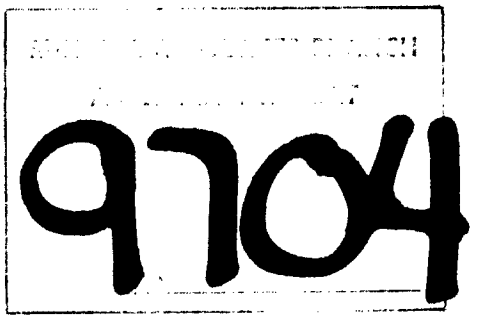
81-#916.

ASSESSMENT REPORT



DIAMOND DRILLING
ON THE
LAWYERS #12 GROUP

OMINECA MINING DIVISION

CLAIMS: NEW LAWYERS 1, 2, 3 and 4
LAW 3
BREEZE
GTW 2
WET FR., WINDY FR., LEGAL FR.

LOCATION: N.T.S. 94E/6E
57°19' N Latutude
127°13' W Longitude

OWNERS: KENNCO EXPLORATIONS - NEW LAWYERS CLAIMS
SEREM LTD. - REMAINDER

OPERATOR: SEREM LTD.

REPORT BY: Joan F. Carne

DATES WORK PERFORMED: June 27 - July 14, 1981

DATE: October 1981

TABLE OF CONTENTS

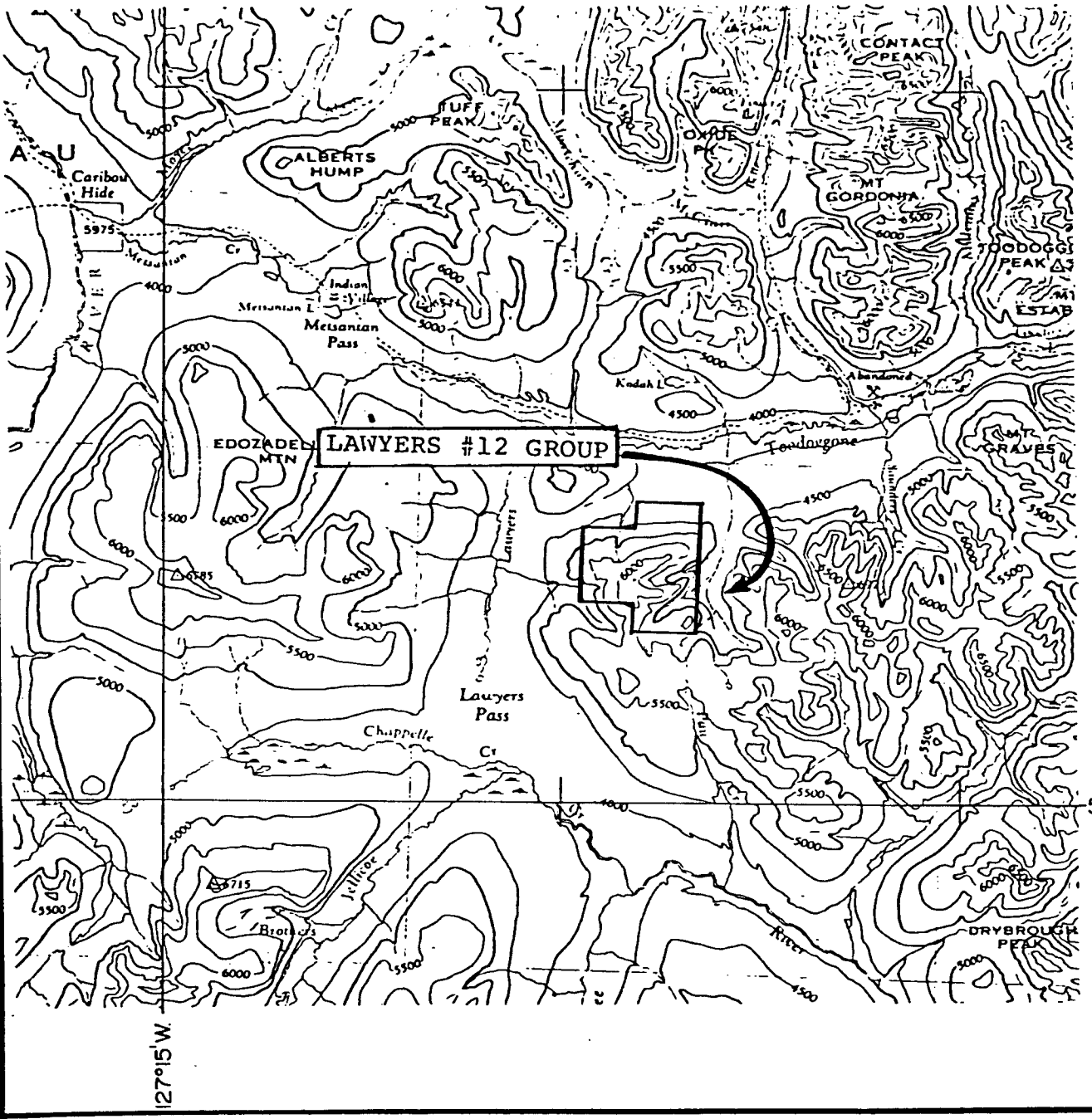
LIST OF FIGURES

INTRODUCTION

The Lawyers #12 group is located approximately 16 km southwest of Toodoggone Lake and 6 km east of Lawyers Creek on the Toodoggone River map sheet, 94E (Figure 1). Access to the property is by fixed wing from Smithers (290 km) to the Sturdee Valley airstrip and by helicopter to the property (16 km).

Claims covering this area were first staked by Kennco Explorations as part of the Lawyers claims. Early work consisted of rock and soil grids and diamond drilling in 1974 and 1975. In 1978, Serem Ltd. staked the Law 3 claims to tie on to the New Lawyers and in 1979 the Breeze claims were also staked by Serem. Serem added the GTW 2 and 3 fractions in 1980. In 1979 and 1980, work has consisted of diamond drilling, carried out by Serem. This report includes 2 B.Q. diamond drill holes for a total of 410.86 metres.

The drilling was done on the New Lawyers 1 claim, to test a zone of gold-silver mineralization at depths of 30 and 90 metres below surface. Assays were done in Smithers, B.C. by Ty Balacko under contract to Serem Ltd. from Min-En Laboratories of North Vancouver, B.C.



SEREM LTD.

LAWYERS No. 12 GROUP —LOCATION MAP

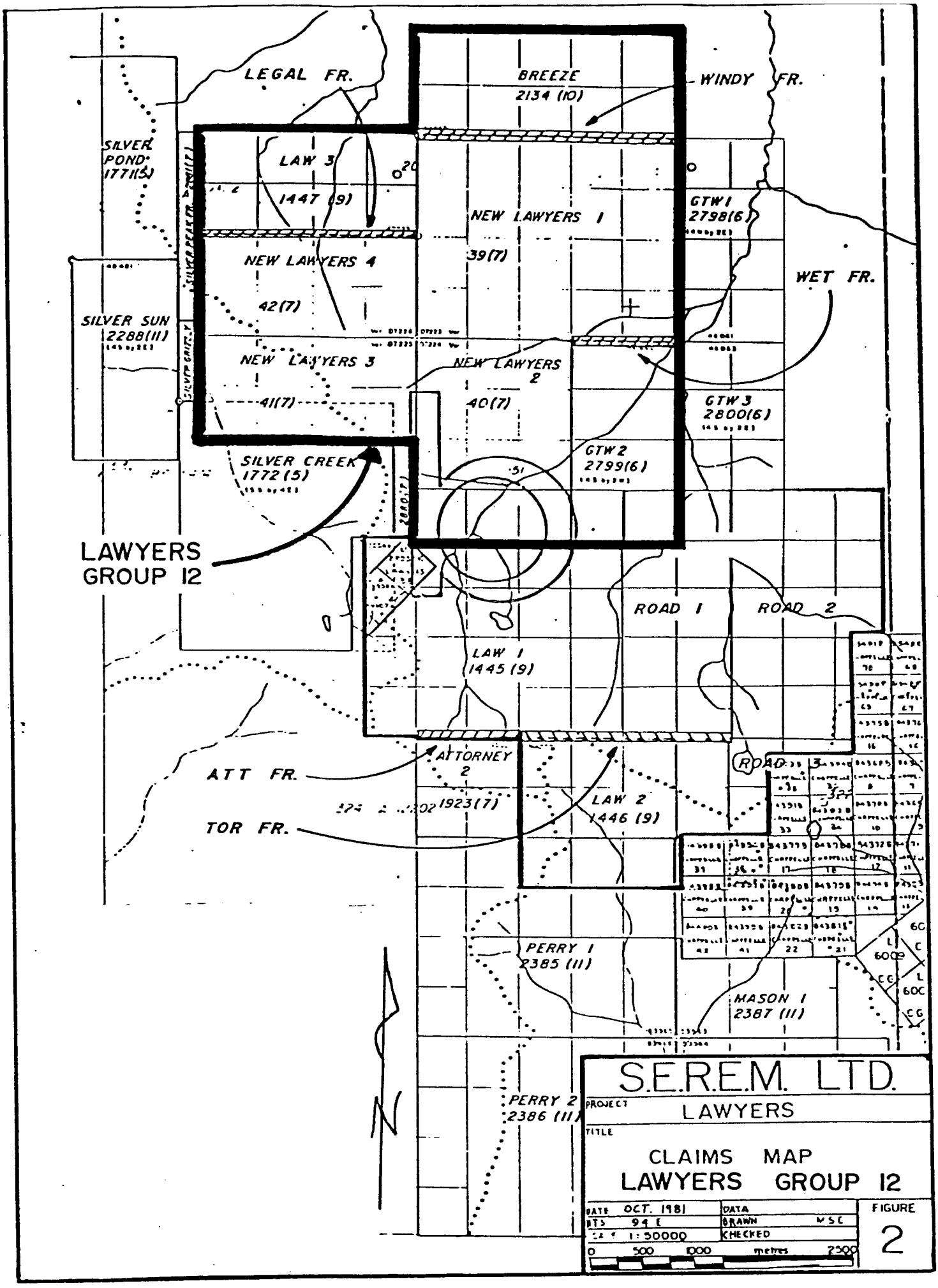
OCTOBER 1981

FIG. ONE

RESULTS

Andesite to trachyte composition volcanic rocks underlie the Lawyers claims. Most of the volcanics are pyroclastic. In the drilling, two major rock divisions have been made. At depth in all the holes, a quartz-bearing andesite tuff is encountered. Overlying the andesite tuffs is a complex package of trachyte composition rocks. These include crystal-lapilli, crystal, and welded tuffs. Grain size varies from nearly aphanitic to coarse lapilli. Crystals present in the tuffs are pink to orange feldspars of K-spar and plagioclase composition.

With the exception of one 7 oz. silver value in Hole 81-30A, economic precious metal mineralization is not present in these two holes. However, values above background in quartz breccias reflect the presence of the zone in these holes. Mineralization is closely related to zones of abundant silicification - veins, breccias, stock-works and pervasive silicification. All geology and assays are presented in the appendix.



S.E.R.E.M. LTD.

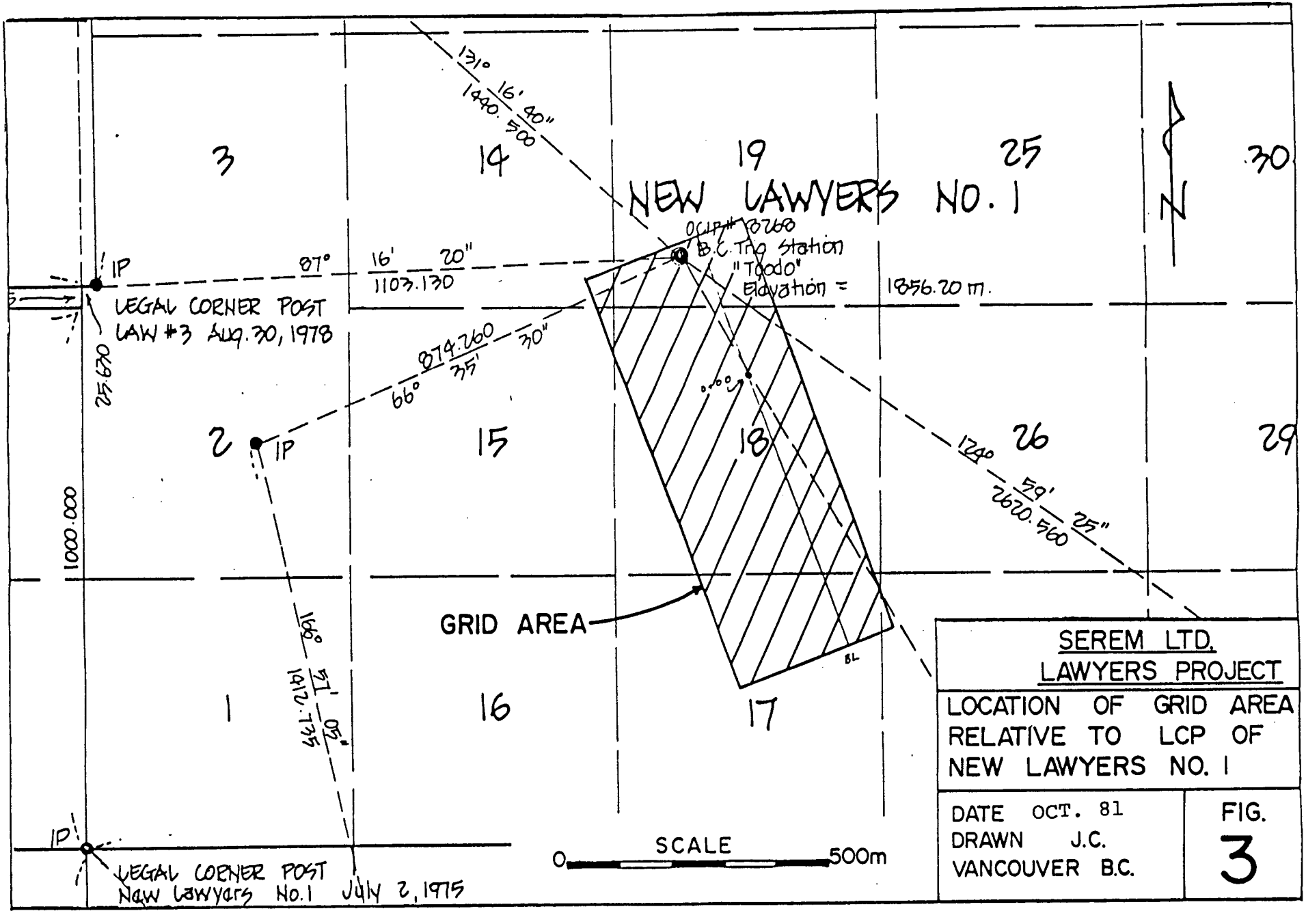
PROJECT: LAWYERS

TITLE:

CLAIMS MAP
LAWYERS GROUP 12

DATE	OCT. 1981	DATA	FIGURE
NTS	94 E	DRAWN MSC	2
	1:50000	CHECKED	

0 500 1000 metres 2500



SEREM LTD.
LAWYERS PROJECT

LOCATION OF GRID AREA RELATIVE TO LCP OF NEW LAWYERS NO. 1

DATE OCT. 81
DRAWN J.C.
VANCOUVER B.C.

FIG. 3

STATEMENT OF COSTS

Description				
Drill Contract Payments:	81-30A		$11,847	
	81-32		15,033	
				$26,880
Wages				
M. Carr	July 2- 3	2 days @ $ 95	$ 190	
J. Carne	July 13-14	2 days @ $106	212	
				402
Room and Board				
4 drillers	x 12 days	@ $52/man day	2,496	
2 geologists	x 2 days	@ $52/man day	208	
				2,704
Assays				
197 assays for Ag, Au		@ $13		2,561
Report Preparation				100
		TOTAL		$32,647

CERTIFICATE OF QUALIFICATIONS

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

1. I hold a B.A. degree in geology from Middlebury College, Middlebury, Vermont, and an M.Sc. degree in geology from the University of British Columbia.

2. I am a geologist, employed by SEREM Ltd. of 300 - 535 Thurlow Street, Vancouver, B.C. V6E 3L2.

3. I have worked in geology and mineral exploration for five years.

4. I have no financial interest in the claims covered by this report or in SEREM Ltd.

5. The field work described in this report was carried out under my supervision.

Dated this 29th day of October, 1981
at Vancouver, B.C.

Joan F. Carne,
Geologist.

APPENDIX

DRILL LOGS AND ASSAYS

SEREM LTD.

DIAMOND DRILL LOG

Project LAWYERS | Grid Coordinates 176.5 N -45.9 E | Azimuth 074.00

Hole No. 81-30A | Elevation 1857.5 | Total Depth 175.87 m | Incl. -49.00

Date Started June 27, 1981 | Date Completed July 2, 1981 | Logged by M. Carr

Sample No.	Ag g/tonne	Au g/tonne	Ag Oz./ton	Au Oz./ton	Depth Metres	Geology
					2	1.83 Overburden
					4	Trachyte Crystal Lapilli Tuff (TFXL TC)
					6	- see below for details
					8	8.82
					10	Quartz Cemented Breccia - 70% rock fragments - 30% quartz 9.68
					12	TFXL TC (Continued)
					14	- 30% K-feldspar
					16	- 10% hornblende
					18	- 20% lapilli
					20	- 2.5% specular hematite
					22	- porphyritic
					24	- ~~potassic~~ alteration throughout
					26	- clay + limonite envelopes along fractures and veins
					28	
					30	
					32	32.09

Form M-1

SEREM LTD.

DIAMOND DRILL LOG

Sample No.	Ag g/tonne	Au g/tonne	Ag Oz./ton	Au Oz./ton	Depth Metres	Geology
						32.09
						Quartz Cemented Breccia - 40% quartz
						- 40% rock fragments
						33.52 - 20% calcite
					34	35.09
					36	- 10% quartz veins
						37.29
					38	
					40	
					42	TFXL TC (Continued)
					44	
					46	
					48	
					50	
					52	
					54	
					56	
18601			.2	T	58	
18602			.3	T		
18603			.9	T	60	
18604			.2	T		
18605			.3	T	62	
18606			.2	T		
18607			.4	T	64	
18608			.3	T		
18609			.1	T	66	
18610			.5	T		66.26
18611			.7	T	68	Brecciated Zone - 80% rock fragments
18612			.5	.01		- 20% quartz cement

Project Lawyers Page 2 of 6 Hole 81-30A

Form M-2

SEREM LTD. DIAMOND DRILL LOG

Sample No.	Ag g/tonne	Au g/tonne	Ag Oz./ton	Au Oz./ton	Depth Metres	Geology
18613			.6	T	70	Brecciated Zone (Continued)
18614			1.0	T		- rock fragments are 50% TUFF TC and
18615			.6	T	72	30% TFXL TC (total 80%)
18616			.8	T		- intense potassic alteration and
18617			.4	T	74	silicification
18618			1.0	T		
18619			.9	T	76	
18620			.3	T		
18621			.5	T	78	77.69
18622			.8	T		Welded Trachyte Tuff (TFWL TC)
18623			1.4	T	80	- 30% K-feldspar
18624			.3	T		- 20% flattened rock fragments
18625			.2	T	82	- 1% specular hematite
18626			.2	T		- 1% quartz crystals
18627			.4	T	84	- welded, flattened, bedded, porphyritic
18628			1.7	T		- bedding orientations 165/80 w
18629			1.6	.04	86	147/78 w
18630			.6	T		85.48
18631			.4	T	88	TFWL TC (Continued)
18632			.3	T		- 40% K-feldspar
18633			.5	T	90	- 2.5% flattened rock fragments
18634			.7	T		- chloritic matrix
18635			2.0	.02	92	- hematite, altered to magnetite
18636			2.6	.03		91.85
18637			1.2	T	94	Quartz Cemented Breccia - 30% quartz
18638			.5	.01		93.05 - 70% rock fragments
18639			.6	T	96	Calcite Cemented Breccia - 20% calcite
18640			.4	T		- 70% rock fragments
18641			.3	T	98	- 10% quartz
18642			.3	T		
18643			.6	.01	100	99.67
18644			.6	T		
18645			.2	T	102	Quartz Cemented Breccia - 80% quartz
18646			.1	T		(QZBR) - 20% rock fragments
18647			.2	T	104	
18648			.3	T		
18649			.5	T	106	

Form M-2

Project Lawyers Page 3 of 6 Hole 81-30A

SEREM LTD.

DIAMOND DRILL LOG

Sample No.	Ag g/tonne	Au g/tonne	Ag Oz./ton	Au Oz./ton	Depth Metres	Geology
18650			.7	T		QZBR (Continued)
18651			2.3	.02	108	108.62
18652			7.2	T		Brecciated Zone - 70% rock fragments
18653			.8	T	110	- 20% quartz
18654			1.5	.03		- 10% TUFF TC MATRIX
18655			.8	T	112	112.56 - rock fragments are TFXT AN
18656			1.3	.04		
18657			.4	.02	114	Quartz Andesite Crystal Tuff (TFXT AN)
18658			T	T		- 30% K-feldspar
18659			.1	T	116	- 5% quartz
18660			.2	T		- 1% specular hematite
18661			.2	T	118	
18662			.2	T		- porphyritic
18663			.1	T	120	- clay + limonite envelopes around
18664			.3	T		fractures and shear zones
18665			.8	T	122	- pyrophyllitic below 116.66 m.
18666			.4	T		
18667			.2	T	124	
18668			.1	T		
18669			.2	T	126	
18670			.2	T		
18671			.1	T	128	
18672			.1	T		
18673			.2	T	130	
18674			.1	T		
18675			.2	T	132	
18676			.2	T		
18677			.2	T	134	134.05
18678			.2	T		Quartz Cemented Breccia - 80% rock fragments
18679			.1	T	136	- 20% quartz
18680			.2	T		136.35
18681			.2	T	138	
18682			.2	T		TFXT AN (Continued)
18683			.1	T	140	
18684			.1	T		
18685			T	T	142	

Project Lawyers Page 4 of 6 Hole 81-30A 12.

Form M-2

SEREM LTD. DIAMOND DRILL LOG

Sample No.	Ag g/tonne	Au g/tonne	Ag Oz./ton	Au Oz./ton	Depth Metres	Geology
18685			T	T	144	
18686			.4	T	146	
18687			.2	T	148	TFXT AN (Continued)
18688			.1	T	150	
18689			T	T	152	
18690			T	T	154	
18691			T	T	156	
18692			T	T	158	
18693			T	T	160	
18694			T	T	162	
18695			T	T	164	
18696			T	T	166	165.94 Andesite Dike - 90% chlorite 166.35 - 10% clay TFXT AN (Continued)
18697			T	T	168	
18698			T	T	170	
18699			T	T	172	172.08 Andesite Dike - 90% chlorite
18700			T	T	174	173.19 - 10% clay
18701			T	T	176	175.87 END OF HOLE

(See next page for Survey Data)

Form M-2

Project Lawyers Page 5 of 6 Hole 81-30A

SEREM LTD.

DIAMOND DRILL LOG

Sample No.	Ag g/tonne	Au g/tonne	Ag Oz./ton	Au Oz./ton	Depth Metres	Geology

Survey Data:

Depth (m)	Azimuth	Dip
0.00	074.00	-49.0
32.61	063.00	-48.0
63.09	075.50	-48.0
93.57	074.00	-47.5
124.05	076.00	-45.0
157.58	075.00	-42.5

Form M-2

Project Lawyers Page 6 of 6 Hole 81-30A

SEREM LTD. DIAMOND DRILL LOG

Project LAWYERS Grid Coordinates 179.3 N -113.9 E Azimuth 70°

Hole No. 81-32 Elevation 1844.8 Total Depth 213.66 Incl. -50.5°

Date Started July 7/81 Date Completed July 12/81 Logged by J. Carne

Sample No.	Ag g/tonne	Au g/tonne	Ag Oz./ton	Au Oz./ton	Depth Metres
					2
18874			T	T	4
18875			.3	T	6
18876			1.6	.02	8
18877			.2	T	10
18878			.1	T	12
18879			T	T	14
18880			T	T	16
18881			.1	T	18
18882			.2	T	20
18883			.2	T	22
18884			.2	T	24
18885			.2	T	26
18886			.2	T	28
18887			.2	T	30
18888			.1	T	32

Geology

Overburden

3.05

Trachyte Water Lain Tuff (TFAQ TC)
- 30% Feldspar
- no mafic minerals
- 2.5% specular hematite
- porphyritic, reworked
- pervasive potassic alteration 10%

27.90

Trachyte Crystal Lapilli Tuff (TFXL TC)
- 30% Feldspar
- 10% Hornblende
- 20% Lapilli (Continued on next page)

Project Lawyers Page 1 of 7 Hole 81-32

Form M-1

SEREM LTD. DIAMOND DRILL LOG

Sample No.	Ag g/tonne	Au g/tonne	Ag Oz./ton	Au Oz./ton	Depth Metres
18889			.4	T	34
18890			.3	.01	36
18891			T	T	38
18892			T	T	40
18893			T	T	42
18894			T	T	44
18895			T	T	46
18896			.1	T	48
18897			T	T	50
18898			T	T	52
18899			.1	T	54
18900			.1	T	56
18901			.8	.02	58
18902			.3	T	60
18903			T	T	62
18904			T	T	64
18905			.1	T	66
18906			.1	T	68
18907			T	T	

Geology

32.40

Brecciated

34.33

TFXL TC (Continued)
- 2.5% specular hematite
- rare quartz veinlets
- porphyritic

53.45

Fault Breccia - 60% clay
- 30% quartz
- 10% limonite

54.70

TFXL TC (Continued)

Project Lawyers Page 2 of 7 Hole 81-32

Form M-2

SEREM LTD. DIAMOND DRILL LOG

Sample No.	Ag g/tonne	Au g/tonne	Ag Oz./ton	Au Oz./ton	Depth Metres	Geology
					70	
18908			.1	T	72	TFXL TC (Continued)
18909			T	T	74	
18910			T	T	76	
18911			T	T	78	
18912			T	T	80	
18913			.3	T		81.30
18914			.8	T	82	Quartz breccia - 60% quartz
18915			.4	T		- 40% rock fragments
18916			.5	T	84	81.67
18917			.2	T	86	TFXL TC (Continued)
					88	
No samples taken					90	
					92	
					94	
					96	
					98	
					100	
					102	
					104	
					106	

Form M-2

Project Lawyers Page 3 of 7 Hole 81-32

SEREM LTD.

DIAMOND DRILL LOG

Sample No.	Ag g/tonne	Au g/tonne	Ag Oz./ton	Au Oz./ton	Depth Metres	Geology
					108	TFXL TC (Continued)
					110	
					112	
					114	
					116	
					117.32	
					118	Welded Trachyte Tuff (TFWL TC) - 30% Feldspar - 20% lapilli - some flattened - 2.5% specular hematite - porphyritic - welded - quartz veins rare - pervasive potassic alteration
					120	
					122	
					124	
					126	
					128	
					130	
					132	
18918			.1	T	134	
18919			.5	.01	136	
18920			.2	T	138	
18921			.5	T	140	
18922			.1	T	142	
18923			T	T		

Form M-2

Project Lawyers Page 4 of 7 Hole 81-32

SEREM LTD. DIAMOND DRILL LOG

Sample No.	Ag g/tonne	Au g/tonne	Ag Oz./ton	Au Oz./ton	Depth Metres	Geology
					144	TFWL TC (Continued)
18924			T	T	146	
18925			T	T	148	
18926			T	T	150	
18927			T	T	152	
18928			.1	T	154	
18929			.2	T	156	- chloritic groundmass
18930			.1	T	158	157.23
18931			T	T	160	- potassic alteration very strong
18932			.1	T	162	
18933			.1	T	164	163.10
18934			.2	T	166	Fine Grained Trachyte Tuff (TUFF TC) - aphenitic to very fine grained porphyritic - some coarse material in patches - 1% quartz veins
18935			.2	T	168	168.90
18936			.4	T	170	Quartz Andesite Crystal Lapilli Tuff (TFXL AN) - 30% feldspar - 5% quartz - 1% specular hematite
18937			.2	T	172	173.43 - porphyritic - strong potassic alteration - 30%
18938			.4	T	174	
18939			.4	T		Waterlain Andesite Tuff (TFAQ AN) Reworked as above
18940			.8	T	176	
18941			.6	T		
18942			.4	T	178	178.90
18943			.6	T		Quartz Breccia - 70% quartz - Jasper fragments
18944			1.5	.04	180	

Project Lawyers Page 5 of 7 Hole 81-32; 19

Form M-2

SEREM LTD. DIAMOND DRILL LOG

Sample No.	Ag g/tonne	Au g/tonne	Ag Oz./ton	Au Oz./ton	Depth Metres	Geology
18945			2.3	.04		181.41 Quartz Breccia (Continued)
18946			2.4	.03	182	Quartz Andesite Crystal Tuff (TFXT AN)
18947			.6	T		- 30% feldspar
18948			.4	T	184	- 10% quartz
18949			.3	T		- 2.5% specular hematite
18950			.4	T	186	- porphyritic
18951			.3	T		- patchy potassic alteration
18952			.4	T	188	188.60
18953			.7	.02		Brecciated, silicified
18954			.6	.01	190	
18955			.1	T		191.35
18956			2.1	.02	192	Quartz Breccia - 60% quartz, 40% rocks
18957			2.8	.02		192.10 Brecciated, silicified
18958			1.0	T	194	193.15
18959			.1	T	196	
18960			.1	.01	198	
18961			T	T	200	
18962			T	T	202	
18963			T	T	204	
18964			.1	T	206	
18965			T	T	208	
18966			T	T	210	
18967			T	T	212	
18968			T	T	213.66	213.66 END OF HOLE

Form M-2

Project Lawyers Page 6 of 7 Hole 81-32

20.

SEREM LTD.

DIAMOND DRILL LOG

Sample No.	Ag g/tonne	Au g/tonne	Ag Oz./ton	Au Oz./ton	Depth Metres	Geology

Survey Data:

Depth (m)	Azimuth	Dip
0.00	070.00°	-50.50°
32.60	071.00°	-50.00°
63.09	068.00°	-50.00°
124.05	076.00°	-49.50°
154.53	077.00°	-49.50°
185.01	078.00°	-49.00°
212.46	104.00°	-49.00°

Bit was plugged at 212.46 m test so test was taken inside rods and the azimuth is not reliable.

Project Lawyers Page 7 of 7 Hole 81-32

Form M-2

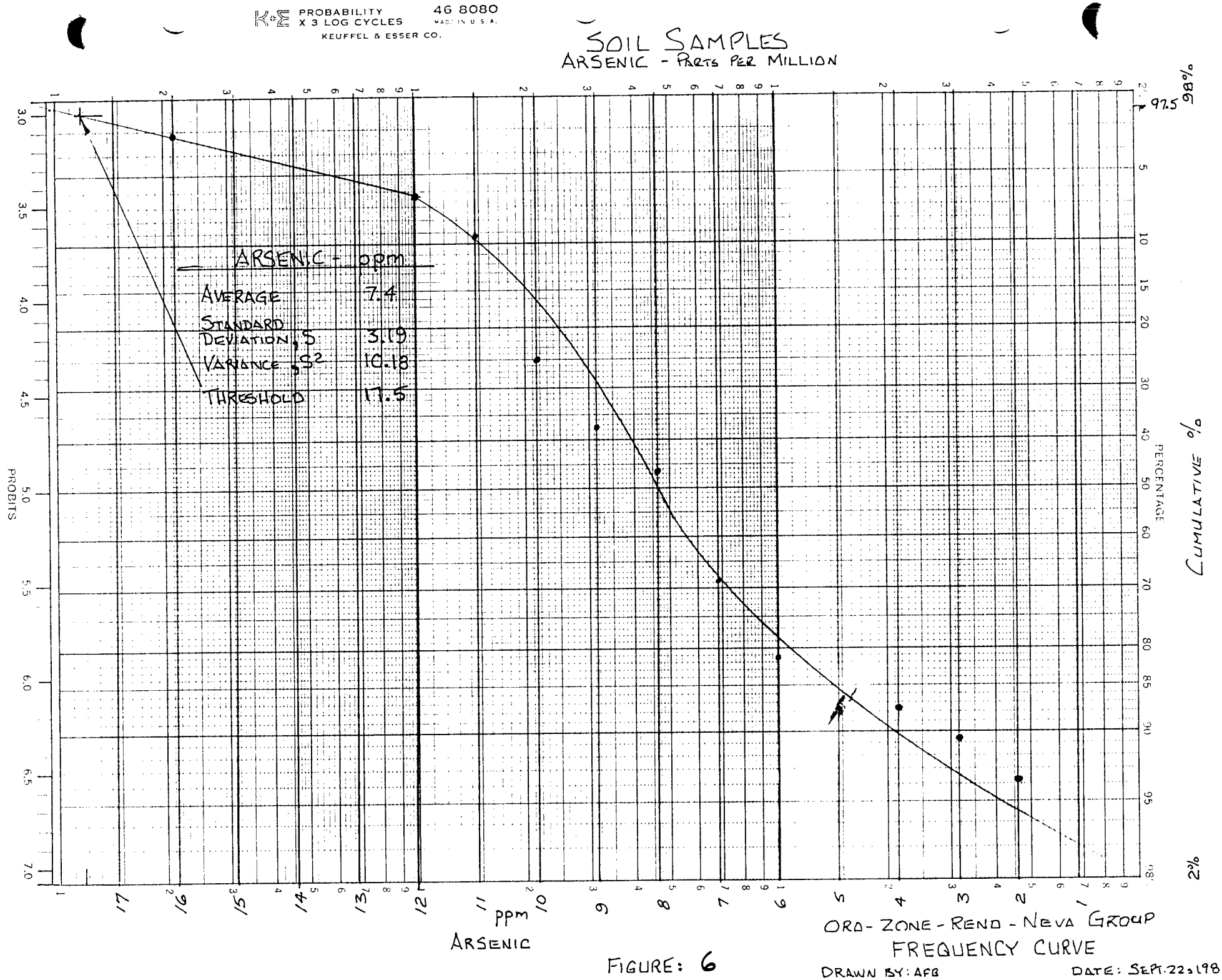
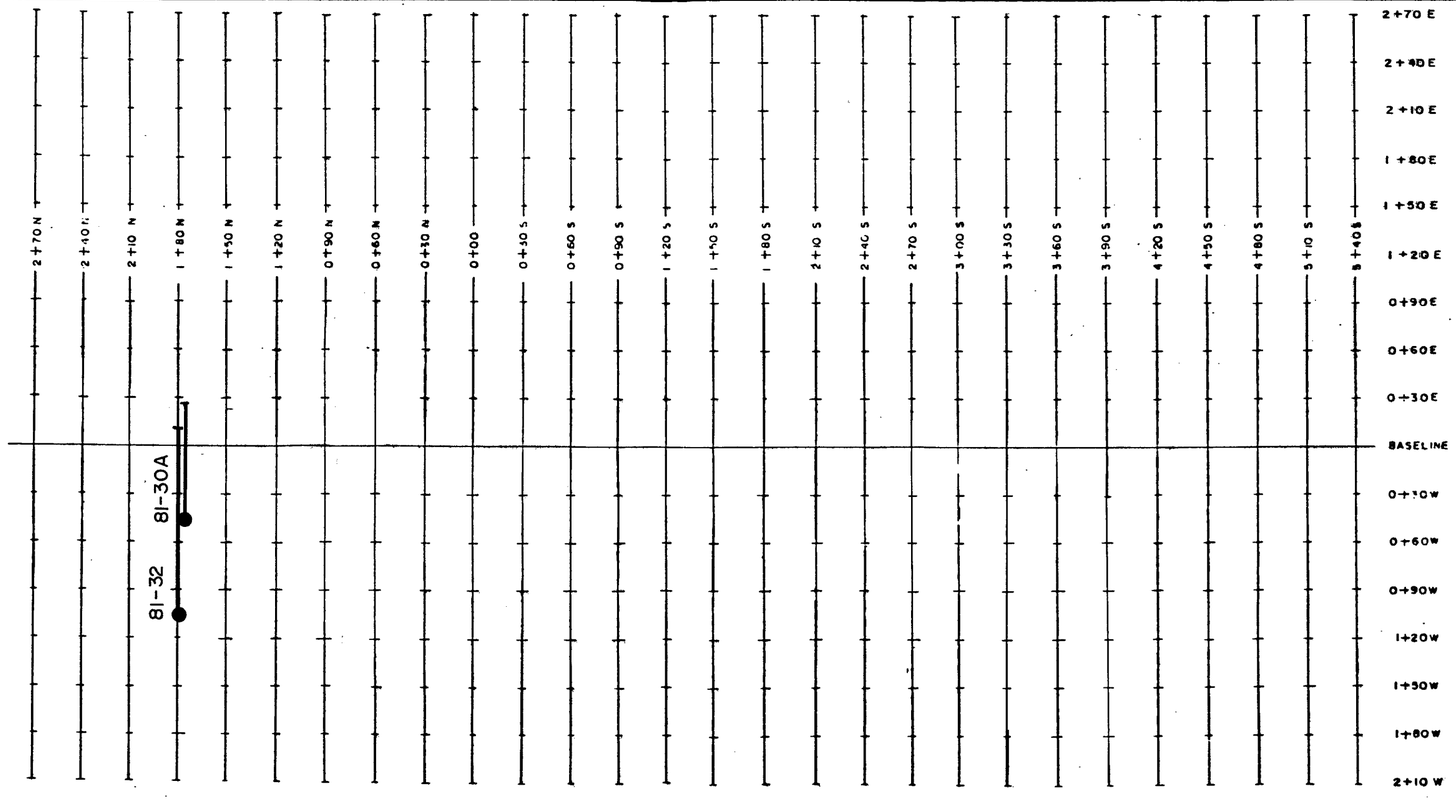

PROBABILITY
X 3 LOG CYCLES
KEUFFEL & ESSER CO.
46 8080
SOIL SAMPLES
ARSENIC - PARTS PER MILLION
ARSENIC - ppm
AVERAGE 7.4
STANDARD DEVIATION, S 3.19
VARIANCE, S² 10.18
THRESHOLD 17.5
PROBITS
PERCENTAGE
CUMULATIVE %
98%
97.5
2%
ppm
ARSENIC
ORO-ZONE-RENO-NEVA GROUP
FREQUENCY CURVE
DRAWN BY: AFB
DATE: SEPT. 22, 1981

FIGURE: 6



LEGEND:

81-32 ●—— DIAMOND DRILL HOLE LOCATION

SEREM LTD.

PROJECT: LAWYERS PROJECT

TITLE: AMETHYST GOLD BRECCIA ZONE

DIAMOND DRILL HOLE LOCATIONS

NTS: 94E/6E	SCALE: 1 : 3000 (30 0 30 60 90m)	DATA: J. CARNE DRAWN: J.F.C DATE: OCT 81	FIGURE 4