

**EVALUATION REPORT
ON THE
FOX PROPERTY
(FOX 1 – 38 and 65 – 78 CLAIMS)**

Ross River Area

**NTS 105 F 14
61 52' N Lat., 133 11' W Long.
Whitehorse Mining Division
Yukon, Canada**

**BY:
STEVE TRAYNOR, B.Sc. (Honours, Geology)
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Y1A 3T5**

November 1999

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INTRODUCTION

Investigation during the 1999 field season confirmed the presence of high grade Pb-Zn-Ag-(Au) mineralization in the boulders of a well developed float train found in Brie Creek that cuts across this property. The identification of a potentially extensive, mineralized horizon from float and outcrop that is anomalous in base and precious metals has highlighted the potential for discovery of additional massive sulfides in the area and is the basis for a recommended program of prospecting, blast trenching and sampling aimed at enhancing the value of this property as a VMS prospect.

PROPERTY LOCATION AND ACCESS

The Fox claims are located 41.6 kilometers southwest of Ross River, Yukon (see Figure 1), approximately 14 kilometers west of the South Canol Road within the Whitehorse Mining District as shown on Claim Map Sheet 105 F 14. The area is situated in the St. Cyr Range (Pelly Mountains) at the northwest limit of a proposed extension of the Pelly Cassiar volcanic belt which host a number of other massive sulfide occurrences, including Atna's Wolf deposit.

The property is helicopter accessible from Ross River or from a gravel pit north of Fox Creek on the South Canol Road. A trail originating at the South Canol Road in the vicinity of Fox Creek and following the valley west to Brie Creek provides winter road access to the area.

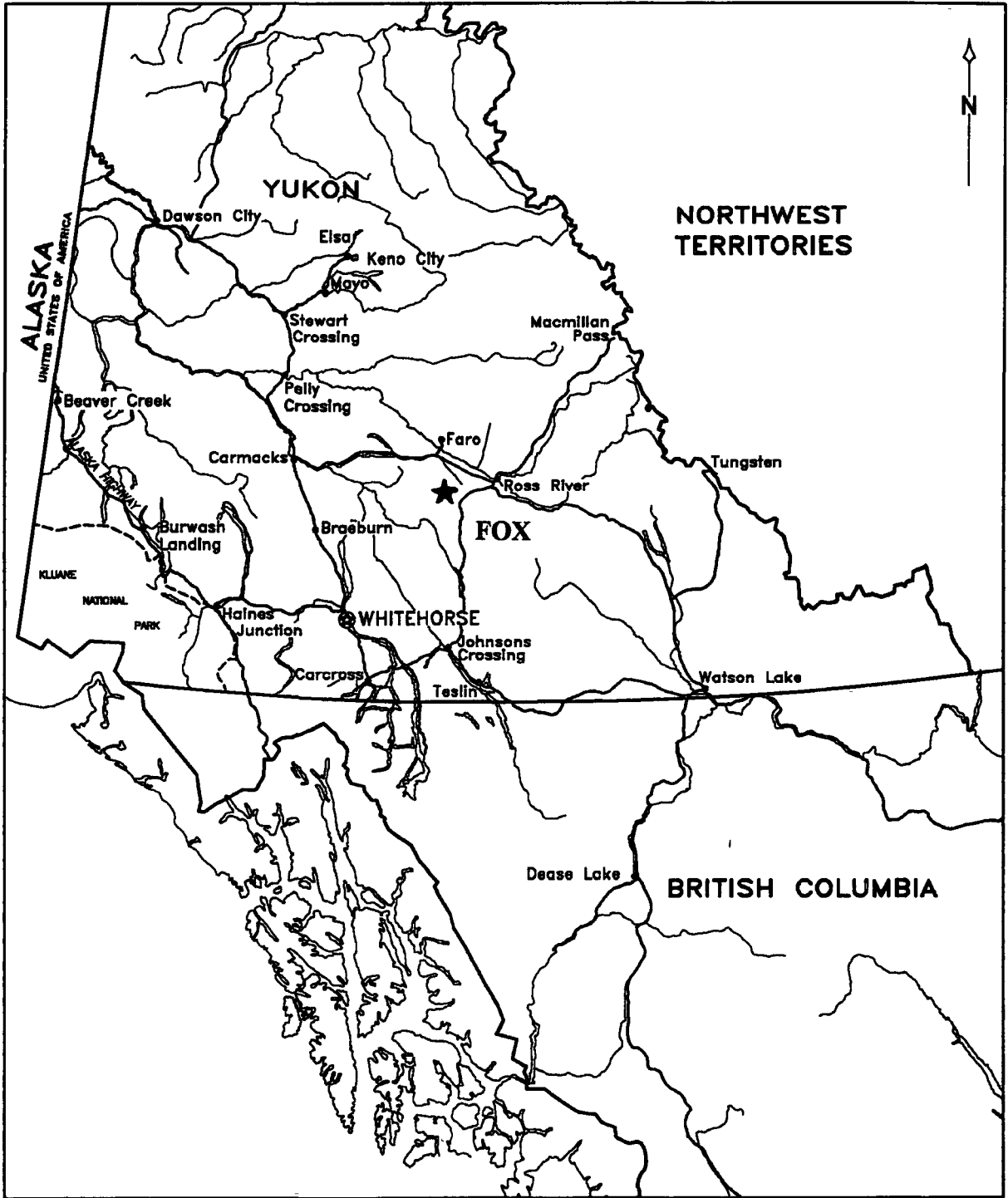
PROPERTY DESCRIPTION

The property consists of 62 contiguous quartz mineral claims, as shown in Figure 2 and listed in the table below. The Fox 1 – 6, 13 – 38 and 65 – 78 claims were staked in March 1999 and an additional 6 claims, Fox 7 – 12, were staked in July 1999. The author/owner has inspected some of the claim posts and lines, which are in good order, and has supervised the tagging of all except the last 6 claims staked in July 1999 which are currently untagged.

Claim Data

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date</u> (*in process)
FOX 1 – 6	YC14012 – YC14017	Dec. 31, 2001*
FOX 7 – 12	YC17993 – YC17998	Dec. 31, 2001*
FOX 13 – 48	YC14018 – YC14053	Dec. 31, 2001*
FOX 65 – 78	YC14054 – YC14067	Dec. 31, 2001*

The claims, except for the lower reaches of Brie Creek lie above the 4700 ft. level with a peak

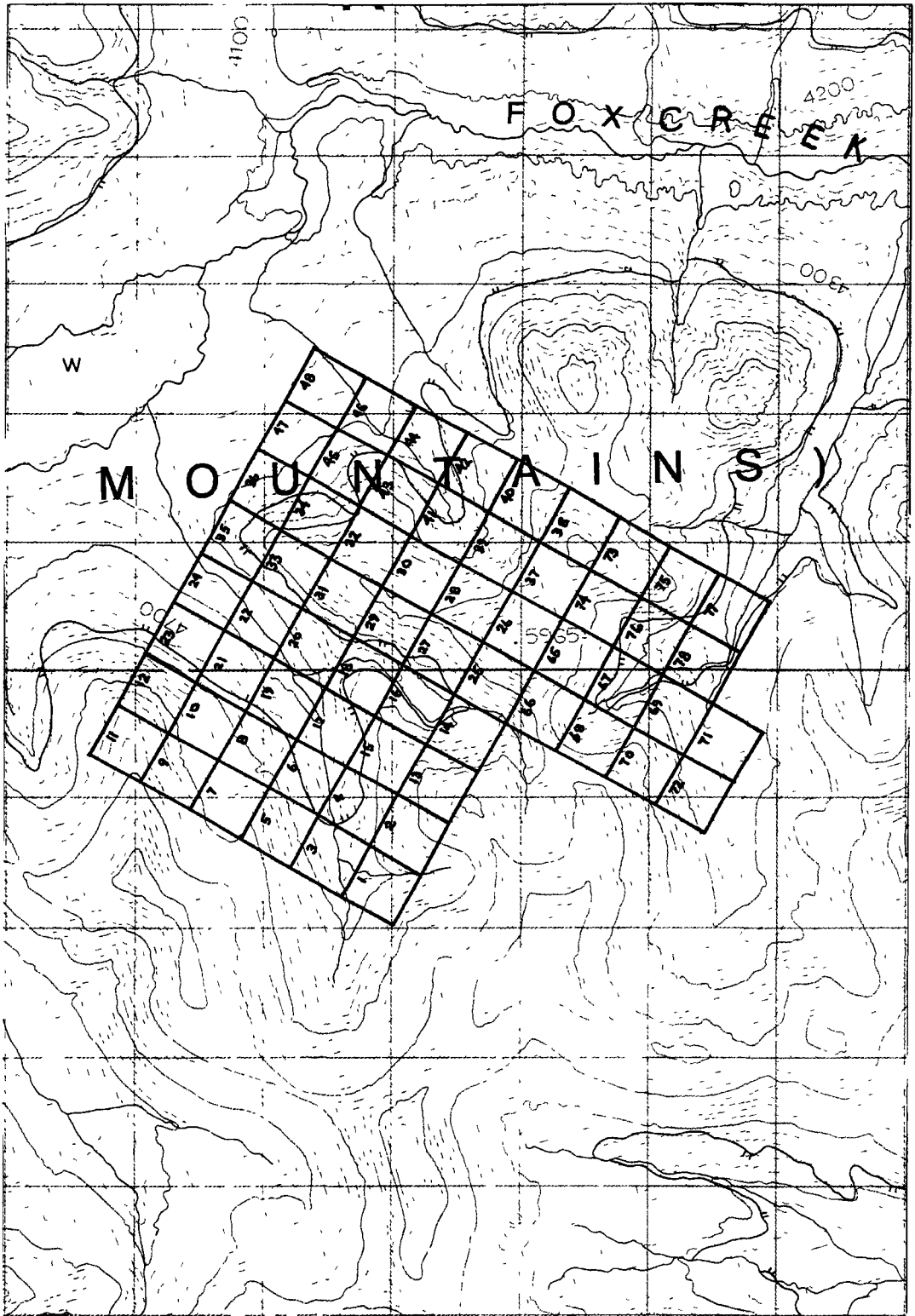


Lambert Conformal Conic Projection
with Standard Parallels at 48°N and 77°N

**FOX PROPERTY
Location Map**

Steve Traynor, Geologist

SCALE: 1 : 6,000,000	FILE: BC98_3	DATE: 98.12.15
NTS:	DRAWN: SDT	FIGURE 1







6860000m N

595000m E



LEGEND

-  Elevation Contour Interval (100 feet)
-  Stream, creek
-  Claim group boundary
-  Claim line

T.N.



TANANA EXPLORATION

**FOX PROPERTY
Claim Map**

Steve Traynor, Geologist

SCALE: 1 : 50,000	FILE: BC98_4A	DATE: 99.01.17
NTS: 105 F 14	DRAWN: SDT	FIGURE 2

level of 5965 ft. in the central area of the property. Treeline is approximately 5000 ft. with spruce predominating the valleys and lower ridges. At higher levels patchy willow growth and alpine grasses are found. Overburden, including morrainal deposits fills many of the mostly U-shaped valleys in the area that are often headed by well developed cirques formed by Pleistocene glaciation.

PREVIOUS WORK AND EXPLORATION

Originally staked in 1971 on the presence of highly mineralized boulders in a well developed float train in Brie Creek by Pete Risby, it was optioned to Arrow Inter-American Corp. who staked additional claims and explored with geochemistry and prospecting. Risby restaked the ground in 1975 and after an examination and report by D.G. Cargill (1975) the property was optioned in 1976 to Utah Mines Ltd. who staked additional claims and carried out an extensive exploration program the following year. The program consisted of geochemical sampling, both stream sediment and soil, electromagnetic, gravity and magnetic geophysical surveying and geological mapping as reported by Norman et al (1976). A number of short diamond drill holes completed late in 1976 targeted strong geophysical conductors that proved to be unrelated to the mineralization in the area. Restaked recently in 1995 by Morley Barker it was allowed to lapse after a soil geochemical program carried out across upper Brie Creek in a deeply buried area failed to locate a source for the mineralized boulders in Brie Creek.

Much of the belt was originally explored in the early 1970's, particularly the SE and central portions and is host to numerous deposits and occurrences which are examined in some detail by Morin (1976) and Mortensen (1982). Early mapping by Wheeler et al. (1960) and later detailed mapping by Templeman-Kluit (1977) identifies volcano-sedimentary lithologies suggestive of an environment permissive for the deposition of massive sulfide mineralization that includes bedded barite occurrences distal to the property area.

REGIONAL AND PROPERTY GEOLOGY

The Pelly Mountains lie near the transition of the Omineca Crystalline Belt into the Yukon Crystalline Terrane and expose a Late Proterozoic through Early Silurian miogeoclinal sequence of strata in imbricated thrust sheets that have undergone syn- and post-thrusting deformation and metamorphism. Upper Devonian and Mississippian strata, recognized throughout the area for their potential to host massive

sulfide deposits, are present in at least two of the structural packages. The lowermost of these packages contain metavolcanic rocks consisting of volcanoclastic material and minor flows deposited in a submarine environment and contains the mineralization found on the Fox Claims. Mineralization discovered to date is found along the northern edge of a SW dipping thrust sheet (see Figure 3), within the underlying rocks and float derived from them. Consisting mostly of rusty orange weathering, grey and black phyllite that is occasionally graphitic and often contains felsic tuff, these rocks can be differentiated from those overlying them by the abundant quartz and carbonate they contain. Intrusive rocks reported and observed on the property, include 3m to 5m wide hornblende diorite dykes and more numerous 1m wide, andesitic dykes.

MINERALIZATION

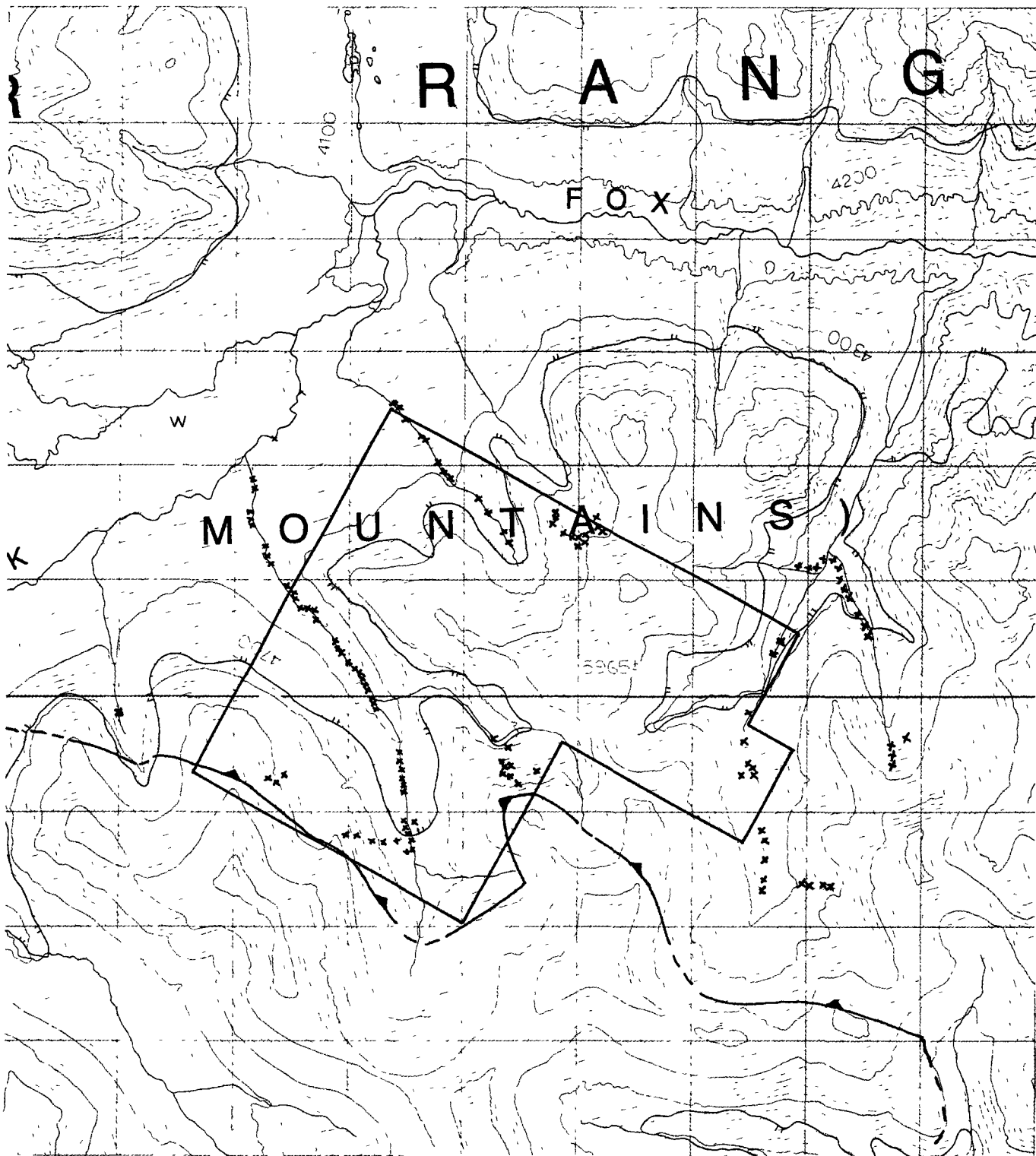
Recent investigation of this property has confirmed the presence of high grade Pb-Zn-Ag-(Au) mineralization in the boulders of a well developed float train found in Brie Creek. Past and present sampling have returned values ranging from 10% Zn to 35% combined Pb-Zn with high Ag (up to 150 g/t) and anomalous Au (up to 0.85 g/t). The boulders are of two main types, those containing predominately pyrite and chalcopyrite with a distinct coating of dark brown limonite and those that weather white with gossanous stained bands of pyrite, hydrozincite and galena in a highly siliceous matrix. Banded galena and sphalerite has also been reported in rare boulders of lustrous phyllite. A detailed visual analysis of the train of mineralized rock in the Brie Creek valley indicates that there are likely multiple sources of the material.

Considerable effort has been expended to trace the mineralized float back to outcrop and has successfully identified a potentially extensive horizon that may be the source of the widespread float found on the property. Limited sampling to date has returned anomalous base and precious metal values from most samples. It is exposed intermittently along strike in outcrop at the head of a scree slope above Cirque Creek, on the west side of Brie Creek in subcrop and in float for up to 2 km west of Brie Creek.

Lustrous phyllite, which is at times graphitic but generally greyish green in color appears to show some relationship with the mineralized horizon and may represent a useful stratigraphic marker in the area.

DESCRIPTION AND SUMMARY OF WORK

During the 1999 field season the Fox property was evaluated for its massive sulfide potential on the basis of previous encouraging reports. Contracting of the staking was completed in March of this



LEGEND

- x Mineralized Float
- Fox Claim Group Boundary
- - - - - Approximate Limit of Overthrust Autochthonous Rock

T.N.



TANANA EXPLORATION		
OCCURRENCES OF MINERALIZED FLOAT IN THE VICINITY OF FOX PROPERTY		
Steve Traynor, Geologist		
SCALE: 1 : 50,000	DRAWN: SDT	DATE: 99 11 16
NTS: 105 F 14		FIGURE: 3

year, orientation was carried out in mid June and a program of prospecting and sampling was carried out on the claims from July 3rd to July 9th, 1999 and on August 12, 1999

During the week long program, the area west of Brie Creek and between Brie Creek and Cirque Creek was prospected in detail and a reconnaissance of the area north and east from the confluence of Brie and Cirque Creeks was completed. Followup during a property visit on August 12th, 1999 focused on the area around the confluence of Brie and Canyon Creeks and on the lower part of the scree slope above Cirque Creek. In the course of these investigation a total of 19 rock samples were collected, the location of which are shown in Figure 4 (in map pocket).

ANALYSIS AND RESULTS

Analysis of sampled material returned a number of encouraging values indicative of the massive sulfide potential of the property. Rock sample description, complete analytical results and methodology are presented in the Appendices of this report.

Sampling of the mineralized boulders found in Brie Creek served to confirm their high grade nature, particularly in the case of sample 99R202 which returned 14.61% Zn, 1.4% Cu, 1.11% Pb, 46.7 g/t Ag and 0.85 g/t Au from the whitish weathering boulder type. Sampling of the other main boulder type produced a number of high copper, gold and silver values, the best of which returned 1.75% Cu, 0.41% Zn, 30.4 g/t Ag and 0.29 g/t Au.

Sample 99R020, taken from talus fragments on the lower part of the scree slope above Cirque Creek returned the highest value for zinc of all the samples at 17.25%. This sample differed from other mineralized material observed and sampled elsewhere in that the mineralization was in the form of stringer veins and not stratiform lenses. The bleached and altered sample in addition to containing high zinc, returned an extremely high value for Hg of 26.12 ppm. This combination of alteration, high volatile enrichment and the stringer nature of the mineralization points toward a concentration of fluid flow in the area and may be suggestive of vent proximity.

Finally, it should be noted that all of the samples collected and analysed contained at least traces of gold. In fact many of them contained highly anomalous precious metal concentrations with the average value of all the mineralized samples being 144 ppb Au.

CONCLUSIONS AND RECOMMENDATIONS

The results obtained in the course of this evaluation indicate an environment hosting widespread mineralization that has a high degree of propectivity for the discovery of additional massive sulfides along the hypothesized trend of a extensive mineralized horizon identified on the property.

A followup program consisting of more prospecting, blasting trenchung and detailed sampling is recommended. The work would focus on developing the showing discovered this season at the head of the scree slope above Cirque Creek and completing further trenching in the area of outcrop (subcrop?) previously located on the slope between Brie and Canyon Creeks. Additional prospecting carried out in conjunction with this detailed sampling would attempt to identify and develop other showings along the above mentioned trend and in the area north and east of lower Brie Creek where recent reconaissance revealed extensive iron staining in the creek gravels below a slope where previous workers (Norman et al, 1976 and Cargill, 1975) had identified a large multi-element base metal soil anomaly and located float assaying 19.2% Zn, 15.4% Pb and 154.5 g/t Ag.

GEOLOGISTS'S CERTIFICATE

I, Steve Traynor, of 214 Alsek Road, Whitehorse , in the Territory of the Yukon,
DO HEREBY CERTIFY:

- 1 THAT I am a Geologist practising my profession in Whitehorse, Yukon.
2. THAT I am a graduate of Queen's University (1982), Kingston, Ontario with a B.Sc. (Honours) degree in Geology.
3. THAT I have been engaged in mineral exploration for fourteen years in the Yukon, Manitoba, Ontario and Quebec.
4. THAT this report is based on work that I completed and/or supervised during the period from July 3rd to July 9th , 1999 and on August 12th , 1999 on the Fox property.

SIGNED at Whitehorse, Yukon Territory, this 15th day of November , 1999.



Steve Traynor, B.Sc

REFERENCES

- Cargill, D.G., 1975; Geology and Geochemical Report on the Au Claims; Utah Mines Ltd., Dec./75 Assessment Report #090059.
- DIAND, 1993: Yukon Minfile, Exploration and Geological Services Division, Whitehorse, Indian and Northern Affairs, Canada.
- Geological Survey of Canada, 1978: Stream Sediment and Water Geochemical Survey (105 F), Yukon Territory, Geological Survey of Canada Open File 564.
- Gordey, S.P. and Stevens, R. A., 1994: Preliminary interpretation of bedrock geology of the Teslin area (105C), southern Yukon; Geological Survey of Canada Open File 2886.
- Morin, J.A., 1976: Ag-Pb-Zn Mineralization in the MM Deposit and Associated Mississippian Felsic Volcanic Rocks in the St. Cyr Range, Pelly Mountains; in Mineral Industry Report 1976, p. 83-97.
- Mortensen, James K., 1982: Geological setting and tectonic significance of Mississippian felsic metavolcanic rocks in the Pelly Mountains, southeastern Yukon Territory; Can. J. Earth Sci., v.19, p. 8-22.
- Norman, G. et al, 1976 Geological, Geochemical and Geophysical Report on the Brie and Au Claims, Utah Mines Ltd., October 1976, Assesment Report # 090136.
- Tempelman-Kluit, D.J., 1977: Quiet Lake and Finlayson Lake map sheets; Geological Survey of Canada, Open File 486.
- Wheeler, J.O., Green, L.H and Roddick, J.A., 1960: Geology of Quiet Lake, Yukon Territory; Geological Survey of Canada, Map 7-1960

STATEMENT OF EXPENDITURES

CANADA -- In the matter of prospecting and sampling carried out as assessment work filed on the FOX 1-38 and FOX 65-78 quartz mineral claims.

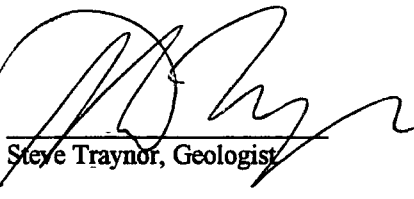
I, Steve Traynor a geologist working in Whitehorse, Yukon do solemnly declare that a program consisting of prospecting and sampling work was carried out on the FOX 1-38 and FOX 65-78 quartz mineral claims during the period from July 3 to July 9, 1999 and on August 12, 1999.

The following expenses were incurred during the course of this work and in the compilation and reporting of the results

Geological supervision and sampling:		
S. Traynor, Geologist, 8 days @ \$ 250.00		\$ 2,000.00
Prospecting, surveying and sampling:		
Wade Carrell, Prospector, 7 days @ \$200.00		1,400.00
E. Stehelin, Prospector, 7 days @ \$150.00		1,050.00
Camp, Supplies and support:	21 man days @ \$60.00	1,260.00
Transportaion:	Trans North Helicopters	3,333.71
	Company vehicle, 1,500 km @ \$0 42/km	630.00
Assay and Analysis:	Various analysis of samples and shipping costs	417.12
Report Preparation and Maps:		<u>1,060.00</u>
TOTAL COST		<u>\$11,150.83</u>

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

Dated at Whitehorse in the Territory of the Yukon this 15th day of November, 1999.


Steve Traynor, Geologist

APPENDIX A

ROCK SAMPLE REPORT

ROCK SAMPLE REPORT

SAMPLE NUMBER	SAMPLE PARTICULARS	SAMPLE DESCRIPTION	ANALYTICAL HIGHLIGHTS
99R004	Brie Creek	Banded (5-10 cm) pyrite, chalcopyrite, sphalerite in 3m x 1/2m quartz rich boulder	Anomalous base and precious metal content.
99R005	Brie Creek	Representative sample of quartz rich float with thinly banded massive sulfides	0.57% Cu with elevated Ag and Au.
99R005A	Brie Creek	Mineralized chip sample across 15 cm. of boulder.	1 02 % Cu and elevated Zn, Ag and Au
99R006	Brie Creek	Chip sample of mineralized boulder (2x2x.5m).	Anomalous Ag and elevated Au
99R007	Scree slope above Cirque Creek	Representative sample of boulder sampled as 99R006	Elevated Au.
99R008	Scree slope above Cirque Creek	Massive sulfide float from scree slope	Anomalous precious metal content.
99R009	Outcrop above Cirque Creek	Grab sample from outcrop containing abundant pyrite and other minor sulfides in lenses up to 20 cm thick.	Anomalous base metals with high Au.
99R010	Creek west of Brie Creek	Sulfide rich portion of float, consisting of pyrite and minor chalcopyrite.	Anomalous Cu and elevated Au values
99R011	Creek west of Brie Creek	Quartz rich (felsic) portion of float sampled as 99R010.	Anomalous Cu and As values.
99R020	Scree slope above Cirque Creek	Altered quartz rich sample of scree with abundant stringers of sphalerite and pyrite.	17.25% Zn and very high Hg.
99R021	Brie Ck. at mouth of Canyon Creek	Angular, quartz rich float containing massive sulfides. Visible chalcopyrite.	Anomalous Cu and minor base metals with elevated precious metal content.
99R201	Brie Creek	Large (2x3 m), quartz rich boulder with banded sulfides.	3 65% Zn with anomalous Cu, Pb and Ag
99R202	Brie Creek	Quartz rich boulder with banded massive sulfides.	14.61% Zn, 1.4% Cu, 1.11% Pb, 46.7 g/t Ag and 0.85 g/t Au.
99R203	Dry wash west of Brie Creek.	Subangular (30 cm), quartz rich massive sulfide float with minor phyllite and spotty Cu stain. Visible chalcopyrite	0.47% Cu and elevated Ag.
99R204	Dry wash west of Brie Creek.	Subangular, quartz and thinly layered massive sulfides in float	Anomalous base metals
99R205	Brie Creek.	Chip sample across 1.5x1.5 m quartz and sulfide rich boulder	1.75% Cu, 0.41% Zn, 30.4 g/t Ag and 0.29 g/t Au.
99R206	Scree slope above Cirque Creek	Quartz and sulfide rich angular talus fragments showing strong iron staining.	Anomalous Cu, Pb and Ag.
99R207	Scree slope above Cirque Creek	Quartz and sulfide rich angular talus fragments showing strong iron staining.	0.35% Cu with anomalous Pb and Ag.
99R208	Outcrop above Cirque Creek	Quartz and sulfide rich angular talus fragments showing strong iron staining.	Anomalous Cu, Pb and Ag.

APPENDIX B
CERTIFICATES
OF
ANALYSIS



Intertek Testing Services
Bondar Clegg

Geochemical
Lab
Report

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+

+

+

MR. STEVE TRAYNOR
BOX 4375
WHITEHORSE, YUKON
Y1A 3T5



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

REPORT: V99-00757.0 (COMPLETE)

REFERENCE:

CLIENT: MR. STEVE TRAYNOR

SUBMITTED BY: S. TRAYNOR

PROJECT: FOX CREEK

DATE RECEIVED: 17-JUL-99 DATE PRINTED: 28-JUL-99

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
990724	1 Au30 Gold	17	5 PPB	Fire Assay of 30g	30g Fire Assay - AA	990724	37 SiO2 Silica (SiO2)	1	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASM
990724	2 Ag Silver	1	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	38 TiO2 Titanium (TiO2)	1	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASM
990724	3 Cu Copper	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	39 Al2O3 Alumina (Al2O3)	1	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASM
990724	4 Pb Lead	1	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	40 Fe2O3* Total Iron (Fe2O3)	1	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASM
990724	5 Zn Zinc	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	41 MnO Manganese (MnO)	1	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASM
990724	6 Ni Nickel	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	42 MgO Magnesium (MgO)	1	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASM
990724	7 Co Cobalt	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	43 CaO Calcium (CaO)	1	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASM
990724	8 Cd Cadmium	1	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	44 Na2O Sodium (Na2O)	1	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASM
990724	9 Bi Bismuth	1	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	45 K2O Potassium (K2O)	1	0.05 PCT	BORATE FUSION	INDUC. COUP. PLASM
990724	10 As Arsenic	1	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	46 P2O5 Phosphorous (P2O5)	1	0.03 PCT	BORATE FUSION	INDUC. COUP. PLASM
990724	11 Sb Antimony	1	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	47 LOI Loss on Ignition	1	0.05 PCT	Ignition 1000 Deg.	GRAVIMETRIC
990724	12 Hg Mercury	1	0.010 PPM	HCL:HNO3 (3:1)	COLD VAPOR AA	990724	48 Total Whole Rock Total	17	0.01 PCT		
990724	13 Fe Iron	1	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	49 Cr2O3 Chromium Oxide	1	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASM
990724	14 Mn Manganese	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	50 Ba Barium	1	10 PPM	Pressed Pellet	XRAY FLUORESCENCE
990724	15 Te Tellurium	1	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	51 Sr Strontium	1	1 PPM	Pressed Pellet	XRAY FLUORESCENCE
990724	16 Ba Barium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	52 Y Yttrium	1	1 PPM	Pressed Pellet	XRAY FLUORESCENCE
990724	17 Cr Chromium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	53 Nb Niobium	1	2 PPM	Pressed Pellet	XRAY FLUORESCENCE
990724	18 V Vanadium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	54 Zr Zirconium	1	1 PPM	Pressed Pellet	XRAY FLUORESCENCE
990724	19 Sn Tin	1	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	55 Rb Rubidium	1	2 PPM	Pressed Pellet	XRAY FLUORESCENCE
990724	20 W Tungsten	1	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	56 Ag Silver	16	0.7 PPM	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASM
990724	21 La Lanthanum	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	57 Cu Copper	16	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASM
990724	22 Al Aluminum	1	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	58 Pb Lead	16	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASM
990724	23 Mg Magnesium	1	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	59 Zn Zinc	16	0.01 PCT	HF-HNO3-HClO4-HCL	INDUC. COUP. PLASM
990724	24 Ca Calcium	1	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990724	60 Zn Zinc	1	0.01 PCT	HF-HNO3-HClO4-HCL	ATOMIC ABSORPTION
990724	25 Na Sodium	1	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990724	26 K Potassium	1	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990724	27 Sr Strontium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990724	28 Y Yttrium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990724	29 Ga Gallium	1	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990724	30 Li Lithium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990724	31 Nb Niobium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990724	32 Sc Scandium	1	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990724	33 Ta Tantalum	1	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990724	34 Ti Titanium	1	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990724	35 Zr Zirconium	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990724	36 Mo Molybdenum	1	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						



Intertek Testing Services
 Bondar Clegg

**Geochemical
 Lab
 Report**

REPORT: V99-00757.0 (COMPLETE)

REFERENCE:

CLIENT: MR. STEVE TRAYNOR

SUBMITTED BY: S. TRAYNOR

PROJECT: FOX CREEK

DATE RECEIVED: 17-JUL-99 DATE PRINTED: 28-JUL-99

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK	17	2 -150	17	CRUSH/SPLIT & PULV.	17

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INVOICE TO: BOX 4375

 This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated



Intertek Testing Services
Bondar Clegg

Geochemical
Lab
Report

CLIENT: MR. STEVE TRAYNOR

PROJECT: FOX CREEK

REPORT: V99-00757.0 (COMPLETE)

DATE RECEIVED: 17-JUL-99

DATE PRINTED: 28-JUL-99

PAGE 1B(2/ 8)

SAMPLE NUMBER	ELEMENT	Al2O3	Fe2O3*	MnO	MgO	CaO	Na2O	K2O	P2O5	LOI Total	Cr2O3	Ba	Sr	Y	Nb	Zr	Rb	Ag	Cu	Pb	Zn	Zn	
	UNITS	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT
99R004																		5.5	0.05	0.06	0.02		
99R005																		15.6	0.57	0.05	0.05		
99R005A																		9.9	1.02	0.04	0.11		
99R006																		4.7	0.04	<.01	<.01		
99R007																		<0.7	0.07	<.01	<.01		
99R008																		6.9	0.03	0.06	<.01		
99R009																		5.6	0.08	0.07	0.02		
99R010																		2.4	0.08	<.01	<.01		
99R011		0.79	2.44	0.04	1.57	2.79	0.01	0.21	0.06	3.84	99.19	0.10	68	44	5	3	9	8					
99R201																		5.8	0.11	0.09	3.65		
99R202																		46.7	1.40	1.11	>15.00	14.61	
99R203																		7.6	0.47	<.01	0.02		
99R204																		<0.7	0.03	0.02	0.02		
99R205																		30.4	1.75	0.05	0.41		
99R206																		4.7	0.03	0.01	<.01		
99R207																		5.2	0.35	0.03	<.01		
99R208																		3.3	0.11	0.03	<.01		



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

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REPORT: V99-00757.0 (COMPLETE)

PROJECT: FOX CREEK
DATE RECEIVED: 17-JUL-99 DATE PRINTED: 28-JUL-99 PAGE 2A(3/ 8)

STANDARD NAME	ELEMENT UNITS	Au30	Ag	Cu	Pb	Zn	Ni	Co	Cd	Bi	As	Sb	Hg	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	Mo	SiO2	TiO2		
		PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PCT	PCT		
ANALYTICAL BLANK		<5	<.2	<1	<2	<1	<1	<1	<.2	<5	<5	<.010	<.01		1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.01	<1	<1	<.01	<.01		
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Mean Value		3	0.1	<1	1	<1	<1	<1	0.1	3	3	3	0.005	<.01	1	5	<1	<1	<1	10	10	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	1	<1	<1	3	5	<.01	<1	<1	<.01	<.01		
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Accepted Value		5	0.2	1	2	1	1	1	0.1	2	5	5	0.005	0.05	1	<1	<1	1	1	<1	<1	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<1	<1	<1	<1	<1	<1	<.01	<1	1	<.01	<.01	
BCC Au Std.9	207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Number of Analyses	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mean Value	207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Accepted Value	204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CANMET CERTIFIED STD		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Accepted Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STD GEOCHEM STD 6		-	<.2	139	17	135	130	31	0.3	<5	131	<5	0.037	7.35	1366	<10	7	183	44	<20	<20	3	1.82	2.57	3.77	0.01	0.04	79	3	7	20	2	7	<10	<.01	4	3	-	-		
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-
Mean Value		-	0.1	139	17	135	130	31	0.3	3	131	3	0.037	7.35	1366	5	7	183	44	10	10	3	1.82	2.57	3.77	0.01	0.04	79	3	7	20	2	7	5	<.01	4	3	-	-		
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Accepted Value		-	0.2	148	20	148	135	35	0.2	1	145	1	0.028	7.20	1450	<1	6	251	50	5	12	-	1.80	2.70	4.00	0.01	0.04	70	3	-	24	2	6	1	<.01	5	4	51.90	0.74		
CANMET STD SY-3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Accepted Value		-	-	17	133	244	-	-	-	-	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CANMET STREAM-SED 2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Accepted Value		-	0.5	43	66	216	47	17	0.8	-	32	3	0.046	4.10	720	-	-	50	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13		



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

CLIENT: MR. STEVE TRAYNOR
REPORT: V99-00757.0 (COMPLETE)

DATE RECEIVED: 17-JUL-99 DATE PRINTED: 28-JUL-99 PROJECT: FOX CREEK
PAGE 28(4/ 8)

STANDARD NAME	ELEMENT	Al2O3	Fe2O3*	MnO	MgO	CaO	Na2O	K2O	P2O5	LOI Total	Cr2O3	Ba	Sr	Y	Nb	Zr	Rb	Ag	Cu	Pb	Zn	Zn	
	UNITS	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT
ANALYTICAL BLANK		<0.01	<0.01	<.01	<.01	<.01	<.01	<.05	<.03	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	1	1	1	1	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		<0.01	<0.01	<.01	<.01	<.01	<.01	0.03	0.02	-	<0.01	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		<0.01	<0.01	<.01	<.01	<.01	<.01	<.01	<.01	<0.01	<0.01	<1	<1	<1	<1	<1	<1	<0.1	<0.1	<0.1	<0.01	<0.01	<0.01
BCC Au Std.9		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANMET CERTIFIED STD		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69.8	1.47	-	>15.00	19.26	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69.8	1.47	-	15.00	19.26	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69.6	1.44	4.33	19.02	19.02	-
STD GEOCHEM STD 6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		12.90	10.50	0.20	4.90	5.50	1.20	2.00	0.15	-	-	130	-	7	50	-	-	-	-	-	-	-	-
CANMET STD SY-3		11.77	6.41	0.33	2.68	8.31	4.08	4.12	0.52	-	97.96	<0.01	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		1	1	1	1	1	1	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Mean Value		11.77	6.41	0.33	2.68	8.31	4.08	4.12	0.52	-	97.96	<0.01	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		11.80	6.42	0.32	2.67	8.26	4.15	4.20	0.54	1.20	-	-	-	-	-	-	-	<.01	0.01	0.02	0.02	-	-
CANMET STREAM-SED 2		-	-	-	-	-	-	-	-	10.33	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	10.33	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-	10.30	-	-	-	-	-	-	-	-	-	-	-	-	-



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DATE RECEIVED: 17-JUL-99 DATE PRINTED: 28-JUL-99 PAGE 3A(5/ 8)

PROJECT: FOX CREEK

STANDARD NAME	ELEMENT Au30	Ag	Cu	Pb	Zn	Ni	Co	Cd	Bi	As	Sb	Hg	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	Mo	SiO2	TiO2
	UNITS	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PCT	PCT	
Loss On Ignition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BCC Base Metal Ref.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BCC Base Metal Ref.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorspar Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Granite - Cert.Ref.M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

CLIENT: MR. STEVE TRAYNOR

PROJECT: FOX CREEK

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DATE PRINTED: 28-JUL-99

PAGE 38(6/ 8)

STANDARD NAME	ELEMENT	Al2O3	Fe2O3*	MnO	MgO	CaO	Na2O	K2O	P2O5	LOI Total	Cr2O3	Ba	Sr	Y	Nb	Zr	Rb	Ag	Cu	Pb	Zn	Zn	
	UNITS	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	
Loss On Ignition		-	-	-	-	-	-	-	-	37.56	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	37.56	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-	37.30	-	-	-	-	-	-	-	-	-	-	-	-	-
BCC Base Metal Ref.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.04	5.71	11.51	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.04	5.71	11.51	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.06	5.66	11.88	11.88	-
BCC Base Metal Ref.		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.37	8.21	3.01	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.37	8.21	3.01	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.37	8.28	3.04	3.04	-
Fluorspar Granite		-	-	-	-	-	-	-	-	-	-	303	30	444	205	301	287	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	303	30	444	205	301	287	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-	-	-	290	29	436	202	300	291	-	-	-	-	-	-
Granite - Cert.Ref.M		-	-	-	-	-	-	-	-	-	-	1389	559	16	21	235	184	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	1389	559	16	21	235	184	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-	-	-	1400	570	14	21	235	185	-	-	-	-	-	-



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**Geochemical
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CLIENT: MR. STEVE TRAYNOR
REPORT: V99-00757.0 (COMPLETE)

DATE RECEIVED: 17-JUL-99 DATE PRINTED: 28-JUL-99 PAGE 48(8/ 8)

PROJECT: FOX CREEK

SAMPLE NUMBER	ELEMENT	Al2O3	Fe2O3*	MnO	MgO	CaO	Na2O	K2O	P2O5	LOI Total	Cr2O3	Ba	Sr	Y	Nb	Zr	Rb	Ag	Cu	Pb	Zn	Zn	
	UNITS	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT
99R010																		2.4	0.08	<.01	<.01		
Duplicate																		1.8	0.09	0.02	<.01		
99R011		0.79	2.44	0.04	1.57	2.79	0.01	0.21	0.06	3.84	99.19	0.10	68	44	5	3	9	8					
Duplicate										3.89													
99R203																		7.6	0.47	<.01	0.02		
Prep Duplicate																		5.2	0.50	0.01	<.01		
99R207																		5.2	0.35	0.03	<.01		
Duplicate																		6.2	0.34	0.03	0.01		



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Geochemical
Lab
Report

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MR. STEVE TRAYNOR
BOX 4375
WHITEHORSE, YUKON
Y1A 3T5



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Bondar Clegg

Geochemical Lab Report

REPORT: V99-01076.0 (COMPLETE)

REFERENCE:

CLIENT: MR. STEVE TRAYNOR

SUBMITTED BY: S. TRAYNOR

PROJECT: FOX

DATE RECEIVED: 15-SEP-99 DATE RECEIVED: 22-SEP-99

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
990916	1 Au30 Gold	2	5 PPB	Fire Assay of 30g	30g Fire Assay - AA	990916	37 Ti Titanium	2	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990916	2 Ag Silver	2	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990916	38 Zr Zirconium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
990916	3 Cu Copper	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	4 Pb Lead	2	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	5 Zn Zinc	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	6 ZnOL Zinc, semiquant	1	0.1 PCT	HCL:HNO3 (3:1)	ATOMIC ABSORPTION						
						SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
						R ROCK	2	2 -150	2	CRUSH/SPLIT & PULV.	2
990916	7 Zn Zinc	1	0.01 PCT	HF-HNO3-HCL04-HCL	ATOMIC ABSORPTION						
990916	8 Mo Molybdenum	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	9 Ni Nickel	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	10 Co Cobalt	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	11 Cd Cadmium	2	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	12 Bi Bismuth	2	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	13 As Arsenic	2	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	14 Sb Antimony	2	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	15 Hg Mercury	2	0.010 PPM	HCL:HNO3 (3:1)	COLD VAPOR AA						
990916	16 Fe Iron	2	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	17 Mn Manganese	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	18 Te Tellurium	2	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	19 Ba Barium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	20 Cr Chromium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	21 V Vanadium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	22 Sn Tin	2	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	23 W Tungsten	2	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	24 La Lanthanum	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	25 Al Aluminum	2	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	26 Mg Magnesium	2	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	27 Ca Calcium	2	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	28 Na Sodium	2	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	29 K Potassium	2	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	30 Sr Strontium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	31 Y Yttrium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	32 Ga Gallium	2	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	33 Li Lithium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	34 Nb Niobium	2	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	35 Sc Scandium	2	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990916	36 Ta Tantalum	2	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						

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Bondar Clegg

**Geochemical
Lab
Report**

CLIENT: MR. STEVE TRAYNOR

PROJECT: FOX

REPORT: V99-01076.0 (COMPLETE)

DATE RECEIVED: 15-SEP-99

DATE PRINTED: 22-SEP-99

PAGE 1A(1/ 6)

SAMPLE NUMBER	ELEMENT	AU30 UNITS	Ag PPB	Cu PPM	Pb PPM	Zn PPM	ZnOL PCT	Zn PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM
99R020		21	0.8	631	217	>10000	>15.0	17.25	1	8	56	235.6	<5	<5	<5	26.120	1.82	33	28	5	178	<1	<20	187	<1	0.04	0.01	<.01	<.01	0.01	2	<1	9	<1	<1	<5	<10
99R021		190	11.5	8270	126	508			<1	235	214	1.4	<5	309	<5	0.053	>10.00	18	<10	6	151	2	<20	<20	<1	0.10	<.01	<.01	<.01	0.04	12	<1	2	<1	<1	<5	<10



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Bondar Clegg

**Geochemical
Lab
Report**

CLIENT: MR. STEVE TRAYNOR
REPORT: V99-01076.0 (COMPLETE)

DATE RECEIVED: 15-SEP-99 DATE PRINTED: 22-SEP-99 PROJECT: FOX
PAGE 18(2/ 6)

SAMPLE NUMBER	ELEMENT UNITS	Ti PCT	Zr PPM
99R020		<.01	<1
99R021		<.01	<1



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Geochemical Lab Report

CLIENT: MR. STEVE TRAYNOR
REPORT: V99-01076.0 (COMPLETE)

PROJECT: FOX
DATE RECEIVED: 15-SEP-99 DATE PRINTED: 22-SEP-99 PAGE 2A(3/ 6)

STANDARD NAME	ELEMENT	Au30	Ag	Cu	Pb	Zn	ZrOL	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Hg	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta
	UNITS	PPB	PPM	PPM	PPM	PPM	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	
ANALYTICAL BLANK		<5	<0.2	<1	<2	2	-	-	<1	<1	<1	<0.2	<5	<5	<5	<0.010	<0.01	2	<10	<1	<1	<1	<20	<20	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<1	<2	<1	<1	<5	<10
Number of Analyses		1	1	1	1	1	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		3	0.1	<1	1	2	-	-	<1	<1	<1	0.1	3	3	3	0.005	<0.01	2	5	<1	<1	<1	10	10	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<1	1	<1	<1	3	5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		5	0.2	1	2	1	<0.1	<0.01	1	1	1	0.1	2	5	5	0.005	0.05	1	<1	<1	1	1	<1	<1	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<1	<1	<1	<1	<1	
Oxide (Feldspar & Number of Analyses	173	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mean Value	173	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value	186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CANMET LAKE-SED 2		-	0.3	40	37	186	-	-	1	23	17	1.0	<5	12	<5	0.162	3.89	1906	<10	218	28	45	<20	<20	57	1.79	0.71	0.70	0.04	0.26	33	29	3	16	5	6	<10
Number of Analyses		-	1	1	1	1	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.3	40	37	186	-	-	1	23	17	1.0	3	12	3	0.162	3.89	1906	5	218	28	45	10	10	57	1.79	0.71	0.70	0.04	0.26	33	29	3	16	5	6	5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		-	0.8	36	40	200	-	-	2	23	17	0.8	-	9	1	0.160	3.50	1840	*	-	29	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CANMET CERTIFIED STD		-	-	-	-	-	-	18.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Number of Analyses		-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mean Value		-	-	-	-	-	-	18.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		-	-	-	-	-	-	19.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	-	-	-	-	-	-	-	-	-	



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**Geochemical
 Lab
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CLIENT: MR. STEVE TRAYNOR
 REPORT: V99-01076.0 (COMPLETE)

PROJECT: FOX
 DATE RECEIVED: 15-SEP-99 DATE PRINTED: 22-SEP-99 PAGE 2B(4/ 6)

STANDARD NAME	ELEMENT UNITS	Ti PCT	Zr PPM
---------------	---------------	--------	--------

ANALYTICAL BLANK	<.01	<1	
Number of Analyses	1	1	
Mean Value	<.01	<1	
Standard Deviation	-	-	
Accepted Value	<.01	<1	

Oxide (Feldspar &	-	-	
Number of Analyses	-	-	
Mean Value	-	-	
Standard Deviation	-	-	
Accepted Value	-	-	

CANMET LAKE-SED 2	0.08	4	
Number of Analyses	1	1	
Mean Value	0.08	4	
Standard Deviation	-	-	
Accepted Value	-	-	

CANMET CERTIFIED STD	-	-	
Number of Analyses	-	-	
Mean Value	-	-	
Standard Deviation	-	-	
Accepted Value	-	-	



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PROJECT: FOX

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DATE RECEIVED: 15-SEP-99

DATE PRINTED: 22-SEP-99

PAGE 3A(5/ 6)

SAMPLE NUMBER	ELEMENT	Au30	Ag	Cu	Pb	Zn	ZnOL	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Hg	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta
	UNITS	PPB	PPM	PPM	PPM	PPM	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	
99R020 Duplicate	21	0.8	631	217	>10000	>15.0	17.25	1	8	56	235.6	<5	<5	<5	26.120	1.82	33	28	5	178	<1	<20	187	<1	0.04	0.01	<.01	<.01	0.01	2	<1	9	<1	<1	<5	<10	
							17.10																														



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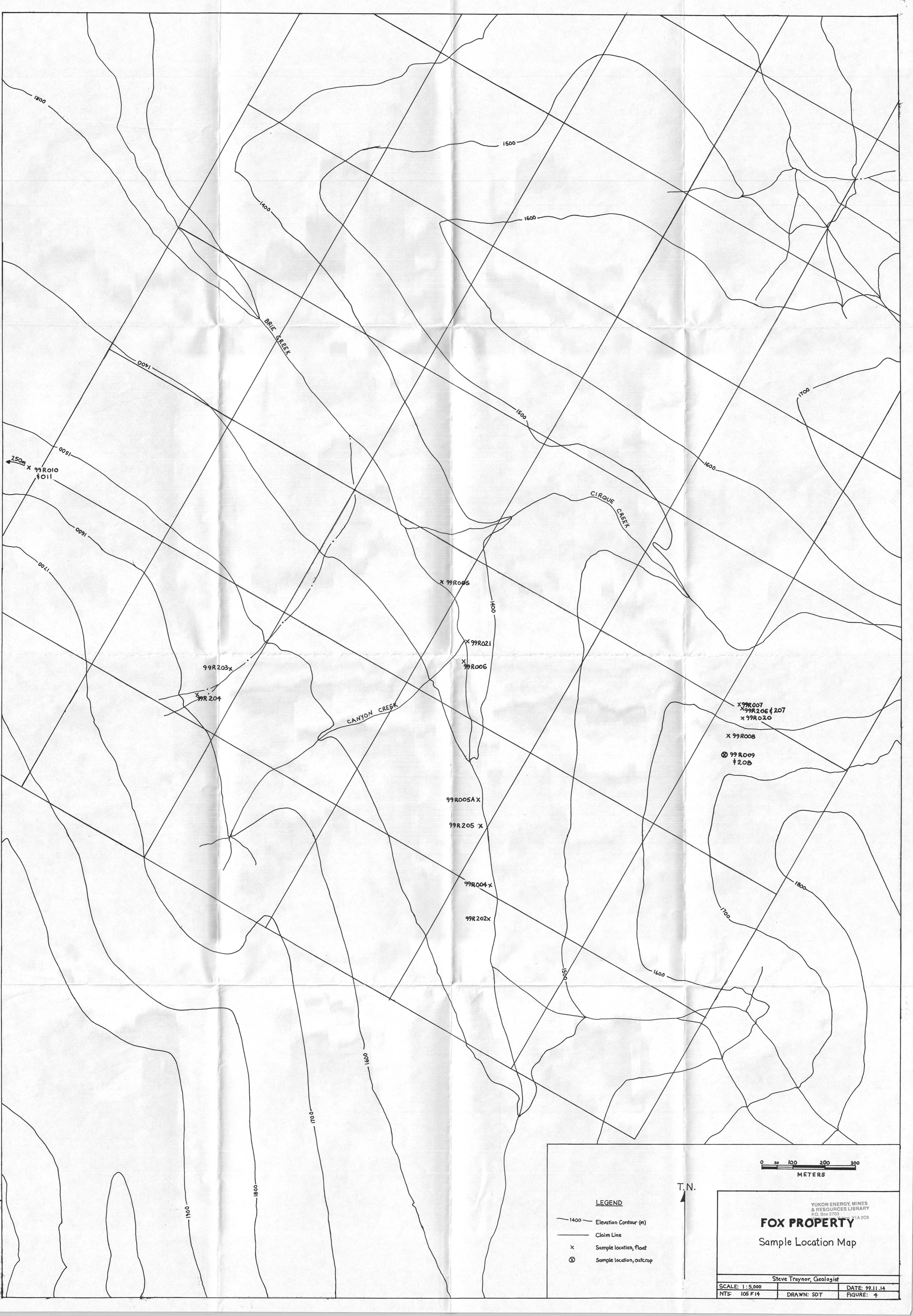
Geochemical Lab Report

CLIENT: MR. STEVE TRAYNOR
REPORT: V99-01076.0 (COMPLETE)

DATE RECEIVED: 15-SEP-99 DATE PRINTED: 22-SEP-99 PROJECT: FOX
PAGE 38(6/ 6)

SAMPLE NUMBER	ELEMENT UNITS	Ti PCT	Zr PPM
99R020		<.01	<1
Duplicate			

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250m x 99R010
‡011

99R203x
99R204

x 99R005
x 99R021
x 99R006

99R005A x
99R205 x
99R004 x
99R202x

x 99R007
x 99R206 ‡207
x 99R020
x 99R008
⊗ 99R009
‡208

0 50 100 200 300
METERS

LEGEND

- 1400 — Elevation Contour (m)
- Claim Line
- x Sample location, float
- ⊗ Sample location, outcrop

T.N.
↑

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Whitehorse, Y1A 2C6

FOX PROPERTY

Sample Location Map

Steve Traynor, Geologist	
SCALE: 1:5,000	DATE: 99.11.14
NTS: 105 F14	FIGURE: 4
DRAWN: SDT	

**REPORT OF 1999 FIELD ACTIVITIES
FUNDED UNDER YMIP GRANT #99-029**

BY:
STEVE TRAYNOR, B Sc (Honours, Geology)
JANUARY 2000

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INTRODUCTION

This report summarizes prospective exploration funded under Grant #99-029 of the Yukon Mineral Incentives Program (YMIP). A detailed summary of 1999 field activities and copies of field notes are included as Appendix C

Work was completed on VMS targets as proposed in the original application and also on a number of intrusive related gold targets which were added as later amendments.

TARGET A – Upper Sidney Creek Valley

PROJECT SUMMARY

Focusing on prospective lithologies associated with the nearby Bigtop occurrence this work also enabled the author to accumulate important information on regional aspects of this belt of rocks and the nearby Quiet Lake Batholith.

AREA LOCATION AND ACCESS

The area is located 80 kilometers east of Whitehorse and 15 kilometers west of the south Canol Road in south central Yukon. Access to the most westerly target was by helicopter, while the areas peripheral to the Bigtop were accessed via foot and numerous quad trails originating from an all weather camp located at 1,000 meters on the bank of Iron Creek.

PREVIOUS WORK AND EXPLORATION HISTORY

Lees (1936) reported an occurrence of copper stained float in the upper Sidney Creek valley during the first recorded regional mapping of the area. Sporadically active since 1901 the area has supported numerous small placer operations, the most extensive of which focused on lower Iron Creek in the early 1930's. Vein chasing by prospectors (placer miners?) in the late 1970's and early 1980's accounted for the only recorded hard rock exploration activity in the area prior to 1996. During the fall of 1996 a regional reconnaissance program under the direction of the author discovered volcano-sedimentary lithologies prospective for base metals. Ground acquisition followed by grid development and soil geochemical sampling followed. The resulting discovery of a number of Cu-Ag-Pb-Zn anomalies prompted additional staking. In the spring of 1997 an investors syndicate was formed to fund further

exploration on the property that has included airborne geophysics, grid expansion, soil and rock geochemical sampling, machine trenching and limited stratigraphic drilling. Results to date are highly indicative of an environment capable of hosting a Zn-Pb-Cu VMS deposit and the private company that holds the property is reviewing various options to fund a recommended drilling program.

REGIONAL AND GENERAL GEOLOGY

The area is underlain by Yukon-Tanana terrane rocks prospective for base and precious metals. Strong regional enrichment patterns, indicative of massive sulfide mineralization, are found in a wide west-northwest trending band of intermediate to mafic volcanic rocks underlain by various felsic volcanic and sedimentary lithologies. The general geology is correlative with similar stratigraphy hosting volcanogenic massive sulfide (VMS) deposits in the Finlayson Allocthon of the Yukon and the Delta district of Alaska. These deposits are classified as volcano-sedimentary associated Zn-Pb-Cu deposits and typically contain an average of 5.6 million tonnes grading 3.6% Zn, 1.46% Pb, 1.23% Cu, 2 g/t Au and 79 g/t Ag. The most probable location for the deposition of this type of VMS mineralization is above a felsic volcanic centre, particularly at the contact between the volcanics and overlying sediments. Sampling and prospecting completed previously in the area has shown that abundant disseminated sulfide mineralization occurs in sedimentary rocks above the contact with felsic metavolcanic rock that is favourably mineralized with copper, lead, zinc and silver.

DESCRIPTION AND SUMMARY OF WORK

A total of 6 days were spent exploring the area from the camp at Iron Creek. Prospecting of the area around the most westerly creek in the upper Sidney creek valley was supported by helicopter. While quad trails originating from the camp assisted in positioning for ground traverse of areas peripheral to the Bigtop property. A total of six samples were collected during the course of these investigations of which four were submitted for analysis.

While useful in gaining an improved regional perspective, this work failed to locate any significant mineralization. Sampling of a gossanous area along the most westerly creek mentioned above revealed a bright green mineral initially thought to be malachite staining which analysis proved was not.

ANALYSIS AND RESULTS

No significant analysis for base metals were returned for samples that were submitted, although the two samples from the gossanous zone on lower Last Creek both had elevated As and Sb

CONCLUSIONS AND RECOMMENDATIONS

Prospecting indicated that the areas furthest northwest from the Bigtop are to high stratigraphically to be of interest and that the contact between the volcano-sedimentary package and the Quiet Lake Batholith are not prospective, at least in this area, for intrusive related mineralization. The area that may hold some potential begins immediately west of the Bigtop and runs as far west as Last Creek. Unfortunately, deep glaciofluvial deposits cover this area and lack of outcrop presents little opportunity for surface discoveries. A number of interesting EM conductors are known to be present in the area and would be worthy of followup if massive sulfide mineralization is discovered on the Bigtop property in the future. Until this time though no further exploration is recommended for the upper Sidney Creek valley due to the limited opportunity for any significant surface discovery.

TARGET B – Fox Mountains

PROJECT SUMMARY

Work in this area was focused primarily of the Fox property, which was staked just prior to the start of the 1999 field season. A re-evaluation of this area was carried out and resulted in the discovery in of mineralized outcrop and a new float source. A separate report entitled "Evaluation Report on the Fox Property" details the results of these activities and accompanies this report.

The area to the east of the property and south of Barite Mountain was reconaissanced on Sept. 17. Float in the area indicated possible extension of the mineralization seen to the west on the Fox property, but problematic access and late season weather conditions preempted any further investigation.

ADDITIONAL TARGETS – Intrusive Related Gold Reconaissance

A number of areas prospective for their potential to host gold mineralization related to regional granitoid intrusions were added as amendments to the original proposal during the 1999 field season. Three targets which were identified through research completed by the author and his prospecting partner,

Wade Carrell were investigated by prospecting during the course of the season. A discussion of the results of this reconnaissance work follows.

GRANITE CREEK AREA

Located east of the Haines road in the headwaters of Granite Creek, access to the area was accomplished via a well used bush road that starts from the highway some 30 kilometers south of Haines Junction. The road contains a number of poorly drained sections and is not recommended for travel early in the season or during particularly rainy periods.

Cretaceous aged granitic to granodioritic bodies are reported to intrude older metamorphic rocks in the area. Gold has been placer mined from Granite Creek for years, but the area has seen limited hard rock exploration probably due to its proximity to Kluane Park.

A total of 6 days was spent on orientation, reconnaissance and prospecting of the area during the course of the season. Limited stream sediment sampling was also carried out.

This area has seen extensive glaciation and was completely overridden by the most recent ice advances in the area. As a consequence of this, much of the area is till covered and the drainage is poorly developed overall. Outcropping was limited to a few granitic exposures which showed some well developed fracturing and some iron staining. The only other possible signs of mineralization noted in the area were in the ponds at the head of Red Squirrel Creek where iron oxide had accumulated in sufficient quantities as to deeply discolor the surficial deposits in the area. Present and historic sediment sampling in this area indicates anomalous geochemistry, but the source can only be speculated upon due to the depth of till and fluvate accumulations.

Given the poor results, severely limited bedrock exposure, poorly developed drainage, lack of recent geotechnical information and environmental considerations no further work is recommended in this area.

MARSHALL/EMERY CREEK AREA

This area is located just north of the Alaska Highway approximately 25 kilometers east of Haines Junction and is accessible by a short access road that originates from the highway on the west side of the Aishihik Road. Two days were spent in late May to investigate a gossanous area on the heights that is

visible from the highway

Prospecting revealed a number of weathered and iron stained outcrops both at the heights and in the lower elevations. Fresh samples were very difficult to obtain due to the depth of weathering but it was determined that the rock was a metamorphosed terrigenous clastic unit that has been altered by thermal metamorphism from intrusive rocks mapped in the area. The contact between these two rock types could not be located, but observations in the field show that it is further south than previous mapping indicates. No quartz veining, large scale fracturing or signs of economic mineralization were noted in the course of the reconnaissance. The investigation was also hampered by lingering snow cover and numerous snow squalls which intensified throughout the second afternoon.

No further work is recommended in this area at this time.

UPPER SHEEP CREEK AND VICINITY

PROJECT SUMMARY

Aimed at evaluating the regional potential of the area and to assess its specific potential for hosting intrusive related gold mineralization, work in this project area focused on an area that straddles the central section of the south Canol Road.

AREA LOCATION AND ACCESS

Located between approximately Km. 115 and Km. 140 along the south Canol Road, north of Quiet Lake, the area is easily accessible for staging from Whitehorse via the Alaska Highway at Johnson's Crossing. The section of road noted above bisects the plutonic suite of interest and tote roads, in particular the network that originates just north of Upper Sheep Creek and runs east along the north side of the intrusive, provide good access for orientation and reconnaissance

PREVIOUS WORK AND EXPLORATION

Recent recognition of the potential for intrusive related gold mineralization in the Yukon has sparked interest in areas containing Cretaceous aged plutonic suites especially those containing bismuth. Minfile and Geology Program reported occurrences of bismuth related to the intrusions in this area can be found in the literature.

Most previous work in the area has focused on Pb-Ag veins, W-Mo skarns and further to the east,

base metal VMS mineralization. Most of the showings are small and except for some well known occurrences in the area have all lapsed. A number of small 4 claim blocks dot the area to the NW but otherwise there is very little current activity in the area.

REGIONAL AND GENERAL GEOLOGY

Medium to coarse grained granodiorite and quartz monzonite intrude early Palaeozoic terrigenous sediments consisting of grey often graphitic phyllite that is in part limy, and greywacke. Along the margins of the stocks the sedimentary sequences are often altered to show distinctive green color with a lustrous texture due to chloritization of biotite and/or formation of roscelite. Hornfelsing of the finer clastics is also well developed in some areas, especially along Upper Sheep Creek where the rocks are thermally altered to point of imminent garnet formation and epidote is at times abundant.

Abundant quartz veining was noted in a number of areas with veins of quartz and feldspar up to 15cm. in width with pyrite and occasional arsenopyrite.

DESCRIPTION AND SUMMARY OF WORK

Orientation, reconnaissance prospecting and limited sampling was carried out in mid September. A number of gossanous and mineral stained areas of interest along the highway were investigated by traverses that were aimed at investigating the source of these shows and detecting additional indications of indicator mineralization.

Upper Sheep Creek which runs in the direction of the long axis of the pluton was investigated with a number of traverses and orientation of the road system east of the Canol was also completed.

ANALYSIS AND RESULTS

Analysis of samples collected showed slightly anomalous base metal values with some volatile enrichment. Arsenic levels were moderately elevated, but only one sample (99R025) showed moderate precious metal enrichment.

CONCLUSIONS AND RECOMMENDATIONS

Mineralogical evidence of wall rock alteration, hornfels zones along the margins of the stocks and quartz veins carrying pyrite (pyrrhotite ?) and arsenopyrite indicate the potential for more wide spread

mineralization in the area.

The area is easily accessible and there are numerous staging areas for more detailed reconnaissance along the axis of the pluton. A systematic regional sampling program combining stream sediment sampling of all drainage, with followup contour and/or grid soil sampling and detailed prospecting would be recommended. Unfortunately due to the topography in the area and the distances to be covered, the only practical method of carrying out more detailed investigations would be with helicopter support.

APPENDIX A
ROCK SAMPLE REPORT

ROCK SAMPLE REPORT

SAMPLE NUMBER	SAMPLE PARTICULARS	SAMPLE DESCRIPTION	ANALYTICAL HIGHLIGHTS
99S001	Last Creek	Stream sediment from most westerly (Last) creek in upper Sidney Creek valley	Anomalous base and precious metals.
99R002	Last Creek	Druzy argillite with thin sulfide laminae	256 ppm Zn.
99R003	Last Creek	Gossanous quartzite with abundant maraposite(?) as high temperature alteration.	Elevated As and Sb
99R200	Last Creek	Same as 99R003 with more pyrite.	Elevated As and Sb
99S011	Red Squirrel Creek	Stream sediment sample	Elevated Au and As
99S012	Red Squirrel Creek	Stream sediment sample	
99S013	Red Squirrel Creek	Stream sediment sample.	Anomalous Au
99S014	Red Squirrel Creek	Stream sediment sample.	Anomalous Au
99R022	Upper Sheep Creek	Stream sediment from south flowing tributary.	
99R023	Upper Sheep Creek	Chloritically altered quartz-mica schist with quartz veining containing pyrite and arsenopyrite.	
99R024	Upper Sheep Creek	Chloritically altered quartz-mica schist with quartz veining containing pyrite and arsenopyrite.	
99R025	Upper Sheep Creek	Hornfelsed biotite rich sediment with quartz veinlets containing pyrite, angular float in creek.	Elevated Cu and As, trace precious metals
99R214	Upper Iron Creek	Fine grained quartz feldspar granite, lightly iron stained.	
99R215	Upper Iron Creek	Weathered, porphyritic quartz feldspar granodiorite.	
99R223	Upper Sheep Creek	Strongly biotitized quartzo-feldspathic schist.	

APPENDIX B
CERTIFICATES
OF
ANALYSIS



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Geochemical
Lab
Report

MR. STEVE TRAYNOR
BOX 4375
WHITEHORSE, YUKON
Y1A 3T5

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A handwritten signature in black ink, appearing to be 'S. Traynor' or similar, located in the bottom right corner of the page.



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

REPORT: V99-00756.0 (COMPLETE)

REFERENCE:

CLIENT: MR. STEVE TRAYNOR

SUBMITTED BY: S. TRAYNOR

PROJECT: SYDNEY CREEK

DATE RECEIVED: 16-JUL-99 DATE PRINTED: 26-JUL-99

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
990723	1 Au30 Gold	4	5 PPB	Fire Assay of 30g	30g Fire Assay - AA	990723	37 Mo Molybdenum	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLA
990723	2 Ag Silver	4	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	38 SiO2 Silica (SiO2)	2	0.01 PCT	BORATE FUSION	INDUC. COUP. PLA
990723	3 Au Wt1 Test Weight	4	0.01 GM	FIRE ASSAY	FIRE ASSAY-AA	990723	39 TiO2 Titanium (TiO2)	2	0.01 PCT	BORATE FUSION	INDUC. COUP. PLA
990723	4 Cu Copper	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	40 Al2O3 Alumina (Al2O3)	2	0.01 PCT	BORATE FUSION	INDUC. COUP. PLA
990723	5 Pb Lead	4	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	41 Fe2O3* Total Iron (Fe2O3)	2	0.01 PCT	BORATE FUSION	INDUC. COUP. PLA
990723	6 Zn Zinc	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	42 MnO Manganese (MnO)	2	0.01 PCT	BORATE FUSION	INDUC. COUP. PLA
990723	7 Ni Nickel	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	43 MgO Magnesium (MgO)	2	0.01 PCT	BORATE FUSION	INDUC. COUP. PLA
990723	8 Co Cobalt	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	44 CaO Calcium (CaO)	2	0.01 PCT	BORATE FUSION	INDUC. COUP. PLA
990723	9 Cd Cadmium	4	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	45 Na2O Sodium (Na2O)	2	0.01 PCT	BORATE FUSION	INDUC. COUP. PLA
990723	10 Bi Bismuth	4	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	46 K2O Potassium (K2O)	2	0.05 PCT	BORATE FUSION	INDUC. COUP. PLA
990723	11 As Arsenic	4	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	47 P2O5 Phosphorous (P2O5)	2	0.03 PCT	BORATE FUSION	INDUC. COUP. PLA
990723	12 Sb Antimony	4	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	48 LOI Loss on Ignition	2	0.05 PCT	Ignition 1000 Deg.	GRAVIMETRIC
990723	13 Hg Mercury	4	0.010 PPM	HCL:HNO3 (3:1)	COLD VAPOR AA	990723	49 Total Whole Rock Total	4	0.01 PCT		
990723	14 Fe Iron	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	50 Cr2O3 Chromium Oxide	2	0.01 PCT	BORATE FUSION	INDUC. COUP. PLA
990723	15 Mn Manganese	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	51 Ba Barium	2	10 PPM	Pressed Pellet	XRAY FLUORESCENC
990723	16 Te Tellurium	4	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	52 Sr Strontium	2	1 PPM	Pressed Pellet	XRAY FLUORESCENC
990723	17 Ba Barium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	53 Y Yttrium	2	1 PPM	Pressed Pellet	XRAY FLUORESCENC
990723	18 Cr Chromium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	54 Nb Niobium	2	2 PPM	Pressed Pellet	XRAY FLUORESCENC
990723	19 V Vanadium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	55 Zr Zirconium	2	1 PPM	Pressed Pellet	XRAY FLUORESCENC
990723	20 Sn Tin	4	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	990723	56 Rb Rubidium	2	2 PPM	Pressed Pellet	XRAY FLUORESCENC
990723	21 W Tungsten	4	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990723	22 La Lanthanum	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990723	23 Al Aluminum	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990723	24 Mg Magnesium	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990723	25 Ca Calcium	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990723	26 Na Sodium	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990723	27 K Potassium	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990723	28 Sr Strontium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990723	29 Y Yttrium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990723	30 Ga Gallium	4	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990723	31 Li Lithium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990723	32 Nb Niobium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990723	33 Sc Scandium	4	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990723	34 Ta Tantalum	4	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990723	35 Ti Titanium	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990723	36 Zr Zirconium	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBE
T STREAM SED, SILT	1	1 -80	1	DRY, SIEVE -80	1
R ROCK	3	2 -150	3	CRUSH/SPLIT & PULV.	3

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Intertek Testing Services
Bondar Clegg

**Geochemical
Lab
Report**

CLIENT: MR. STEVE TRAYNOR
REPORT: V99-00756.0 (COMPLETE)

PROJECT: SYDNEY CREEK
DATE RECEIVED: 16-JUL-99 DATE PRINTED: 26-JUL-99 PAGE 1A(1/ 8)

SAMPLE NUMBER	ELEMENT	Au30 UNITS	Ag PPB	Au PPM	Wt1 GM	Cu PPM	Pb PPM	Zn PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Hg PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM	Li PPM	Nb PPM	Sc PPM	Ta PPM	Ti PCT	Zr PPM	Mo PPM	SiO2 PCT
995001		16	<.2	5.55	18	17	65	20	9	0.9	<5	19	<5	<.010	2.20	432	<10	165	27	56	<20	<20	15	1.07	0.49	0.37	0.02	0.16	19	9	<2	19	5	<5	<10	0.07	<1	2		
99R002		<5	0.6	30.76	47	<2	256	26	20	0.6	<5	<5	<5	<.010	6.06	861	<10	46	149	172	<20	<20	3	2.95	1.53	0.52	0.16	1.67	9	12	4	69	13	20	<10	0.28	<1	3	64.65	
99R003		7	0.2	32.26	5	<2	28	678	40	0.3	<5	253	13	<.010	3.96	497	<10	19	195	26	<20	<20	<1	0.11	>10.00	2.75	<.01	0.06	151	1	<2	1	<1	<5	<10	<.01	<1	2	38.75	
99R200		<5	0.3	31.42	15	<2	25	611	50	0.3	<5	202	10	<.010	3.86	922	<10	84	197	21	<20	<20	<1	0.16	7.50	5.07	<.01	0.07	104	2	<2	<1	<1	7	<10	<.01	<1	<1		

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PAGE 18(2/ 8)

SAMPLE NUMBER	ELEMEN TIO2		AL2O3		Fe2O3*		MnO	MgO	CaO	Na2O	K2O	P2O5	LOI	Total	Cr2O3	Ba	Sr	Y	Nb	Zr	Rb				
	UNITS	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM				
995001																									
99R002		0.80	13.67		8.28	0.13		2.69	3.01		2.53	2.20		0.13		2.07	100.20		0.03	2464	91	33	4	98	90
99R003		0.05	1.88		5.81	0.07		19.98	4.40		0.01	0.52		<.03		26.92	98.61		0.18	38	169	5	2	5	23
99R200																									



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PROJECT: SYDNEY CREEK

STANDARD NAME	ELEMENT UNITS	Al30	Ag	Au	Wt1	Cu	Pb	Zn	Ni	Co	Cd	Bi	As	Sb	Hg	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	Mo	SiO2	
		PPB	PPM	GM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PCT	
ANALYTICAL BLANK		<5	<2	-	<1	<2	<1	<1	<1	<1	<2	<5	<5	<5	<0.010	<0.01	<1	<10	<1	<1	<1	<20	<20	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<1	<2	<1	<1	<5	<10	<0.01	<1	<1	<0.01	
Number of Analyses		1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		3	0.1	-	<1	1	<1	<1	<1	<1	0.1	3	3	3	0.005	<0.01	<1	5	<1	<1	<1	10	10	<1	<0.01	<0.01	<0.01	<0.01	<1	<1	1	<1	<1	3	5	<0.01	<1	<1	<0.01		
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		5	0.2	<0.01	1	2	1	1	1	0.1	2	5	5	5	0.005	0.05	1	<1	<1	1	1	<1	<1	<1	<0.01	<0.01	<0.01	<0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<0.01	
BCC Au Std.8		1075	-	31.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Number of Analyses		1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mean Value		1075	-	31.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		1070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CANMET LAKE-SED 2		-	0.3	-	36	38	192	24	17	0.9	<5	11	<5	0.149	3.81	1849	<10	224	27	44	<20	<20	57	1.63	0.65	0.65	0.03	0.22	29	29	<2	16	5	6	<10	0.07	2	1	-		
Number of Analyses		-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
Mean Value		-	0.3	-	36	38	192	24	17	0.9	3	11	3	0.149	3.81	1849	5	224	27	44	10	10	57	1.63	0.65	0.65	0.03	0.22	29	29	1	16	5	6	5	0.07	2	1	-		
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Accepted Value		-	0.8	-	36	40	200	23	17	0.8	-	9	1	0.160	3.50	1840	-	-	29	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-		
CANMET STD SY-3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59.62	
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59.62		
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Accepted Value		-	-	-	17	133	244	-	-	-	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	6.22	1.61	-	-	-	-	-	-	-	-	-	-	-	-	-	59.68	
CANMET STREAM-SED 2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Accepted Value		-	0.5	-	43	66	216	47	17	0.8	-	32	3	0.046	4.10	720	-	-	50	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13		
CANMET SO-2 REF STD		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Accepted Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.46	



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

CLIENT: MR. STEVE TRAYNOR
REPORT: V99-00756.0 (COMPLETE)

DATE RECEIVED: 16-JUL-99

DATE PRINTED: 26-JUL-99 PAGE 28(4/ 8)

PROJECT: SYDNEY CREEK

STANDARD NAME	ELEMENT UNITS	TiO2 PCT	Al2O3 PCT	Fe2O3* PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT	Total Cr2O3 PCT	Ba PPM	Sr PPM	Y PPM	Nb PPM	Zr PPM	Rb PPM
ANALYTICAL BLANK		<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.05	<.03	-	<.01	-	-	-	-	-	-
Number of Analyses		1	1	1	1	1	1	1	1	1	-	1	-	-	-	-	-	-
Mean Value		<.01	<.01	<.01	<.01	<.01	<.01	<.01	0.03	0.02	-	<.01	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<1	<1	<1	<1	<1	<1
BCC Au Std.8		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANMET LAKE-SED 2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CANMET STD SY-3		0.16	11.86	6.42	0.32	2.65	8.25	4.14	4.20	0.54	-	98.15	<.01	-	-	-	-	-
Number of Analyses		1	1	1	1	1	1	1	1	1	-	1	1	-	-	-	-	-
Mean Value		0.16	11.86	6.42	0.32	2.65	8.25	4.14	4.20	0.54	-	98.15	<.01	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		0.15	11.80	6.42	0.32	2.67	8.26	4.15	4.20	0.54	1.20	-	-	-	-	-	-	-
CANMET STREAM-SED 2		-	-	-	-	-	-	-	-	-	10.18	-	-	-	-	-	-	-
Number of Analyses		-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Mean Value		-	-	-	-	-	-	-	-	-	10.18	-	-	-	-	-	-	-
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-	-	10.30	-	-	-	-	-	-	-
CANMET SO-2 REF STD		-	-	-	-	-	-	-	-	-	-	-	980	348	42	20	769	74
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1
Mean Value		-	-	-	-	-	-	-	-	-	-	-	980	348	42	20	769	74
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	15.24	-	-	-	-	-	-	-	-	-	1000	340	40	22	760	78



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

CLIENT: MR. STEVE TRAYNOR
 REPORT: V99-00756.0 (COMPLETE)

DATE RECEIVED: 16-JUL-99 DATE PRINTED: 26-JUL-99 PAGE 3A(5/ 8)

PROJECT: SYDNEY CREEK

STANDARD	ELEMENT	Al ₂ O ₃	Ag	Au	Wt1	Cu	Pb	Zn	Ni	Co	Cd	Bi	As	Sb	Hg	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	Mo	SiO ₂	
NAME	UNITS	PPB	PPM	GM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PCT		
Fluorspar Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mean Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intertek Testing Services
Bondar Clegg

**Geochemical
Lab
Report**

CLIENT: MR. STEVE TRAYNOR
REPORT: V99-00756.0 (COMPLETE)

DATE RECEIVED: 16-JUL-99

DATE PRINTED: 26-JUL-99

PAGE 3B(6/ 8)

PROJECT: SYDNEY CREEK

STANDARD	ELEMENT	TiO2	Al2O3	Fe2O3*	MnO	MgO	CaO	Na2O	K2O	P2O5	LOI	Total	Cr2O3	Ba	Sr	Y	Nb	Zr	Rb
NAME	UNITS	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM
Fluorspar Granite		-	-	-	-	-	-	-	-	-	-	-	-	318	28	456	201	298	281
Number of Analyses		-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1
Mean Value		-	-	-	-	-	-	-	-	-	-	-	-	318	28	456	201	298	281
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	-	-	-	-	-	-	-	-	-	-	-	290	29	436	202	300	291



Intertek Testing Services
Bondar Clegg

**Geochemical
Lab
Report**

CLIENT: MR. STEVE TRAYNOR
REPORT: V99-00756.0 (COMPLETE)

DATE RECEIVED: 16-JUL-99 DATE PRINTED: 26-JUL-99 PAGE 4A(7/ 8)

PROJECT: SYDNEY CREEK

SAMPLE NUMBER	ELEMENT	Au30	Ag	Au	Wt1	Cu	Pb	Zn	Ni	Co	Cd	Bi	As	Sb	Hg	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	Mo	SiO2
	UNITS	PPB	PPM	GM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PCT	
99R002		<5	0.6	30.76	47	<2	256	26	20	0.6	<5	<5	<5	<.010	6.06	861	<10	46	149	172	<20	<20	3	2.95	1.53	0.52	0.16	1.67	9	12	4	69	13	20	<10	0.28	<1	3	64.68	
Duplicate																																								



Intertek Testing Services
Bondar Clegg

**Geochemical
Lab
Report**

CLIENT: MR. STEVE TRAYNOR

PROJECT: SYDNEY CREEK

REPORT: V99-00756.0 (COMPLETE)

DATE RECEIVED: 16-JUL-99

DATE PRINTED: 26-JUL-99 PAGE 4B(8/ 8)

SAMPLE NUMBER	ELEMENT	TiO2	Al2O3	Fe2O3*	MnO	MgO	CaO	Na2O	K2O	P2O5	LOI	Total	Cr2O3	Ba	Sr	Y	Nb	Zr	Rb
	UNITS	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM
99R002		0.80	13.67	8.28	0.13	2.69	3.01	2.53	2.20	0.13	2.07	100.20	0.03	2464	91	33	4	98	90
Duplicate											2.06								



Intertek Testing Services
Bondar Clegg

Geochemical
Lab
Report

MR. STEVE TRAYNOR
BOX 4375
WHITEHORSE, YUKON
Y1A 3T5

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+

+

+

A handwritten signature in black ink, appearing to be 'JTB'.



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

REPORT: V99-00870.0 (COMPLETE)

REFERENCE:

CLIENT: MR. STEVE TRAYNOR

SUBMITTED BY: S. TRAYNOR

PROJECT: GRANITE CREEK

DATE RECEIVED: 11-AUG-99 DATE PRINTED: 16-AUG-99

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
990813	1 Au30	4	5 PPB	Fire Assay of 30g	30g Fire Assay - AA	T STREAM SED, SILT	4	1 -80	4	DRY, SIEVE -80	4
990813	2 Au Wt1	4	0.01 GM	FIRE ASSAY	FIRE ASSAY-AA						
990813	3 Ag	4	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	4 Cu	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	5 Pb	4	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	6 Zn	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	7 Mo	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	8 Ni	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	9 Co	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	10 Cd	4	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	11 Bi	4	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	12 As	4	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	13 Sb	4	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	14 Fe	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	15 Mn	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	16 Te	4	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	17 Ba	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	18 Cr	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	19 V	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	20 Sn	4	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	21 W	4	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	22 La	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	23 Al	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	24 Mg	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	25 Ca	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	26 Na	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	27 K	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	28 Sr	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	29 Y	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	30 Ga	4	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	31 Li	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	32 Nb	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	33 Sc	4	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	34 Ta	4	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	35 Ti	4	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990813	36 Zr	4	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						

REPORT COPIES TO: BOX 4375

INVOICE TO: BOX 4375

 This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated



Intertek Testing Services
Bondar Clegg

**Geochemical
Lab
Report**

CLIENT: MR. STEVE TRAYNOR
REPORT: V99-00870.0 (COMPLETE)

PROJECT: GRANITE CREEK
DATE RECEIVED: 11-AUG-99 DATE PRINTED: 16-AUG-99 PAGE 1 OF 3

SAMPLE NUMBER	ELEMENT	Au30	Au	Wt1	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	L1	Nb	Sc	Ta	T1	Zr
	UNITS	PPB	GM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	
995011		24	15.34	<.2	36	14	81	1	32	14	0.2	<5	57	<5	3.59	550	<10	189	63	81	<20	<20	9	2.24	0.97	0.69	0.02	0.18	40	9	6	23	6	7	<10	0.16	<1	
995012		8	15.77	<.2	22	6	53	1	23	10	<.2	<5	9	<5	2.45	392	<10	168	44	50	<20	<20	10	1.31	0.69	0.53	0.02	0.19	26	9	3	16	4	<5	<10	0.14	<1	
995013		16	5.53	<.2	16	8	49	2	23	8	<.2	<5	16	<5	1.97	412	<10	140	49	41	<20	<20	18	1.04	0.49	0.47	0.01	0.10	21	8	3	16	3	<5	<10	0.11	<1	
995014		17	5.29	<.2	17	8	55	1	21	9	<.2	<5	8	<5	2.00	346	<10	178	44	40	<20	<20	15	1.29	0.61	0.55	0.02	0.10	31	8	4	20	3	<5	<10	0.14	<1	



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

CLIENT: MR. STEVE TRAYNOR

PROJECT: GRANITE CREEK

REPORT: V99-00870.0 (COMPLETE)

DATE RECEIVED: 11-AUG-99

DATE PRINTED: 16-AUG-99

PAGE 2 OF 3

STANDARD NAME	ELEMENT	Au30	Au	Wt1	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
	UNITS	PPB	GM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	
ANALYTICAL BLANK		<5	-	<.2	<1	<2	<1	<1	<1	<1	<.2	<5	<5	<5	<.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.01	<1	
Number of Analyses		1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		3	-	0.1	<1	1	<1	<1	<1	<1	0.1	3	3	3	<.01	<1	5	<1	<1	<1	10	10	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	1	<1	<1	3	5	<.01	<1	
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		5	<0.01	0.2	1	2	1	1	1	1	0.1	2	5	5	0.05	1	<1	<1	1	1	<1	<1	<1	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<1	<1	<1	<1	<.01	<1	
Oxide (feldspar & Number of Analyses	942	30.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mean Value	942	30.87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value	968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CANMET STREAM-SED 4		-	-	<.2	60	13	75	2	22	10	0.3	<5	12	<5	2.86	1170	<10	756	26	45	<20	<20	12	1.09	0.68	1.14	0.04	0.09	56	10	3	8	3	<5	<10	0.06	<1	
Number of Analyses		-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Mean Value		-	-	0.1	60	13	75	2	22	10	0.3	3	12	3	2.86	1170	5	756	26	45	10	10	12	1.09	0.68	1.14	0.04	0.09	56	10	3	8	3	3	5	0.06	<1	
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		-	-	0.3	66	13	82	2	23	11	0.6	-	11	4	2.60	1200	-	-	30	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

CLIENT: MR. STEVE TRAYNOR
 REPORT: V99-00870.0 (COMPLETE)

PROJECT: GRANITE CREEK
 DATE RECEIVED: 11-AUG-99 DATE PRINTED: 16-AUG-99 PAGE 3 OF 3

SAMPLE NUMBER	ELEMENT	Au30	Au	Wt1	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
	UNITS	PPB	GM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM
995011		24	15.34	<.2	36	14	81	1	32	14	0.2	<5	57	<5	3.59	550	<10	189	63	81	<20	<20	9	2.24	0.97	0.69	0.02	0.18	40	9	6	23	6	7	<10	0.16	<1	
Duplicate		17	5.28	<.2	33	14	75	1	31	13	<.2	<5	58	7	3.29	503	<10	174	55	75	<20	<20	9	2.06	0.89	0.64	0.02	0.17	35	8	5	21	5	6	<10	0.14	<1	



Intertek Testing Services
Bondar Clegg

Geochemical
Lab
Report

MR. STEVE TRAYNOR
BOX 4375
WHITEHORSE, YUKON
Y1A 3T5

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A handwritten signature in black ink, appearing to be 'JTB' or similar, located in the bottom right corner of the page.



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

REPORT: V99-01075.0 (COMPLETE)

REFERENCE:

CLIENT: MR. STEVE TRAYNOR
PROJECT: SHEEP

SUBMITTED BY: S. TRAYNOR
DATE RECEIVED: 16-SEP-99 DATE PRINTED: 21-SEP-99

DATE APPROVED	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD	SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
990921	1 Au30 Gold	4	5 PPB	Fire Assay of 30g	30g Fire Assay - AA	T STREAM SED, SILT	1	1 -80	1	CRUSH/SPLIT & PULV.	5
990921	2 Ag Silver	5	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	R ROCK	4	2 -150	4		
990921	3 Cu Copper	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	REMARKS: IS indicates Insufficient Sample					
990921	4 Pb Lead	5	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	REPORT COPIES TO: BOX 4375					
990921	5 Zn Zinc	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	INVOICE TO: BOX 4375					
990921	6 Mo Molybdenum	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	*****					
990921	7 Ni Nickel	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated					
990921	8 Co Cobalt	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA	*****					
990921	9 Cd Cadmium	5	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	10 Bi Bismuth	5	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	11 As Arsenic	5	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	12 Sb Antimony	5	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	13 Hg Mercury	5	0.010 PPM	HCL:HNO3 (3:1)	COLD VAPOR AA						
990921	14 Fe Iron	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	15 Mn Manganese	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	16 Te Tellurium	5	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	17 Ba Barium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	18 Cr Chromium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	19 V Vanadium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	20 Sn Tin	5	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	21 W Tungsten	5	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	22 La Lanthanum	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	23 Al Aluminum	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	24 Mg Magnesium	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	25 Ca Calcium	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	26 Na Sodium	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	27 K Potassium	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	28 Sr Strontium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	29 Y Yttrium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	30 Ga Gallium	5	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	31 Li Lithium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	32 Nb Niobium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	33 Sc Scandium	5	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	34 Ta Tantalum	5	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	35 Ti Titanium	5	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						
990921	36 Zr Zirconium	5	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA						



Intertek Testing Services
Bondar Clegg

**Geochemical
Lab
Report**

CLIENT: MR. STEVE TRAYNOR
REPORT: V99-01075.0 (COMPLETE)

DATE RECEIVED: 16-SEP-99 DATE PRINTED: 21-SEP-99 PAGE 1 OF 2

PROJECT: SHEEP

SAMPLE NUMBER	ELEMENT	Al ₂ O ₃	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Hg	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
	UNITS	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	
99S022	IS	<.2	29	27	92	<1	39	19	0.3	<5	23	<5	0.026	4.02	357	<10	98	37	34	<20	<20	35	2.13	0.77	0.59	0.03	0.41	37	10	3	28	3	<5	<10	0.08	<1	
99R023		<5	0.3	40	<2	72	2	122	17	0.3	<5	57	<5	0.011	4.19	432	<10	86	336	42	<20	<20	6	1.40	2.82	6.26	<.01	0.03	138	5	<2	34	2	6	<10	0.01	3
99R024		<5	0.4	92	3	81	3	122	28	0.3	<5	30	<5	0.011	5.59	459	<10	222	306	57	<20	<20	24	1.51	3.16	7.06	0.01	0.07	200	10	<2	29	3	8	<10	0.04	9
99R025		6	1.7	235	36	39	1	105	52	0.7	6	97	<5	0.014	6.15	129	<10	12	155	7	<20	<20	23	0.28	0.06	0.14	0.03	0.06	4	6	<2	4	<1	<5	<10	<.01	<1
99R223		<5	<.2	63	<2	78	<1	41	25	<.2	<5	<5	<5	0.010	6.31	449	<10	321	119	90	<20	<20	16	3.01	1.23	0.22	0.04	1.49	7	6	7	77	5	12	<10	0.20	<1



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

CLIENT: MR. STEVE TRAYNOR
REPORT: V99-01075.0 (COMPLETE)

PROJECT: SHEEP
DATE RECEIVED: 16-SEP-99 DATE PRINTED: 21-SEP-99 PAGE 2 OF 2

STANDARD NAME	ELEMENT Au30	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Hg	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr	
	UNITS	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	
ANALYTICAL BLANK		<5	<.2	<1	<2	<1	<1	<1	<.2	<5	<5	<5	<.010	<.01	<1	<10	<1	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<2	<1	<1	<5	<10	<.01	<1	
Number of Analyses		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		3	0.1	<1	1	<1	<1	<1	0.1	3	3	3	0.005	<.01	<1	5	<1	<1	<1	10	10	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	1	<1	<1	3	5	<.01	<1	
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value		5	0.2	1	2	1	1	1	0.1	2	5	5	0.005	0.05	1	<1	<1	1	1	<1	<1	<1	<.01	<.01	<.01	<.01	<.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Oxide (feldspar & Number of Analyses	969	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mean Value	969	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Standard Deviation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Accepted Value	968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BCC GEOCHEM STD 5		-	0.6	85	7	73	<1	34	19	0.2	<5	<5	<5	0.048	4.74	682	<10	190	50	121	<20	<20	7	3.18	1.63	1.05	0.06	0.31	38	8	5	23	7	10	<10	0.20	8
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.6	85	7	73	<1	34	19	0.2	3	3	3	0.048	4.74	682	5	190	50	121	10	10	7	3.18	1.63	1.05	0.06	0.31	38	8	5	23	7	10	5	0.20	8
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.7	95	11	80	2	40	18	0.1	1	8	1	0.044	4.74	720	<1	200	54	133	4	2	5	3.09	1.83	1.08	0.06	0.32	39	9	4	-	1	18	1	-	9

APPENDIX C

**SUMMARY OF PROSPECTING ACTIVITIES
AND FIELD NOTES**

(margin notes from field maps have
been incorporated into report text)

Synoptic Log – YMIP 99-029, Steve Traynor

- May 22-24, 1999 -Granite Creek access reconnaissance and area orientation (05/22)
-Marshall Creek access reconnaissance, camp setup and prospecting of creek and lower elevation areas (05/23).
-Prospected the area at elevation and investigated visible gossans (05/24).
-SDT and WSC
- June 12&13, 1999-Fox Creek access reconnaissance and general area orientation (06/12).
-Aerial reconnaissance of Fox property and check road access to Sidney Creek valley (06/13).
-SDT and WSC.
- June 29&30, 1999-Mobilize to Sidney Creek valley, corduroy washouts on access road and setup camp at Iron Creek (06/29).
-Prospect most westerly creek in upper Sidney Creek valley (06/30)
-SDT and WSC.
- July 3-9, 1999 -Mobilization from Whitehorse to Ross River, helicopter setout on Fox property and camp setup (07/03).
-Upper Brie Creek reconnaissance and prospecting (07/04)
-Stake Fox 7-12 claims, Brie Creek float sampling, prospect NE end of property (07/05)
-Prospect Cirque Creek area and surrounding ridges, identify new showing (07/06)
-Prospect backside of mountain south of Brie Creek and NW of property block (07/07).
-Prospect Canyon Creek area and ridge flanking lower end of Brie Creek (07/08).
-Breakdown camp, demobilization to Ross River and return to Whitehorse (07/09).
-SDT, WSC and ES.
- July 11-15, 1999 -Mobilization, camp setup and investigate secondary drainage in upper cirque (07/11)
-Traverse east of camp and investigate granite outcroppings in next valley over (07/12).
-Investigate upper Red Squirrel Creek drainage, collect stream sediments (07/13).
-Prospect area of upper Granite Creek (07/14).
-Investigate outcroppings and drainage along and parallel to access road and demobilize (07/15)
-SDT and WSC.
- July 17-20, 1999 -Reconnaissance and prospecting NW along extension of Bigtop ridge(07/17).
-Prospect west across Little Beaver Creek to investigate possible extension of known conductors in the area (07/18)
-Propsect north of Bigtop to locate and investgate granite contact (07/19 & 20)
-SDT and WSC.
- August 12, 1999 -Prospecting and sampling of Fox claims during property visit (08/12).
-SDT
- Sept. 12-17, 1999-Prospecting and reconnaissance of Canol Road between Km. 118 and 134 (09/12)
-Investigate area west of Km 134 and local drainage (09/13).
-Prospect gossanous area east of Km 146 (09/14)
-Reconnaissance, propsecting and sampling of Upper Sheep Creek (09/15 & 16)
-Access reconnaissance and prospecting south of Barite Mountain to investigate possible extension of stratigraphy from Fox property (09/17).
-SDT and WSC.

No
Date

June 12 & 13

Page

- South Canal Recon

229600 km

230859

No.
Date

Upper Sidney Creek

- 286 / 75°N (Foliation?)

Argillite at times qtz rich
but also drusy with
sulfide laminae

→ just below 99R002

99R200

Heavily gossanned mafic
felsic ^(?) mix. Certainly lots of
free quartz and sections
that look like veined felsics.
May also contain larger
quartz veins - One area of
bright green malachite
stamping(?) appears to be part
of compositional layering
* Just down the creek is
another 3-5m band of same material

No.
Date Page

No. FOX Reason/Prospecting
Date Page

Qtz veining up to $\frac{1}{2}$ cm
is definitely X-cutting
Took sample 99R003 from
downstream of first sample -

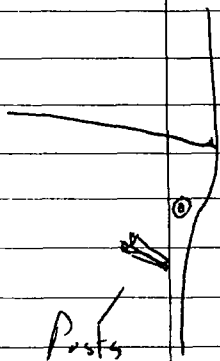
99R004 Upper Brie Ch.
Banded pyrite, cpy, sphal. in
in 3m x $\frac{1}{2}$ m boulder. Qtz rich
felsic(?). Bands 5-10 cm.
Sample is high grade of
mineralization.

Picture 1A taken uphill at a
bearing of 070°. Showing
over-thrust sheet.

230 / 40° NW

Risby's old
claim posts are just
below the drill hole

006/62^{SP} Drill hole bearing



(Pic 15) A sample
site 99R004, note claim
posts in background.

(2-1)

260/35°NW

~~Phy~~ Graphitic phyllite with qtz
Carbonate veins.

(2-2)

99R203

qtz rich float with
minor phyllite remnants. With
spotty cu stain and sulfides. Pyrite,
possibly sphal. & chalc.
Subangular, 30cm piece.

↓
10m - more subangular float
up

↓
20m - qtz float with
malchite stain
up

(2-3) Fist sized piece of float
contains high grade pyrite, sphal.,
galena as fine grained layer
1-2cm thick.

(2-4) 99R005A, 2x1.5m float
boulder. Qtz rich with phylite
remnants and banded sulfides
pyrite, sphalerite, galena and
chralco. Chip sample across
mineralization for 15cm.

(2-5) Float boulder 2x2x.5m
Qtz rich with high grade Pd/Zn
layers to 15-20cm. High grade
sample of mineralized layer.
99R006

(3-1) Just along the line
(120°) from post.

Well developed scree slope with
abundant quartz-carbonate veining
in Qtz rich boulders and phyllites.

Angular chunk 30cm x 15cm
carrying 1 to 2cm bands of ~~band~~
py. sphal. - chralco throughout. ^{contains} phyllite
remnants

Wet Sample 99R206 as high grade
and 99R007 as representative
sample.

(3-2) 75m upslope from
(3-1) - 30cm x 20cm
angular talus block of
solid sulphides. Took sample
99R008

(3-3)

294/38°N

Very graphitic, at times
lustrous phyllite in etc.

The scree slope that we
traced float back up is a
dip slip slope and this etc
is at the top.

Pictures 20 and 21 taken
at upper limit of mineralized
float in scree slope. Wade
is sitting by probable etc.
(Sample 99R207). Other picture
is looking north down scree slope
to Cirque Creek.

Prospected back of ridge,
next canyon and steeper
slope for mineralized float.
Overburden is too deep.

Took pictures of outcrop
(high grade showing)

July 9/99

Work other side of valley.
Wade found large float and
possible etc. west of common
line of 5 & 6 claims. I found
large well mineralized piece in etc
on common line at 100 m
upslope from 5 & 6 #1 post in
small drainage channel

(4-1) Just uphill and left
from 516(2) and 718(1)
posts. Note that
previous workers had questioned!
Took sample 99R009,
high grade mineralization
from felsic rich area.

Granite Creek recon &
access orientation.

- Granite etc. with dikes(?)
or blocks of country rock
oriented 340°

Dominant fracture set trends
at 45°

995011

& stream sed at old GSC location.

99R010 ERMS
FLOAT SAMPLE

- located old trenching
on Summit claims

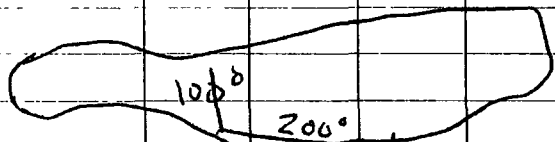
No
Date

Page

No
Date

Page

CD Above little lake - headwaters Red
Picture of fractures (#2) ^{Squand}



Mostly vertical, show
deposition of quartz material
with much iron staining.

7-13-2 Took 99 5012

Granite creek.
233226
233490

Indian and Northern Affairs Canada / Affaires indiennes et du Nord Canada
Northern Affairs Program / Programme des affaires du Nord

Mineral Rights / Droits miniers

105F-10
QUARTZ & PLACER
 LATITUDE 61° 30' TO 61° 45'
 LONGITUDE 138° 30' TO 138° 00'
 ISSUED UNDER THE AUTHORITY OF THE MINISTER OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
 SCALE 1:31,000

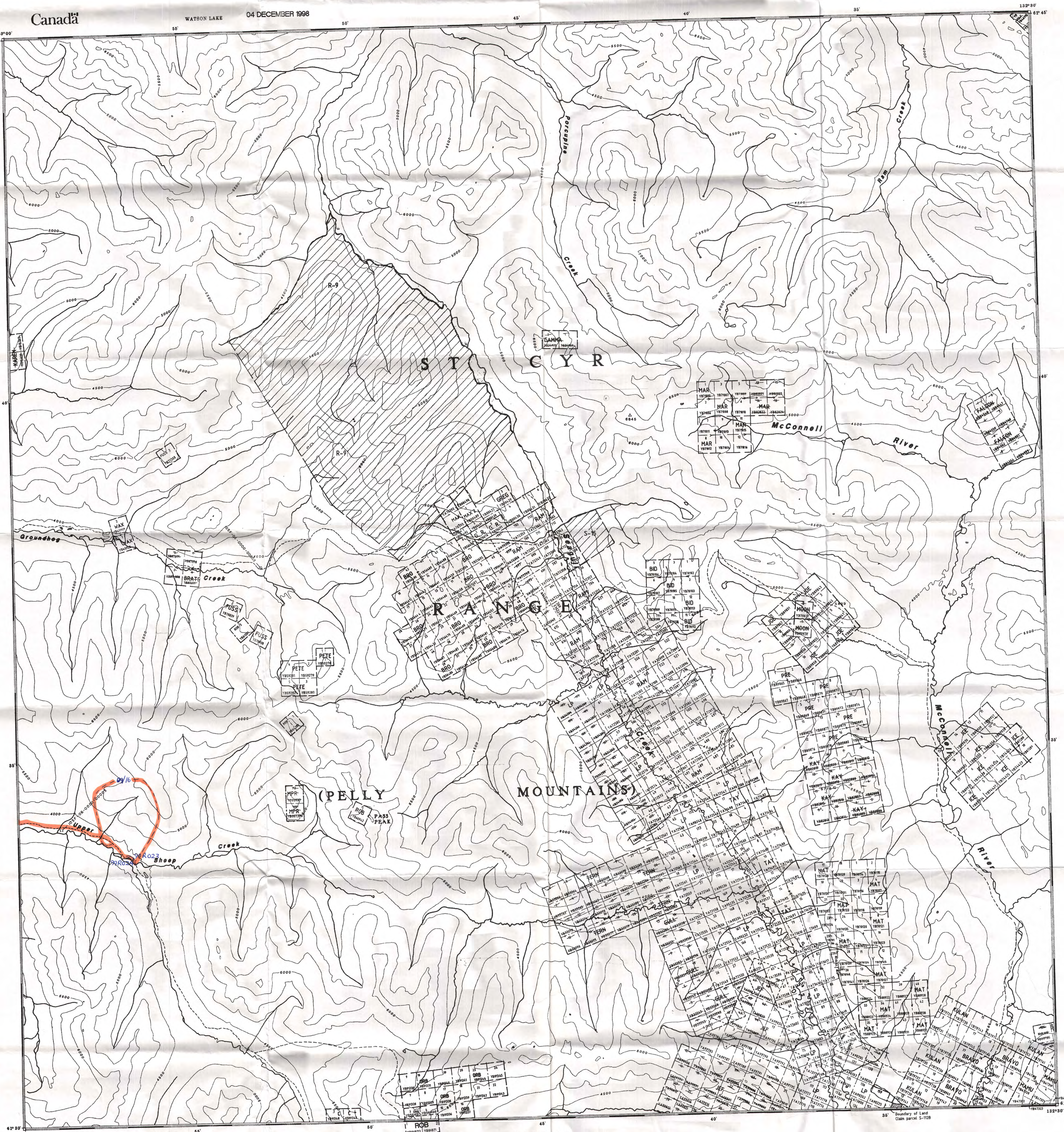


NOTE:
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 TOPOGRAPHY COMPILED FROM 1:50,000 NATIONAL TOPOGRAPHIC SERIES.
 CONTOUR INTERVAL 500 FEET.
 SURVEY INFORMATION COMPILED FROM LEGAL SURVEYS, BY DRAFTING SERVICES.
 Note: Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights.

105F-14	105F-15	105F-16
105F-11	105F-10	105F-9
105F-6	105F-7	105F-8

Canada

WATSON LAKE 04 DECEMBER 1998



Vertical text on the right edge of the map.

NOTICE

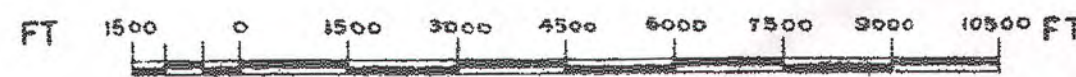
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SEE ADJACENT MAP SHEET(S) EDGES FOR ADJOINING MINERAL CLAIMS NOT SHOWN ON THIS MAP

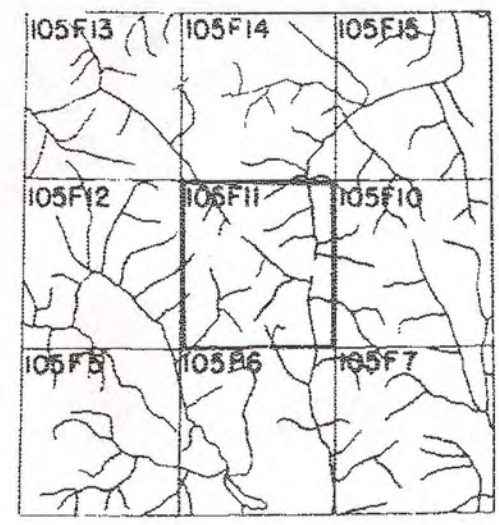
SHEET 105F - 11

CANADA
DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
NORTHERN ADMINISTRATION AND LANDS BRANCH
LANDS DIVISION

SCALE 1/2 MILE TO 1 INCH



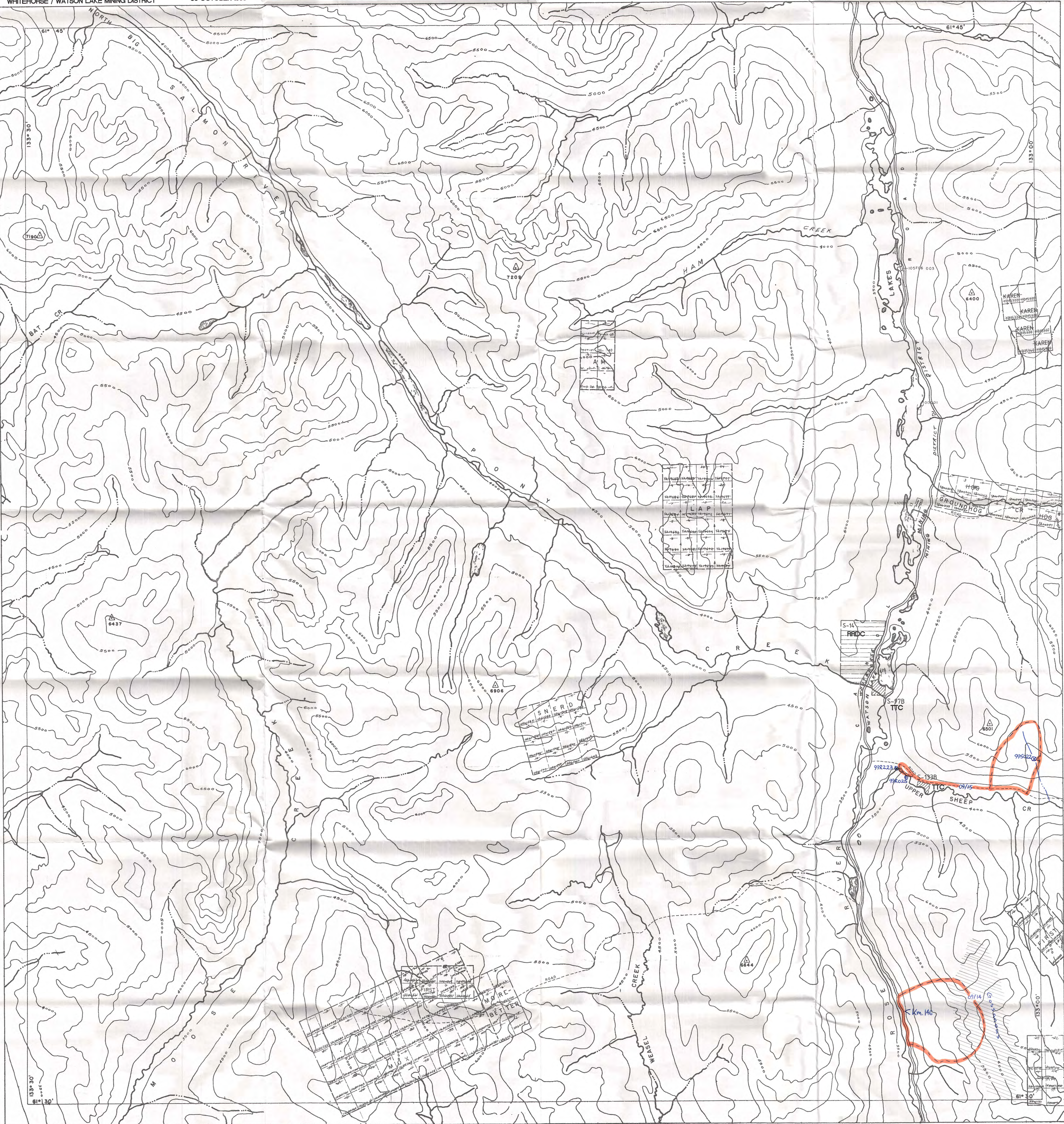
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Note Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights

WHITEHORSE / WATSON LAKE MINING DISTRICT

30 OCTOBER 1998



VERTICAL PHOTOGRAPHY
AND PHOTOGRAMMETRY
LIBRARY
WATERLOO, ONTARIO, CANADA

SHEET 115A-14

LATITUDE 60°45' To 61°00'
LONGITUDE 137°00' To 137°30'

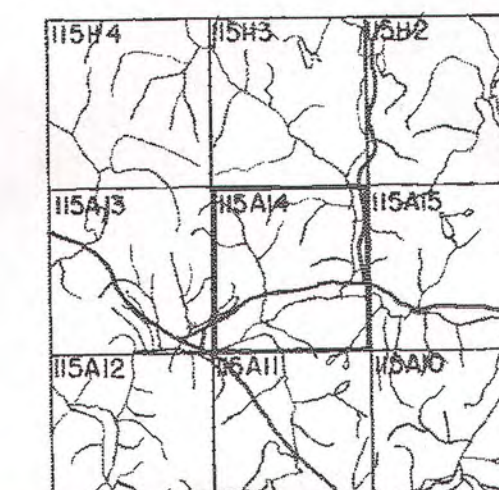
CANYON

CANADA
DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
NORTHERN ADMINISTRATION AND LANDS BRANCH
LANDS DIVISION

SCALE: 1/2 MILE TO 1 INCH

FT 1500 0 1500 3000 4500 6000 7500 9000 10500

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OF
NORTHERN AFFAIRS AND NATIONAL RESOURCES



SEE ADJACENT MAP SHEET(S) EDGES
FOR ADJOINING MINERAL CLAIMS
NOT SHOWN ON THIS MAP

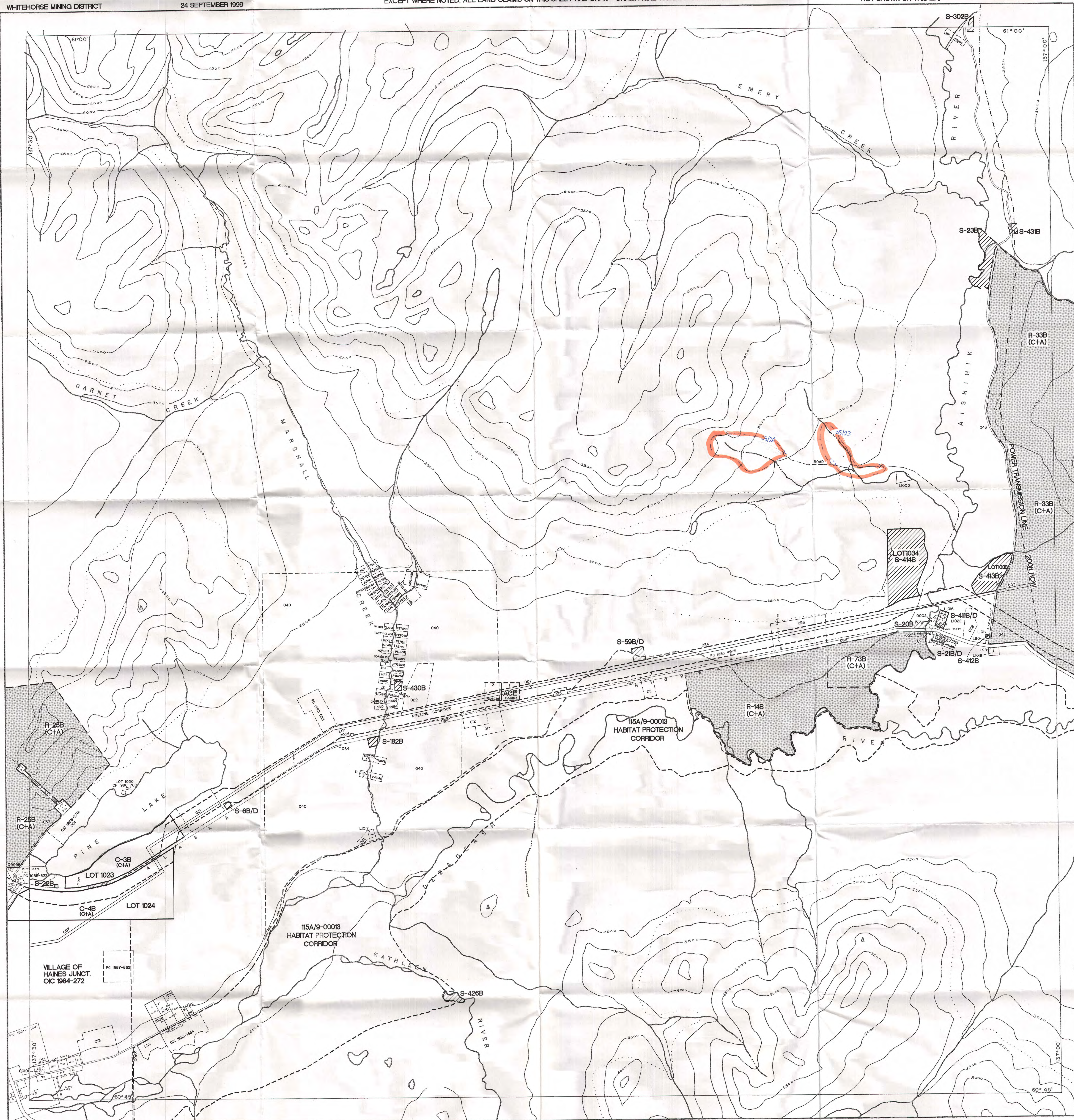
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WHITEHORSE MINING DISTRICT

24 SEPTEMBER 1999

EXCEPT WHERE NOTED, ALL LAND CLAIMS ON THIS SHEET ARE CAFN - CHAMPAGNE-AISHIHIK FIRST NATION



SHEET 115-A-10

LATITUDE 60°30' TO 60°45'
LONGITUDE 136°30' TO 137°00'

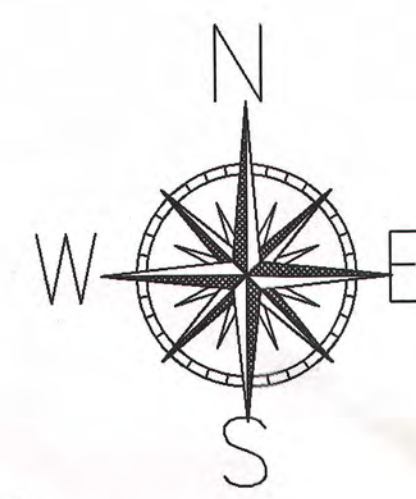
MT. BRATNOBER

CANADA
DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
NORTHERN ADMINISTRATION BRANCH
RESOURCES DIVISION

SCALE 1/2 MILE TO 1 INCH

FT 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

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115-A-14	115-A-15	115-A-16
115-A-11	115-A-10	115-A-9
115-A-6	115-A-7	115-A-8

SEE ADJACENT MAP SHEET(S) EDGES
FOR ADJOINING MINERAL CLAIMS
NOT SHOWN ON THIS MAP

NOTICE

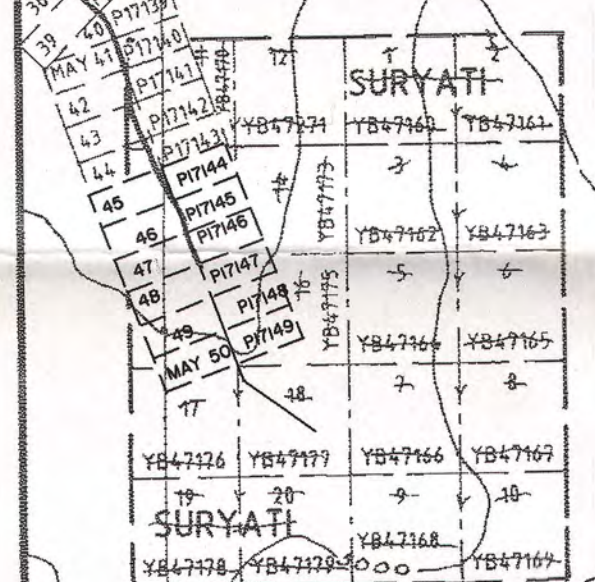
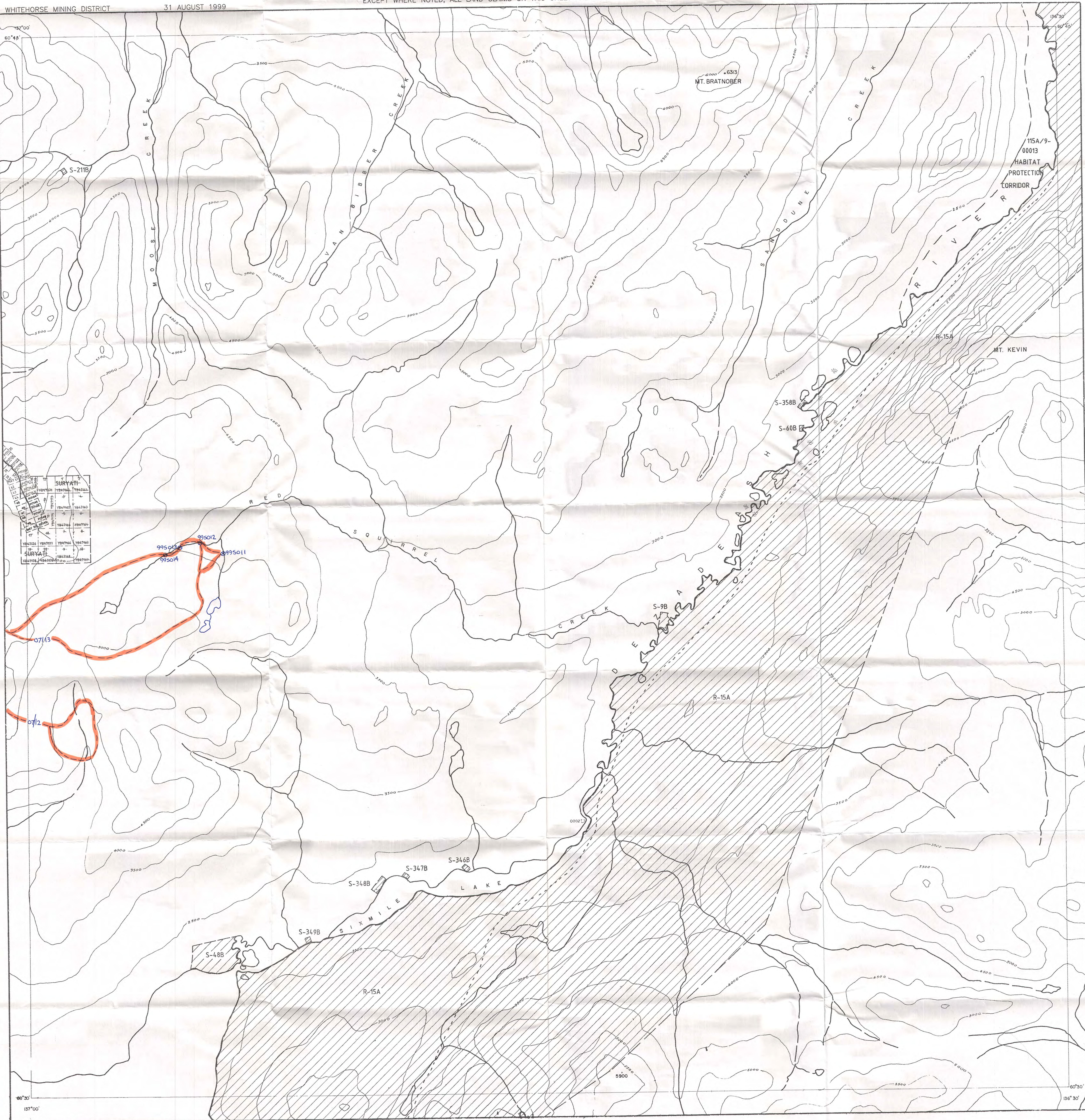
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YUKON ENERGY MINES
& RECONSTRUCTION
Whitehorse, Yukon Y1A 2G8

WHITEHORSE MINING DISTRICT

31 AUGUST 1999

EXCEPT WHERE NOTED, ALL LAND CLAIMS ON THIS SHEET ARE CAFN = CHAMPAGNE-AISHIHIK FIRST NATION



SHEET 115A-II

LATITUDE 60°30' To 60°45'
LONGITUDE 137°00' To 137°30'

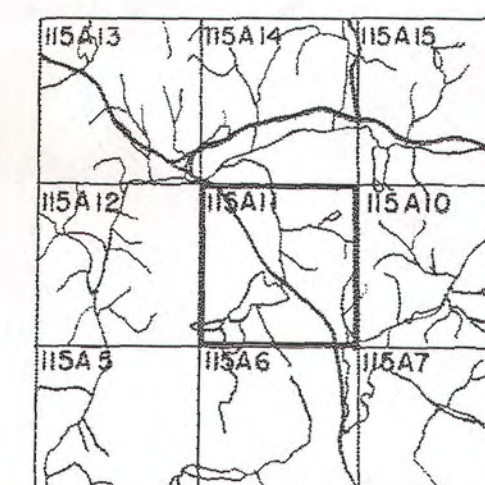
KATHLEEN LAKES

CANADA
DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
NORTHERN ADMINISTRATION AND LANDS BRANCH
LANDS DIVISION

SCALE: 1/2 MILE TO 1 INCH

FT. 1000 2000 3000 4000 5000 6000 7000 8000 9000 FT.

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OF NORTHERN AFFAIRS AND NATIONAL RESOURCES



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AND TECHNICAL SURVEY
AND MAPPING BRANCH
NORTHWEST TERRITORIES

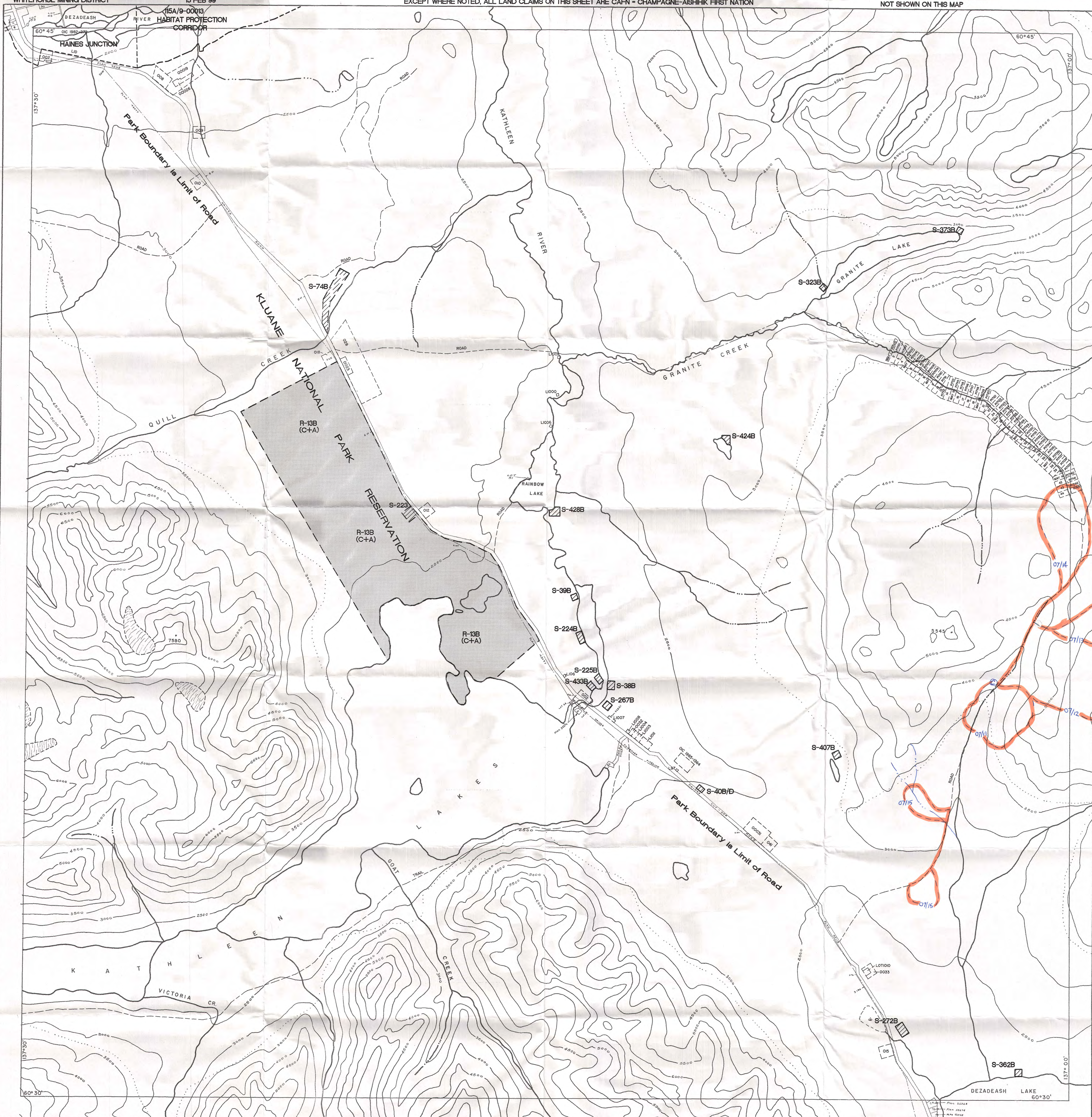
NOTICE

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WHITEHORSE MINING DISTRICT 15 FEB 99

EXCEPT WHERE NOTED, ALL LAND CLAIMS ON THIS SHEET ARE CAFN = CHAMPAGNE-AISHIHK FIRST NATION

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FOR ADJOINING MINERAL CLAIMS
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30 OCTOBER 1998

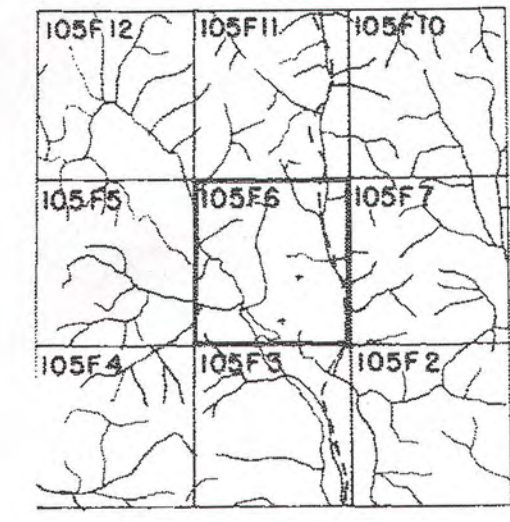
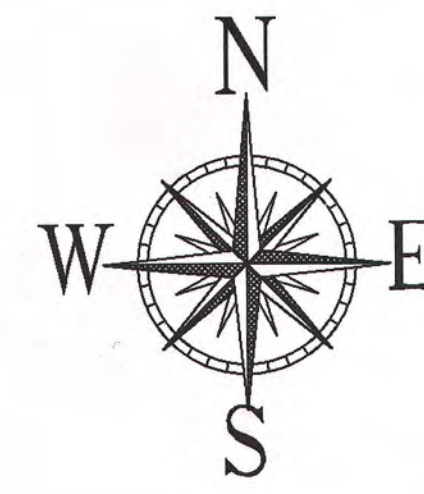
SHEET 105F-6

LATITUDE 61° 15' TO 61° 30'
LONGITUDE 133° 00' TO 133° 30'

CANADA
DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
NORTHERN ADMINISTRATION AND LANDS BRANCH
LANDS DIVISION

SCALE 1/2 MILE TO 1 INCH
FT 1500 0 1500 3000 4500 6000 7500 9000 10500 FT

ISSUED UNDER THE AUTHORITY OF THE MINISTER OF NORTHERN AFFAIRS AND NATIONAL RESOURCES



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EXCEPT WHERE NOTED, ALL LAND CLAIMS ON THIS SHEET ARE TTC - TESLIN TLINGIT COUNCIL

WHITEHORSE / WATSON LAKE MINING DISTRICT

