

MAP NO.: 115 II 4
ASSESSMENT REPORT X
PROSPECTUS X
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 092582
MINING DISTRICT: Whitehorse
TYPE OF WORK: Geochemical

REPORT FILED UNDER: J.P. Ross

DATE PERFORMED: 21 June-11 October, 1989

DATE FILED: 26 October, 1988

LOCATION: LAT.: 61°13'N

AREA: Killermun Lake

LONG.: 137°40'W

VALUE \$: 900.00

CLAIM NAME & NO.: ARC 1-9 (yb07826-34)

WORK DONE BY: J.P. Ross

WORK DONE FOR: J.P. Ross

DATE TO GOOD STANDING:

REMARKS: #32 SHUT

Gold occurs with pyrite and arsenopyrite in vuggy quartz vein material. Grab samples returned values of 10.9 g/t Au.



M.R. file no.

R.M.M.R. file no.

Date forwarded
28 October 1988

TRANSMITTAL FORM

From Mining Recorder at: *W.H.S.R.*

To Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

<input type="checkbox"/> NEW APPLICATION FOR PLACER LEASE TO PROSPECT	Name	
<input type="checkbox"/> RENEWAL APPLICATION PLACER LEASE TO PROSPECT	Name	Lease no.
<input type="checkbox"/> AFFIDAVIT OF EXPENDITURE ON PLACER LEASE	Name	Lease no.
<input type="checkbox"/> SECURITY DEPOSIT		
<input type="checkbox"/> FINANCIAL ABILITY		
<input type="checkbox"/> ASSIGNMENT OF PLACER LEASE NO.	From	To
<input type="checkbox"/> GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT.	Owner	
<input type="checkbox"/> DIAMOND DRILL LOGS	Claims	Claim sheet no.
<input checked="" type="checkbox"/> QUARTZ ASSESSMENT REPORT	Claims <i>ARC 1-9 4807826-4807834</i>	Claim sheet no. <i>115-H-4</i>
	Type of report <i>Geoch. Report</i>	Submitted by <i>J.P. Ross</i>
	Cls. work performed on <i>ARC 1-9</i>	\$ req. for ren. application <i>900.00</i>

[Signature]
Signature

092582

REPLY ACTION

Date returned
21 November 88

Approved for amount required

[Signature]
Signature

GEOCHEMICAL REPORT

ARC (1-9) CLAIMS
(YB07826-YB07834)

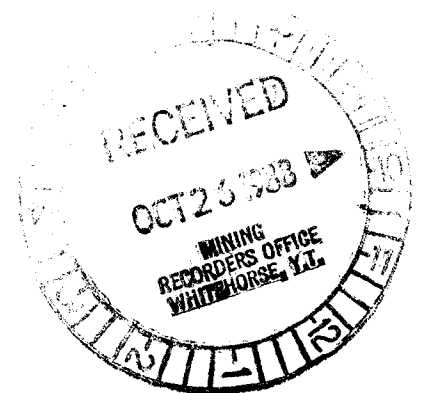
CLAIM SHEET 115 H 4

LAT. $61^{\circ}13'$ LONG. $137^{\circ}40''$

REPORT by

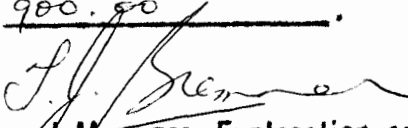
J. PETER ROSS
BOX 4842
WHITEHORSE
YUKON TERRITORY
CANADA Y1A 4N8

WORK DONE: JUNE; 21, 26, 29 JULY; 28($\frac{1}{2}$), 29($\frac{2}{2}$), 30, 31
AUGUST; 2($\frac{1}{2}$), 6, 10, 11, 14($\frac{1}{2}$)
OCT. 11



092582

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 \$ 900.00.



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

ARC PROPERTY

INTRODUCTION

STAKED IN 1987 BY J. PETER ROSS ON BASIS OF A GEOCHEM SURVEY RELEASED BY GOVT. IN AUGUST 1986.

PROPERTY, LOCATION, ACCESS

THE 20 ARC CLAIMS ARE BROKEN INTO 2 GROUPS. RECORDED BY J. PETER ROSS AND REGISTERED IN THE WHITEHORSE MINING DISTRICT

<u>CLAIM NAME</u>	<u>RECORD NUMBERS</u>	<u>EXPIRY DATE</u>
ARC (1-9)	YB07826-YB07834	SEPT. 3, 1988,

<u>LOCATION</u>	<u>CLAIM MAP</u>
LAT. 61°13' LONG 137°40'	115 H 4

ACCESS IN 1988 WAS BY HELICOPTER AND 42 MILES NORTH OF HAINES JUNCTION

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: 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 RUBY RANGE GRANODIORITE OF THE MESOZOIC AGE. MANY LARGE AND SMALL FAULTS ARE PRESENT. MANY MINERALIZED FLOAT WERE FOUND.

GEOCHEMISTRY

SOIL SAMPLES WERE TAKEN ON FAULTS AND IN FLOAT AREAS. MANY WERE ANOMOLOUS FOR GOLD, ARSENIC, AND SILVER. ROCK SAMPLES WERE ALSO.

DISCUSSION

THE CLAIMS SHOULD BE KEPT.

TECHNIQUES OF GEOCHEMICAL ANALYSIS

SILTS SCREENED TO -80 MESH. GOLD SAMPLES WERE 30 GMS. AND DONE BY FIRE ASSAY (5 PPB DET), 31 ELEMENTS DONE BY (HNO_3 - HCl HOT EXTRACTION AND PLASMA EMISSION SPEC). Hg DONE BY FLAMELESS AA.

QUALIFICATIONS

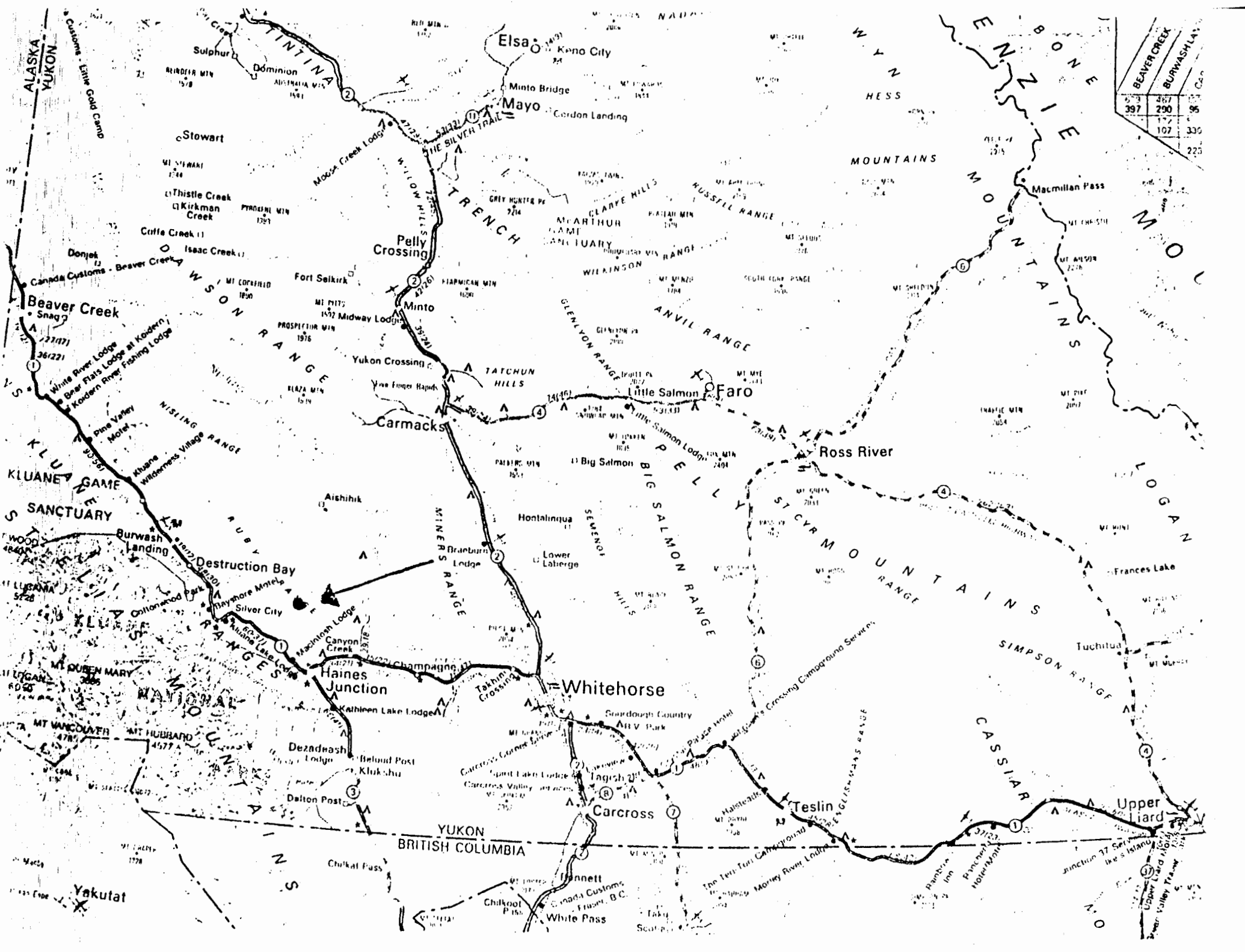
I, J. PETER ROSS, DECLARE

1. I GRADUATED MCGILL UNIV. 1970 BSc (GENERAL)
2. I HAVE TAKEN 3 PROSPECTING ~~EX~~ COURSES
1974 BC-YUKON CHAMBER MINES
1978 UKHM STAFF COURSE
1987 YUKON CHAMBER MINES (ADVANCED)
3. I HAVE PRACTICAL EXPERIENCE AS A PROSPECTOR

J PETER ROSS B.Sc.

STATEMENT OF EXPENDITURES (ARC 1-9)

GEOCHEMICAL SAMPLES	—
REPARATION OF REPORT	90
LABOUR JUNE 21, 26, 29 10 x \$50	500
JULY 28($\frac{1}{2}$), 29($\frac{1}{2}$), 30, 31	
AUG 2($\frac{1}{2}$), 6, 10, 11, 14($\frac{1}{2}$)	
CAMP + MISC 10 x \$35	350
TRANSPORT HI-MILEAGE 60 x 2	30
HELICOPTER 854 x $\frac{1}{2}$	427
	<hr/>
	1297



	BEAVER CREEK	BURWASH LAKE	CL.
1973	467	107	330
1974	397	290	96
			225

Yakutat

Chilkat Pass

White Pass

Chilkoot P.

White Pass

White Pass

White Pass

White Pass

White Pass

White Pass

White Pass

White Pass

White Pass

White Pass

White Pass

White Pass

White Pass

White Pass

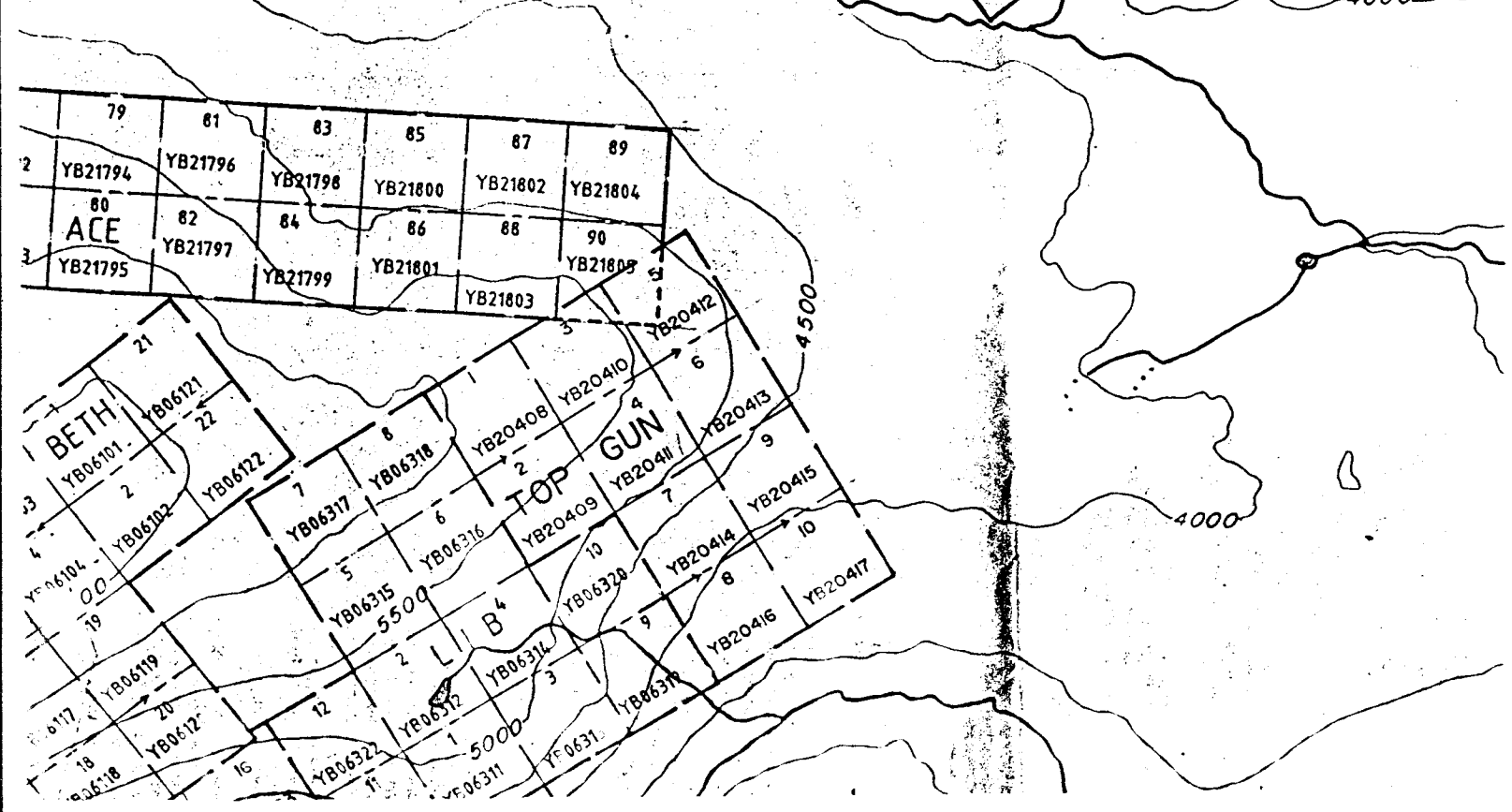
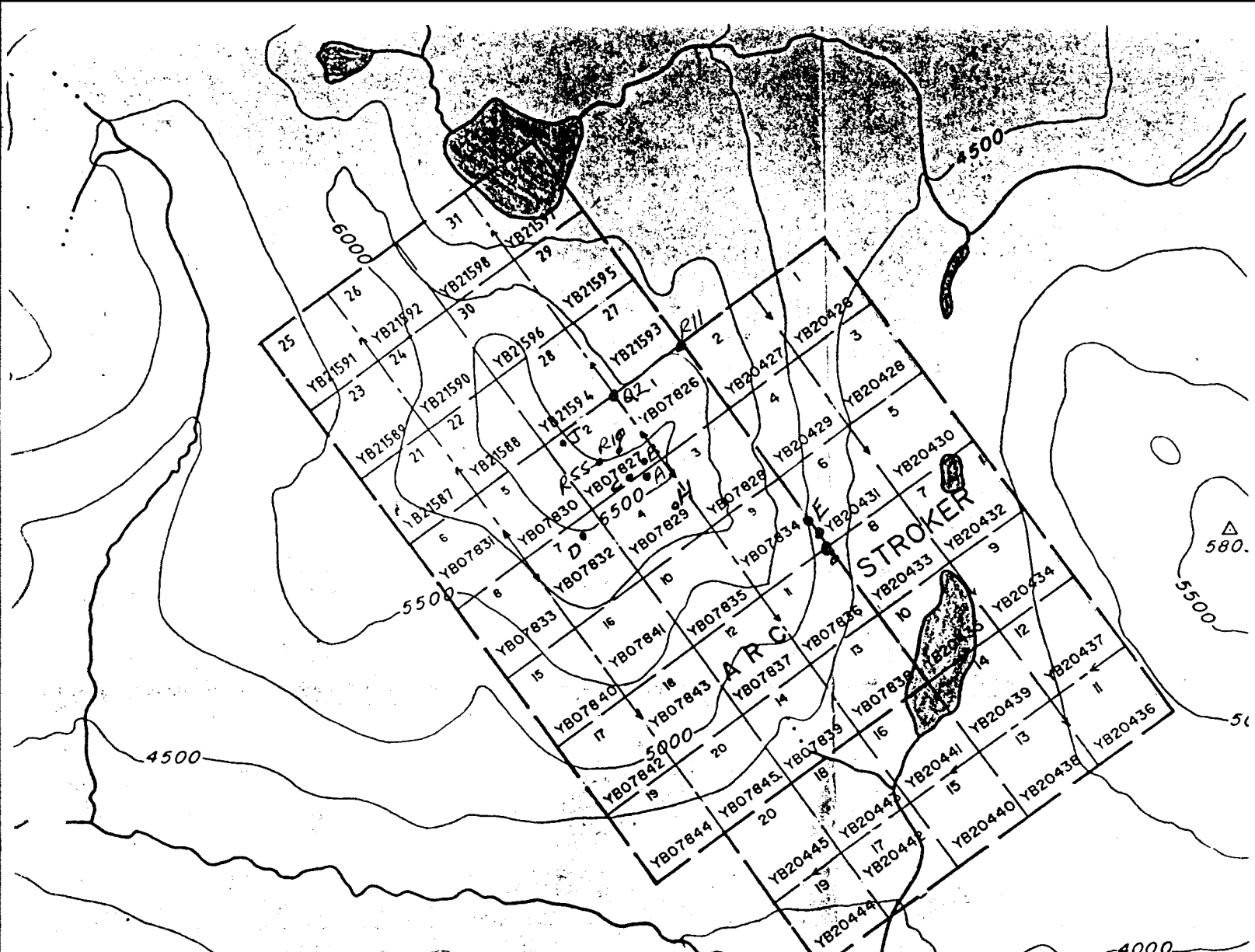
White Pass

White Pass

White Pass

White Pass

White Pass



J.P.R. (K.G)

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 1-1-2 HCL-3HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: P1 SOIL P2 ROCK AD* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: AUG 30 1988 DATE REPORT MAILED: Sept 8/88 ASSAYER: C. Leong D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

NORANDA EXPLORATION PROJECT 8809-002 312 File # 88-4064 Page 1

Table with columns: SAMPLE#, No, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Au*, Hg. Includes handwritten sample IDs like Q1, Q1 D, Q2 POST, Q2, Q3, Q4, Q4 B, Q5 A1, Q6, Q5 A6, Q7, Q8, Q9, Q10, Q11, Q12, STD C/AU-3.

Table with columns: SAMPLE#, No, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K, W, Au*, Hg. Includes handwritten sample IDs like ARCC, R-5, R-10, R-12, R-15, R-16, R-20, R-25, R-29, R-31, R-34, R-35, STD C/AU-3.

not from ARCC(1-9)

REPORT: V88-115693.0

PROJECT: NONF GTUIN

PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPII	Ag PPM	As PPM	B PPM	Ba PPM	Be PPM	Bi PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM
(D) R2 R1		1405	1.5	>20000	<?	265	<4.0	30	<126	13	5	51
(D) R2 R2		2605	7.5	>20000	<?	162	<4.0	25	<156	6	<?	21
(B) R2 R7		2180	>50.0	>20000	<?	34	<4.0	201	<595	<5	9	21
(B) R2 R8		8070	>50.0	>20000	<?	36	<4.0	369	<438	<5	6	55
(B) R2 R9		1844	30.1	>20000	<?	22	<4.0	60	<347	<5	<?	62
✓ R2 R11A		1500	25.5	>20000	<?	56	<4.0	<5	25	31	<?	39
✓ R2 R11B		1722	>50.0	>20000	<?	88	<4.0	114	<109	7	<?	100
R2 R14	60' W (A)	630	2.7	>20000	<?	34	<4.0	8	<143	14	4	33
(C) R2 R18		408	16.6	>20000	<?	121	<4.0	22	61	<5	<?	84
(E) R2 R19		267	0.7	>20000	<?	22	<4.0	8	<177	<5	23	67
(E) R2 R25A		297	0.6	>20000	<?	11	<4.0	<5	45	<5	3	57
X R2 R27		5221	>50.0	>20000	<?	99	<4.0	65	<550	<5	<?	18
X R2 R35A		3909	29.7	>20000	<?	47	<4.0	72	<553	<5	<?	18
X R2 R35B		3883	>50.0	>20000	<?	39	<4.0	97	<745	<5	<?	45
(B) R2 R36		594	23.5	>20000	<?	106	<4.0	51	107	<5	3	48
(D) R2 R38		946	5.8	>20000	<?	174	<4.0	15	22	7	<?	40
(D) R2 R39		1377	7.7	>20000	<?	403	<4.0	21	<93	10	3	52
(D) R2 R40		1551	3.6	>20000	<?	135	<4.0	13	<28	<5	<?	80
(H) R2 R43		236	<0.5	>20000	<?	126	<4.0	<5	20	<5	?	70
(H) R2 R44		1826	>50.0	>20000	<?	295	<4.0	15	66	<5	?	69
(J) R2 R45		675	9.6	>20000	<?	87	<4.0	8	30	<5	3	136
(J) R2 R46		3569	>50.0	>20000	<?	38	<4.0	78	<512	8	11	38
(J) R2 R48		455	7.4	>20000	<?	95	<4.0	11	33	<5	<?	85
(J) R2 R49		540	1.8	>20000	<?	96	<4.0	6	76	6	4	63
X R2 R52		434	5.2	>20000	<?	41	<4.0	16	<66	<5	<?	107

X not on claims ARC (1-9).

REPORT: V88-05693.6

SAMPLE NUMBER	ELEMENT UNITS	Ag GWT	Cu PCT
R2 R7	5.5	171.4	
R2 R8	9.0	122.4	
R2 R11B	3.4	110.7	
R2 R27	6.5	202.6	1.79
R2 R35B	3.0	68.9	

R2 R44	1.0	30.9	
R2 R46	2.5	88.1	

OB / Ton

ATTENTION: 1000400
 SAMPLING SILTSTONE
 CONGLOMERATE
 VOLCANIC
 CHERT
 SHALE
 LIMESTONE/DOLomite
 SILT X SOL
 INTRUSIVE
 GOSSAN MINERALS

Sampler W.K.N.E. Location, Target (words) PROSPECT Sample Nos NONE 113 6714
 Date June 26th photo no. 'ARC' (URNS W/ METEX P.U.S) Cert. Nos A1 - A24, 25



DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED --- INFERRED --- ASSUMED.....

- A0A - SLIGHTLY OX VUGGY VN QZ [BLOCKY WHT] TRACE CHALCO PYRITE - 20% AS PYRITE STAIN.
- A0B - ...
- A0C - ...
- A0D - ...
- A0E - ...
- A0F - ...
- A0G - ...
- A0H - ...
- A0I - ...
- A0J - ...
- A0K - ...
- A0L - ...
- A0M - ...
- A0N - ...
- A0O - ...
- A0P - ...
- A0Q - ...
- A0R - ...
- A0S - ...
- A0T - ...
- A0U - ...
- A0V - ...
- A0W - ...
- A0X - ...
- A0Y - ...
- A0Z - ...

NOTE: ALL SAMPLE ARE FLOAT FROM FRONT TRAILS ~ 1 METER WIDE EXCEPT FOR A24, 25.



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE. NORTH VANCOUVER,
BRITISH COLUMBIA CANADA V7J-1C1

PHONE (604) 984-9221

To: MER CATIRO & ASSOC. (1981) LTD.

BOX 4127, 3125 3RD AVE.
WHITEHORSE, Y.T.
Y1A 3S9

Project: SHUT
Comments:

Page No: 1
Tot. Pages: 1
Date: 7-JUL-88
Invoice #: I-8818142
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8818142

SAMPLE DESCRIPTION	PREP CODE	Ass oz/T RUSH							
6501 A1-A	236	---	0.106						
6502 B	236	---	0.206						
6503 C	236	---	0.160						
6504 A2	236	---	0.002						
6505 3	236	---	0.022						
6506 4	236	---	0.046						
6507 5	236	---	0.319						
6508 6	236	---	0.046						
6509 7	236	---	0.002						
6510 8	236	---	0.012						
6511 9	236	---	0.026						
6512 10	236	---	0.008						
6513 11	236	---	0.012						
6514 12	236	---	0.006						
6515 13	236	---	< 0.002						
6516 14	236	---	0.004						
6517 15	236	---	0.002						
6518 16	236	---	0.002						
6519 17	236	---	< 0.002						
6520 18	236	---	0.002						
6521 19	236	---	0.016						
6522 20	236	---	0.018						
6523 21	236	---	0.024						
6524 22	236	---	0.004						
6525 23	236	---	0.138						
6526 24	236	---							
6527 25	236	---	0.004						