



## COCHRANE TOWNSHIP

A total of 31 days were spent evaluating the base metal and gold potential in Cochrane Twp. Twenty rock specimens were tested for geochem gold and 32 elements scan (aqua regia 10P). Thirty-one B horizon soil samples were also tested using the above method.

A number of interesting observations were made in the area. An area 150 feet wide and 200 feet long was found to be ankeritized with up to 10% pyrrhotite mineralization associated with an intermediate pyroclastic unit on lots 7 & 8 con II (L68W-20S-Norex Grid). Sample 7524 taken in this alteration returned values of 206 Co, 356 Ni and 270 ppm Cu. Very weak quadrature max-min crossovers were noted from maps of Noranda Exploration over this zone.

A sample of rhyolite quartz-eye porphyry (7526) taken on L16W-15S returned showing 122 ppb Au and 207 ppm Cu.

A float of altered basalt (ankerite, silicified, 1% py) from L22W-9S showed 900 ppm Ni.

A sample of rhyolite (1% py) taken from the island at 26S-26E showed 356 ppb Au.

A number of silicified, hematized basalts with minor disseminated pyrite and quartz-ankerite veinlets were noted in float and in one small outcrop at L0W-0S. These appear quite similar to altered basalts associated with the Lightning Zone in the Harker-Holloway area. Sample 7517 ran 11 ppb Au.

An agglomerate unit note in 1992 on the East Block was followed westward to highway 101. Clast size and frequency are reduced to the west indicating a volcanic centre to the east.

The results of soil geochemistry on the east block were generally poor. Only slightly anomalous gold values were noted. Attempts to follow up a chalcopyrite showing were hampered by the poor exposure of bedrock in this area.

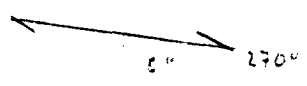
A powerstripping program planned for the west block had to be abandoned when the backhoe was unable to access the area due to wet conditions at the time.

The results of the program were positive in that anomalous values in base metals were found to occur in altered rocks associated with intermediate pyroclastic rocks (agglomerate); altered basalts noted in float and in outcrop could provide a host for gold mineralization under the right conditions; and anomalous gold values occur in the sericite schists on the east block.

Future work would have to include powerstripping, on tracked machinery, to overcome the sparsity of outcrop in the area.

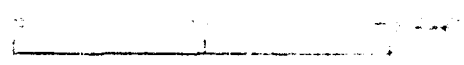


Figure 7



7515  
7524 → X  
Co-206 ppm  
Co-206 ppm  
Co-206 ppm  
25 12  
2-15 2-15 2-15  
2-15 2-15 2-15

Sample 1  
Sample 2  
Sample 3  
Sample 4  
Sample 5



LOT 9

LOT 8

LOT 7

CON III

CON II

Asymmet

7515, 7518, 7524

7519, 7516

No 1/6

No 1/6

ROAD

FACILITY

NO. 1

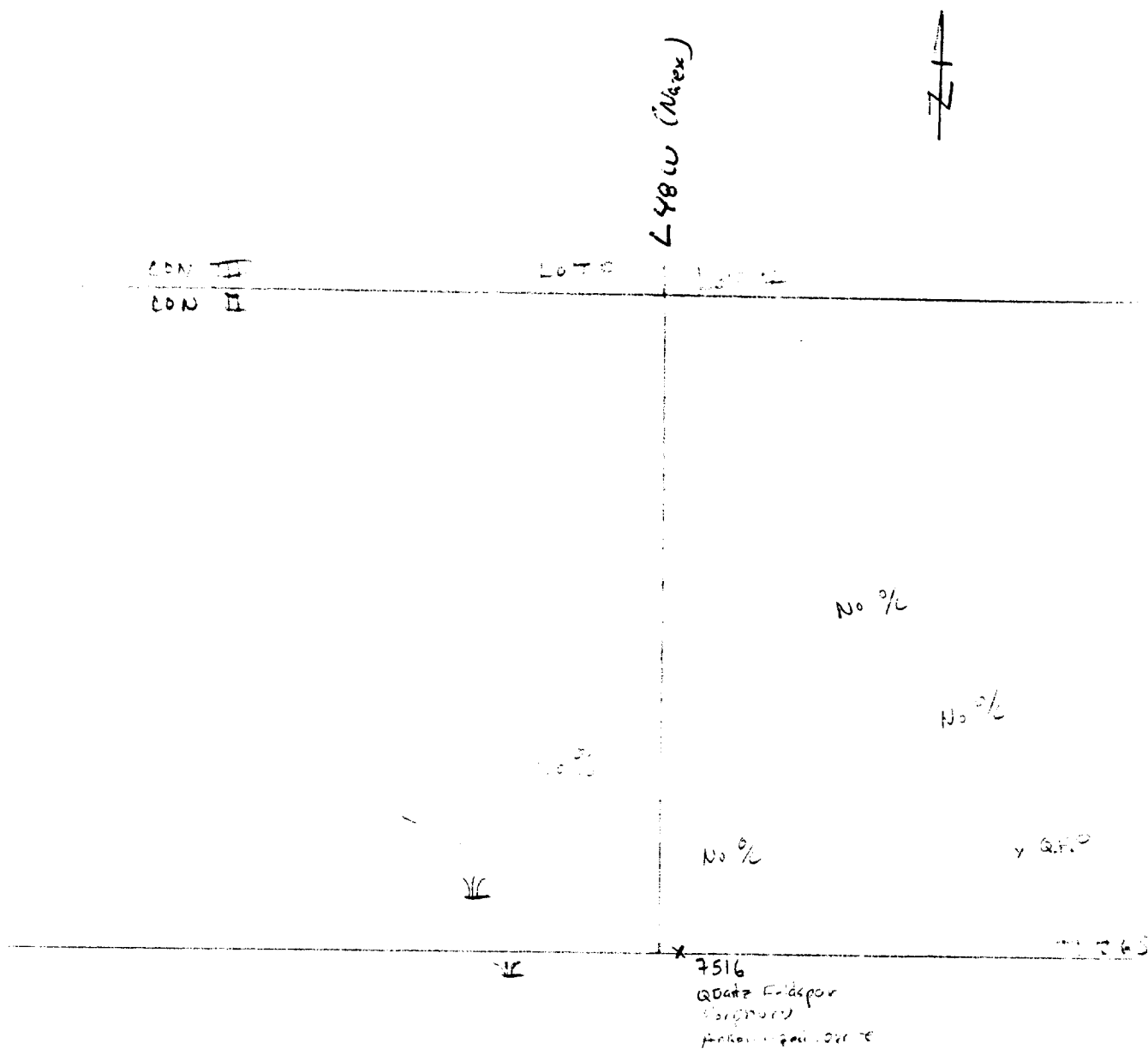
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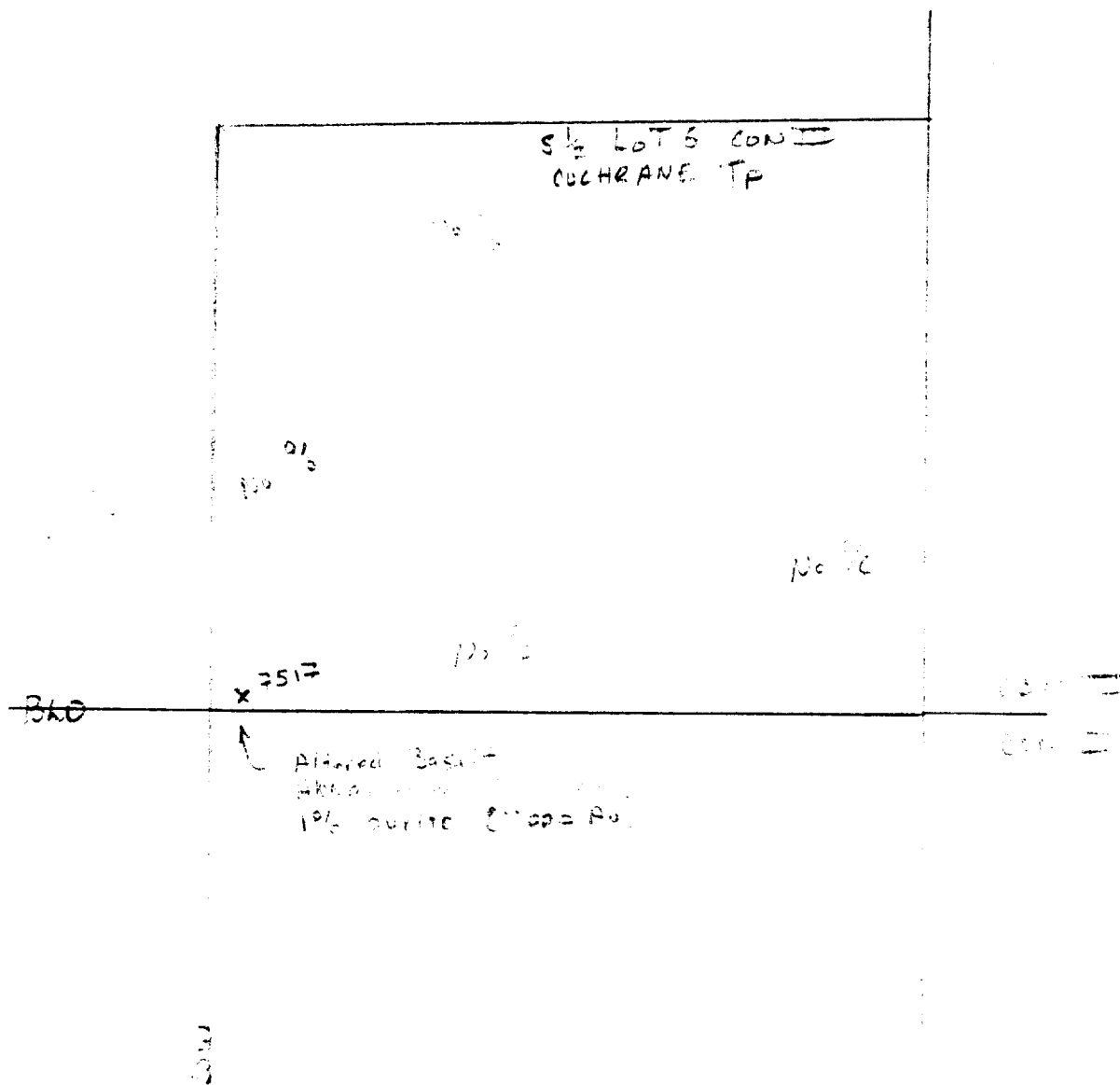
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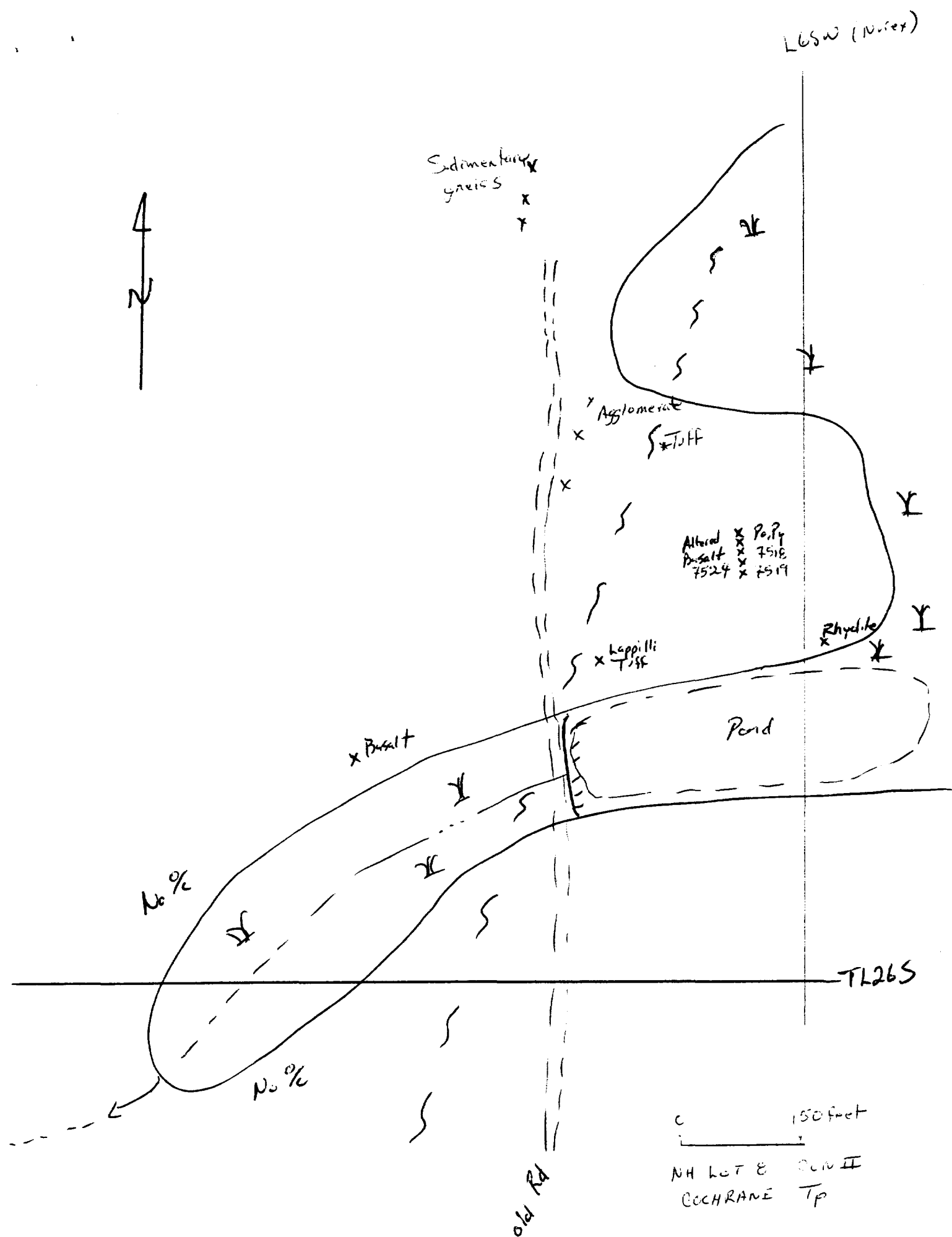
CON III

CON II





Scale  
1 inch = 1 mile  
June 13, 1905



0 150 feet  
 NH LOT 8 COCHRANE Tp

## Shibley-nong Kong Townships

A total of eight days were spent prospecting in Shibley, Blamey and nong Kong Townships. The purpose of the program was to find base metal mineralization associated with the contact between basalts and gabbro intrusions.

Chalcopyrite was noted on the shore of a small lake near the centre of Shibley Twp. Sample 7501 ran 106 Ni, 1960 Cu and 565 Zn. This mineralization occurs near the nose of an east plunging fold. The Canadian Nickle Co. drilled a hole in the vicinity of this occurrence the collar of which could not be located.

Pyrite and pyrrhotite were also noted in the rocks along the Sultan road in Blamey Twp. Sample 7520 showed 111 Ni, 448 Cu(ppb).

Pyrite and pyrrhotite were also noted in outcrops in nong Kong Twp. but did not show colour when tested with dimethyl glyoxime.

## Neill Township

The pupose of the Neill project was to follow up a stream sediment geochem program (OP-90119). The objective was to locate the source of a float found by prospectors in the 1970s that gave economic values in Ni, Co, Cu, Zn, Pb, and Ag.

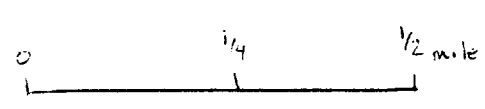
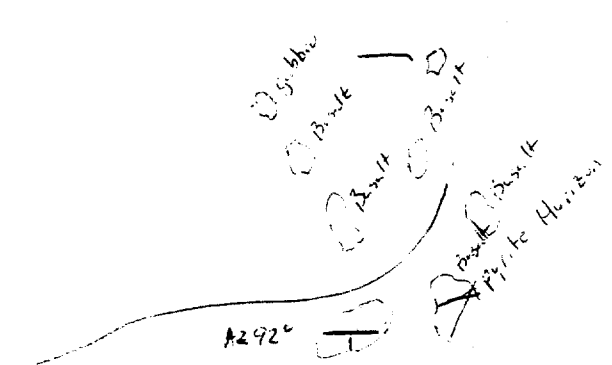
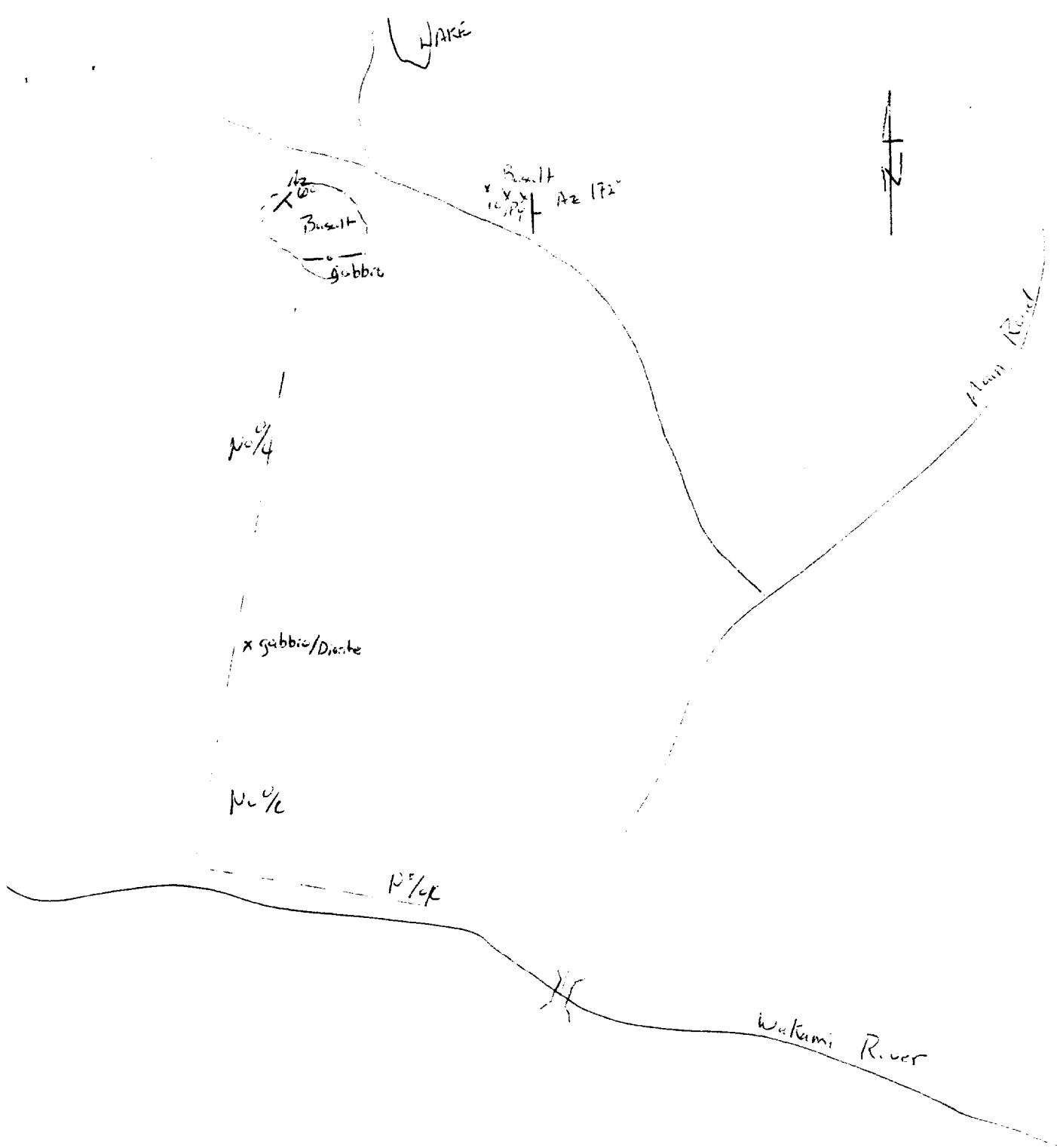
An anomalous stream sediment sample was taken in 1990 which ran in zinc. An outcrop in the stream bed is beleived to be anthophyllite. A six unit claim was staked to cover the upstream geology.

The plan was to do a reconnaissance soil geochem and VLF survey over the claim on widely spaced lines. Due to contractual obligations this could not be carried out.

A total of seven days were spent prospecting the ground. Five bedrock specimens were shipped for analysis. Two returned anomalous values in copper (7525-1630ppb, 7512-1580ppb).

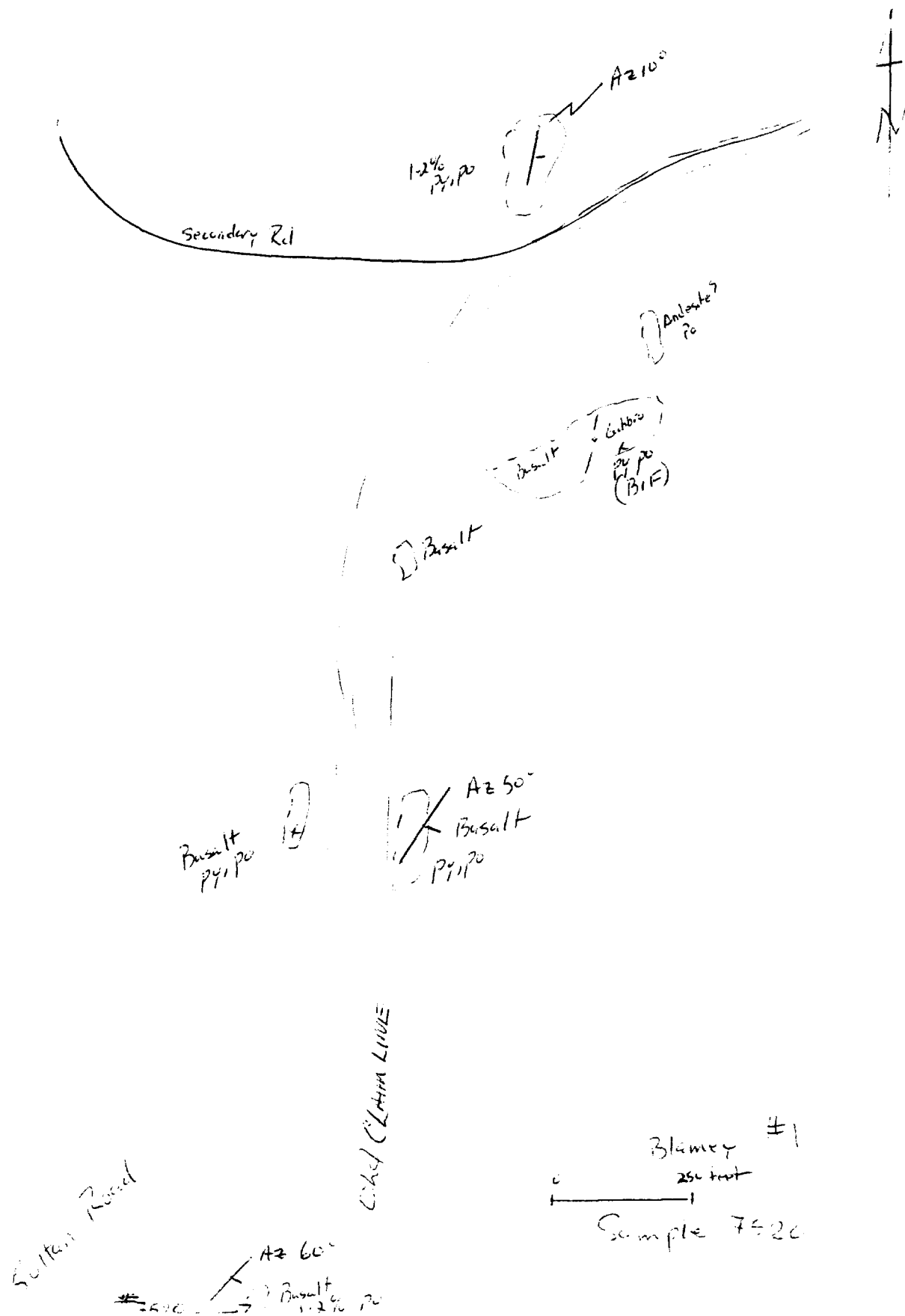
A banded iron formation was noted in the central portion of the property. Pyrite and minor pyrrhotite were noted.

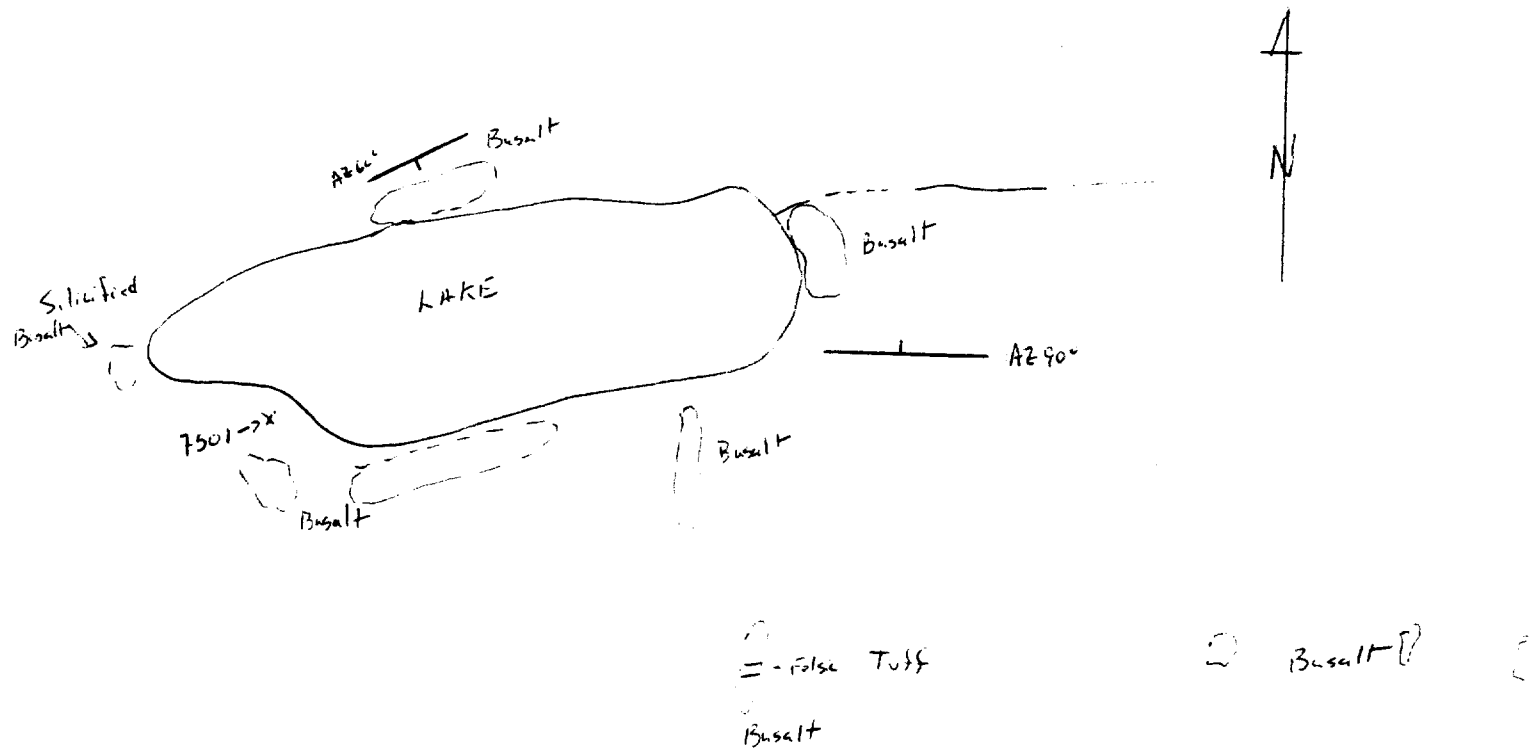
Due to the presence of anthophyllite, and anomalous stream zinc values and copper values in outcrop, further work is strongly recommended in this area. The float which was found approximately one mile upstream of the property was of a basaltic gneiss with massive sulphides. It was not silicified to any degree and is not believed to have travelled far.



Long Kang TP



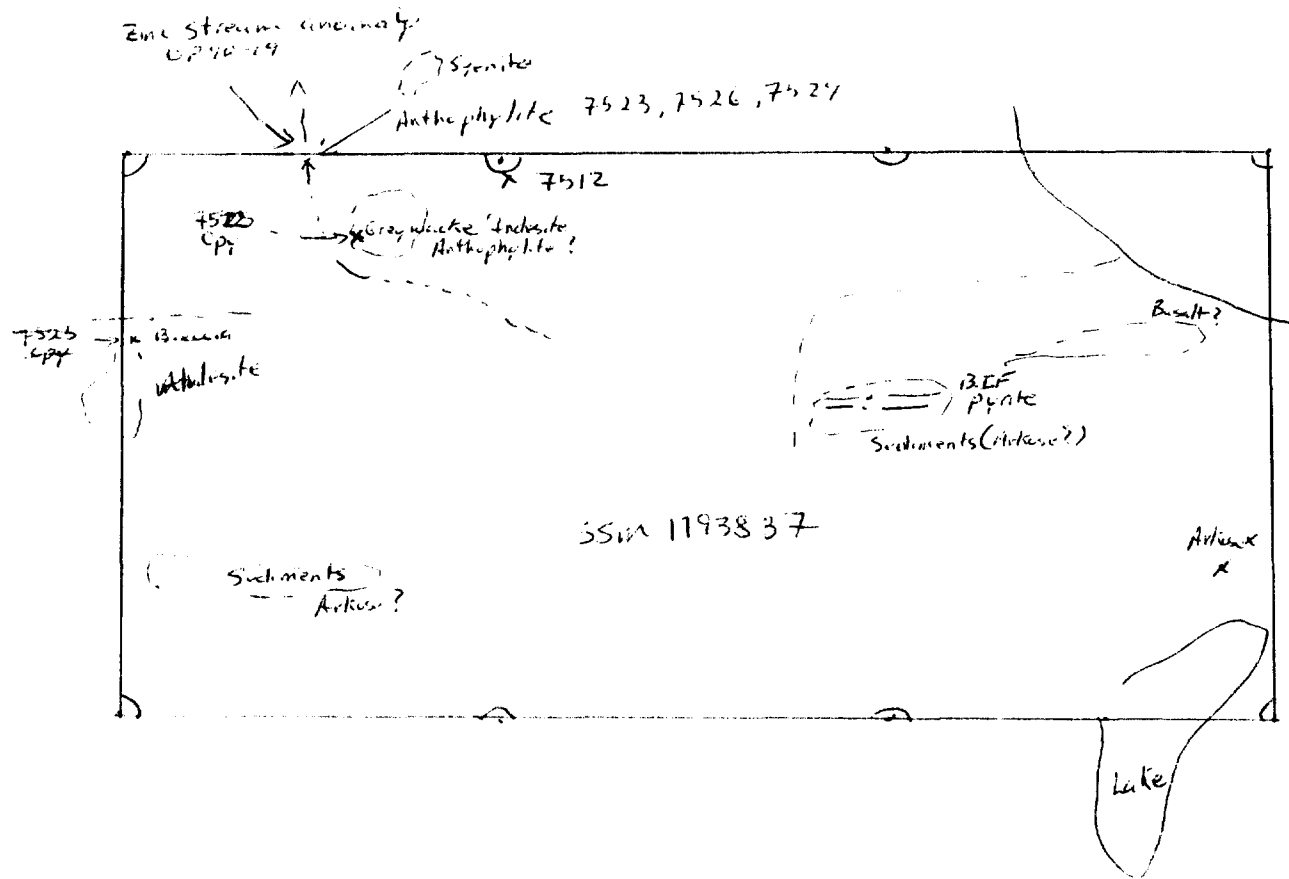




Shipton #1

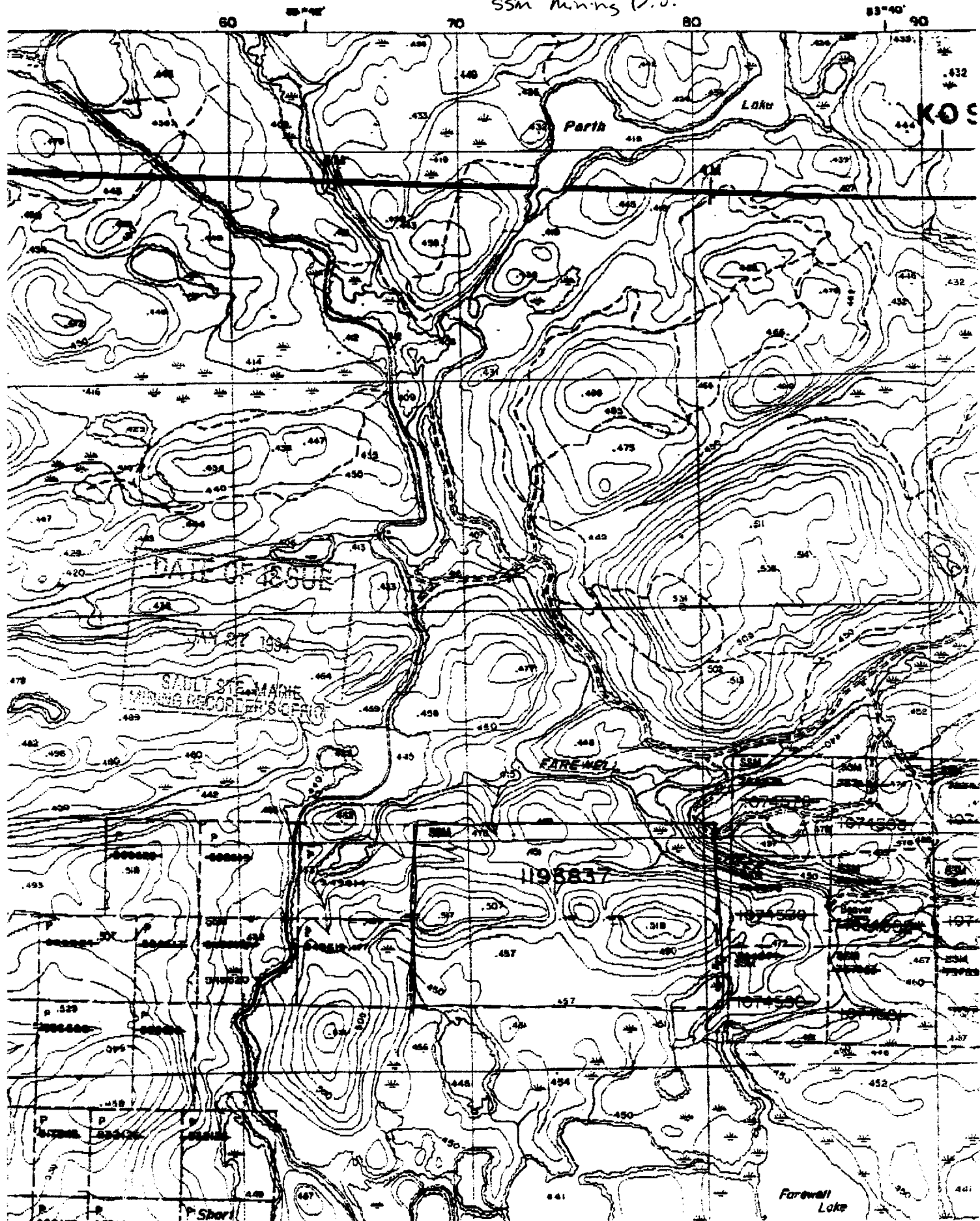
100 feet

Sample 7501



Neill Tr Property

OP 93-449  
Neill Tp  
SSM Mining Div.



**XRAL****LES LABORATOIRES XRAL LABORATORIES**

UNE DIVISION DE / DIVISION OF SGS INC.  
 150, 13e RUE • ROUYN-NORANDA • QUÉBEC J9X 2H6  
 TÉL. : (819) 764-9108 FAX : (819) 764-4673

**CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS**

1452

Nom de la Compagnie/Company: Mike Tremblay  
 Bon de Commande No/ P.O. No:  
 Projet/ Project No : OP-93  
 Date Soumis/ Submitted : Dec 08, 1993  
 Attention : MIKE TREMBLAY

Dec 15, 1993

No. D'Echantillon Sample No.	AU PPB	AU CHK PPB	AU CHK PPB	
7501	UK 146 Cu	-		Mafic Volcanic with 3-5% off Cpy 100 ppm Ni, 66 ppm Zn
C7502		5		Mafic Vole Qtz-Carb veining by 3-5% py
C7503		<5		Mafic Vole (Grapwacke?) Qtz Ankerite veinlets 1-2% py
C7504		17		Basalt Qtz Ankerite veins 1-3% pyrite trench 36
C7505		12		Rhyolite schist 1-3% pyrite Trench 36
C7506		7		Intermediate Tuff, Carb alt. 2-3% pyrite L40w 2125 Trench 36
C7507		<5		Rhyolite, Carb alt. 1-2% pyrite Trench 36
C7508		<5		Rhyolite, Carb alt. 1-2% py Trench 36
C7509		356	356	Rhyolite, 1-2% pyrite Island East Block
C7511		<5		Qtz-Sericite-Biotite gneiss 1-2% py Trench #3
7512	Ø 1560 Cu	<5		Qtz-calcite vein 1-2% Cpy
C7513		8		Intermediate Tuff 1-2% pyrite L40w 205
C7514		14		Rhyolite (Island) No pyrite, no alteration
C7515		<5		Mafic Volcanic Qtz Calc vein 1-3% py
C7516		<5		Rhyolite Qtz-eye porphyry, Carb alt., 1-2% py L48w 275
C7517		11		Basalt Qtz-ANK veins 1-2% py L60w, 0700 S
C7518		<5		Basalt Ankeritized 2-5% pyrrhotite L60w 205
C7519		<5		" " " " " " L63w 205
7520	HK	<5		Basalt 1-2% py
7521		17		Trachytic gneiss 1-2% pyrite Trench #20

Certifié par / Certified by :



**SGS** Membre du Groupe SGS (Société Générale de Surveillance)



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## CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

1468

Nom de la Compagnie/Company: Mike Tremblay  
Bon de Commande No/ P.O. No:  
Projet/ Project No : OP-93  
Date Soumis/ Submitted : Dec 10, 1993  
Attention : MIKE TREMBLAY

Dec 16, 1993

No. D'Echantillon Sample No.	AU PPB	AU PPB	CHK PPB	AU PPB	CHK PPB	
C7522	12	13	10			Basalt (moscovite rich) Rock Trench #31
7523 B	<5					Mafic volcanic with heavy mica (anthophyllite)
C7524 200 G	6					Basalt massive py 15-20% 1850 205 350 K. 270 G
7525 B	<5					anthophyllite grains?
C7526	122	110	134			Rhyolite Qtz-pyrophy 1-2% py (no carb) Rock
7527 B 1000 G	17					Mafic volcanic breccia, minor Qtz lining trace - 1% py
7528 900 G	<5					Basalt Qtz Anthophyllite lining 1% py 1120 195 1050 K
7529 B	<5					Anthophyllite grains

Certifié par / Certified by : 



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TÉL. : (819) 764-9108 FAX : (819) 764-4673

your ref: OP-93

our ref: 17020/1452A

CERTIFICAT D'ANALYSE/ASSAY CERTIFICATE

21-Dec-93

**MIKE TREMBLAY**  
P.O. BOX 393  
MATHESON,ONT.  
POK 1N0

Date Soumis/Submitted: **December 7, 1993**

No. of sample: 31

No. of pages: 2

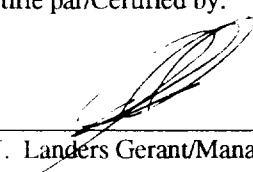
**ELEMENTS**

**METHOD**

32 elements scan

aqua regia/ICP

Certifie par/Certified by:

  
\_\_\_\_\_  
J. J. Landers Gerant/Manager



Membre du Groupe **SGS** (Societe Generale de Surveillance)

SAMPLE	BE PPM ICP	NA % ICP	MG % ICP	AL % ICP	P % ICP	K % ICP	CA % ICP	SC PPM ICP	TI % ICP	V PPM ICP	CR PPM ICP
L54E-26S	<.5	.02	.14	1.07	.06	.01	.10	1.1	.04	23	13
L54E-27S	<.5	.02	.11	1.03	.04	.02	.12	.8	.04	23	16
L54E-28S	<.5	.02	.12	.67	.04	<.01	.11	.6	.03	14	12
L54E-29S	.6	.02	.19	1.44	.03	.02	.11	1.1	.06	37	25
L54E-31S	.5	.02	.11	1.55	.03	.01	.07	1.1	.07	46	25
L54E-31S	<.5	.02	.13	.77	.03	.01	.14	.7	.04	19	14
L58E-26S	<.5	.01	.09	1.51	.04	<.01	.06	1.0	.04	25	17
L58E-27S	<.5	.01	.08	.90	.03	<.01	.07	.7	.04	27	15
L58E-28S	<.5	.02	.11	.91	.04	<.01	.10	.8	.04	19	15
L58E-29S	.7	.02	.26	1.61	.17	.03	.13	1.5	.07	43	29
L58E-30S	<.5	.01	.10	1.36	.09	.01	.03	1.0	.06	34	18
L58E-31S	<.5	.02	.08	1.31	.02	.01	.09	1.1	.05	25	17
L62E-26S	.7	.02	.33	1.60	.05	.03	.17	1.8	.09	47	34
L62E-27S	.6	.02	.37	1.29	.05	.03	.14	1.7	.09	37	33
L62E-28S	<.5	.01	.15	.96	.03	.02	.07	1.1	.06	29	19
L62E-29S	<.5	.01	.25	1.15	.05	.02	.13	1.3	.06	28	25
L62E-30S	<.5	.01	.23	1.15	.05	.02	.10	1.4	.07	32	26
L62E-31S	<.5	.01	.17	.96	.01	.02	.07	.9	.06	26	19
L62E-32S	.7	.02	.60	1.34	.03	.06	.17	3.1	.13	74	40
L62E-32S	<.5	.02	.33	.69	.03	.02	.19	1.5	.08	34	27
L66E-26S	<.5	.02	.51	1.03	.02	.02	.16	1.6	.10	36	47
L66E-27S	<.5	.02	.34	.82	.05	.01	.25	1.9	.07	28	36
L66E-28S	<.5	.01	.11	.39	<.01	.01	.05	<.5	.07	25	16
L66E-29S	<.5	.02	.18	.53	.05	.02	.67	4.4	.03	13	24
L66E-30S	<.5	.02	.49	.76	.08	.08	.31	2.2	.12	48	24
L66E-31S	<.5	.01	.04	.27	.03	.02	.09	.6	.10	25	13
L66E-32S	<.5	.01	.11	.64	<.01	.01	.07	.7	.05	14	13
L66E-32S	<.5	.01	.11	.76	.01	.01	.07	.7	.07	29	16
L66E-35S	.6	.02	.53	1.05	.03	.10	.23	3.4	.13	60	36
L66E-36S	<.5	.01	.17	1.23	.04	.02	.13	1.1	.05	25	21
L66E-3450S	<.5	.01	.43	.56	.02	.05	.23	1.2	.12	32	62
D L54E-26S	<.5	.01	.14	1.08	.06	.01	.11	1.0	.04	23	19
D L62E-26S	.7	.01	.32	1.56	.06	.02	.17	1.8	.08	46	33
D L66E-30S	<.5	.01	.49	.76	.08	.03	.31	2.2	.12	48	24

SAMPLE	MN PPM ICP	FE % ICP	CO PPM ICP	NI PPM ICP	CU PPM ICP	ZN PPM ICP	AS PPM ICP	SR PPM ICP	Y PPM ICP	ZR PPM ICP	MO PPM ICP
L54E-26S	111	1.17	4	9	8.9	22.1	<3	3.9	2.2	2.0	<1
L54E-27S	268	1.34	4	7	16.4	57.5	<3	6.9	1.8	.9	<1
L54E-28S	68.0	.64	2	7	13.7	15.1	<3	3.6	1.5	.6	<1
L54E-29S	162	1.89	5	10	20.7	29.2	<3	4.4	2.0	1.8	<1
L54E-30S	39.0	1.97	2	6	9.6	12.8	<3	4.0	1.2	2.8	<1
L54E-31S	35.0	.85	3	9	10.0	10.4	<3	5.5	2.0	2.1	<1
L58E-26S	59.0	1.26	3	7	10.3	16.7	<3	2.8	1.9	<.5	<1
L58E-27S	145	1.25	2	5	4.0	13.9	<3	3.7	1.5	1.6	<1
L58E-28S	87.0	.92	3	6	6.1	11.4	<3	3.9	2.1	1.1	<1
L58E-29S	201	2.37	5	12	12.6	36.1	<3	6.3	2.0	1.8	<1
L58E-30S	58.0	1.54	3	7	16.1	16.3	<3	4.5	1.7	2.3	<1
L58E-31S	33.0	1.22	2	5	4.2	8.8	<3	7.2	2.0	2.1	<1
L62E-26S	127	2.36	6	20	13.2	28.2	<3	8.2	2.9	2.4	<1
L62E-27S	252	1.95	8	20	16.9	30.5	<3	5.9	2.5	2.6	<1
L62E-28S	79.0	1.26	3	9	11.2	31.4	<3	4.1	1.7	2.1	<1
L62E-29S	134	1.46	6	17	10.2	34.4	<3	5.9	2.0	1.5	<1
L62E-30S	230	1.76	5	12	11.0	25.2	<3	4.8	2.0	2.0	<1
L62E-31S	68.0	1.39	4	13	8.0	32.1	<3	4.2	1.6	2.2	<1
L62E-32S	275	2.93	14	33	38.4	53.8	<3	8.4	2.6	2.9	2
L62E-33S	30.0	1.20	4	19	34.1	27.9	<3	7.8	2.6	1.7	<1
L66E-26S	95.0	1.37	6	31	24.5	41.4	<3	6.9	2.9	1.9	<1
L66E-27S	127	1.19	5	18	18.9	34.4	<3	10.4	4.0	.8	<1
L66E-28S	53.0	.69	2	4	9.2	14.1	<3	3.5	1.1	1.1	<1
L66E-29S	65.0	.49	3	10	36.6	33.3	<3	20.0	6.3	2.2	1
L66E-30S	142	1.41	2	9	14.9	36.8	<3	14.0	4.3	3.0	1
L66E-31S	351	.60	3	2	19.1	21.0	<3	6.8	1.1	<.5	2
L66E-32S	49.0	.67	2	6	8.1	23.3	<3	4.2	1.9	1.4	<1
L66E-33S	59.0	1.33	3	6	9.3	23.7	<3	5.0	1.8	1.4	<1
L66E-35S	190	1.94	8	19	25.4	46.1	<3	11.7	3.9	1.0	2
L66E-36S	118	1.38	5	14	8.0	20.8	<3	6.2	2.6	1.1	<1
L66E-3450S	179	1.00	9	36	18.4	40.8	<3	14.2	5.4	1.9	1
D L54E-26S	111	1.18	4	8	9.8	22.6	<3	3.9	2.2	1.7	<1
D L62E-26S	122	2.31	6	19	13.2	27.4	<3	7.9	2.9	2.1	<1
D L66E-30S	141	1.41	3	9	14.1	36.3	<3	13.5	4.3	2.1	<1

SAMPLE	AG PPM ICP	CD PPM ICP	SN PPM ICP	SB PPM ICP	BA PPM ICP	LA PPM ICP	TA PPM ICP	W PPM ICP	PB PPM ICP	BI PPM ICP
L54E-26S	.2	<1	<10	<5	23	9.8	<1	<10	5	<3
L54E-27S	<.1	<1	<10	<5	58	9.1	<1	<10	5	<3
L54E-28S	.5	<1	<10	<5	19	6.6	2	<10	<2	<3
L54E-29S	.1	<1	<10	<5	45	8.1	2	<10	7	<3
L54E-30S	<.1	<1	<10	<5	20	7.0	1	<10	5	4
L54E-31S	.3	<1	<10	<5	22	9.1	1	<10	<2	<3
L58E-26S	.2	<1	<10	<5	32	9.0	2	<10	<2	<3
L58E-27S	<.1	<1	<10	<5	51	8.5	<1	<10	3	<3
L58E-28S	<.1	<1	<10	<5	33	9.2	4	<10	<2	<3
L58E-29S	<.1	<1	<10	<5	90	9.8	<1	<10	3	<3
L58E-30S	.1	<1	<10	<5	28	8.7	<1	<10	3	<3
L58E-31S	.1	<1	<10	<5	32	9.2	3	<10	<2	<3
L62E-26S	<.1	<1	<10	<5	99	13.6	1	<10	<2	<3
L62E-27S	.1	<1	<10	<5	35	12.4	<1	<10	<2	<3
L62E-28S	.2	<1	<10	<5	23	10.2	1	<10	3	<3
L62E-29S	.3	<1	<10	<5	39	8.7	2	<10	<2	<3



SAMPLE	AG PPM ICP	CD PPM ICP	SU PPM ICP	SE PPM ICP	BA PPM ICP	LA PPM ICP	TA PPM ICP	W PPM ICP	PB PPM ICP	BI PPM ICP
L62E-31S	<.1	<1	<10	<5	40	9.7	<1	<10	5	<3
L62E-31S	.4	<1	<10	<5	37	8.8	<1	<10	<2	<3
L62E-32S	<.1	<1	<10	<5	42	11.2	2	<10	<2	3
L62E-33S	<.1	<1	<10	<5	35	10.2	1	<10	<2	<3
L66E-26S	<.1	<1	<10	<5	45	15.6	<1	<10	5	<3
L66E-27S	.2	<1	<10	<5	45	14.9	2	<10	<2	<3
L66E-28S	<.1	<1	<10	<5	16	9.7	<1	<10	3	<3
L66E-29S	.3	<1	<10	<5	69	17.2	2	<10	4	<3
L66E-30S	<.1	<1	<10	<5	53	10.0	<1	<10	3	<3
L66E-31S	.2	<1	<10	<5	50	9.3	1	<10	17	<3
L66E-32S	.3	<1	<10	<5	24	10.7	<1	<10	<2	<3
L66E-33S	.1	<1	<10	<5	30	9.9	<1	<10	<2	<3
L66E-35S	.3	<1	<10	<5	76	15.2	1	<10	3	<3
L66E-36S	.4	<1	<10	<5	37	11.6	1	<10	2	3
L66E-345CS	.2	<1	<10	<5	58	19.5	<1	<10	6	<3
D L54E-26S	<.1	<1	<10	<5	23	9.3	<1	<10	6	<3
D L62E-26S	.1	<1	<10	<5	97	13.4	1	<10	2	<3
D L66E-31S	<.1	<1	<10	<5	53	10.1	<1	<10	<2	<3

SAMPLE	BE PPM ICP	NA % ICP	MG % ICP	AL % ICP	P % ICP	K % ICP	CA % ICP	SC PPM ICP	TI % ICP	V PPM ICP	CR PPM ICP
7501	1.0	.04	.20	.34	.05	.03	.43	<.5	.02	11	132
7502	.9	.08	.94	.93	.09	.68	1.58	6.0	.08	41	183
7503	1.3	.14	.45	.75	.19	.16	2.13	9.2	.06	12	92
7504	.9	.08	1.25	1.47	.03	.43	.65	3.4	.10	90	120
7505	<.5	.02	.06	.05	<.01	<.01	.43	<.5	<.01	4	236
7506	<.5	.08	.27	.46	.04	.17	.19	2.2	.02	30	117
7507	<.5	.07	.36	.52	.04	.23	.44	.7	.02	9	133
7508	.8	.08	1.49	1.72	.08	.61	2.66	4.1	.13	50	103
7509	.6	.06	.47	.77	.04	.55	.13	2.5	.09	37	166
7511	.5	.06	.23	.48	.04	.32	.17	.9	.03	12	141
7512	<.5	.04	.80	.59	.02	.02	.65	1.7	<.01	32	229
7513	<.5	.06	.55	.62	.04	.21	.41	1.4	.05	20	141
7514	<.5	.03	.06	.27	.01	.13	.05	<.5	<.01	7	238
7515	1.0	.09	1.74	1.46	.16	1.29	4.05	8.5	.17	89	203
7516	1.0	.07	1.05	.72	.11	.20	1.53	6.4	<.01	31	118
7517	1.1	.11	1.28	1.15	.18	1.03	1.71	7.8	.15	89	100
7518	<.5	.04	.14	.47	.02	.06	.57	2.3	.10	28	80
7519	<.5	.08	.39	.60	.04	.09	.51	1.0	.01	22	135
7520	2.6	.08	.60	.96	.01	.04	1.07	4.1	.11	40	100
7521	.7	.05	.09	.43	.05	.27	.21	.5	<.01	6	106
D 7501	1.1	.04	.21	.36	.04	.02	.45	<.5	.02	11	136
D 7514	.5	.03	.06	.28	.01	.13	.05	<.5	<.01	7	243

SAMPLE	MN PPM ICP	FE % ICP	CO PPM ICP	NI PPM ICP	CU PPM ICP	ZN PPM ICP	AS PPM ICP	SR PPM ICP	Y PPM ICP	ZR PPM ICP	MO PPM ICP
7501	353	6.29	26	106	1960	665	<3	5.6	1.5	.8	2
7502	458	2.65	13	47	23.8	21.8	<3	61.9	9.9	5.8	7
7503	994	5.45	12	3	41.7	67.3	<3	24.8	20.5	2.7	1
7504	378	4.24	18	24	33.4	142	<3	15.6	3.3	3.5	3
7505	156	2.06	7	10	84.6	40.2	<3	2.7	.8	<.5	2
7506	211	.84	2	4	18.5	35.5	<3	10.8	3.7	3.7	4
7507	258	1.07	4	4	16.8	64.5	3	14.0	4.1	3.7	1
7508	561	2.94	13	41	13.2	40.0	<3	63.4	8.5	7.3	1
7509	335	2.42	13	31	22.8	75.0	<3	11.0	4.7	2.5	2
7511	318	1.12	14	31	24.6	47.5	<3	11.7	3.7	7.4	4
7512	426	1.49	7	20	1560	26.3	<3	8.0	3.0	1.4	<1
7513	379	1.44	6	13	30.3	85.7	<3	14.0	3.8	4.3	4
7514	56.0	.86	<1	2	10.2	9.5	<3	6.7	4.6	1.3	<1
7515	480	3.25	35	81	30.6	41.4	<3	338	19.0	60.6	3
7516	613	3.35	16	42	41.0	58.6	<3	186	17.0	5.8	<1
7517	699	4.65	17	10	120	71.6	11	110	17.9	5.7	5
7518	66.0	1.69	24	58	76.7	3.3	<3	61.9	2.6	1.1	<1
7519	144	1.19	5	10	6.2	12.9	<3	14.6	3.7	7.6	3
7520	439	3.44	40	111	448	88.2	<3	12.4	2.6	1.5	31
7521	79.0	1.28	11	17	19.0	10.2	<3	15.9	6.4	14.9	2
D 7501	379	6.30	26	105	1940	665	<3	5.7	1.6	.7	2
D 7514	58.0	.86	1	3	10.8	10.2	<3	6.8	4.7	1.8	2

SAMPLE	AG PPM ICP	CD PPM ICP	SN PPM ICP	SB PPM ICP	BA PPM ICP	LA PPM ICP	TA PPM ICP	W PPM ICP	PB PPM ICP	BI PPM ICP
7501	3.4	3	<10	<5	30	7.2	<1	<10	3	<3
7502	<.1	<1	<10	<5	195	52.7	<1	<10	<2	<3
7503	<.1	1	<10	<5	30	10.9	<1	<10	<2	<3
7504	<.1	1	<10	<5	118	18.1	2	<10	<2	7
7505	.6	<1	<10	<5	6	1.9	<1	<10	<2	<3
7506	<.1	<1	<10	<5	51	7.2	<1	<10	29	<3
7507	<.1	<1	<10	<5	39	10.9	<1	<10	7	<3
7508	<.1	<1	<10	<5	257	47.8	2	<10	4	<3
7509	.6	<1	<10	<5	201	26.2	<1	<10	<2	<3
7511	.2	<1	<10	<5	87	17.9	2	<10	6	<3
7512	<.1	<1	<10	<5	7	7.4	<1	<10	<2	<3
7513	.1	<1	<10	<5	60	23.8	2	<10	23	<3
7514	<.1	<1	<10	<5	30	25.5	1	<10	3	<3
7515	.1	<1	<10	<5	577	40.5	2	<10	<2	<3
7516	<.1	<1	<10	<5	102	44.8	1	<10	5	6
7517	.3	<1	<10	<5	310	42.9	<1	21	3	<3
7518	<.1	<1	<10	<5	26	2.7	1	<10	<2	6
7519	<.1	<1	<10	<5	32	20.5	2	<10	5	<3
7520	<.1	<1	<10	<5	10	4.5	<1	<10	8	<3
7521	<.1	<1	<10	<5	137	31.6	<1	<10	<2	<3
D 7501	3.3	2	<10	<5	29	7.0	<1	<10	<2	<3
D 7514	<.1	<1	<10	<5	31	26.0	1	<10	<2	<3

SAMPLE	BE PPM ICP	NA % ICP	MG % ICP	AL % ICP	P % ICP	K % ICP	CA % ICP	SC PPM ICP	TI % ICP	V PPM ICP	CR PPM ICP
7522	1.2	.13	.52	.63	.04	.25	.79	4.0	.13	72	194
7523	1.3	.06	2.21	2.29	.05	.10	.29	5.5	.13	85	210
7524	2.1	.07	.74	.98	.01	.10	.51	3.0	.09	54	165
7525	.7	.12	1.23	1.39	.05	.07	.24	6.3	.11	80	229
7526	1.4	.04	.25	.75	.31	.45	.70	3.0	.04	12	115
7527	.7	.08	1.03	1.08	.03	.06	.19	6.3	.12	67	232
7528	2.6	.10	8.25	.20	<.01	.11	1.15	5.5	.01	32	486
7529	.8	.07	2.17	2.15	.05	.11	.32	6.7	.14	79	231
D 7522	1.2	.12	.54	.63	.04	.25	.79	4.2	.14	73	195

SAMPLE	MN PPM ICP	FE % ICP	CO PPM ICP	NI PPM ICP	CU PPM ICP	ZN PPM ICP	AS PPM ICP	SR PPM ICP	Y PPM ICP	ZR PPM ICP	MO PPM ICP
7522	291	7.34	9	22	94.4	15.9	38	29.2	2.5	<.5	3
7523	665	4.63	18	83	18.1	103	<3	5.1	7.9	4.5	2
7524	465	14.8	<u>206</u>	<u>356</u>	<u>270</u>	24.0	<3	18.4	2.5	<.5	2
7525	350	2.63	10	54	196	69.2	<3	4.2	7.1	4.2	2
7526	186	5.28	54	74	207	20.3	6	9.5	18.6	13.4	7
7527	415	2.58	9	44	<u>1690</u>	69.0	<3	2.3	7.1	5.1	<.1
7528	1050	4.66	69	<u>900</u>	56.6	54.3	191	109	8.4	6.7	<.1
7529	715	3.98	20	108	29.2	208	<3	9.4	7.9	2.4	2
D 7522	296	7.39	8	23	93.5	15.9	34	29.2	2.5	.9	3

SAMPLE	AG PPM ICP	CD PPM ICP	SH PPM ICP	SB PPM ICP	BA PPM ICP	LA PPM ICP	TA PPM ICP	W PPM ICP	PB PPM ICP	BI PPM ICP
7522	.3	2	<10	<5	84	9.5	<1	<10	3	3
7523	<.1	1	<10	<5	37	23.7	3	<10	<2	5
7524	.4	5	<10	<5	47	11.9	<1	<10	<2	13
7525	.4	<1	<10	<5	18	8.2	2	<10	30	<3
7526	1.0	1	<10	<5	40	13.8	<1	<10	<2	7
7527	2.2	<1	<10	<5	19	14.0	<1	<10	135	<3
7528	<.1	<1	<10	<5	221	3.5	<1	<10	2	<3
7529	.1	1	<10	<5	39	20.8	<1	<10	28	4
D 7522	.2	2	<10	<5	85	9.8	<1	<10	3	8



## LES LABORATOIRES XRAL LABORATORIES

UNE DIVISION DE / DIVISION OF SGS INC.  
150, 13e RUE • ROUYN-NORANDA • QUÉBEC J9X 2H6  
TÉL. : (819) 764-9108 FAX : (819) 764-4673

## CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

1452A

Nom de la Compagnie/Company: Mike Tremblay  
Bon de Commande No/ P.O. No:  
Projet/ Project No : OP-93  
Date Soumis/ Submitted : Dec 07, 1993  
Attention : MIKE TREMBLAY

Dec 15, 1993

No. D'Echantillon AU	AU	CHK	AU	CHK
Sample No.	PPB	PPB	PPB	PPB

L54E-26S	<5			
L54E-27S	<5			
L54E-28S	<5			
L54E-29S	6			
L54E-30S	<5			
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L58E-26S	<5			
L58E-27S	<5	<5	<5	
L58E-28S	<5	<5	<5	
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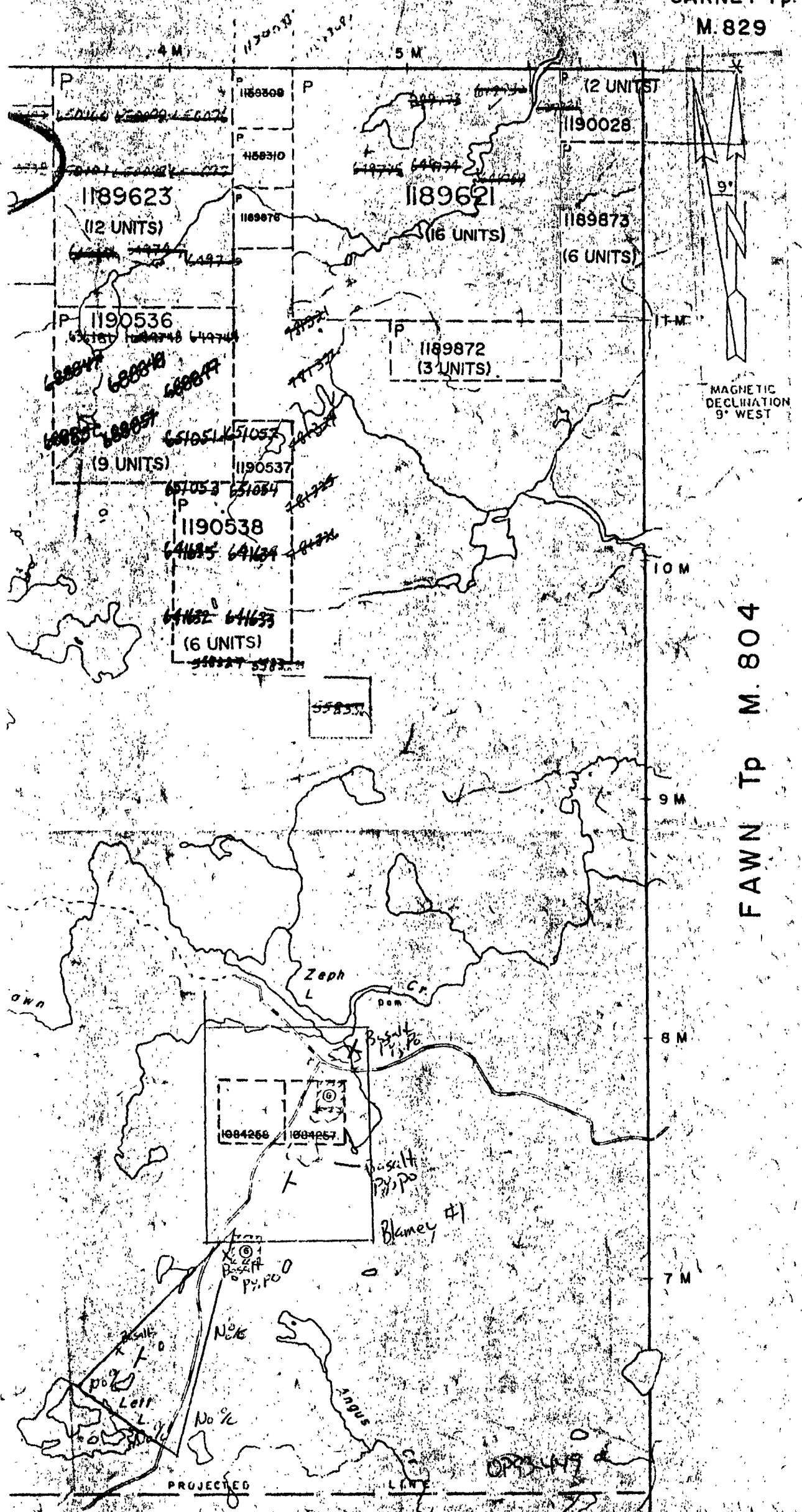
Certifié par / Certified by :



Membre du Groupe SGS (Société Générale de Surveillance)

M. 744

GARNET Tp.  
M. 829

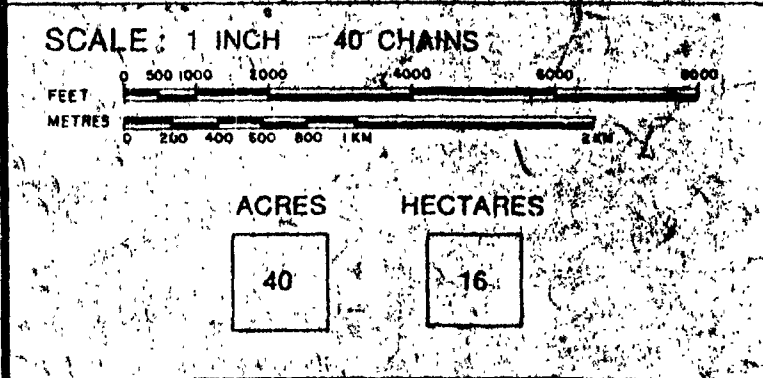


### LEGEND

HIGHWAY AND ROUTE No.	
OTHER ROADS	
TRAILS	
SURVEYED LINES:	
TOWNSHIPS, BASE LINES, ETC.	
LOTS, MINING CLAIMS, PARCELS, ETC.	
UNSURVEYED LINES:	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC.	
RAILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON-PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION	
ORIGINAL SHORELINE	
MARSH OR MUSKÉG	
MINES	

### DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT: SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LEASE: SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
CROWN LAND SALE	C.S.
ORDER-IN-COUNCIL	OC
RESERVATION	
CANCELLED	
SAND & GRAVEL	



TOWNSHIP **ISSUED**

**BLAMEY** JAN 3 1994

PORCUPINE MINING DIVISION

DISTRICT

SUDBURY

MINING DIVISION

PORCUPINE

Ministry of Natural Resources

Ontario, Surveys and Mapping Branch

Date: 11-7-94 Plan No. **M. 668**

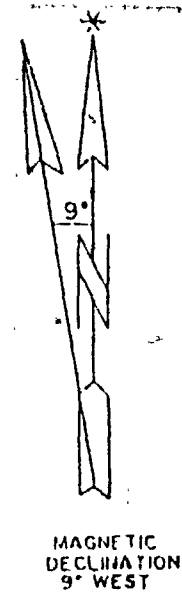
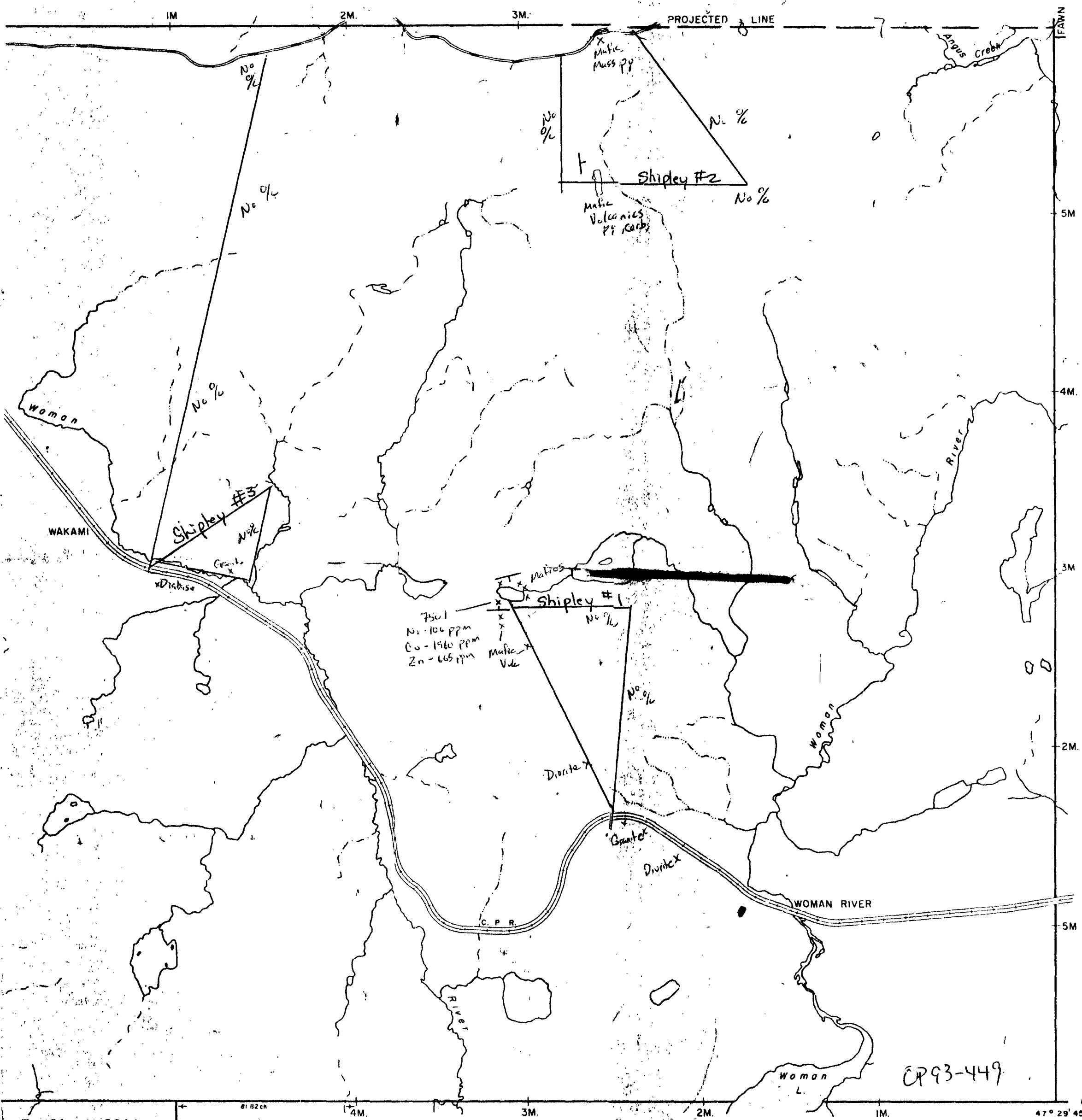
Whitney Block 2  
Queen's Park, Toronto

M. 1195



41015NE0001 OP93-449 COPPELL

BLAMEY Tp. M.668



HONG KONG Tp. M.934

LEGEND

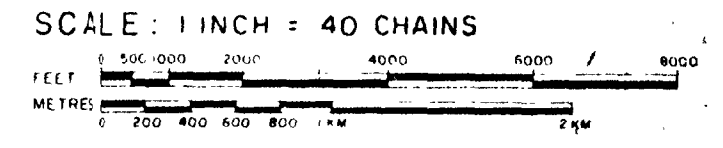
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
  - TOWNSHIPS, BASE LINES, ETC
  - LOTS, MINING CLAIMS, PARCELS, ETC
- UNSURVEYED LINES
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES

THE APPEAL HAS FROM AND GUARANTY WISHING CIPULT RECOGNITION DITIC ON T LANE

DISPOSITION OF CROWN LANDS

- | TYPE OF DOCUMENT                | SYMBOL |
|---------------------------------|--------|
| PATENT, SURFACE & MINING RIGHTS | ●      |
| " SURFACE RIGHTS ONLY           | ○      |
| " MINING RIGHTS ONLY            | ◐      |
| LEASE, SURFACE & MINING RIGHTS  | ■      |
| " SURFACE RIGHTS ONLY           | ◼      |
| " MINING RIGHTS ONLY            | ◻      |
| LICENCE OF OCCUPATION           | ▼      |
| CROWN LAND SALE                 | ○      |
| ORDER-IN-COUNCIL                | ○      |
| RESERVATION                     | ○      |
| CANCELLED                       | ○      |
| SAND & GRAVEL                   | ○      |

**ISSUED**  
 JAN 13 1994  
 PORCUPINE MINING DIVISION



ACRES	HECTARES
40	16

TOWNSHIP  
**SHIPLEY**  
 (TP. 19)

DISTRICT  
 SUDBURY

MINING DIVISION  
 PORCUPINE

340

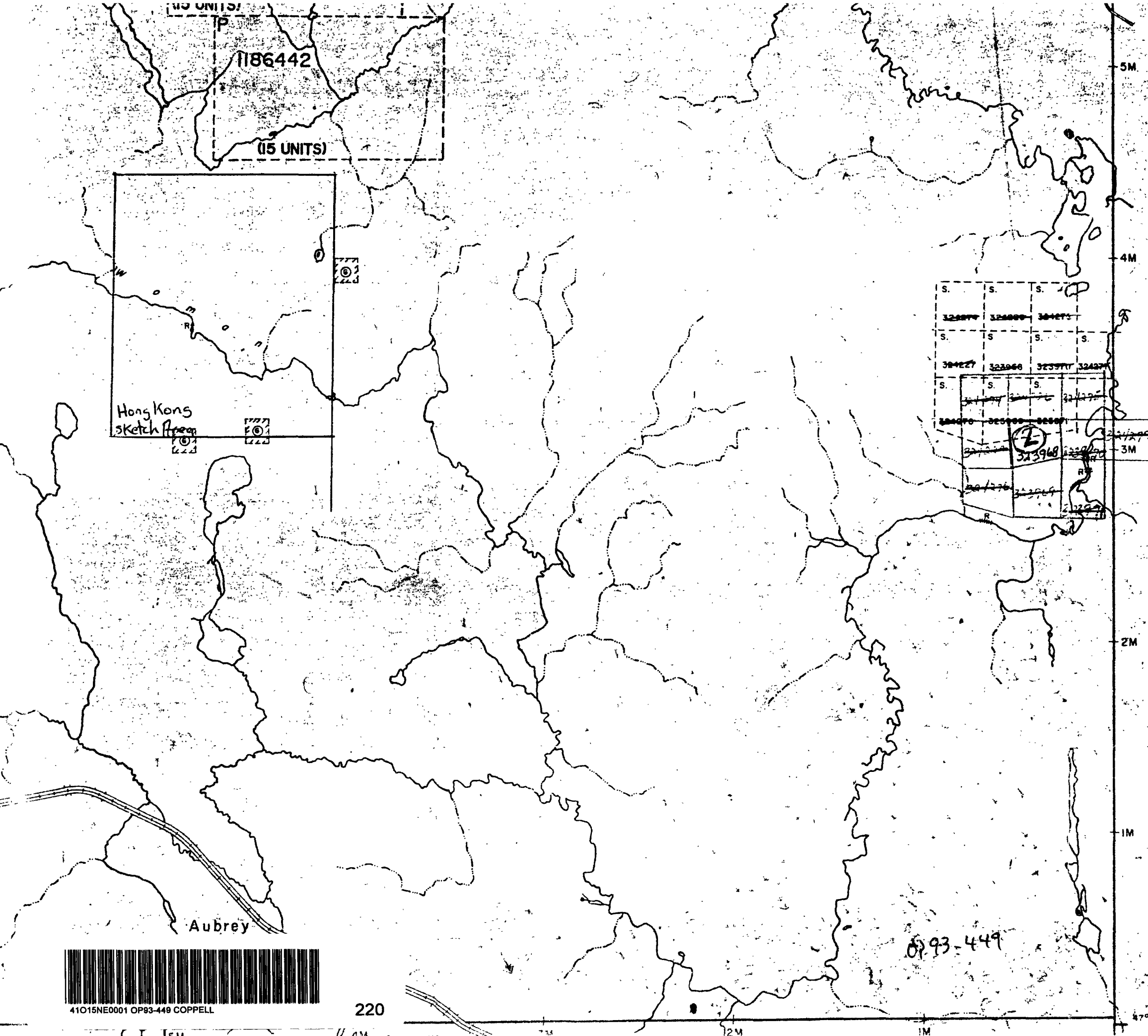
Received Feb. 12/80  
 ONTARIO  
 MINISTRY OF NATURAL RESOURCES  
 SURVEYS AND MAPPING BRANCH

DATE DECEMBER 25, 1972 PLAN No  
 M.1195

Tp. 10A M. 2244

SINGAPORE Tp. M.1347



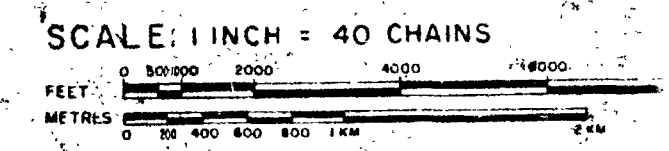


MAGNETIC DECLINATION WEST

FLOODING OR FLOODING RIGHTS  
 SUBDIVISION  
 ORIGINAL SHORELINE  
 MARSH OR MUSKEG  
 MINES

DISPOSITION OF CROWN LAND

TYPE OF DOCUMENT	SYMB
PATENT, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
" SURFACE RIGHTS ONLY	
" MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
CROWN LAND SALE	
ORDER-IN-COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	



ACRES	HECTARES
40	16

TOWNSHIP

**HONG KONG**  
**ISSUE**

DISTRICT

SUDBURY JAN 13 1994  
 MINING DIVISION PORCUPINE MINING DISTRICT  
 PORCUPINE

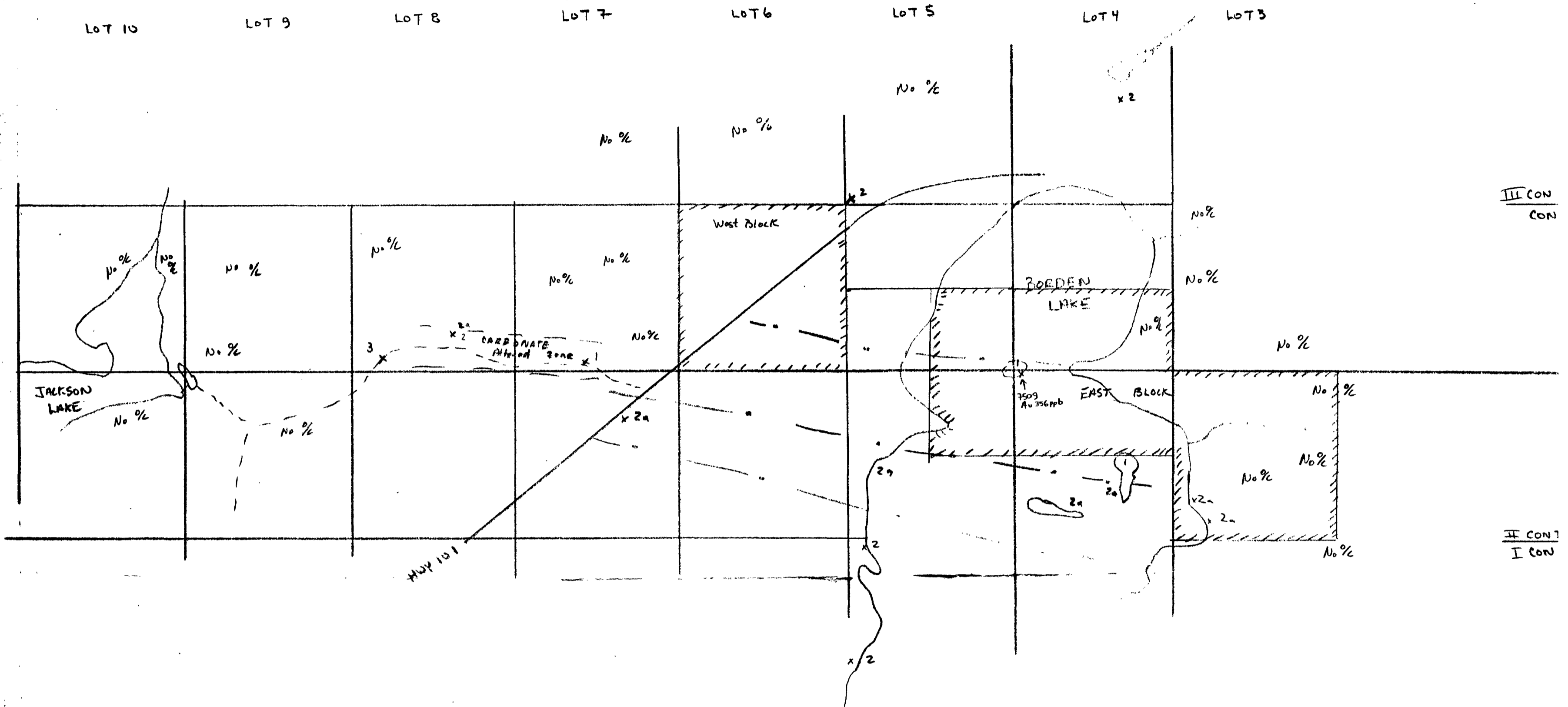
Rec. Feb 11/80



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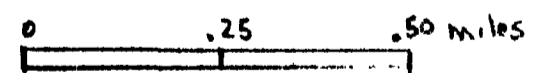
220

47° 29' 45" approx

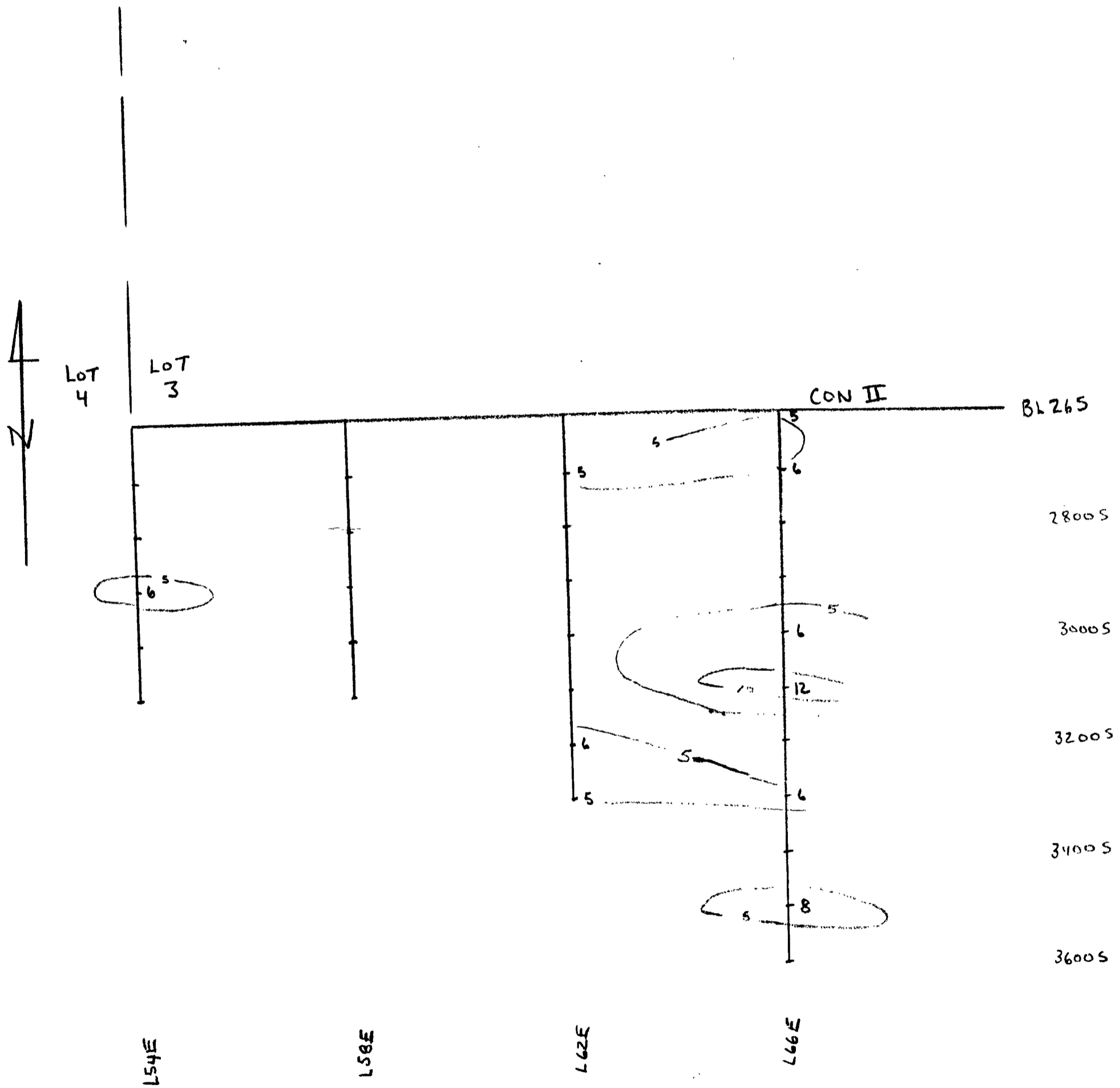


OP93 COMPILATION  
COCHRANE TWP  
OP 93-449

- 3 Sediments (gneissic, garnetiferous)
- 2 Mafic Volcanics
  - a) Agglomerate
- 1 Felsic Volcanics



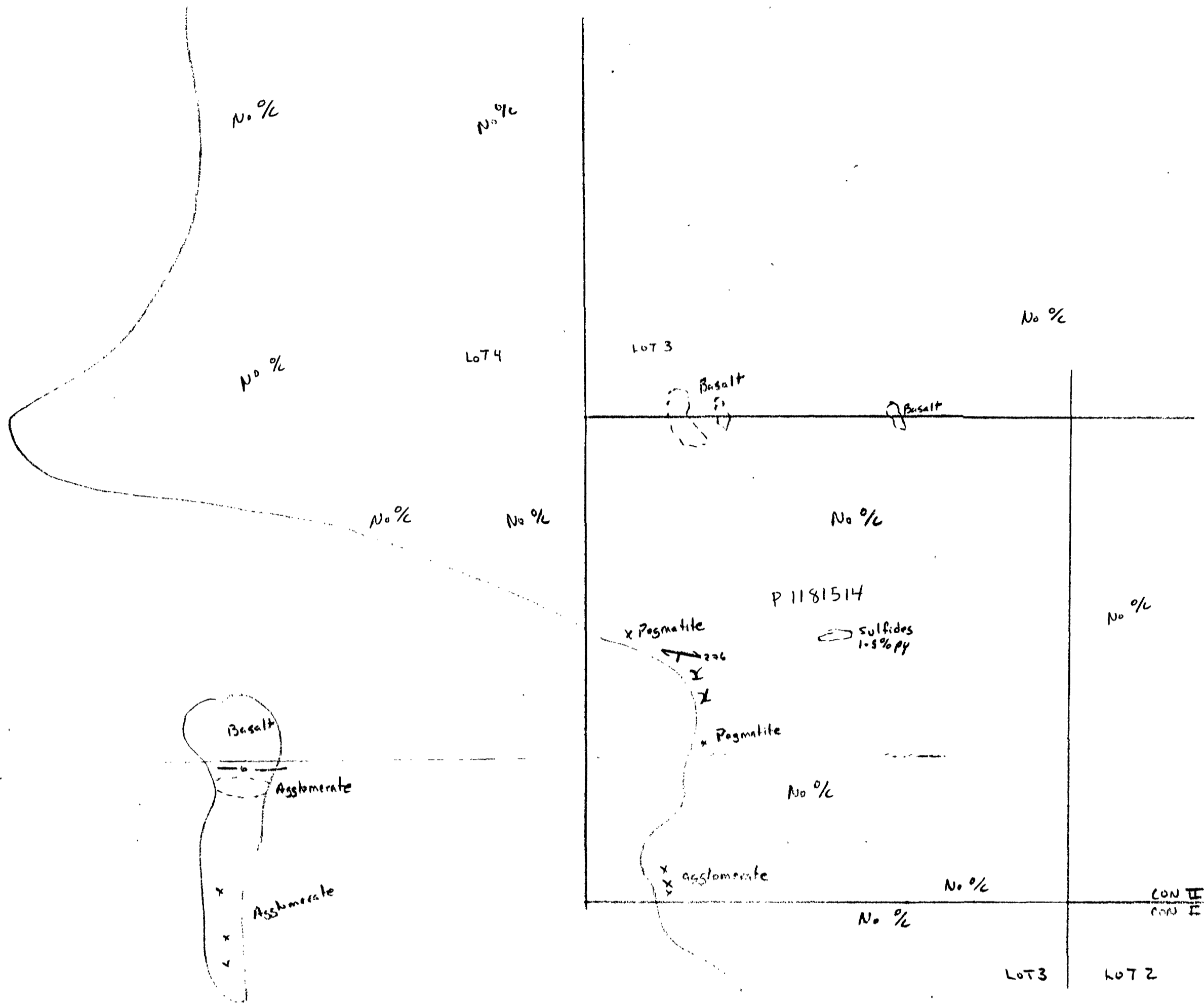




41015NE0001 OP93-449 COPPELL

240

Soil Geochemical Survey  
 EAST CLAIM GROUP  
 COCHRANE TWP  
 Av PPb  
 L... Au



Cochrane Twp East Block  
CP93-449

