

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
MINISTRY OF ENERGY AND MINES
GEOLOGICAL SURVEY BRANCH

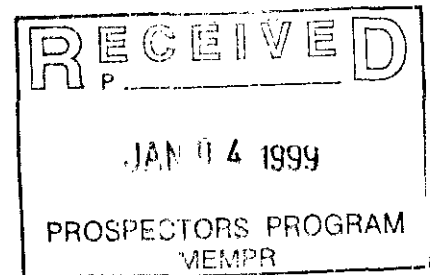
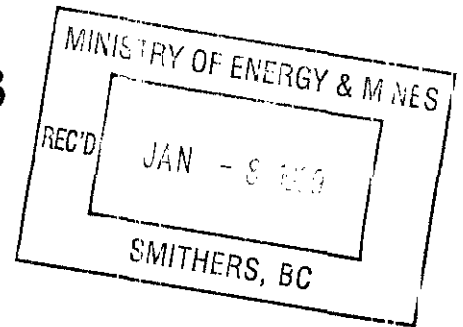
PROGRAM YEAR: 1998/99

REPORT #: PAP 98-30

NAME: RUPERT SEEL

British Columbia
Prospectors Assistance Program

Prospectors Reports
Reference #: 98/99 P63



Submitted By: Rupert R. Seel
Date Submitted: December 30, 1998

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Purpose:

To prospect a topographical feature which contains several known mineral deposits.

Introduction:

The area of interest is immediately north and east of Troitsa Peak in the Whitesail Ranges of mountains and mainly south of Tahsta Reach of the Nechako Reservoir (NTS 93E/11 & 93E/10). Access to the area is by recently built logging roads and helicopter.

The higher elevations of the range have been extensively prospected and geologically mapped, however the lower areas have much glacial drift and have few outcrops. Of particular interest is a geographically lower area between the foot of the Whitesail Range Mountains and Tahtsa Reach, which contains several known mineral occurrences and intrusive rocks.

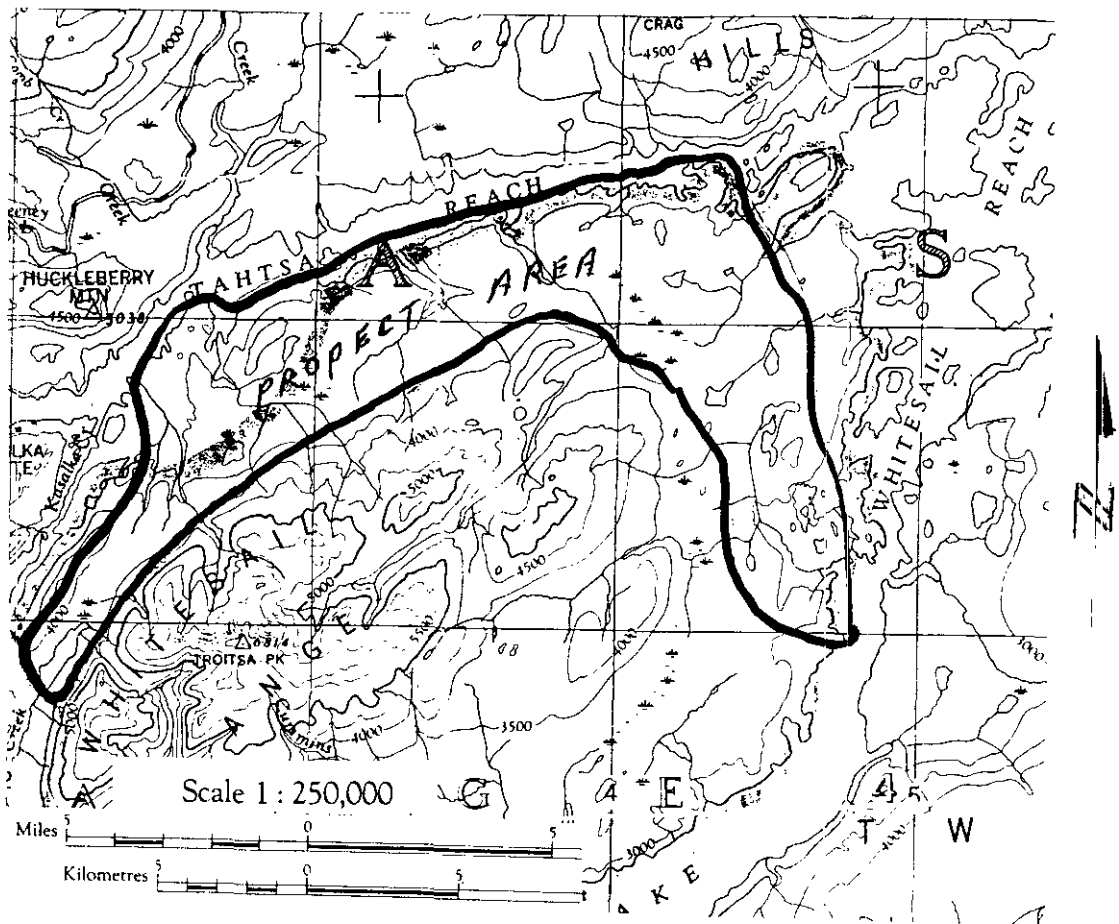


Figure 1: Location of prospecting work and topographical feature

This feature trends northeast and north south of the mountains. The writer prospected this area between previously known mineral occurrences taking soil, silt, and rock samples.

Method:

The area was traversed by truck on new logging roads, by boat, and on foot. Soil, silt and rock samples were taken for analysis. Sample locations were flagged with survey ribbons having written sample numbers. Locations were plotted on a 1:50,000 scale map (see Sample Location Map, Figure #1a).

Silt samples were taken from areas where the bedrock was probably nearby or the glacial overburden was thought to be shallow. Soil samples for the "B" horizon were collected where the bedrock was close to the surface. Both silts and soil samples were collected in craft paper bags, dried at room temperature and then sent to the lab for analysis.

Rock outcrops with pyrite and/or limonite mineralization were sampled, especially rocks that seemed to be from gossans or had much limonite alteration.

All samples on map were sent to Min-En Laboratory for multi-element ICP analysis (see Appendix 1) using Min-En Labs standard technique of sample preparation.

Results:

The soil, silt and rock analyses are contained within appendix 1.

Following is a brief description of rocks sampled.

<u>Sample No.</u>	<u>Brief Description of Rock</u>	<u>Sulfide Mineralization</u>	<u>Other Notes</u>
98-1 CR	Sedimentary rock nearby	Minor disseminated galena	No silt values
98-4	Chert	Minor pyrite	
98-10	Grey green volcanic tuff	Minor disseminated pyrite	
98-5	Diorite		2.5 km south of Lucy Lake
98-18	Light green volcanic	Very minor pyrite	
98-15	chert (fine grained light colour)		Manganese staining
98-20,21,22	Fine grained light coloured koalinized volcanic	Minor pyrite	On See #5 claim
98-23,24,25	Fine grained light coloured breccia	Major pyrite, chalcopyrite, galena	On See #5 claim
98-39	Quartz porphyry	Minor pyrite	
98-54	Fine grained light coloured volcanic	Minor disseminated pyrite	
98-56	Light grey volcanic	Minor disseminated pyrite	
98-61	Quartz porphyry	Minor pyrite	
98-62	Granite		
98-63	sediment with limonite		Gossan
98-75	Quartz vein in sediment		Gossan
98-78	Volcanic	Chalcopyrite	1 metre wide gossan
98-79	Reddish volcanic tuff		200 metre wide
98-81	Volcanic		Angular float
98-85	Siltstone		

Conclusions:

The surface sulfide mineralization in this area is not continuous. The geographical depression, which contains several mineral deposits, does not correspond to an area of continuous sulfide mineralization.

Copper sulfide mineralization was discovered in a new area of the geographical lowland. Sample 98-78R has chalcopyrite and was analyzed to contain 1142 ppm Cu. The area around this sample should be further investigated.

The prospecting work done in the detailed area would seem to indicate a contact zone. An intrusive in sediments trends east west, with accompanying zinc and lead mineralization.

**BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)**

B. TECHNICAL REPORT

- One technical report to be completed for each project area.
- Refer to Program Requirements/Regulations, section 15, 16 and 17.
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name RUPERT SEEL Reference Number 98/99 P63

LOCATION/COMMODITIES

Project Area (as listed in Part A) WHITE SAIL MINFILE No. if applicable _____

Location of Project Area NTS 93/III E Lat 50° 38' N Long 127° 03' W

Description of Location and Access TRUCK TO TAHISA BEACH, BOAT TO KASALAN
CREEK THEN 6 KM BY ATV.

Main Commodities Searched For GOLD COPPER

Known Mineral Occurrences in Project Area OX LAKE

WORK PERFORMED

1. Conventional Prospecting (area) 40 KM
2. Geological Mapping (hectares/scale) NIL
3. Geochemical (type and no. of samples) SOILS 53 SILT 25 ROCK 13
4. Geophysical (type and line km) NIL
5. Physical Work (type and amount) STRIPING TO ROCK BY HAND 35M LONG 2M WIDE
6. Drilling (no., holes, size, depth in m, total m) _____
7. Other (specify) _____

SIGNIFICANT RESULTS

Commodities GOLD COPPER SILVER Claim Name SEE #5

Location (show on map) Lat. 50 38 Long 127 05 Elevation 3500 FT

Best assay/sample type GOLD 760 PPM SILVER 47.9 PPM
COPPER 17632 PPM

Description of mineralization, host rocks, anomalies QTZ. PORPHYRY WITH
DIAGEN PYRITE

Supporting data must be submitted with this TECHNICAL REPORT

Information on this form is confidential for one year from the date of receipt subject to the provisions of the *Freedom of Information Act*.

Mineral Environments Laboratories

8282 Sherbrooke St., Vancouver, B.C., V5X 4E8

Tel (604) 327-3436 Fax (604) 327-3423

Report No : 8S0056 5

Date : Aug-07-98

MR. RUPERT SEEL

Attention: Rupert Seel

Project: SEE

Sample: STREAM SEDIMENT

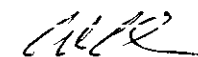
MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-wet ppb
98-1-CR	<0.2	2.32	10	120	0.5	<5	1.01	<1	15	13	20	5.85	0.05	0.64	2485	4	0.04	8	1480	4	<5	8	<10	100	0.11	127	<10	24	75	7	5
98-3-CR	<0.2	1.79	5	190	0.5	<5	0.47	<1	14	11	11	5.39	0.05	0.50	3290	2	0.03	7	850	6	<5	5	<10	62	0.08	83	<10	11	74	4	5
98-4-CR	<0.2	1.20	10	130	<0.5	<5	0.53	<1	8	13	7	3.27	0.06	0.47	1090	<2	0.03	7	1030	4	5	3	<10	54	0.05	54	<10	10	68	4	5
98-5-CR	<0.2	0.76	5	170	<0.5	<5	0.46	<1	7	10	8	2.66	0.06	0.28	750	<2	0.03	5	1070	6	<5	3	<10	48	0.05	45	<10	9	72	5	5

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed: _____



MR. RUPERT SEEL

Attention: Rupert Seel

Project: SEE

Sample: SOIL

Mineral Environments Laboratories

8282 Sherbrooke St., Vancouver, B.C., V5X 4E8

Tel (604) 327-3436 Fax (604) 327-3423

Report No : 8S0067

Date : Aug-14-98

70

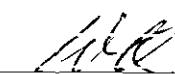
MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-fire ppb
98-7-CR	0.8	2.07	25	320	0.5	<5	0.75	1	10	20	22	4.87	0.05	0.42	9535	8	0.03	9	2750	24	<5	2	<10	35	0.03	52	<10	40	174	3	10
98-8-CR	<0.2	1.14	20	270	<0.5	<5	0.44	1	11	15	25	5.64	0.06	0.41	1505	2	0.02	11	760	26	<5	6	<10	25	0.04	87	<10	11	297	4	5
98-9	0.4	3.26	25	120	<0.5	<5	0.17	<1	10	26	44	4.97	0.10	0.68	550	2	0.02	13	700	20	<5	7	<10	21	0.08	95	<10	8	206	4	10
98-10	<0.2	1.94	25	80	<0.5	<5	0.31	<1	15	20	34	4.65	0.04	0.52	770	<2	0.02	10	780	18	<5	5	<10	22	0.07	76	<10	19	138	4	5
98-11	0.2	2.37	30	100	<0.5	<5	0.21	<1	6	21	14	4.19	0.05	0.28	235	14	0.02	8	690	16	<5	3	<10	23	0.08	81	<10	17	87	3	5
98-12	<0.2	1.34	35	80	<0.5	<5	0.15	<1	8	20	14	5.89	0.05	0.31	850	<2	0.02	7	1290	18	<5	2	<10	13	0.12	109	<10	2	109	3	5
98-13-CR	<0.2	0.63	25	190	0.5	<5	0.25	<1	12	8	39	4.99	0.06	0.36	1810	<2	0.02	8	800	38	<5	8	<10	12	0.02	81	<10	10	259	3	5
98-14	<0.2	1.95	20	110	0.5	<5	0.11	<1	11	16	39	4.51	0.07	0.49	1790	2	0.02	10	820	34	<5	5	<10	11	0.04	79	<10	7	253	3	5
98-16-CR	<0.2	1.80	20	140	<0.5	<5	0.46	<1	7	19	21	3.41	0.06	0.44	580	2	0.03	9	830	16	<5	4	<10	28	0.05	67	<10	10	132	3	5
98-17	<0.2	1.86	35	120	<0.5	<5	0.17	<1	8	22	16	6.76	0.05	0.35	350	4	0.02	7	740	18	5	4	<10	16	0.14	129	<10	2	98	4	5
98-18	<0.2	2.17	10	60	<0.5	<5	0.10	<1	6	20	10	4.79	0.05	0.28	310	<2	0.02	6	1010	16	<5	3	<10	10	0.09	93	<10	2	106	3	5
98-19	<0.2	3.75	5	80	<0.5	<5	0.17	<1	17	41	24	7.16	0.05	0.70	665	<2	0.03	13	1470	10	<5	6	<10	12	0.42	144	<10	7	166	5	5
98-20	<0.2	5.10	10	120	0.5	<5	1.27	<1	25	34	129	4.52	0.11	1.04	2290	<2	0.02	19	1410	<2	<5	9	<10	115	0.10	111	<10	6	99	3	5
98-21	<0.2	2.17	25	100	<0.5	<5	0.16	<1	11	25	44	4.53	0.05	0.30	1015	2	0.02	10	790	16	<5	4	<10	14	0.12	91	<10	14	103	3	5

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed:



MR. RUPERT SEEL

Attention: Rupert Seel

Project: SEE

Sample: ROCK

Mineral Environments Laboratories

8282 Sherbrooke St., Vancouver, B.C., V5X 4E8

Tel (604) 327-3436 Fax (604) 327-3423

Report No : 8S0067

Date : Aug-14-98

21

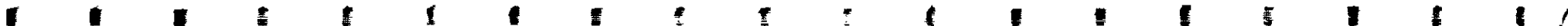
MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-fire ppb
98-15-R	<0.2	0.47	20	80	<0.5	<5	0.04	<1	1	62	5	1.22	0.12	0.02	590	50	0.02	3	200	12	<5	2	<10	3	<0.01	4	<10	2	94	2	5

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed: _____



MR. RUPERT SEEL

Attention: Rupert Seel

Project: SEE

Sample: ROCK

Mineral Environments Laboratories

8282 Sherbrooke St., Vancouver, B.C., V5X 4E8

Tel (604) 327-3436 Fax (604) 327-3423

Report No : 8S0056 22

Date : Aug-07-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-wet ppb
98-2-R	<0.2	0.20	10	40	0.5	<5	2.16	<1	5	52	17	2.15	0.08	0.29	1275	2	0.04	3	530	10	<5	2	<10	49	<0.01	20	<10	7	59	6	5
98-4-R	<0.2	0.42	10	90	0.5	<5	0.46	<1	6	35	10	3.52	0.15	0.16	765	2	0.07	2	1880	6	<5	7	<10	23	0.03	45	<10	25	93	16	5

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95C for 2 hours and diluted to 25ml with D.I.H2O.

Signed: 

MR. RUPERT SEEL

Attention: Rupert Seel

Project: SEE

Sample: SOIL

Mineral Environments Laboratories

8282 Sherbrooke St., Vancouver, B.C., V5X 4E8

Tel (604) 327-3436 Fax (604) 327-3423

Report No : 8S0093 SJ

Date : Sep-30-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-wet ppb
98-20 A	<0.2	2.83	10	110	<0.5	<5	0.11	<1	10	24	51	4.34	0.05	0.46	585	<2	0.02	20	1560	6	5	5	<10	15	0.07	67	<10	5	145	5	5
98-26-CR	<0.2	1.30	20	130	<0.5	<5	0.57	<1	7	17	18	2.67	0.06	0.43	685	<2	0.02	13	860	2	<5	3	<10	62	0.02	45	<10	18	83	3	5
98-27-CR	0.2	1.28	10	270	<0.5	5	0.97	<1	13	14	15	5.51	0.05	0.28	2880	<2	0.03	13	2050	4	<5	3	<10	137	0.02	83	<10	26	55	6	5
98-28-CR	<0.2	0.91	5	140	<0.5	<5	0.32	<1	6	12	4	2.07	0.04	0.34	1035	<2	0.03	8	760	6	<5	2	<10	41	0.04	39	<10	7	62	3	5
98-30	<0.2	1.20	15	150	<0.5	<5	0.10	<1	4	11	10	3.28	0.06	0.21	795	<2	0.02	6	1110	8	<5	2	<10	16	0.01	46	<10	6	96	2	5
98-31	<0.2	1.31	20	100	<0.5	<5	0.21	<1	7	15	15	3.30	0.05	0.43	410	<2	0.02	10	570	14	5	3	<10	29	0.03	62	<10	5	107	2	5
98-32	<0.2	1.61	20	120	<0.5	<5	0.23	<1	7	17	19	3.44	0.06	0.46	330	<2	0.02	11	630	10	<5	4	<10	24	0.03	64	<10	5	126	2	5
98-33	<0.2	1.10	20	130	<0.5	<5	0.33	<1	8	19	21	3.51	0.04	0.38	515	<2	0.02	11	830	8	5	5	<10	43	0.04	67	<10	14	107	3	10
98-34	<0.2	1.12	10	60	<0.5	<5	0.07	<1	5	12	4	2.92	0.04	0.18	560	<2	0.02	6	820	8	<5	2	<10	11	0.03	64	<10	1	78	3	5
98-35	<0.2	1.07	20	90	<0.5	<5	0.18	<1	9	15	14	3.69	0.05	0.37	750	<2	0.02	9	730	10	<5	3	<10	20	0.03	70	<10	3	115	3	5
98-36	<0.2	0.98	15	130	0.5	<5	0.48	<1	10	15	17	3.53	0.07	0.40	1315	<2	0.02	10	700	12	<5	4	<10	34	0.01	50	<10	13	103	3	5
98-37	0.2	0.65	20	200	0.5	<5	0.29	1	6	8	7	2.75	0.12	0.14	1450	<2	0.02	6	750	130	<5	3	<10	20	0.01	25	<10	16	192	2	5
98-38	<0.2	1.21	20	260	0.5	<5	0.56	<1	8	14	24	3.59	0.11	0.40	995	<2	0.02	11	850	20	<5	5	<10	35	0.02	49	<10	20	152	3	5
98-39	1.2	0.80	30	170	0.5	5	0.32	13	13	15	15	5.33	0.16	0.23	8295	<2	0.02	10	1600	502	5	6	<10	26	0.01	35	<10	27	968	3	15
98-40	<0.2	1.85	20	150	<0.5	<5	0.24	<1	8	16	18	4.39	0.05	0.32	320	<2	0.02	10	640	14	<5	3	<10	34	0.03	68	<10	7	116	4	5
98-41	<0.2	1.02	15	120	<0.5	<5	0.24	<1	11	15	9	4.30	0.04	0.41	1415	<2	0.02	10	670	6	5	3	<10	33	0.04	57	<10	8	94	3	5
98-42	<0.2	1.48	10	140	0.5	<5	0.21	<1	7	11	6	4.05	0.11	0.25	1065	<2	0.02	8	1400	6	<5	4	<10	18	0.02	51	<10	14	108	2	15
98-43	<0.2	2.33	30	130	<0.5	<5	0.09	<1	10	19	22	3.84	0.05	0.43	350	<2	0.02	14	700	10	5	5	<10	19	0.04	68	<10	5	129	4	5
98-44	<0.2	1.23	5	100	<0.5	<5	0.04	<1	3	4	<1	2.48	0.06	0.05	335	<2	0.02	3	840	<2	<5	1	<10	7	0.01	25	<10	3	58	1	5
98-45	<0.2	0.96	15	130	<0.5	<5	0.21	<1	7	14	11	2.91	0.04	0.37	455	<2	0.02	9	870	6	<5	3	<10	30	0.04	55	<10	7	93	3	5
98-46	<0.2	0.94	20	320	0.5	<5	1.24	<1	11	14	23	5.11	0.11	0.32	1870	<2	0.02	14	1040	32	<5	9	<10	67	0.01	47	<10	33	217	4	10
98-48	<0.2	1.50	20	150	<0.5	<5	0.21	<1	10	17	20	3.58	0.05	0.50	1100	<2	0.02	12	760	12	5	4	<10	25	0.02	59	<10	12	117	3	5
98-49	<0.2	1.80	10	70	<0.5	<5	0.09	<1	8	20	8	4.05	0.09	0.38	960	<2	0.02	10	3110	8	<5	3	<10	16	0.06	68	<10	2	143	4	5
98-50	<0.2	1.48	10	70	<0.5	<5	0.05	<1	4	14	10	2.61	0.04	0.22	160	<2	0.02	6	580	10	<5	2	<10	12	0.05	56	<10	2	59	2	5

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed:

SEEL ENTERPRISES LTD.

Attention: RUPERT SEEL

Project:

Sample: SOIL

Mineral Environments Laboratories

8282 Sherbrooke St., Vancouver, B.C., V5X 4E8

Tel (604) 327-3436 Fax (604) 327-3423

Report No : 8V0645 SJ ⁴


Date : Oct-09-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-wet ppb
98-51	<0.2	2.23	15	50	<0.5	<5	0.05	<1	4	18	5	5.62	0.03	0.22	175	<2	0.01	5	670	6	5	3	<10	10	0.05	70	<10	2	68	6	5
98-52	<0.2	0.94	10	50	<0.5	<5	0.04	<1	3	9	2	2.19	0.03	0.11	85	<2	0.01	3	290	8	5	2	<10	9	0.10	66	<10	1	40	3	5
98-53	<0.2	3.18	30	60	<0.5	<5	0.05	<1	8	21	13	3.75	0.03	0.37	295	<2	0.01	11	650	2	5	6	<10	11	0.06	69	<10	3	143	9	5
98-57	<0.2	2.33	10	180	0.5	<5	0.49	<1	11	20	18	4.11	0.04	0.48	1100	<2	0.01	10	620	8	5	4	<10	23	0.05	73	<10	22	112	3	5
98-59	<0.2	2.80	35	70	<0.5	<5	0.08	<1	6	15	8	3.79	0.04	0.27	245	<2	0.01	9	850	2	5	4	<10	15	0.05	62	<10	4	139	6	5
98-60	0.4	2.01	25	190	<0.5	<5	0.28	<1	17	19	38	5.62	0.04	0.42	5285	<2	0.02	10	1440	40	5	2	<10	20	0.05	124	<10	12	184	3	5
98-61	<0.2	2.26	15	50	<0.5	<5	0.04	<1	6	20	5	4.52	0.04	0.26	550	<2	0.01	8	1700	4	5	3	<10	8	0.08	85	<10	2	99	3	5
98-64	<0.2	2.76	<5	40	<0.5	<5	1.63	<1	12	8	36	3.45	0.07	0.85	510	<2	0.04	9	1710	<2	<5	5	<10	145	0.01	80	<10	11	39	2	5
98-69	<0.2	1.76	20	130	0.5	<5	0.10	<1	10	13	27	4.26	0.05	0.32	575	<2	0.01	11	610	4	<5	6	<10	13	0.02	71	<10	9	105	3	5
98-54CR	<0.2	1.12	65	200	0.5	<5	0.37	<1	10	12	8	4.58	0.06	0.30	3255	2	0.01	9	1110	14	5	3	<10	27	0.02	56	<10	15	204	3	5
98-55CR	0.2	1.21	55	140	0.5	<5	0.40	<1	11	13	11	4.08	0.06	0.41	2050	2	0.02	9	860	14	<5	3	<10	29	0.02	59	<10	12	168	3	5
98-56CR	<0.2	1.42	15	120	<0.5	<5	0.49	<1	9	18	16	3.21	0.06	0.53	1255	<2	0.02	11	890	4	5	3	<10	31	0.03	54	<10	12	102	3	10
98-58CR	<0.2	1.40	50	160	0.5	<5	0.54	<1	10	15	12	3.97	0.06	0.41	2510	<2	0.02	9	950	8	<5	3	<10	32	0.03	56	<10	14	141	3	5
98-65CR	<0.2	1.53	15	160	<0.5	<5	0.30	<1	8	15	6	2.73	0.06	0.38	475	<2	0.02	9	1170	2	<5	2	<10	46	0.05	131	<10	10	78	2	5
98-66CR	<0.2	1.05	10	180	<0.5	<5	0.43	<1	10	8	3	2.68	0.08	0.27	2110	<2	0.02	8	1150	<2	5	3	<10	65	0.03	75	<10	12	61	3	5
98-67CR	<0.2	1.05	5	230	0.5	<5	0.50	<1	9	13	9	3.14	0.09	0.40	1025	<2	0.05	9	990	2	<5	4	<10	61	0.02	56	<10	12	111	2	5
98-70CR	<0.2	0.76	10	110	<0.5	<5	0.37	<1	11	18	11	3.56	0.06	0.38	910	<2	0.02	12	890	6	<5	4	<10	33	0.04	81	<10	11	81	3	5
98-71CR	<0.2	0.66	10	130	<0.5	<5	0.42	<1	10	8	14	3.43	0.08	0.31	970	<2	0.02	10	990	4	<5	4	<10	43	0.06	70	<10	11	86	8	5
98-72CR	<0.2	0.87	35	270	<0.5	<5	0.69	1	11	15	6	3.11	0.08	0.33	1250	<2	0.02	12	1900	72	15	3	<10	71	0.08	75	<10	11	284	7	5
98-73CR	<0.2	0.92	10	170	<0.5	<5	0.40	<1	8	14	6	3.20	0.06	0.33	635	<2	0.02	10	890	8	5	3	<10	50	0.07	74	<10	10	86	4	15
98-74CR	<0.2	0.97	10	110	<0.5	<5	0.40	<1	8	11	12	3.07	0.07	0.47	845	<2	0.02	10	740	6	5	4	<10	33	0.03	54	<10	11	96	3	5

A 5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.11120.



SEEL ENTERPRISES LTD.

Attention: RUPERT SEEL

Project:

Sample: ROCK

Mineral Environments Laboratories

8282 Sherbrooke St., Vancouver, B.C., V5X 4E8

Tel (604) 327-3436 Fax (604) 327-3423

Report No : 8V0645 RJ ²⁵

Date : Oct-09-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-wet ppb
98-62R	<0.2	0.40	5	110	0.5	<5	0.69	<1	6	7	11	3.10	0.11	0.27	545	<2	0.03	4	500	6	<5	4	<10	27	<0.01	22	<10	13	114	2	5
98-63R	<0.2	0.26	65	70	<0.5	<5	0.03	<1	1	47	4	1.65	0.06	0.02	305	12	0.01	5	200	12	5	1	<10	13	<0.01	8	<10	4	35	2	5
98-68R	<0.2	0.90	<5	130	<0.5	<5	0.79	<1	9	22	6	4.02	0.09	0.53	985	<2	0.03	11	660	4	<5	6	<10	19	0.01	62	<10	15	133	3	5

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H2O.

Signed: _____

[Handwritten Signature]

RUPERT SEEL

Attention: RUPERT SEEL

Project:

Sample: ROCK

Mineral Environments Laboratories

8282 Sherbrooke St., Vancouver, B.C., V5X 4E8

Tel (604) 327-3436 Fax (604) 327-3423

Report No : 8V0754 RJ ⁶

Date : Nov-18-98

MULTI-ELEMENT ICP ANALYSIS

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-wet ppb
98-78R	0.2	0.29	5	50	<0.5	<5	0.15	<1	6	82	1142	2.92	0.02	0.09	715	<2	0.05	7	340	8	<5	8	<10	4	<0.01	34	<10	9	45	3	10

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95C for 2 hours and diluted to 25ml with D.I.H2O.

Signed: _____ *[Signature]*

RUPERT SEEL
 Attention: RUPERT SEEL

Mineral Environments Laboratories
 8282 Sherbrooke St., Vancouver, B.C., V5X 4E8
 Tel (604) 327-3436 Fax (604) 327-3423

Report No : 8V0754 SJ 27
 Date : Nov-18-98

Project:
 Sample: SOIL

MULTI-ELEMENT ICP ANALYSIS
 Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Au-wet ppb
98-23	0.2	3.13	20	150	0.5	<5	0.12	<1	16	27	161	4.92	0.10	0.73	445	6	0.02	24	810	14	<5	6	<10	13	0.04	73	<10	12	227	4	10
98-75	<0.2	1.94	<5	60	0.5	5	0.09	<1	13	98	80	8.25	0.02	0.16	415	<2	0.01	39	990	6	5	25	<10	9	0.02	185	<10	11	102	5	5
98-76 CR	<0.2	4.15	5	310	1.0	<5	1.23	<1	8	21	31	3.55	0.11	0.59	560	<2	0.02	14	1030	4	<5	5	<10	84	0.03	57	<10	25	71	5	5
98-77	<0.2	2.31	5	100	<0.5	<5	0.13	<1	9	21	14	3.39	0.05	0.37	435	<2	0.02	13	1460	4	<5	3	<10	14	0.09	66	<10	3	106	5	10
98-79	<0.2	2.13	5	240	1.5	<5	0.85	<1	26	15	110	5.72	0.07	1.03	4280	<2	0.05	36	1870	8	<5	11	<10	140	0.09	113	<10	18	117	15	10
98-79	<0.2	2.30	95	80	0.5	<5	0.08	<1	9	20	31	4.46	0.04	0.40	415	<2	0.02	15	990	10	10	5	<10	10	0.07	63	<10	4	101	7	5
98-80 CR	<0.2	1.42	10	230	0.5	<5	0.68	<1	9	15	17	2.69	0.11	0.47	605	<2	0.03	11	1430	8	5	4	<10	76	0.08	61	<10	10	62	11	5
98-81	<0.2	3.31	15	70	0.5	<5	0.08	<1	7	20	20	3.72	0.04	0.34	235	2	0.02	15	700	12	<5	4	<10	13	0.06	53	<10	5	126	7	5
98-82	<0.2	2.53	45	120	<0.5	<5	0.14	<1	9	19	19	4.59	0.06	0.36	500	<2	0.02	11	1140	16	5	4	<10	18	0.07	73	<10	6	139	4	5
98-83	<0.2	2.31	25	140	0.5	<5	0.14	<1	9	16	23	3.90	0.06	0.32	570	<2	0.02	12	1040	14	5	3	<10	15	0.05	61	<10	6	136	3	5
98-84	0.2	1.48	65	90	0.5	5	0.11	<1	10	27	73	6.66	0.06	0.32	530	2	0.02	37	950	46	5	9	<10	13	0.02	76	<10	12	203	4	5
98-85	<0.2	1.34	30	100	<0.5	<5	0.34	<1	9	17	19	3.84	0.07	0.51	480	2	0.02	11	730	22	<5	5	<10	53	0.03	67	<10	10	120	3	5
98-86	<0.2	2.04	25	80	<0.5	<5	0.12	<1	6	17	17	4.00	0.05	0.38	325	<2	0.02	9	750	18	<5	4	<10	20	0.03	63	<10	4	117	3	5
98-87	<0.2	1.66	25	100	0.5	<5	0.15	<1	10	18	31	3.92	0.07	0.50	675	<2	0.02	13	570	18	<5	7	<10	38	0.03	64	<10	15	128	3	5
98-88	<0.2	2.55	25	120	0.5	<5	0.14	<1	11	19	27	3.98	0.07	0.45	550	<2	0.02	15	800	24	<5	5	<10	17	0.04	63	<10	7	178	3	5

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I. H2O.

MSL

GEOCHEMICAL ANALYSIS CERTIFICATE

Multi-element ICP Analysis - .500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with water. This leach is partial for Mn, Fe, Ca, P, La, Cr, Mg, Ba, Ti, B, W and limited for Na, K and Al. Detection Limit for Au is 3 ppm.

*Au Analysis- 10 gram sample is digested with aqua regia, MIBK extracted, graphite furnace AA finished to 1 ppb detection.

Analyst _____
 Report No. 9892753
 Date: October 5, 1998

HUCKLEBERRY MINES LTD.
 Project:
 Sample Type: Rock Pulps

ELEMENT SAMPLE	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
R98S8-20	45	168	29	54	.3	6	16	265	4.19	32	8	ND	4	10	1.2	3	3	4	.62	.035	4	75	.20	24	.01	4	.28	.01	.19	2	35
R98S8-21	26	626	67	126	11.0	4	8	151	5.86	49	8	ND	3	7	.9	9	11	4	.09	.057	6	62	.04	58	.01	3	.27	.01	.24	2	210
R98S8-22	14	866	18	50	1.2	12	22	205	7.91	9	8	ND	3	22	.2	3	3	98	.32	.097	6	68	.32	17	.08	3	.81	.06	.05	2	65
R98S8-23	1	10523	361	783	35.0	22	19	2498	10.98	112	8	ND	2	7	5.6	77	4	10	.81	.034	1	65	.23	24	.01	3	.28	.01	.22	2	60
R98S8-24	1	17632	118	865	47.9	90	57	390	26.59	27	8	ND	2	2	7.4	55	30	3	.10	.001	1	55	.03	6	.01	3	.10	.01	.07	2	760
R98S8-25	4	55	27	5	10.7	3	1	37	.69	32	8	ND	2	3	.2	59	4	3	.01	.004	9	75	.02	149	.01	5	.26	.01	.22	2	145

RUPERT SEEL'S CLAIMS

For Cu greater than 10,000 ppm, assay digestion is required for correct data.

For Ag greater than 35 ppm, assay digestion is required for correct data.

- 20: STRIPPED AREA IN THE CK.
- 21: " " "
- 22: RD. TO OLD CAMP FROM THE ABOVE CK.
- 23: Cu BRECCIA ON THE RIDGE
- 24: " " "
- 25: RH40LIFE (?) FROM TRENCH.

PAT MCANDLESS 488-2665

8
 128
 PIONEER LABORATORIES INC.

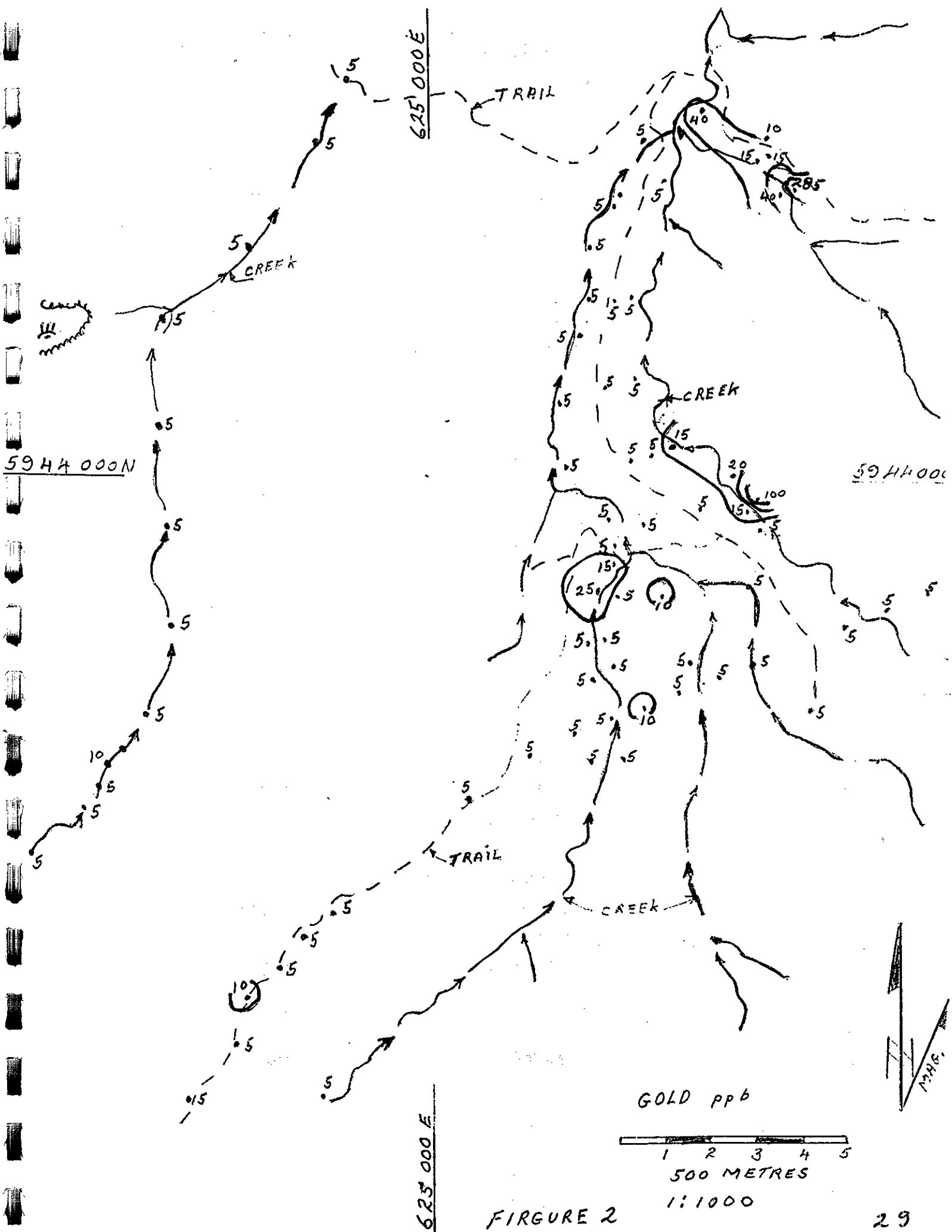


FIGURE 2

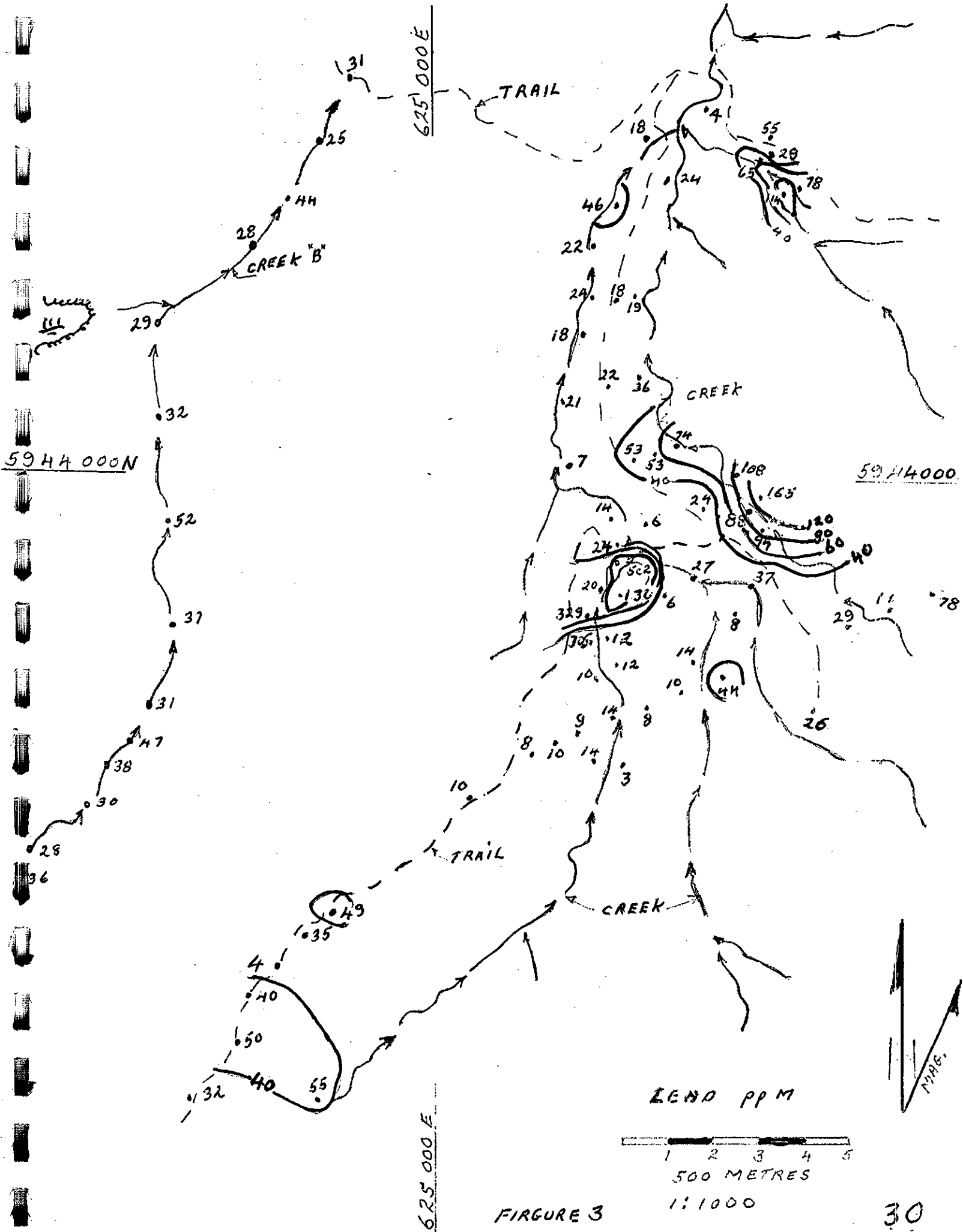


FIGURE 3

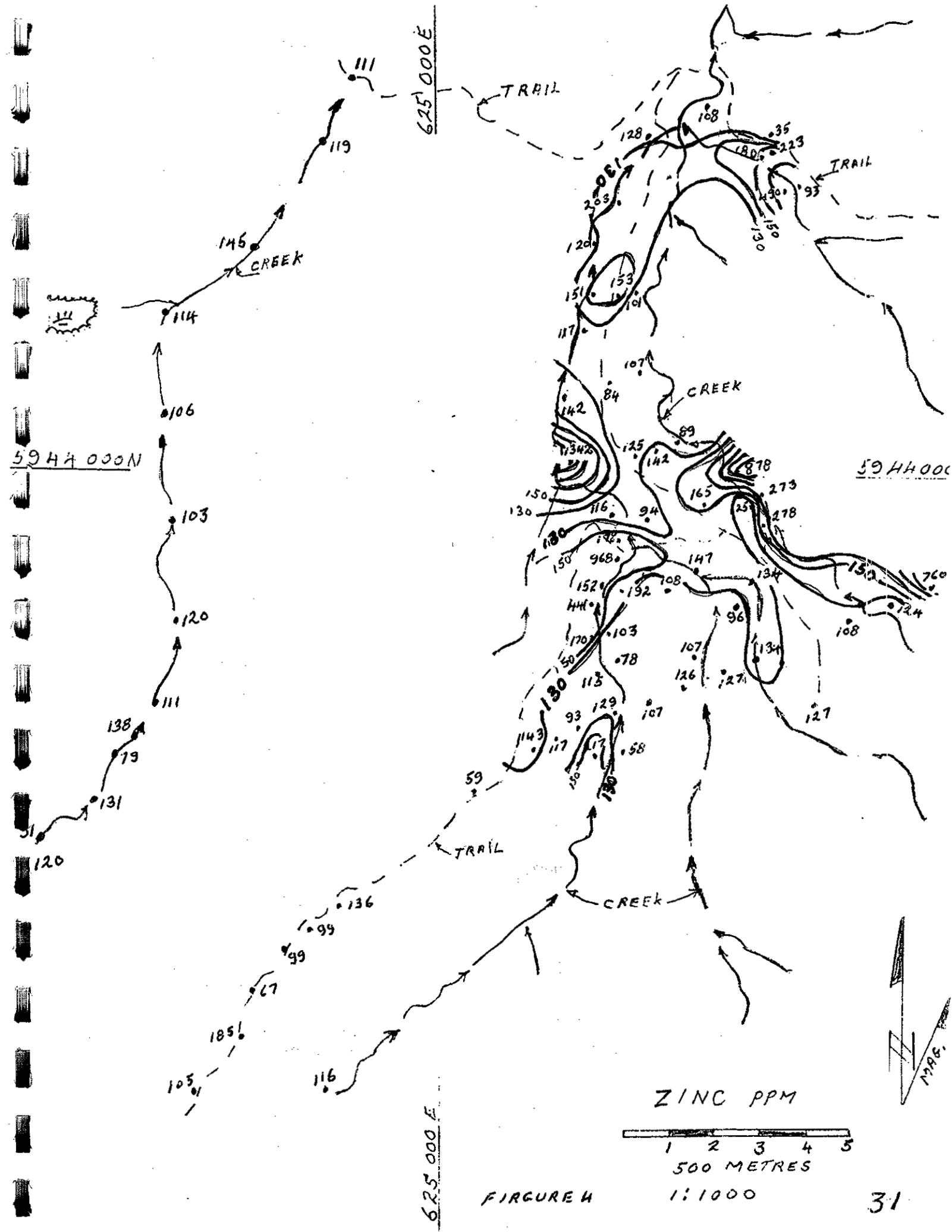
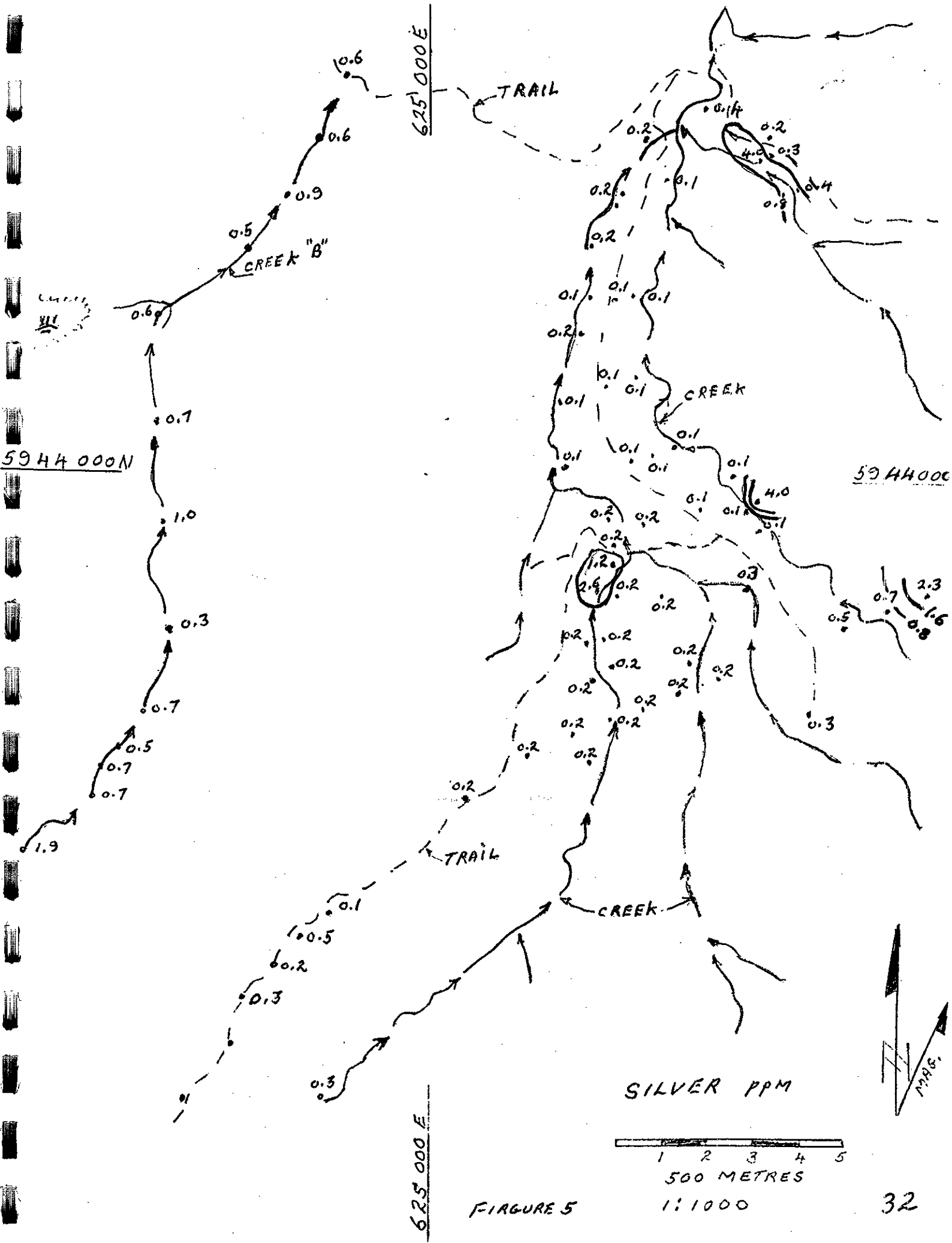


FIGURE 4



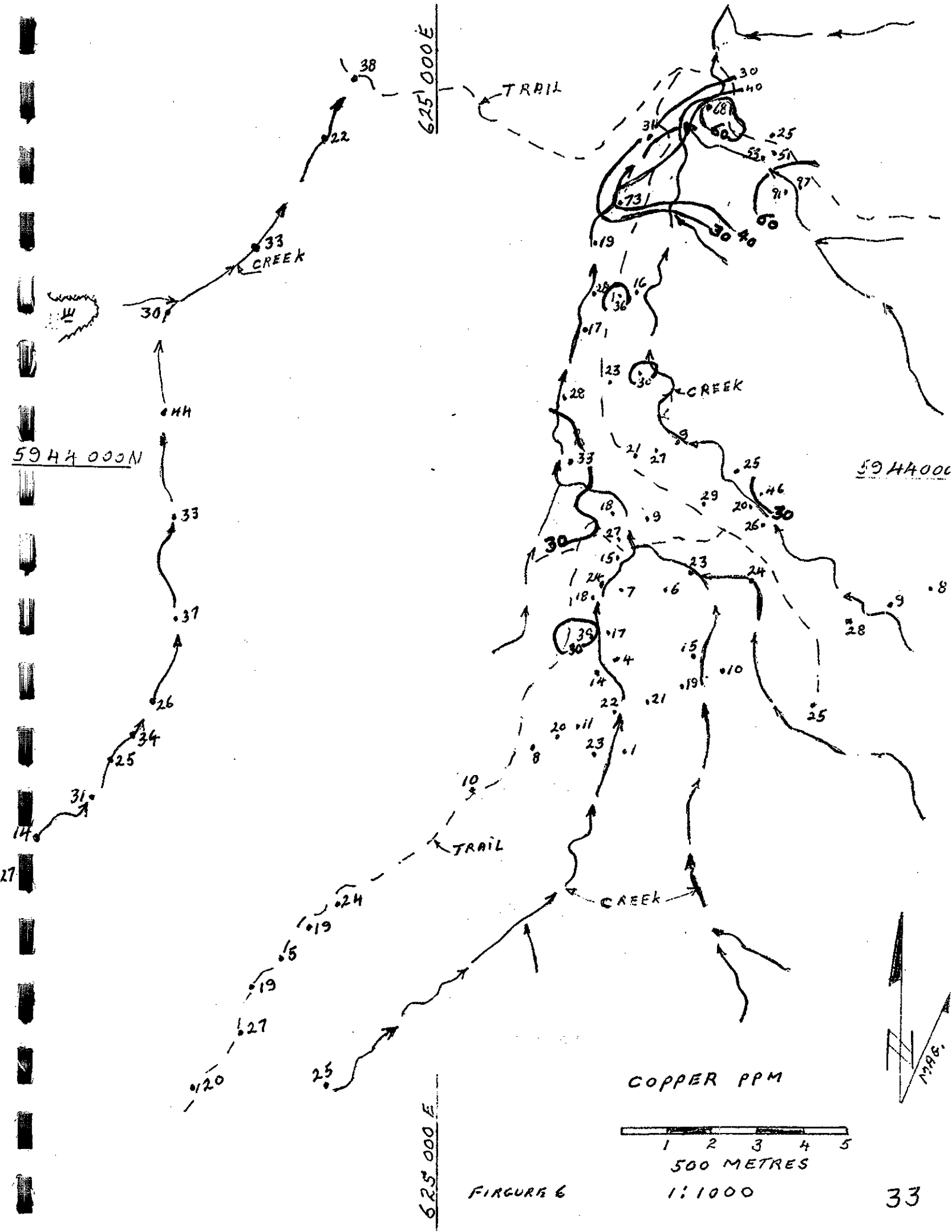
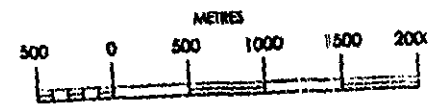


FIGURE 6

MAP 093E11E
093E 10 W
U.T.M. ZONE 9

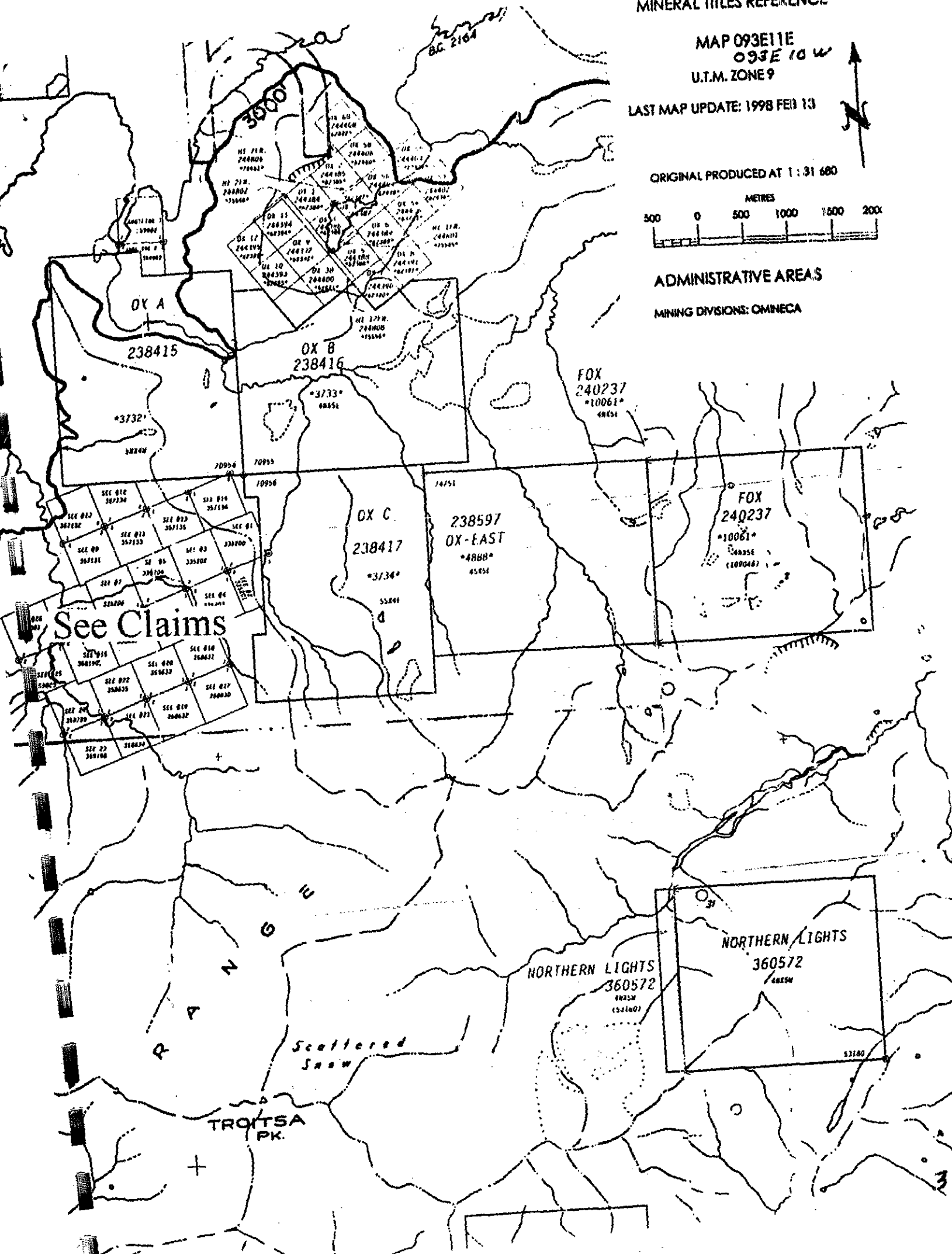
LAST MAP UPDATE: 1998 FEB 13

ORIGINAL PRODUCED AT 1:31 680



ADMINISTRATIVE AREAS

MINING DIVISIONS: OMNECA



OX A
238415

OX B
238416

OX C
238417

OX-EAST
238597

FOX
240237
10061
4856

FOX
240237
10061
4856
(109048)

See Claims

NORTHERN LIGHTS
360572
4825W
(151160)

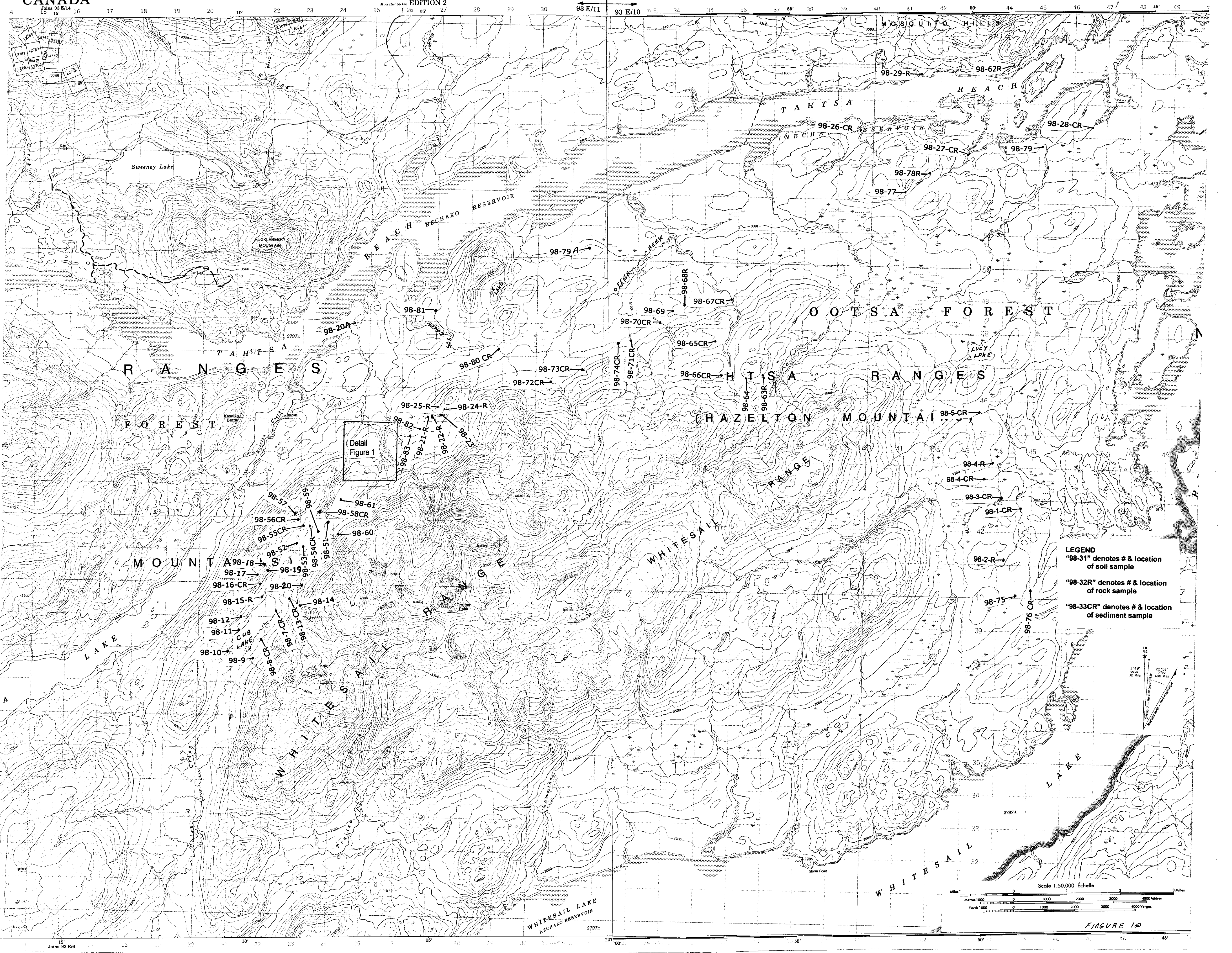
NORTHERN LIGHTS
360572
4825W

TROITSA
PK.

Scattered
Snow

R
A
N
G
E

53180



Detail Figure 1

LEGEND
 "98-31" denotes # & location of soil sample
 "98-32R" denotes # & location of rock sample
 "98-33CR" denotes # & location of sediment sample

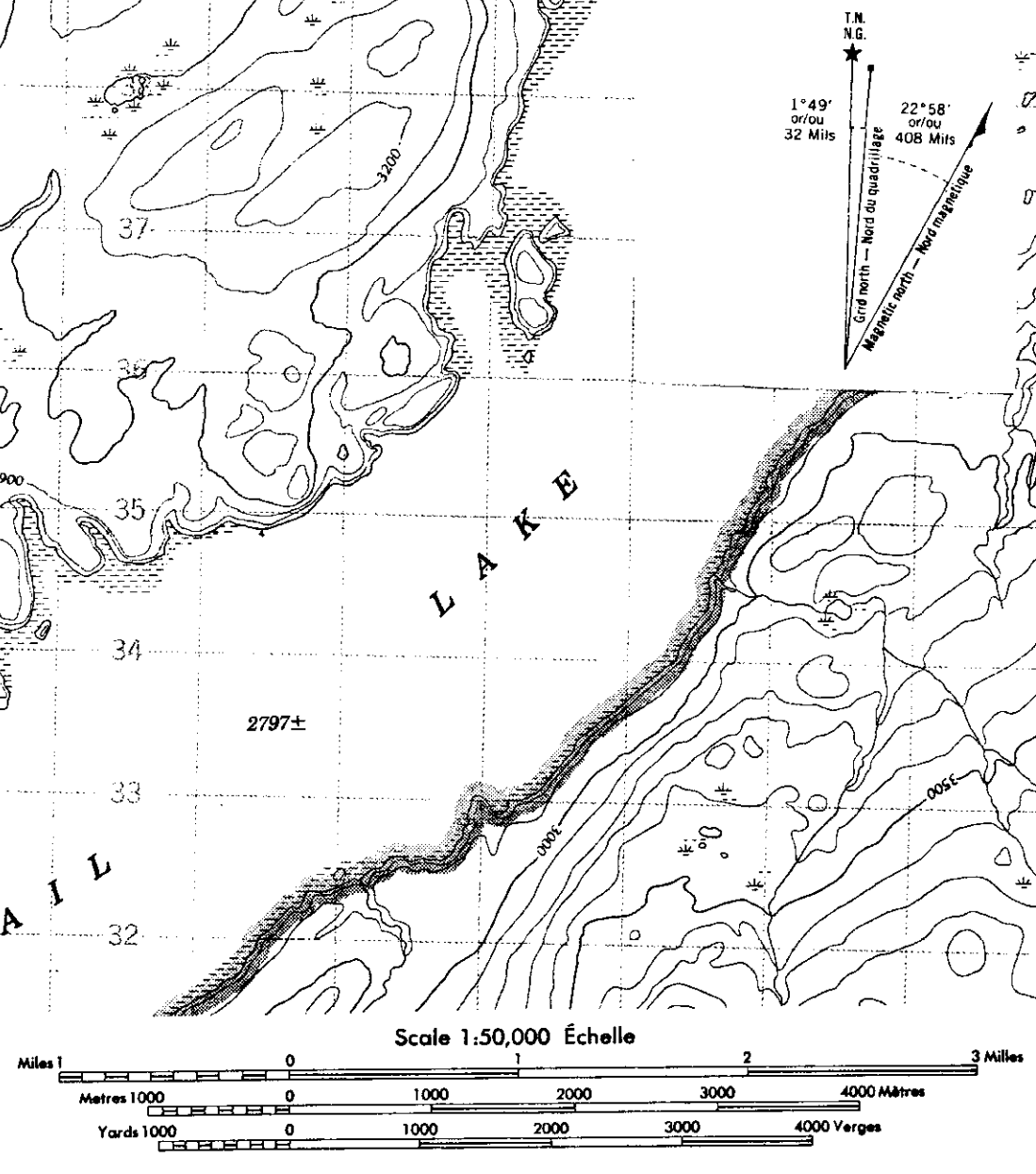


FIGURE 10