

1992

ABSTRACT

GRUBSTAKE

The Motherall Creek area ^{→ Kluane Area} 115A-2 was chosen because

- (1) no mineral occurrences
- (2) no land claims
- (3) the geology is similar to areas of placer gold mining in nearby Kluane Park. The sources are unknown.
- (4) close to the highway and also has a low elevation.
- (5) a fault passes through Motherall Creek
- (6) an interesting magnetic anomaly is present.

Results were poor; a few things are interesting.

The Puppy Love claims were staked in 1991 to cover a significant occurrence of Pb Zn Ag (SKARNS or mantos (?)) 105 D 5.

Soil samples suggest the zone extends further to the NW.

The schist outcrop north of Haines Junction was chosen (115A13) because

- (1) close to a road
- (2) seen many times by helicopter.

(3) the geology is similar to the Gold occurrences at Killarney Lake.

115 H 4.

[The area of interest was not prospected because of heavy snow.]

SO WHY BOTHER MENTIONING

The SILVER CREEK area was chosen because of rumors of shallow bedrock with small erratic quartz veins with calcopryrite.

[The area of interest was not dug up because of heavy snow.]

SO WHAT'S TO MENTION

Motherall Creek.

8 Rocks and 12 silts were taken. The rocks were quite interesting but only 1 was interesting after tests. R9A. 2 bags were taken at each silt site and tests were done for -150 mesh gold using cyanide leach. Most silts were moss mats. ^{such as?}

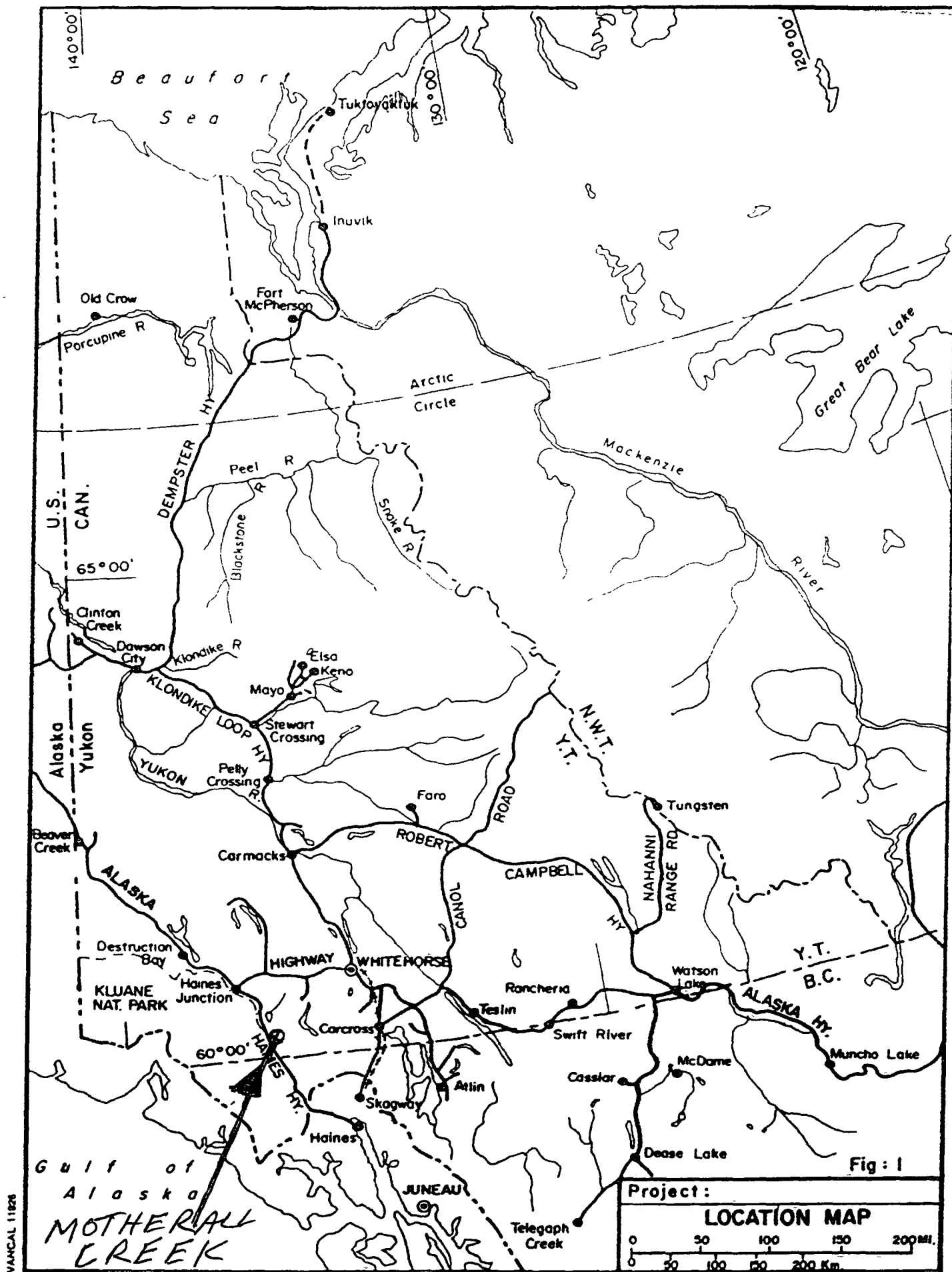
Interesting alteration zones were seen and photographed. ^{SHOULD DESCRIBE}

Although silts were low and rocks poor, I think the alteration zones suggest something. ^{LIKE WHAT}

Perhaps I should go back to Vand Creek at low water when no bears are in the area. ~~that may be a problem with bears.~~

NO SAMPLE DESCRIPTIONS

NO
CONCLUSIONS



137°00'

55'

50'

60°15'

66
79
78
77
76
75
74
73
72
71
70
69
68

89
79
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74
73
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69
68

KLISANE

RANGES

Stella
Lays

SANCTUARY

ROAD

Oil Pipeline
Abandoned

MEADOWS

Stella
Lays

~~RAVAT~~

MAG
ANOMOLY

B O 70

2858

2826

3000

2858

anne

SILT SAMPLES

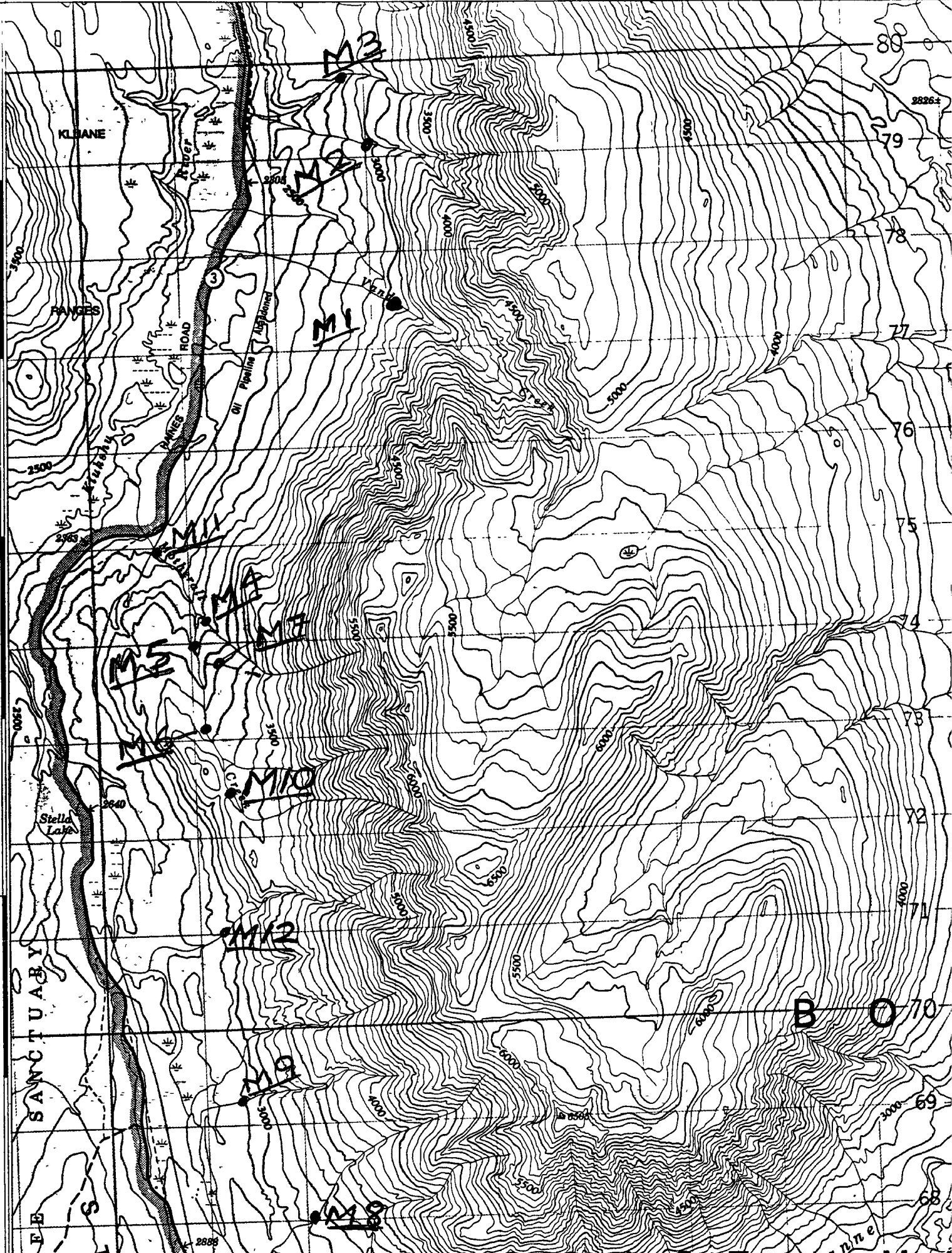
137°00'

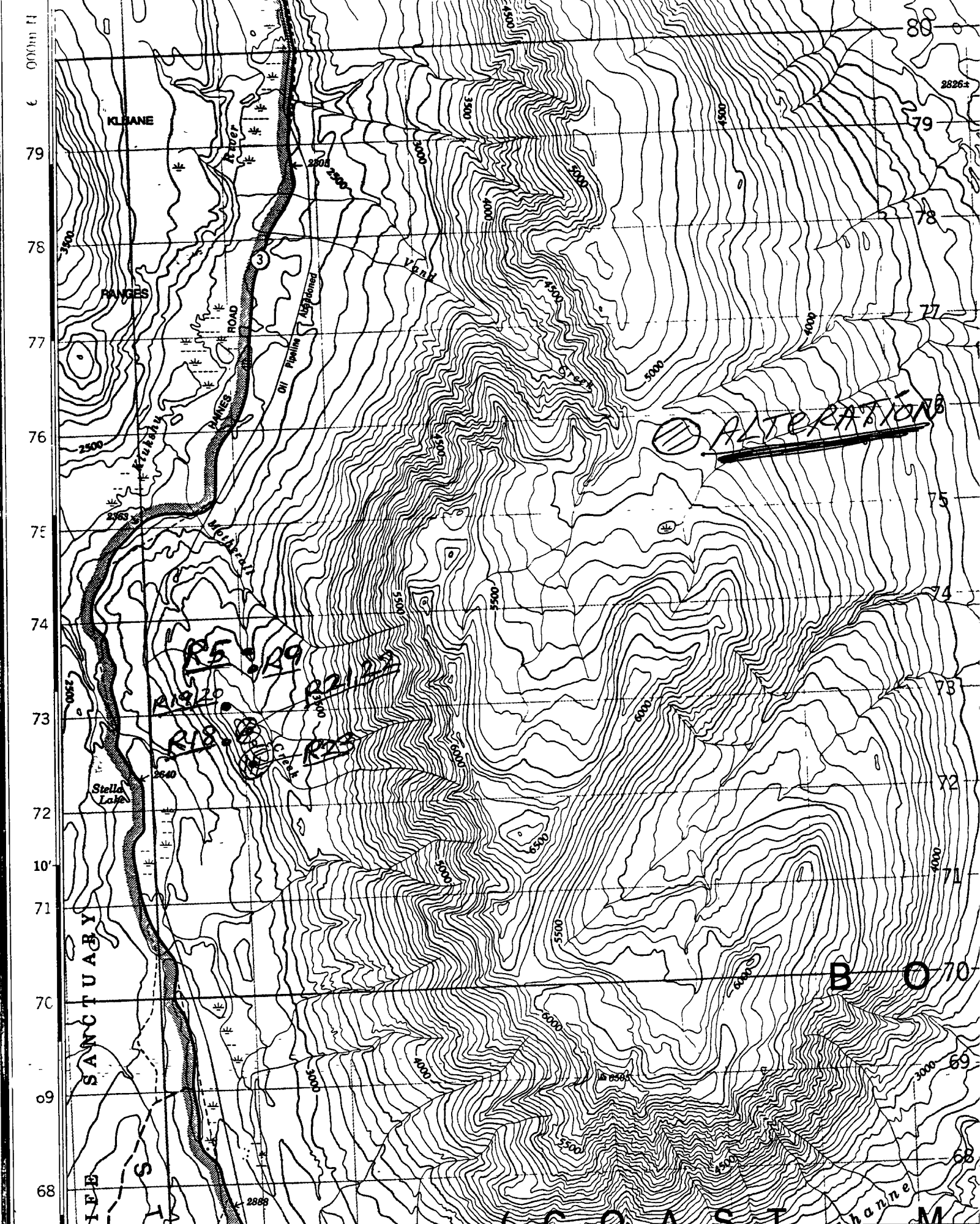
50'

60°15'

66
79
78
77
76
75
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73
72
10'
71
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68

80
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73
72
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70
69
68







GEOCHEMICAL ANALYSIS CERTIFICATE

John Peter Ross File # 92-1850 Page 1

Box 4842, Whitehorse Y.T. Y1A 4N8



SAMPLE#	Mo	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	Tl	Hg	Au**	Pd**	Pd**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppb	ppb	ppb
M-1 (-80+150)	1	18	9	77	.2	8	7	459	2.73	5	5	ND	9	40	.2	3	2	34	.43	.089	24	13	.67	265	.18	3	1.23	.02	.32	1	2	1	3	5	4
M-2 (-80+150)	1	55	2	124	.1	84	17	612	4.20	2	5	ND	4	26	.2	2	2	81	.55	.086	11	77	1.76	218	.15	4	1.91	.02	.49	1	2	1	2	4	4
M-3 (-80+150)	1	44	2	80	.1	48	13	381	3.61	2	5	ND	4	29	.2	2	2	75	.49	.085	10	47	1.26	242	.16	2	1.58	.02	.44	1	2	1	2	1	4
M-4 (-80+150)	1	22	4	64	.1	12	11	398	4.72	2	5	ND	2	59	.2	2	4	117	.65	.088	12	42	.55	89	.12	3	1.02	.04	.10	1	2	1	1	6	8
M-5 (-80+150)	1	19	5	129	.1	11	10	620	4.03	2	5	ND	11	64	.5	2	3	77	.79	.149	34	19	.53	145	.13	4	1.09	.03	.17	1	2	1	5	2	4
M-6 (-80+150)	1	15	4	147	.1	11	10	646	3.40	2	5	ND	12	64	.9	3	2	56	.75	.139	34	14	.53	146	.13	3	1.05	.02	.16	1	2	1	3	1	2
M-7 (-80+150)	2	26	11	94	.1	10	9	449	2.98	5	6	ND	11	68	.2	2	2	51	.79	.129	21	17	.78	155	.15	3	1.42	.02	.22	1	2	1	2	1	2
M-8 (-80+150)	1	13	6	47	.1	6	6	308	1.97	4	6	ND	7	56	.2	2	2	30	.77	.194	24	10	.48	225	.13	3	1.03	.02	.25	1	2	1	2	1	2
M-9 (-80+150)	1	23	11	79	.1	11	9	450	3.28	3	5	ND	6	59	.2	2	2	51	.76	.159	16	17	.83	247	.18	3	1.51	.02	.33	1	2	1	4	1	2
RE M-5 (-80+150)	1	13	11	131	.1	10	10	619	4.06	5	5	ND	15	66	.3	2	4	75	.76	.138	37	18	.58	144	.13	5	1.12	.03	.19	1	2	1	2	1	1
M-10 (-80+150)	1	13	6	114	.1	9	8	559	3.35	2	5	ND	15	87	.7	2	3	43	.88	.167	33	12	.57	195	.13	4	1.25	.02	.22	1	2	1	2	1	1
M-11 (-80+150)	1	24	3	156	.1	13	10	641	3.35	5	5	ND	5	74	1.0	2	3	60	.82	.130	17	17	.61	163	.14	5	1.29	.04	.19	1	2	1	3	3	3
M-12 (-80+150)	1	16	10	69	.1	6	7	382	2.39	3	5	ND	10	100	.2	2	3	34	1.01	.219	25	11	.62	239	.16	2	1.43	.03	.30	1	2	1	3	1	1
STANDARD C/FA-10R	18	55	38	128	6.9	67	29	1009	3.84	37	22	7	37	52	16.7	15	19	54	.46	.088	37	55	.90	176	.09	34	1.87	.07	.15	11	2	2	48	48	50

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-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: SILT AU** PT** PD** BY FIRE ASSAY & ANALYSIS BY ICP/GRAPHITE FURNACE. (30gm)

Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 10 1992 DATE REPORT MAILED: *July 20/92* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

03-Jul-92date

Assay Certificate

Page1

Peter Ross

WO # 13604

Sample # Au ppb

R5	24
R9A	612
R9B	12
R9C	60
R19A	20
R19B	12
R20	14
R21	7
R22	11
R23A	5
R23B	71
R23C	<5
R18 -100	40
R19 +100	17

R5 chips off rough stained
rock in creek

R9 chips off large slide
rock, oxidized, altered
cut by diamond saw

R18 ?
R19 grab bag from squirrel
hole

R20

R21 Bedrock yellow greenish
stains

R22 " below R21 $\approx$ R²¹~~22~~

R23 " $\approx$ R21

Certified by *Chyokki*





ACME ANALYTICAL



ACME ANALYTICAL

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Mi	Co	Ni	Fe	As	U	Au	Th	Sr	Ca	Sb	Bi	V	Ce	P	La	Cr	Ng	Ba	Y	B	Al	Na	K	Pt**	Pd**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppb	ppb
13604 R5	17	52	46	185	8	68	15	379	2.91	14	5	ND	2	34	1.3	2	2	69	.15	.076	2	104	.50	198	.06	2	1.31	.06	.23	2	1
RE 13604 R9C	7	90	25	84	3	16	7	297	3.11	18	5	ND	2	40	2.0	2	2	92	.26	.058	3	153	.45	198	.01	3	1.27	.10	.19	1	3
13604 R9A	6	90	65	136	5	32	14	530	2.96	16	5	ND	1	44	4.6	2	2	61	.39	.044	2	133	.94	201	.02	2	2.01	.13	.31	1	2
13604 R9B	11	54	23	66	3	11	5	440	2.64	24	5	ND	2	59	7.7	2	2	100	.41	.035	5	149	.71	216	.02	2	1.71	.16	.28	1	3
13604 R9C	8	93	24	86	4	16	7	317	3.30	20	5	ND	2	43	2.1	2	2	98	.27	.060	3	161	.48	209	.01	4	1.34	.11	.20	6	5
13604 R19A	1	173	7	56	5	9	18	582	8.38	2	5	ND	1	64	2	2	2	107	.98	.385	2	32	.89	29	.20	4	.98	.05	.06	10	16
13604 R19B	1	116	4	54	4	6	8	535	8.63	2	5	ND	1	132	2	2	2	164	1.95	.440	3	37	1.37	42	.22	5	1.41	.16	.16	23	22
13604 R20	1	123	5	34	2	18	23	805	3.47	2	5	ND	1	55	2	2	2	89	1.58	.222	2	49	.61	37	.15	2	.58	.01	.05	26	3
13604 R21	10	19	7	12	9	5	2	108	1.55	2	5	ND	1	30	2	2	2	24	.04	.028	5	66	.38	237	.01	2	.39	.05	.19	10	1
13604 R22	9	8	12	15	5	3	1	173	1.10	2	5	ND	2	13	2	2	2	49	.03	.028	9	100	.63	461	.03	2	.60	.04	.39	5	6
13604 R23A	5	417	5	106	5	67	49	237	5.23	2	5	ND	1	69	8	2	2	70	.73	.149	5	66	.58	31	.14	3	.81	.07	.22	16	6
13604 R23B	4	183	5	32	5	20	19	132	4.19	2	5	ND	1	63	3	2	2	47	.47	.128	5	58	.28	20	.14	2	.47	.06	.10	3	5
13604 R23C	2	107	4	44	4	17	14	165	5.50	2	5	ND	1	64	12	2	2	54	.44	.187	4	75	.41	25	.15	2	.53	.05	.14	3	6
STANDARD C/FA-10R	19	57	40	133	7	70	31	1073	3.97	47	16	7	40	52	18.4	14	19	60	.48	.090	39	58	.89	178	.09	35	1.88	.07	.15	498	474

Sample type: PULP. Samples beginning 'RE' are duplicate samples.
10 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE.

Puppy Love Claims

The showings were located and cleared out. Prospecting found no new occurrences. Trench photos taken.

56 soils were taken to try to see if the zones extend along strike to the NW.

A large granodiorite slide lies on the extension. It must be thin because PbZn anomalies are present.

Gossanous zones were seen by air in the helicopter (steep slope to NW)

I recommend more soil sampling along strike to the NW and perhaps prospecting down the steep slope and west of the stream.

WHP 666

SHOULD DESCRIBE RESULTS & POSSIBLE TRENDS TO PROVIDE REASON WHY SHOULD DO MORE SOIL SAMPLING

PUPPY

NTS 105D105

J. Peter Ross

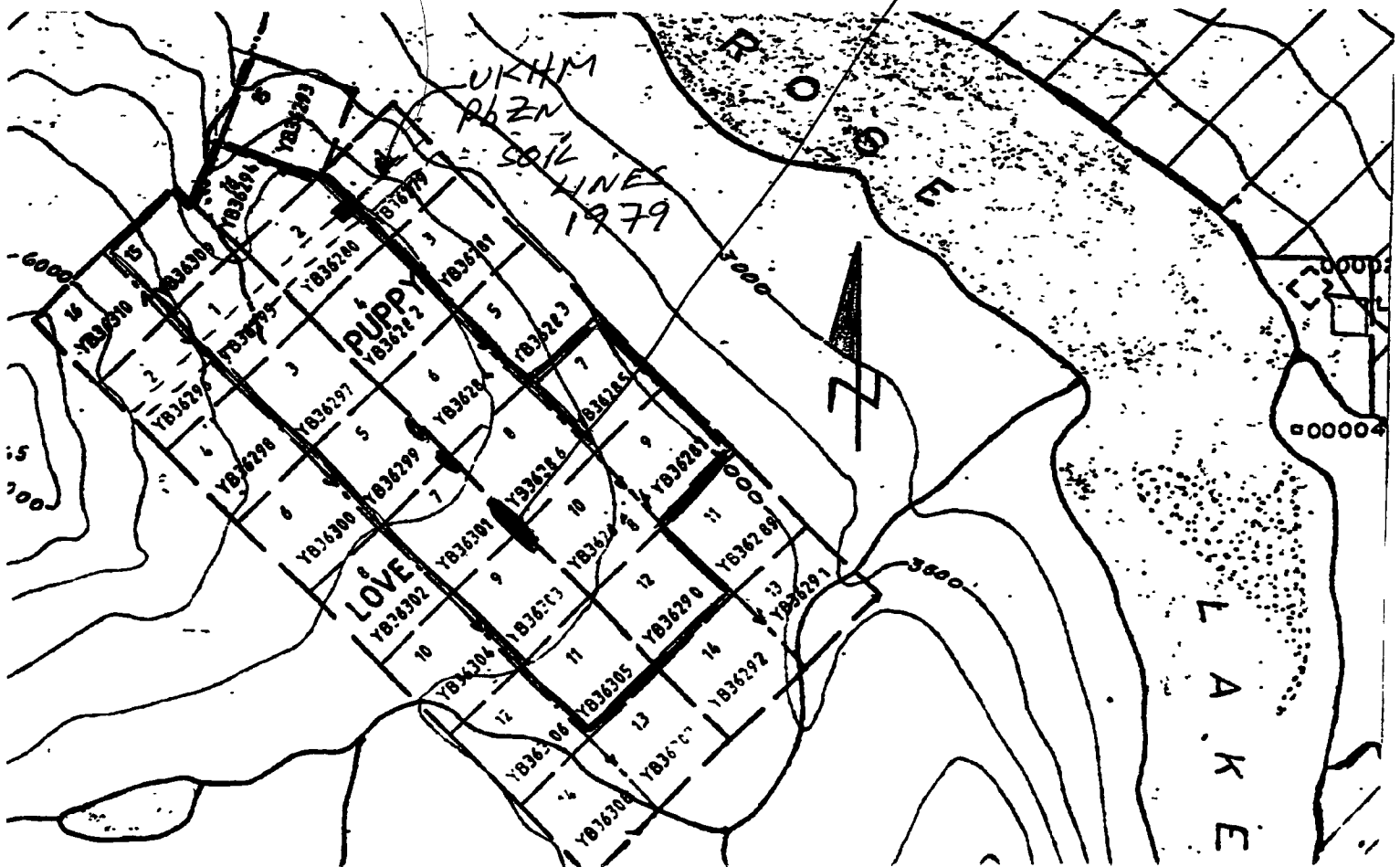
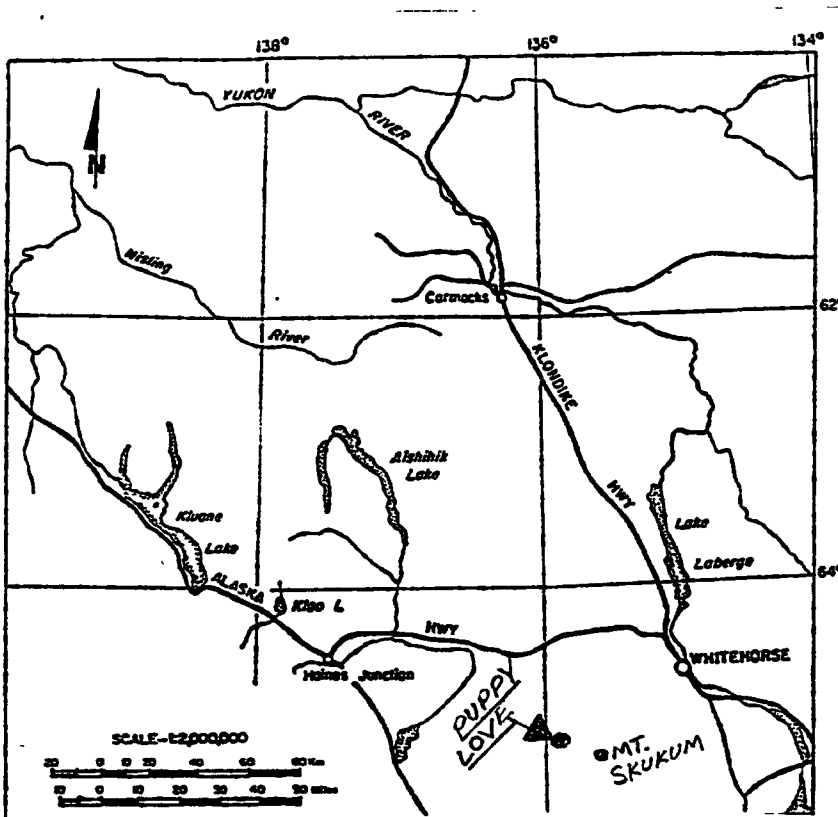
PROSPECTOR

Box 4842

Whitehorse, Yukon

Y1A 4N8

WHAT IS
THIS NOT REFERED
TO IN TEXT
UKHM
SHOWINGS

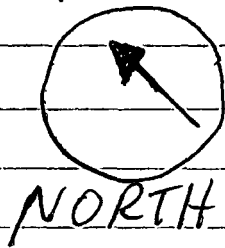


LOVE claims

COMMODITY	Pb, Zn, Ag
DEPOSIT	SKARN OR MANTO
ACCESS	HELICOPTER, 42 KM SW OF WHITEHORSE
LOCATION	105 D 5, 15 KM W OF MT SKUKUM
GEOLOGY	GRANODIORITE (COAST INT.) UNDERLIES THICK BEDS OF SCHIST AND LIMESTONE
MINERALIZATION	6 LENSES OVER 2200' BEST TRENCH = 8.2' OF Zn 9.9%, Pb 18.9%, Ag 9.30PT
WORK DONE	PROSPECTING, TRENCHING, SOIL GEOCHEMISTRY, EM MAG.

SOIL LINES

PUPPY
 16
 436294

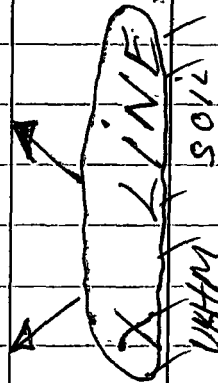


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- 22
- 23
- 24
- 25
- 26
- 27

100 FT



100
40
(300')



UKHM
LAST
POST

SOIL LINES

SOIL LINES

SOIL SAMPLE

LEAD PPM



13	9	14	12	7	
17	13	20	8	7	
43	53	#	13	8	
16	46	LAKE	*	6	
13	31		7	4	
9	24		6	11	
51	31		15	*	
98	42	*	26	10	
69	86	28	24	10	
51	151	44	20	10	
37	62	120	58	17	
14	46	215	59	16	
15	45	155	75	26	
6	18	*	85	29	
16	20	19	34	35	
25	32	24	22	34	
12	91	20	24	170	
11	23	15	18	17	
31	13	22	23	60	
47	66	58	48	16	
30	56	37	33	16	
99	137	16	24	21	
231	32	37	25	17	
219	43	8	38	17	
30	21	25	60	21	
36	34	42	6	18	
12	58	29	*	23	
47	59	25	56	3	
		22	54	*	
		31	X	17	
		23	32	60	

1992
Peter Ross

1978 UKHM

SOIL SAMPLE ZINC PPM

NORTH
↑

55	72	53	44	40	
59	56	50	35	38	
126	52	LAKE	54	36	
64	57		X	36	
45	138		38	46	
28	66		25	51	
98	77		72	X	
162	72	X	80	67	
117	148	83	73	45	
124	200	93	72	47	
103	81	300	130	82	
84	99	370	125	63	
62	76	240	190	52	
53	116	X	68	100	
93	91	96	225	110	
86	65	83	105	110	
54	109	93	135	180	
72	102	95	114	87	
99	52	100	75	107	
126	217	210	220	67	
134	165	147	125	55	
391	343	83	120	89	
374	130	215	110	83	
397	199	47	125	100	
130	80	125	275	105	
240	132	220	90	105	
97	195	170	X	100	
111	184	140	265	38	
		156	315	X	
		105	X	80	

1992
Peter Ross

1978 UKHM

14-Aug-92 date

Assay Certificate

page 1

Peter Ross

WO#13649

Sample #	Pb ppm	Zn ppm
X 0	9	72
X 1	13	56
X 10	62	81
X 11	46	99
X 12	45	76
X 13	18	116
X 14	20	91
X 15	32	65
X 16	91	109
X 17	23	102
X 18	13	52
X 19	66	217
X 2	53	52
X 20	56	165
X 21	137	343
X 22	32	130
X 23	43	199
X 24	21	80
X 25	34	132
X 26	58	195
X 27	59	184
X 3	46	57
X 4	31	138
X 5	24	66
X 6	31	77
X 7	42	72
X 8	86	148
X 9	151	200
Y 0	13	55
Y 1	17	59
Y 10	37	103
Y 11	14	84
Y 12	15	62
Y 13	6	53
Y 14	16	93
Y 15	25	86
Y 16	12	54
Y 17	11	72

Certified by

Chyokke



14-Aug-92 date

Assay Certificate

page 2

Peter Ross

WO#13649

Sample #	Pb ppm	Zn ppm
Y 18	31	99
Y 19	47	126
Y 2	48	57
Y 20	30	134
Y 21	99	391
Y 22	231	374
Y 23	219	397
Y 24	30	130
Y 25	36	240
Y 26	12	97
Y 27	47	111
Y 3	16	64
Y 4	13	45
Y 5	9	20
Y 6	51	98
Y 7	98	162
Y 8	69	117
Y 9	51	124

Certified by

CHyoki

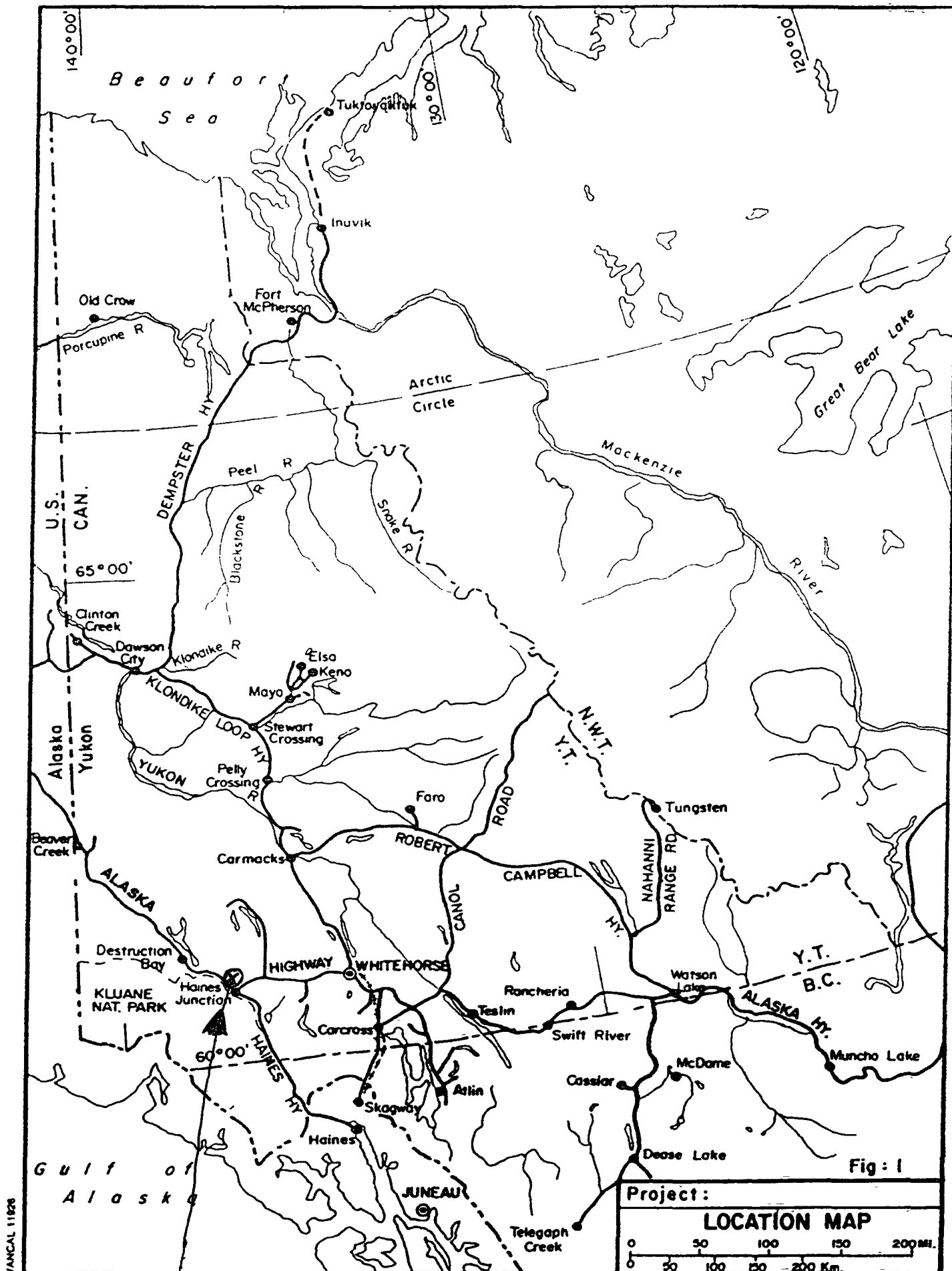


Haines Junction Schist Outcrop (Faults)

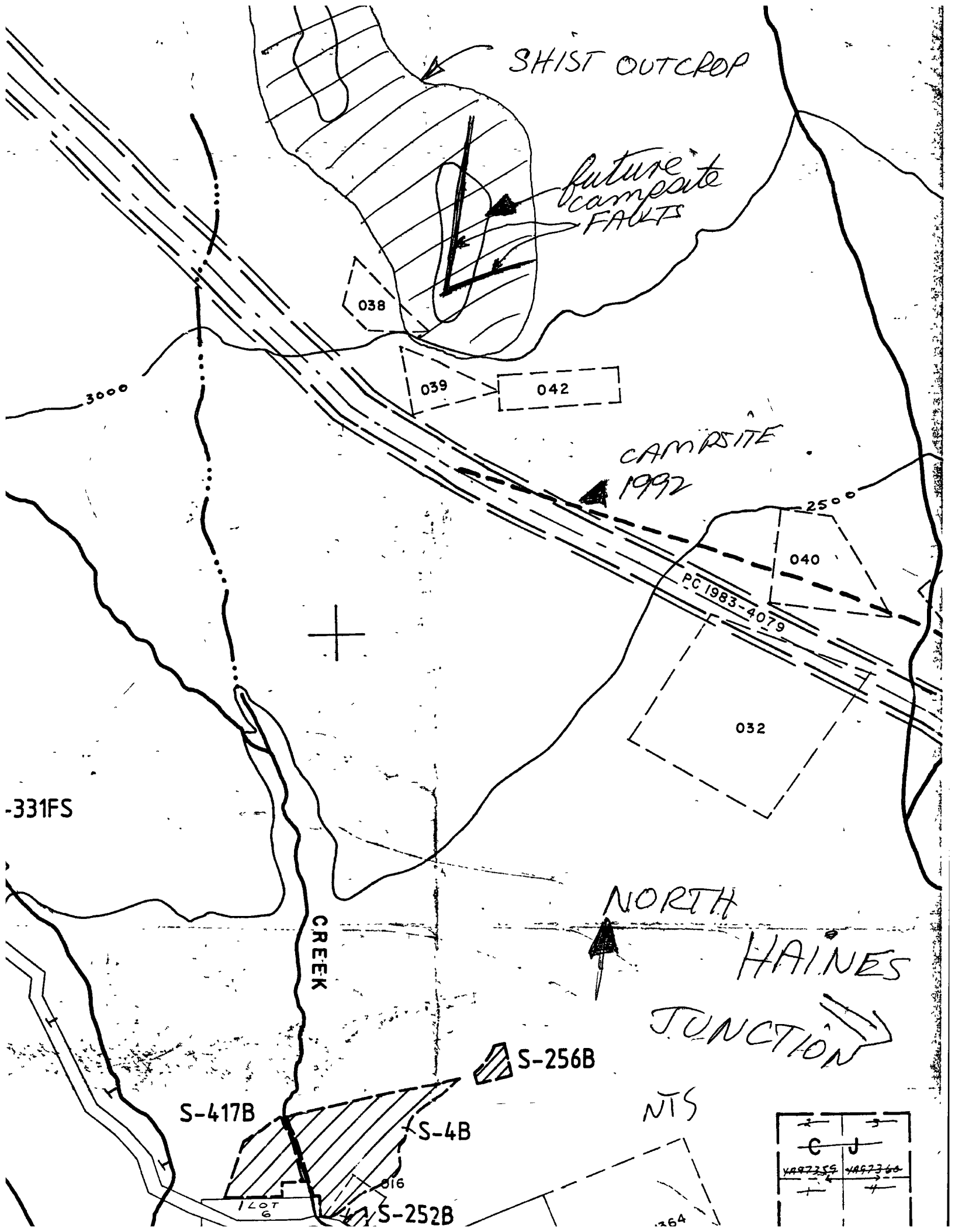
The faults do not seem to come to the front of the exposure. Bad weather stopped the prospecting.

It would be best to drop off by helicopter on the way back to Haines Junction and put a camp right on top of the faults for 5-7 days.

That would save 4-8 hours per day of fighting buck brush.



SCHIST OUTCROP (FAULTS)



2	3
C	J
4897255	4897360
+	+

SILVER CREEK

The creek has changed since 1991. It seems to be lower. (?!)

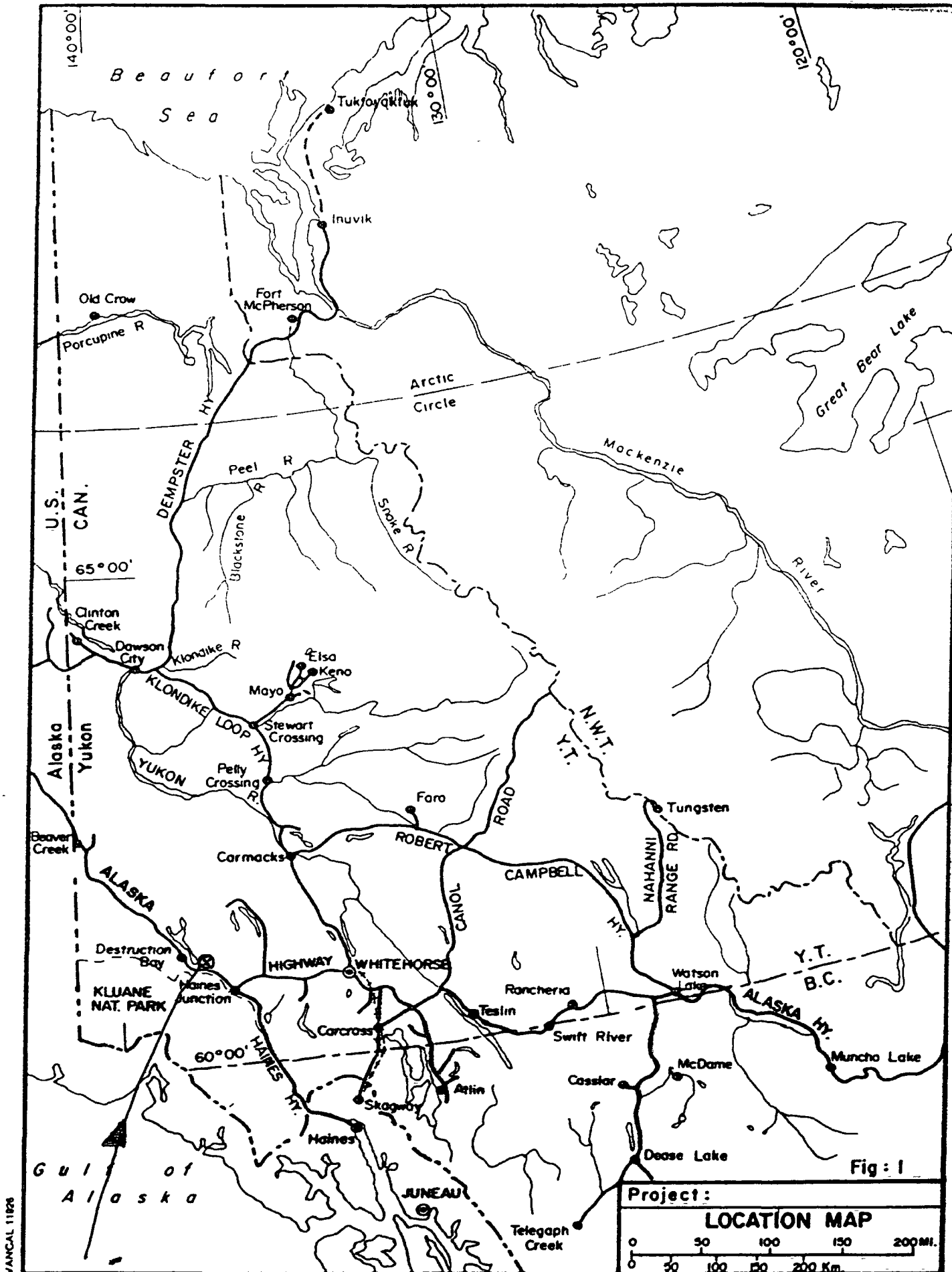
I only spent a few hours before bad weather.

The large rocks xxx used for flood control are rough edged and have alteration. I would be excited if they were in place. Limonite, pyrite, silicified areas, etc.

I would like very much to go see and inspect the area where they came from.

I spent 3 days in my truck in very cold windy and snowy days waiting for days of +2 to +7, # H2 to +10, +3 to +12. The weather forecast was wrong.

I have doubt about trying to find the rumoured "shallow" bedrock here!



SILVER CREEK

NORTH
↑
N/S

R-44B

Christmas

YTG C.G.

Bay

Little

R-26B

S-45B

Lot 1000
Plan 51933

Lot 1 (O) Plan 65235

Lot 3
Plan 40344

ALASKA
Silver

Lot 288
Plan 52332

00013

00014

Plan 52332 Lot 289

00016

S-1

RES

9251

Tadham
Creek

HIGHWAY

Creek

3200

03-Jul-92date

Assay Certificate

Page1

Peter Ross

WO # 13604

Sample # Au ppb

R5	24
R9A	612
R9B	12
R9C	60
R19A	20
R19B	12
R20	14
R21	7
R22	11
R23A	5
R23B	71
R23C	<5
R18 -100	40
R18 +100	17

Certified by

Chyoki





Northern Analytical Labs. Ltd.

FILE # 92-1801

Page



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Ca	Sb	Bi	V	Ce	P	La	Cr	Nb	Ba	Ti	B	Al	Na	K	Li	Pb**	Pd**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb	ppb
13604 R5	17	52	46	185	8	68	15	379	2.91	18	5	ND	2	34	1.3	2	2	69	.15	.078	2	104	.50	198	.06	2	1.31	.06	.23		2	1
RE 13604 R9C	7	90	25	84	3	16	7	297	3.11	18	5	ND	2	40	2.0	2	2	92	.26	.058	3	153	.45	198	.01	3	1.27	.10	.19		1	3
13604 R9A	6	90	65	136	3	32	14	530	2.96	14	5	ND	1	44	1.6	2	2	61	.39	.044	2	133	.94	201	.02	2	2.01	.13	.31		1	2
13604 R9B	11	54	23	66	3	11	5	440	2.64	24	5	ND	2	59	1.7	2	2	100	.41	.055	5	149	.71	216	.02	2	1.71	.16	.28		1	3
13604 R9C	8	93	24	86	1	16	7	317	3.30	20	5	ND	2	43	2.1	2	2	98	.27	.060	3	161	.48	209	.01	4	1.34	.11	.20		6	5
13604 R19A	1	173	7	56	5	9	18	582	8.38	2	5	ND	1	64	2	2	2	107	.98	.385	2	32	.89	29	.20	4	.98	.05	.06		10	16
13604 R19B	1	116	4	54	4	6	8	535	8.63	2	5	ND	1	132	12	2	2	164	1.95	.640	3	37	1.37	42	.22	5	1.41	.16	.16		23	22
13604 R20	1	123	5	34	2	18	23	885	3.47	2	5	ND	1	55	7	2	2	89	1.58	.222	2	49	.61	37	.15	2	.58	.01	.05		26	3
13604 R21	10	19	7	12	9	5	2	108	1.55	2	5	ND	1	30	2	2	2	24	.04	.024	5	66	.38	257	.01	2	.39	.05	.19		10	1
13604 R22	9	8	12	15	5	3	1	173	1.10	2	5	ND	2	13	2	2	2	49	.03	.028	9	108	.63	461	.03	2	.60	.04	.39		5	6
13604 R23A	5	417	5	106	5	67	49	237	5.23	2	5	ND	1	69	8	2	2	70	.73	.149	5	66	.58	31	.14	3	.81	.07	.22		16	6
13604 R23B	4	183	5	32	5	20	19	132	4.19	2	5	ND	1	63	3	2	2	47	.47	.128	5	58	.28	20	.14	2	.47	.06	.10		3	5
13604 R23C	2	107	4	44	4	17	14	165	5.50	2	5	ND	1	64	3	2	2	54	.44	.167	4	75	.41	25	.15	2	.53	.05	.14		3	6
STANDARD C/FA-10R	19	57	40	133	2.1	70	31	1073	3.97	6.1	16	7	40	52	18.6	14	19	60	.48	.090	39	58	.89	178	.09	35	1.88	.07	.15		498	474

Sample type: PULP. Samples beginning 'RE' are duplicate samples.
 10 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE.



GEOCHEMICAL ANALYSIS CERTIFICATE

John Peter Ross File # 92-1850 Page 1
Box 4842, Whitehorse Y.T. Y1A 4N8



SAMPLE#	Mo	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	Tl	Hg	Au**	Pd**	Pd**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppb	ppb	ppb
M-1 (-80+150)	1	18	9	77	.2	8	7	459	2.73	5	5	ND	9	40	.2	3	2	34	.43	.089	24	13	.67	265	.18	3	1.23	.02	.32	1	2	1	3	5	4
M-2 (-80+150)	1	55	2	124	.1	84	17	612	4.20	2	5	ND	4	26	.2	2	2	81	.55	.086	11	77	1.76	218	.15	4	1.91	.02	.49	1	2	1	2	4	4
M-3 (-80+150)	1	44	2	80	.1	48	13	381	3.61	2	5	ND	4	29	.2	2	2	75	.49	.085	10	47	1.26	242	.16	2	1.58	.02	.44	1	2	1	2	1	4
M-4 (-80+150)	1	22	4	64	.1	12	11	398	4.72	2	5	ND	2	59	.2	2	4	117	.65	.088	12	42	.55	89	.12	3	1.02	.04	.10	1	2	1	1	6	8
M-5 (-80+150)	1	19	5	129	.1	11	10	620	4.03	2	5	ND	11	64	.5	2	3	77	.79	.149	34	19	.53	145	.13	4	1.09	.03	.17	1	2	1	5	2	4
M-6 (-80+150)	1	15	4	147	.1	11	10	646	3.40	2	5	ND	12	64	.9	3	2	56	.75	.139	34	14	.53	146	.13	3	1.05	.02	.16	1	2	1	3	1	2
M-7 (-80+150)	2	26	11	94	.1	10	9	449	2.98	5	6	ND	11	68	.2	2	2	51	.79	.129	21	17	.78	155	.15	3	1.42	.02	.22	1	2	1	2	1	2
M-8 (-80+150)	1	13	6	47	.1	6	6	308	1.97	4	6	ND	7	56	.2	2	2	30	.77	.194	24	10	.48	225	.13	3	1.03	.02	.25	1	2	1	2	1	2
M-9 (-80+150)	1	23	11	79	.1	11	9	450	3.28	3	5	ND	6	59	.2	2	2	51	.76	.159	16	17	.83	247	.18	3	1.51	.02	.33	1	2	1	4	1	2
RE M-5 (-80+150)	1	13	11	131	.1	10	10	619	4.06	5	5	ND	15	66	.3	2	4	75	.76	.138	37	18	.58	144	.13	5	1.12	.03	.19	1	2	1	2	1	1
M-10 (-80+150)	1	13	6	114	.1	9	8	559	3.35	2	5	ND	15	87	.7	2	3	43	.88	.167	33	12	.57	195	.13	4	1.25	.02	.22	1	2	1	2	1	1
M-11 (-80+150)	1	24	3	156	.1	13	10	641	3.35	5	5	ND	5	74	1.0	2	3	60	.82	.130	17	17	.61	163	.14	5	1.29	.04	.19	1	2	1	3	3	3
M-12 (-80+150)	1	16	10	69	.1	6	7	382	2.39	3	5	ND	10	100	.2	2	3	34	1.01	.219	25	11	.62	239	.16	2	1.43	.03	.30	1	2	1	3	1	1
STANDARD C/FA-10R	18	55	38	128	6.9	67	29	1009	3.84	37	22	7	37	52	16.7	15	19	54	.46	.088	37	55	.90	176	.09	34	1.87	.07	.15	11	2	2	48	48	50

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-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: SILT AU** PT** PD** BY FIRE ASSAY & ANALYSIS BY ICP/GRAPHITE FURNACE. (30gm)

Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 10 1992 DATE REPORT MAILED: *July 20/92* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ICP ANALYSIS



John Peter Ross File # 92-1850 Page 1
Box 4842, Whitehorse Y.T. Y1A 4N8

SAMPLE#	As ppm	Sb ppm	Bi ppm	Ge ppm	Se ppm	Te ppm
M-1 (-80+150)	5.6	.1	.3	.1	.1	.1
M-2 (-80+150)	6.3	.1	.4	.1	.3	.1
M-3 (-80+150)	2.4	.1	.2	.1	.2	.1
M-4 (-80+150)	2.5	.1	.2	.1	.1	.1
M-5 (-80+150)	2.2	.1	.1	.1	.1	.1
M-6 (-80+150)	2.6	.1	.1	.1	.1	.1
M-7 (-80+150)	4.8	.2	.2	.1	.2	.1
M-8 (-80+150)	4.0	.1	.1	.1	.1	.1
M-9 (-80+150)	4.2	.2	.2	.1	.1	.1
RE M-5 (-80+150)	2.5	.1	.1	.1	.1	.1
M-10 (-80+150)	2.8	.1	.1	.1	.1	.1
M-11 (-80+150)	3.3	.1	.1	.1	.2	.1
M-12 (-80+150)	2.3	.1	.1	.1	.1	.1
STANDARD C	40.1	19.0	21.0	.3	.6	.3

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO₃-H₂O AT 95 deg.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
ANALYSIS BY HYDRIDE ICP. GE - PARTIAL LEACHED.

- SAMPLE TYPE: SILT Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 10 1992 DATE REPORT MAILED: *June 20/92* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

John Peter Ross File # 92-1850 Page 2
Box 4842, Whitehorse Y.T. Y1A 4N8

SAMPLE#	AU# ppb
M-1 (-150)	13.0
M-2 (-150)	3.0
M-3 (-150)	1.3
RE M-6 (-150)	4.4
M-4 (-150)	3.3
M-5 (-150)	13.9
M-6 (-150)	.9
M-7 (-150)	1.1
M-8 (-150)	3.3
M-9 (-150)	1.7
M-10 (-150)	4.7
M-11 (-150)	6.1
M-12 (-150)	.6
STANDARD AU#	9.3

AU# - 0.1% CYANIDE LEACH, SHAKE 2 MINUTES EVERY HOUR FOR 24 HRS., DIGEST IN AQUA REGIA, EXTRACT INTO MIBK, ANALYSIS BY GRAPHITE AA.

- SAMPLE TYPE: SILT Samples beginning 'RE' are duplicate samples.DATE RECEIVED: JUL 10 1992 DATE REPORT MAILED: *June 20/92* SIGNED BY: *C. Leung* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

John Peter Ross File # 92-1850 Page 1
Box 4842, Whitehorse Y.T. Y1A 4N8



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb	Pd** ppb	Pd** ppb
M-1 (-80+150)	1	18	9	77	.2	8	7	459	2.73	5	5	ND	9	40	.2	3	2	34	.43	.089	24	13	.67	265	.18	3	1.23	.02	.32	1	2	1	3	5	4
M-2 (-80+150)	1	55	2	124	.1	84	17	612	4.20	2	5	ND	4	26	.2	2	2	81	.55	.086	11	77	1.76	218	.15	4	1.91	.02	.49	1	2	1	2	4	4
M-3 (-80+150)	1	44	2	80	.1	48	13	381	3.61	2	5	ND	4	29	.2	2	2	75	.49	.085	10	47	1.26	242	.16	2	1.58	.02	.44	1	2	1	2	1	4
M-4 (-80+150)	1	22	4	64	.1	12	11	398	4.72	2	5	ND	2	59	.2	2	4	117	.65	.088	12	42	.55	89	.12	3	1.02	.04	.10	1	2	1	1	6	8
M-5 (-80+150)	1	19	5	129	.1	11	10	620	4.03	2	5	ND	11	64	.5	2	3	77	.79	.149	34	19	.53	145	.13	4	1.09	.03	.17	1	2	1	5	2	4
M-6 (-80+150)	1	15	4	147	.1	11	10	646	3.40	2	5	ND	12	64	.9	3	2	56	.75	.139	34	14	.53	146	.13	3	1.05	.02	.16	1	2	1	3	1	2
M-7 (-80+150)	2	26	11	94	.1	10	9	449	2.98	5	6	ND	11	68	.2	2	2	51	.79	.129	21	17	.78	155	.15	3	1.42	.02	.22	1	2	1	2	1	2
M-8 (-80+150)	1	13	6	47	.1	6	6	308	1.97	4	6	ND	7	56	.2	2	2	30	.77	.194	24	10	.48	225	.13	3	1.03	.02	.25	1	2	1	2	1	2
M-9 (-80+150)	1	23	11	79	.1	11	9	450	3.28	3	5	ND	6	59	.2	2	2	51	.76	.159	16	17	.83	247	.18	3	1.51	.02	.33	1	2	1	4	1	2
RE M-5 (-80+150)	1	13	11	131	.1	10	10	619	4.06	5	5	ND	15	66	.3	2	4	75	.76	.138	37	18	.58	144	.13	5	1.12	.03	.19	1	2	1	2	1	1
M-10 (-80+150)	1	13	6	114	.1	9	8	559	3.35	2	5	ND	15	87	.7	2	3	43	.88	.167	33	12	.57	195	.13	4	1.25	.02	.22	1	2	1	2	1	1
M-11 (-80+150)	1	24	3	156	.1	13	10	641	3.35	5	5	ND	5	74	1.0	2	3	60	.82	.130	17	17	.61	163	.14	5	1.29	.04	.19	1	2	1	3	3	3
M-12 (-80+150)	1	16	10	69	.1	6	7	382	2.39	3	5	ND	10	100	.2	2	3	34	1.01	.219	25	11	.62	239	.16	2	1.43	.03	.30	1	2	1	3	1	1
STANDARD C/FA-10R	18	55	38	128	6.9	67	29	1009	3.84	37	22	7	37	52	16.7	15	19	54	.46	.088	37	55	.90	176	.09	34	1.87	.07	.15	11	2	2	48	48	50

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-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: SILT AU** PT** PD** BY FIRE ASSAY & ANALYSIS BY ICP/GRAPHITE FURNACE.(30gm)
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 10 1992 DATE REPORT MAILED: *July 20/92* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ICP ANALYSIS



John Peter Ross File # 92-1850 Page 1
Box 4842, Whitehorse Y.T. Y1A 4N8

SAMPLE#	As ppm	Sb ppm	Bi ppm	Ge ppm	Se ppm	Te ppm
M-1 (-80+150)	5.6	.1	.3	.1	.1	.1
M-2 (-80+150)	6.3	.1	.4	.1	.3	.1
M-3 (-80+150)	2.4	.1	.2	.1	.2	.1
M-4 (-80+150)	2.5	.1	.2	.1	.1	.1
M-5 (-80+150)	2.2	.1	.1	.1	.1	.1
M-6 (-80+150)	2.6	.1	.1	.1	.1	.1
M-7 (-80+150)	4.8	.2	.2	.1	.2	.1
M-8 (-80+150)	4.0	.1	.1	.1	.1	.1
M-9 (-80+150)	4.2	.2	.2	.1	.1	.1
RE M-5 (-80+150)	2.5	.1	.1	.1	.1	.1
M-10 (-80+150)	2.8	.1	.1	.1	.1	.1
M-11 (-80+150)	3.3	.1	.1	.1	.2	.1
M-12 (-80+150)	2.3	.1	.1	.1	.1	.1
STANDARD C	40.1	19.0	21.0	.3	.6	.3

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 deg.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
ANALYSIS BY HYDRIDE ICP. GE - PARTIAL LEACHED.

- SAMPLE TYPE: SILT Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 10 1992 DATE REPORT MAILED: *June 20/92* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

John Peter Ross File # 92-1850 Page 2

Box 4842, Whitehorse Y.T. Y1A 4N8



SAMPLE#	AU# ppb
M-1 (-150)	13.0
M-2 (-150)	3.0
M-3 (-150)	1.3
RE M-6 (-150)	4.4
M-4 (-150)	3.3
M-5 (-150)	13.9
M-6 (-150)	.9
M-7 (-150)	1.1
M-8 (-150)	3.3
M-9 (-150)	1.7
M-10 (-150)	4.7
M-11 (-150)	6.1
M-12 (-150)	.6
STANDARD AU#	9.3

AU# - 0.1% CYANIDE LEACH, SHAKE 2 MINUTES EVERY HOUR FOR 24 HRS., DIGEST IN AQUA REGIA, EXTRACT INTO MIBK, ANALYSIS BY GRAPHITE AA.

- SAMPLE TYPE: SILT Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 10 1992

DATE REPORT MAILED:

SIGNED BY: *Chung*

D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS