

115 H 4

PROSPECTUS  
CONFIDENTIAL  
OPEN FILE

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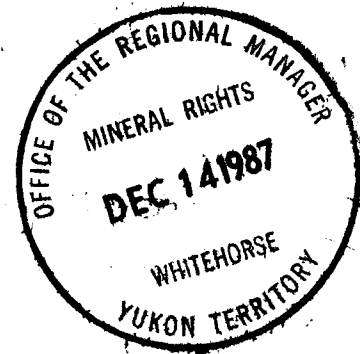
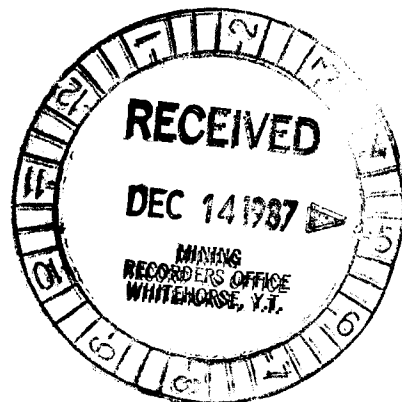
MINING DISTRICT: Whitehorse  
TYPE OF WORK: Geochemical

09 1985

REPORT FILED UNDER:	J. Peter Ross		
DATE PERFORMED:	August 1987	DATE FILED:	December 14, 1987
LOCATION: LAT.:	61°09'N	AREA:	Ruby Range
LONG.:	137°40'W	VALUE \$:	700.00
CLAIM NAME & NO.:	CLIFF 1-7 YA96116-YA96122		

WORK DONE BY:	J. Peter Ross
WORK DONE FOR:	J. Peter Ross

DATE TO GOOD STANDING	REMARKS:
	#30 SPRUCE



GEOCHEMICAL REPORT

CLIFF 1-7 CLAIMS

(YA96116 -YA96112)

Claim Sheet 115H/4

Latitude 61° 09'; Longitude 137° 40'

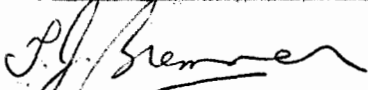
Report by

J. Peter Ross  
Box 4842  
Whitehorse,  
Yukon Territory  
Canada Y1A 4N8

Work done August 17, 18, 19 and 24, 1987

09 1985

This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 700.00.

*for*   
Regional Manager, Exploration and  
Geological Services for Commissioner,  
of Yukon Territory.

CLIFF PROPERTY

Introduction

Staked in 1986 by J. Peter Ross on the basis of a geochemical survey - released by the government in Aug. 1986.

Property, Location and Access

The Cliff property consists of 7 contiguous claims recorded by J. Peter Ross and registered in the Whitehorse Mining District as follows:

<u>Claim Name</u>	<u>Record Numbers</u>	<u>Expiry Date</u>
Cliff 1-7	YA96118-YA96122	5 Sept. 1988

<u>Location</u>	<u>Claim Map</u>
Lat. 61° 09' - Long. 137° 40'	115H/4

Access in 1987 was by helicopter, and 38 miles north of Haines Junction, YT.

Previous Work

No history of former work or old posts were found.

Physiology and Glaciation

The area has been recently glaciated. Many bedrock exposures are present - some even at low elevations. Treeline is plus or minus 4500' depending on north or south exposures.

Geology and Mineralization

The property lies within the Coast Plutonic Complex. The rock type (paper 73-41) is Hornfelsed Schist of the Proterozoic and/or Paleozoic Age. Nearby is an intrusion of the Ruby Range Granodiorite of the Mesozoic Age. A fault zone may go through Killermun Lake. From west of Killermun Lake a white line(?) can be seen just above the base lines of Cliff 2-7. No mineralization was found.

Geochemistry

Silt samples were taken from four gullies. Silver, lead, copper, zinc, nickel, and mercury were low. Samples P5-P9 were anomalous for arsenic and gold. Intervals were 300 paces.

Discussion

P5-P9 suggest a gold-arsenopyrite vein outside the boundaries of the Cliff 1-7 claims. More claims, Cliff 8-14 were staked in 1987 to cover open ground past P9. Cliff 1-7 should be kept and work done in 1988 on Cliff 8-14.

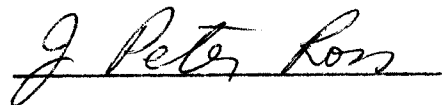
TECHNIQUES OF GEOCHEMICAL ANALYSIS

Silts were screened to -80 mesh. Gold samples were 30 gm. and done by fire assay (5PPB detection). Silver, lead, arsenic, copper, zinc and nickel - HNO<sub>3</sub> - HCL, hot extraction and plasma. Mercury, HNO<sub>3</sub> - HCL - hot extr. and cold vapour AA

QUALIFICATIONS

I, J. Peter Ross do hereby declare:

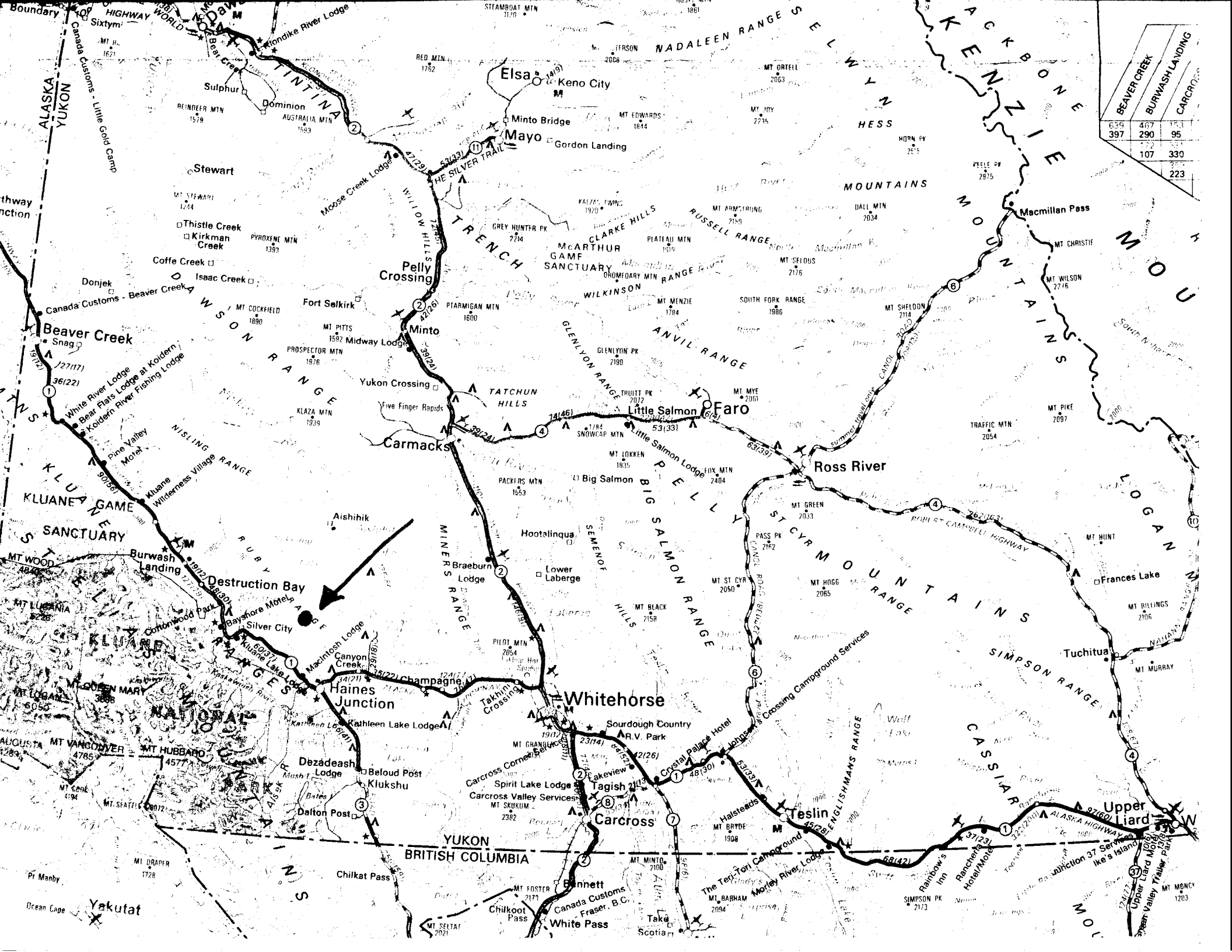
1. I graduated from McGill University in 1970 with s B.Sc. (General Science)
2. I have taken three Prospecting Courses  
1974 B.C. and Yukon Chamber of Mines  
1978 UKHM Staff Course  
1987 Yukon Chamber of Mines (Advanced)
3. I have practical experience as a prospector.



J. Peter Ross, B.Sc.

STATEMENT OF EXPENDITURE

Preparation of Report	70.00
Labour August 17,18,19,24 @ \$50/day	200.00
Camp and Misc. @ \$35/day	140.00
Transportation - truck and helicopter	132.00
Geochemical Samples - 9x18.50	<u>166.50</u>
	708.50



SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	Pb PPM	As PPM	Cu PPM	Zn PPM	Ni PPM	Hg PPB
S1 P-1		30	0.5	18	122	105	151	96	20
S1 P-2		5	<0.5	7	89	74	110	97	10
S1 P-3		35	<0.5	<5	112	114	105	80	10
S1 P-4		30	<0.5	<5	128	88	101	78	5
S1 P-5		320	<0.5	5	215	112	109	92	<5
S1 P-6		45	<0.5	<5	169	120	114	98	5
S1 P-7		70	<0.5	6	235	110	114	98	10
S1 P-8		35	<0.5	10	188	106	110	78	10
S1 P-9		400	<0.5	9	206	73	100	70	<5

