1995 GRASSROOTS PROSPECTING

TUNGSTEN ROAD AND LAPIE LAKE TARGET AREAS

YUKON TERRITORY

For
Yukon Mining Incentives Program
Economic Development
Government of the Yukon
Box 2703, Whitehorse, YT
Y1A 2C6

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95-075

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TUNGSTEN ROAD PROJECT

LOCATION AND ACCESS

This target area is situated in the Logan mountains 100 km north of Watson Lake, YT, and is accessible via the Tungsten Road approximately 50 km from its junction with the Robert Campbell Highway north of Watson Lake. Road distance is 170 km from Watson Lake and takes about 3 hours to drive. Most areas targeted were within walking distance of the Tungsten Road.

GEOLOGY

The target area is situated in the Selwyn Basin. Silurian and Devonian strata are predominant with Cretaceous granitic bodies flanking both sides 10 km to the east and west. The area was mapped 1:250,000 in 1966 by the GSC. Bedrock is relatively scarce and is generally confined to outcrops along creek beds.

WORK DONE

Initially, a previous pegmatitic quartz vein was investigated for a closer look. Some shallow pits in the area and lab analysis indicated only unmineralised veining (TR RCS 044, 045). Then prospecting along some of the limited outcrop, along the Tungsten Road, produced 50 lbs of skarny phyrrotite sulphides (1119 ppm Cu). Some shallow pits were dug on local hillsides looking for more float. A more regional scale was then conducted as no stream sediment analysis were ever done for this corner of the map sheet. Initially, 11 stream and 16 regional soil samples were taken. Sampling efforts were later directed in the area of a 1 0m anticline near Dolly Varden Creek, where alteration seemed to occur. A facies contact also appears to occur here, changing from phyllites to quartzite with a black fetid limestone member overlying (?)quartzite.

Later, more soil samples were taken at the pyrrhotite float area and at the edge of a swamp near the contact where quartz and marble occur.

Altogether, 25 soil , 20 stream, and 19 rock samples were analyzed. 11 days were spent prospecting and 3 days by the contractor (Associated Hydrotechnical services).

RESULTS AND RECOMMENDATIONS

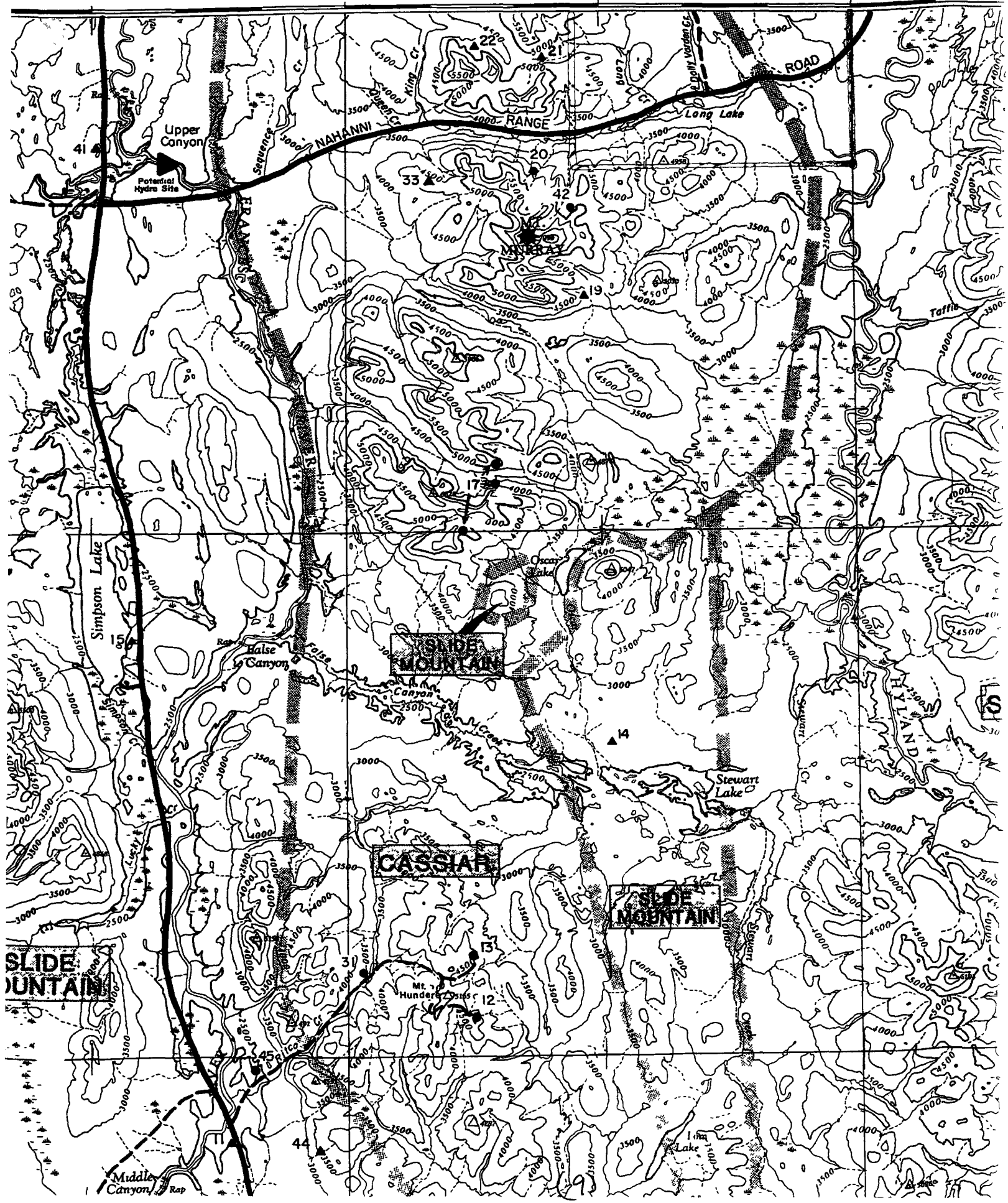
Initially it was hopeful a granitic intrusion occurred near skarn float but now appears to be transported glacially or down slope. Coincidentally, alteration exists in otherwise boring sedimentary layers in the general area possibly reflecting a buried intrusion at depth. Small 1.0m anticlines, druzy quartz, iron carbonate float, coarse marble and quartz, high temp calcite, and barite veining all suggest some form of alteration. Although the best barite sent for analysis was not very high, the lab tech. suggested ICP may not have digested Ba very well. Ba was asked for assay but was overlooked in the flood of work. A good estimate due to its heavy nature would be 80% Ba or better.

An even broader approach was taken for a sedex style deposit due to high Ba in black limestone (953 ppm) and a fault slump breccia (?) in the sedimentary horizon. Minor chlorite (?) in quartz was observed upstream from Dolly Varden culvert but may be regionally metamorphosed. No obvious igneous activity of any sort could be noted in bedrock, say as a tuff layer, although bedrock exposure is generally lacking.

Efforts for skarn mineralisation should be directed near the granitic contacts to the east and west of the target area.

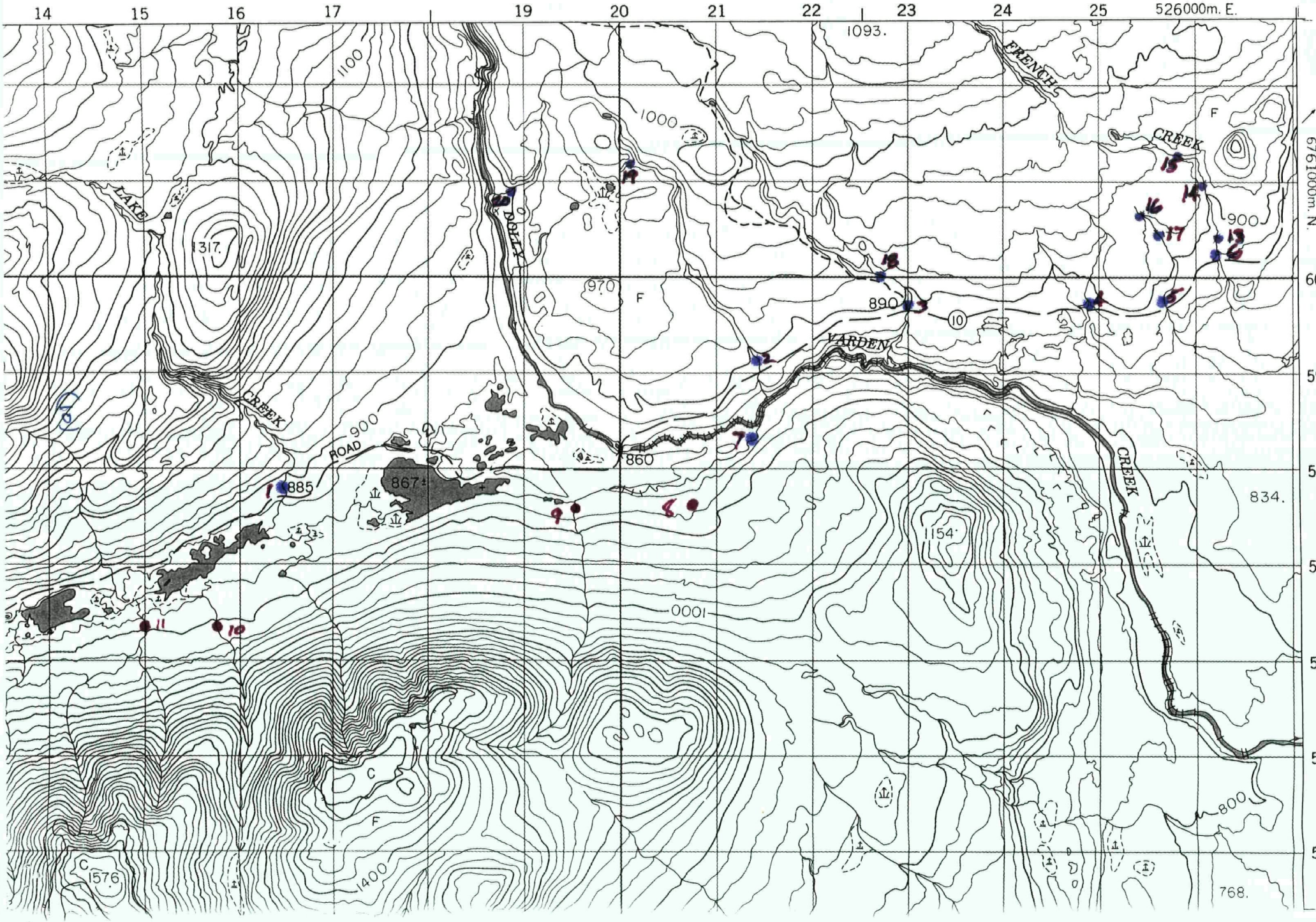
TUNGSTEN PROJECT

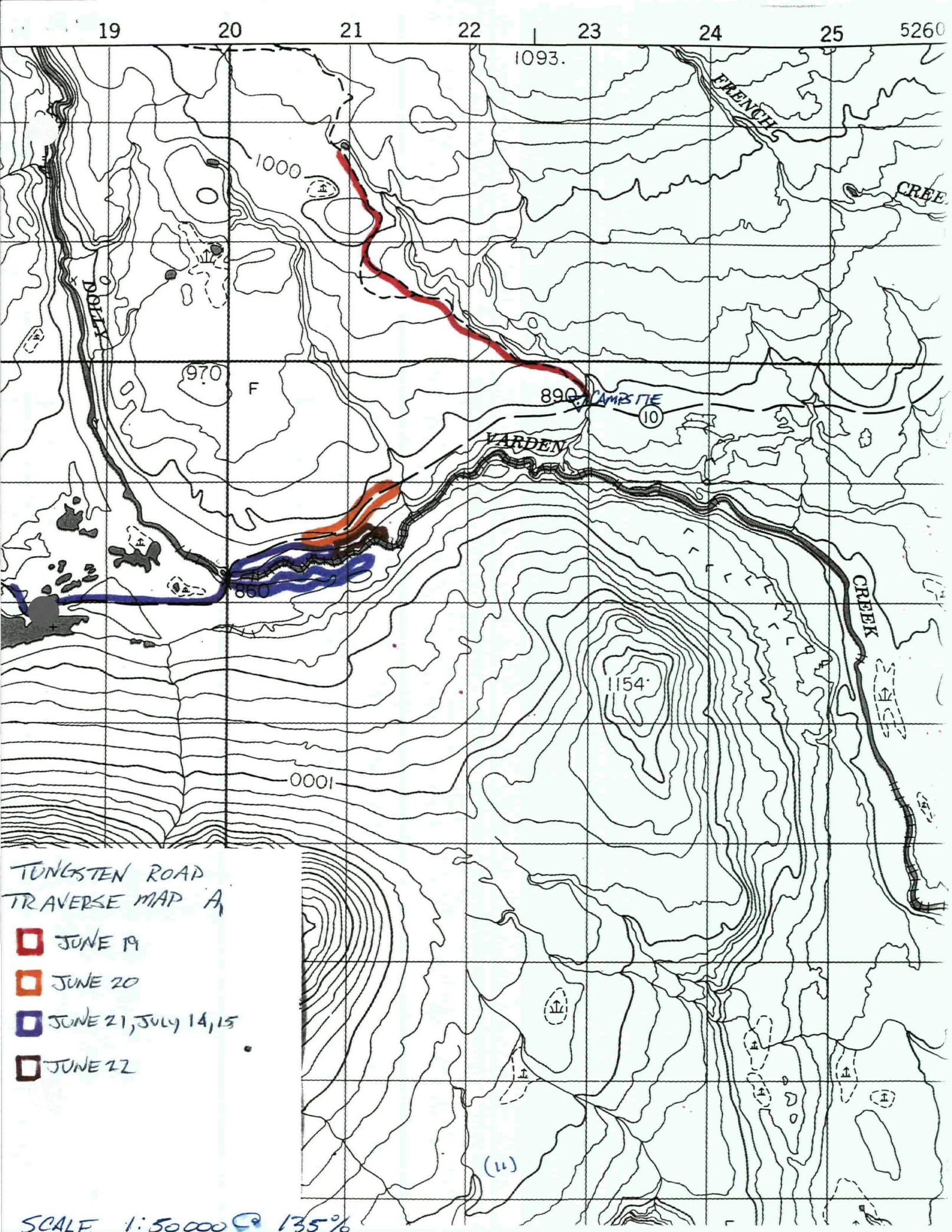
15' 129°00' Frances Lake 105 H 45' AREA 1 "EXPLORATION AREA"

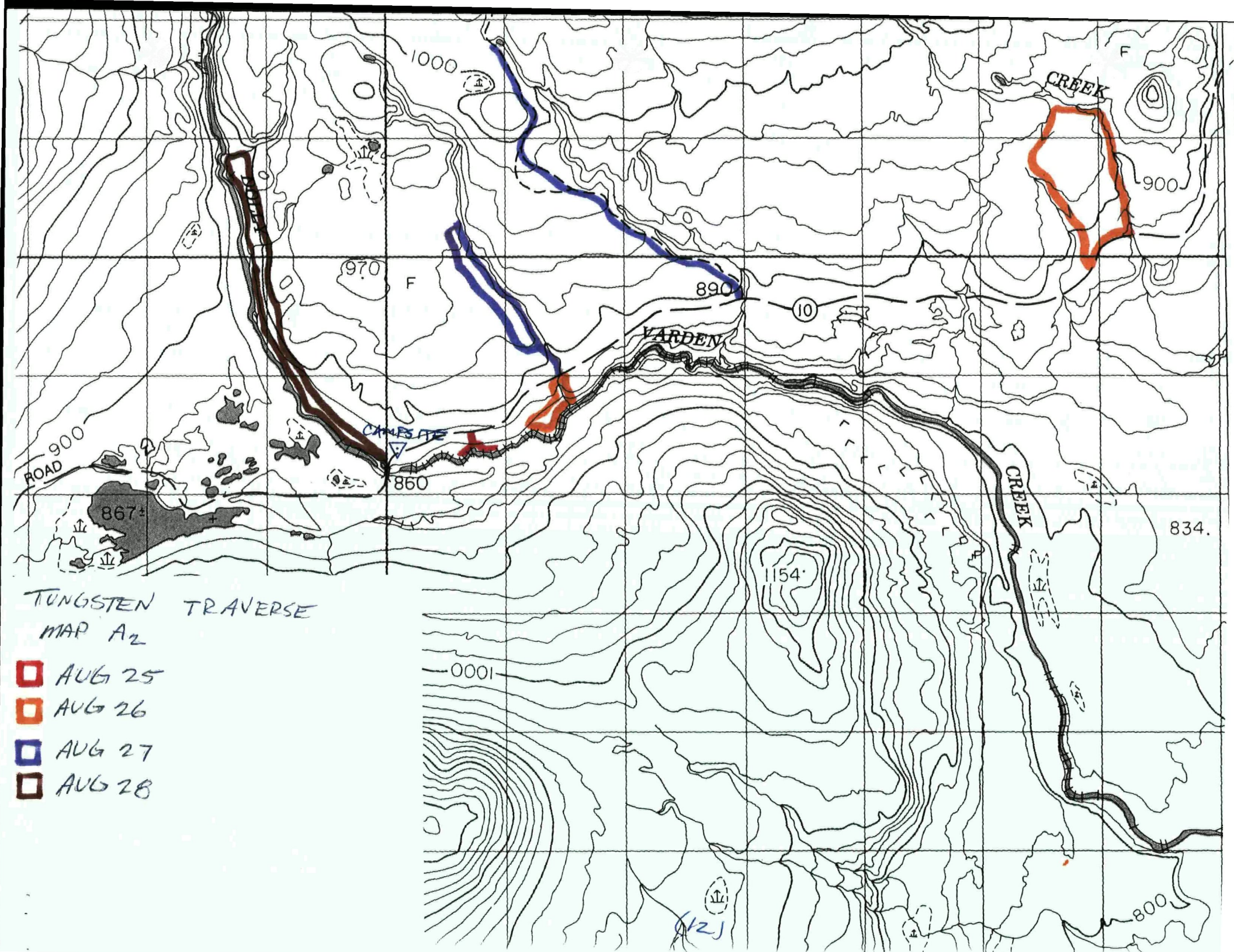


TUNGSTEN PROJECT REGIONAL STREAM & SEDIMENT SAMPLES

ada AREA 1 **MÉTRIQUE** • STREAM SAMPLE ÉDITION 1 (TRSTS 001-020) 105 A/15

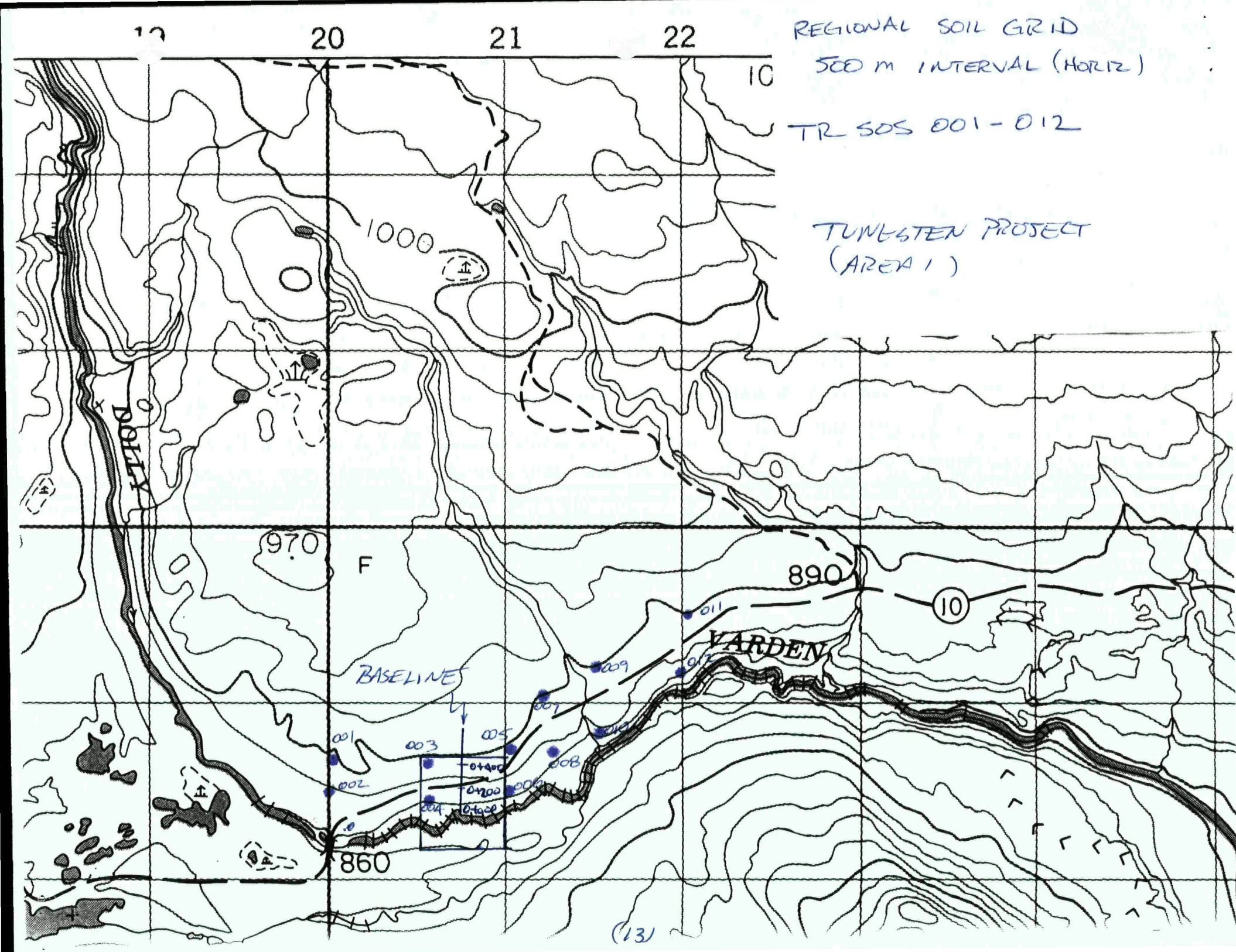


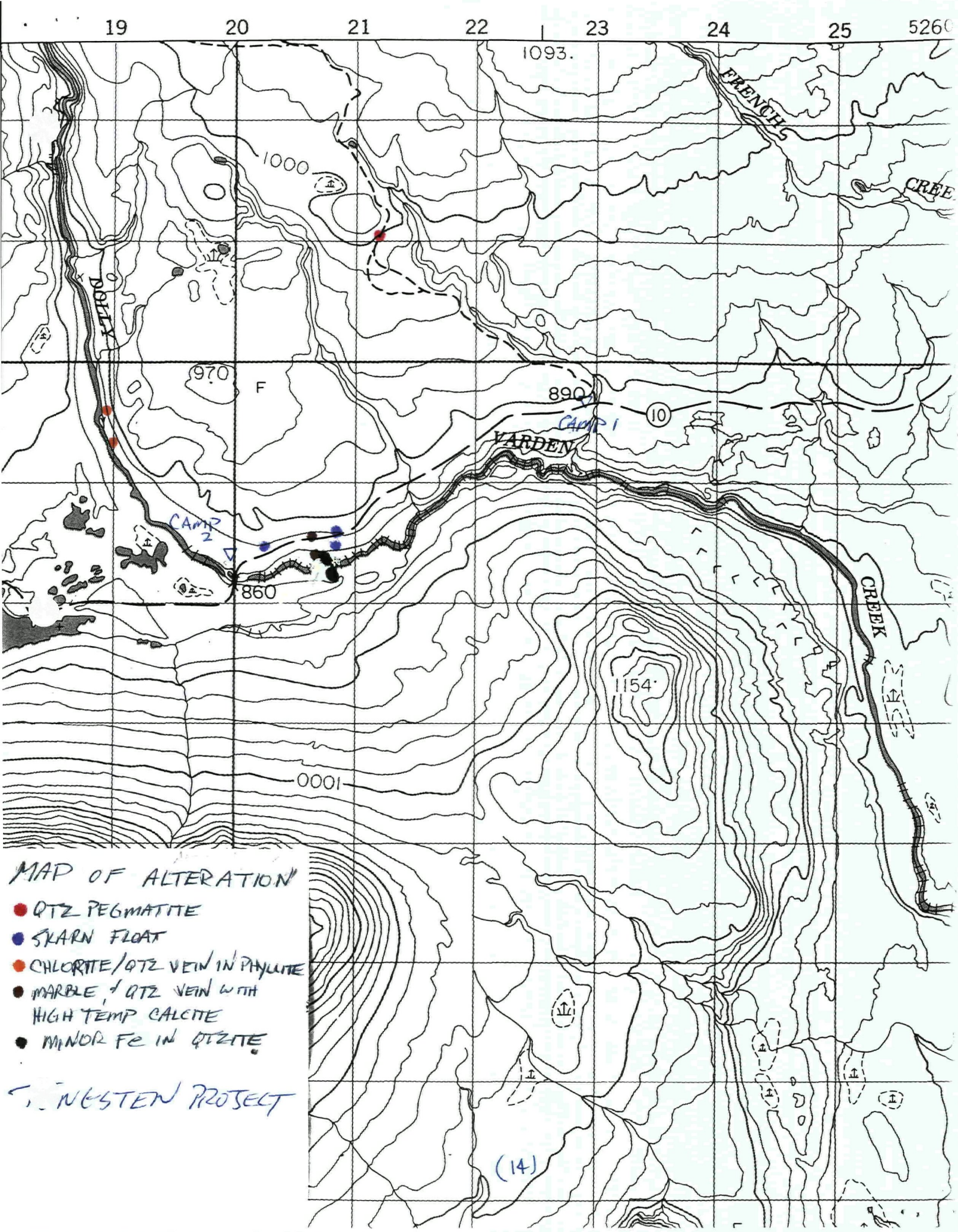

19
20
21
22
23
24
25
5260
1093.
FRENCH
CREE
1000
DOLLY
970
F
890
CAMPSITE
10
VARDEN
CREEK
850
1154
0001
TUNGSTEN ROAD
TRAVERSE MAP A
JUNE 19
JUNE 20
JUNE 21, JULY 14, 15
JUNE 22
(11)
SCALE 1:50000 @ 135%

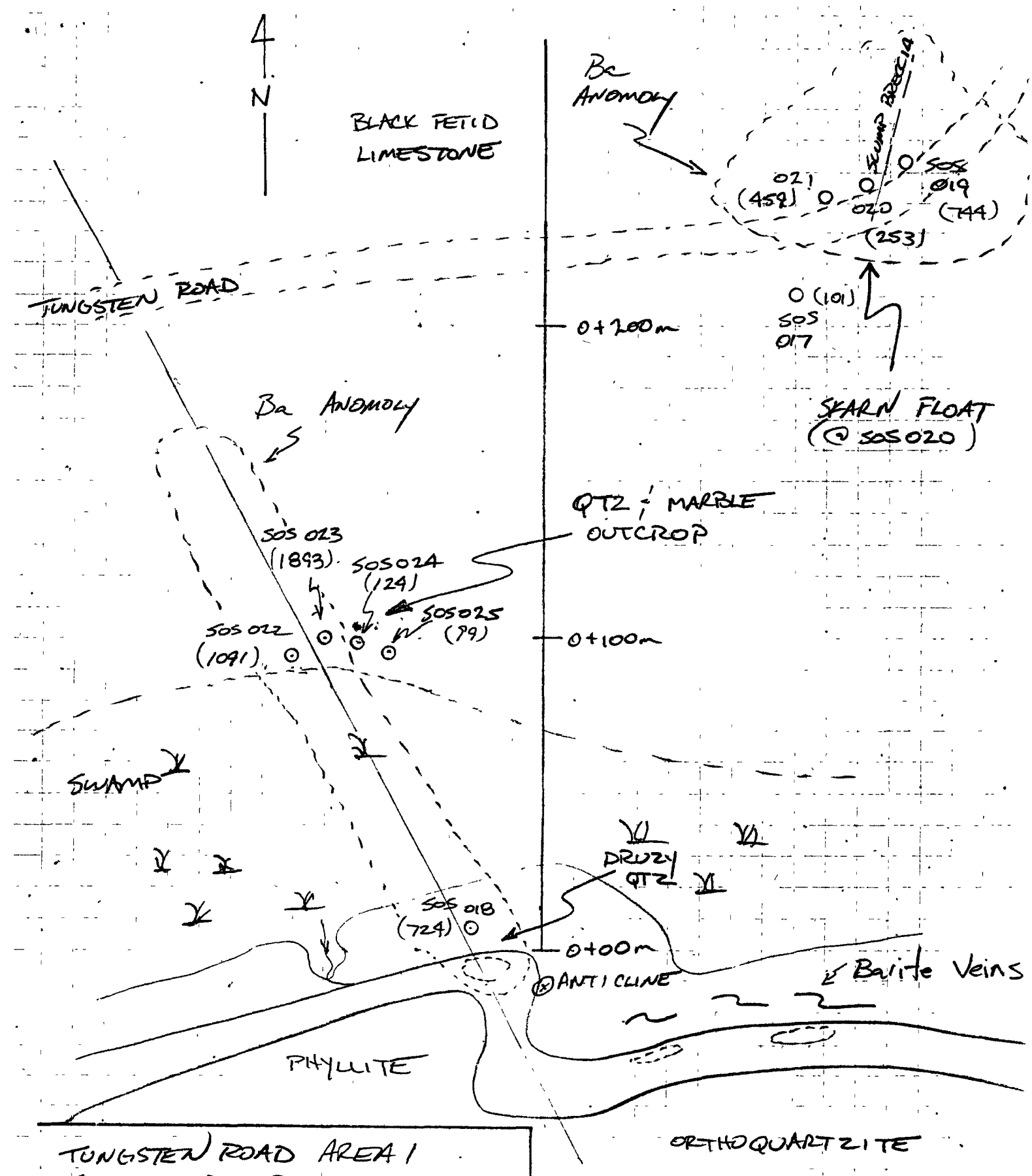


TUNGSTEN TRAVERSE
MAP A2

- AUG 25
- AUG 26
- AUG 27
- AUG 28


20
21
22
REGIONAL SOIL GRID
500 m INTERVAL (HORIZ)
TR SOS 001-012
TUNGSTEN PROJECT
(AREA I)
1000
970
890
860
F
10
DOHLY
VARDEN
BASELINE
001
002
003
004
005
006
007
008
009
010
011
012
0+400
0+200
0+000
(13)

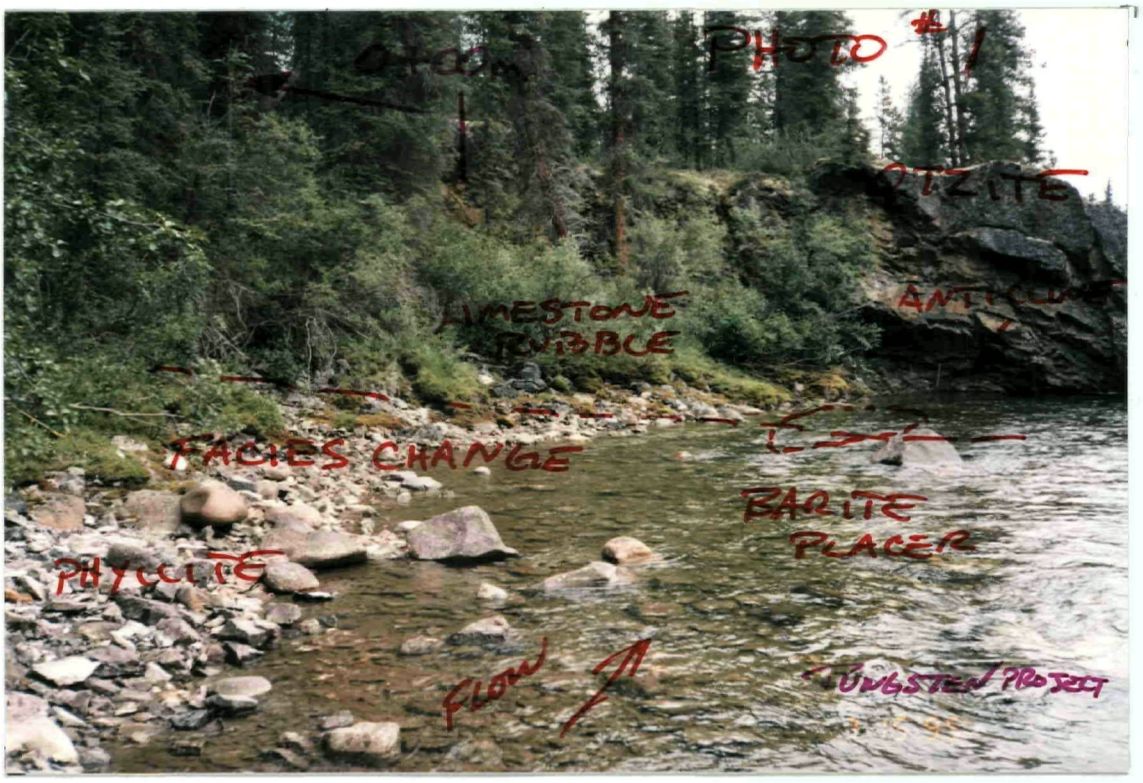

19
20
21
22
23
24
25
5260
1093.
FRENCH
CREEK
1000
DOLLY
970
F
890
CAMP 1
10
VARDEN
CAMP 2
860
CREEK
1154
0001
MAP OF ALTERATION
QTZ PEGMATITE
SKARN FLOAT
CHLORITTE/QTZ VEIN IN PHYLLITE
MARBLE & QTZ VEIN WITH HIGH TEMP CALCITE
MINOR Fe IN QTZITE
TUNGSTEN PROJECT
(14)



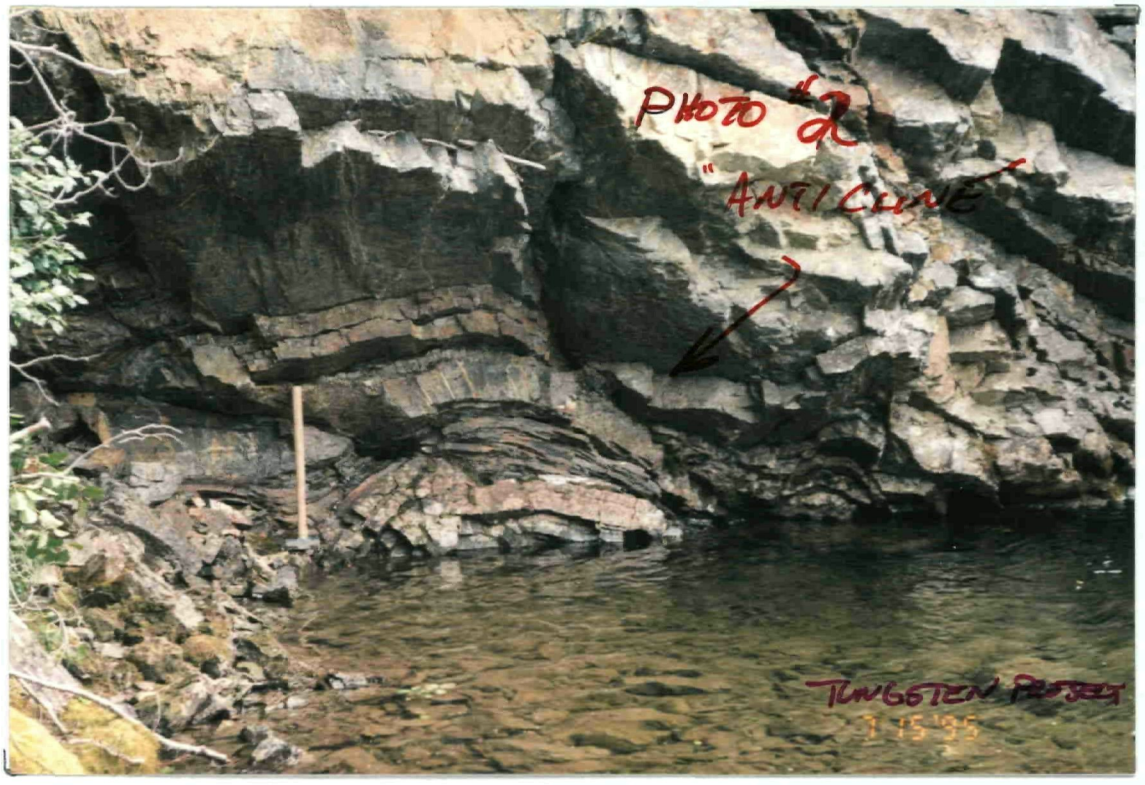
TUNGSTEN ROAD AREA 1
SOIL GRID TR SOS 017-025
Ba PLOTS ONLY (PPM)
ANOMOLOUS Ba > 250PPM
SCALE 1CM = 10M

TUNGSTEN ROAD PROJECT (AREA 1)			
		ALL VALUES SHOWN IN (PPM), EXCEPT Au IN (PPB)	
TR6d	FLOAT	(1119) Cu, (442) Pb, (400) Bi	PYRRHOTITE SKARN
TR12	FLOAT	(106) Zn	POROUS PYRITIC LIMESTONE
TR25	FLOAT	(871) Ba POOR ICP - EST 80% Ba	BARITE
TR26	GRAB	(341) Ba	FETID LIMESTONE
TR32	GRAB	NOT ANOMOLOUS	RUSTY SILICIFIED LIMESTONE
TR33	GRAB	NOT ANOMOLOUS	HORNFEL(?)TOP OF ANTICLINE
TR34	GRAB	(990) Ba POOR ICP - EST 80% Ba	BARITE
TR36	GRAB	NOT ANOMOLOUS	RUSTY SHALE,MINOR QTZ
TR37	GRAB	NOT ANOMOLOUS	.25m QTZ VEIN WITH GREEN SILICATE(?)
TR38	FLOAT	(1461) Ba	QTZ FLOODED ANGULAR BRECCIA(PHREATIC?)
TR39	FLOAT	NOT ANOMOLOUS	PYRITIC QTZ WITH BROWN SHEEN
TR40	GRAB	NOT ANOMOLOUS	RUSTY QUARTZITE
TR41	GRAB	NOT ANOMOLOUS	RUSTY PHYLITTE WITH QTZ/CALCITE VEINS
TR42	GRAB	NOT ANOMOLOUS	SANDSTONE (Ba HOST)
TR43	GRAB	NOT ANOMOLOUS	QTZ VEIN PEGMATITE
TR44	GRAB	NOT ANOMOLOUS	QTZ VEIN PEGMATITE
TR45	GRAB	NOT ANOMOLOUS	QTZ VEIN IN PHYLLITE

TUNGSTEN PROJECT



(1) ALTERATION AREA @ DOLLY VARDEN CK.



(2) ANTICLINE - MINOR Fe IN BEDDING

LAPIE PROJECT

LOCATION AND ACCESS

This target area is situated in the St. Cyr Range of the Pelly Mountains 160 km northeast of Whitehorse and is accessible via the South Canol Road approximately 60 km south of Ross River. Road distance is 300 km from Whitehorse and takes approximately 5 hours to drive under ideal conditions. Most of the areas targeted were within walking distance of the Groundhog Creek Road which branches off from the South Canol Road 7 km south of Lapie Lake

GEOLOGY

The entire target area is underlain by late proterozoic Triassic volcanic, carbonate and clastic units of the Cassiar platform that were deformed by Mesozoic arc - continent collision, then uplifted by the mid-Cretaceous Nisutlin batholith. Fortunately, the area has been mapped (Tempelman-Kluit '79) and later re-interpreted by G. Abbot (1986 epigenetic mineral deposits of the ketza-seagull district).

The entire sequence of units are chopped into fault bounded blocks by strong normal and thrust faults. Many of the mineral occurrences lie adjacent to or occupy faults. Mafic, felsic, and porphyritic dykes cut the sediments.

WORK DONE

Anomalous regional reconnaissance stream sediment values published by the GSC in the target area were followed up with 9 additional stream samples with Au and 30 element analysis performed. 5 soil grids were established in total, with 87 soil samples altogether. 3 were over Ag showings, 1 over intrusive dykes, and 1 along a ridge of heavy quartz veining and possible faulting. A small 2m x 1m x 1m hand trench was dug over a strong fault at the top of a spur near the 1st silver showings in an attempt to find more veining. The depth of clayey soil was greater than expected and bedrock was not reached. 41 rocks were sent for analysis.

The efforts of prospecting in the target area resulted in 3 claims being staked - Fuss No 1 - 3. The tag numbers are YB70838, YB70839, YB71308. A total of 20 days were spent prospecting the target are and 2 days were used with the contractor (Associated Hydrotechnical Services).

DESCRIPTION OF AREA 1A

This is a gossanous area in limestone outcrop as the host rocks have been intruded by felsic and dark mafic dykes. Disseminated pyritization is common in the surrounding wall rock, several meters from the dykes. Quartz and calcite veins were present but not sampled. Odd metallic wedge shaped crystals with striated faces were present in some rocks and contained 2000 ppm As but no gold (LP RCS 031). The zone of alteration occurred over approximately 400 m and the soil grid was established with 80m intervals. Slightly anomalous values were obtained with arsenic and zinc over a broad interval SOS 009 - SOS 014. Further investigation could be warranted with soil sampling in narrower intervals. The host limestone is light and porous and bedding is evident. It may be a good host for skarn style mineralisation.

DESCRIPTION AREA 1B

The area targeted comprises a large cirque containing 3 silver showings; 2 were eventually staked by myself and 1 by another prospector. The east ridge contains blebs and stringers of galena in host silurian dolomite. This is a new find. It is located at 5,500 ft. elevation at the top of a spur. Faulting is evident nearby as slickenslides (north 330 deg. with 20 deg. downdip). A 100m long Pb geochemical anomaly extends north of the spur. A strong normal fault may run through the spur as clay gouge is abundant

here.There are 2 possibilities of Ag depositing here. One is the blebs are fracture fillings in dolomite over a broad, diffuse area. A second is there could be a buried main sulphide zone up to 5m away from the Ag blebs and stringers. Efforts were made with a shallow 1.0m trench in the clay gouge to locate a main zone but bedrock was not reached.

Grab samples of the galena stringers with dolomite were relatively low (50g/T Ag). However, low silver values appear to be common at some distance from the main zone for this district. The fault area is staked as Fuss No. 1.

Near the centre of the valley, on top of the ridge of the cirque are some cat trenches. Several 1 - 3" galena veins occur here (3738g/T Ag) and were subsequently staked by another prospector.

On the northwest end of the cirque in a previously discovered but unmentioned Ag showing at the end of a cat road at 4,500 ft. 1 - 2% rusty oxide material comprise the float and a single large bleb of galena is exposed in bedrock. A 12 sample soil grid was established and the area was later staked as Fuss No. 2.

DESCRIPTION AREA 1C

This area was targeted for its heavy quartz veining and visual evidence for a possible fault contact as trees are absent above 3,500 ft.

Tetrahedrite with malachite and azurite in quartz was initially discovered in talus (10160g/T Ag). Follow-up prospecting produced minor tetrahedrite in quartz sills over 1.5m wide (91g/T over 1.0 and 12g/T over 0 5m chip sample) This is a new find.

The probable thrust fault contact is buried under talus. The high Ag values were float 15m below the quartz sills. The sample comprised 10% tetra in a quartz breccia. Slickenslide in bedrock occurs 30m above sill.

Another promising discovery was made 100m east of this showing. It comprises heavy quartz veining over 3.0m in dolomite. A 1.0m chip sample was taken and produced 355g/T Ag. An extension of the Devonian phyllites overlying dolomite may be acting as an impermeable cap and concentrating mineral rich fluids.

Other minor tetra (2%) was noted 15m east of quartz sill over narrower intervals of 0.1m.

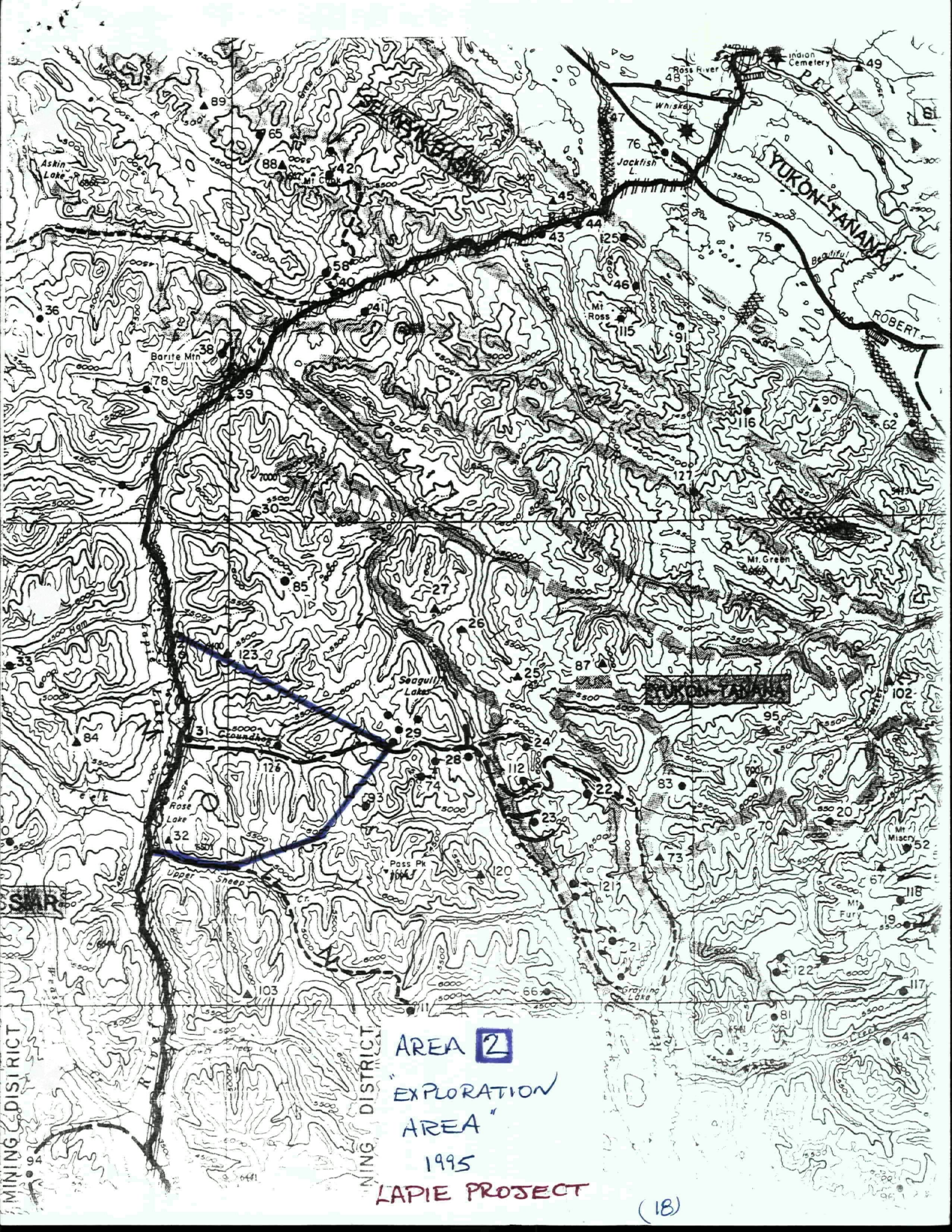
A 12 sample soil grid was established over the quartz sills and fault contact between phyllites and dolomite.

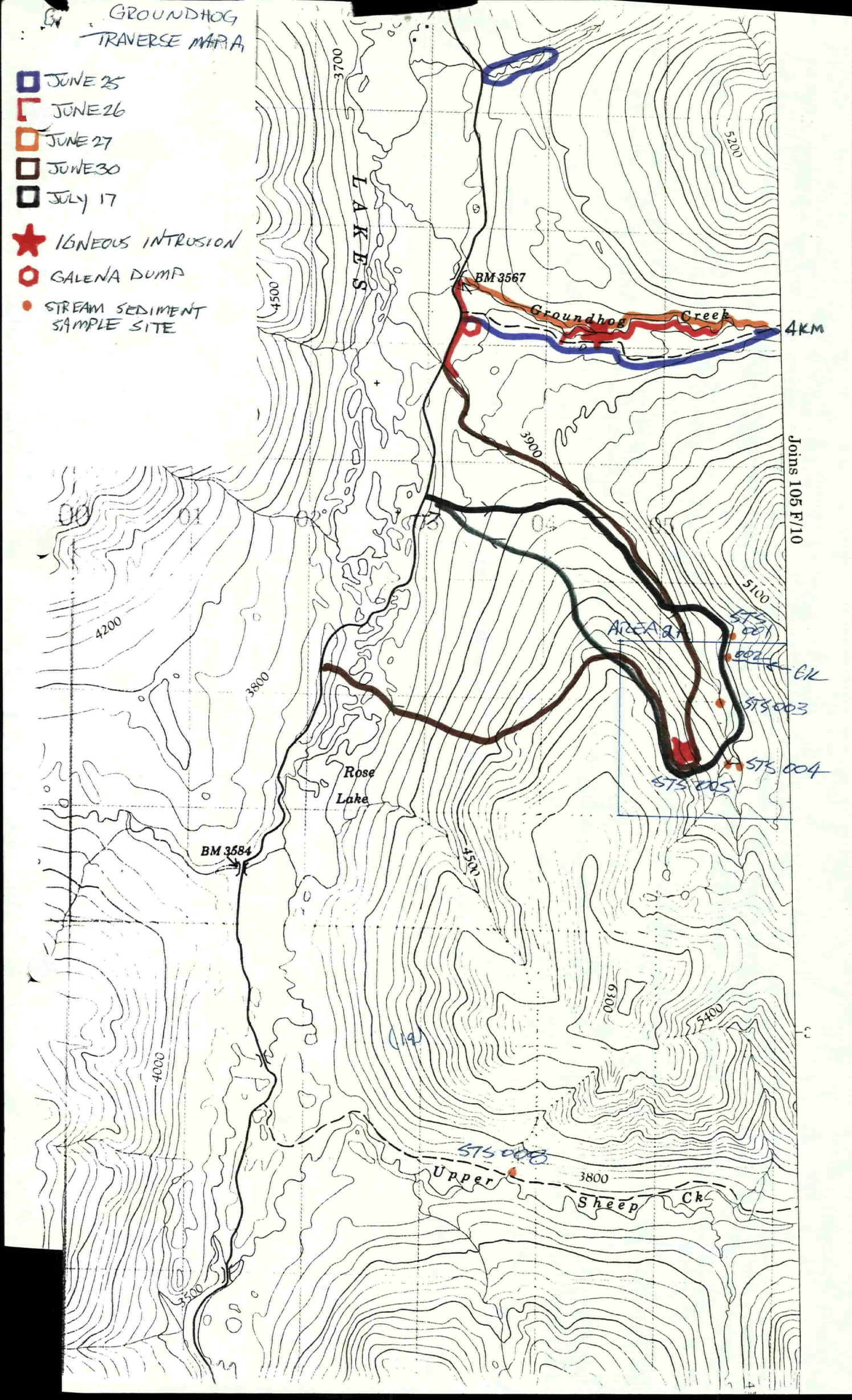
DESCRIPTION AREA 1D

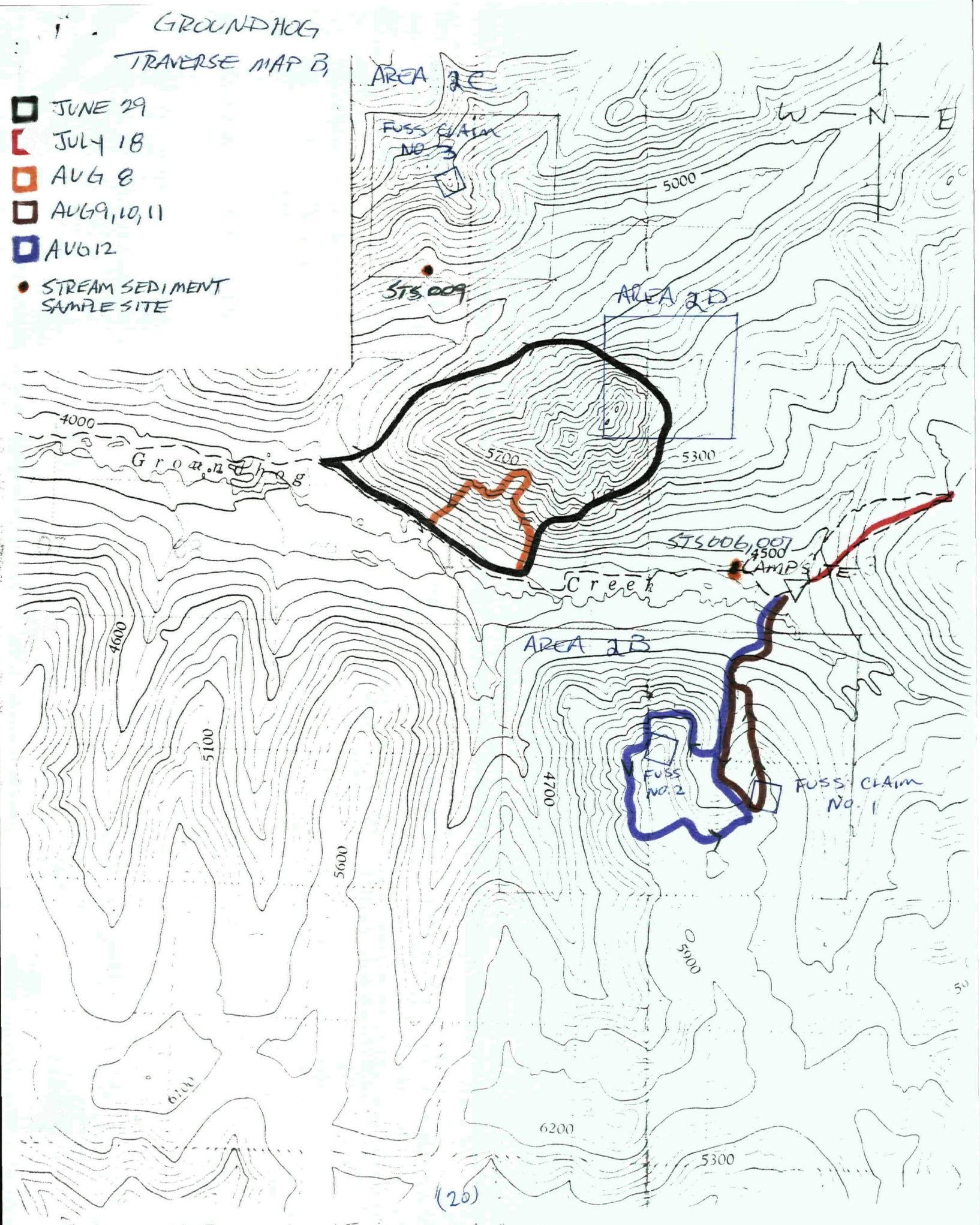
A 10 sample soil grid was established along a ridge line at 3500 ft. to cover probable fault contacts and 2 large quartz veins. The results are generally anomalous in zinc due to their Devonian/shale signature. A possible exception may be SOS No. 6 with a Pb value of 104 ppm. This sample occurs in the vicinity of 2 1.0m quartz veins which strike east to west.

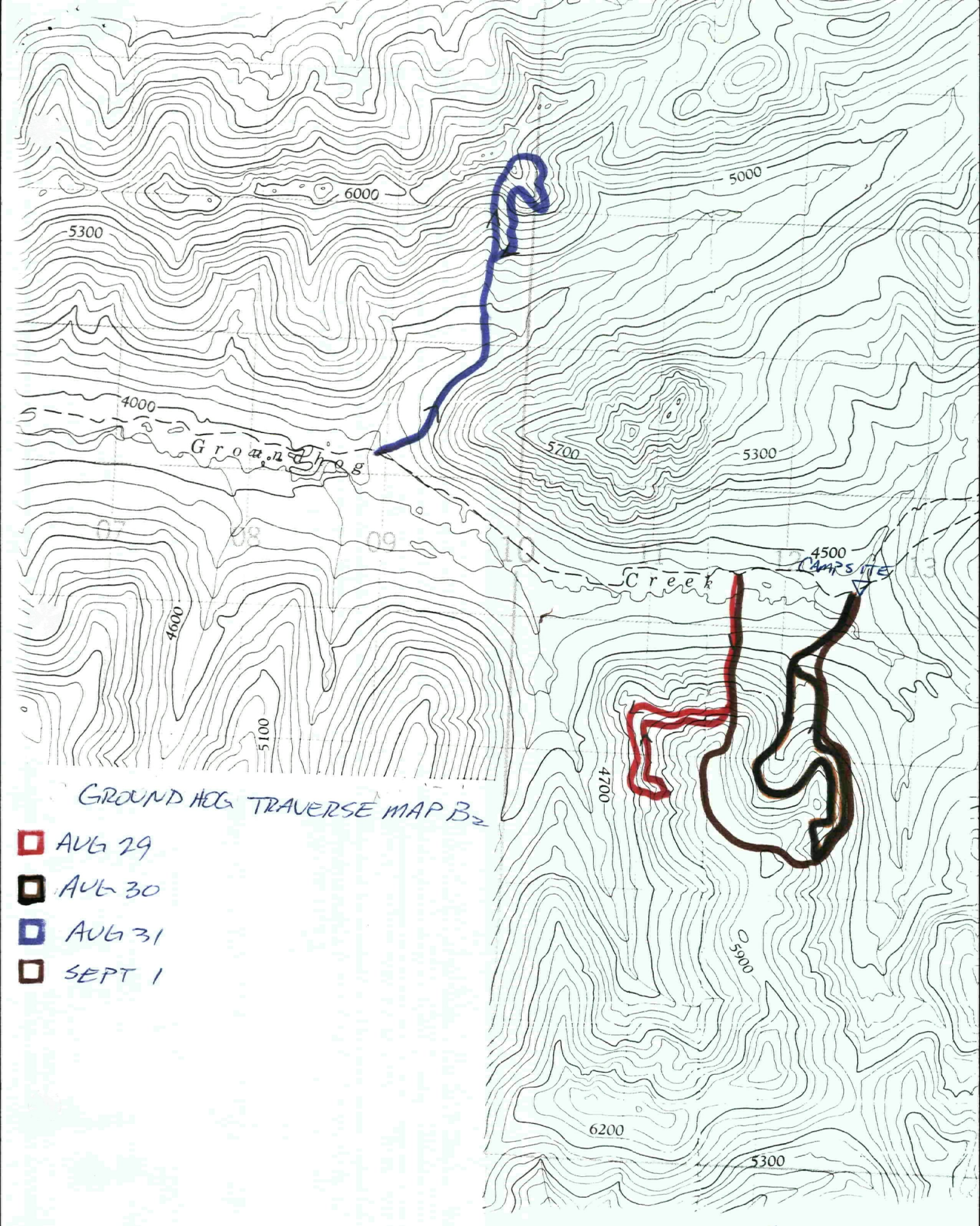
RESULTS AND RECOMMENDATIONS

The district has been explored for many years but favourable deposits can still be found. Efforts should be directed at epigenetic void filling in normal and thrust faults. Further work should be followed up on the showings on Fuss No. 1 - 3 claims looking for main sulphide zones. Although silver has been the dominant mineral occurrence, gold bearing manto's and skarns should not be ruled out for future exploration. Other possible deposits may include Carlin style epithermal gold in dolomites or VMS style lead/zinc in Devonian shales.


AREA 2
"EXPLORATION AREA"
1995
LAPIE PROJECT
YUKON-TANANA
Ross River
Indian Cemetery
Whiskey L.
Jackfish L.
Mt Ross
Barite Mtn
Mt Green
Seagull Lake
Rose Lake
Upper Sheep Creek
Pass Pk
Grayling Lake
Mt Fury
Mt Misery
MINING DISTRICT


GROUNDHOG TRAVERSE MAP A
JUNE 25
JUNE 26
JUNE 27
JUNE 30
JULY 17
IGNEOUS INTRUSION
GALENA DUMP
STREAM SEDIMENT SAMPLE SITE
LAKES
BM 3567
Groundhog Creek
4KM
Joins 105 F/10
AREA 2
STS 001
002
STS 003
STS 004
STS 005
STS 008
Rose Lake
BM 3584
Upper Sheep Ck
3700
5200
4500
3900
5100
4200
3800
4500
6300
5400
4000
3800
5500

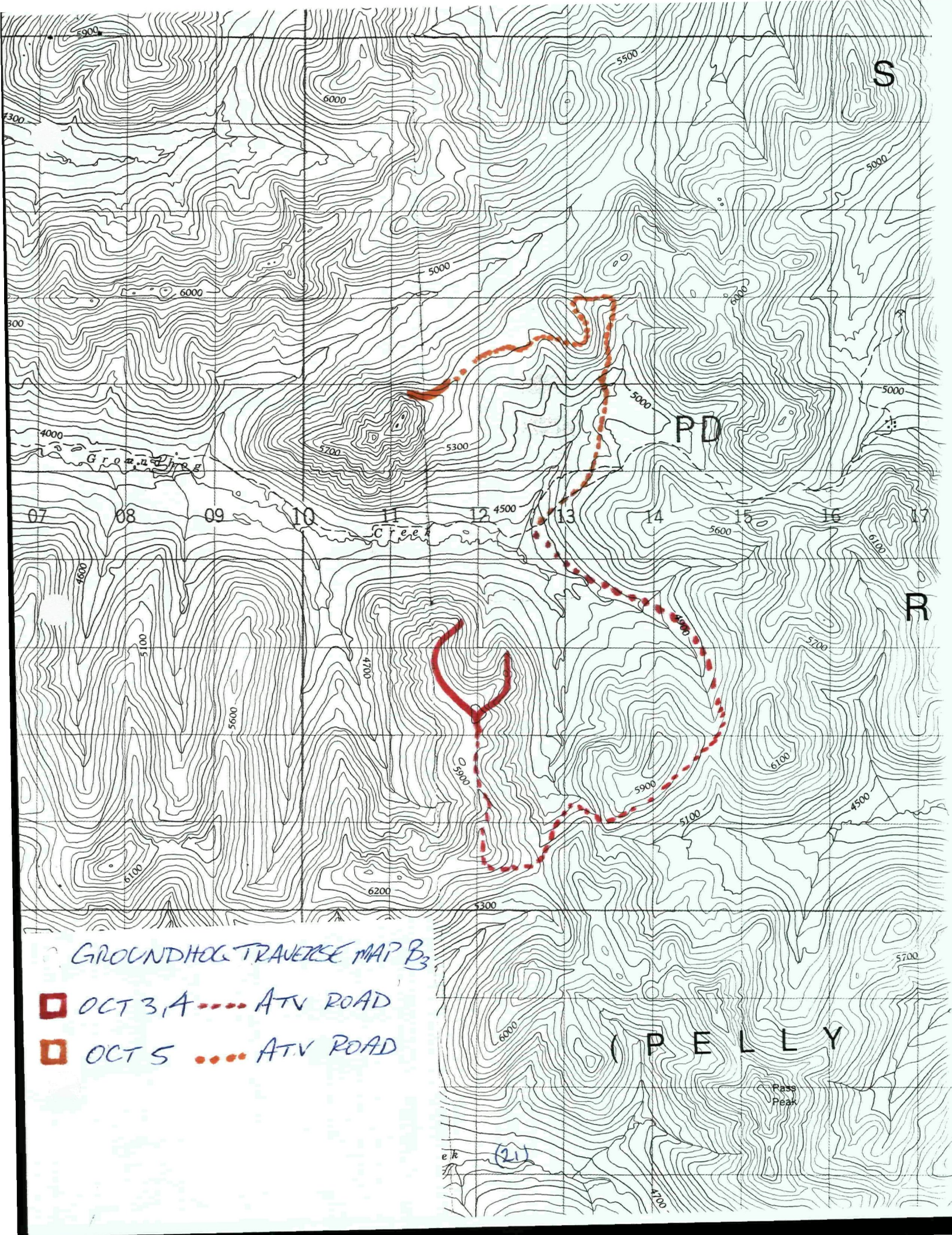

GROUNDHOG
TRAVERSE MAP B,
JUNE 29
JULY 18
AUG 8
AUG 9, 10, 11
AUG 12
STREAM SEDIMENT SAMPLE SITE
AREA 2C
FUSS CLAIM NO 3
STS 009
AREA 2D
AREA 2B
STS 006, 007
CAMP SITE
Creek
FUSS NO. 2
FUSS CLAIM NO. 1
W
N
E
4000
4500
4600
4700
5000
5100
5200
5300
5600
5700
5900
6100
6200
(20)
SCALE 1:50,000 (- 15% ENLARGED

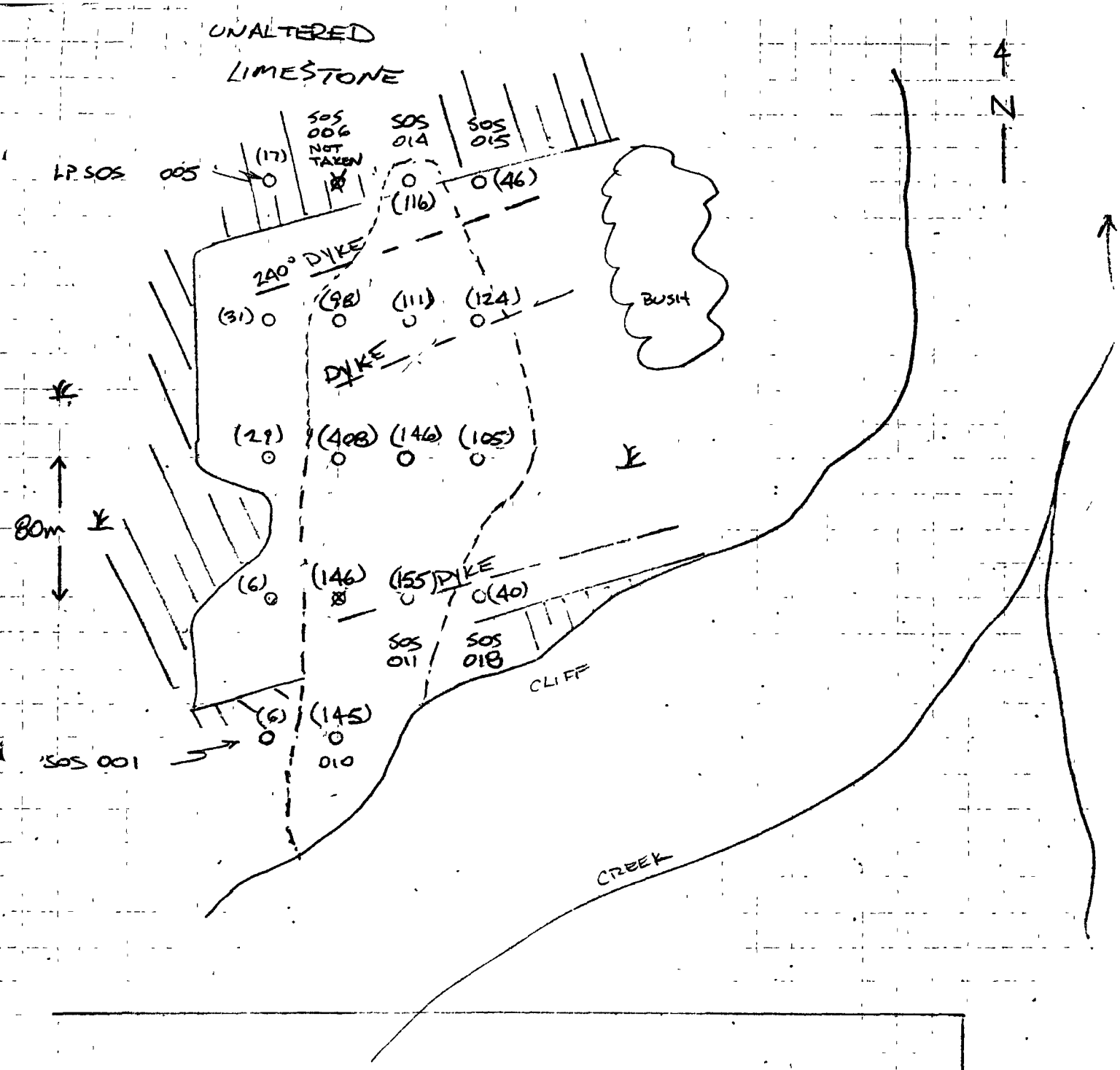


GROUND HOG TRAVERSE MAP B2

- AUG 29
- AUG 30
- AUG 31
- SEPT 1

SCALE 1:50000 @ 150% ENLARGED


S
R
PD
(P E L L Y
Pass
Peak
07
08
09
10
11
12
13
14
15
16
17
Creek
Ground Hog
GROUNDHOG TRAVERSE MAP B3
OCT 3,4 .... ATV ROAD
OCT 5 .... ATV ROAD
(21)

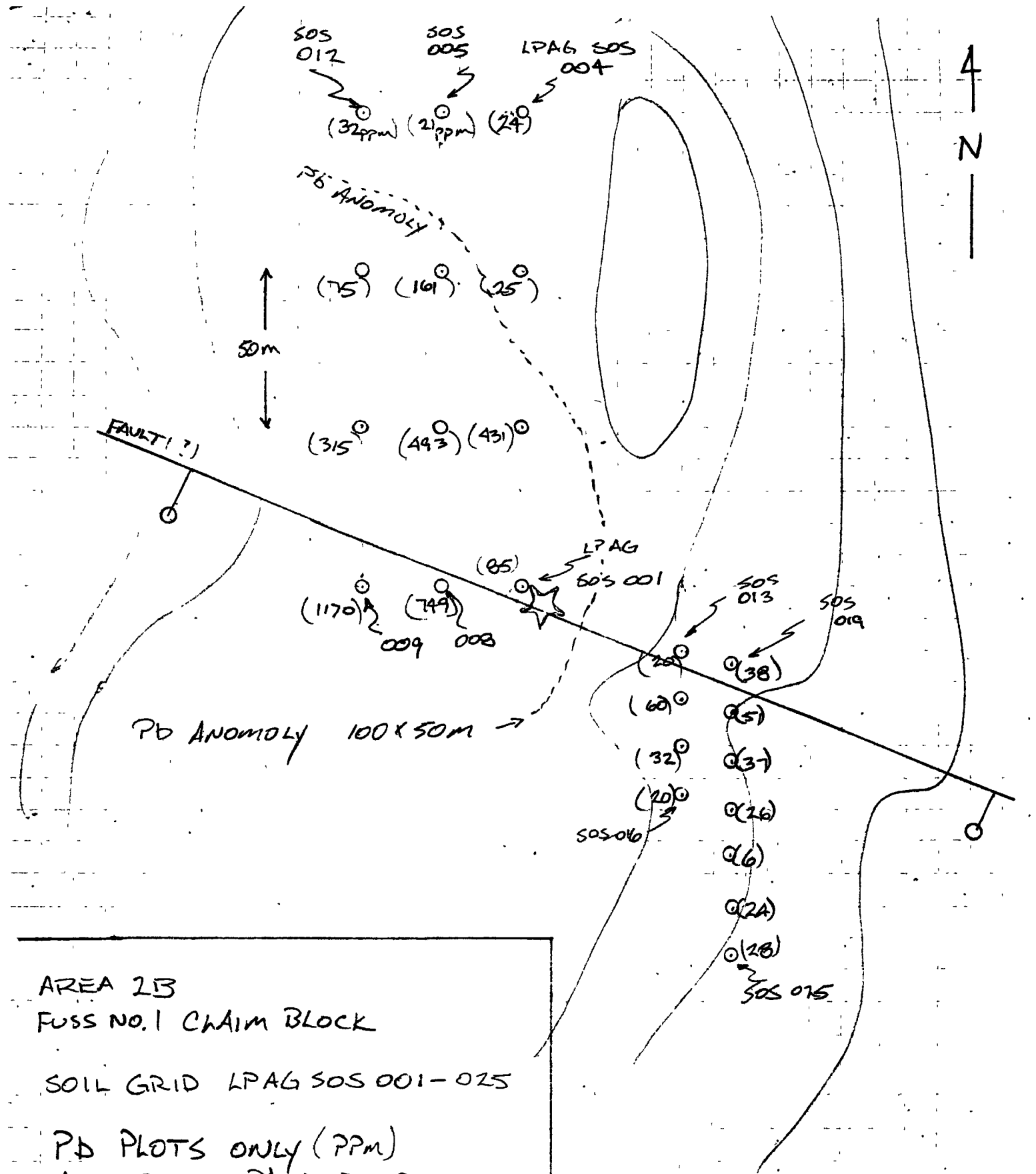


AREA 2A - SOIL GRID LP SOS 001 - 018

ANOMOLOUS As > 95ppm As PLOTS ONLY (PPM)

COVERAGE = 320m x 90m

SCALE 1cm = 20m



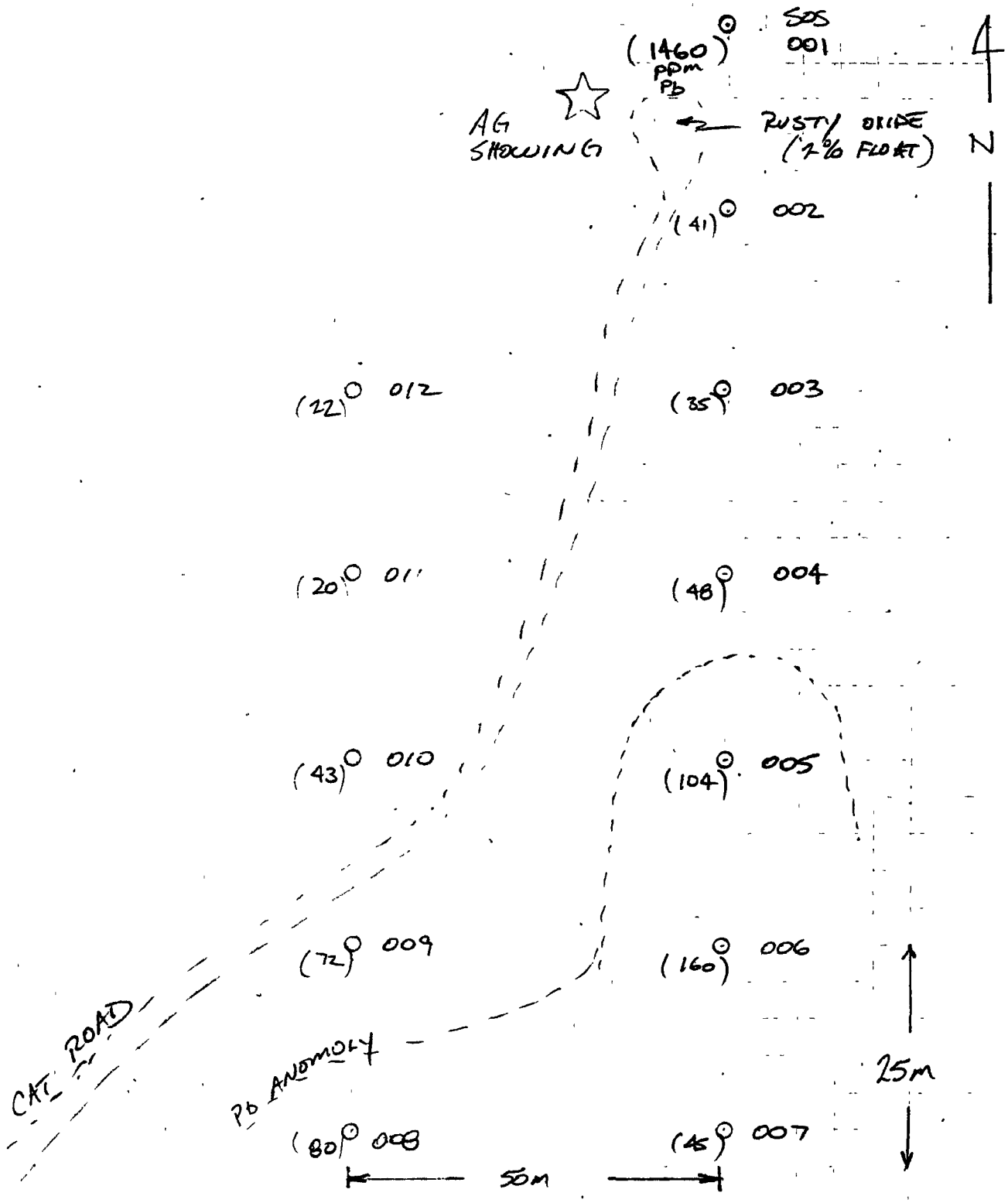
AREA 23
FUSS NO. 1 CLAIM BLOCK

SOIL GRID LPAG SOS 001-025

Pb PLOTS ONLY (PPM)
ANOMOLOUS Pb > 75 PPM

☆ AG BLEBS ; STRINGERS

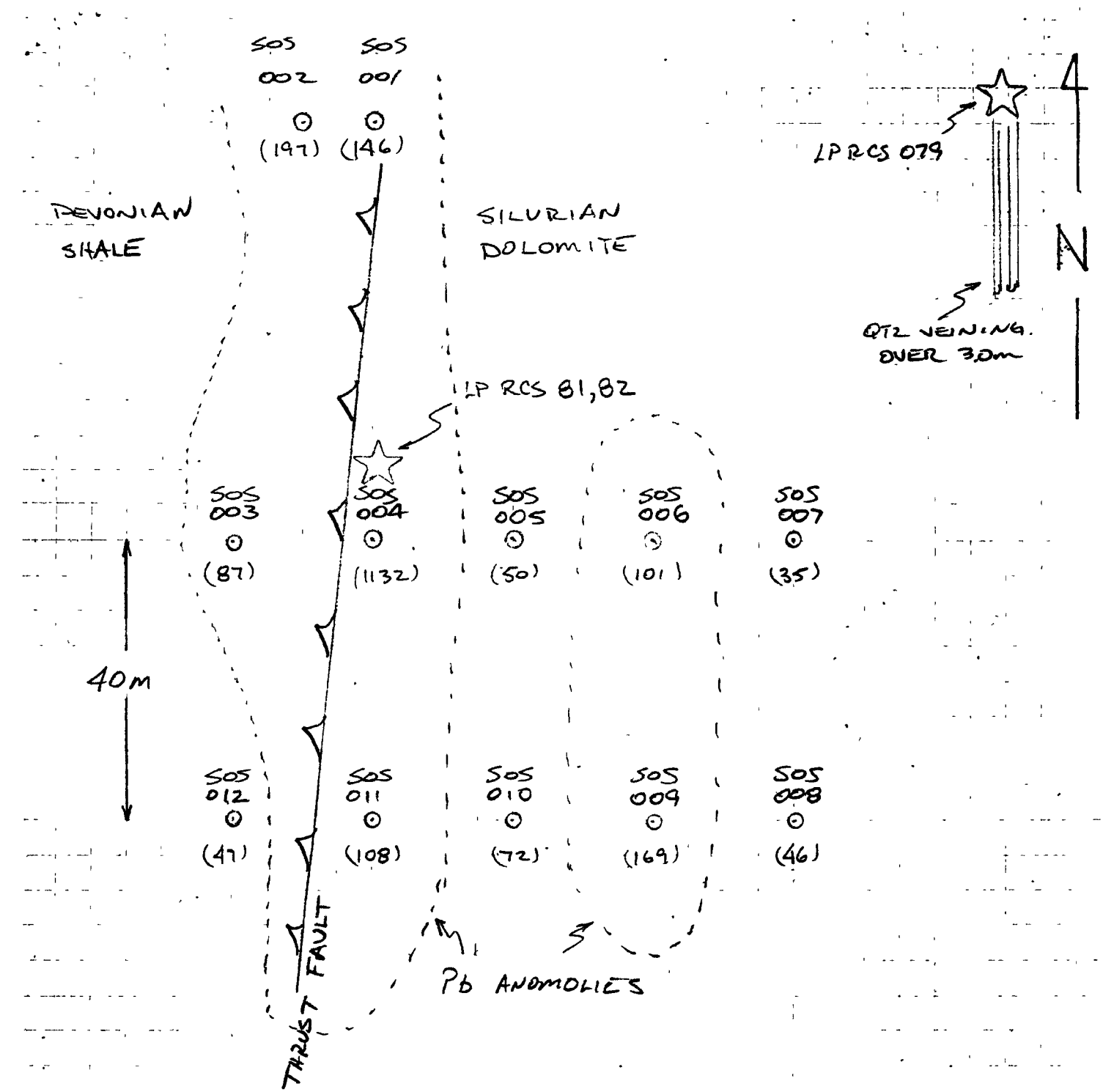
SCALE 1cm = 10m



AREA 2B
FUSS NO. 2 CLAIM BLOCK

SOIL GRID LP SOS 001 - 012

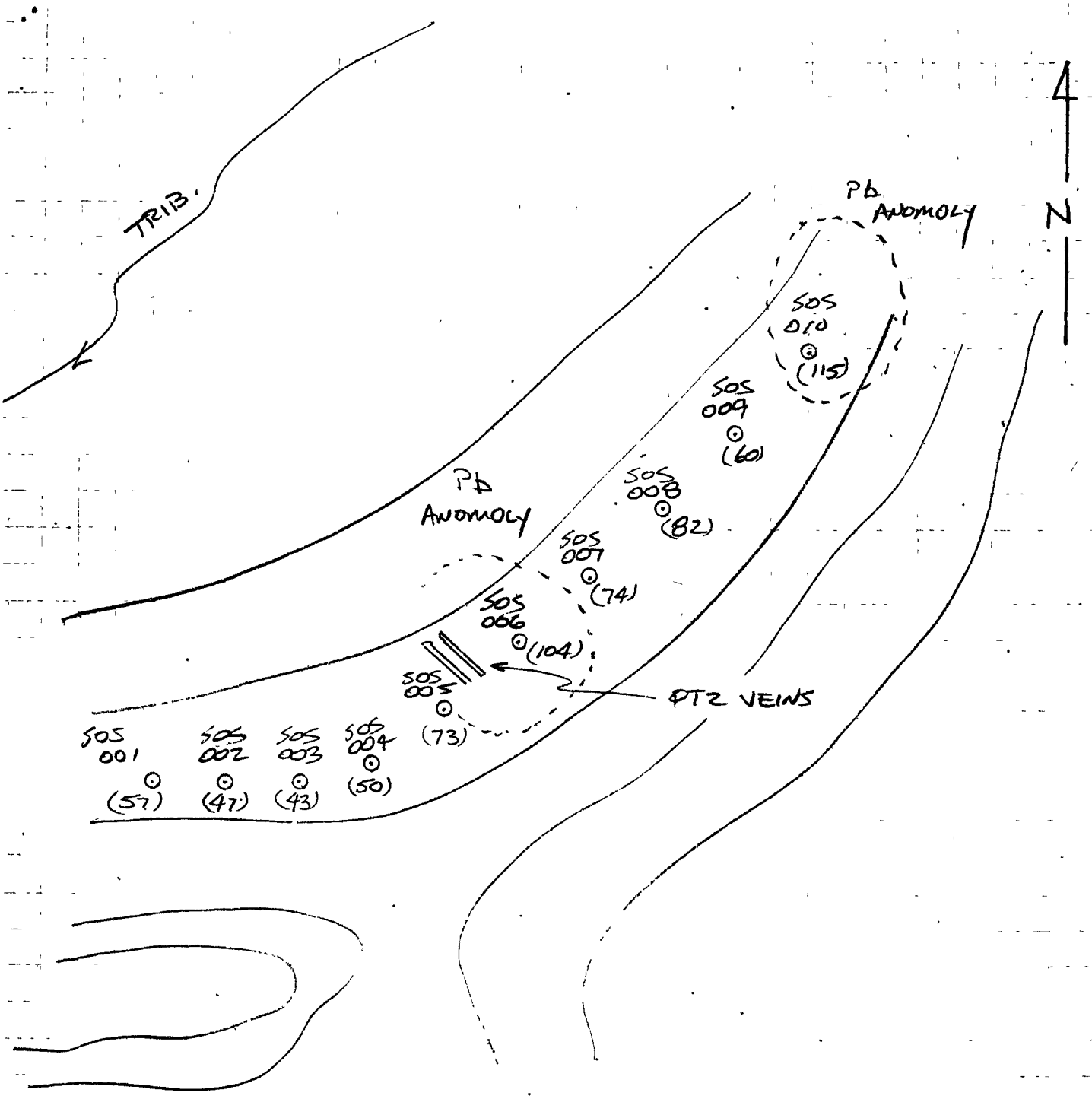
Pb PLOTS ONLY (PPM)
ANOMOLOUS Pb > 75 PPM
SCALE 1cm = 5m



AREA 2C
FUSS NO. 3 CLAIM BLOCK

SOIL GRID LPTE SOS 001 - 012

Pb PLOTS ONLY (PPM)
ANOMOLOUS Pb > 85 PPM
☆ AG. SHOWING
SCALE 1cm = 5m



AREA 2D

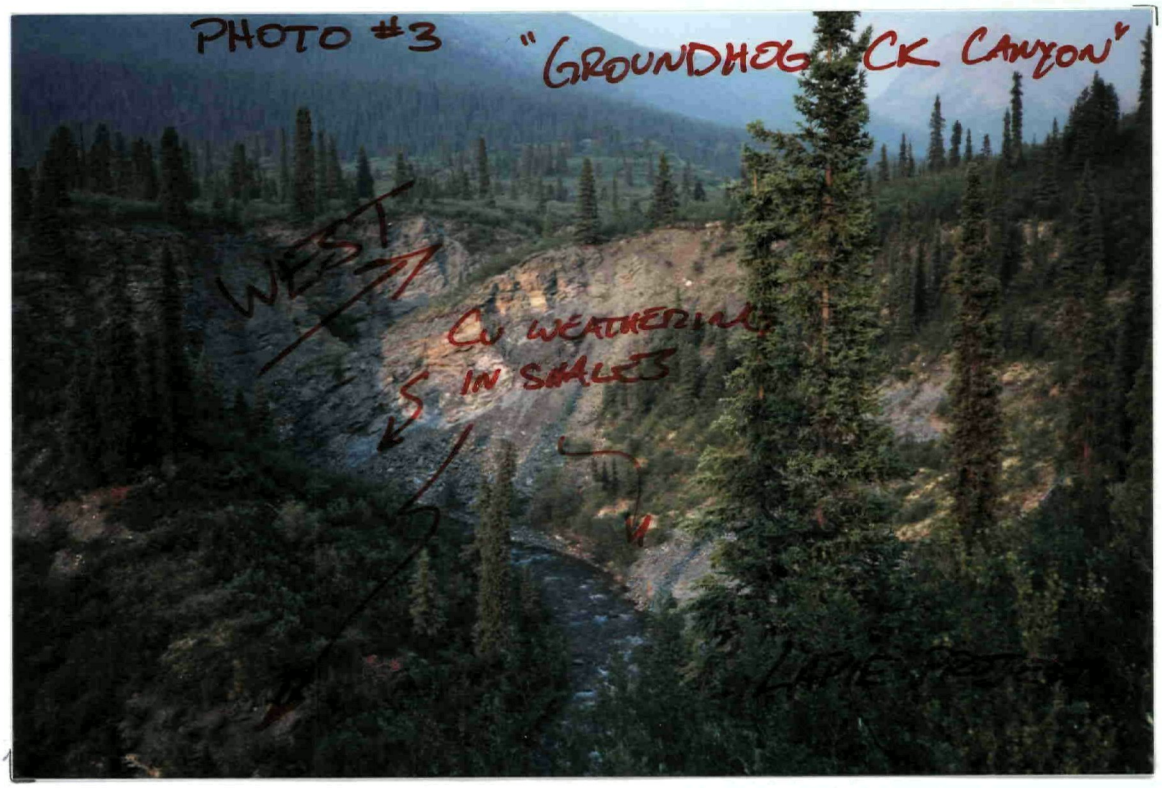
SOIL GRID LPBR SOS 001 - 010

PB PLOTS ONLY (PPM)
ANOMOLOUS PB > 75 PPM

SCALE 1cm = 25m

LAPIE PROJECT (AREA 2)			
		ALL VALUES SHOWN IN (PPM), EXCEPT Au (PPB)	
LPA2	GRAB	NOT ANOMOLOUS	PYRITIC BASALT
LP27	GRAB	(161) Zn, 5% Fe	PYRITIC RHYOLITE
LP29	GRAB	(157) As, 7% Fe	PYRITIC LIMESTONE
LP31	GRAB	(2265) As, (372) ZN, 6% Fe	INTRUSIVE WITH ARSENOPYRITE
LP35	FLOAT	(105) Pb, (134) Zn, 10% Al	LIMONITE FAULT GOUGE
LP37	GRAB	NOT ANOMOLOUS	PYRITIC TUFF
LP40	GRAB	(298) As, 5% Fe	GREENISH DIKE
LP42	GRAB	(9385)Mn, 10% Fe	GOSSAN WITH MINOR QTZ
LP43	FLOAT	NOT ANOMOLOUS	GOSSANOUS BRECCIA
LP47	GRAB	46.8 g/TON Ag, 3.61% Pb, (899) Zn	GALENA STRINGER
LP51	FLOAT	(423) Pb	GOSSANOUS FLOAT
LP52	GRAB	(197) Pb	WAVY BROWN BANDING IN QTZ
LP53	FLOAT	(5.8) Ag, (1793) PB, (960) Zn, (759) As, 6% Fe (135) Au	RUSTY BRECCIA MINOR Pb
LP55	FLOAT	(55) Pb	GOSSANOUS WITH SHINY BLACK CRYSTALS
LP56	GRAB	(1164) Zn, (186) As, (647) Ba, 34% Ca	COCKADE CALCITE
LP57	FLOAT	NOT ANOMOLOUS	ODD WEATHERING QTZ
LP58	FLOAT	12% Mg, 20% Ca	GREENISH, Fe CRYSTALS,PLATEY CLEAVAGE
LP59	1 5m CHIP	58.7 g/TON Ag, 4.23% Pb	GALENA BLEB IN DOLOMITE
LP62	GRAB	(145) Pb, (313) Zn	PURPLE STAINED QTZ BRECCIA
LP64	GRAB	3738 g/TON Ag, 83% Pb	2"WIDE GALENA VEIN
LP65	GRAB	0.3m Ag, (2365) Cu, (16620) Pb, 2.2% Zn, (2149) Sb, 0.3m Cd	MALACHITE STAINED QTZ
LP66	GRAB	(734) Pb, (249) Zn, 2% Fe	ODD WEATHERING DOLOMITE,MINOR Cu
LP67	GRAB		CLAY FAULT GOUGE
LP68	FLOAT	(179) Pb, (869) Ba, 1% Fe	WEATHERED GOSSAN
LP69	FLOAT	15% Fe	HVY CUBE PYRITIC BRECCIA
LP70	FLOAT	NOT ANOMOLOUS	QTZ FLOODED BRECCIA,MINOR SULFIDE
LP71	FLOAT	(7 7) Ag, (277) Pb, (124) Zn, (1851) As, 10% Fe (912) Au	10% IRON GLOBS IN CHERT(?)
LP72	FLOAT	(6082) Mn, 10% Fe	RUSTY,SILICEOUS
LP73	GRAB	(339) As, 5% Fe	FELSIC,10% OCTAHEDRAL PYRITE
LP75	GRAB	(1207) Zn, 10% Mg	RUSTY,BRECCIATED DOLOMITE
LP76	GRAB	(18.8) Ag, (364) Cu, (405) Zn, (6.4) Cd, 9% Fe	10% FINE CUBED PYRITE IN CLAY GOUGE(?)
LP77	FLOAT	10160 g/TON Ag, 17% Cu, (129) Pb, 8.3% Zn, (1356) As, 2.5% Sb, 0.3% Cd	10% TETRAHEDRITE IN 3" QUARTZ BRECCIA
LP78	1.5m CHIP	(2.7) Ag	QTZ VEIN

LAPIE PROJECT CONT...			
LP79	1.0m CHIP	355 g/TON Ag, (4712) Cu, (2477) Zn, (3525) Sb, (91.6) Cd, 10% Ca	QTZ/DOLOMITE
LP80	FLOAT	8% Fe	YELLOW RUSTY BRECCIA WITH QTZ
LP81	1.0m CHIP	91 g/TON Ag, 1.76% Zn, 0.1m Cd	QTZ VEIN,MINOR TETRAHEDTRITE
LP82	0.5m CHIP	12.3 g/TON Ag, 0.21% Zn, (16.2) Cd	CONT. AS ABOVE
LP83	0.5m CHIP	8.9 g/TON Ag	QTZ VEIN
LP84	GRAB	NOT ANOMOLOUS	SILICIFIED WORM ROCK
LP85	GRAB	NOT ANOMOLOUS	2.0m WIDE QTZ VEIN
LP86	FLOAT	(1030) Zn, 17% Ca, 6% Fe	PURPLE STAINED DOLOMITE(?)

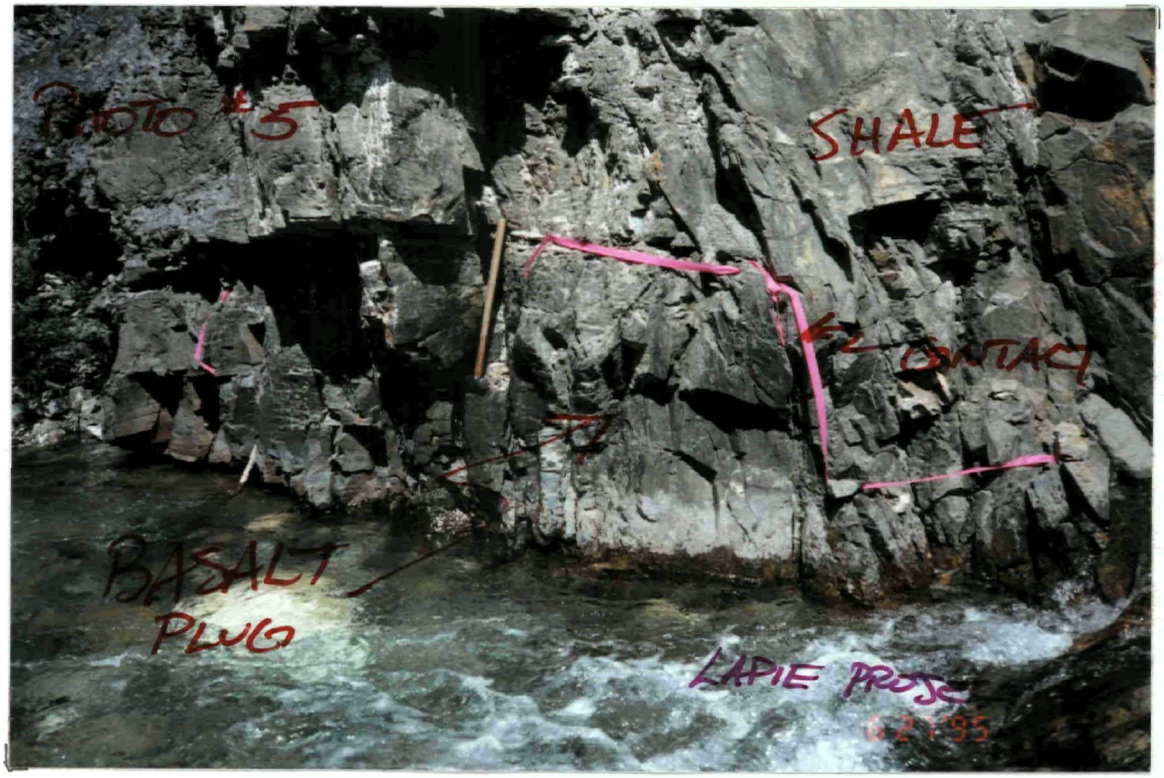


LAPIE PROJECT

(3) KM 1 ON GROUNDHOG ROAD

(.4) MALACHITE WEATHERING IN GROUND HOG CANYON

LAPIE PROJECT



(5) BASACT PLUG IN GROUNDHOG CK CANYON

(6) TERTIARY GRAVELS ALONG GROUNDHOG CK

LAPIE PROJECT

(7) GOSSANOUS PHYLLITE/SHALE ALONG GROUNDHOG CREEK

(8) MINOR FAULT GOUGE IN CANYON

APPENDIX 1

INTERNATIONAL PLASMA LABORATORY LTD

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CERTIFICATE OF ANALYSIS

TUNGSTEN ; LAPIE PROJECT 9 .0304 COPY

WORK ORDERS 1 → 5

Client: Northern Analytical Laboratories iPL: 95H0304 Out: Aug 10, 1995 Page 1 of 2 Section 1 of 1
Project: 15266 53 Pulp In: Aug 03, 1995 [055415:40:08:59081095] Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
LP SOS 001	P	0.2	4	2	8	6	<	<	1	<		<	2	2	17	<	3	12	41	2	9	<	<	0.02	0.36	0.11	0.56	0.08	0.01	0.03	0.04
LP SOS 002	P	0.1	6	<	11	6	<	<	1	<		<	2	2	15	<	3	18	46	4	10	1	<	0.03	0.39	0.12	0.75	0.08	0.02	0.03	0.05
LP SOS 003	P	<	14	17	57	29	<	<	2	<		<	10	16	55	<	18	32	719	16	13	<	<	0.01	1.02	0.14	3.12	0.20	0.02	0.01	0.10
LP SOS 004	P	0.1	32	46	69	31	<	<	2	<		<	19	56	143	<	63	35	1167	44	42	3	3	0.05	1.33	1.12	5.15	0.69	0.03	0.02	0.31
LP SOS 005	P	0.1	14	12	24	17	<	<	1	<		<	4	11	46	<	5	7	801	28	32	2	<	0.01	0.91	0.83	1.19	0.08	0.01	0.04	0.08
							SOIL																								
LP SOS 006	P	0.1	37	36	129	48	<	<	5	<		<	19	48	52	<	13	16	641	19	29	4	2	0.01	0.71	0.73	5.57	0.20	0.01	0.01	0.15
LP SOS 008	P	<	17	33	85	98	<	<	3	<		0.2	14	29	75	<	25	32	559	14	49	2	1	0.03	1.19	1.52	3.03	0.43	0.03	0.02	0.09
LP SOS 009	P	<	51	57	185	408	<	<	6	<		<	30	65	45	<	14	21	1048	21	39	4	4	0.01	0.93	1.02	6.70	0.30	0.02	0.01	0.11
LP SOS 010	P	<	23	37	104	146	<	<	2	<		<	15	34	49	<	27	28	632	22	21	3	1	0.02	1.49	0.47	4.34	0.61	0.01	0.01	0.11
LP SOS 010	P	<	23	39	102	145	<	<	2	<		<	15	34	48	<	26	27	617	22	20	3	1	0.02	1.44	0.47	4.25	0.59	0.02	0.01	0.11
LP SOS 011	P	<	25	48	89	155	<	<	3	<		<	15	35	38	<	13	18	486	20	31	2	3	0.01	0.91	0.76	4.30	0.18	0.01	0.01	0.10
LP SOS 012	P	0.1	34	44	124	146	<	<	4	<		0.2	15	37	61	<	11	13	629	16	54	5	2	0.01	0.87	1.89	3.76	0.18	0.02	0.02	0.10
LP SOS 013	P	<	23	27	66	111	<	<	3	<		<	14	33	53	<	25	29	442	17	30	2	1	0.03	1.13	0.81	3.00	0.50	0.02	0.02	0.09
LP SOS 014	P	<	39	34	117	116	<	<	4	<		<	22	52	89	<	41	36	692	20	45	3	3	0.03	1.18	0.98	4.92	0.59	0.02	0.01	0.11
LP SOS 015	P	<	25	21	71	46	<	<	2	<		<	16	38	85	<	29	32	443	19	26	2	2	0.04	1.23	0.54	3.37	0.61	0.02	0.02	0.09
LP SOS 016	P	<	18	19	62	124	<	<	2	<		<	14	30	71	<	26	31	364	15	18	2	1	0.02	1.37	0.33	3.29	0.52	0.03	0.01	0.08
LP SOS 017	P	<	29	33	84	105	<	<	3	<		<	17	41	58	<	22	26	544	17	25	3	1	0.02	1.18	0.61	4.15	0.47	0.02	0.01	0.09
LP SOS 018	P	0.1	14	19	46	40	<	<	1	<		<	11	18	45	<	15	21	394	9	33	1	<	0.01	0.97	0.91	2.40	0.30	0.02	0.01	0.10
LP STS 001	P	<	36	21	94	67	<	<	3	<		<	20	42	49	<	30	26	540	21	62	3	1	0.02	1.52	1.17	3.80	0.97	0.04	0.01	0.12
LP STS 002	P	<	27	18	96	30	<	<	2	<		<	16	36	46	<	31	23	327	18	58	4	1	0.01	1.52	1.11	3.31	1.07	0.02	0.02	0.09
LP STS 003	P	<	39	27	95	58	<	<	3	<		<	23	47	42	<	31	30	536	20	59	3	1	0.02	1.60	1.15	4.27	1.07	0.04	0.01	0.14
LP STS 004	P	<	58	26	101	65	<	<	4	<		<	26	53	48	<	30	33	594	25	68	2	1	0.02	1.59	1.09	4.44	1.03	0.06	0.01	0.17
LP STS 005	P	<	38	26	88	68	<	<	2	<		0.2	23	44	45	<	28	29	525	19	46	2	1	0.02	1.39	0.79	3.95	0.82	0.05	0.01	0.12
LP STS 006	P	0.6	26	22	247	16	<	<	9	<		4.4	8	41	102	<	7	23	317	5	84	4	1	0.01	0.37	8.26	2.02	0.79	0.02	0.02	0.11
LP STS 007	P	0.8	43	28	164	28	5	<	26	<		1.5	10	73	52	<	4	31	520	9	50	6	1	<	0.20	2.73	2.71	0.85	0.01	0.01	0.12
LP STS 008	P	<	29	10	77	47	<	<	2	<		<	21	40	89	<	37	37	380	18	38	3	2	0.08	1.94	0.56	3.64	0.79	0.40	0.03	0.09
TR SOS 001	P	<	12	16	81	20	<	<	2	<		<	9	17	202	<	12	27	753	13	38	2	1	0.02	1.13	0.48	1.92	0.36	0.04	0.02	0.08
TR SOS 002	P	0.1	41	23	120	33	<	<	2	<		<	12	28	310	<	17	37	574	21	62	3	2	0.03	1.84	0.60	2.65	0.46	0.06	0.01	0.06
TR SOS 003	P	<	2	9	37	10	<	<	1	<		<	3	6	125	<	9	32	93	10	4	1	1	0.03	0.72	0.05	1.61	0.17	0.03	0.01	0.03
TR SOS 004	P	<	6	16	91	28	<	<	2	<		0.1	7	15	106	<	16	38	211	11	6	3	1	0.04	1.64	0.09	2.46	0.37	0.06	0.01	0.07
							SOIL																								
TR SOS 005	P	<	7	21	115	30	<	<	3	<		0.1	8	17	123	<	15	53	256	9	5	2	1	0.03	1.69	0.05	3.50	0.35	0.06	0.01	0.04
TR SOS 006	P	<	3	11	62	22	<	<	2	<		<	6	12	133	<	12	35	183	8	6	1	1	0.03	1.01	0.09	2.18	0.29	0.05	0.01	0.01
TR SOS 007	P	0.1	48	12	49	16	<	<	2	<		<	6	66	312	<	11	27	210	16	23	2	1	0.04	1.08	0.47	1.72	0.38	0.04	0.02	0.05
TR SOS 008	P	<	6	25	83	18	<	<	3	<		0.5	7	24	617	<	21	45	942	19	9	4	2	0.01	1.35	2.36	2.68	1.65	0.05	0.01	0.02
TR SOS 009	P	<	3	19	61	40	<	<	2	<		<	7	13	95	<	13	56	282	6	5	4	1	0.04	2.72	0.08	3.62	0.22	0.04	0.01	0.09
TR SOS 010	P	<	5	15	73	26	<	<	2	<		<	7	16	155	<	15	45	288	8	8	2	1	0.04	1.58	0.11	2.50	0.40	0.07	0.01	0.04
TR SOS 011	P	<	4	12	58	20	<	<	1	<		<	6	11	135	<	10	36	192	10	8	1	1	0.02	1.21	0.10	1.93	0.26	0.05	0.01	0.03
TR SOS 012	P	<	5	13	52	34	<	<	2	<		<	8	17	119	<	14	48	166	10	11	2	1	0.05	1.69	0.16	2.68	0.39	0.06	0.01	0.03
TR SOS 013	P	<	3	14	85	19	<	<	2	<		0.1	6	12	259	<	14	46	173	11	9	2	1	0.03	1.40	0.12	2.75	0.35	0.04	0.01	0.03
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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CERTIFICATE OF ANALYSIS

iPL 95H0304

Client: Northern Analytical Laboratories iPL: 95H0304 Out: Aug 10, 1995 Page 2 of 2 Section 1 of 1
Project: 15266 53 Pulp In: Aug 03, 1995 [055415:40:21:59081095] Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
TR SOS 014	P	<	9	26	107	38	<	<	3	<	<	0.2	11	29	179	<	18	46	244	10	9	4	1	0.06	2.01	0.11	3.36	0.49	0.08	0.01	0.04
TR SOS 015	P	<	7	28	124	38	<	<	3	<	<	<	11	22	192	<	18	48	289	9	11	3	2	0.05	2.05	0.14	3.35	0.53	0.10	0.01	0.05
TR SOS 016	P	<	7	20	93	38	<	<	3	<	<	<	9	21	193	<	18	45	204	11	9	2	1	0.04	1.80	0.14	3.24	0.45	0.06	0.01	0.03
TR STS 001	P	<	7	28	72	20	<	<	2	<	<	0.2	6	16	109	<	10	50	305	16	35	1	1	0.04	1.18	0.68	2.40	0.40	0.08	0.02	0.08
TR STS 002	P	<	6	12	81	17	<	<	2	<	<	0.4	5	12	186	<	9	18	560	6	32	1	<	0.02	0.74	1.23	1.92	0.42	0.03	0.01	0.08
								STREAM																							
TR STS 003	P	0.2	16	16	249	25	<	<	7	<	<	1.1	6	32	108	<	5	33	195	12	49	4	1	0.01	0.31	1.67	1.79	0.62	0.02	0.01	0.14
TR STS 004	P	0.1	13	15	114	18	<	<	3	<	<	0.4	7	19	87	<	9	25	330	12	33	2	1	0.02	0.80	0.80	2.11	0.39	0.03	0.01	0.08
TR STS 005	P	0.1	15	28	437	20	<	<	3	<	<	2.5	12	35	251	<	8	30	767	8	50	2	1	0.01	0.72	1.24	2.05	0.33	0.05	0.02	0.07
TR STS 006	P	0.2	22	22	278	22	<	<	8	<	<	1.7	10	40	115	<	8	28	316	17	29	2	1	0.01	0.67	0.49	2.54	0.24	0.03	0.01	0.08
TR STS 007	P	<	11	14	76	17	<	<	2	<	<	<	7	18	167	<	9	21	798	9	27	1	1	0.02	0.82	0.46	1.76	0.30	0.04	0.01	0.05
TR STS 008	P	<	6	3	52	11	<	<	1	<	<	<	4	12	132	<	8	17	207	11	21	1	1	0.01	0.66	0.35	1.21	0.26	0.03	0.01	0.05
TR STS 009	P	0.1	12	11	99	11	<	<	1	<	<	<	6	22	280	<	8	18	181	11	26	2	1	0.01	0.66	0.39	1.52	0.25	0.04	0.01	0.05
TR STS 010	P	0.1	18	14	111	23	<	<	2	<	<	0.5	9	27	208	<	11	27	378	15	41	2	1	0.02	1.07	0.50	2.32	0.37	0.06	0.02	0.06
TR STS 011	P	<	24	18	142	25	<	<	2	<	<	0.7	11	30	205	<	12	26	633	14	53	2	1	0.02	1.29	0.64	2.52	0.41	0.06	0.01	0.08
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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01/08/95 Assay Certificate Page 1

Associated Hydrotechnical Services WO#15266

Sample #	Au ppb
TR STS 001	16
TR STS 002	6
TR STS 003	<5
TR STS 004	<5
TR STS 005	7
TR STS 006	7
TR STS 007	<5
TR STS 008	<5
TR STS 009	5
TR STS 010	<5
TR STS 011	7
SOS 001	<5
TR SOS 002	<5
TR SOS 003	<5
TR SOS 004	<5
TR SOS 005	8
TR SOS 006	5
TR SOS 007	<5
TR SOS 008	<5
TR SOS 009	<5
TR SOS 010	<5
TR SOS 011	<5
TR SOS 012	<5
TR SOS 013	<5
TR SOS 014	<5
TR SOS 015	<5
TR SOS 016	<5
LP SOS 001	<5
LP SOS 002	<5
LP SOS 003	<5
LP SOS 004	<5
LP SOS 005	<5
LP SOS 007	<5
SOS 008	7

Certified by

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Northern Analytical Laboratories ltd.

Associated Hydrotechnical Services WO#15266

Sample #	Au ppb
LP SOS 009	<5
LP SOS 010	<5
LP SOS 011	7
LP SOS 012	5
LP SOS 013	15
LP SOS 014	7
LP SOS 015	<5
LP SOS 016	<5
LP SOS 017	<5
LP SOS 018	<5
LP STS 001	8
STS 002	<5
LP STS 003	<5
LP STS 004	<5
LP STS 005	<5
LP STS 006	8
LP STS 007	6
LP STS 008	<5

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(2)

CERTIFICATE OF ANALYSIS

iPL 95-0403

Client: Northern Analytical Laboratories iPL: 95H0403 Out: Aug 11, 1995 Page 1 of 1 Section 1 of 1
Project: 15271 7 Pulp In: Aug 04, 1995 [056712:37:27:59081195] Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
LP A2	P	0.5	22	8	60	23	<	<	3	<	<	<	38	39	60	<	51	164	693	7	129	5	<	0.09	2.67	3.46	6.34	2.64	0.08	0.09	0.20
LP 27	P	0.5	20	14	161	50	5	<	6	<	<	<	29	97	61	<	107	80	175	3	8	7	<	<	2.89	0.24	5.68	2.60	0.15	0.01	0.10
LP 29	P	0.7	78	4	95	157	<	<	5	<	<	0.3	41	53	53	<	11	22	1392	18	351	6	<	<	0.24	11%	7.41	3.35	0.02	0.05	0.32
LP 31	P	0.7	82	19	372	2265	<	<	11	<	<	0.1	41	62	95	<	36	130	782	41	393	5	<	0.02	3.28	12%	5.87	3.95	0.22	0.02	0.35
TR 6d	P	4.1	1119	442	35	10	<	<	3	<	400	<	73	19	18	67	26	14	760	<	3	7	<	0.02	0.28	5.02	13%	0.09	0.01	0.01	0.03
TR 25	P	0.1	2	<	<	<	<	<	<	<	<	<	1	<	860	<	2	<	6	<	181	<	<	<	0.01	0.03	0.08	0.01	<	0.01	<
TR 26	P	<	4	3	11	<	<	<	4	<	<	<	1	4	953	<	17	5	110	4	466	<	<	<	0.05	27%	0.13	0.38	0.02	0.01	0.01

2nd WORKORDER

Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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07/08/95 Assay Certificate Page 1

Tom Arsenault WO#15271

Sample #		Au ppb
LPA2	BASALT	5
TR6d	PHYROTITE	110
TR25	BARITE	<5
TR26	LIMESTONE(Ba)	<5
LP27	PYRITIC RHYOLITE	<5
LP29	PYRITIC LIMESTONE	6
LP31	ARSENOPYRITE	<5

Certified by

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(3)

CERTIFICATE , ANALYSIS
iPL 95H2204

Client: Northern Analytical Laboratories iPL: 95H2204 Out: Aug 24, 1995 Page 1 of 1 Section 1 of 1
Project: 15326 , 11 Pulp In: Aug 22, 1995 [063517:44:30:59082495] Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
LP - 35	1.2	48	105	134	135	<	<	8	<	<	<	69	343	298	<	11	18	387	17	13	8	3	<	10%	0.56	16%	0.20	0.06	0.01	0.16
LP - 40	0.7	93	4	22	298	56	<	2	<	<	0.3	36	210	39	<	42	16	593	8	188	2	2	<	0.39	8.12	4.70	3.93	0.18	0.01	0.15
LP - 42	0.4	5	11	33	32	<	<	17	<	<	0.4	10	34	142	<	31	37	9385	2	127	6	4	<	0.64	15%	9.65	1.73	0.01	0.01	0.03
LP - 47	50.8	18	2.6%	899	17	66	<	4	<	<	5.1	1	6	<	<	25	6	2250	2	65	1	<	<	0.04	14%	1.18	8.68	0.01	0.01	0.01
LP - 52	0.1	3	197	62	60	5	<	3	<	<	0.3	2	7	7	<	102	3	878	<	55	1	1	<	0.02	4.46	1.39	2.43	0.01	0.01	0.02
LP - 53	5.8	17	1793	960	759	19	<	3	<	<	2.1	15	41	3	<	87	5	335	<	4	2	<	<	0.02	0.77	6.25	0.42	0.01	0.01	<
LP - 58	0.2	<	12	13	<	<	<	5	<	<	<	1	2	53	<	9	3	648	<	150	1	<	<	0.03	20%	0.92	12%	<	0.02	<
LP - 62	0.1	10	145	313	10	5	<	2	<	<	1.3	1	10	23	<	150	13	32	<	2	1	<	<	0.02	0.24	1.56	0.12	0.01	0.01	0.02
LP - 65	0.3m	2365	16620	2.2%	337	2149	<	1	<	<	0.3m	1	2	2	93	58	2	244	<	28	1	<	<	0.02	3.01	0.54	1.80	0.01	0.01	<
LP - 66	4.3	19	734	249	11	27	<	4	<	<	1.8	5	21	135	<	75	5	263	<	26	3	<	<	0.10	3.83	1.59	2.14	0.04	0.01	0.03
LP - 67	2.3	12	179	94	19	13	<	3	<	<	0.9	18	16	869	<	6	18	103	23	55	2	1	<	0.67	3.45	1.15	0.53	0.33	0.01	1.19

3rd work order

(39)

Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

Northern Analytical Laboratories ltd.

29/08/95 Assay Certificate Page 1

Tom Arsenault WO#15326

Sample #	Au ppb	Pb ppm	Ag g/mt	Pb %
LPAG SOS 001		85		
LPAG SOS 002		431		
LPAG SOS 003		25		
LPAG SOS 004		24		
LPAG SOS 005		21		
LPAG SOS 006		161		
LPAG SOS 007		493		
LPAG SOS 008		749		
LPAG SOS 009		1170		
LPAG SOS 010		315		
LPAG SOS 011		75		
AG SOS 012		32		
LP 35	5			
LP 37	<5			
LP 40	<5			
LP 42	<5			
LP 43		50		
LP 47	<5		46.8	3.61
LP 51		423		
LP 52	6			
LP 53	135			
LP 55		55		
LP 57	7			
LP 58	7			
LP 59	29		58.7	4 23
LP 62	<5			
LP 64	20		3738.0	83.00
LP 65	8			
LP 66	10			
LP 67	<5			

Certified by (40)

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CERTIFICATE OF ANALYSIS
iPL 95J1003

INTERNATIONAL PLASMA LABORATORY LTD.
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Client: Northern Analytical Laboratories iPL: 95J1003 Out: Oct 17, 1995 Page 1 of 2 Section 1 of 1
Project: 15390 / 72 Pulp In: Oct 10, 1995 [085116:53:44:59101795] Certified BC Assayer: David Chiu

See LP RCS + 056/68 (over)

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
LP RCS 069	<	41	3	28	24	<	<	4	<		<	22	88	107		102	161	636	7	12	7	8	<	3.30	0.80	15%	1.40	0.14	0.02	0.01
LP RCS 070	<	2	<	20	6	<	<	1	<		<	1	3	37		104	3	61	2	5	1	<	<	0.06	0.59	0.27	0.06	0.01	0.02	<
LP RCS 071	7.7	72	277	124	1851	5	<	10	<		<	5	24	13		64	11	36	<	12	4	<	<	0.11	0.14	10%	0.05	0.06	0.01	0.02
LP RCS 072	<	<	<	11	13	<	<	10	<		0.7	4	15	227		23	11	6082	<	121	2	1	<	0.06	16%	9.87	4.08	0.03	0.02	0.01
LP RCS 073	2.0	61	5	26	339	19	<	4	<		<	20	8	16		17	18	931	13	112	3	2	<	0.62	6.29	5.18	2.07	0.32	0.02	0.47
LP RCS 075	<	1	8	1207	31	<	<	4	<		<	3	17	436		7	6	327	2	69	5	<	<	0.06	21%	1.42	9.69	0.02	0.02	0.01
LP RCS 076	18.8	364	17	405	64	163	<	4	<		6.4	67	53	29		76	182	758	16	166	5	4	0.01	4.61	4.43	8.88	3.75	0.02	0.02	0.44
LP RCS 078B	2.7	48	<	33	7	33	<	2	<		0.8	1	3	24		139	3	101	<	3	<	<	<	0.07	0.62	0.30	0.14	0.01	0.02	0.01
LP RCS 078T	97.3	17%	129	8.3%	1356	2.5%	114	<	<		0.3%	38	30	7		28	5	92	<	27	<	1	<	0.02	1.44	1.37	0.57	0.01	0.01	<
LP RCS 079	82.7	4712	32	2477	333	3525	4	3	<		91.6	1	3	58		50	2	351	2	75	1	<	<	0.03	10%	0.39	6.08	<	0.02	<
LP RCS 080	2.3	89	84	50	151	103	<	18	<		0.9	22	50	95		13	19	576	5	53	4	<	<	0.08	21%	8.02	3.71	0.01	0.01	0.02
LP RCS 081	94.2	1710	584	14993	86	730	<	1	<		0.1m	3	4	114		37	5	321	3	160	7	<	<	0.07	15%	0.61	6.16	0.03	0.02	0.01
LP RCS 082	10.5	322	268	1988	54	187	4	5	<		16.2	2	6	138		9	9	389	4	221	3	<	<	0.07	19%	1.35	11%	0.01	0.02	0.01
LP RCS 083	8.6	115	136	263	14	96	<	2	<		4.5	1	3	47		101	2	224	<	45	1	<	<	0.04	4.06	0.39	2.43	0.01	0.02	0.01
LP RCS 084	0.5	11	8	47	9	8	<	2	<		0.2	2	6	54		62	2	47	12	8	3	<	<	0.15	0.76	0.46	0.44	0.06	0.02	0.02
LP RCS 085	4.8	58	14	70	8	55	<	2	<		2.0	1	3	18		204	<	45	<	2	1	<	<	0.01	0.24	0.23	0.12	0.01	0.01	<
LP RCS 086	0.1	<	5	1030	23	<	<	8	<		0.4	39	176	53		7	7	1020	6	111	14	<	<	0.11	17%	6.15	11%	0.02	0.02	0.01
LPAG SOS 013	0.3	22	20	57	55	6	<	6	<		0.3	32	36	219		8	28	728	16	97	1	2	<	0.73	7.48	4.01	2.70	0.10	0.02	0.65
LPAG SOS 014	0.6	7	60	158	53	5	<	4	<		1.5	6	15	69		9	16	864	6	31	1	1	<	0.32	6.82	2.72	4.14	0.02	0.02	0.08
LPAG SOS 015	0.6	6	32	58	102	6	<	9	<		0.1	13	19	80		7	14	1072	5	44	2	1	<	0.28	12%	3.27	7.14	0.03	0.02	0.16
LPAG SOS 016	0.9	6	20	29	64	<	<	10	<		0.6	8	21	62		7	11	1064	4	56	2	1	<	0.19	14%	3.42	9.01	0.01	0.02	0.05
LPAG SOS 017	0.2	6	37	59	21	<	<	4	<		0.1	4	9	69		8	13	1341	5	61	1	<	0.01	0.35	12%	1.58	8.15	0.02	0.03	0.04
LPAG SOS 018	3.4	33	34	215	116	19	<	3	<		1.6	34	86	83		8	11	700	4	46	1	1	<	0.21	7.49	3.13	4.75	0.02	0.02	0.06
LPSTS 009	0.9	30	49	219	26	<	<	12	<		2.1	10	41	77		8	26	322	16	53	1	1	0.01	0.48	4.12	2.32	1.03	0.04	0.02	0.11
LPTE SOS 001	1.6	35	146	309	54	9	<	16	<		2.5	21	86	115		4	17	710	14	68	11	1	<	0.16	3.68	3.50	2.09	0.04	0.02	0.08
LPTE SOS 002	1.8	27	197	674	56	10	<	9	<		3.7	6	21	157		3	9	1823	17	100	4	1	<	0.22	6.12	3.71	3.54	0.03	0.02	0.06
LPTE SOS 003	1.7	57	87	503	77	8	<	27	<		3.5	20	92	92		7	45	509	11	64	7	1	<	0.30	3.55	3.56	1.38	0.07	0.02	0.21
LPTE SOS 004	62.3	1548	1132	17026	163	875	17	5	<		99.3	8	23	121		7	21	822	6	107	2	1	0.01	0.34	14%	2.61	8.98	0.02	0.02	0.03
LPTE SOS 005	0.4	10	50	136	10	9	<	4	<		0.3	2	6	80		6	12	947	5	96	1	<	0.01	0.17	16%	1.00	10%	0.01	0.02	0.03
LPTE SOS 006	0.3	17	101	323	10	16	4	3	<		0.9	3	9	88		5	10	788	4	91	1	<	0.01	0.24	13%	0.83	8.80	0.01	0.02	0.03
LPTE SOS 007	0.3	9	35	194	8	7	<	4	<		0.9	2	5	93		5	11	1157	6	80	1	<	0.01	0.26	14%	0.96	8.94	0.02	0.03	0.03
LPTE SOS 008	0.2	9	46	189	9	6	3	4	<		0.8	2	15	93		6	12	1266	6	79	1	<	0.01	0.28	14%	1.03	9.50	0.01	0.03	0.03
LPTE SOS 009	0.6	12	169	969	11	14	4	5	<		4.9	3	10	97		8	14	1136	5	106	1	<	0.01	0.28	15%	1.15	9.82	0.01	0.03	0.04
LPTE SOS 010	0.5	11	72	118	11	6	3	3	<		0.2	3	7	80		5	15	871	6	78	1	<	0.01	0.27	13%	1.03	8.26	0.01	0.03	0.03
LPTE SOS 011	1.9	34	108	468	38	9	<	13	<		2.0	5	36	87		8	28	731	8	74	1	1	0.01	0.29	12%	1.66	7.64	0.02	0.02	0.04
LPTE SOS 012	0.8	48	47	106	47	<	<	9	<		0.8	24	58	74		12	24	484	16	66	7	1	<	0.75	3.59	3.62	1.27	0.06	0.02	0.19
TR RCS 012	0.2	4	7	4	13	<	<	3	<		0.3	3	23	7		167	4	38	<	6	2	<	<	0.04	0.09	3.50	0.01	0.02	0.02	<
TR RCS 025	0.1	<	3	<	<	<	<	<	<		<	<	<	871		2	<	3	<	267	<	<	<	0.01	0.01	0.02	<	<	0.01	<
TR RCS 026	0.1	3	2	34	<	<	<	4	<		0.2	<	4	341		11	24	42	6	399	1	<	<	0.03	34%	0.04	0.41	0.01	0.02	0.01
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

4th WORK ORDER

CERTIFICATE OF ANALYSIS
iPL 95J1003

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Client: Northern Analytical Laboratories iPL: 95J1003 Out: Oct 17, 1995 Page 2 of 2 Section 1 of 1
Project: 15390 : 72 Pulp In: Oct 10, 1995 [085116:53:57:59101795] Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
TR RCS 032	<	9	13	4	12	<	<	6	<		0.4	2	18	359		112	5	42	2	263	2	<	<	0.09	7.64	0.75	0.19	0.04	0.01	0.01
TR RCS 033	<	6	9	9	7	<	<	4	<		<	1	13	317		155	12	39	2	39	3	<	<	0.06	1.91	0.38	0.95	0.03	0.01	0.01
TR RCS 034	<	<	2	<	<	<	<	<	<		<	1	<	990		1	<	4	<	197	<	<	<	0.01	0.10	0.01	0.02	0.01	0.01	<
TR RCS 036	<	5	12	47	8	<	<	3	<		<	4	11	334		111	4	782	3	202	3	<	<	0.16	2.46	1.97	0.78	0.05	0.02	0.02
TR RCS 037	<	3	11	42	<	<	4	4	<		0.8	1	7	738		84	45	196	3	284	5	<	<	0.07	8.64	0.67	5.02	0.02	0.02	0.02
TR RCS 038	<	8	12	63	10	<	<	2	<		0.1	7	19	1461		101	12	374	4	33	6	<	<	0.85	0.22	2.41	0.44	0.07	0.02	0.03
TR RCS 039	0.1	30	4	40	<	<	<	6	<		1.1	4	13	85		90	12	992	<	87	2	2	<	0.05	6.37	3.56	1.50	0.01	0.01	0.02
TR RCS 040	<	2	3	4	<	<	<	3	<		<	1	4	112		149	2	61	<	3	1	<	<	0.03	0.05	1.43	0.02	0.02	0.01	0.01
TR RCS 041	<	22	8	19	34	<	<	5	<		0.7	14	50	182		67	20	1036	2	198	2	2	<	0.68	11%	3.07	6.64	0.03	0.02	0.03
TR RCS 042	<	2	3	4	7	<	<	4	<		<	2	6	790		73	5	197	<	57	1	<	<	0.12	9.34	0.75	6.11	0.01	0.02	0.01
TR RCS 043	<	3	<	3	58	<	<	3	<		<	3	6	51		163	<	174	<	2	1	<	<	0.07	0.08	0.84	0.04	0.02	0.01	<
TR RCS 044	<	4	2	4	15	<	<	2	<		<	2	3	79		140	<	323	6	201	1	1	<	0.12	3.65	0.40	0.05	0.01	0.01	0.02
TR RCS 045	<	6	3	10	5	<	<	4	<		<	3	9	77		20	6	1741	4	545	4	1	<	0.38	19%	5.17	4.75	0.04	0.02	0.03
~~TR~~ RCS 056	0.2	1	41	1164	186	<	<	3	<		2.8	1	3	647		9	<	110	<	106	1	<	<	0.05	34%	0.20	1.19	0.01	0.02	<
~~TR~~ RCS 068	0.3	51	13	17	46	<	<	6	<		<	97	126	347		8	33	252	2	13	8	1	<	0.40	0.45	22%	0.23	0.10	0.01	0.37
TR SOS 017	<	7	15	62	17	<	<	1	<		0.4	7	14	101		8	31	333	14	12	2	1	0.05	0.95	0.30	2.07	0.34	0.09	0.02	0.06
TR SOS 018	<	14	7	79	22	<	<	6	<		1.7	4	81	724		6	23	2963	6	592	1	<	0.01	0.27	9.01	2.43	5.68	0.02	0.01	0.03
TR SOS 019	<	10	16	61	23	<	<	1	<		0.5	9	16	744		10	36	364	16	25	3	1	0.06	1.22	0.48	2.36	0.48	0.10	0.02	0.07
TR SOS 020	0.1	26	20	121	27	<	<	5	<		1.2	10	30	253		10	36	353	18	26	3	1	0.05	1.04	1.01	2.61	0.71	0.10	0.02	0.07
TR SOS 021	<	16	15	78	18	<	<	4	<		0.2	8	19	459		9	29	297	16	30	2	1	0.04	0.83	2.00	1.94	1.33	0.09	0.02	0.06
TR SOS 022	<	6	9	22	8	<	<	4	<		1.1	4	26	1091	<	15	24	2260	9	192	2	<	<	0.28	13%	2.35	7.73	0.01	0.02	0.07
TR SOS 023	<	9	19	142	21	<	<	8	<		6.2	9	60	1893		15	35	3505	17	33	4	1	0.01	0.98	3.70	4.09	1.98	0.04	0.02	0.05
TR SOS 024	0.1	8	23	123	31	<	<	3	<		0.8	10	18	124		13	42	393	14	9	2	1	0.05	2.05	0.16	2.84	0.43	0.10	0.02	0.06
TR SOS 025	<	8	14	40	15	<	<	1	<		<	4	8	99		8	34	94	26	6	1	<	0.02	0.79	0.04	1.67	0.09	0.04	0.01	0.03
TR STS 012	<	13	18	132	20	<	<	2	<		0.9	7	19	256		7	25	234	14	28	1	1	0.03	0.66	1.51	1.88	0.79	0.06	0.02	0.06
TR STS 013	0.2	25	24	283	27	<	<	9	<		1.9	10	43	146		7	30	317	24	31	2	1	0.01	0.67	0.52	2.69	0.27	0.04	0.02	0.09
TR STS 014	0.5	36	38	355	35	<	<	10	<		3.2	13	57	262		8	34	642	23	42	2	1	0.01	0.71	0.81	3.13	0.30	0.05	0.02	0.10
TR STS 015	0.4	26	35	359	31	5	<	12	<		2.8	10	57	140		5	32	562	17	43	2	1	<	0.38	1.25	2.61	0.52	0.04	0.02	0.10
TR STS 016	<	7	16	104	16	<	<	3	<		0.5	6	17	107		6	24	372	12	19	1	<	0.02	0.60	0.52	1.68	0.30	0.04	0.02	0.04
TR STS 017	0.6	40	30	628	14	7	3	24	<		6.4	8	55	241		6	107	243	14	128	12	2	<	0.24	5.76	1.79	3.22	0.05	0.02	0.09
TR STS 018	0.2	14	22	308	42	<	<	13	<		1.9	6	39	174		3	44	398	11	91	5	1	<	0.23	3.43	1.72	1.55	0.04	0.02	0.13
TR STS 019	0.1	8	12	96	37	<	<	5	<		<	15	34	522		12	28	5679	18	36	3	1	0.01	0.95	0.82	6.07	0.80	0.04	0.02	0.08
TR STS 020	0.2	31	17	145	16	<	<	1	<		1.0	7	33	167		13	22	206	12	37	3	1	0.02	1.06	1.09	2.21	0.54	0.07	0.02	0.08
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

(42)

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17/10/95 Assay Certificate Page 1

Tom Arsenault ~~WO#15390~~

Sample #	Au ppb	Au oz/ton	Ag g/mt	Cu %	Pb %	Zn %
TR SOS 017	<5					
TR SOS 018	19					
TR SOS 019	<5					
TR SOS 020	6					
TR SOS 021	<5					
TR SOS 022	17					
TR SOS 023	<5					
TR SOS 024	11					
TR SOS 025	8					
TR RCS 012	7					
TR RCS 025	<5					
TR RCS 026	<5					
TR RCS 032	<5					
TR RCS 033	<5					
TR RCS 036	<5					
TR RCS 037	<5					
TR RCS 038	<5					
TR RCS 039	<5					
TR RCS 040	<5					
TR RCS 041	<5					
TR RCS 042	<5					
TR RCS 043	8					
TR RCS 044	<5					
TR RCS 045	<5					
LPAG SOS 013	6					
LPAG SOS 014	9					
LPAG SOS 015	15					
LPAG SOS 016	19					
LPAG SOS 017	<5					
LPAG SOS 018	10					
LPTE SOS 001	6					
LPTE SOS 002	7					
LPTE SOS 003	6					
LPTE SOS 004	50					

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17/10/95 Assay Certificate Page 2

Tom Arsenault WO#15390

Sample #	Au ppb	Au oz/ton	Ag g/mt	Cu %	Pb %	Zn %
LPTE SOS 005	<5					
LPTE SOS 006	6					
LPTE SOS 007	<5					
LPTE SOS 008	<5					
LPTE SOS 009	<5					
LPTE SOS 010	<5					
LPTE SOS 011	5					
LPTE SOS 012	5					
LP RCS 056		0.001	<1.0		0.004	
LP RCS 068	6		<1.0			
LP RCS 069	<5					
LP RCS 070	<5		<1.0			
LP RCS 071	912		8.8			
LP RCS 072	<5					
LP RCS 073	10					
LP RCS 075	<5		<1.0			
LP RCS 076	5					
LP RCS 077		0.001	6.2	0.006	<0.001	0.005
LP RCS 078	30		10160.0			
LP RCS 079	<5		355.0			
LP RCS 080	19		1.7			
LP RCS 081		<0.001	91.0	0.172	0.067	1.760
LP RCS 082		0.001	12.3	0.031	0.032	0.209
LP RCS 083		0.001	8.9	0.007	0.014	0.023
LP RCS 084	<5		<1.0			
LP RCS 085	<5		2.8			
LP RCS 086	<5		<1.0			
LP STS 009	7					

Certified by

(44)

INTERNATIONAL PLASMA LABORATORY LTD

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Fax (604) 879-7898

CERTIFICATE OF ANALYSIS
iPL 95K1012

Client: Northern Analytical Laboratories iPL: 95K1012 Out: Nov 16, 1995 Page 1 of 1 Section 1 of 1
Project: 15435 29 Pulp In: Nov 10, 1995 [101818:05:08:59111695] Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
LPAG SOS 019	P	<	18	38	102	48	10	<	7	<	<	1.3	28	25	138	<	6	15	836	6	98	3	3	<	0.25	9.31	3.74	5.22	0.03	0.01	0.42
LPAG SOS 020	P	0.1	14	51	143	35	5	<	4	<	<	1.1	9	25	122	<	15	28	1689	8	30	2	1	0.01	0.75	6.50	4.00	3.90	0.02	0.02	0.13
LPAG SOS 021	P	0.4	12	37	70	29	9	<	3	<	<	1.1	8	24	44	<	9	13	487	7	28	2	2	0.01	0.33	5.23	2.06	3.28	0.02	0.02	0.05
LPAG SOS 022	P	<	7	26	52	104	<	<	7	<	<	0.3	11	18	45	<	6	9	882	5	50	2	1	<	0.18	12%	2.65	7.71	< 0.02	0.12	
LPAG SOS 023	P	<	1	6	25	17	<	<	6	<	<	0.2	2	11	33	<	6	9	726	2	54	2	1	<	0.09	17%	1.62	11%	< 0.02	0.02	
LPAG SOS 024	P	<	7	24	53	29	<	<	7	<	<	1.0	11	22	81	<	10	16	1360	4	56	2	1	0.01	0.34	13%	2.74	8.26	0.01	0.02	0.08
LPAG SOS 025	P	<	14	28	64	25	<	<	4	<	<	1.2	9	22	97	<	15	24	1216	9	35	1	1	0.01	0.63	6.25	2.88	3.59	0.02	0.02	0.10
LPBR SOS 001	P	1.7	72	57	441	31	15	<	25	<	<	2.9	22	97	118	<	8	76	647	13	80	10	3	<	0.31	2.08	4.33	0.64	0.05	0.01	0.38
LPBR SOS 002	P	1.8	64	47	380	37	14	<	29	<	<	3.4	20	101	105	<	8	81	610	18	56	10	3	<	0.42	1.55	3.93	0.77	0.04	0.01	0.27
LPBR SOS 003	P	2.1	77	43	317	38	14	<	21	<	<	1.6	22	93	94	<	9	67	456	13	33	9	3	0.01	0.51	0.79	4.22	0.28	0.04	0.01	0.27
LPBR SOS 004	P	1.4	63	50	531	40	12	<	24	<	<	3.2	24	99	150	<	9	78	693	8	103	8	4	0.01	0.49	2.48	4.90	1.00	0.05	0.01	0.31
LPBR SOS 005	P	1.6	108	73	479	113	42	<	60	<	<	2.4	17	115	132	<	6	92	519	12	115	10	3	<	0.32	3.53	4.07	1.61	0.10	0.01	0.35
LPBR SOS 006	P	2.1	95	104	957	43	15	<	48	<	<	7.4	12	119	50	<	5	51	255	10	12	7	2	0.01	0.20	0.36	3.26	0.09	0.03	0.01	0.08
LPBR SOS 007	P	2.0	83	74	907	43	18	<	66	<	<	3.2	16	181	80	<	4	49	404	8	23	17	3	<	0.17	1.10	3.36	0.47	0.04	0.01	0.09
LPBR SOS 008	P	1.8	67	82	209	29	15	<	63	<	<	0.8	12	150	21	<	3	39	571	6	28	20	2	<	0.14	2.31	3.31	0.69	0.02	0.01	0.08
LPBR SOS 009	P	1.3	77	60	420	55	15	<	63	<	<	1.4	16	179	42	<	3	44	621	3	51	24	2	<	0.10	3.53	4.14	1.33	0.02	0.01	0.05
LPBR SOS 010	P	1.8	57	115	329	25	14	<	41	<	<	1.5	13	122	45	<	5	41	400	8	20	2	2	0.01	0.26	0.89	3.17	0.37	0.02	0.01	0.08
LPF2 SOS 001	P	3.1	44	1460	3080	157	11	<	4	<	<	15.8	4	16	119	<	6	8	4292	3	125	2	<	<	0.15	18%	4.72	11%	< 0.02	0.03	
LPF2 SOS 002	P	<	3	41	272	57	<	5	5	<	<	1.3	6	15	172	<	6	11	3697	5	102	2	<	<	0.18	18%	5.95	11%	< 0.02	0.08	
LPF2 SOS 003	P	<	10	35	121	18	<	<	5	<	<	0.8	4	10	182	<	8	12	2926	4	53	2	<	0.01	0.39	13%	4.93	8.19	0.01	0.02	0.07
LPF2 SOS 004	P	<	11	48	120	20	<	<	4	<	<	1.0	8	10	144	<	7	13	2193	6	55	3	1	0.01	0.60	8.13	4.44	4.75	0.01	0.03	0.12
LPF2 SOS 005	P	<	18	104	79	38	<	<	6	<	<	0.6	17	23	150	<	12	24	1825	11	61	2	1	0.01	0.63	9.76	4.80	5.95	0.02	0.02	0.21
LPF2 SOS 006	P	0.7	16	160	188	51	<	<	8	<	<	1.5	18	37	238	<	12	25	3854	11	33	2	1	0.01	0.69	5.07	7.62	2.94	0.02	0.02	0.12
LPF2 SOS 007	P	0.6	25	45	89	24	<	<	5	<	<	0.3	14	20	106	<	10	22	1163	10	28	3	1	0.02	0.66	4.25	4.07	2.29	0.02	0.03	0.15
LPF2 SOS 008	P	0.1	19	80	145	28	6	<	6	<	<	2.0	9	13	131	<	8	16	1666	6	62	2	1	0.01	0.45	10%	3.92	6.40	0.02	0.03	0.11
LPF2 SOS 009	P	<	14	72	155	28	6	<	7	<	<	1.8	5	17	115	<	9	18	2113	5	90	2	1	0.02	0.34	13%	3.95	8.38	< 0.02	0.04	
LPF2 SOS 010	P	<	6	43	67	11	<	<	6	<	<	1.4	3	10	144	<	7	12	2328	4	82	2	<	0.01	0.34	16%	3.65	10%	< 0.02	0.04	
LPF2 SOS 011	P	<	8	20	281	30	<	<	8	<	<	1.7	5	13	169	<	7	13	5129	4	87	2	1	0.01	0.28	16%	5.78	10%	< 0.02	0.03	
LPF2 SOS 012	P	<	4	22	65	15	<	<	5	<	<	0.3	3	8	122	<	6	9	2319	3	76	2	<	<	0.23	16%	4.07	10%	0.01	0.02	0.04
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

5th WORK ORDER

(45)

--=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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23/10/95 Assay Certificate Page 1

Tom Arsenault WO#15453

Sample #	Au ppb
LPAG SOS 019	6
LPAG SOS 020	<5
LPAG SOS 021	<5
LPAG SOS 022	9
LPAG SOS 023	<5
LPAG SOS 024	<5
LPAG SOS 025	6
LPF2 SOS 001	85
LPF2 SOS 002	9
LPF2 SOS 003	7
LPF2 SOS 004	5
F2 SOS 005	7
LPF2 SOS 006	11
LPF2 SOS 007	5
LPF2 SOS 008	<5
LPF2 SOS 009	<5
LPF2 SOS 010	<5
LPF2 SOS 011	<5
LPF2 SOS 012	<5
LPBR SOS 001	<5
LPBR SOS 002	5
LPBR SOS 003	<5
LPBR SOS 004	7
LPBR SOS 005	11
LPBR SOS 006	9
LPBR SOS 007	6
LPBR SOS 008	<5
LPBR SOS 009	7
LPBR SOS 010	7

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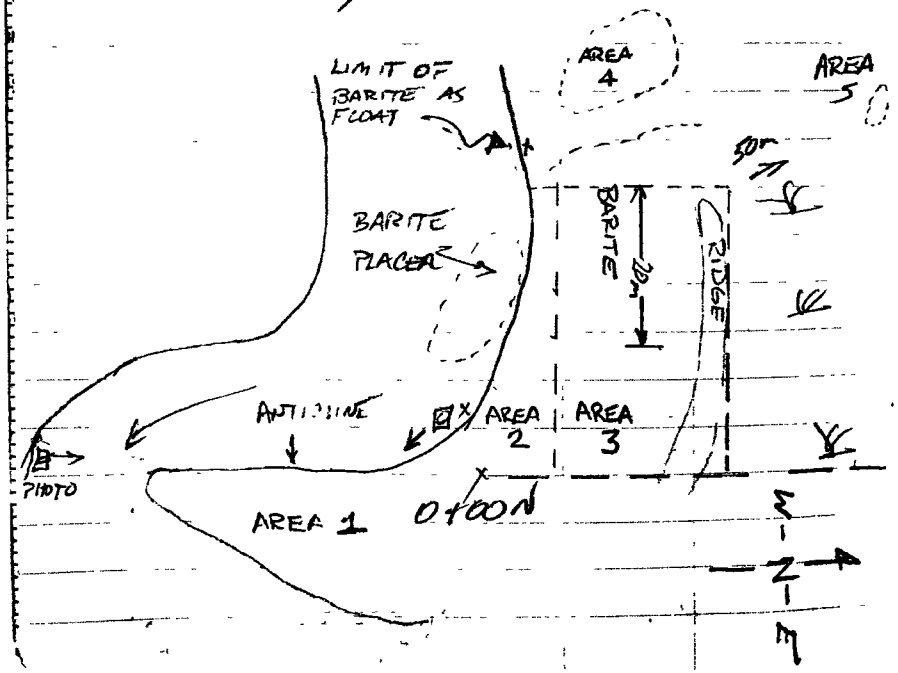
APPENDIX 2

2

JULY 14 LV WHITSE 0700
ARR. NAHANNI CAMP 1600

TRAVERSE DOWN TO 0+00N
THEN CUT/BLAZE 250m LINE
GOING NORTH ACROSS ROAD
0+000 N - TREE NEAR ~~STD~~ ANTICLINE
@ DOLLY VARDEN CK
- SAMPLE ROCKS U/S 0700 =
BARITE - PROSPECT ALL ROCKS
IN VICINITY FOR ALTERATION



3

AREA 1 (JULY 15/95 0900 - 2100)

CONSISTS OF BEDDED CALC-SILICATES = Anticline Folding @ BASE. MINERALIZATION CONSISTS OF MINOR Cu AS PEACOCK WEATHERING AND SMALL BLEBS/PODS OF Fe SULPHIDE IN NARROW BAND NEAR TOP OF ANTICLINE FOLD @ WATERS EDGE.

BEDDING PIPS @ 30° D/S

AREA 2

CONSISTS OF GENERALLY ANGULAR RUBBLE OVERLAIN BY A BLANKET OF MOSS W/ 10% ROUNDED B ROCKS MIXED IN @ HIGH WATER MARK

↓

- BLACK FINE GRAINED LIMESTONE CUT BY CALCITE STRINGERS - SULPHUR SMELL WHEN STRUCK

* BLACK ~~FINE~~ MED GRAINED IGNEOUS ROCK FOR FROM ANTICLINE → ? @ LEAST CREEK APROX 30m CUT BY HIGH TEMP CALCITE <See more PS 33>
"BEDROCK INTRUSION" ⇒ NEARBY?

- SILICIFIED LIMESTONE CUT BY QTZ VEINLETS & SMALL CITRINE/CLEAR QTZ CRYSTALS AND MINOR Cu

ORIGINAL COPY OF DAILY LOG
- JULY 14 - NOV 17, 1995 (PREVIOUS ENTRIES TOO JUMBLED)

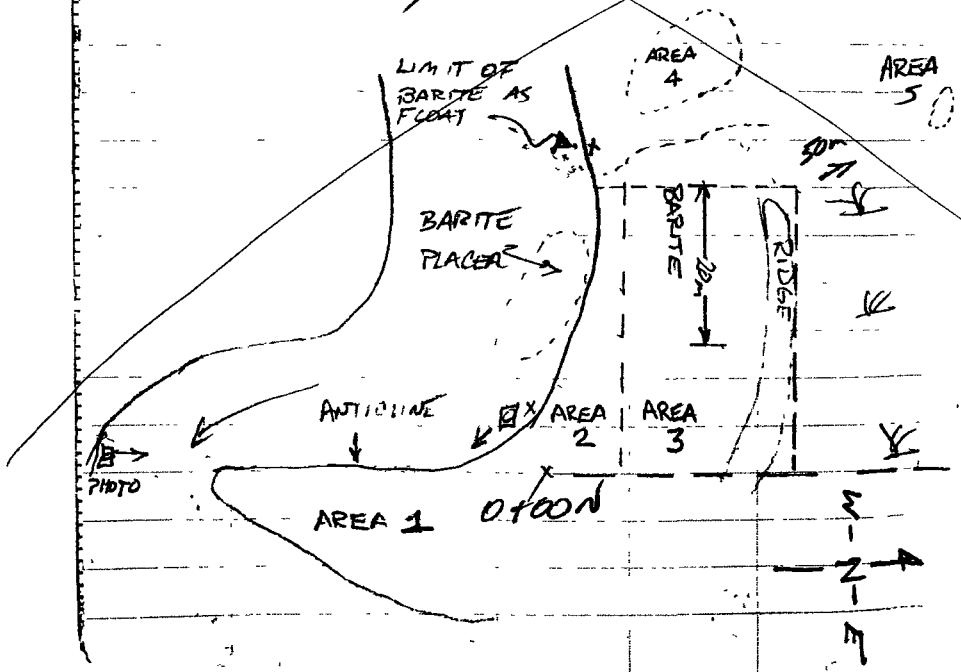
JULY 14 LV WHTSE - 0700

ARR: NAHANNI CAMP 1600

- TRAVERSE DOWN TO 0+00N THEN CUT/BLAZE 250m LINE GOING NORTH ACROSS ROAD

- 0+000 N = TREE NEAR ~~STN~~ ANTICLINE @ DOLLY VARDEN CR

- SAMPLE ROCKS U/S 0+00 = BARITE - PROSPECT ALL ROCKS IN VICINITY FOR ALTERATION



AREA 1 (0900 - 2100)

CONSISTS OF BEDDED CALC - SILICATES = Anticline Folding @ BASE. MINERALIZATION CONSISTS OF MINOR Cu AS PEACOCK WEATHERING AND SMALL BLEBS/PODS OF Fe SULPHIDE IN NARROW BAND NEAR TOP OF ANTICLINE FOLD @ WATERS EDGE

BEDDING DIPS @ 30° D/S

AREA 2

CONSISTS OF GENERALLY ANGULAR RUBBLE OVERLAIN BY A BLANKET OF MOSS W/ 10% ROUNDED B ROCKS MIXED IN @ HIGH WATER MARK

↓

- BLACK FINE GRAINED LIMESTONE CUT BY CALCITE STRINGERS - SULPHUR SMELL WHEN STRUCK

X BLACK ~~FINE~~ MED GRAINED IGNEOUS ROCK FOR FROM ANTICLINE → ? @ LEAST CREEK APROX 30m CUT BY HIGH TEMP CALCITE <See more PS 3?>

"BEDROCK INTRUSION" ⇒ NEARBY?

- SILICIFIED LIMESTONE CUT BY QTZ VEINLETS & SMALL CITRINE/CLEAR QTZ CRYSTALS AND MINOR Cu

AREA 3

- HILLSIDE CONSISTS OF MASSIVE, RUBBLY WHITE BARITE ± A MIX OF RUSTY BROWN SOIL
- SOME MARBLE (GREY) AS FLOAT ALSO NEAR MARGIN (EAST SIDE).

THE BARITE DOES NOT APPEAR TO BE HOSTED BY OTHER ROCK TYPES

AREA 4

- OUTCROP OF FINE GRAINED SHALE AND PHYLLITE. RUSTY WEATHERING AND PREVIOUS SAMPLE SHOWS HINT OF Cu

JULY 15 0900 - 1500

TRAVERSE DOWN RB FROM CULVERTS ON DOLLY VARDEN CK TO 0400. PAN @ GRAVEL BAR / PROSPECT ROCKS, TAKE PHOTO'S

TRAVERSE BACK U/S TO CULVERT, THEN ALONG NORTHSIDE OF ROAD TO SWAMP, THEN DOWN TO ALTERATION AREA.

1600 - 2100

TRAVERSE FROM LAKE CK ALONG ROAD TO 0400 THEN TO SWAMP, / ALTERATION

" FIND INTRUSIVES"

AREA 5

- OUTCROP OF MARBLE / QTZ? CRYSTALS @ MARGIN OF SWAMP SEE PREVIOUS SAMPLE ALSO FOR MICROCLINE OR ORTHOCLASE? DEVELOPMENT.

JUNE 16

SOIL SAMPLING W/ R. GREGORY IN A.M. 0900 - 1900

LV NAHANNI 1400
ARR LAPIE 1900

PROSPECT EAST OF CLAIMS, THEN U.V. LIGHT 2400 - 0200.

TR RCS 019 - PYRITIC FLOAT D/S ANTICLINE
020 - HORNFEL U/S RCS 019
021 - RUSTY SHALE D/S CULVERTS
022 - SKARN FLOAT IN DITCH
023 - PHYROTITE IN DITCH

024 - MARBLE/QTZ
025 - BARITE
026 - BLACK LIMESTONE
027 - INGNEOUS?
028 - CITRINE QTZ
029 - GARNETS 505 010
030 - SILICIFIED LIME @ 505 01E

6

July 17/95

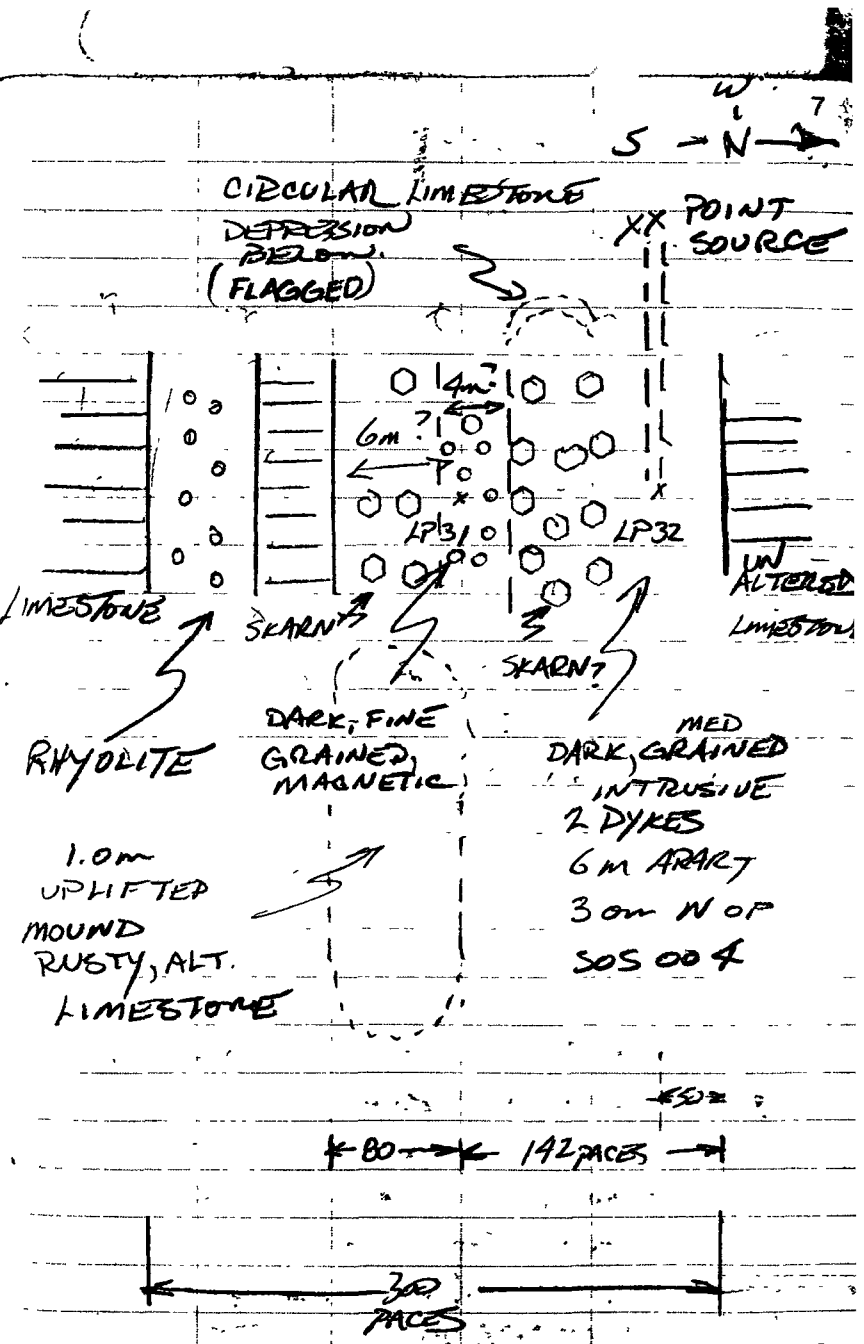
LV GROUND HOG CABIN 1100
RET "

TRAVERSE FROM S CANOL UP SMALL CREEK - COLLECT 5 SEDIMENT SAMPLES
2 PHOTOS LOOKING WEST @ UPPER JCT

(1) OUTCROP @ JCT OF RUSTY WEATHERING SHALE/PHYLITE w/ INTERBEDDED LAYERS OF QTZ APPROX 6" THICK. MINOR PURPLE IRRADESCENT STAIN ON SMALL CHIP SAMPLE IN QTZ. BEDDING DIPPING 25° TOWARD RIVER

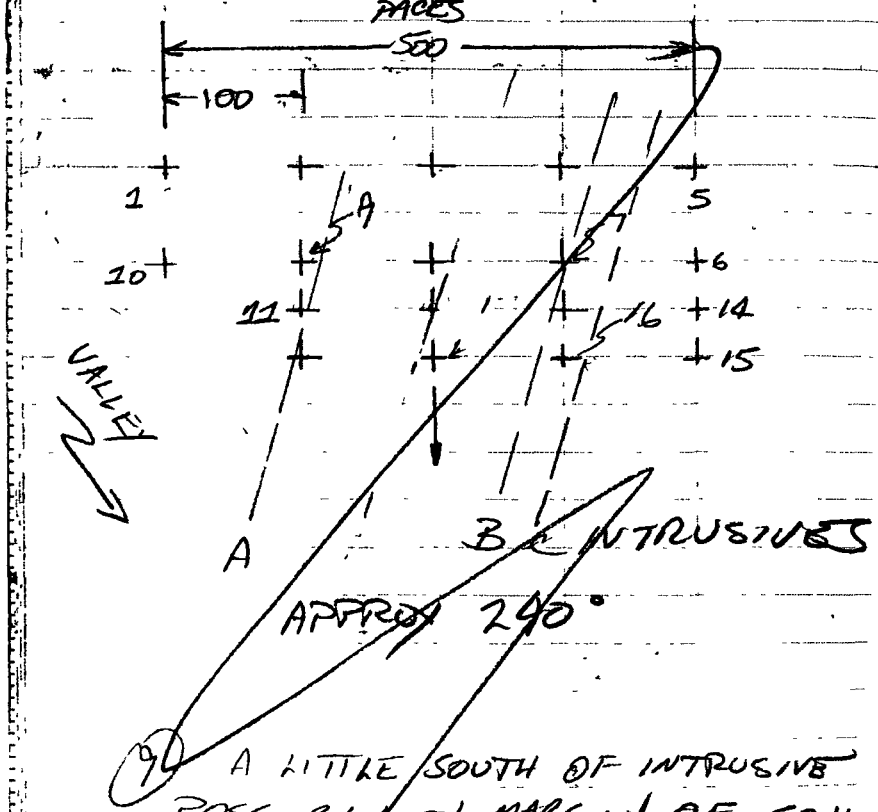
(LP31) 2 Pcs FLOAT ARSENOPYRITE? ✓
FLAGGED @ LOCATION / MORE DOWNSLOPE

(LP32) MAFIC INTRUSIVE?
40 PACES FROM NORTH MARGIN OF ALTERATION
APPROX 10m ZONE OF SIMILAR ROCKS (NOT FLAGGED)
TRACED APPROX 30m UPSLOPE TO PROTRUDING BED OUT OF LIMESTONE.



8

SOIL GRID



A LITTLE SOUTH OF INTRUSIVE POSSIBLY ON MARGIN OF SOIL HALO

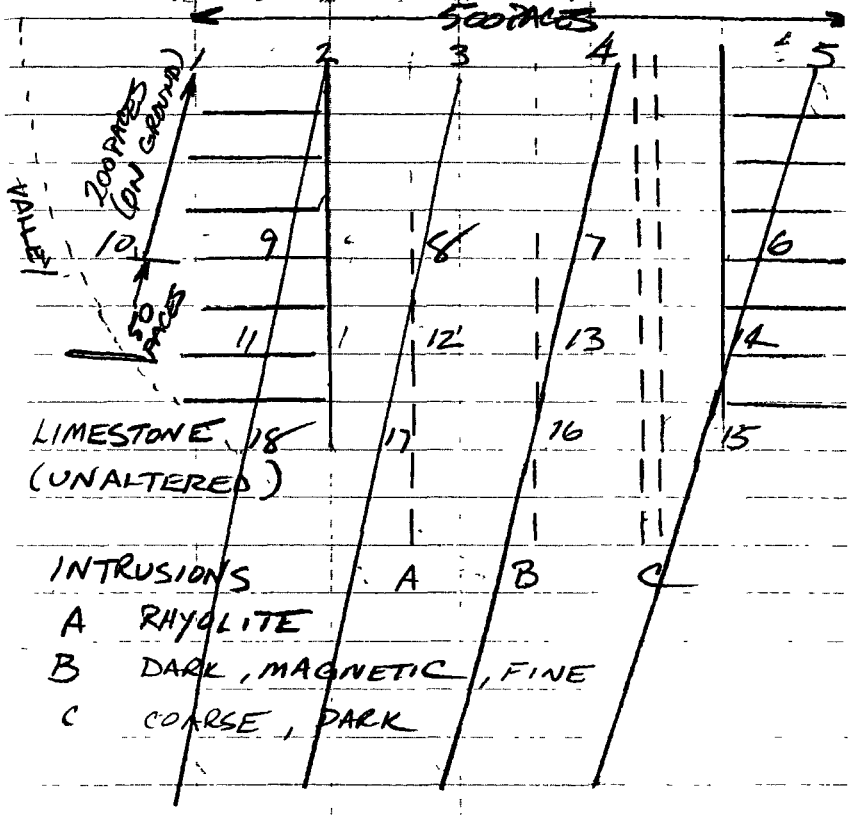
(7) NOT QUITE BELOW INT.

(16) DIRECTLY BELOW INT. "B"

OMH

9

APPROXIMATE NOT TO SCALE



A RHYOLITE

B DARK, MAGNETIC, FINE

C COARSE, DARK

270° GRID / 240° DYKES

#7 BETWEEN INTRUSIVES

#9 SOUTH OF INT, POSSIBLY IN HALO

#16 DIRECTLY BELOW INT "B" IN LINEAR DEPRESSION

<CLAIMS>

C5 - CU IN SHALE

C6 - HVy SULFIDES ALONG ROAD NR HORNBLENDE FLOAT.

C7 - SIMILAR TO C6, FOUND ALONG ROAD 200m W OF 2 CLAIM POSTS

LP33 - UV QUARTZITE? @ CULVERT 900m West OF GROUND HOG CABIN "SULFIDES APPARENT"

JULY 18 0900 - 1400

LP34 - QTZ / FELDSPAR PORPHY DYKE 5m WIDE 10m BELOW LATITE PYRITE CUBE DYKE.

APPROX 1½ MILES EAST OF GROUNDHOG CABIN ON MARGIN OF HV CLAIMS.

→ 1.6km BY ROAD TO CABIN

DYKES TREND 130°

ALSO DARK ROUND WEATHERING MAFIC DYKE SIMILAR TO LP32

STS SMALL CK 900 m W of Cabin on GROUNDHOG CK, THEN STS SMALL DRY CK ON UPPER SHEEP CK ROAD

Rex White 1900

TR BEDROCK ; FLOAT LEGEND

1A	GREY LIMESTONE w/ THIN 2" BANDS OF BARITE (?) LIGHT ROTTEN ODOUR
2A,B	QTZ CRYSTALS IN PHYLITE HOST
3A	QTZ VEIN THRU PHYLITE? / ARGILLITE
3B	BLOCKY CALCITE CRYSTALS
4A	GREY LIMESTONE
5A	SILICIFIED LIMESTONE (HORNFEL)
6A	DOLOMITIC BRECCIA
6B	GREY/BLACK LIMESTONE w BARITE (ROTTEN EGG SMELL) (RUBBLE)
6A1	SLATE BEDROCK
6C	DOLOMITIC BRECCIA w VUGGY QTZ
6E	GREY LIMESTONE w S=10% PYRITE NON FIZZING 'HORNFEL?'
7A	BLACK LIMESTONE (BEDROCK)
7B	CALCITE (BLOCKY)
7C	SILICIFIED LIMESTONE w MINOR SULPHIDES
7D	MARBLE w QTZ
99, TR	PHYLITE
10	SHALE

11	RUSTY WEATHERING GREY LIMESTONE w/ VERY MINOR Cu BELOW SHALE
12A	PYRITIC FLOAT (ROTTEN SMELL)
12B, C	" 12B BARITE
13	See Notes "Arca 1" 12C MARBLE
14	HORNFEL QUARTZITE
15	~~DOLOMITE~~ GREY LIMESTONE y CALCITE
16	SLATE w/ PEACOCK STAIN
17	TAN WEATHERING LIMESTONE
18	PYRITE / MINOR Cu IN GREENSTONE (FLOAT)
19	PYRITIC NODULE (FLOAT)
20	RESISTANT SILICATE MEMBER (GREY HORNFEL) (HOST TO NODULE ?)
21	NON CALCAREOUS SHALE w/ MINOR Fe y CROSSCUT BY QTZ
22	SKARN y SULPHIDE FLOAT
23	PHROTITE FLOAT
24	MARBLE / QTZ
25	BARITE
26	BLACK LIMESTONE
27	QUARTZITE (GREY) CUT BY HIGH TEMP CALCITE
28	CITRINE QTZ
29	GARNETS IN QUARTZITE (HORNEL?)
30	SILICIFIED LIMESTONE (HORIZONTAL BEDDING)
31	CALCAREOUS HOTSPRINGS

AUG 8/95

1 - SUPER RUSTY GOSSANOUS FLOAT @ TOP OF TALUS 200m W OF 2 CLAIM POSTS (FLAGGED) FOLLOWED UPSLOPE 300m FINDING MORE SMALL BITS & PIECES FOR 100m

2 - QTZ VEINING @ 300m U/S 25m WIDE TRENDING 334° ~ 1/2" CRYSTALS. VEIN CUTS ~~BLACK~~ GREY DOLOMITE. DARK GREEN WEATHERING (NOT ABUNDANT). ALSO 1" WIDE CALCITE ± QTZ VEIN BRANCHING OFF @ 30° ANGLE

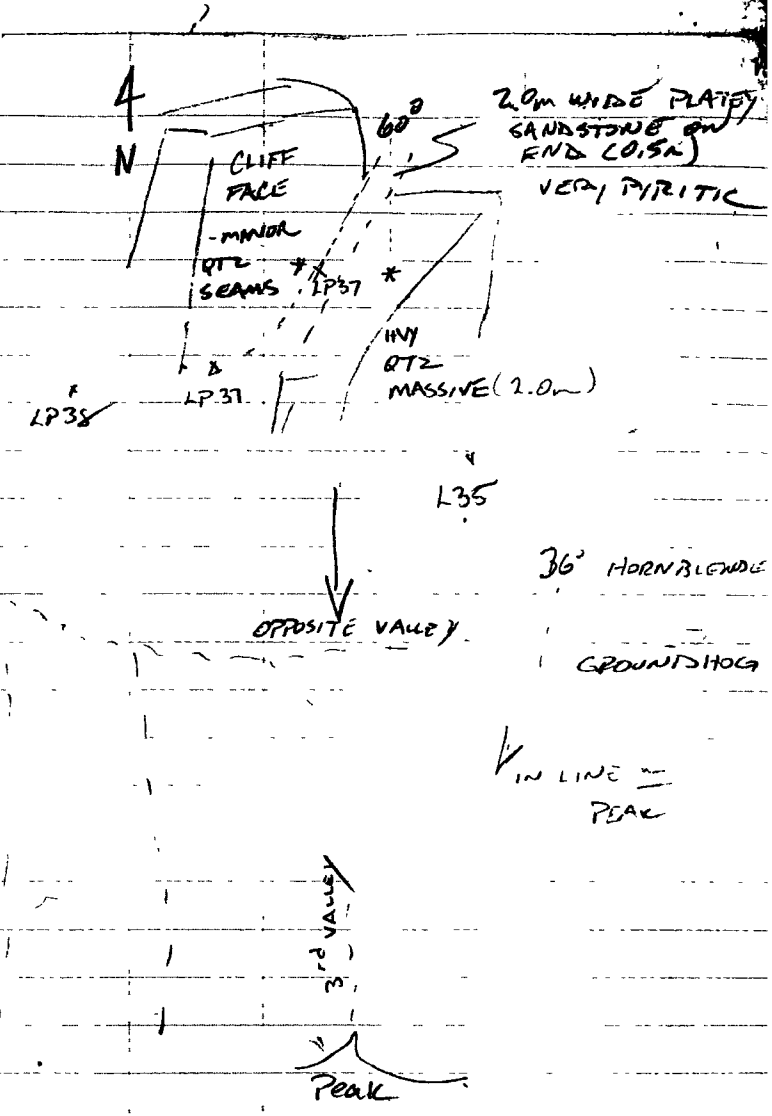
3 - HOE PIECE QTZ (WHITE) IN TALUS 100m W OF 2 30m U/S ~ MINOR CRYSTALS OF CLEAR QTZ & WIND DARK GREEN STAIN.

4 (LP35) LIMONITE (FAULT GOUGE?) IN GULLY SOME OF WHITE ROCKS OPPOSITE NORTH TRENDING VALLEY (3rd FROM MOUTH)

5 (LP36) GREEN WEATHERING QTZ, MASSIVE 2.0m WIDE DYKES MINOR CLEAR CRYSTALS

6 - (LP37) PYRITIC TUFF? LAYER BELOW QTZ SEAM MIXED ~ SAME PROBABLE LAYER 20m U/S -MALACHITE STAINED, PYRITIC TUFF ~ PLATEY SANDSTONE.

7 (LP38) SERICITE, QTZ, & COLUMNAR NEEDLES 100m W OF L37 & 50m D/S. SAMPLE FORMS LAYERS IN GREY DOLOMITE. FAIRLY EXTENSIVE (50m ±)



* QTZ CRYSTALS IN VUGS OF MASSIVE QTZ

* QTZ, SERICITE ~ MINOR Cu STAIN ABOVE LP37

16

8- LP 39 - GOSSANOUS; DOLOMITE - NO VISIBLE SULPHIDES - ALONG POSSIBLE LATERAL STRUCTURE 500 m ABOVE LOWEST TALUS IN GULLY LOCATED 200m ~~ABOU~~ U/S CONFLUENCE OF GROUNDHOG & 3rd (VALLEY CK

9- LP40 - GREEN → BLUEISH DYKE (GU') 1.0 → 2.0m WIDE TRENDS 310° APPROX OTHER SAMPLE 15' FROM HOST ROCK NEARBY TRACEABLE INTO GULLY, THEN DISAPPEARS 5% SULFIDES IN DYKE

10 GREEN HORNFELS FOR 100m ALONG SLOPE West OF LP40 AS FLOAT ALSO ± BLACK, STRANGELY FOSSILIZED? LIMESTONE (WORM ROCK)

EXT TRAVERSE IN GULLY @ END OF BROWN WEATHERING OR GOSSANOUS ROCKS ½ WAY UP MTN. on West END OR APPROX 400m EAST OF CREEK CROSSING ROAD

17

AUG 9/95

LV CAMP HDG SOUTH

" - OUTCROP ACROSS G. HOG CK DIRECTLY 400m SOUTH OF CABIN BLUISH QTZITE ± STRINGERS OF QTZ & MINOR Fe

12 - SIMILAR OUTCROP @ MOUTH OF SMALL TRIBUTARY 250m W

13 - LP41 - DARK CONGLOMERATE ± IRRADESCENT SHEEN @ MOUTH OF GOPHER HOLE @ 12. (FLAGGED). DARK BLACK CRUMBLY SHALE OVERLIES QTZITE RUBBLE

14 - 100m U/S LP41 = BLACK CARBONACEOUS SHALE ± MINOR QTZ, RUSTY WEATHERING & HYDROZINCITE? COATING (WHITE POWDER) PIECE OF ROUGH FLOAT HAS VEINLET OF PYRITE. 1.0m OF CONTORTED BEDDING 125m U/S LP41 BUT NO OBVIOUS INTRUSION / MINERALISATION.

15 - LP42 - GOSSANOUS CRUMBLY OUTCROP ON RB 75m U/S 14. HUY QTZ ALSO OCCURS NEARBY. PREVIOUSLY FLAGGED, 1-3 yrs OLD. < POSSIBLE QTZ IN FAULT ZONE, - CLAY (PATCHY) + ARKOSE ± ✓ QTZ, RUSTY QTZ OVER 3M AUG 30, 95 > ZONE TRENDS 290° ACROSS CK

18

16 (LP43) GOSSANOUS PHYLLITE BRECCIA. MINOR PB ? 1% SOME SMALL PIECE @ CENTER OF CIRQUE IN VALLEY BOTTOM 200 m ABOVE START OF GROUNDWATER

17 AREA 200 m E / U/SLOPE OF LP43 IS BASICALLY HORNFELS ± HVY QTZ VEINING IN ✓ AREA

18 (LP44) GALENA FLOAT 100m FROM CENTRE OF VALLEY AND 200m U/SLOPE LP43

19 (LP45) MINOR GALENA IN QTZ FLOODED BRECCIA(?) ALSO SMALL BLACK CRYSTALS IN 2 LARGER PIECES. APPROX 300m ABOVE LP44 IN GULLY. MORE GOSSANNY ROCKS ± OUT SULPHIDES AS FLOAT. SUPER HVY QTZ SEAM RUNNING UP GULLY

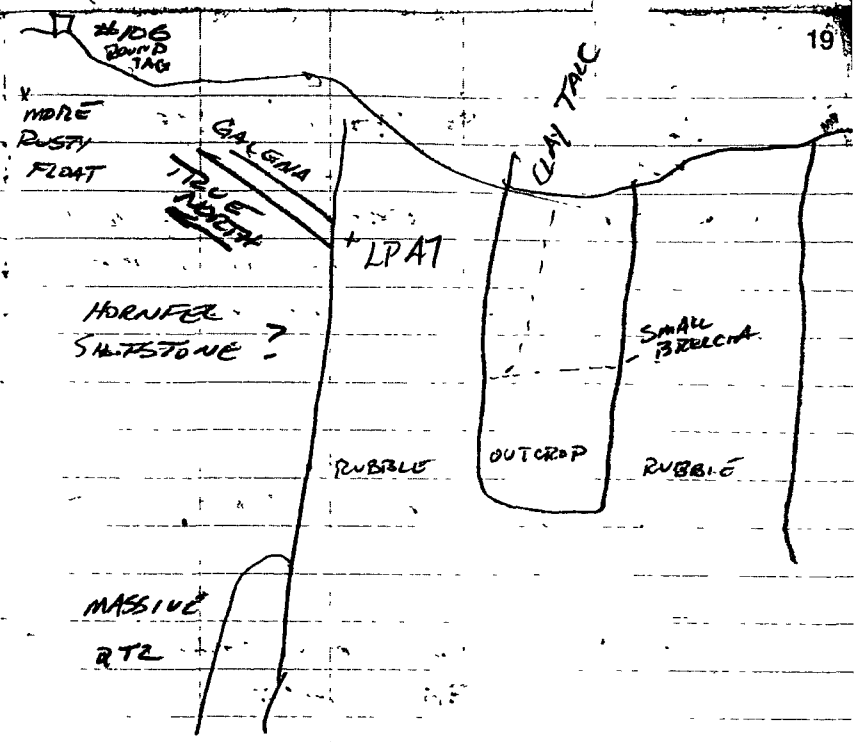
20 (LP46) GALENA IN VEINLETS THRU RUSTY QTZ 15 m EAST OF GULLY. 40m ABOVE LP45.

TRACED FLOAT TO SPUR @ TOP OF MTN APPROX 40 m SW OF HV CLAIM POST # 106

21 (LP47) GALENA VEINLET IN BEDROCK TRENDING TRUE NORTH. 90° DOR VERTICAL DIP

22 (LP48) GALENA IN TAN SILTSTONE? BESIDE LP47 AS FLOAT

+ TRACED RUSTY WEATHERED ROCKS (SOME ± PB) APPROX 250 m N OF LP48



19

23 (LP49) BLACK CRYSTALS IN QTZ IN GULLY @ N END OF RIDGE 400m N OF CLAIM POST. MORE FLAGGING IN AREA. SAME HOST ROCKS AS GALENA VEINLETS.

24 (LP50) GREENISH DYKE (FLOAT) 400m W OF L48 / 300 m U/SLOPE IN SMALL GULLY

4 CLAIM POST. DUE SOUTH OF CABIN ~ 300m ABOVE TREE LINE YA 99478 - YA 99481 (Rectangle tags) ORA LAYING DOWN ~ ORANGE FLAGGING - WEATHERED 4X4'S, RUSTY NAILS

AUG 10/95

- TRAVERSE W/ K. PELLETIER & NEPHEW RYAN. UP CREEK, THEN FAULT, THEN TO LP51, THEN DOWN NORTH RIDGE TO TRUCK.

26 (LP51) - GOSSANOUS FLOAT JUST E OF CENTRE OF VALLEY. MANY SMALL PIECES AS FLOAT APPROX 400m S AND 200 m W OF SHOWING.

AUG 11/95

27 - PHYLLITE FLOATS ENDS APPROX TREELINE

28 - QTZ FLOODED FLOAT IN DEPRESSION ON N RIDGE 100m FROM CIC @ TREE LINE FLOAT IS BRECCIATED DOLOMITE W/ MASSIVE & CRYSTALLIZED QTZ

29 - APPROX 7m OF QTZ FLOODED BRECCIA IN BEDROCK 15m BELOW LP050 IN GULLY. POSSIBLE FAULT?

DOES NOT APPEAR TO CROSS GULLY NO VISIBLE SULPHIDES.

30 (LP52) - WAVY BROWN FLOW BANDING IN MASSIVE QTZ ~ DARK SHINY CRYSTALS -> POSSIBLY REPLACED PYRITE OCTOHEDRA 3.0m SOUTH OF (LP50) + FLOAT ONLY & (ROUGH)

31 SMALL BAND (BEDROCK) OF QTZ & FLOODED BRECCIA 60% BROWN DOLOMITE, 40% QTZ @ TOP OF & W TRENDING RIDGE 250 m? N OF As VALLEY 3/4 WAY UP MTN. (Bedding Shows!) (LP53) RUSTY WEATHERING BRECCIA MINOR Pb (see sample) 3.0m SW OF 31 SMALL 1.0m TRENCH. - NUMEROUS RUSTY PIECES (NO MORE Pb) OCCURS @ BOTTOM OF 10' CLIFF (POSSIBLE TALUS)

32 MORE ~~RUSTY~~ GOOD RUSTY FLOAT MOVING SLOWLY TO As SHOWING. GOOD Pb PIECE 100m FROM As SHOWING

33 DARK SHEAR STRAINED OUTCROP 50 D/S & 50 m W OF As SHOWING SHEAR = 340° IN NORTH DIRECTION ie SMOOTHEST FEEL ON SLICKENSIDES - SLIDE RUNNING WESTERN (IP 54)

3f - MORE As as FLOAT OCCURS IN MINOR AMOUNTS IN 2nd GULLY 30m SW OF As SHOWING.

3e - Ag traceable as blebs on weathered SURFACES FROM SHOWING TO 10m BELOW STAKE # 106 @ TOP OF MTN = N 50° E 50m AWAY

36 # - GOOD SIZED 2 oz "NUGGET" FOUND APPROX 400 75m N OF As

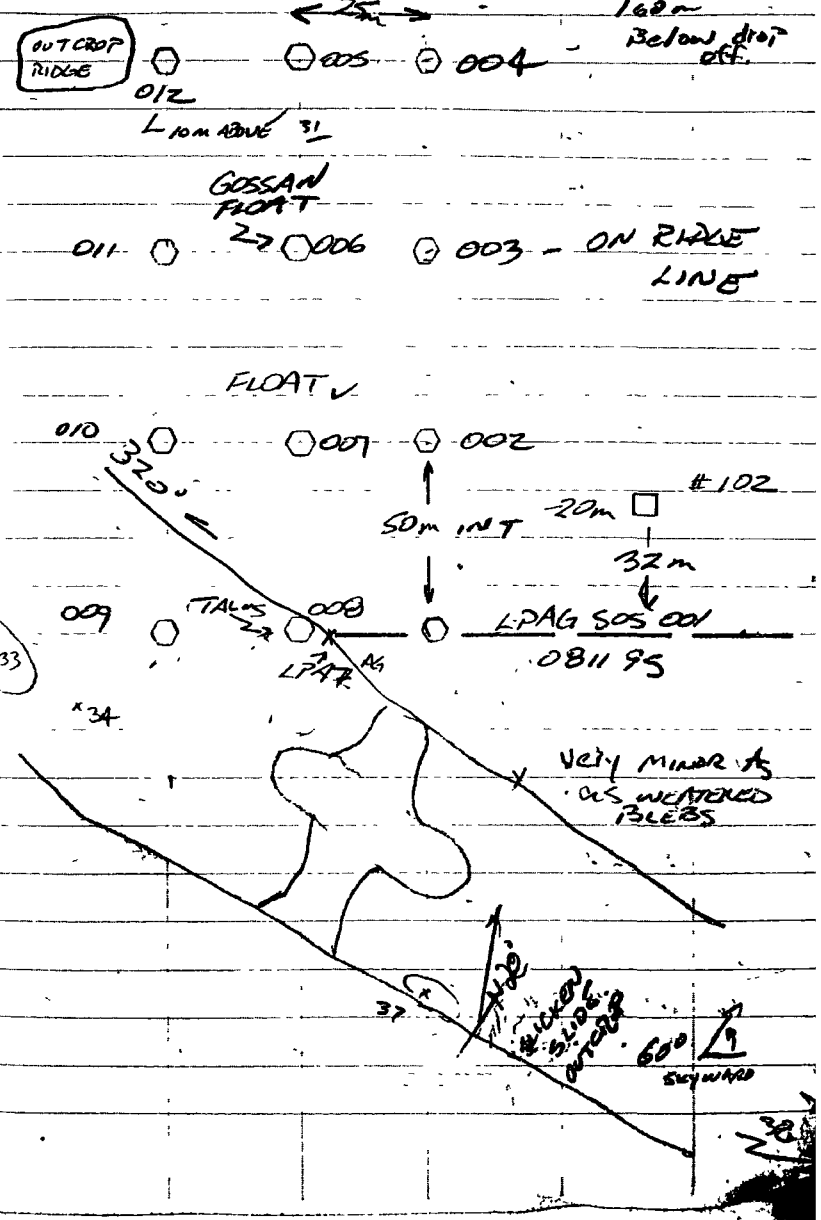
37 LIMONITE OUTCROP

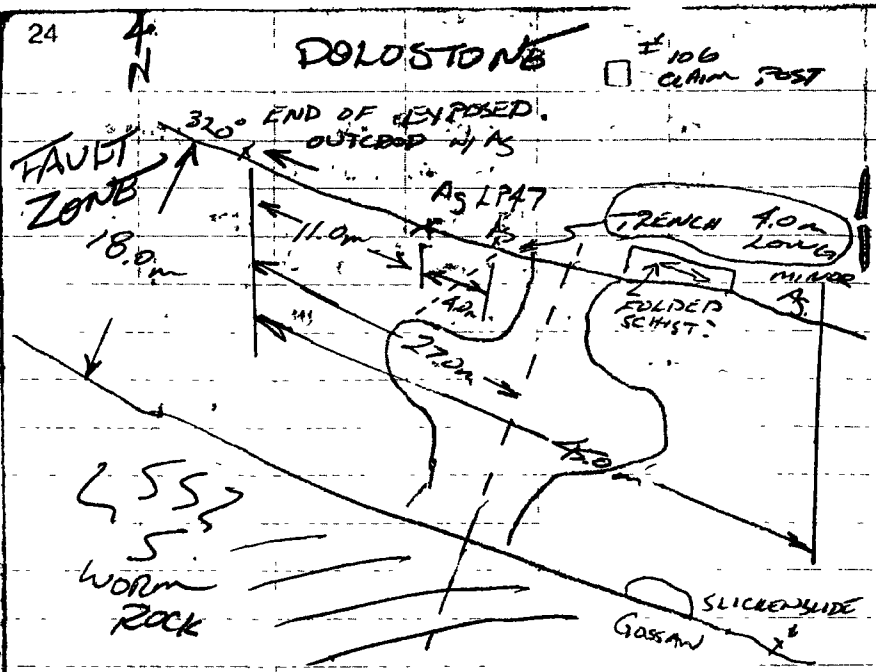
38 - POSSIBLE FAULT/SHEAR ZONE LYT ON OPPOSITE SIDE OF VALLEY 140° S OF SPUR, BASICALLY ALONG STRIKE DIRECTION. - RUSTY ZONE 10m x QTZ (MASSIVE) OVER 20m

34° SLOPE TO W FACING HILL @ As showing TRUE MEASURE @ 50m = 60m E/W

SOIL GRID AG505001-012

25 TRUE (30 HORIZ.)





AUG 12/95

39 (LP55) - GOSSANOUS FLOAT IN CRUSHED, BROKEN DOLOMITE MATRIX. NO QTZ APPARENT, FIZZES WELL EXCEPT RUSTY AREAS SHINY BLACK CRYSTAL SHAPES ± GALENA CURVATURE. LOCATED 50m OFF CENTER OF VALLEY 100m W OF LP43 ; 10m HIGHER - ON LINE ± FAULT @ AG SHOWING

40 - MASSIVE CALCITE FILLED BRECCIA BOULDERS ± OUT RUST 2.0m ABOVE 39

41 - OTHERA FLOAT HAS SIMILAR RUSTY BLACK WEATHERING BLEBS LIKE THOSE FOUND NEAR AG SHOWING BUT NO SULPHIDES APPARENT. VERY SIMILAR!

42 - 3' SLAB 30% RUSTY CALCITIC BRECCIA * POSSIBLE VEIN SYSTEM * 100m STRAIGHT UPSLOPE LP55 - LOOKING 129° E TO AG SHOWING

43 - MASSIVELY BANDED COCKADE CALCITE BOULDERS 20m NW OF 42 UP TO 2" BANDS - 25m S OF SMALL GULLY

44 (LP56) COCKADE CALCITE @ BASE OF OUTCROP NEAR GULLY - IMPRESSIVE 1'x1½' SIMILAR PIECE @ SAME LOCATION

CHIMNEY

45 IN BEDROCK FACE, THE VEINING APPEARS ⊥ TO TREND 310° W ALMOST 90° VERTICAL PLUNGE. ONE SMALL 2" BRECCIATED ZONE RUNS ⊥ TO IT ON A HORIZONTAL PLANE. (LOOKING 128° @ AG SHOWING) ZONE APPEARS TO EXTEND APPROX 15m IN WIDTH

45 cont ... TO GLOVE, BUT THEN FOR SOME REASON IS UNTRACEABLE, EVEN AS FLOAT.

46 (LP57) ODD WEATHERING QTZ MT SKUKUM STYLE? CHECK FOR AU. LOOKING 40° NE @ CABIN, 144° @ As SHOW. FLOAT @ EDGE OF REDDISH WEATHERING ROCKS.

47 (LP58) PLATEY CLEAVAGE GREENISH ROCK w Fe CRYSTALS 75m U/S LP57 & 10m S. MORE COMPETANT APHANITIC GREEN DYKE w 10% Fe @ OCTAHEDRANS OUTCROPING JUST BELOW. STRUCTURE TRENDS ROUGHLY 300°, DIRECTLY IN LINE w As FAULT. ODD WHITE PPT ON DOLOMITE AS FLOAT HERE = LP58

48 As style gossan float 20m N, 5m U/S TOWARD ROAD - TRACED U/S ALONG

49 ROAD CUT. ALSO APPROX 100 BELOW CLAIM POSTS.

49 4 CLAIM POSTS NEAR MTN TOP YB 01243 - YB01246 LOCATED: LOOKING 330° @ BRAIS NO.; 42° @ CABIN

50 (LP59) CHIP SAMPLE ACROSS 3 HAMMER LENGTHS. HARD TO DO A GOOD SAMPLE. SOME GALENA OCCURS AS 1' BLEBS AN INCH THICK QTZ SO.

NOT SAMPLED ⊥ TO VEINLETS - AND HAPPENED ALONG "BLEB". EST OVERSAMPLE GALENA BY 25% + 25% (BLEBS) MORE

51 - SIGNIFICANT QUANTITIES OF GOSSANOUS FLOAT @ END OF CAT TRAIL OVER 20m, PERHAPS 2%

52 - VEINLETS OR FRACTURE SETS TREND TRUE NORTH. BEDROCK IS VERY WEATHERED AND CRUMBLY (LOOKS 140° @ As Showing) 40° @ CABIN

53 * VMS? FROM HERE, NOTICED 2 PATCHES OF SUPER RUSTY GOSSANS APPROX 1.5km SE OF CABIN on VALLEY FLOOR. S FACING SIDE OF 200m RIDGE 200m S OF ROAD.

54 - (LP60) FELSIC DYKE? OUTCROPPING ON CAT TRAIL 150m U/S END @ LP59 APPROX 20m WIDE?

55 – (LP61) 2pcs GOSSANOUS FLOAT FROM BOTTOM OF CAT TRENCH HDG 240° FROM 4 CLAIM POSTS / 250m @ SAME ELEV. GOSSANOUS FLOAT NOT ABUNDANT. QTZ ± Fe 10m U/S SMALLEST PIECE CONTAINS VISIBLE Pb.

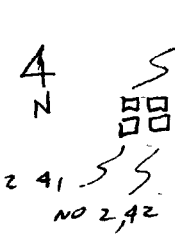
56 (LP62) PURPLE STAINED QTZ BRECCIA - MINOR COPPER/GREEN SHEEN CONTINUING AROUND MTN APPROX 400m FROM LP61 JUST SOUTH OF SMALL GULLY @ CAT TRENCH. 6 N TRENDING (19°) MASSIVE QTZ DYKES @ TOP OF GULLY. 5% GOSSANY MATERIAL IN TRENCH BUT NO VISIBLE SULPHIDES

57 ANOTHER CAT TRENCH 100m U/S THIS HDG E NO VISIBLE SULPHIDES, NO READILY AVAIL. SULPHIDES, BEDROCK IS A MED. GRAINED IGNEOUS OR SILICIFIED MAFIC.

58 100m S OF 56 @ SAME ELEV. = MASSIVE QTZ AREA 20 x 10m. THEN 15 M S = CAT TRENCH EXPOSING 5m GOSSAN SIMILAR TO LP55. OTHER NOTABLE ROCKS ARE SILICIFIED QTZ BRECCIA ± VARYING CLAST SIZE

59 100m U/S 58 = 2 EMPTY DRUMS ON TOP OF MTN.

60 20m S OF 59 = 4 CLAIM POSTS + 1 BUNDLE LATHE. YB01241 – YB01244



LOOKING 100°@ AG SHOWING, 300°@ BRIDGE OVER SOUTH CANOE.

61 – SLICKENSLIDE FLOAT (SILICIFIED) 20m S OF CLAIM POSTS.

62 (LP63) GOSSANOUS BEDROCK – WEATHERED BRECCIA ZONE IN ROCK SIMILAR TO AG SHOWINGS. ZONE TRENDS ROUGHLY TRUE N LOCATED IN CAT TRENCH @ EDGE OF CIRQUE LOOKING 82° E @ AG SHOWING (IN LINE N/S w LP59?) PRETTY CLOSE ✓

63 – 1" WIDE VISIBLE AG 10m SE ALONG CAT TRENCH. (IN BEDROCK) STEEPLY DIPPING, N TREND ?

FOR 18, 19

HAND TRENCHES

64 (LP 64) 2" WIDE GALENA VEIN TRENDS 230° W 20m SE FROM 63 ALONG CIRQUE

65 - VENLETS OF GALENA OVER 3" 1.0m N OF LP64

66 - (LP65) MALACHITE STAINED QTZ ± MINOR GALENA OVER .2m 10m S OF LP69. (BEDROCK)

ALL ABOVE VEINS ⊥ TO EACH OTHER

- APPARENT N TRENDING 3" QTZ SEAMS

67 - MORE SLICKENSIDE FLOAT 75m FROM 66 ALONG CIRQUE, N TRENDING SLICKENSIDE OR SIMILAR FABRIC ON LEDGE 5m BELOW TOP.

68 - 1GE INTERBEDDED CALCITE SEAMS ALONG FACE 30m E OF 67

69 (LP66) ODD WEATHERING SUCKER. MINOR MALACHITE STAIN NEARBY. 20m FROM TOR @ CENTRE OF VALLEY

70 - MORE SMALL GOSSAN FLOAT NEAR (LP51) APPEARS TO BE GENTLE ANTICLINAL FOLDING @ THIS LOCATION. IN BEDROCK

71 - MORE QTZ & MINOR GOSSAN FLOAT 50m D/S TOWARDS AG SHOWING.

72 SMALL 10m WIDE N TRENDING GULLY 50 MORE m D/S ± SOME QTZ & GOSSAN MATERIAL PERHAPS RUSTY WEATHERING BLACK SHALE? IS IN CENTRE OF GULLY 1.0m WIDE

73 50m SW OF AG SHOWING = QTZ BRECCIA ZONE (N TREND) X 2 THEN 5m CLOSER IN GULLY = WORN ROCK

74 (LP67) FROM BOTTOM OF TRENCH @ AG SHOWING = CLAY GOUGE - PROBABLE FAULT ZONE.

75 - CHECK 1.0m GOSSAN APPROX 30m FROM TOP ON E SE SIDE OF CIRQUE

- SPRAINED ANKLE 1/2 WAY DOWN 60 LB PACK (ARGH!)

AUG 13 / 95

PACK UP CAMP / RET: HOME

32

SAMPLES SENT FOR ANALYSIS

~~LP~~AG SOS 001 - 012		Pb
LP 35	- FAULT GOSSAN?	Au + 30
LP 37	- PYRITIC TUFF	Au (NO SPARE)
LP 40	- GREENISH DYKE 5% SULFIDES	Au + 30
LP 42	- HARD GOSSAN	Au + 30
LP 43	- GOSSAN BRECCIA	Pb
LP 47	- BEDROCK Pb	Au + 30
LP. 51	- GOSSAN	Pb
LP 52	BROWN BANDED, PYRITIC QTZ	Au + 30
LP 53	BRECCIA: MINOR Pb	Au + 30
LP 55	GOSSAN BRECCIA	Pb
LP 56	WIERD QTZ WEATHERING	Au
LP 58	WHITE PIT ON SILICIC MARBLE?	Au + 30
LP 59	CHIP SAMPLE (Geocher)	Au ~~+30~~ * HIGH GRADE
LP 62	PURPLE STAINED QTZ BRECCIA	Au + 30
LP 64	2" GALENA VEIN (Geocher)	Au ~~+30~~ * HIGH GRADE
LP 65	Cu QTZ VEIN	Au + 30
LP 66	BLACK WEATHERING QTZITE?	Au + 30
LP 67	CLAY FAULT GOUGE	Au + 30

33

TUNGSTEN ROAD

TRAVEL ~~White~~ → Watson Lk AUG 24

LV WATSON LK 0800 (AUG 25)

ARR DOLLY CAMP 1102

Help PHIL " + BOOST on ROUTE.

TRAVERSE ALONG ROAD FROM CAMP TO

TR 6d 400 m OF BARITIC BLACK LIMESTONE.

HVY CALCITE/MARBLE ZONE 50m WIDE @ BASE LINE.

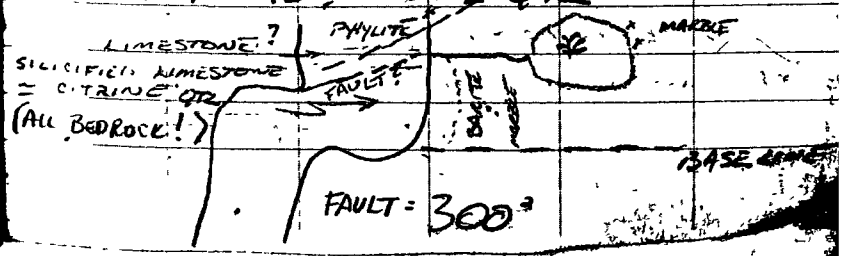
(TR RCS 031) - @ 6d - RUSTY WEATHERING BLACK LIMESTONE

→ (TR SOS 017) 082595 - 4m odd GREEN WEATHERING SOIL IN DITCH @ CUT 100 m E OF BASE LINE

(TR SOS 012) - SEDIMENTS ON FLOOD PLAIN 3.0m ABOVE DOLLY CK @ BOTTOM OF CK DRAINING SWAMP NORTH OF BARITE.

(TR SOS 010) - SAMPLE BARITE DEPOSIT.

COMBO OF BARITE + MARBLE = QTZ!



(TR RCS 032) RUSTY WEATH. LIMESTONE (SILICIFIED) CUT BY CALCITE VEIN + SMALL QTZ STRINGERS - NEAR MINOR FAULTING ; 5m N OF ANTICLINE

(TR RCS 033) = TOP OF ANTICLINE

- 20m D/S ANTICLINE = 10 more Metres OF BARITE (CALC SILICATE BEDROCK EXPOSURE)

(TR RCS 034) - BARITE IN BEDROCK (BINGO!) 50 m D/S ANTICLINE = MULTIPLE Barite veins, apparently swelling up to .30m (MINOR MARBLE NEARBY) quickly pinching out in calc silicate bedrock. Minor Cu & MALACHITE STAIN. THESE VEINS CONTINUE IN VARYING AMOUNTS IN BEDROCK FOR 30 more Metres D/S

VEIN = 150° STRIKE 70° DOWNDIP

~~MOVER~~ 20m exposed = .25m WIDE → 0.0m @ TOP OF OUTCROP * NOT FLAGGED *

(TR035) - POSSIBLE SLICKENSLIDE @ WATER'S EDGE 5-7m Below FLAGGED "HORNFEL", MINOR Cu stain in crevice. No Apparent Breccia Zone. Bedrock HERE IS POLISHED BABY SMOOTH! (AS AWAY FROM FLOOD)

TRENDS 320°V, 20° DOWNDIP (APPROX)

- END ? OF CALC SILICATES 30m D/S TR35 OUTCROP BLACK LIMESTONE = CALCITE VEINLETS

(TR 14)

- (J "FLAGGED HORNFEL" HOG Nose 30m INSHORE = CALC SILICATE, 20 MORE Metres INSHORE = FIZZING BLACK LIMESTONE. THIS AREA IS CHARACTERIZED BY E/W TRENDING UPLIFTED OUTCROP RIDGES 1.0-2.0m HIGH.

- Ref DOLLY CAMP ZIG ZAGGING ALONG MARGINS OF SWAMP. 3 or 4 small OUTCROPS VISIBLE. 150m NW. 0400: COMPETANT, BLACK SHALE (BEDDING NO LONGER VISIBLE)

(TR036) - RUSTY SHALE ½mi U/S DOLLY CAMP GOING U/S (Badlock Minor QTZ stringers)

(TR 037) BLOCKY PHYLITE 20m U/S TR36

25m QTZ VEIN + GREEN SILICATE + QTZ

STRIKE 300° 30° DIP

- 75m inshore = more E/W TRENDING 3 QTZ VEINS

TR 37 = 20 min HIKE U/S DOLLY BRIDGE

Ref Camp 2000

AUG 26, 1995 (U/S RUSTY SWAMP) RB

(TRSTS 013) - 5 min WALK U/S ROAD @ FRENCH CK - CONTORTED PHYLITIC SHALE (GREY) PETRIFIED WOOD APPEARANCE

100' ABOVE CK on RB 10 min U/S (TR STS 013)

(TRSTS 014) - 15 MIN U/S TRSTS 013. 8" DOLLY IN POOL 5 MIN ↓ BEAVER POND

(TRSTS 015) 5 MIN U/S POND @ 15 U/S (95 14)

10m U/S OF SLOUGH.

- BANK (RB) SLUFF, OUTCROP OF THINLY BEDDED SLATES. SILICIFICATION OR "BAKING" NEAR BOTTOM. MINOR MARBLE ALSO PRESENT IN 1" BANDS STR N 20° DIP 5°

TRSTS016 - 20 min SW OF TR015 @ HEADWATERS OF SMALL CK (STS005) - SMALL 1" WORKINGS @ SITE

TRSTS017 - 7 min S OF STS 16 IN FLAT MUSKEG AREA ROCKS IN POOLS CONSIST OF 70% QTZ FLOODED ANGULAR BRECCIA. "MUDDY" SAMPLE. NO WATER FLOWING @ THIS TIME - POOLS

TR RCS038 - QTZ FLOODED ANGULAR BRECCIA IN POOLS @ STS017. 4 min WALK TO ROAD(S) →600m W FRENCH CK

TR RCS039 - PYRITIC QTZ ± SPHALERITE ? IN GRAVEL PIT FROM CK Red camp PARK TRUCK NR STS 010

TR RCS040 - HUGE ZONE OF QTZITE. - SAMPLE JUST BELOW TR SOIL 010. RUSTY WEATHERING = DRUZY QTZ + MINOR MALACHITE STAIN. ALSO "VUGGY" (BOTTOM RUBBLE PILE NR FLAT BENCH (50m ↓ TOP)

½ - WATER FALLS @ DOLLY CK. 100m U/S FALLS = THINLY BEDDED SLATE THRUST OVER QTZITE UNIT. < STR = 310° DIP 40° > QTZITE UNIT → 400m+ D/S

TRRCS041 - ZONE OF CONTORTED ± RUSTY WEATHERING PHYLITE. .10m WIDE QTZ ± CALCITE/a DOLOMITE VEINS. MINOR Fe IN QTZ. 50m U/S ½ ABOVE

2 - MORE QTZITE 30m U/S RCS041 (1m WIDE)

2 - 30m U/S 2 = WHITE DOLOMITE @ WATER EDGE

- END @ BUFF LIMESTONE 400m D/S @ 100 Red TRUCK

554 - 273

4 - HEAD OF PREVIOUS CAMP ROAD 1.9 km TO CLEARING

Bedrocks include; BLACK MUDSTONE, MINOR TUFF, SILICA BRECCIA, MINOR QTZ

TRSTS018 1.0 km D/S FROM 4 - ODD RED OXIDE COATING ON QTZ/SLATE ROCKS IN STREAM

AUG 27 / 95

TRAVERSE U/S SMALL CK JUST E TRGd (500m E)

- 5 MIN U/S ON RB = OUTCROP GREY SANDY LIMESTONE (MINOR Bx ") OVERLYING SANDSTONE. BEDDING NOT RECOGNISABLE BUT MASSIVE FACE = 340° STR 80° DIP

POSSIBLE BEDDING = TRUE NORTH 0° 40° DIP

5 MIN FROM START = 300m x 100m Beaver Pond

ALL VISIBLE ROCKS/OUTCROPS = SANDSTONE, SO FAR

- ANOTHER POND & SHARP WEST HAIRPIN TURN 30 MIN FROM LAST ROAD OUTCROP ABUNDANT → SANDSTONE, PEAKS 230°, 130°

TRSTS019 100m+ W OF POND (3) IN CASCADING STREAM AROUND HAIRPIN BEND FACIES CHANGE TO SLATE/PHYLITE @ THIS LOCATION. STR @ (ARROW) DIP But

4 - BLACK LIMESTONE 20m D/S - SMELLS LIKE BENZENE

APPARENT CONTACT / FACIES CHANGE HERE

SANDSTONE → LIMESTONE → SECOND BASIN

(30 MIN WALK TO TRUCK)

38

TRRCS042 - HOST SANDSTONE FOR Ba VEINS (TR 34)
@ LEAST 6 SIZEABLE VEINS Ba OVER 30m ALONG CK
2 MORE PLACER Ba U/S. TOTAL PLACER Ba
= 3 DEPOSITS 1 TON, 3 TONS, 1 TON
172 PACES FROM LAST Ba VEIN → 0400
UP CAMP 2040 39.8 - 42.6 Pegmatite/c - 43.2 CK
TRRCS043 - SOUTH QTZ VEIN } 85 m APART @ Km
TRRCS044 - NORTH QTZ VEIN } 28 CAMP ROAD
TRSTS020 - @ Km 3.4 ON ROAD - SWAMP!
TRRCS045 - GRAB SAMPLE BELOW OUTCROP OF
SLATEY PHYLITE CUT BY 1' INTERBEDDED ⊆ QTZ.
RUSTY QTZ IN PHYLITE = PHACELITE?
TRSOS019 - 25m INT° NEAR TR6d (=25m E)
SOS020 - @ TR6d
SOS021 - 25m W

AUG 28, 1985 LV CAMP 1100
ARR RCS037 - 20min WALK N OF CAMP
- 5min = THIN SLATE, NO QTZ (SAME STR, DIP RCS37)
- 75m U/S BEDS ARE CURVED! PARTS CONTORTED (SAME STR, DIP)
- 30min FROM ! HIGH BLUFF ALONG DOLLY CK → THIN SLATE (SAME ↑ Bed)
Qbloclite w/ QTZ 100m DS 3 @ GRAVEL BAR
- 50m ALONG BLUFF = HVY QTZ, THEN SMALL BEDS OF
GREYWACKE 42mm IN JUMBLED BEDDING W SLATES

39 (25 DAYS AWAY)

- GOOD BEDDING EXPOSURE 10m U/S. THIN BEDS
GREYWACKE = (3m) QTZ ON TOP BETWEEN SLATEY PHYLITE LAYERS
STR N80° DIP 32°
RSTS020 - TINY CK (SPRING) CUTTING BEDDING IN STEEP TERRANE
75m ABOVE DOLLY CK (20% ORGANICS) SLATE ROCKS
? SMALL CK 15 MIN S FROM STS020 - 90% ORGANICS (NOT SAMPLED)
50 MIN RET WALK FROM STS020. → NO TUFFS OR VOLCANICS!
TRRCS046 - CALC SILICATE (MINOR Fe) @ TR6d
047 - TUFF ALONG DITCH 100m E 0400
048 - MARBLE ? IN FEILD LIMESTONE 100m W 0400 (ON BEDROCK)
TRSOS022 - RUSTY SOIL, MARBLE BEDROCK, ROCK CHIPS 160
023 - MARBLE, QTZITE BEDROCK NR SWAMP 60
024 - RUSTY SOIL @ OUTWASH NR SWAMP EDGE (SANDY MATERIAL) 30
025 - ROCK CHIPS, PLATEY SILTSTONE BEDROCK 50
TRSOS026 - QTZITE/SANDSTONE? @ SOS020 (IE MARBLE AREA)

LV CAMP 1030 1km E OF KING CK: CALC SILICATE ROCKS (ALONG ROAD)
GROUNDHOG CK
- CLAIM POST NO.1 YB01247 300 m ABOVE 1st TRIB
VALLEY BOTTOM 15m W OF TRIB. ↓ 99 PG 26
- ORANGE BW / SIDE IN BRUSH + FLAGGED
- NEXT TRIB W OF 1: VEIN GOSSAN FLOAT 10m W OF 2nd TRIB
TRIB ½ WAY UP MTN - LOST TRACE LP60 (NO SAMPLE)
LPRCS HVY PYRITE CUBE BRECCIA ½ WAY UP
4th TRIB LOOKS DOG GUESS LP61

↳ MINOR RUSTY SULPHIDE

LP RCS 70 - 9T2 FLOODED DRAINAGE 400m NW OF LP56

79 - MORE GOOD GOSSAN 300m E OF LP116 50m LOWER 50m W OF TRIB. RUNNING N. (3rd) 10m Below OUTCROP

80 - NO2 POST YB 01245 300m D/S YB 01247

81 - NO1 POST YB 01246 30m D/S 5m W CACHED

82 - DRIVING IN, 400m 500m W OF CLAIM ☆ APPROX 100m W OF PYRITIC BOULDER = RCS071 IS 10% IRON GLOBS IN CHERT ☆ ARENITE. RCS072 RUSTY, SILICEOUS FLOAT - BOTH FOUND SIDE BY SIDE IN N. DITCH

AUG 30, 1995 LV CAMP 1200

83 - 15m D/S LP92 IN CK BED = LP RCS 73 - FELSIC 1 ft³ ROCK (med rounded) = OCTAHEDRA PYRITE 10%+

84 - TRAVERSING N→S AROUND CIRQUE, PICKED UP POSSIBLE 'CHIMNEY OR MANTO EXTENSION' IN BEDROCK 5m N OF GULLY 25 m N AND 10 m BELOW LP56 - OVER FAIRLY WIDE AREA (5m) MORE LINEAR ☆ FOLLOWING BEDDING STEEPLY DIPPING - TRENDING N.

85 - MORE MASSIVE MANTO MATERIAL 10m U/S 84 5" BANDED

86 - 25m DUE S = LP56 - Re-sampled - ZONE EXTENDS 50m UP CLIFF FACE - NO PARTICULAR DIRECTION - NO RUST!

87 - SAMPLED LIGHTLY RUSTING ADJACENT WALL ROCK FOR POSSIBLE As. LP RCS 74

100m ↑ TREELINE, 30m E OF RIDGE

POST NO.2 — POST NO.1 — 30m S & 15m D/S

NO 1 — NO.1 — FAULT ZONE

"FUSS" — "FUSS"

AUG 30 — 1500 L

1995 — 1800 PST

— AUG 30, 1995

T. TARBENAULT — TARBENAULT

81 SLICKENSIDE FLOAT + SILICIFIED FAULT ZONE? 100m S AND 50 D/S on RIDGE. POSSIBLE NEW ☆ FAULT OR MORE LIKELY EXTENSION OF KNOWN ONE

81 MINERS POST #106 60m S TO COVER FAULT

LP 46 — 4 — N — × RCS 75

LPAG 505013 → CLAYEY SOIL

014 ×

15m INT RUNNING SOUTH — 015 □ → NO. 1 — 016 ×

☆ CLAIM POST

92 RCS 75 25m N OF SOIL GRID - RUSTY BRECCIATED DOLOMITE "FLOAT ONLY" Bedrock 6m N ALONG SCARP, 30m+ WIDE N-TRENDS, STEEPLY DIPPING

@LP49

91 - (LPAGSOS 017, 018) - 2 SOIL SAMPLES IN GULLY CROSSED BY HWY QTZ ± FAULT. 3400m S OF POST "FUSS" NO 2 ON RIDGE. - 3m WIDE ALTERATION ZONE N' TRENDING QTZ VEINING. OVER 10m

AUG 31, 1995 : LV CAMP 1300 (SNOW & MTNS

TRAVERSE UP CK THRU WAY CLAIMS - STRONG FOLDING, QTZ VEINING, POSSIBLE FAULT ON HIGH RIDGE

92 - (LPSTS 009) - CK DRAINING TARGET AREA - 500m ABOVE VALLEY - 50 MIN WALK FROM "GAY" CK ROAD, - FAIRLY "CLAYEY" SAMPLE

93 - (LPRCS076) - FINE CUBED PYRITE (10%) IN POSSIBLE CLAY GOUGE ± VEINLET CALCITE + MINOR MALACHITE IN QTZ VEINING 3m BOULDER IN GULLY 100m ↓ LGE RUBBLE PILE ½ WAY UP CK (OR SILTSTONE)

94 MAL + AZURITE STAINED FLOAT IN QTZ AND CALCITE FLOODED (90%) BRECCIA FLAGGED (30m FROM TOP)

95 - 3m D/S 94 = 2" VEINLET MALACHITE STAINED GALENA IN GREY QTZ FLOODED DOLOSTONE 3m TABULAR BOULDER in Bed

96 - MORE 95 100m D/S 95. TETRAHEDRITE VEINLETS IN QTZ

97 - MORE MINOR (1" BLEB) Cu stained TETRA IN QTZ ROUGH BOULDER 25m D/S

98 - MORE FLOAT MINOR Cu IN QTZ 50m D/S 97. √ 4 MORE!

(LPRCS 077) → QTZ BRECCIA 2" WIDE 10% TETRA! GOOD FLOAT TRAIN

99 - GREAT STUFF. 10m D/S, 2m E 78

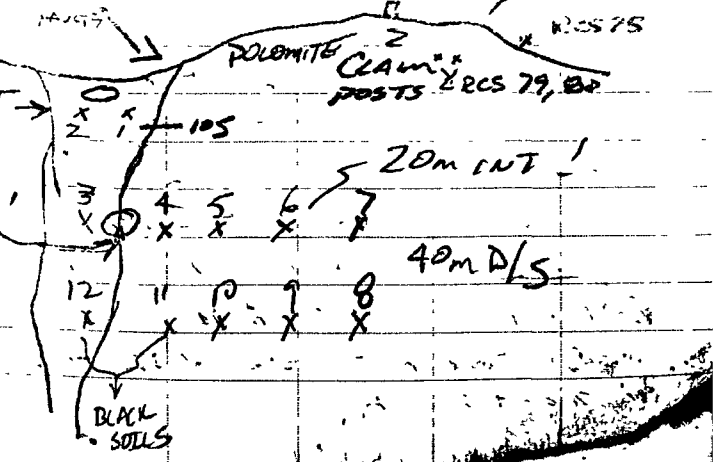
100 - BINGO! FLOAT N BEDROCK ON QTZ STRINGERS OVER 2.0m+ WIDTH

101 - TRAVERSE UP SUMMIT OF GULLY & DOWN, THEN EAST TO END OF RIDGE (800m). RIDGE IS RIDDLED ± NUMEROUS QTZ VEINS, ± MINOR GREEN (MALACHITE?) STAIN FLAGGING ALONG N/S STAIN ZONE ON N. SLOPE. QTZ VEINING APPEARS TO EXTEND 2 km N EXPOSED ON RIDGE.

102 (LPRCS 078) 1.5m CHIP SAMPLE ACROSS WIDEST QTZ VEIN @ TOP 200m E OF CLAIM POSTS (NOT TAGGED)

103 - (LPRCS 079) 1.0m CHIP SAMPLE 100m E OF 102 SHOWING. TRUE NORTH TREND 85° DIP MULTI BEDDED VEINS OCCUR HERE OVER 3.0m THIS AREA HAS BLACK OXIDE COATING ± MALACHITE.

104 - (LPRCS 080) - YELLOW / RUSTY BRECCIA & QTZ 3.0m - NOT FLAGGED W/ OF LP79 IN TALUS 20m W OF POSTS, & 25m D/S SLICKENSIDE TRENDING 3/2° (HARD TO SAY - MIXED 130° ALSO MAYBE) 15° PLUNGE 25m ↓ WEATHERED OUTCROP (@ TOP GULLY) ON E SIDE



106 (LPRCS081) 1m CHIP SAMPLE DOWN-WARDS AGAINST or 1 TO ZONE. HIGHLY VARIABLE QTZ VEINING ; 1% MAL. STAIN HERE

107 (LPRCS082) BELOW (081) IN WEATHERED BEDROCK 0.5m SAMPLE. 5m E OF FAULT & BEDDING CONTACT. Best FLOAT NEAR TALUS, BUT VEIN BURIED UNDER TALUS.

108 - GOOD QTZ BRECCIA 15m E OF 107 & 5m D/S 0.10m WIDE ± PATCHY VISIBLE TETRA (2%)

109 - MORE GOOD TETRA 1.0m W OF 108, OVER .10m = 2m 3% VISIBLE PATCHES.

45 MIN RET WALK w/ HVY PACK FLAGGED TRAIL TO TRUCK

SEPT 1 1995

[illegible] (LP68) 50m ↑ TRAIL, 10m W OF GULLY, LOST TRAIN 50m U/S

111 - STAKED FUSS NO 2-5 B KREFT STAKED ROB #3 AUG 31. POSSIBLE MINOR CONFLICT W FUSS NO 4

112 - WALKED OVER TO AG SHOWING. GOOD SLICKENSIDE IN BEDROCK AS PER (LP54)

113 (LPRCS083) CHIP SAMPLE QTZ VEIN IN FAULT IN HAND TRENCH (OVER .50m QTZ)

114 (LPRCS084) - BLACK WORM ROCK (SILICIFIED) 60m D/S AG SHOWING

115 GOOD SLICKENSIDE @ 114 N 330° 20° DOWN DIP → VALLEY & SHEAR 90° FACE Feels SMOOTHEST GOING SOUTH BUT HARD TO SAY FOR SURE (LPRCS085) - MASSIVE 2m+ QTZ VEIN IN GULLY BELOW 115 (FOR'N)

(LPRCS086) - PURPLE STAINED [illegible] D/S FACE IN GULLY NR LOWEST OUTCROP QTZ EXPOSURE. POSSIBLY [illegible] IN & QTZ EXPOSURE

[illegible] CAMP PACK UP [illegible] HOME!

(.68)

2

MON OCT 2 RENT ATV (USED $)

PACK UP - ARRIVE GROUNDHOG

CABIN @ 2200

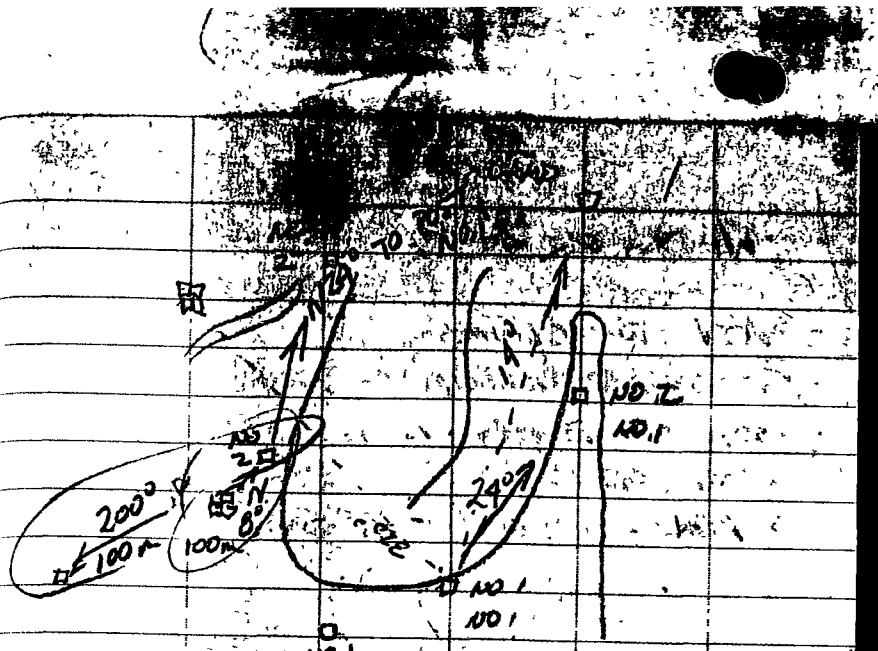
TUES, OCT 3 - ATV TO LPAG

POST NO.1
NO.1
"FUSS"
NE
1500' R
OCT 3
1995
T. ARSENAULT

POST NO.2
NO.1
"FUSS"
OCT 3
1995
T. ARSENAULT

POST NO.1
NO.2
"FUSS"
SE
1500' R
OCT 3
1995
T. ARSENAULT

POST NO.2
NO.2
"FUSS"
OCT 3
1995
T. ARSENAULT



STAKE FUSS NO 1 ; NO 2

CLAIMS, 2" SNOW ON MTN - ROAD DRIFTED IN - IN PLACES.

- TRENCH SOME MORE @ LP 4C

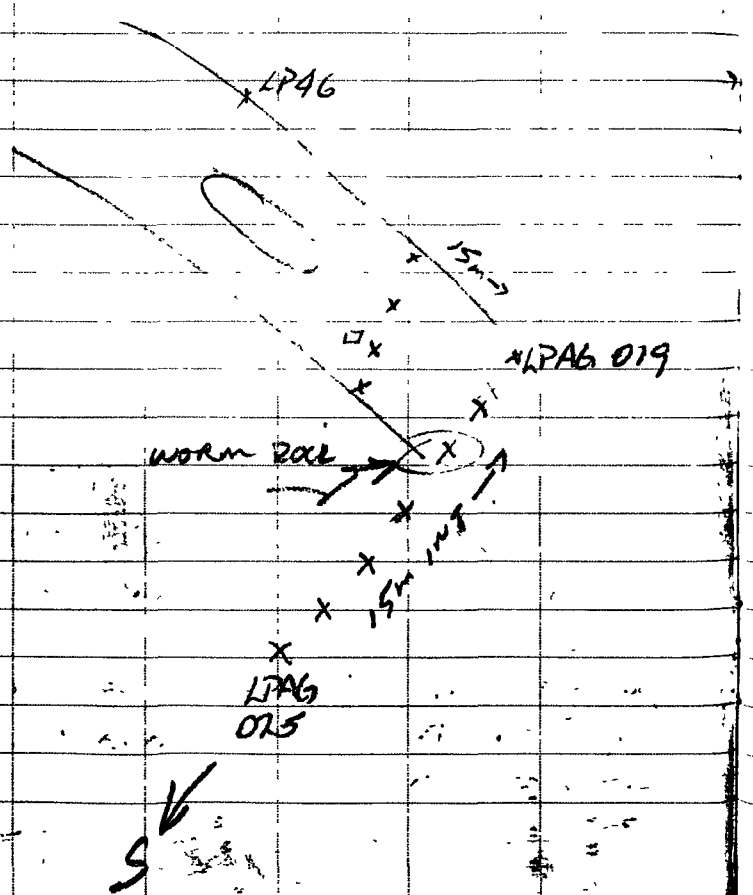
FUSS NO. 1 - 24° HDG TO POST 2
" 14° " TO CAIRN
" 320° " TO OLD POSTS

ROB NO. 3 - 278° " TO POST NO 2
50m - SUPERIOR EDGE
314° " TO OLD POSTS
UNR FUSS NO 2 POST

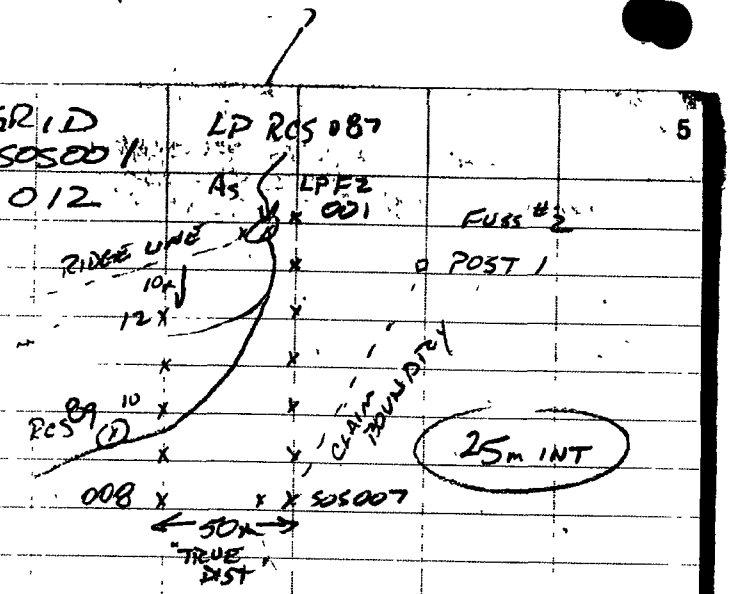
4

WED OCT 4

- ATV TO CLAIMS.
- MORE TRENCHING @ LPA6
- SOIL SAMPLING
SOIL GRID
LPAG SOS 019 - 025



SOIL GRID
LPF2 SOS001
- SOS012

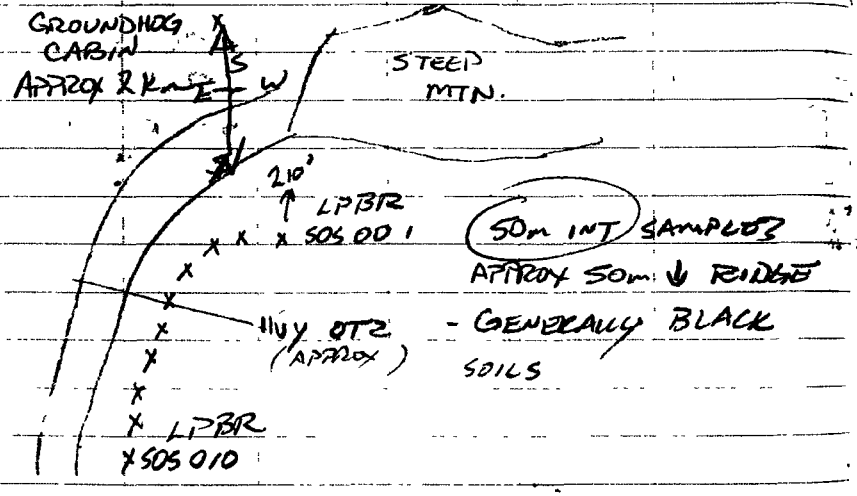


5

1 5m u/s LPF2 007 = PYRITIC OCTOHEDRA
2 SOS008 = PREVIOUSLY FLAGGED BY ME PLATEY ROCK, SOME Fe.
3 RCS 087 - MINOR BLACK SULFIDE IN MARBLE JUST BELOW CAT EXPOSURE
4 RCS088 - MORE MARBLE ALONG CAT ROAD
5 RCS 089 - MINOR SULFIDE IN CAT TRENCH 100m NW OF FUSS NO.2 POST NO.2
6 RCS 090 - MAROON/BROWN FLOAT ALONG CAT ROAD - SULFIDES (PYRITE?) FLAGGED BUT NOT LABELED 200-300m ABOVE PASS TOWARDS STEEP MTN 1 MI SOUTH OF FUSS NO.1
7 - RUSTY FLOAT ALONG ROAD CUT 400m SW OF GROUNDHOG "PASS" ON HIGH GRADE MTN = RCS 091

6

- THURS OCT 5 SOIL GRID LPBR SOS 000 E 010
- ATV TO RIDGE NNW OF CAMP
SOIL GRID 50m ↓ RIDGE ON W FACING
SLOPE: LPBR SOS 001 - BRG 210° TO
EDGE OF NW CORNER OF BOATS MTN.



SAMPLE NO.	ANALYSIS
LPAG SOS 019-025	Au+30 ✓
LPF2 SOS 001-012	Au+30 ✓
LPBR SOS 001-010	Au+30 ✓

- SENT OCT 10, 1995

CAPITAC HELICOPTERS, ≠ RUSS GREGORY
NOV 17, 1995

POST #1
NO. 3
"FUSS"
NE
~~200L~~
1300R
NOV 17
1795
T. ARSENAULT

POST #2
NO 3
"FUSS"
NOV 17
1795
T. ARSENAULT

GRASSROOTS PROSPECTING DAILY LOG
JUNE - NOVEMBER 1995
TOM ARSENAULT

(1) JUNE 19 TUNGSTEN ROAD PROJECT

Travel 2.8 km north along cat road from camp 1 to quartz pegmatite. Here 2 veins , .3m and .5m wide striking 130 deg. and dipping 70 deg., are exposed by road cut. They cut a thinly bedded graphitic shale. The quartz is both milky and clear with crystals generally 2cm high. No mineralisation is evident. See ICP TR RCS 043, 044 for analysis. These veins probably represent barren zones of silicification from magma low in water content & other volatiles at the waning stages of magmatic activity from underlying plutons or exposed ones, several kilometers to the north. More non-pegmatitic quartz veins are exposed in road cut .6 km north.

(2) JUNE 20

Discovery of pyrrhotite/skarn float along Tungsten Road, 2.4 km west of camp 1. Minor outcrop occurs here and consists of Silurian and Devonian strata. A black fetid limestone is predominantly present (approx. 400m) with interbedded layers of argillaceous slate and syn(?)sedimentary fault breccia. Several pieces of pyrrhotite were in a concentrated area and more similar pieces were found on both sides of the road. The slate strikes 300 deg and is nearly vertical. Efforts were directed at finding more float.

(3) JUNE 21

Traverse from culverts at Dolly Varden Creek and work downstream looking for igneous intrusions. Only unaltered phyllites were encountered for approximately 0.8 km. An interesting facies change occurs here from phyllites to black fetid limestone to quartzite (See photo #1). A small anticline has developed in quartzite bedding at the waters edge (See photo # 2). Continued noting rock types for another 0.7 km.

(4) JUNE 22

Directed efforts near skarn float by digging into hillside downslope and determining rock types from fragments and chips. Only minor marble discovered.

(5) JUNE 25 LAPIE PROJECT

Arrive Lapie Lake. Traverse up first small tributary crossing South Canol Road, south of Lapie Lake. 500m upstream is a small , .10m wide calcite vein with minor Fe cutting black limestone Graphitic schist is exposed 100m upstream. Prospect along Groundhog Creek for approximately 7 km. Many rusty weathering dolomites contain pyrite cubes. Odd green/maroon rock with 10% Fe at tributary flowing south at km 5. Got tired of breaking rusty rocks with iron, they were so abundant. Stopped at bulldozer clearing at junction with Canol Road and discovered galena at day's end.

(6) JUNE 26

Return to galena area to determine geology. Host dolomites not anywhere, only tertiary gravels. Therefore this is old dumpsite from previous activity. Traverse down to canyon at Groundhog Creek (See photo #3) at km1 and discover minor Fe, Cu, pyrrhotite mineralisation in Devonian shales. Malachite/azurite weathering occurs generally at the same stratigraphic level here over 100m horizontally (See photo # 4). Prominent quartz veins cut the shales in some areas. A slightly pyritic basalt plug intrudes the strata over 10m in the middle of the canyon (See photo #5). It would appear to be the source of the modest mineralisation in the area. Minor talc schist was noted approx. 30m upstream of the plug.

(7) JUNE 27

Start at culvert on South Canol Road and wade upstream along Groundhog Creek. Tested overlying tertiary conglomerates by panning, even at contact with bedrock, but yielded particularly unfruitful results; even black sands were generally absent (See photo # 6). More Cu weathering in shales over 8.0m in thickness, approx. 250m downstream of basalt plug (See photo # 7). In steepest area of canyon, approx. 250m upstream of plug, alteration consists of another small plug(?). Also nearby is some quartz sericite schist and black fault gouge only 1cm wide (See photo #8). Somewhere in the shale horizon is a small layer of scalehedron smoky calcite crystals up to 3 cm high, which were only found as float in several talus piles.

JUNE 28 SICK

(8) JUNE 29

Head up first major tributary flowing south into Groundhog Creek. Smoky grey calcite crystals and small quartz crystals on scree slope 1 mile up valley. Pyritic dolomite in talus 0.5 mile further. Igneous dike with 10% Fe as float also. 200m higher is a pyritic dolomite in contact with Devonian shales. At back of mountain on ridge line are several 1-2m wide quartz veins outcropping in shales. Overlying tan weathering dolomites often contain pyrite cubes. Finish traverse around mountain - very difficult walking in rugged terrain and blocky dolomites.

(9) JUNE 30

Traverse along first Creek south of Groundhog Creek to check for outcrop along major normal fault. Very difficult walking in undergrowth from old burn. Head upslope to gossan area approx. 4 km upstream. Gossan area consists of several felsic and mafic dikes intruding grey limestone (400m altered area). Minor Fe was observed in a quartz vein but not sampled.

(10) JULY 14

Return to Tungsten Road and investigate general area along Dolly Varden Creek near anticline. Barite placer deposit occurs in river 10m upstream of anticline. Barite occurs with marble also along cut bank as float. Cut and blaze baseline to road (see sketch of area). Contractor starts regional stream sampling.

(11) JULY 15 TUNGSTEN ROAD PROJECT

Traverse down right bank from culverts at Dolly Varden Creek to alteration area at 0+00. Pan at gravel bar and prospect limited outcrop. Observed minor Fe in blebs in quartzite at waters edge 100m downstream of 0+00. Return to road then prospect back to alteration area at 0+00. Later, traverse from lake creek to 0+00 to check for float or bedrock. Contractor continues stream sediment sampling.

(12) JULY 16

Initiate a 500m interval regional soil sampling grid (TR SOS 001-010) with contractor in vicinity of alteration area to determine possible skarn or igneous intrusives.

(13) JULY 17 LAPIE PROJECT

Arrive Groundhog Creek. Traverse from South Canol Road up previously noted tributary towards gossan area. Collect 5 stream samples. Establish soil sampling grid over broad alteration area with contractor. At least 3 different types of igneous dikes outcrop here (see sketch). Alteration consists of disseminated pyritization, minor chloritization, and quartz and calcite veining. Rock sample LP31 consisted of wedge

shaped, striated, slightly magnetic arsenopyrite(?) crystals within a dike which ran over 2000 ppm As but no gold.

(14) JULY 18

Approx. 2 km east of camp along road, other dykes have been exposed. One contained 10% pyrite cubes and was fine grained. The next was a quartz porphyry. Next to the porphyry was a dark mafic dyke. No mineralisation was apparent. 2 stream samples were then taken 400m west of camp in a small tributary. Then another sample in a dry creek bed in Upper Sheep Creek drainage with contractor.

(15) AUG. 8

Return to Groundhog Creek. Prospect along steep mountain northwest of camp, near heavy quartz veining. Mineralisation was not encountered, but sericite with quartz occurs as well as pyritization in a narrow tuff horizon near the heavy quartz veins. More mafic dikes were found just west of the quartz veining. Some fairly large quartz crystals filling vugs in dolomite were collected.
(16) AUG. 9

Head south of camp up closest tributary towards cirque. Gossanous breccia in centre of valley led to galena showing near spur at top of ridge. Galena consists of blebs and stringers filling fracture fillings in dolomite. A strong normal fault must occur somewhere nearby as slickenslides were evident in the general proximity of the showing.

(17) AUG 10

Rendezvous with K. Pelletier and traverse back up to Ag showing .

(18) AUG. 11

Return to Ag showing at top of cirque and establish 12 sample soil grid (LPSOS 001-012) over possible vein.

(19) AUG. 12

Return to cirque bottom and prospect opposite side of valley from Ag showing. Massive cockade calcite occurs here in "chimney like" structures over approx. 15m with a vertical plunge. High zinc values were obtained from it. More Ag as blebs occur at the end of a cat road near cliff face at 5500 ft. Took 1.5m chip sample (LP 59 = 58.7g/T). Checked other small cat trenches on top of mountain which contained some unusual rusty weathering rocks. 2 small galena veins occur at the top of the cirque exposed in a cat trench as well as copper stained quartz siderite. These veins assayed well for Ag but were subsequently staked by another party later in the summer. Sprained an ankle returning to camp with too heavy a pack.

(20) AUG. 25 TUNGSTEN PROJECT

Return to Tungsten Road (area 1) Re-examine altered area at 0+00 and discover 2 other barite placers downstream and then find source in bedrock in orthoquartzite as pinching and swelling veins from 2" - 1 ft. wide. ICP results for Ba samples were not great, although assays would show up better according to NA Labs. It is very heavy and appears to be almost 80%+ Ba.

(21) AUG 26

Continue regional stream sampling and walking up small tributary near French Creek. Contorted phyllitic shales generally occur in this area. In a dry flat swamp, a quartz flooded angular breccia was noted and a sediment sample was taken. No other alteration was found as outcrop was lacking.

Return 500m downstream of 0+00. Here a huge zone of quartzite occurs here overlying intermittent zones of contorted, rusty weathering phyllite with minor quartz of calcite veins Small garnets were noted here in the quartzite at TR SOS 010.

(22) AUG. 27

Traverse up tributary east of 0+00 for more regional stream sampling. Generally orthoquartzite occurs where bedrock is exposed until creek cuts more westerly. Here there is another apparent contact/facies change of quartzite to fetid limestone to shales/phyllites. Sampled stream here TRSTS 019

Return to "pegmatite" quartz veins and sample them.

(23) AUG. 28

Walk upstream from camp no. 2 at Dolly Creek to attempt to find some sort of igneous activity; either granites or hornfels suggesting possible skarns or tuffs in shales suggesting sedex possibilities. Only minor chloritic quartz veining was encountered, which is believed to represent regional metamorphisim, not igneous activity.

(24) AUG. 29 LAPIE PROJECT

Arrive Groundhog Creek. Prospect from Groundhog valley bottom to 3/4 way up mountain top at 2nd Ag showing. Several rusty weathering rocks were sampled from float but nothing of interest was found. Shales outcrop around mountain approximately half way up overlain by dolomite. RCS 071 was sampled along Groundhog Creek Road (approximately km 8.0) and gave encouraging Au values (912 ppb) with anomalous Pb, Zn and Ag. It occurred in chert or arenite (?) and contained 10% unusual Fe "blobs". This was only a small float sample and due to slow lab work was not followed up before winter.

(25) AUG. 30

Back up creek towards cirque. Octahedral Fe crystals in creek bottom in fine grained felsic (?) rock as float. Similar crystals in bedrock at LP 58 near mountain top. Soil sample possible fault zone at 1st Ag showing and 2 samples along ridge near dark black sphalerite (?) crystals in quartz. (LPAG SOS 013 - 018) see sketch

(26) AUG. 31

Head up 1st south -draining tributary into Groundhog Creek to examine possible fault. Copper stain in quartz float train half way up mountain. Quartz sill or manto (?) outcrops near top of mountain and is 1.5m wide x 6.0m long and occurs adjacent to talus covered fault contact. 10160g/T Ag float in talus just below showing in quartz breccia. Chip sample of bedrock with minor tetrahedrite assayed 34g/T Ag over 1.5m, 4 m from buried fault. (LP RCS 81, 82)

15m east of showing, more tetra occurs over narrow 0.1m intervals (2% sulphides) in quartz. 100m east of the fault contact a 1.0m quartz chip sample with minor malachite stain assayed 355 g/t (LP RCS 079). This includes some dolomite. Multiple veins were noted to occur here over 3.0m and this area has a black oxide coating with malachite. The veins trend true north with an 85 deg. dip.. A klippe of shales overlying dolomite may be localizing mineral rich fluids. 200m from the fault contact another wide quartz vein was chip sampled (1.5m) and assayed 6.2g/T Ag.

(27) SEPT. 1

Return to top of mountain near cirque and stake claims. This area was subsequently restaked in October as lapsed claim posts were used which contravenes the quartz mining act.

(28) OCT. 3

Restake 2 claims Fuss No. 1 and No. 2 with atv at top of mountain near cirque. Re-examine galena stringers. 2" snow in some areas.

(29) OCT. 4

ATV to Fuss No. 1 and continue soil sample grid over possible fault LPAG SOS 019 - 025 Establish soil grid on Fuss No. 2 near Ag showing LPF2 SOS 001 - 012. Ground not too frozen yet.

(30) OCT. 5

ATV to ridge north-northwest of camp and establish soil grid LPBR SOS 001 - 010 over quartz veining and possible fault contact in shales. View old cat trenches and workings on the way there. Minor tetrahedrite occurs in quartz veining in the old workings .

(31) NOV. 17

Stake Fuss No. 3 with Capital Helicopters and return to Whitehorse. Worse than expected weather delayed travel time, but cleared up on return flight home.