

REPORT ON GEOCHEMICAL SURVEY

LAW 1, 2, 3 CLAIMS

OMINECA MINING DIVISION

Location: NTS 94E/6E; 57°21'N, 127°13'W

Owner: S.E.R.E.M. Ltd.

Report by: Joan F. Carne

Date: October, 1979

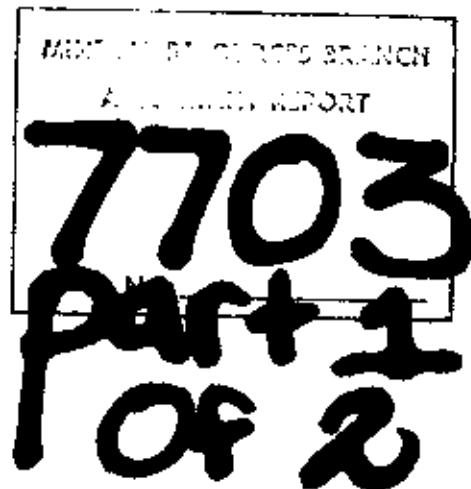


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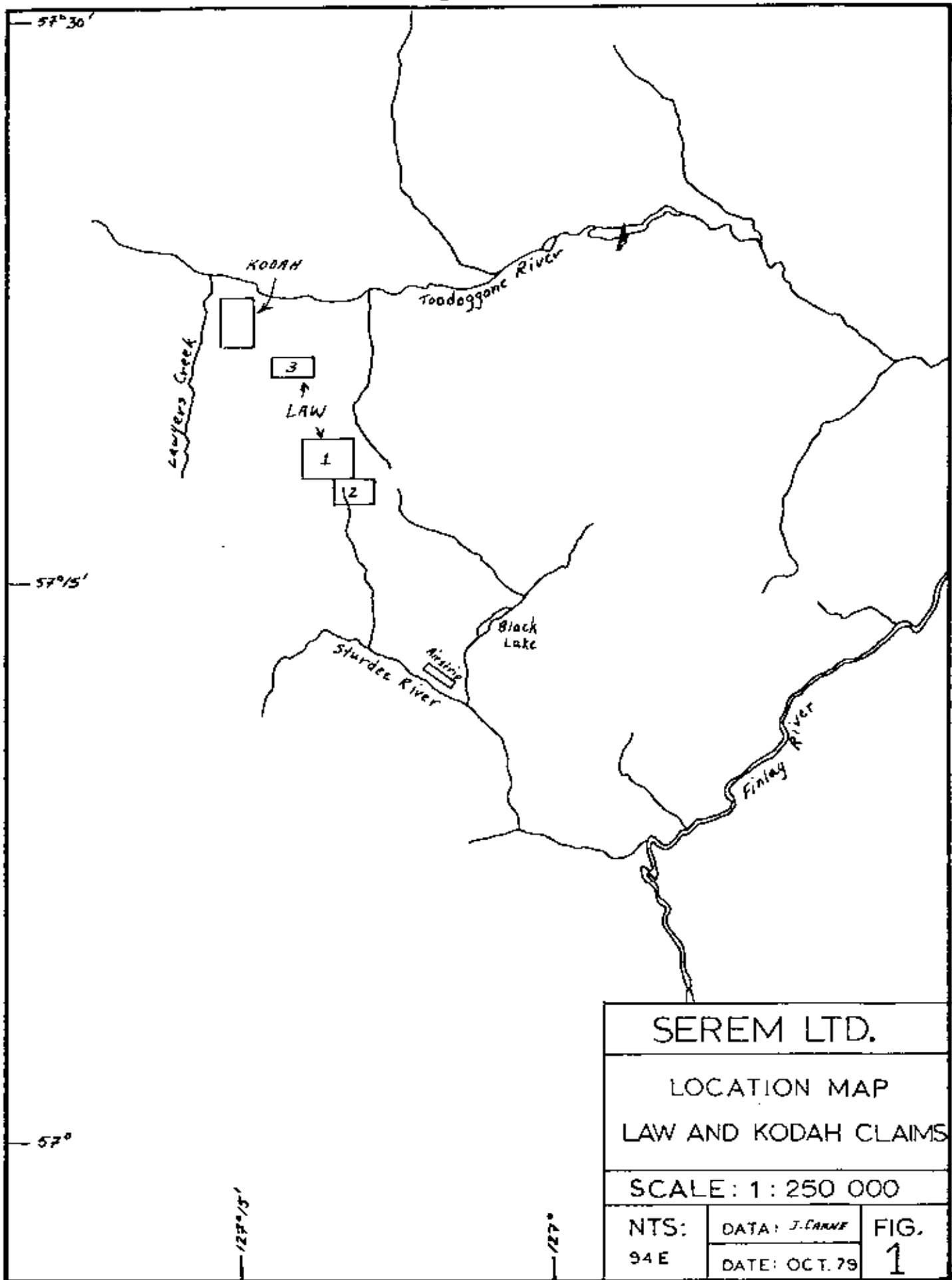
INTRODUCTION

The Law claims 1, 2 and 3 are located approximately 16 km southwest of Toodoggone Lake and 6 km east of Lawyers Creek on map sheet 94 E (Figure 1). Access to the property is by fixed wing from Smithers (290 km), Dease Lake (175 km) or Watson Lake (330 km) to either Black Lake or the newly upgraded Sturdee Valley airstrip and by helicopter to the property.

All three claim groups are largely above treeline at elevations from 4500 - 6000 feet. The terrain is gently rolling, grassy plateau. Outcrop is limited in much of the area. Those rocks exposed on the surface are often frost heaved and only slightly displaced.

The Law 1, 2 and 3 claims were staked in August of 1978 and recorded September 28, 1978 by S.E.R.E.M. Ltd. In part, this ground covers the old Lawyers claims on which Kennco mapped and conducted soil and rock geochemical surveys. The present study extends their geochemical coverage to the east and south on Law 1 and 2 and to the northwest on Law 3.

Work done this season consists of soil surveys on all three claims. A total of 890 samples were collected, half these on the Law 3 claims and half on Law 1 and 2. These soil grids cover an area of 1 square kilometer for Law 1, 1 square kilometer for Law 2 and 2 square kilometers for Law 3 or a total of 4 square kilometers (400 hectares). Grids were surveyed with hip chain and compass.



SEREM LTD.		
LOCATION MAP		
LAW AND KODAH CLAIMS		
SCALE: 1 : 250 000		
NTS:	DATA: J. CARNE	FIG.
94 E	DATE: OCT. 79	1

GEOCHEMICAL SURVEY

Soil grids were run on all three claims. In each case a baseline was surveyed along a claim boundary from a legal corner post with hip chain and compass. Cross lines, surveyed in the same manner, were spaced at 100 meter intervals. Samples were then collected at 50 meter intervals along these cross lines. A mattock or rock hammer was used to collect the samples.

Over most of the sampled area, soil horizons are poorly developed and usually consist of broken down bedrock with a very thin grass and/or moss vegetative cover. Where possible a B horizon was collected. Depth of samples varied between very near surface to 40 cm depth.

Samples were analysed by Vangeochem Lab in North Vancouver, B.C., using standard acid digestion and atomic absorption techniques. The minus 80 mesh fraction was analysed. Silver is background corrected for source interference.

RESULTS

Values of silver in ppm and gold in ppb are plotted on Figures 2 - 5. From previous work in the area, values of 2.0 to 4.0 ppm in silver and 100 to 200 ppb gold are considered moderately anomalous, while values in excess of 4 ppm silver and 200 ppb gold are strongly anomalous.

Several samples show up as anomalous, though these are generally individual, isolated samples. On the Law 1 and 2 grid, there is a cluster of moderately anomalous silver values along line 3+00E at 4+00N to 6+00N. This is an extension of an anomalous zone on the older Kennco grid to the west. Au, however, is not correlative. Two anomalous gold values with only background silver are found at 4+00E and 17+00N.

Gold values on the Law 3 claims are consistently low with the exception of one sample at 1+00N and 11+50W. Silver is low at that location. A weak silver anomaly runs north south between 12+00 to 14+00W and 6+00 to 10+00N.

Conclusion

The several anomalous soil samples in Ag and Au indicate the presence of some precious metals on these claims. Follow-up prospecting and mapping should be done to assess their importance, since these claims sit in a regional gold belt and border known mineralization on the New Lawyers Property.

STATEMENT OF COSTS

LAW 1 AND 2

Description

Wages

G. Price - August 24; soil sampling and surveying		
1 day @ \$46.00 per day	\$ 46.00	
W. Moody - August 23-25, 27, 29-31; soil sampling and surveying		
7 days @ \$46.00 per day	322.00	
D. Todd - August 24; soil sampling		
1 day @ \$30.00 per day	30.00	
M. Mallard - August 24, 25, 27; soil sampling		
3 days @ \$30.00 per day	90.00	
J. Carne - August 23-24; surveying		
2 days @ \$78.00 per day	156.00	
Data compilation and report		
1 day @ \$78.00 per day	78.00	\$ 722.00

Room and Board

14 man days @ \$20.00 per day 280.00

Transportation

1 hour helicopter @ \$315.00/hr. 315.00

Analyses

450 samples analysed for Ag, Au @ \$6.00/sample 2,700.00

Report Expenses

50.00

Total Cost

\$4,067.00

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STATEMENT OF COSTS (continued)

Law 3

Description

Wages

G. Price - August 3 - 10; soil sampling and surveying		
8 days at \$46.00 per day	\$368.00	
D. Todd - August 3 - 7; soil sampling and surveying		
5 days @ \$30.00 per day	150.00	
J. Carne - August 3 - 4; surveying		
2 days @ \$78.00 per day	156.00	
Data compilation and report		
1 day @ \$78.00 per day	78.00	\$ 752.00

Room and Board

14 man days @ \$20.00 per day	280.00
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Transportation

1 hour helicopter @ \$315.00/hr.	315.00
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Analyses

440 samples analysed for Ag, Au @ \$6.00 per sample	2,640.00
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Report Expenses

50.00

Total Cost \$4,037.00

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STATEMENT OF QUALIFICATIONS

I, JOAN F. CARNE. of Vancouver, B.C. hereby certify that:

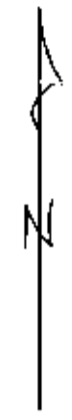
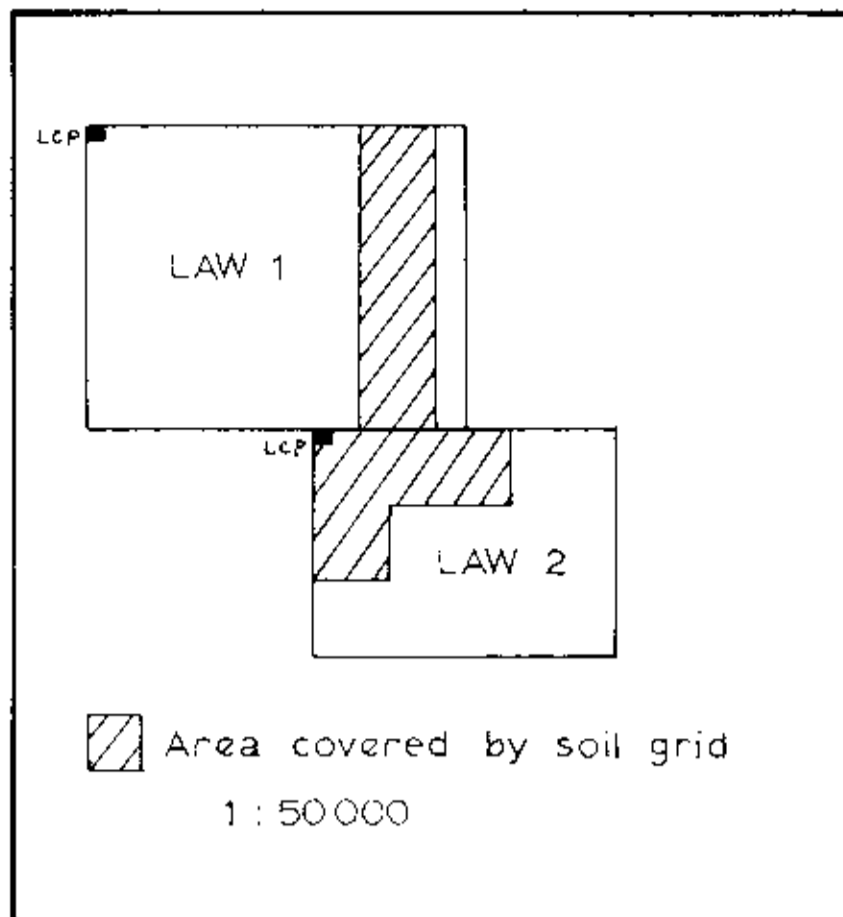
1. I hold a B.A. in geology from Middlebury College, Middlebury, Vermont and an M.Sc. in geology from the University of British Columbia.
2. I am a geologist employed by S.E.R.E.M. Ltd. of 505 - 850 West Hastings Street, Vancouver, B.C.
3. I have worked in geology and mineral exploration for three years.
4. The field work described in this report was carried out under my supervision.
5. I have no financial interest in the claims covered by this report or in S.E.R.E.M. Ltd.

Dated this 19th day of October, 1979 at Vancouver, B.C.

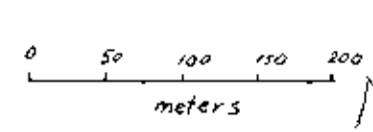


Joan F. Carne
Geologist

20+00N				.0	.06	.04	.06	.12	.02					
				.05	.01	.04	.05	.02	.02					
19+00N				.0	.04	.06	.04	.05	.01					
				.05	.02	.02	.01	.03	.0					
18+00N				.0	.01	.02	.03	.02	.02					
				.0	.02	.08	.01	.03	.01					
17+00N				.01	.08	.02	.01	.0	.01					
				.16	.01	.19	.08	.02	.10					
16+00N				.15	.01	.12	.05	.06	.0					
				.06	.02	.01	.04	.0	.0					
15+00N				.12	.17	.02	.05	.0	.04					
				.24	.02	.01	.19	.01	.0					
14+00N				.12	.07	.01	.01	.02	.0					
				.0	.0	.07	.02	.02	.05					
13+00N				.01	.0	.07	.01	.0	.0					
				.0	.0	.02	.01	.0	.26					
12+00N				.0	.0		.04	.11	.47					
				.09	.04	.0	.10	.04	.09					
11+00N				.02	.12	.02	.11	.45	.08					
				.01	.19	.22	.03	.03	.0					
10+00N				.0	.02	.13	.05	.11	.15					
				.03	.04	.0	.04	.42	.01					
9+00N				.0	.09	.0	.01	.44	.0					
				.07	.12	.06	.02	.07	.05					
8+00N				.16	.06	.01	.08	.18	.03					
				.19	.0	.54	.01	.06	.01					
7+00N				.02	.09	.0	.02	.03	.0					
				.11	.02	.0	.03	.01	.44					
6+00N				.34	.01	.0	.11	.02	.0					
				.23	.0	.0	.01	.06	.02					
5+00N				.31	.06	.15	.01	.01	.07					
				.27	.25	.05	.02	.06	.0					
4+00N				.74	.0	.01	.03	.01	.0					
				.0	.01	.02	.03	.09	.0					
3+00N				.0	.0	.0	.01	.01	.12					
				.01	.0	.02	.02	.09	.0					
2+00N				.01	.05	.02	.01	.03	.47					
				.02	.05	.03	.01	.17	.0					
1+00N				.07	.0	.0	.02	.07	.07					
				.07	.01	.0	.01	.02	.02					
BASELINE	LCP	.02	.0	.06	.02	.0	.01	.02	.03	.10	.02	.0	.01	.01
	LAW 2	.01	.01	.02	.02	.0	.02	.0	.02	.03	.02	.0	.01	.02
1+00S		.0	.03	.02	.01	.01	.0	.01	.03	.0	.0	.0	.02	.02
		.06	.02	.02	.03	.01	.0	.0	.04	.02	.01	.01	.01	.02
2+00S		.0	.03	.05	.01	.0	.01	.05	.02	.02	.01	.02	.0	.03
		.01	.0	.04	.05	.03	.01	.08	.0	.04	.03	.05	.0	.0
3+00S		.0	.04	.0	.01	.01	.01	.04	.04	.03	.03	.0	.01	.01
		.02	.03	.0	.04	.02	.01	.01	.01	.03	.02	.06	.01	.03
4+00S		.0	.02	.0	.05	.04	.01	.0	.0	.02	.02	.02	.14	.04
		.0	.0	.0	.02	.03	.0	.0	.03	.02	.0	.02	.04	.07
5+00S		.01	.0	.0	.03	.08	.0	.03	.04	.0	.13	.03	.02	.0
		.01	.01	.0	.02	.08	.02							
6+00S		.01	.01	.0	.02	.04	.04							
		.02	.01	.0	.07	.04	.0							
7+00S		.03	.04	.04	.07	.09	.01							
		.01	.08	.05	.0	.03	.0							
8+00S		.02	.02	.0	.02	.02	.01							
		.04	.03	.10	.01	.0	.0							
9+00S		.02	.0	.41	.01	.01	.01							
		.0	.08	.08	.02	.02	.01							
10+00S		.03	.04	.03	.02	.04	.04							

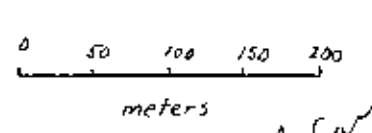
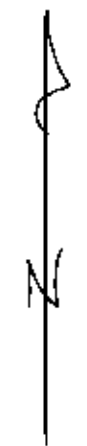
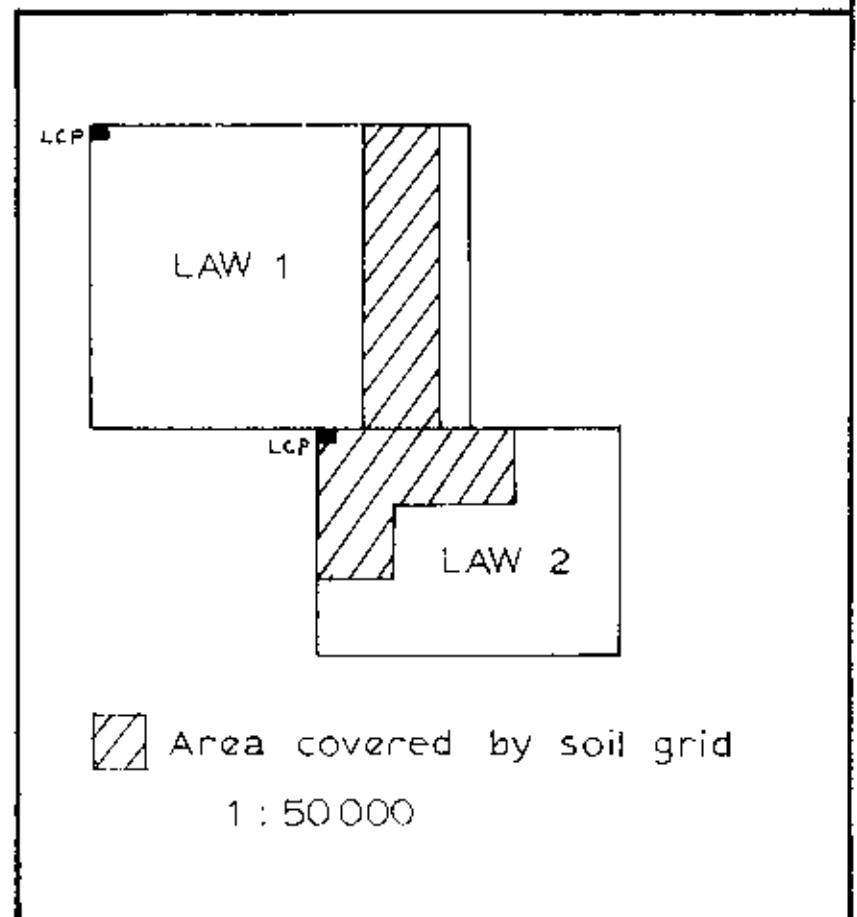


MINISTRY OF MINES BRITISH COLUMBIA
ASSESSMENT REPORT
7703
part 1
of 2



SEREM LTD.
LAW 1 and 2
SOIL GRID
Ag in ppm
SCALE: 1:5000
NTS: 94E/6E DATA BY: J. GARNE DATE: OCT. 1979 FIGURE: 2

20+00N				.0	.0	.10	.0	.150	.10					
				.10	.10	.0	.0	.20	.10					
19+00N				.0	.10	.0	.30	.0	.0					
				.10	.0	.0	.10	.20	.0					
18+00N				.0	.10	.10	.10	.30	.0					
				.0	.380	.0	.0	.0	.10					
17+00N				.0	.160	.0	.0	.10	.10					
				.10	.0	.0	.0	.0	.10					
16+00N				.30	.0	.10	.0	.10	.10					
				.0	.10	.0	.0	.10	.10					
15+00N				.0	.0	.10	.10	.10	.20					
				.0	.0	.0	.10	.0	.0					
14+00N				.0	.0	.10	.10	.10	.0					
				.0	.10	.0	.20	.10	.0					
13+00N				.0	.0	.20	.10	.10	.10					
				.0	.0	.0	.0	.10	.0					
12+00N				.10	.20	.40	.20	.10	.10					
				.20	.0	.10	.10	.10	.10					
11+00N				.0	.0	.0	.10	.20	.20					
				.10	.0	.10	.20	.20	.10					
10+00N				.60	.0	.0	.0	.20	.20					
				.0	.0	.20	.0	.20	.0					
9+00N				.0	.0	.0	.0	.20	.0					
				.0	.0	.10	.20	.10	.20					
8+00N				.10	.0	.450	.40	.60	.20					
				.20	.10	.40	.10	.20	.0					
7+00N				.0	.10	.0	.0	.90	.0					
				.10	.30	.0	.10	.10	.20					
6+00N				.20	.50	.0	.20	.0	.0					
				.10	.0	.0	.10	.10	.0					
5+00N				.10	.30	.0	.10	.10	.0					
				.10	.10	.20	.10	.0	.0					
4+00N				.50	.0	.60	.10	.10	.0					
				.10	.0	.10	.10	.20	.20					
3+00N				.10	.0	.10	.10	.0	.50					
				.0	.10	.0	.20	.10	.10					
2+00N				.0	.0	.0	.30	.20	.200					
				.0	.0	.0	.20	.10	.0					
1+00N	0+00E	1+00E	2+00E	.10	.10	.20	.10	.10	.0	9+00E	10+00E	11+00E	12+00E	13+00E
				.0	.10	.0	.20	.0	.10					
BASELINE	LCP LAW 2	.0	.0	.0	.25	.25	.20	.0	.10	.0	.60	.10	.0	.0
		.0	.0	.0	.0	.0	.10	.0	.20	.10	.10	.10	.20	.0
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	.0	.10	.0	.0	.10	.0	.0	.10	.10	.10	.0	.40	.0	.0
2+00S	.0	.0	.0	.0	.10	.0	.10	.0	.10	.0	.10	.10	.20	.0
	.10	.0	.0	.10	.10	.20	.10	.0	.10	.10	.0	.0	.0	.10
3+00S	.0	.0	.0	.0	.0	.10	.10	.10	.0	.0	.0	.0	.0	.0
	.0	.0	.0	.0	.0	.0	.0	.10	.0	.10	.10	.0	.0	.0
4+00S	.0	.0	.0	.0	.10	.10	.0	.10	.20	.0	.10	.0	.0	.0
	.0	.0	.20	.0	.10	.10	.10	.10	.0	.0	.0	.10	.10	.0
5+00S	.0	.0	.20	.10	.20	.20	.0	.0	.10	.0	.0	.0	.20	.0
	.10	.0	.20	.0	.30	.10								
6+00S	.0	.0	.0	.0	.0	.10								
	.0	.10	.30	.0	.0	.10								
7+00S	.0	.0	.10	.10	.20	.10								
	.60	.10	.40	.20	.0	.10								
8+00S	.0	.0	.45	.10	.20	.20								
	.120	.0	.0	.20	.0	.20								
9+00S	.10	.10	.20	.40	.10	.10								
	.10	.10	.0	.10	.10	.30								
10+00S	.0	.0	.0	.30	.10	.10								



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

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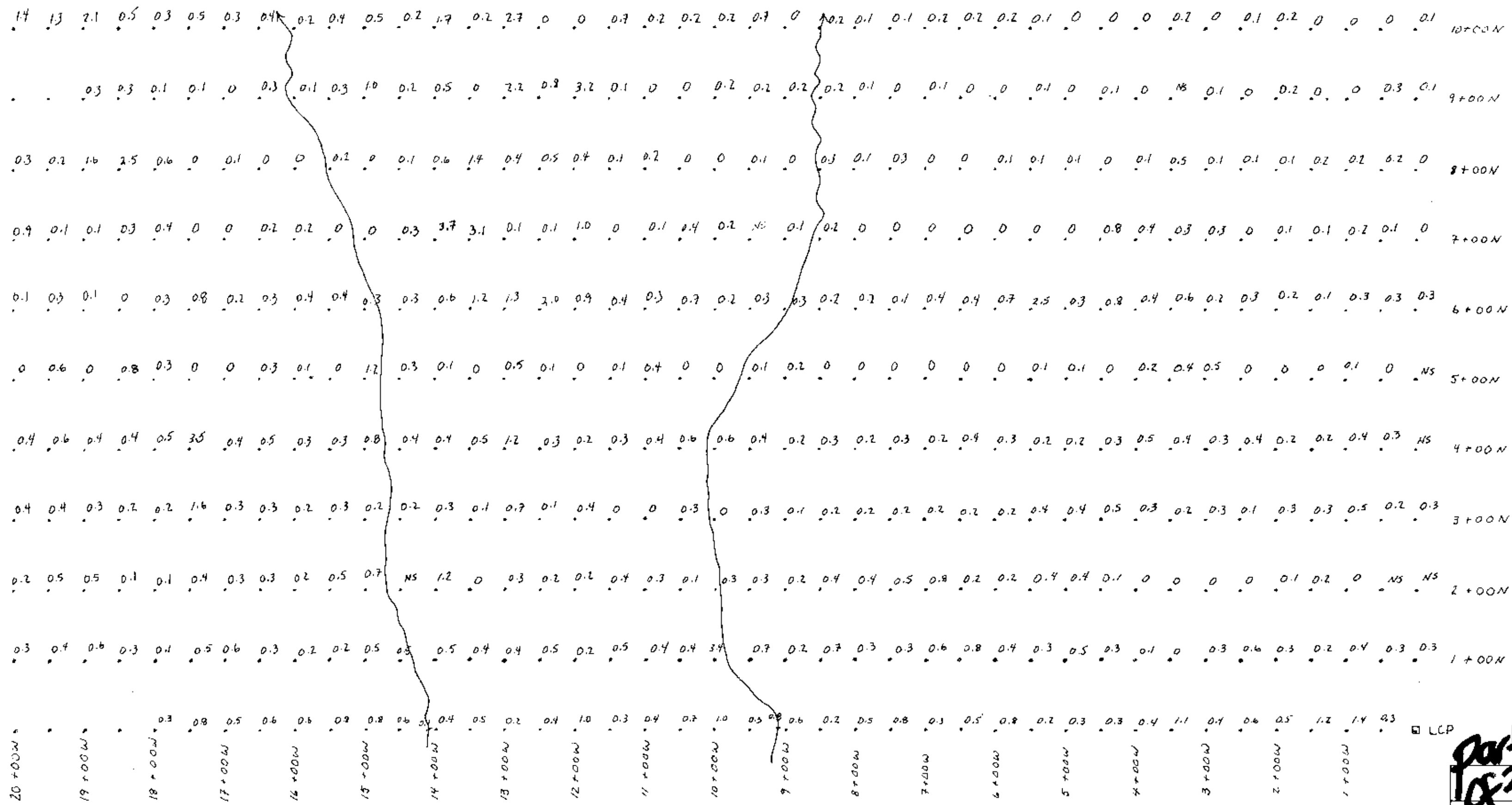
SEREM LTD.

LAW 1 and 2
SOIL GRID
Au in ppb

SCALE: 1:5000

NTS: 94E/6E	DATA BY J. CARNE DATE: OCT. 1979	FIGURE: 3
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Robert J. Car...



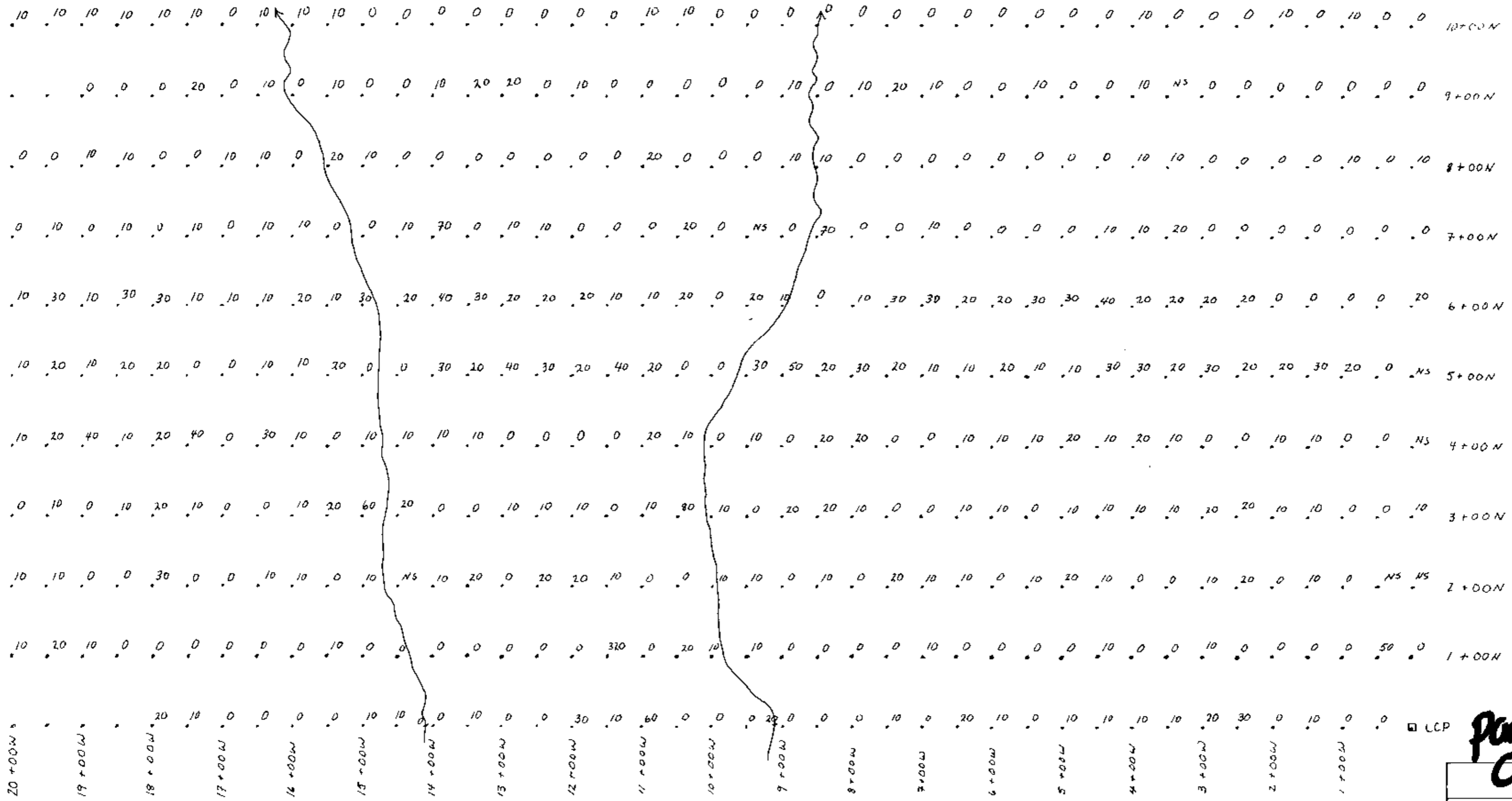
MINERAL RESOURCES BRANCH
ATTENDANT REPORT
7703

part 2
10/2

SEREM LTD.
LAW 3 CLAIMS
SOIL GRID
Ag in ppm

SCALE: 1: 5000

NTS:	DATA BY: J. CARRIE	FIGURE:
94E/6E	DATE: OCT 1979	4



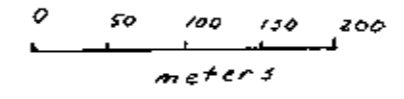
MINERAL RESOURCES ACT
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NO.

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SEREM LTD.

LAW 3 CLAIMS
SOIL GRID
Au in ppb

SCALE: 1:5000

NTS:	DATA BY: J. CARNE	FIGURE:
94E/6E	DATE: OCT. 1979	5



John F. Carne