ABSTRACT

The SILVER CREEK area on 115G/1 just south of Kluane Lake (near the Alaskan Hwy) was prospected due to a rumour of past, unrecorded gold in placer close to rotten quartz veins. Neither was verified.

The area north of Tiny Island Lake 105M/16 was prospected for VMS deposits similar to the MARG VMS deposit (ZN Pb Cu Ag Au). Nothing was found.

UKHM's RUBY 7-12 claims lapsed on 115H/4 (just NW of Killermun Lake). The MALOU 1-6 claims were staked. A soil grid had 2 high gold samples. As well, a float rock with visible gold was found on the Beth claims. Results 2.991 oz/t Au Hon. The SHUT claims to

the North has a large Au-As anomoly and gold bearing float (1 was 3.6 oz/Ton). The SHUT zone, my 2 high gold soil samples and the 2.99 oz/Ton sample are in line and suggest a mineralized structure of 2 miles or more.

In July a friend told me of the UKHM DEB 1-28 claims on 105 D 5 that had lapsed. I staked the PUPPY 1-16 and LOVE 17-32 claims. In the past the property was prospected, mapped for geology, and tested by trenching, soil grids (Zn, Pb, Cu) and magnetometer and VLF grids. It is a Pb-Zn-Ag skarn and in 1990 UKHM had budgeted $300,000 for drilling it. I feel this property is my best.

I spent most of September trying to get mining companies out to view my claims. Placer Dome spent 2 days on the LIB-BETH-MAY claims and Curragh spent 1 day on the Puppy Love claim.

SILVER CREEK

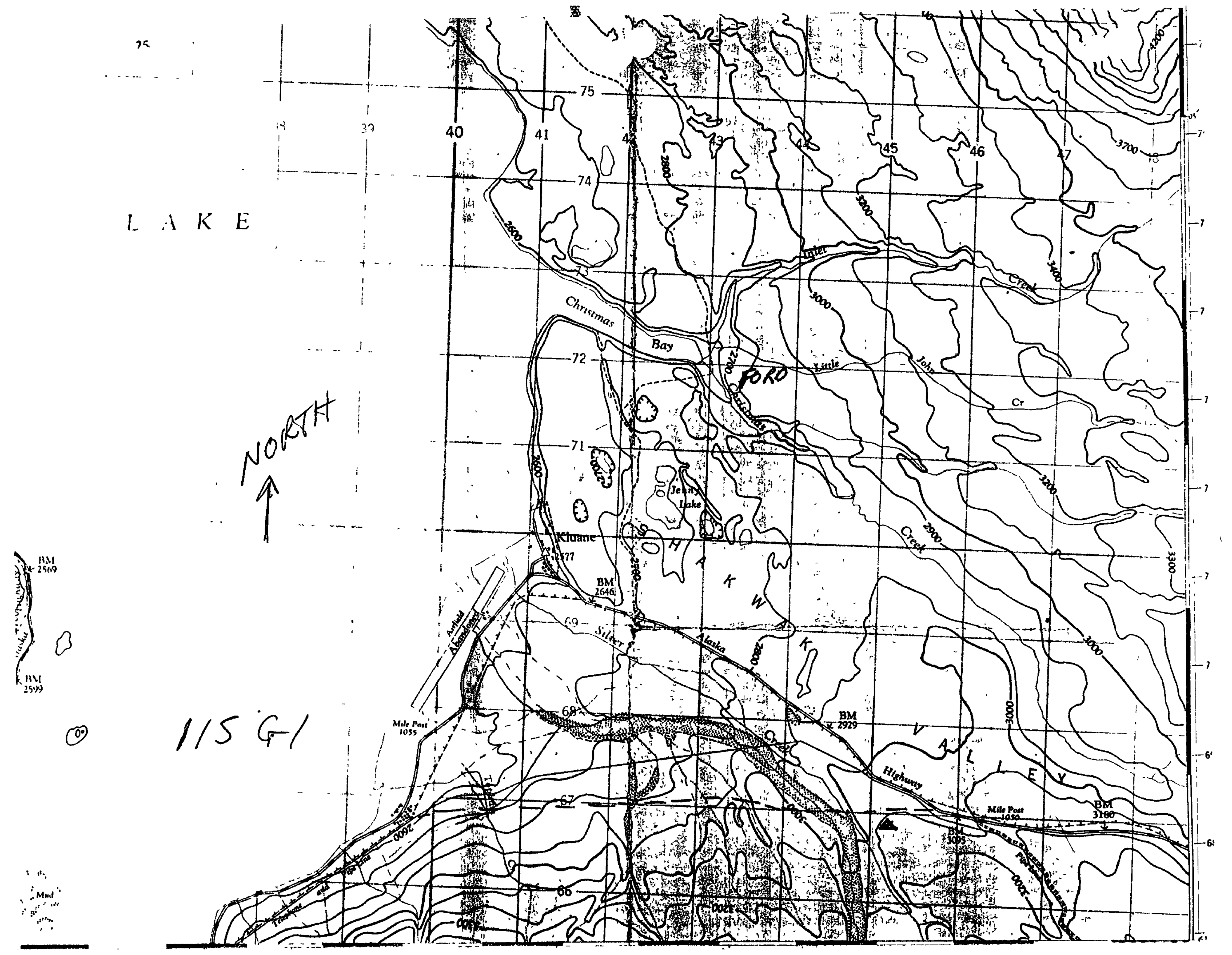
I was told by a friend that George Washington had placer mined on Silver Creek long ago for gold. Supposedly, he had found erratic pocket of coarse nuggety gold near rotten quartz veins. I located George in Haines Junction. The story was not the same. They had hand mined near the bridge and at depths of 4-6 feet had found bedrock. His partner found some fine gold but he found none. But he said some bedrock areas had small quartz veins with calcopyrite. He also said nuggets had been found higher up on Silver Creek. But he had not seen any of them.

I had to give it a try. The area is glacial till and no bedrock is seen

and the depth is uncertain. I walked up and down the creek and visited the gravel pit. No bedrock was seen. I also drove on back roads to the east. I am not sure where they are as no map has them marked & the terrain is flat. I dug down in 1 area 3–4' and had no time to do more, 4 glacial till float (?) were taken that had quartz veins & calcopyrite. They were not assayed. George seems reliable and I'd like to go there again in the fall and dig 3–4 holes 6–8' deep before I give up.

As well George & I talked about recreational gold-mining in Alaska. He suggested that Boulder Creek

might fill the bill as it was close to the road and in the best gold creek in that area. May 31 to June 05.



LAKE
NORTH
115 G1
FORD
Christmas Bay
Christmas Cr
Inlet Creek
Little John Cr
Jenny Lake
Kluane
2577
BM 2646
BM 2569
BM 2599
BM 2929
BM 3095
BM 3180
Airfield Abandoned
Silver Creek
Alaska Highway
SHAKWAK VALLEY
Mile Post 1055
Mile Post 1050
Telephone and Pipeline
Mud
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2900
3300

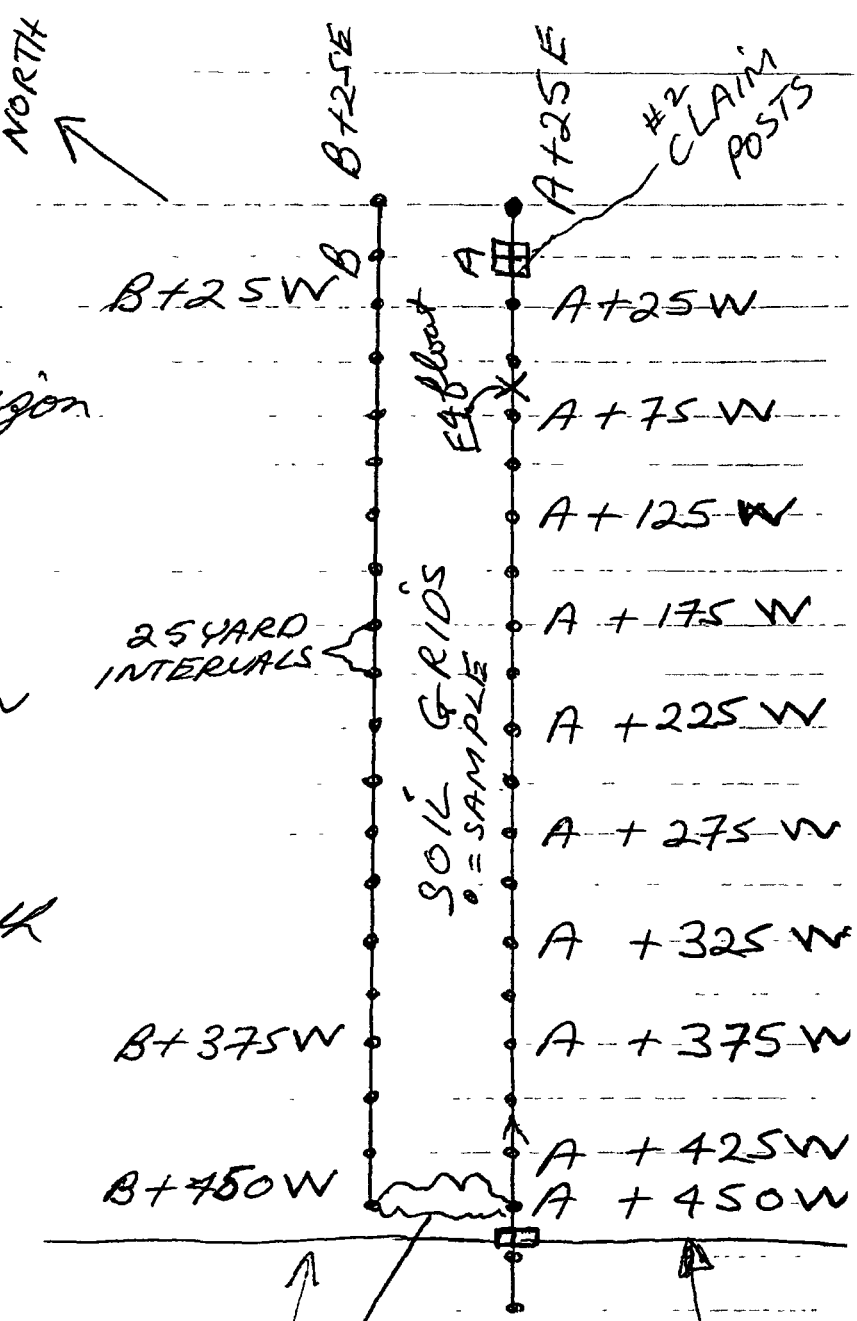
MALOU CLAIMS (115 H 4)

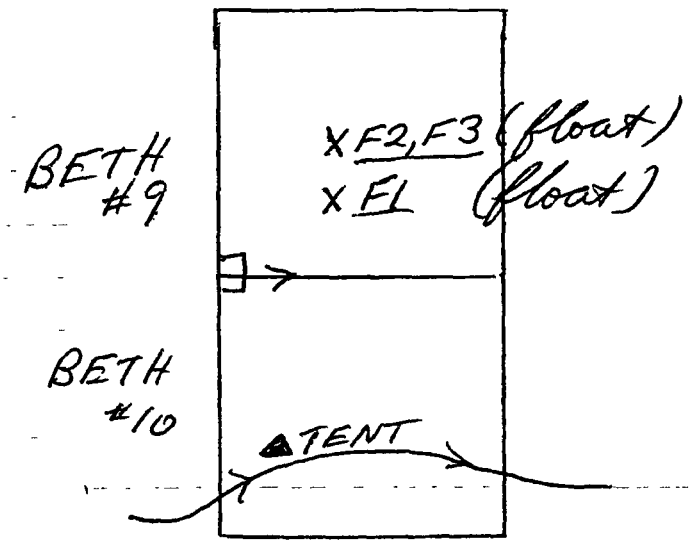
The Malou claims 1-6 (YB35901 - YB35906) were staked on June 10 6 91. They are about 3 kilometers NE of Killermun Lake. Access is by helicopter. Previously UKHM had the Ruby 7-12 claims in the area now staked. A soil geochem survey had shown a large area to be anomolous in Au + As. The Ruby 7-12 claims had lapsed. The area is mostly hornfelsed schist. About 3 miles to the south is a plug of Ruby Range granidiorite and the same 3 miles to the north is a large block. Numerous dykes of granidiorite occur in the area. Placer gold has been mined in creeks to the south + west.

I returned on August 22. On

August 23 9

took 40 soil samples (B Horizon about 6" deep). I left my lip chain at A+450W and the 40 soils about 2000' south of A+450 W ; yellow pails on a flat Rock.





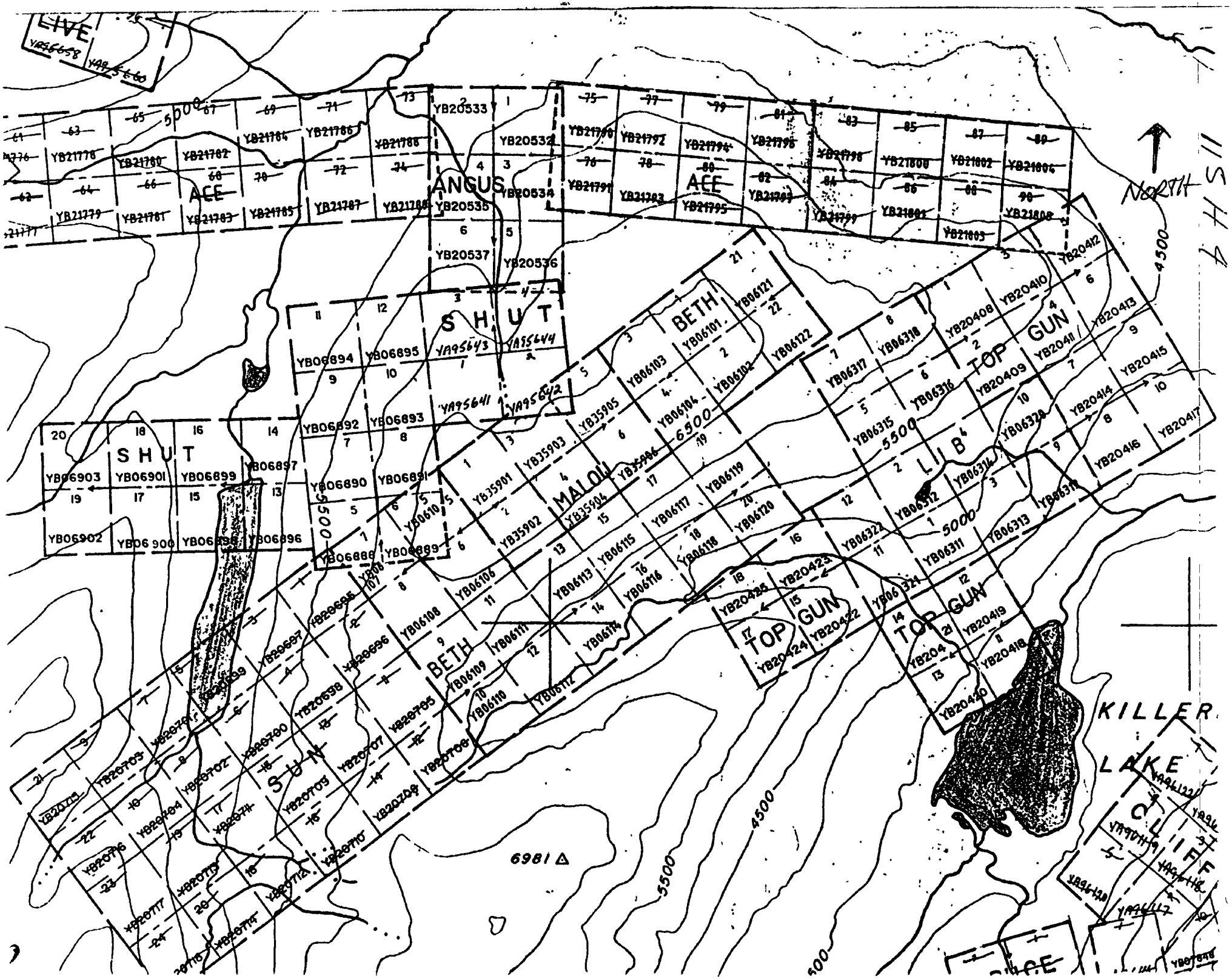
The next day it started to snow and stopped on August 29/91 when I had to fly out by helicopter (without my 40 soils + hip chain)

Visible gold was detected in ½ upon cutting by a diamond saw. Result was 2.99 oz Au/ton

Placer Dome inspected the LIB-BETH-MALOU claims on October 1 or 2/91 and 02/91. The 40 soils + hip chain were found. Only gold was analysed by Placer Dome. Most were weakly anomalous in gold. A + 425 W and B + 375 W were highly anomalous.

The SHUT claims to the north have anomalous Au-As areas and float up to 3.6 oz Au/ton. Their zones,

my 2 soils (A+425 W, B+375W), and F3 are vaguely in line. The distance is 7-8 claims long (10,500-12,000 feet) in a northerly direction. I recommend more soil samples in 1992 on the MALOU #1 claim.


ACE
ANGUS
SHUT
BETH
MALOU
TOP GUN
LIB
KILLER
LAKE
NORTH
6981
5500
6500
5000
4500

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GEOCHEMICAL ANALYSIS CERTIFICATE Ruby (K6)

Noranda Exploration Co. Ltd. PROJECT 9109-046 312 File # 91-4239

1050 Davie St., Vancouver BC V6E 1M4

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	Hg ppb	SAMPLE wt. gm	AU-100 oz/t	NATIVE Au mg	AVG oz/t
R119146	5	16	11	25	.1	62	19	531	.62	142	5	ND	1	4073	.3	2	2	11	7.39	.520	2	21	.04	86	.02	2	8.42	.37	.06	42	25	660	.023	.07	.026
R119147	9	22	12	29	18.5	23	4	129	1.19	2214	5	78	1	501	.2	2	2	6	.66	.052	2	49	.06	264	.01	2	.89	.04	.02	6	140	640	2.328	14.55	2.991
R119148	12	22	6	10	2.0	21	2	99	1.09	291	5	9	1	22	.2	2	2	5	.05	.004	2	60	.01	33	.01	2	.10	.01	.02	1	20	610	.004	.04	.006
RE R119146	6	12	5	19	.1	59	18	494	.53	141	5	ND	1	3859	.2	2	2	2	6.66	.481	2	22	.03	81	.01	3	7.73	.36	.05	40	20	-	-	ND	-

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK HG ANALYSIS BY FLAMELESS AA. -100 MESH AU BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 9 1991 DATE REPORT MAILED: Sept 17/91. SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

R119146 = F2

R119147 = F3

R119148 = ~~F3~~ F4

Northern Analytical Laboratories ltd.

Work Order # 13486

October 29,1991

File # 13486a

Project # Lib iW

Placer Dome Exploration Limited
103 Platinum Road
Whitehorse, Yukon
Y1A 5M3

Assay Certificate for Samples Provided

Sample #	Au ppb
A + 25E	70
A + 00	12
A + 25W	41
A + 50W	28
A + 75W	31
A + 100W	36
A + 125W	58
A + 150W	37
A + 175W	98
A + 200W	11
A + 225W	13
A + 250W	3
A + 275W	5
A + 300W	<5
A + 325W	9
A + 350W	7
A + 375W	12
A + 400W	58
A + 425W	346
A + 450W	61
B + 25E	16
B + 00	50
B + 25W	20
B + 50W	17
B + 75W	14
B + 100W	22
B + 125W	10
B + 150W	25
B + 175W	43
B + 200W	69

Certified by . . . .

Northern Analytical Laboratories ltd.

Work Order # 13486

October 29, 1991

File # 13486b

Project # Lib 1W

Placer Dome Exploration Limited
103 Platinum Road
Whitehorse, Yukon
Y1A 5M3

Assay Certificate for Samples Provided

Sample #	Au ppb
B + 225W	13
B + 250W	33
B + 275W	17
B + 300W	8
B + 325W	38
B + 350W	11
B + 375W	632
B + 400W	40
B + 425W	14
B + 450W	87
Rocks X-5	10
Rocks X-6	24
Rocks X-7	14

Certified by .....

Tiny Island Lake

On map 105 M 16 are the same geological units that host the MARG VMS deposit. Zn Pb Cu (Ag Au). I discussed it with Grant abbott, Steve Gordey (a paper on the area) and Rob Turner (a paper on the MARG).

A showing à a stream — STRATIFORM QUARTZ, PYRITE, BARITE — was in the paper. Steve said it was part of a SEDEX system and Rob said it might be right on top (or beside) a VMS system. I hoped it was the latter.

I left White Rose on June 09 and returned on July 16. I staked the 1-6 AMY claim on top of the showing. They were later on disallowed because of Cana claims and as well Kennicott (AURUM

resources I had staked the area. I did not see any posts and the Mayo record office had no up-to-date records.

The area chosen is anomalous in copper and zinc. ~~Helico~~ Helicopters must land on mountain tops because of tree cover. This means no water near by and long walks through thick brush. Very little bedrock as well.

Mostly the weather was too hot to work well and too wet to want to do anything. I spent 3-4 days or more cutting a landing pad on top of the showing.

V1-V15 were silts to test for anomolies. V20+V21 test soils a depression V16-V19 test a felsic volcanics / phylite contact. a very common site

for VMS.

*V19 is a strange result. Zinc is all over. Good Cu Pb anomalies indicate VMS in this area. 173 Pb and low copper is puzzling.

No rocks were tested. I had planned to stake 24 claims but only did 6 because of many problems.

I think that somewhere nearby is a MARG type VMS but the remoteness, the land claims and thick forest and lack of outcrop make it a difficult target.

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GEOCHEMICAL ANALYSIS CERTIFICATE

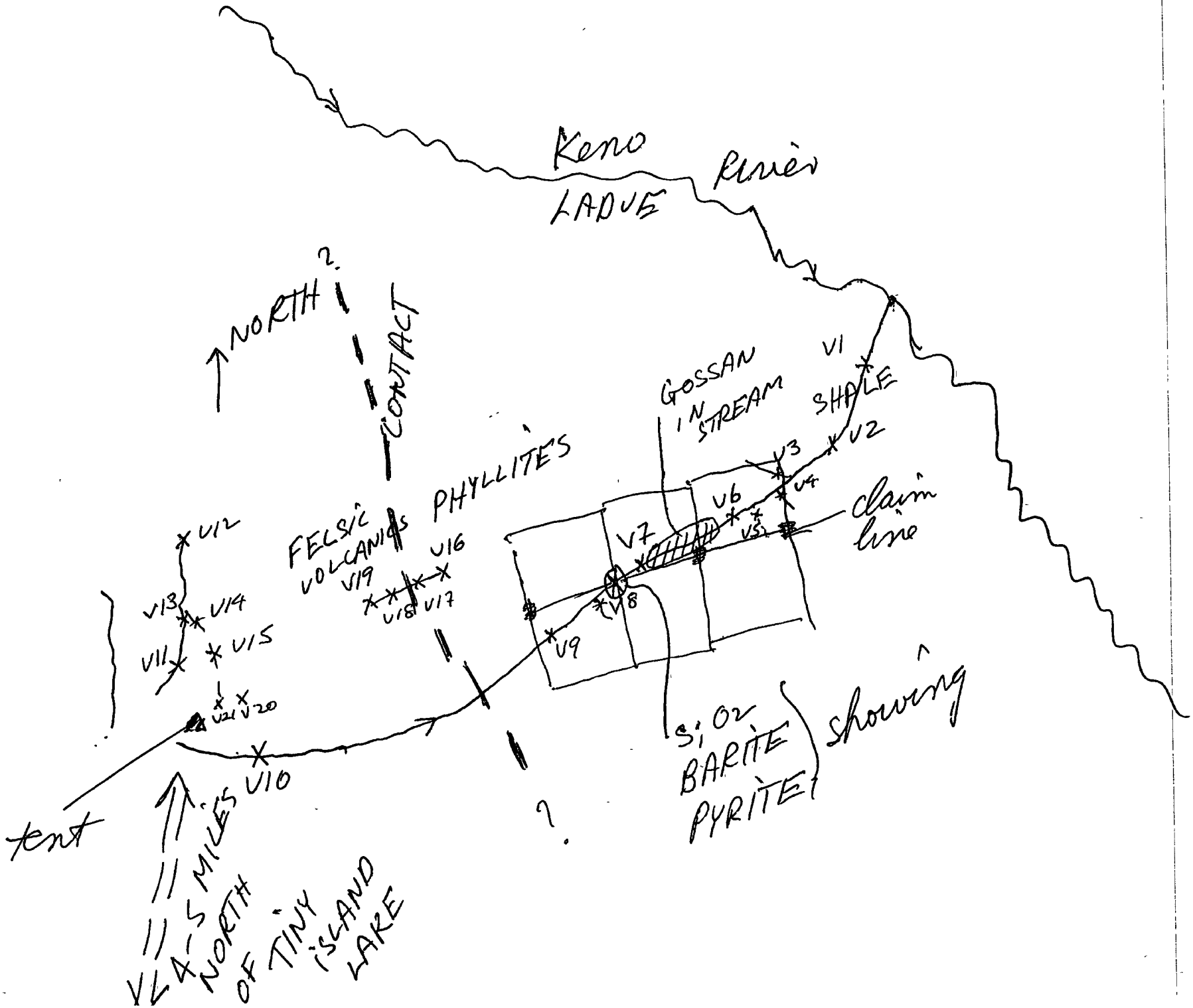
Northern Analytical Labs. Ltd. File # 91-2727 Page 1

105 Copper Road, Whitehorse YT Y1A 2Z7

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
13256 V-1	4	35	15	251	.2	48	11	489	2.64	13	5	ND	4	50	1.8	2	2	28	.62	.078	12	11	.51	627	.03	5	.78	.01	.06	1
13256 V-2	4	34	18	278	.2	42	13	624	2.92	17	5	ND	4	52	1.4	2	2	27	.68	.081	12	11	.55	633	.03	4	.80	.01	.06	1
13256 V-3	3	38	15	299	.2	48	14	592	3.48	16	5	ND	4	61	1.1	2	2	30	1.16	.085	13	11	.73	721	.03	3	1.00	.01	.08	1
13256 V-4	4	29	13	376	.2	60	12	640	2.83	13	5	ND	4	46	1.3	2	2	28	.78	.108	11	7	.54	836	.03	2	.79	.01	.07	1
13256 V-5	3	24	8	118	.1	22	7	399	1.85	9	5	ND	2	41	.6	2	2	26	.55	.069	9	3	.38	728	.03	2	.64	.01	.05	1
13256 V-6	2	41	17	269	.2	46	15	706	3.61	15	5	ND	4	57	1.1	2	2	29	1.08	.069	13	13	.64	594	.03	3	.96	.01	.08	1
13256 V-7	4	29	17	170	.3	32	11	524	2.55	9	5	ND	3	54	1.0	2	2	28	.43	.067	16	22	.45	523	.03	2	.82	.01	.06	1
13256 V-8	4	24	10	108	.2	22	8	421	1.91	9	5	ND	2	49	.7	2	2	33	.40	.072	11	2	.33	800	.03	2	.67	.01	.07	1
13256 V-9	3	25	13	162	.1	38	9	398	2.36	8	5	ND	3	46	.9	2	2	27	.35	.060	16	31	.47	461	.04	2	.81	.01	.05	1
13256 V-10	8	50	17	398	.4	73	18	836	3.32	16	5	ND	3	46	11.5	3	2	27	.30	.089	17	10	.26	412	.01	2	.78	.01	.05	1
13256 V-11	4	31	12	329	.6	48	7	240	2.25	11	5	ND	3	49	4.3	3	2	31	.35	.082	16	7	.23	434	.01	4	.77	.01	.05	1
13256 V-12	5	34	14	337	.3	46	8	348	2.44	12	5	ND	4	52	3.1	3	2	23	.27	.090	18	6	.20	333	.01	2	.65	.01	.05	1
13256 V-13	5	31	13	204	.4	28	7	315	2.25	12	5	ND	4	54	1.8	3	2	26	.27	.094	20	6	.19	300	.01	2	.65	.01	.05	1
13256 V-14	5	42	14	734	.4	98	11	461	2.73	11	5	ND	4	50	6.5	3	2	24	.26	.073	21	6	.21	364	.01	2	.77	.01	.04	3
13256 V-15	8	58	18	768	.9	111	13	424	3.55	17	5	ND	4	55	7.9	4	2	30	.22	.098	20	9	.20	337	.01	4	.91	.01	.05	3
13256 V-16	2	6	22	24	.5	5	2	47	1.10	5	5	ND	8	31	.2	2	2	18	.01	.024	44	4	.05	175	.01	3	.76	.01	.07	1
13256 V-17	2	19	13	57	.3	14	4	118	2.16	7	5	ND	4	21	.2	2	2	28	.02	.037	28	9	.17	274	.01	2	.94	.01	.07	1
13256 V-18	3	18	40	70	1.1	16	5	193	2.63	11	5	ND	5	38	.2	2	2	36	.03	.043	26	12	.24	322	.01	4	1.24	.01	.12	1
13256 V-19	5	9	173	40	1.0	7	2	52	1.20	10	5	ND	1	20	.2	2	2	33	.01	.042	24	5	.03	102	.01	2	.50	.01	.05	1
13256 V-20	5	24	23	80	.5	16	4	135	1.81	15	5	ND	3	34	.3	6	2	32	.10	.059	26	10	.20	130	.01	2	.65	.01	.04	1
13256 V-21	6	21	76	92	1.1	16	4	131	2.80	20	5	ND	3	27	.2	6	2	49	.03	.045	20	15	.23	176	.01	2	1.24	.01	.07	1
STANDARD C	19	57	40	133	7.3	72	33	1055	4.00	43	18	6	40	52	18.6	16	19	56	.49	.090	39	59	.89	177	.09	34	1.90	.06	.15	12

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: PULP WO# 13256

DATE RECEIVED: JUL 22 1991 DATE REPORT MAILED: July 25/91 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS


Kenogami River
LADUE
NORTH
CONTACT
FELSIC VOLCANICS
PHYLLITES
GOSSAN IN STREAM
SHALE
claim line
V1
V2
V3
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BARITE
PYRITE
showing
tent
1.5 MILES NORTH OF TINY ISLAND LAKE

Rose Lake

In July a friend brought to my attention the lapsed claims of UKHM on map sheet 105 O5. Lead-zinc-silver skarns. $300,000 was budgeted in 1990 for drilling. They are about 40 miles south west of Whitehorse by helicopter.

I spent July 29 - Aug 13 there and staked PUPPY 1-16 and LOVE 15-32 claims. 9 rock samples and 2 ~~soil~~ (silt) samples. R12 was a bedrock sample near T1. All other R's were float. Only non-skaren float were analyzed. Specimens from trenches were taken but not tested.

UKHM did a magnetometer and VLF survey of the 14 middle claims

of the DEBB group. Cu Zn Pb grids were done on all the 28 claims.

The 15-16 Puppy + Love claims are new add-ons. About ½ of the 1-2 Puppy and Love are added on as well.

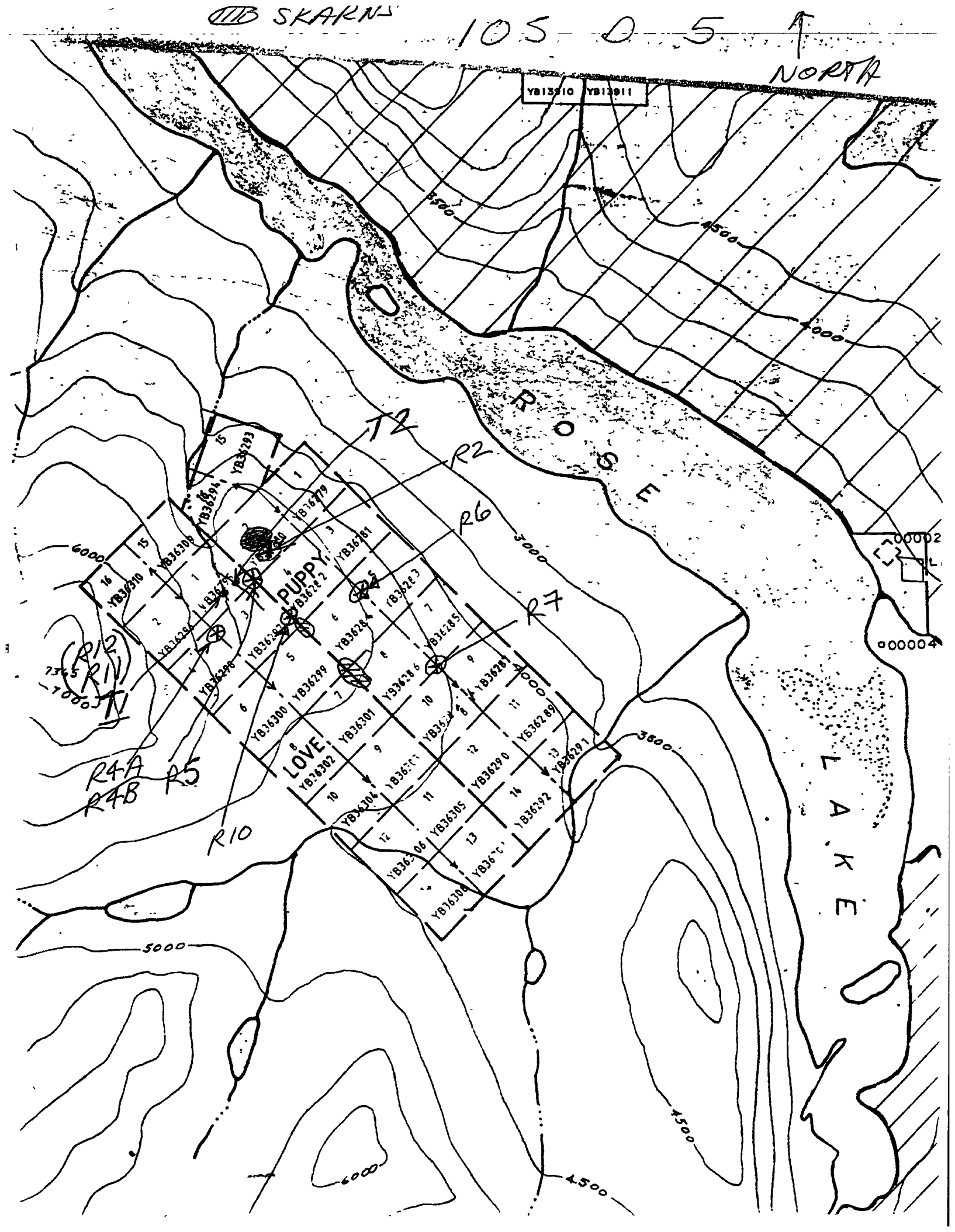
On September 15 Greg Jilson and Cam ? visited the puppy-Love claims. They did not take any trench samples. They took a lot of notes and 1 ? Sample - Turney out to be pyrrhotite. No option - they want showings with 10-12 drill holes. Fussy, fussy!!! They suggested an IP survey for exploration.

Atsushi Goni of Total Energold - Mitsui T.V. is also interested but could not get permission from Tokyo to visit the claims.

These claims are the best I have so far. Joni may see the claims in 1992 Spring. It is possible that showings exist along strike on and off the claim blocks. Gossans were observed from the helicopter to the NE. In 1992 (if no option) I plan to soil sample + prospect along strike to the NE. And also to clean out the old trenches.

John Peter Ross

8/NOV/91.


SKARNS
105 05
NORTH
YB13910
YB13911
POGE
LAKE
PUPPY
LOVE
R1
R2
R4A
R4B
R5
R6
R7
R10
R12
T2
T1
6000
5000
4500
4000
3800
3000
00002
00004

NORANDA VANCOUVER LABORATORY
Geochemical Analysis

Project Name & No.: YUKON GENERAL – 312 **Geol.:** R.B. **Date received:** SEP. 06 **LAB CODE:** 9109–045
Material: 2 SOILS **Sheet:** 1 of 1 **Date completed:** SEP. 20
Remarks: * Sample screened @ –35 MESH (0.5 mm)
¤ Organic, Δ Humus, S Sulfide Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)
ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 11 ml with water. Leeman PS3000 ICP determined elemental contents.
N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method. *Sb – Aqua Regia/Tartaric acid/AA

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
147	138938	5	0.2	2.25	19	355	0.9	6	5.51	1.6	67	12	20	37	2.96	0.37	33	23	3.40	606	3	0.07	22	0.07	22	1	81	0.23	70	116
148	138939	5	0.2	2.19	13	258	1.0	5	2.55	2.1	86	11	18	34	2.78	0.34	39	23	1.55	427	2	0.07	20	0.05	47	1	88	0.20	51	243

147 = T1

148 = T2

30 left Nhee DP

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PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9109-045 312 FILE # 91-4728
1050 Davie St., Vancouver BC V6E 1N4

SAMPLE#	Hg ppb
S 138938	10
S 138939	15
RE S 138939	15

- SAMPLE TYPE: SILT PULP HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 25 1991 DATE REPORT MAILED: Sept 27/91.

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

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Northern Analytical Labs. Ltd. PROJECT WO#13335 File # 91-3927

105 Copper Road, Whitehorse YT Y1A 2Z7

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
R-2	1	230	7	19	.2	22	9	71	1.67	2	9	ND	9	977	.4	2	2	15	14.18	.028	14	24	.25	48	.06	5	4.35	.12	.17	1
R-4A	1	11	4	9	.1	2	1	109	.13	7	5	ND	3	107	.2	3	2	1	14.87	.044	2	5	6.16	19	.01	17	.11	.01	.01	1
R-4B	1	24	14	24	.1	2	1	137	.15	11	5	ND	1	87	.2	2	2	1	14.22	.029	2	3	7.32	49	.01	16	.06	.01	.01	1
R-5	5	54	49	100	10.3	11	5	173	1.16	5	5	ND	8	11	.2	2	2	8	.57	.027	26	61	.65	58	.05	3	.63	.01	.07	1
R-6A	1	85	2	35	.1	78	34	394	7.35	2	5	ND	1	22	.3	2	2	157	.34	.012	3	183	1.79	233	.17	2	3.97	.08	.63	1
R-7	5	65	5	31	.1	16	9	899	6.96	8	5	ND	11	23	.2	2	2	34	.19	.103	22	58	1.75	44	.01	2	3.21	.07	.05	1
R-10	2	307	11	925	2.1	5	9	2604	4.06	4	5	ND	2	165	10.5	2	2	16	4.07	.034	7	24	1.05	30	.01	2	1.26	.01	.01	1
RE R-7	5	66	9	50	.1	14	9	941	7.00	9	5	ND	12	25	.2	2	2	34	.24	.106	23	56	1.80	40	.01	2	3.20	.07	.05	1
R-11	13	9	5	13	.2	5	2	92	.54	3	5	ND	1	2	.2	2	2	2	.04	.004	2	134	.06	5	.01	4	.13	.01	.01	1
R-12	9	24	5	29	.1	5	2	91	.91	2	5	ND	1	5	.2	2	2	3	.11	.005	2	96	.10	10	.01	3	.21	.01	.01	1

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: PULP Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 28 1991 **DATE REPORT MAILED:** Sept 3/91. **SIGNED BY** C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Northern Analytical Laboratories ltd.

August 29,1991 **Work Order #** 13335

Peter Ross

Assay Certificate For Samples Provided

Sample #	Au ppb
R-2	15
R-4A	12
R-4B	16
R-5	14
R-6	<5
R-7	<5
R-10	9
R-11	<5
R-12	<5

Certified by C Hyoki

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