ASSESSMENT REPORT

8/85

DRILLING, GEOCHEMICAL AND GEOPHYSICAL REPORT ON THE NAGY, AQUA, SK-U AND SK-ME MINERAL CLAIMS

Harrison Lake, B.C.
New Westminster Mining Division
N.T.S. 92G/9 and 92H/12
Latitude 49°38' N Longitude 121°59' W

Report by

STEVEN COOMBES

on behalf of

RHYOLITE RESOURCES INC.

Field Work Done from September 20 to December 17, 1983

Vancouver, B.C. August 9, 1984

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LIST OF FIGURES

1. GENERAL INFORMATION

1.1 Location and Access

The claims are located near Doctors Point on the west shore of Harrison Lake, some forty kilometres NNW of Harrison Hot Springs in the New Westminster Mining Division, British Columbia (Fig. 1). Access is by gravel logging road from Harrison Mills, a distance of sixty kilometres by road.

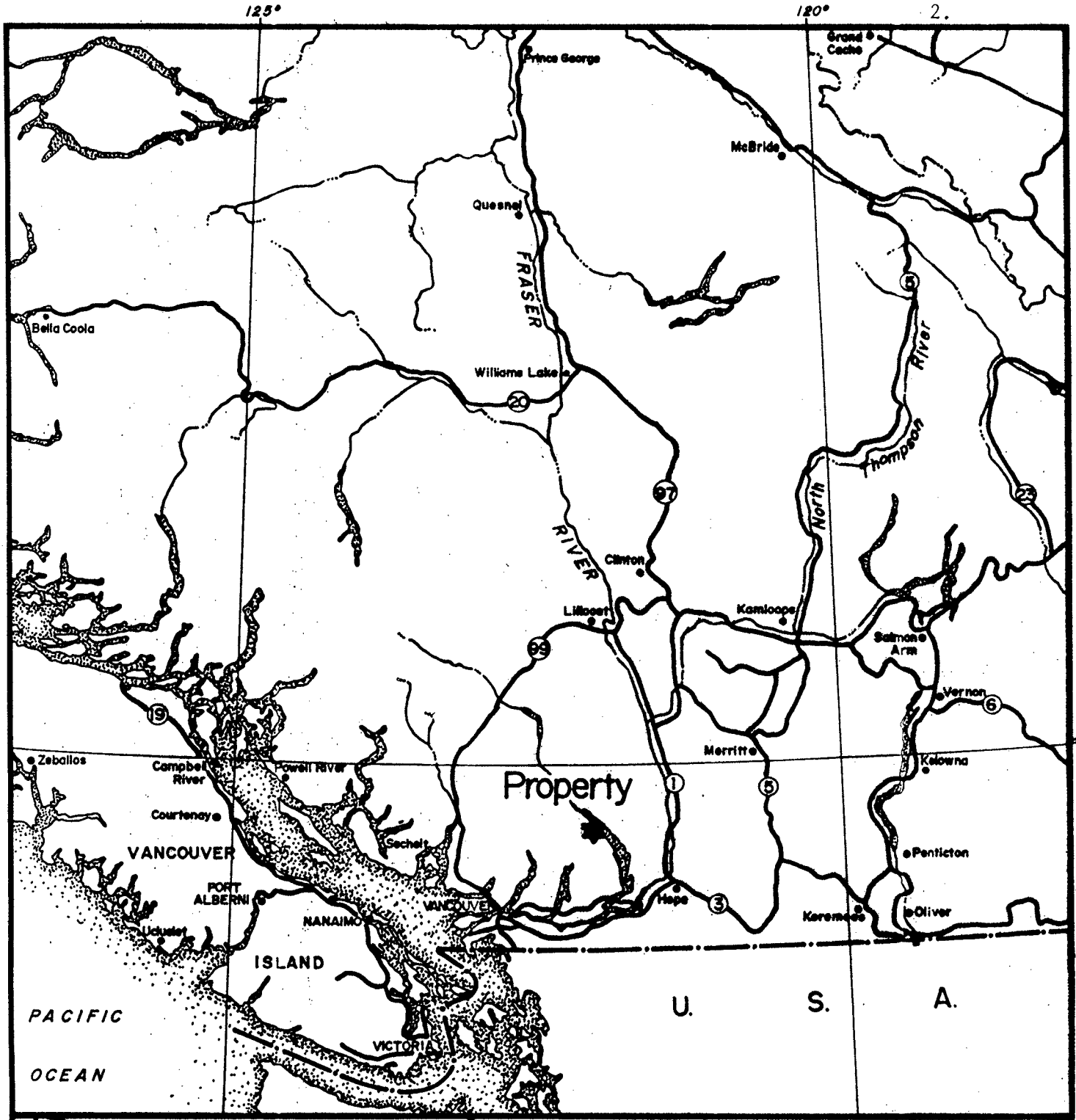
1.2 Topography

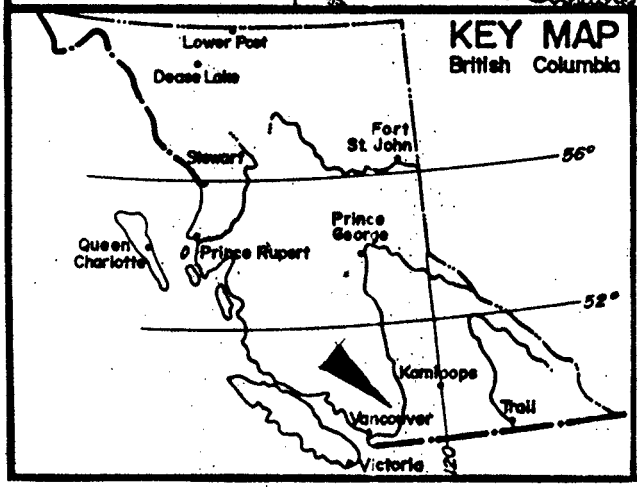
Elevations range from 10 to 1200 metres above sea level. The property is steep, with occasional cliff bands parallel to the lake. Vegetation is mostly second growth Douglas Fir.

1.3 Claim Information

Records show that the mineral claims have the following status:

Claim Name	Record No.	Units	Record Date	Expiry Date
Nagy	1265	20	Aug. 21, 1981	Aug. 21, 1984
Aqua	1281	6	Aug. 14, 1981	Aug. 14, 1984
SK-U	1282	18	Aug. 14, 1981	Aug. 14, 1984
SK-ME	1283	18	Aug. 14, 1981	Aug. 14, 1984





RHYOLITE RESOURCES INC.

Harrison Lake Property Harrison L. area, B.C.

New Westminster Mining Division 92G & H

0 10 20 30 40 50 100 150 miles

SCALE 1 in. = 50 miles

Project Location

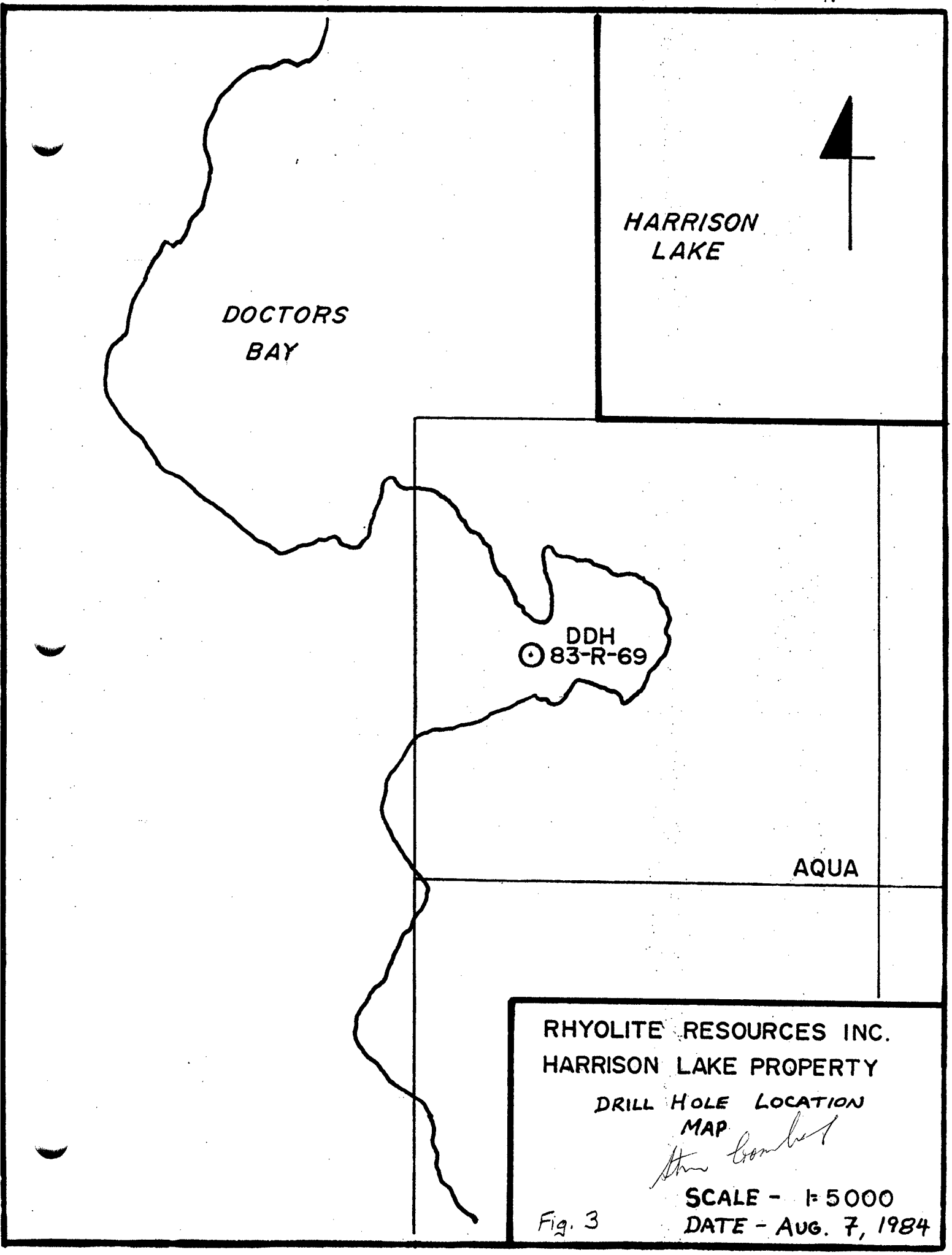
Fig. 1

2. DRILLING

DDH 83-R-69 was drilled between December 13th and December 16th, 1983 on the peninsula south of Doctors Bay on the AQUA mineral claims (Fig. 2 and 3). The hole went to a depth of 200 feet (61.0 metres) and was drilled to give HQ size core.

The core is currently stored at the exploration camp on the property.

The drill logs are attached to this report (Appendix A).



RHYOLITE RESOURCES INC.
HARRISON LAKE PROPERTY
DRILL HOLE LOCATION
MAP

SCALE - 1:5000
DATE - AUG. 7, 1984

Fig. 3

3. GEOCHEMISTRY

A total of 77 soil samples were taken over 3.8 km of cut lines on the H.S. Grid (Fig. 2). The grid consists of two lines: 0+00, which is 1.8 km, and 4+00 N, which is 2.0 km. The samples were taken at 50 metre intervals from the B horizon, at a depth of approximately 30 cm.

The analytical report is included as Appendix B.

The soil sampling program was undertaken to further evaluate a crescent-shaped magnetic anomaly that was delineated by the airborne survey flown on September 20, 1983.

The soil sample results were not encouraging, with only one sample, L0+00 14+50 W, being slightly anomalous in gold (30 ppb).

4. GEOPHYSICS

Two geophysical surveys were undertaken on the property, an Airborne VLF - Electromagnetometer and Magnetometer survey on September 20, 1983, and a Ground Multipole Induced Polarization survey on part of the HS Grid from November 3 to 9, 1983.

The reports from the geophysical consultants are included as Appendices C and D.

5. STATEMENT OF COSTS

Drilling

200 ft. @ $22.00/ft.	Dec. 13-16, 1983	$4,400.00	
Geologist: 2 days core logging @ $115/day	Dec. 16 & 17, 1983	230.00	
Assays - 3 rock assays @ $16.50/sample		49.50	
			$ 4,679.50

Geophysics

Airborne VLF-Electromagnetometer & Magnetometer Survey	Sept. 20, 1983	$7,900.00	
Ground Multipole Induced Polarization Survey	Nov. 3-9, 1983		
7 days @ $1240/day		8,680.00	
			$16,580.00

Geochemistry

Assay Costs:			
Soils - 77 samples @ $13.10/sample		$1,008.70	
Lines & Sampling:			
3.8 km @ $250/km	Oct. 15-19, 1983	950.00	
			$ 1,958.70
TOTAL EXPENDITURES			$23,218.20

Steve Coombes
Aug 9, 1984

6. CERTIFICATE OF QUALIFICATIONS

I, STEVEN F. COOMBES, of Vancouver, B.C., do certify that:

1. I am a geologist employed by Rhyolite Resources Inc.

2. I am a graduate of the University of British Columbia with a B.Sc. degree (1983).

3. I have practised my profession in western Canada for the past year.

4. This report, prepared at the request of Rhyolite Resources Inc., is based on work that I did or supervised on the Harrison Lake Property between September 20 and December 17, 1983.

5. I hold no interest in the Harrison Lake Property, nor in Rhyolite Resources Inc.

Vancouver, B.C.
August 9, 1984

Steven F. Coombes, B.Sc.
Geologist.

APPENDIX A

Drill Logs

DRILL HOLE RECORD

RHYOLITE RESOURCES INC.

Colour Plot & Dips	DEPTH from	DEPTH to	DESCRIPTION	RECOVERY run	RECOVERY short	Sample Interval	Sample No.	Length	ANALYSIS Au-oz/ton	ANALYSIS Ag-oz/ton
			- occasional phenocrysts of a white mineral	32.00	33.53					
			(quartz)	35.05						
			- occasional quartz/carbonate stringers from	36.58						
			15.7-17.6m with minor pyrrhotite	38.10						
				39.62						
	17.6	18.4	FAULT ZONE	41.15		17.6-18.6	20632	1.0	0.001	0.01
			- bleached tuffaceous andesite surrounding a	42.67						
			10cm thick band of sericitic gouge	44.12						
				45.72						
	18.4	61.0	TUFFACEOUS ANDESITE	47.24						
			- similar to 8.4-17.6m, but no visible	48.77						
			pyrite except filling occasional fractures	50.29						
			- fault gouge at 30° to core axis at 58.8m	51.97						
				53.49						
				55.17						
				56.54						
				58.06						
				59.44						
				60.96						
			END OF HOLE							

Project _____ Logged by S. Coombes Checked by _____ Hole No. 83-R-69

Location _____ Date December 16, 1983 Date _____ Page 2 of 2

S. Coombes

DRILL HOLE RECORD

RHYOLITE RESOURCES INC.

Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster M.D. Hole No. 83-R-69 Length 61.0m

Commenced December 13, 1983 Completed December 16, 1983 Core Size HQ True Bearing Corr. Dip -90°

Lat. Dep. Elev. Hor. Comp. Vert. Comp.

% Recovery Collar Dip Date Objective

Colour Plot & Dips	DEPTH from	DEPTH to	DESCRIPTION	RECOVERY run	RECOVERY short	Sample Interval	Sample No.	Length	ANALYSIS Au-oz/ton	ANALYSIS Ag-oz/ton
				0.00-2.13	1.7					
	0.0	1.7	NO CORE	3.81	0.3					
				4.57	0.2					
	1.7	2.1	RUBBLE	6.71						
			- pebble to cobble sized pieces of andesitic	8.23						
			fragmental volcanics	9.75						
				11.28						
	2.1	7.8	TUFFACEOUS ANDESITE	12.50						
			- medium grey, medium to coarse grained	13.02						
			partially bleached due to weathering	15.70						
			- occasional thin pyrite coated fractures	17.07						
				18.59						
	7.8	8.3	BRECCIA	20.12		7.8-8.3	20630	0.5	0.001	0.01
			- rounded to subangular fragments ranging in	21.79						
			size from 1mm to 15mm of	23.32						
			volcanic rock set in an andesitic matrix	24.99						
				26.52						
	8.3	17.6	TUFFACEOUS ANDESITE	27.74		16.6-17.6	20631	1.0	0.001	0.01
			- medium to dark grey, medium grained,	29.26						
			massive rock with scattered blebs	20.63						
			of pyrite	32.00						

NOTE :

All angles measured from core axis.

Logged by S. Coombes Checked by Hole No. 83-R-69

Date December 16, 1983 Date Page 1 of 2

S. Coombes

APPENDIX B

Geochemical Analytical Report

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project ..... Harrison Lake ..... Date of report ..... Dec. 1/83

File No. ..... 3-1433 ..... Date samples received ..... Nov. 21/83

Samples submitted by: .....

Company: ..... Rhyolite Resources .....

Report on: ..... 77 soil ..... Geochem samples

..... Assay samples

Copies sent to:

1. Rhyolite Res., Vancouver, B.C.
2. .....
3. .....

Samples: Sieved to mesh ..... -80 ..... Ground to mesh .....

Prepared samples stored ☒ discarded ☐

rejects stored ☐ geo discarded ☒

Methods of analysis: Au aqua regia analysis., ICP analysis.

Remarks: .....

COMPANY: RHYOLITE RESOURCES
PROJECT No: HARRISON LAKE
ATTENTION:

MIN-EN LABS ICP REPORT
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M
(604)980-5814 OR (604)988-4524

(ACT:GEO3A+) PAGE 1 OF 3
FILE No: 3-1433S/P1+2
DATE: DECEMBER 1, 1983

(REPORT VALUES IN PPM)

	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
0+00-2+00W	.2	20700	0	22	24	3000	0	11	27	64000	216	4000
0+00-2+50W	.1	17400	0	24	15	3330	.9	20	28	56700	399	4380
0+00-3+00W	0	28000	0	31	23	3770	2.7	34	49	66700	450	5710
0+00-3+50W	0	39100	0	37	30	4140	1.9	21	55	78700	587	6470
0+00-4+00W	.1	30900	0	31	22	3520	1.2	16	29	78200	360	4010
0+00-4+50W	.2	31200	0	30	22	3500	.5	15	33	75600	417	4040
0+00-5+00W	0	34700	0	34	22	3570	1.5	20	48	73000	417	4940
0+00-5+50W	0	35100	0	34	22	4050	2.2	18	25	75100	458	4000
0+00-6+00W	.3	37800	0	35	26	4130	2.1	23	53	75300	570	6210
0+00-6+50W	0	39000	0	38	22	3430	2.0	21	44	76900	565	6290
0+00-7+00W	0	38700	0	36	26	4470	2.0	21	50	78200	500	6600
0+00-7+50W	.5	24900	0	26	23	3480	.6	17	33	74000	358	3690
0+00-8+00W	0	29400	0	28	23	2150	4.4	15	37	65600	286	4830
0+00-8+50W	.1	33400	0	32	22	3140	1.6	18	38	71900	397	5400
0+00-9+00W	.1	36400	0	35	22	3610	.4	19	43	77400	456	5990
0+00-9+50W	.7	37000	0	34	35	3100	1.2	19	43	77400	413	5050
0+00-10+00W	.2	36900	0	35	22	3420	1.9	18	52	79300	443	5480
0+00-10+50W	0	19600	0	20	15	2980	.6	12	23	60600	290	3440
0+00-11+00W	0	39000	0	35	15	1850	1.5	17	31	60600	279	2730
0+00-11+50W	.6	24900	0	24	28	2740	1.1	13	26	65600	282	3270
0+00-12+00W	.2	33200	0	32	26	3310	3.6	19	47	78200	415	5730
0+00-12+50W	0	36200	0	36	34	3570	.7	20	43	85800	467	5800
0+00-13+00W	1.1	28700	0	28	23	3560	.5	13	35	63500	301	4720
0+00-13+50W	.5	44100	0	43	33	4680	2.0	22	62	90800	570	8560
0+00-14+00W	.7	36500	0	36	34	4040	1.1	17	41	92100	469	5840
0+00-14+50W	.7	26000	0	26	18	4440	3.2	13	43	70600	406	5300
0+00-15+00W	.5	18000	0	22	23	5600	1.6	12	25	70600	391	3810
0+00-15+50W	.5	32000	0	33	26	4310	.2	17	44	80600	465	6000
0+00-16+00W	.4	43000	0	42	34	2850	1.1	18	50	91600	402	7220
0+00-16+50W	0	49700	0	47	37	2820	2.3	26	73	99200	406	7360
0+00-17+00W	0	44400	0	39	25	3500	.7	17	55	85600	474	6400
0+00-17+50W	0	30800	0	29	26	3130	1.1	13	26	79800	330	3880
0+00-18+00W	0	35200	0	34	22	3220	1.3	14	42	75600	343	4770
0+00-18+50W	.4	24200	0	26	23	4720	.8	13	39	70600	596	5900
0+00-19+00W	0	49400	0	45	20	4210	2.2	19	69	87100	395	6990
0+00-19+50W	.2	32700	0	31	22	2620	0	13	31	84300	310	2950
0+00-20+00W	0	33200	0	29	21	1890	.4	12	24	91100	207	2030
4+00N-0+00W	N/S											
4+00N-0+50W	.1	26300	0	28	34	3510	1.1	16	20	92100	391	4160
4+00N-1+00W	0	20400	0	20	24	2280	.6	12	21	62200	229	2220
4+00N-1+50W	0	30400	0	29	23	3840	2.2	16	38	61400	389	4580
4+00N-2+00W	0	36500	0	35	22	2470	.7	12	34	72400	319	2160
4+00N-2+50W	0	23600	0	24	16	1270	.3	10	14	53300	186	1570
4+00N-3+00W	0	23100	0	22	16	2580	3.5	15	31	52800	500	4450
4+00N-3+50W	.3	15000	0	17	16	2420	.3	8	18	52800	179	976
4+00N-4+00W	0	43100	0	35	19	1390	0	15	36	67700	351	2190
4+00N-4+50W	0	48200	0	43	14	2030	0	11	23	61400	253	1400
4+00N-5+00W	0	42100	0	36	23	1740	1.0	11	23	68200	260	2600
4+00N-5+50W	0	27900	0	28	19	1300	2.0	10	26	64000	288	3380
4+00N-6+00W	0	27300	0	27	14	1640	.8	12	19	71700	255	2550
4+00N-6+50W	0	34400	0	33	26	2970	1.7	13	36	82200	310	4670
4+00N-7+00W	0	26200	0	27	15	3200	.5	11	12	63800	286	2130
4+00N-7+50W	.3	22500	0	24	19	2900	0	12	11	66100	268	2390
4+00N-8+00W	.2	21100	0	22	18	3810	0	19	17	76100	264	2980
4+00N-8+50W	.4	36300	0	36	36	3520	.9	48	20	122000	439	2940
4+00N-9+00W	.6	25300	0	25	14	3060	1.1	12	19	66700	310	3040
4+00N-9+50W	.3	25900	0	26	23	3260	0	13	13	73000	286	2440
4+00N-10+00W	.7	14800	0	17	16	2950	1.1	7	8	53000	196	1210
4+00N-10+50W	0	32200	0	30	15	2330	2.2	10	14	61900	234	2580
4+00N-11+00W	0	32500	0	29	14	2770	.2	11	30	68200	275	2120

(REPORT VALUES IN PPM)

	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
0+00-2+00W	439	16	72	25	297	30	0	39	9	0	109.0	12
0+00-2+50W	519	14	201	29	461	11	0	40	8	0	84.5	29
0+00-3+00W	835	14	195	29	486	34	0	52	10	0	90.3	44
0+00-3+50W	562	16	122	27	464	6	0	66	7	0	107.0	46
0+00-4+00W	355	17	109	18	476	0	0	52	5	0	113.0	32
0+00-4+50W	403	12	113	18	511	0	0	57	6	0	106.0	28
0+00-5+00W	340	19	126	25	320	0	0	59	7	9	99.2	33
0+00-5+50W	350	13	130	12	399	2	0	55	5	0	90.7	72
0+00-6+00W	480	16	139	24	507	10	0	70	6	13	105.0	31
0+00-6+50W	456	13	119	28	1760	15	0	66	7	10	107.0	39
0+00-7+00W	636	14	126	31	543	7	0	67	7	5	113.0	53
0+00-7+50W	312	20	113	24	318	22	0	46	4	4	97.2	42
0+00-8+00W	372	14	92	20	675	13	0	43	8	7	90.2	35
0+00-8+50W	407	15	106	17	592	24	0	58	6	17	101.0	42
0+00-9+00W	453	13	117	23	472	18	0	65	7	4	107.0	28
0+00-9+50W	402	17	106	27	555	14	0	62	5	16	102.0	39
0+00-10+00W	388	11	110	24	320	21	0	61	7	13	109.0	22
0+00-10+50W	225	9	87	13	275	0	0	40	5	0	88.5	18
0+00-11+00W	395	8	85	16	626	0	0	53	3	16	77.4	11
0+00-11+50W	236	10	88	20	464	5	0	44	4	16	98.7	11
0+00-12+00W	390	16	101	25	558	1	0	53	5	8	112.0	21
0+00-12+50W	434	15	104	25	334	25	0	65	5	8	118.0	25
0+00-13+00W	365	12	74	26	382	23	0	58	6	26	101.0	17
0+00-13+50W	545	25	112	33	583	8	0	77	10	19	129.0	32
0+00-14+00W	382	21	114	26	560	12	0	65	5	11	127.0	15
0+00-14+50W	328	14	137	26	354	55	0	57	5	4	95.4	29
0+00-15+00W	245	10	140	12	302	0	0	54	1	2	92.0	8
0+00-15+50W	386	12	127	15	337	17	0	63	5	8	109.0	18
0+00-16+00W	465	18	92	25	429	8	0	64	9	0	128.0	32
0+00-16+50W	475	21	97	35	689	4	0	68	9	0	130.0	12
0+00-17+00W	464	16	116	23	507	0	0	66	9	0	118.0	8
0+00-17+50W	256	13	93	10	302	0	0	48	7	0	110.0	5
0+00-18+00W	376	13	104	22	383	0	0	55	7	0	101.0	9
0+00-18+50W	357	11	162	16	323	12	0	51	7	0	88.3	19
0+00-19+00W	508	15	95	22	597	0	0	75	5	0	108.0	23
0+00-19+50W	240	7	120	21	482	0	0	47	2	0	118.0	12
0+00-20+00W	131	9	80	11	507	5	0	41	5	0	111.0	0
4+00N-0+00W	N/S											
4+00N-0+50W	860	14	143	27	1040	9	0	48	7	0	98.2	122
4+00N-1+00W	268	11	93	7	414	8	0	34	6	0	93.9	25
4+00N-1+50W	695	11	129	24	683	0	0	50	6	0	77.6	42
4+00N-2+00W	281	9	97	16	560	4	0	52	9	5	116.0	0
4+00N-2+50W	367	11	84	19	1260	0	0	29	8	0	89.7	68
4+00N-3+00W	459	16	157	22	564	13	0	41	9	0	78.1	26
4+00N-3+50W	182	6	79	13	470	0	0	30	5	1	87.5	31
4+00N-4+00W	158	11	126	13	685	1	0	53	5	6	79.9	0
4+00N-4+50W	277	11	114	8	1130	0	0	62	6	18	86.0	6
4+00N-5+00W	244	9	83	13	455	0	0	55	7	0	90.2	0
4+00N-5+50W	237	16	91	13	1070	14	0	39	6	0	86.3	11
4+00N-6+00W	184	9	89	13	556	4	0	31	4	1	88.1	39
4+00N-6+50W	507	20	128	29	607	1	0	54	8	0	88.5	22
4+00N-7+00W	213	9	100	22	497	0	0	46	2	6	88.2	41
4+00N-7+50W	206	10	94	12	432	5	0	38	3	13	87.0	47
4+00N-8+00W	425	12	101	15	328	0	0	42	2	5	97.4	47
4+00N-8+50W	331	22	106	20	379	0	0	62	5	3	148.0	84
4+00N-9+00W	199	13	92	14	260	12	0	45	4	0	80.3	24
4+00N-9+50W	161	10	95	11	233	0	0	48	3	3	90.7	18
4+00N-10+00W	250	6	84	4	174	10	0	31	0	0	72.2	22
4+00N-10+50W	201	8	64	11	415	0	0	42	4	0	78.3	12
4+00N-11+00W	171	10	87	11	471	0	0	50	3	6	85.5	16

(REPORT VALUES IN PPM)		BA	SE	AU-PPB
0+00-2+00W		53	1	5
0+00-2+50W		44	1	10
0+00-3+00W		74	1	10
0+00-3+50W		106	0	5
0+00-4+00W		70	0	5
0+00-4+50W		90	0	10
0+00-5+00W		92	0	5
0+00-5+50W		66	0	15
0+00-6+00W		119	0	5
0+00-6+50W		133	0	5
0+00-7+00W		120	0	10
0+00-7+50W		65	0	5
0+00-8+00W		87	0	5
0+00-8+50W		96	0	10
0+00-9+00W		102	0	<5
0+00-9+50W		112	1	15
0+00-10+00W		109	0	5
0+00-10+50W		49	0	5
0+00-11+00W		42	0	10
0+00-11+50W		47	0	5
0+00-12+00W		117	0	10
0+00-12+50W		100	0	10
0+00-13+00W		75	1	5
0+00-13+50W		122	1	5
0+00-14+00W		104	0	10
0+00-14+50W		78	0	30
0+00-15+00W		56	0	5
0+00-15+50W		115	0	5
0+00-16+00W		108	0	10
0+00-16+50W		117	0	<5
0+00-17+00W		109	0	<5
0+00-17+50W		48	0	5
0+00-18+00W		53	0	5
0+00-18+50W		68	2	10
0+00-19+00W		68	0	5
0+00-19+50W		38	0	5
0+00-20+00W		30	0	5
4+00N-0+00W	N/S			
4+00N-0+50W		125	3	10
4+00N-1+00W		64	1	5
4+00N-1+50W		156	0	5
4+00N-2+00W		83	1	<5
4+00N-2+50W		58	2	10
4+00N-3+00W		71	1	5
4+00N-3+50W		40	0	10
4+00N-4+00W		45	0	10
4+00N-4+50W		48	0	5
4+00N-5+00W		38	0	5
4+00N-5+50W		36	0	10
4+00N-6+00W		51	0	5
4+00N-6+50W		75	0	5
4+00N-7+00W		61	0	<5
4+00N-7+50W		55	0	10
4+00N-8+00W		58	0	5
4+00N-8+50W		78	0	10
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4+00N-10+00W		37	0	5
4+00N-10+50W		38	0	5
4+00N-11+00W		35	0	5

COMPANY: RHYOLITE RESOURCES
PROJECT No: HARRISON LAKE
ATTENTION:

MIN-EN LABS ICP REPORT
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:GE03A+) PAGE 1 OF 3
FILE No: 3-1433S/P3
DATE: DECEMBER 1, 1983

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
4+00N-11+50W	1.3	25500	0	27	52	3480	1.6	15	34	72400	504	4570
4+00N-12+00W	1.1	33200	0	38	62	4400	4.6	19	44	109000	297	5090
4+00N-12+50W	.7	27900	0	24	0	3130	.4	15	25	63400	341	2620
4+00N-13+00W	.6	24600	0	25	0	3810	.7	13	20	59500	261	2190
4+00N-13+50W	.1	31300	0	31	39	4080	2.4	17	30	60300	348	3750
4+00N-14+00W	.6	22400	0	23	0	4140	0	13	15	57300	273	2220
4+00N-14+50W	0	28100	0	25	0	3290	1.9	13	24	53400	331	3550
4+00N-15+00W	1.0	29500	0	27	34	3420	1.1	14	29	66100	283	2210
4+00N-15+50W	.6	23200	0	23	39	3350	1.9	12	21	67900	326	2680
4+00N-16+00W	.7	20600	0	20	0	4370	2.1	16	38	51300	560	4260
4+00N-16+50W	.7	23500	0	23	0	2820	.8	13	25	57300	261	2580
4+00N-17+00W	.8	22800	0	23	0	3200	2.8	13	24	53800	280	2750
4+00N-17+50W	0	40700	0	35	39	1730	.8	13	25	56900	244	2690
4+00N-18+00W	1.4	27900	0	29	38	2770	.5	14	19	76900	215	2030
4+00N-18+50W	.9	30600	0	31	51	3290	1.1	13	23	81000	256	2290
4+00N-19+00W	1.0	32700	0	30	47	2750	2.5	13	25	71800	288	3060
4+00N-19+50W	.9	41300	148	50	87	1740	9.1	24	82	149000	297	22100
4+00N-20+00W	.5	26800	0	25	0	2770	3.2	13	33	60900	273	3920

MIN-EN LABS ICP REPORT

5 WEST 15th ST., NORTH VANCOUVER, B.C. V7M
(604)980-5814 OR (604)988-4524

(REPORT VALUES IN PPM)	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
4+00N-11+50W	267	23	89	23	710	9	1	67	13	11	121.0	40
4+00N-12+00W	313	39	87	44	1310	40	4	91	28	0	177.0	33
4+00N-12+50W	450	16	76	21	425	0	0	54	10	0	105.0	27
4+00N-13+00W	219	12	94	23	419	0	0	56	8	2	91.7	27
4+00N-13+50W	370	15	97	19	563	19	0	69	10	0	94.7	34
4+00N-14+00W	376	12	89	18	439	10	0	65	8	0	95.8	48
4+00N-14+50W	257	14	97	16	488	14	0	59	13	0	85.5	23
4+00N-15+00W	203	16	112	25	560	4	0	55	8	0	105.0	23
4+00N-15+50W	194	14	107	15	429	4	0	52	9	0	99.4	22
4+00N-16+00W	420	14	147	23	537	0	0	54	11	0	84.1	34
4+00N-16+50W	199	12	109	16	282	0	0	48	5	0	83.7	22
4+00N-17+00W	387	13	81	19	555	14	0	47	9	0	87.4	25
4+00N-17+50W	325	15	78	19	1030	6	0	59	12	0	91.6	15
4+00N-18+00W	149	17	80	13	594	0	0	53	8	0	122.0	13
4+00N-18+50W	155	14	75	12	567	30	0	65	11	0	129.0	7
4+00N-19+00W	188	21	93	18	546	18	0	59	11	14	119.0	24
4+00N-19+50W	776	69	116	69	1660	124	17	94	50	0	182.0	32
4+00N-20+00W	265	19	93	24	417	12	0	51	14	0	91.9	23

MIN-EN LABS ICP REPORT

05 WEST 15th ST., NORTH VANCOUVER, B.C. V7M
(604)980-5814 OR (604)988-4524

(REPORT VALUES IN PPM)	BA	SE	AU-PPB
4+00N-11+50W	52	2	5
4+00N-12+00W	70	8	10
4+00N-12+50W	48	1	5
4+00N-13+00W	41	1	5
4+00N-13+50W	53	2	5
4+00N-14+00W	70	2	5
4+00N-14+50W	41	3	5
4+00N-15+00W	41	0	5
4+00N-15+50W	48	1	5
4+00N-16+00W	66	3	5
4+00N-16+50W	43	0	5
4+00N-17+00W	52	2	5
4+00N-17+50W	39	0	5
4+00N-18+00W	44	0	5
4+00N-18+50W	37	0	5
4+00N-19+00W	41	0	5
4+00N-19+50W	104	21	5
4+00N-20+00W	48	3	5

APPENDIX C

Geophysical Report on an Airborne VLF-Electromagnetometer and Magnetometer Survey

RHYOLITE RESOURCES INC.
GEOPHYSICAL REPORT
ON AN

AIRBORNE VLF-ELECTROMAGNETOMETER AND MAGNETOMETER SURVEY

Harrison Lake Area, New Westminster M.D.

Lat.49°39'N Long.121°59'W NTS 92G/9E & 92H/12W

Authors: E.Trent Pezzot B.Sc.,Geophysicist

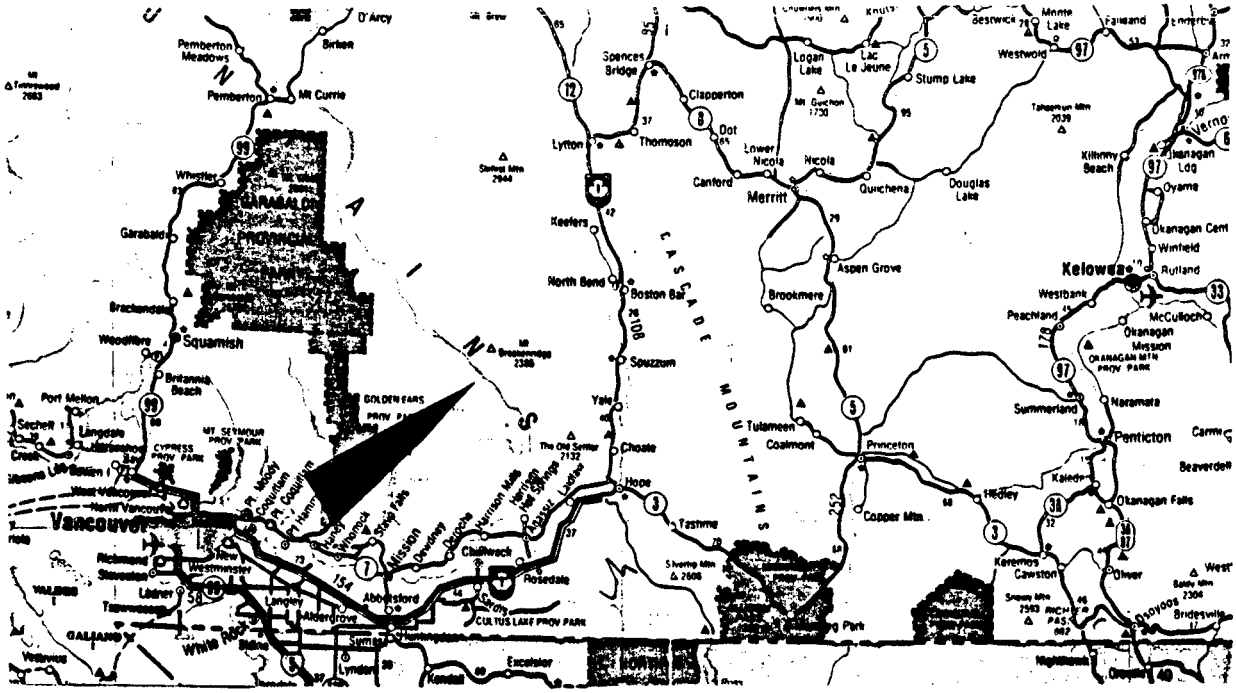
Glen E. White B.Sc., P.Eng.
Consulting Geophysicist

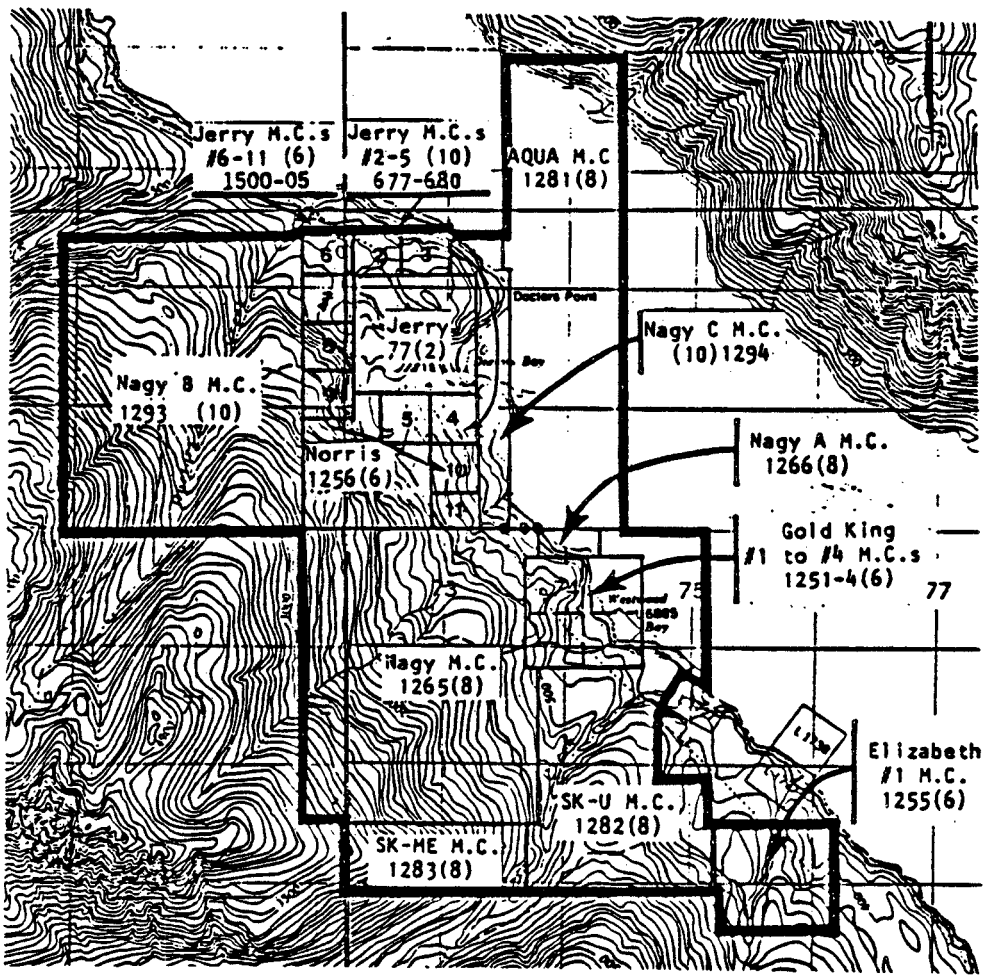
Date of Work:September 20, 1983

Date of Report: October 7, 1983

TABLE OF CONTENTS

ILLUSTRATIONS





RHYOLITE RESOURCES LTD.
— HARRISON LAKE PROPERTY —
LOCATION AND CLAIMS MAP

Western Geophysical Aero Data Ltd

FIGURE 1

INTRODUCTION

On September 20, 1983 Western Geophysical Aero Data Ltd. conducted an airborne Magnetometer and VLF-Electromagnetometer survey in the Harrison Lake area of B.C. The survey was flown on a participation basis for three separate companies and included properties held by Rhyolite Resources Inc.

Recent exploration by Rhyolite Resources Inc. has outlined areas containing significant gold and silver mineralization on these properties. It was the intention of this survey to determine whether the magnetic and/or electromagnetic techniques could effectively map the known geology in the mineralized areas. Based on encouraging results, this survey is intended to outline areas for future exploration.

PROPERTY

The properties owned or optioned by Rhyolite Resources Inc. are listed below and illustrated on Figure 1.

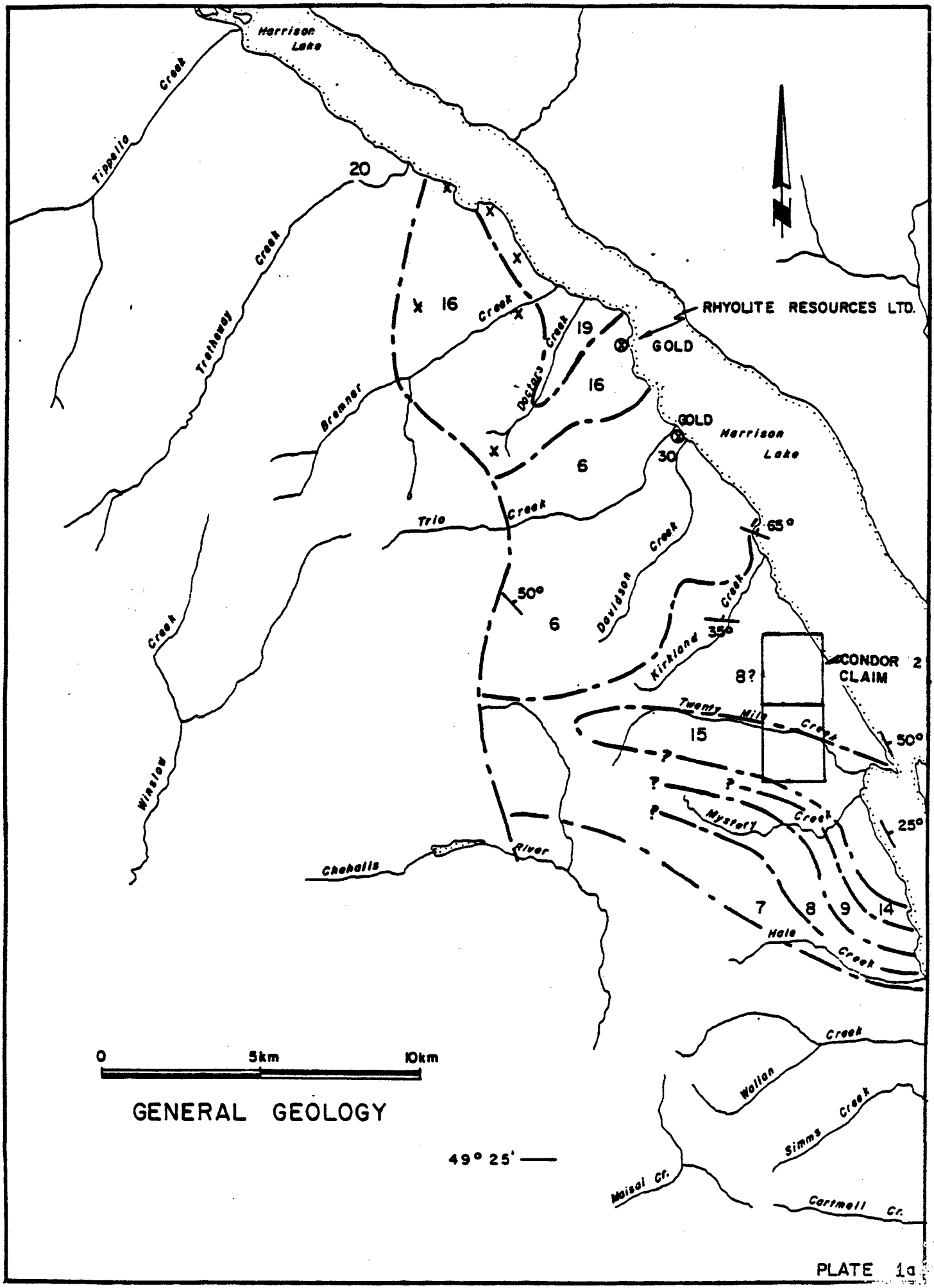
No.	Claim Name	Rec.No.	Units	Loc.Date	Rec.Date	Year Due
1.	Jerry	77	4	Nov.28/75	Dec.15/75	1984
2.	Jerry 2	677	1	Oct.29/79	Oct.31/79	1985
3.	Jerry 3	678	1	Oct.29/79	Oct.31/79	1985
4.	Jerry 4	679	1	Oct.29/79	Oct.31/79	1985
5.	Jerry 5	680	1	Oct.29/79	Oct.31/79	1985
6.	Jerry 6	1500	1	Jun.24/82	Jun.30/82	1983
7.	Jerry 7	1501	1	Jun.24/82	Jun.30/82	1983
8.	Jerry 8	1502	1	Jun.24/82	Jun.30/82	1983
9.	Jerry 9	1503	1	Jun.24/82	Jun.30/82	1983
10.	Jerry 10	1504	1	Jun.24/82	Jun.30/82	1983
11.	Jerry 11	1505	1	Jun.24/82	Jun.30/82	1983

No.	Claim Name	Rec.No.	Units	Loc.Date	Rec.Date	Year Due
12.	Gold King #1	1251	1	Jun.24/81	Jun.29/81	1984
13.	Gold King #2	1252	1	Jun.24/81	Jun.29/81	1984
14.	Gold King #3	1253	1	Jun.24/81	Jun.29/81	1984
15.	Gold King #4	1254	1	Jun.24/81	Jun.29/81	1984
16.	Elizabeth #1	1255	4	Jun.10/81	Jun.24/81	1984
17.	Norris #1	1256	4	Jun. 5/81	Jun.24/81	1984
18.	Nagy	1265	20	Aug. 6/81	Aug.21/81	1984
19.	Nagy A	1266	1	Aug. 6/81	Aug.21/81	1984
20.	AQUA	1281	16	Aug.12/81	Aug.14/81	1984
21.	SK-U	1282	18	Aug.11/81	Aug.14/81	1984
22.	SK-ME	1283	18	Aug.11/81	Aug.14/81	1984
23.	Nagy B	1293	20	Sep. 5/81	Oct. 2/81	1983
24.	Nagy C	1294	20	Sep. 6/81	Oct. 2/81	1983

LOCATION AND ACCESS

The claims are located along the west shore of Harrison Lake, approximately 160 kilometres from Vancouver. They lie within the New Westminster Mining Division and NTS. 92G/9E and 92H/12W. Approximate geographical co-ordinates are latitude 49°39'N and longitude 121°59'W.

Access to the property is via a forestry road which follows the west shore of Harrison Lake. This road begins at the Woods Creek Salmon Enhancement Spawning beds which are located some 12 kilometres from highway #7 at the Sasquatch Inn, some 90 kilometres east of Vancouver.


Harrison Lake
Tippella Creek
Trethewey Creek
Bremner Creek
Douglas Creek
Trio Creek
Davidson Creek
Kirkland Creek
Twenty Mile Creek
Mystery Creek
Hale Creek
Wallan Creek
Simms Creek
Maisal Cr.
Cartmell Cr.
Chehalis River
Wiseley Creek
RHYOLITE RESOURCES LTD.
GOLD
GOLD
CONDOR 2 CLAIM
20
16
19
16
6
30
6
15
7
8
9
14
8?
50°
65°
35°
25°
49° 25'
0
5km
10km
GENERAL GEOLOGY
PLATE 1a

LEGEND

EOCENE

20	Granodiorite
19	Quartz Diorite

LOWER CRETACEOUS

16	FIRE LAKE GROUP: Pyroclastics, greenstones, slate, greywacke, conglomerate, limestone.
15	BROKEN BACK HILL: Pyroclastics, greywacke

MIDDLE JURASSIC

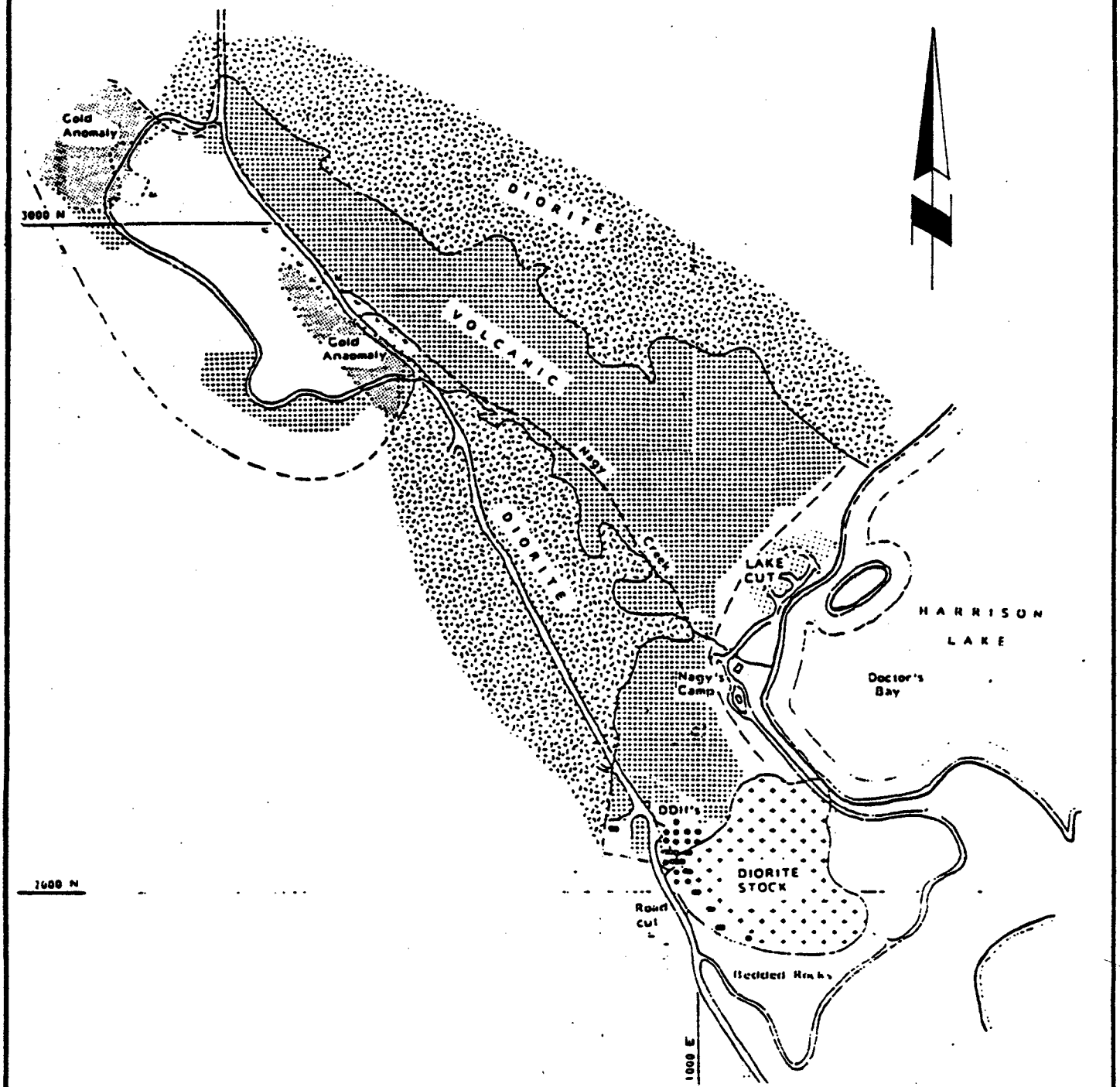
9	BILLHOOK CREEK FORMATION: Tuff, sandstone
8	MYSTERIOUS CREEK FORMATION: Pelite
7	ECHO ISLAND: Argillite, tuff
6	HARRISON LAKE: Flows, volcanoclastics, pyroclastics

TRIASSIC (and older)

1	HOZAMEEN GROUP: Volcanics, sediments

SYMBOLS

———	Geological Contacts, approximate
⊗13	Mineral Prospect; MI number
x	Recorded Pyritization
50°	Bedding Attitude



LOCAL GEOLOGY

Western Geophysical Aero Data Ltd.

PLATE 2

GENERAL GEOLOGY

The general geology of the Rhyolite Resources Inc. property is illustrated on Plate 1 of this report. A more detailed illustration of the geology near the gold discovery area is presented as Plate 2. This information has also been transferred to the detail magnetic contour map in this report.

PREVIOUS WORK

This Harrison Lake property was purchased from Nagyville Mining Limited by Rhyolite Resources Inc. in July, 1981. Previous to this time work conducted on the property consisted of two open cuts made by the vendor and associated assaying. Since purchasing the properties, Rhyolite Resources Inc. has conducted an extensive program of diamond drilling, soil sampling and geological prospecting to evaluate the area for gold, silver and sulphide mineralization.

AIRBORNE VLF-ELECTROMAGNETIC AND MAGNETIC SURVEY

This survey system simultaneously monitors and records the output signal from a proton precession magnetometer and two VLF-EM receivers installed in a bird designed to be towed 100 feet below a helicopter. A gimbal and shock mounted TV camera, fixed to the helicopter skid, provides input signal to a video cassette recorder allowing for accurate flight path recovery by correlation between the flight path cassette and air photographs of the survey area. A KING KRA-10A radar altimeter allows the pilot to continually monitor and control terrain clearance along any flight path.

Continuous measurements of the earth's total magnetic field intensity and of the total horizontal VLF-EM field strength of two transmission frequencies are stored in three independent modes: an analogue strip chart recorder, digital magnetic tapes and a digital video recovery system. A three-pen analogue power recorder provides direct, unfiltered recordings of the three geophysical instrument output signals. A Hewlett-Packard 9875 tape drive system digitally records all information as it is processed through an on-board micro-computer. The magnetic and electromagnetic data is also processed through the onboard micro-computer, incorporating an analogue to digital converter and a character generator, then superimposed along with the date, real time and terrain clearance upon the actual flight path video recording to allow exact correlation between geophysical data and ground location. The input signals are averaged and updated on the video display every second. Correlation between the strip chart, digital tape and the video flight path recovery tape is controlled via fiducial marks common to all systems. Line identification, flight direction and pertinent survey information are recorded on the audio track of the video recording tape.

DATA PROCESSING

Field data is digitally recorded on magnetic cassettes in a format compatible with the Hewlett-Packard 9845 computer. The flight path locations are digitized, thus the information can be processed as either time series or space point data.

Total field intensity magnetic information is routinely edited for noise spikes and corrected for any diurnal variations recorded on a base magnetometer located in the survey area.

Total field intensity VLF-EM signals are sensitive to topographic changes and receiver oscillation. Oscillation effects can be removed by filters tuned to the dominant period. Long period terrain effects can be removed by subtracting a polynomial fitted base level from the data. The degree of the polynomial can be selected to best represent terrain variations observed in the survey area.

Short period terrain effects often have similar response parameters to target conductive features. An interpretational technique often useful in distinguishing between terrain anomalies and conductor anomalies is to observe the difference between the responses from two transmitter stations. Terrain variations normally affect both data sets to a similar degree and are much reduced on a difference plot. The amplitude of the response due to a conductive body is dependent upon the relationship between the conductors' strike and direction to the transmitter station. In most instances the anomalous responses will vary between frequencies and therefore remain evident on the difference plot.

DISCUSSION OF RESULTS

Approximately 230 kilometres of survey was required to cover the Rhyolite Resources Inc. properties. The magnetic data is presented in contour form as Figure 2 of this report and the VLF-EM data as profiles on Figures 3-5. In addition, the magnetic data across the area with known gold and silver mineralization is presented at an expanded scale of 1:5,000 as Figure 6.

Referring to Figure 6, the geology as mapped by surfacial and down hole methods has been superimposed on the magnetic contours. Areas of reported gold mineralization are also highlighted. A definite correlation has been observed between gold mineralization and high magnetic intensities. The general orientation of the magnetic contours follows the geological trends which indicates the method can be used to map structures. Localized magnetic features however, appear to cross geological contacts which suggests metasomatic alteration at the volcanic-diorite contacts. These processes appear to have deposited or concentrated high magnetic susceptibility materials along with the precious metals.

Figure 2 illustrates the magnetic intensity on a macroscopic scale. The gold discovery area is seen to be part of a large west-northwesterly trending belt of high magnetic intensity which is open to both the northwest and east. This anomaly may be caused by a granitic body intruding along a zone of structural weakness with metasomatism and mineral deposition occurring along the diorite-volcanic contacts. The magnetic patterns are distorted and broken in the gold discovery area which likely reflects structural deformation in the form of folding and/or faulting.

The remaining map area contains weaker magnetic trends. The overall orientation to the contours suggests a north-northwesterly geological strike. Two magnetic linears trending northeast-southwest, one along Trio Creek and the other along an unnamed creek, are interpreted as representing faults as illustrated on Figure 2. A magnetic high located between these faults, approximately 3 kilometres south of the gold discovery area is reportedly associated with mineralization observed in surface samples. This feature is not as strong as the anomalies noted near Doctor's Bay but has an intriguing "u" shape and represents a significant lithological change.

The VLF-EM data is presented in profile form as Figures 3-5. The strongest responses observed occur on the west ends of lines 22 through 14 and are generally attributed to the mountain ridge in the area. Those features which do not directly tie to the terrain are flagged as conductive trends. A number of weaker responses are observed in the gold discovery area, however the power line has introduced a significant amount of local noise. An apparently valid EM anomaly is noted on line 30 immediately west of detail line 1 (DL1). Gold mineralization is reported at this location, however, no similar VLF-EM responses are observed at the other mineralized sites. A number of VLF-EM anomalies are noted in the area as illustrated on the appropriate maps.

The area to the south of the gold discoveries contains only scattered and weak VLF-EM responses. The feature observed near the middle of line 2 is an end effect of the polynomial filtering routine and not representative of a surface conductor.

SUMMARY AND CONCLUSIONS

On September 20, 1983 approximately 230 line kilometers of airborne magnetometer and VLF-electromagnetometer surveying was conducted on behalf of Rhyolite Resources Inc. across their properties on the west shore of Harrison Lake.

The general magnetic trends in the gold discovery area parallels the known geological contacts between diorites and volcanics and gold mineralization observed to date appears to be directly correlated with high magnetic intensities. The magnetic data is interpreted as outlining areas of increased alteration and metasomatism associated with the geological contacts. Therefore this geophysical technigue not only outlines the regional geological structures but appears to focus on areas of increased mineralization.

The gold discoveries lie within a 1 kilometre wide band of increased magnetic intensity which trends roughly west-northwesterly across the claims area. The zone appears to be structurally deformed (possibly by faulting) in the area of observed mineralization.

A large, isolated magnetic high, located approximately 3 kilometres south of the gold discovery area, is flanked on two sides by southwesterly trending faults. A two metre vertical channel sample reportedly near this anomaly assayed high silver and gold values.

The VLF-EM data was not as definitive as the magnetic responses. The area of interest unfortunately lies along power transmission lines which introduced a significant amount of noise in the VLF-EM data.

A number of anomalies were flagged in the gold discovery area, however they are considered to be of questionable reliability.

RECOMMENDATIONS

The basic intent of an airborne geophysical survey is to provide direction for followup ground exploration. The magnetic survey has proven extremely encouraging in that a direct correlation between magnetics and mineralization has been observed. In addition it has shown that the mineralization observed to date lies within a large, mappable belt open at both ends.

A survey grid has already been established in the area. It is recommended that a ground magnetometer survey be conducted across it to confirm and detail the anomalous trends observed from the air. The results of this survey should provide valuable input for the selection of future drilling targets. In addition, reconnaissance magnetometer surveying is recommended to precisely locate those magnetic highs which have not yet been tied to mineralization.

The magnetic anomaly located 3 kilometres south of Doctor's Bay forms a new and separate exploration target. This area should be explored by normal exploration techniques including geological prospecting and geochemical analysis. Based on encouraging initial results an appropriate ground geophysics program may be warranted.

Sulphide mineralization has been reported in the gold discovery area. Consideration should be given to conduct a test induced polarization survey to compliment the magnetic data.

Respectfully submitted,

E Trent Pezzot B.Sc.,
Geophysicist

Glen E. White B.Sc.,P.Eng.
Consulting Geophysicist

INSTRUMENT SPECIFICATIONS

BARRINGER AIRBORNE MAGNETOMETER

MODEL:	Nimbin M-123
TYPE:	Proton Precession
RANGE:	20,000 to 100,000 gammas
ACCURACY:	± 1 gamma at 24 V d.c.
SENSITIVITY:	1 gamma throughout range
CYCLE RATES:	
Continuous	0.6, 0.8, 1.2 and 1.9 seconds
Automatic	2 seconds to 99 minutes in 1 second steps
Manual	Pushbutton single cycling at 1.9 seconds
External	Actuated by a 2.5 to 12 volt pulse longer than 1 millisecond.
OUTPUTS:	
Analogue	0 to 99 gammas or 0 to 990 gammas - automatic stepping
Visual	5 digit numeric display directly in gammas
EXTERNAL OUTPUTS:	
Analogue	2 channels, 0 to 99 gammas or 0 to 990 gammas at 1 m.a. or 1 volt full scale deflection.
Digital	BCD 1, 2, 4, 8 code, TTL compatible.
SIZE:	Instrument set in console 30 cm X 10 cm X 25 cm
WEIGHT:	3.5 Kg
POWER REQUIREMENTS:	12 to 30 volts dc, 60 to 200 milliamps maximum.
DETECTOR:	Noise cancelling torroidal coil installed in airfoil.

INSTRUMENT SPECIFICATIONS

SABRE AIRBORNE VLF SYSTEM

Source of Primary Field:	VLF radio stations in the frequency range of 14KH_z to 30 KH_z.
Type of Measurement:	-Horizontal field strength
Number of Channels:	-Two; Seattle, Washington at 24.8 KH_z -Cutler, Maine at 17.8 KH_z
Type of Sensor:	-Two ferrite antennae arrays, one for each channel, mounted in magnetometer bird.
Output:	-0 - 100 mV displayed on two analogue meters (one for each channel) -recorder output posts mounted on rear of instrument panel
Power Supply:	-Eight alkaline 'AA' cells in main instrument case (life 100 hours) -Two 9- volt alkaline transistor batteries in bird (life 300 hours)
Instrument Console:	-Dimensions -30 cm x 10 cm x 25 cm -Weight - 3.5 Kg.

Instrument Specifications

FLIGHT PATH RECOVERY SYSTEM

i) T.V. Camera:

Model: RCA TC2055 Vidicon
Power Supply: 12 volt dc
Lens: variable, selected on basis of expected terrain clearance
Mounting: Gimbal and shock mounted to housing
- housing bolted to helicopter skid

ii) Video Recorder:

Model: Sony SLO - 340
Power Supply: 12 volt dc / 120 volt AC (60 H_z)
Tape: Betamex ½" video cassette - optional length
Dimensions: 30 cm x 13 cm x 35 cm
Weight: 8.8 Kg
Audio Input: Microphone in - 60 db low impedance microphone
Video Input: 1.0 volt P-P, 75 Ω unbalanced, sync negative from camera

iii) Altimeter:

Model: Bonzer Mk 10 Radar Altimeter
Power Supply: 12 - 25 volts dc
Output: 0 - 25 volt (1 volt / 1000 feet) dc signal split to microprocessor and analogue meter
Mounting: fixed to T.V. camera housing, attached to helicopter skid

Instrument Specifications

DATA RECORDING SYSTEM

i) Chart Recorder

Type: Esterline Angus Miniservo III Bench AC Ammeter - Voltmeter Power Recorder
Model: MS 413 B
Specification: S-22719, 3-pen servo recorder
Amplifiers: Three independent isolated DC amplifiers (1 per channel) providing range of acceptable input signals
Chart: 10 cm calibrated width 2-fold chart
Chart Drive: Multispeed stepper motor chart drive, Type D850, with speeds of 2, 5, 10, 15, 30 and 60 cm/hr. and cm/min.
Controls: Separate front mounted slide switches for power on-off, chart drive on-off, chart speed cm/hr - cm/min. Six position chart speed selector. Individual front zero controls for each channel.
Power Requirements: 115/230 volts AC at 50/60 H_z (Approximately 30 VA)
Writing System: Disposable fibre tipped ink cartridge (variable colors)
Dimensions: 38.6 cm x 16.5 cm x 43.2 cm
Weight: 9.3 Kg.

ii) Digital Video Recording System

Type: L.M. Microcontrols Ltd. Microprocessor Control Data Acquisition System
Model: DADG - 68
Power Requirements: 10 - 14 volts dc, Maximum 2 amps
Input Signal: 3, 0 - 100 mvolt d c signals
1, 0 - 25 volt d c signal
Microprocessor: Motorola MC-6800
CRT Controller: Motorola MC-6845
Character Generator: Motorola MCM-6670
Analogue/Digital Convertor: Intersil 7109
Multiplexer: Intersil IH 6208
Digital Clock: National MM 5318 chip
9 volt internal rechargeable nickle-cadmium battery
Fiducial Generator: internally variable time set controls relay contact and audio output
Dimensions: 30 cm x 30 cm x 13 cm
Weight: 3 Kg

DATA RECORDING SYSTEM (CON'T)

iii) Digital Magnetic Tape

Type: Hewlett Packard cartridge tape unit
Model: 9875A
Power Requirements: 24 volt d.c.
Data Format: HP's Standard Interchange Format (SIF)
Tape Cartridge: HP 98200A 225K byte cartridge compatible with HP Series 9800 desktop computers.
Tape Drive: Dual tape drives providing up to 8 hours continual recording time.
Controller: Internal micro-computer provides 23 built in commands.
: External computer generated commands.

COST BREAKDOWN

Survey Date: September 20, 1983

Survey Crew: E.Trent Pezzot, Geophysicist, operator
M. McDermott, Navigator

Office: Sept.21, 1983 - Oct. 7, 1983

Office Staff: M. McDermott, flight path recovery
E.T.Pezzot, computer processing, interpretation report,
G.E.White, consulting geophysicist, report

This survey was conducted on a participation basis with two other companies. The Rhyolite Resources Inc. portion of the survey was completed for a fee $7,900.00 which includes an overall proportion of helicopter charges, data processing and report writing.

STATEMENT OF QUALIFICATIONS

NAME:	PEZZOT, E. Trent
PROFESSION:	Geophysicist - Geologist
EDUCATION:	University of British Columbia - B.Sc. - Honors Geophysics and Geology
PROFESSIONAL ASSOCIATIONS:	Society of Exploration Geophysicist
EXPERIENCE:	Three years undergraduate work in geology - Geological Survey of Canada, consultants.
	Three years Petroleum Geophysicist, Senior Grade, Amoco Canada Petroleum Co. Ltd.
	Two years consulting geophysicist, Consulting geologist - B.C., Alberta, Saskatchewan, N.W.T., Yukon, western U.S.A.
	Three years geophysicist with Glen E. White Geophysical Consulting & Services Ltd.

STATEMENT OF QUALIFICATIONS

NAME: WHITE, Glen E., P. Eng.

PROFESSION: Geophysicist

EDUCATION: B.Sc. Geophysicist - Geology
University of British Columbia.

PROFESSIONAL ASSOCIATIONS: Registered Professional Engineer, Province of British Columbia.

Associate member of Society of Exploration Geophysicists.

Past President of B.C. Society of Mining Geophysicists.

EXPERIENCE: Pre-Graduate experience in Geology - Geochemistry - Geophysics with Anaconda American Brass.

Two years Mining Geophysicist with Sulmac Exploration Ltd. and Airborne Geophysics with Spartan Air Services Ltd.

One year Mining Geophysicist and Technical Sales Manager in the Pacific north-west for W.P. McGill and Associates.

Two years Mining Geophysicist and supervisor Airborne and Ground Geophysical Divisions with Geo-X Surveys Ltd.

Two years Chief Geophysicist Tri-Con Exploration Surveys Ltd.

Eleven years Consulting Geophysicist.

Active experience in all Geologic provinces of Canada.

APPENDIX D

Geophysical Report on a Multipole Induced Polarization and Proton Precession Magnetometer Survey

RHYOLITE RESOURCES INC.

GEOPHYSICAL REPORT ON A MULTIPOLE INDUCED POLARIZATION AND PROTON PRECESSION MAGNETOMETER SURVEY

Harrison Lake Area, New Westminster M.D.

Lat.49°39'N, Long.121°59'W, NTS 92G/9E & 92H/12W

Authors: Cliff Candy B.Sc.,Geophysicist
Glen E. White B.Sc., P.Eng.
Consulting Geophysicist

Date of Work: Oct. 17-Nov.9, 1983

Date of Report: January 7, 1984

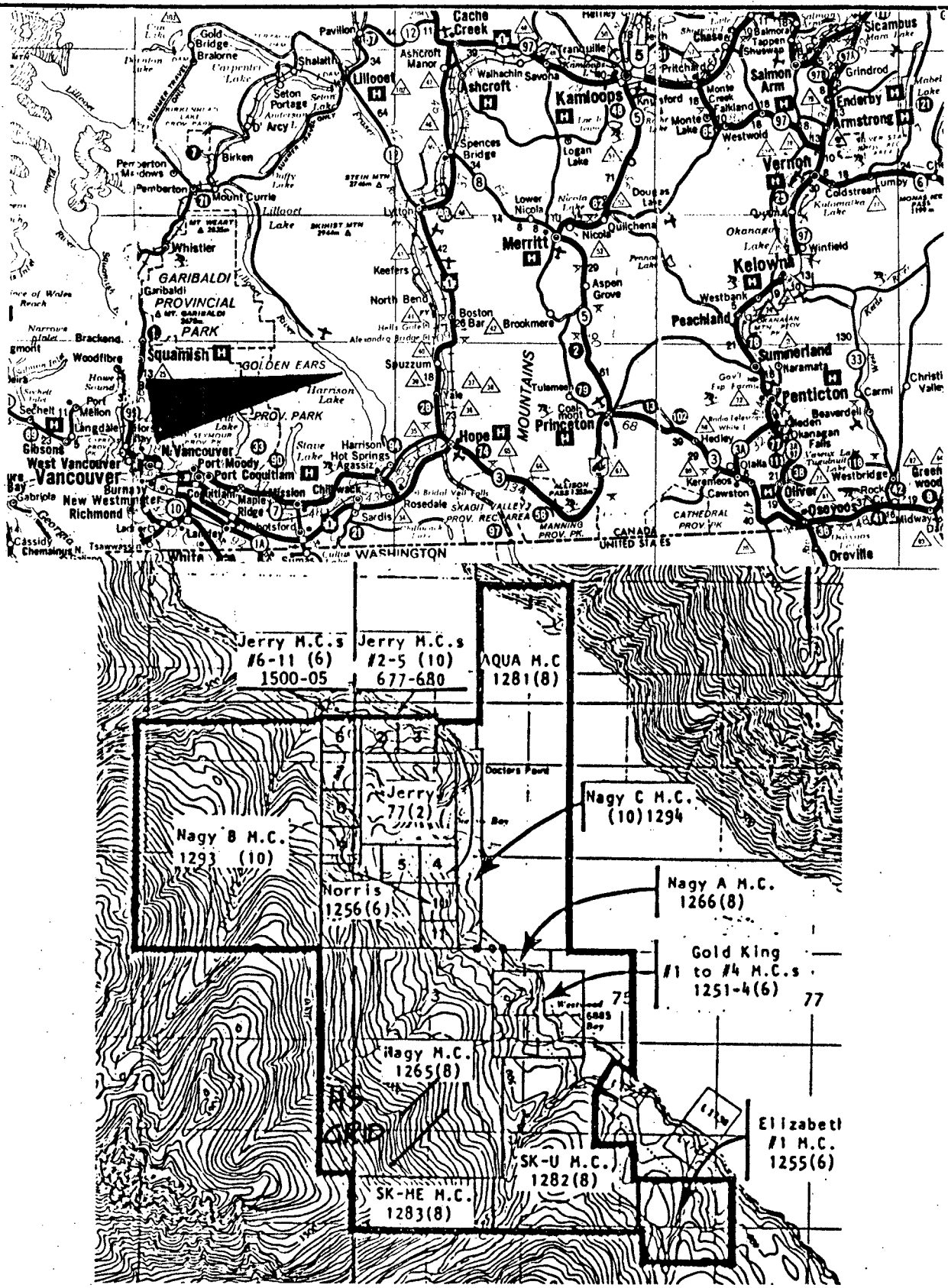
TABLE OF CONTENTS

ILLUSTRATIONS

INTRODUCTION

Glen E. White Geophysical Consulting and Services Ltd. conducted a program of induced polarization and ground proton precession magnetometer surveying on the Rhyolite Resources Inc. Harrison Lake property. The induced polarization survey was centred on the area containing significant gold and silver mineralization in order to determine whether the procedure could outline areas for continued exploration.

The ground magnetics survey was undertaken as a followup to an airborne magnetics and VLF-electromagnetics survey flown in September, 1983. It was the intention of this survey to further define the magnetics anomalies which were observed to correlate with favourable mineralization. Two lines were surveyed utilizing the multipole induced polarization method over an airborne magnetics anomaly in the southern area of the property.



RHYOLITE RESOURCES LTD.
— HARRISON LAKE PROPERTY —
LOCATION AND CLAIMS MAP

Western Geophysical Aero Data Ltd.

FIG. 1

PROPERTY

The properties owned or optioned by Rhyolite Resources Inc. are listed below and illustrated on Figure 1.

No.	Claim Name	Rec. No.	Units	Loc.Date	Rec.Date
1.	Jerry	77	4	Nov.28/75	Dec.15/75
2.	Jerry 2	677	1	Oct.29/79	Oct.31/79
3.	Jerry 3	678	1	Oct.29/79	Oct.31/79
4.	Jerry 4	679	1	Oct.29/79	Oct.31/79
5.	Jerry 5	680	1	Oct.29/79	Oct.31/79
6.	Jerry 6	1500	1	Jun.24/82	Jun.30/82
7.	Jerry 7	1501	1	Jun.24/82	Jun.30/82
8.	Jerry 8	1502	1	Jun.24/82	Jun.30/82
9.	Jerry 9	1503	1	Jun.24/82	Jun.30/82
10.	Jerry 10	1504	1	Jun.24/82	Jun.30/82
11.	Jerry 11	1505	1	Jun.24/82	Jun.30/82
12.	Gold King #1	1251	1	Jun.24/81	Jun.29/81
13.	Gold King #2	1252	1	Jun.24/81	Jun.29/81
14.	Gold King #3	1253	1	Jun.24/81	Jun.29/81
15.	Gold King #4	1254	1	Jun.24/81	Jun.29/81
16.	Elizabeth #1	1255	4	Jun.10/81	Jun.24/81
17.	Norris #1	1256	4	Jun. 5/81	Jun.24/81
18.	Nagy	1265	20	Aug. 6/81	Aug.21/81
19.	Nagy A	1266	1	Aug. 6/81	Aug.21/81
20.	Aqua	1281	16	Aug.12/81	Aug.14/81
21.	SK-U	1282	18	Aug.11/81	Aug.14/81
22.	SK-ME	1283	18	Aug.11/81	Aug.14/81
23.	Nagy B	1293	20	Sep. 5/81	Oct. 2/81
24.	Nagy C	1294	20	Sep. 6/81	Oct. 2/81

LOCATION AND ACCESS

The claims are located along the west shore of Harrison Lake, approximately 160 kilometres from Vancouver. They lie within the New Westminster Mining Division and NTS. 92G/9E and 92H/12W. Approximate geographical co-ordinates are latitude 49°39'N and longitude 121°59'W.

Access to the property is via a forestry road which follows the west shore of Harrison Lake. This road begins at the Woods Creek Salmon Enhancement Spawning beds which are located some 12 kilometres from highway #7 at the Sasquatch Inn, some 90 kilometres east of Vancouver.

GENERAL GEOLOGY

The regional geologic setting is described by J.S. Vincent:

"The west side of Harrison Lake is underlain by the Harrison Lake Formation and Fire Lake Group of rocks which consists predominantly of a volcanic and volcanoclastic stratigraphic sequence. The Fire Lake Group is exposed in the north half of the area while the Harrison Lake section occupies the southern portion. The most recent compilation (GSC Map 1386A) places the Harrison Lake Formation in the Middle Jurassic and the Fire Lake Group in the Lower Cretaceous. Midway up the lake, outliers or segments of the Broken Back Hill Formation and the Billhook Creek Group occur on Long Island and the west side of the lake. The former lies stratigraphically above the Fire Lake Group, and the latter between the Harrison Lake and Fire Lake rocks. They appear to be predominantly sedimentary, but have a pyroclastic content. In GSC Memoir 335, Dr. J.A. Roddick regards these areas as comprising roof pendants of varying size within the intrusive Coast Range plutonic complex.

The Chehalis Pendant includes the extensive area of Harrison Lake Formation along the west side of the Lake. The characteristic rocks are described as a thick sequence of metamorphosed porphyritic andesite and dacite. Since this work was completed in 1955, logging and mining exploration activity has opened up the area with the result that the stratigraphy has taken on considerable economic significance. Base and precious metal mineralization has been discovered in association with particular structural and stratigraphic features which suggest a volcanogenic relationship.

The Fire Lake Group also occupies a roof pendant. In the Fire Lake area, northwest of Harrison Lake, three stratigraphic units have been mapped (Memoir 335, P.42):

1. An upper unit of clastic feldspathic greenstones, chlorite schist and minor conglomerate has a thickness of 7000 feet.
2. A middle unit of dark slates, shales, argillite, and greywacke is approximately 6000 feet thick.
3. A basal section consisting of granulites, andesite, conglomerate, limestones and quartzite is approximately 2000 feet thick.

From the description provided by Dr. Roddick, it is apparent that the stratigraphic section represents well mixed volcanic and sedimentary activity during this period of geologic time.

In the vicinity of Bremner Creek, the upper unit of the Fire Lake section is exposed on the northern limb of a westward plunging anticline which exposes the Harrison Lake rocks in the core. The Fire Lake rocks consist of volcanic breccias, volcanoclastics and interbedded flows of andesite and rhyolite.

Intrusive rocks in the area belong to the Coast Plutonic Complex which represents a variety of phases and compositions. Outcrops along the west side of Harrison Lake expose a medium grey hornblende granodiorite which is regarded as Middle Eocene in age."

PREVIOUS WORK

The Harrison Lake property was purchased from Nagyville Mining Limited by Rhyolite Resources Inc. in July, 1981. Previous to this time work conducted on the property consisted of two open cuts made by the vendor and associated assaying. Since purchasing the properties, Rhyolite Resources Inc. has conducted an extensive program of diamond drilling, soil sampling and geological prospecting to evaluate the area for gold, silver and sulphide mineralization.

In September of 1983, an airborne magnetometer and VLF-electromagnetometer survey was flown which established a correlation between magnetics highs and favourable mineralization.

MULTIPOLE INDUCED POLARIZATION SURVEY

The equipment used on this survey was the Huntec Mark IV transmitter and Mark III receiver. Power was obtained from a Briggs and Stratton motor coupled to a 2.5 KW 400 cycle, three phase generator, providing a maximum of 2.5 KW D.C. to the ground. The cycle time is 2.0 seconds "current on" and 2.0 seconds "current off", with the pulse alternately reversing in polarity. Power was transmitted to the ground through two potential electrodes, C_1 and C_2, which were deployed in an expanding array pattern designed to provide a range of depths of search.

The induced polarization parametres are measured at potential electrodes, P_1 and P_2, situated at a range of positions both between the C_1 and C_2 electrodes, (gradient array) and outside the C_1, C_2 electrodes

(double dipole array), through a 52 conductor cable with takeouts at 25 metre intervals. This cable allows rapid access to a large number of P_1,P_2 dipoles from a given receiver position and for a given C_1,C_2 position. The cable is segmented into 150 metre lengths for deployment.

The apparent resistivity is obtained from the ratio of the primary voltage measured between P_1 and P_2 during the current on part of the cycle to the current flowing through electrodes C_1 and C_2. A geometric factor is computed from the C_1,C_2, P_1 and P_2 locations to arrive at the apparent resistivity, measured in ohm-metres.

The apparent chargeability (M') in milliseconds, is calculated by T_p $(M_1 + 2M_2 + 4M_3 + 8M_4) = M'$, where T_P is the basic integrating time in tenths of seconds. M_1, M_2, M_3 and M_4 are the chargeability effects at various times on the voltage decay curve following switch off of the transmitter, measured as a percentage of the primary voltage, V_p recorded during the "current on" time. By the use of these factors, one can gain an estimate of the decay curve in terms of chargeability for the given time T_p.

Field data logging, reduction and plotting is accomplished with a HP-85 computer.

PROTON PRECESSION MAGNETOMETER SURVEY

The magnetometer survey was carried out utilizing two GSM-8 proton precession magnetometers. One of these was operated in conjunction with a CMG MR-10 base magnetometer recorder to allow diurnal and micro-pulsation variation removal. Operator precautions of demagnetization and consistancy were observed and field clock to base magnetometer timing skew was maintained within one second per day. Corrected, unfiltered data are plotted on each of the base maps.

DISCUSSION OF RESULTS

Induced Polarization Survey

The induced polarization responses are illustrated in profile on Figures 5-23. The chargeability response, which shows the behaviour of the trends, is illustrated in plan on Figure 2. The local geology is superimposed on this map to allow correlation with these trends.

The plan representation on Figure 2 provides a good overview of the response character and configuration. A number of irregular trends are observed in the area of present diamond drilling and extending away to the north and south. The responses generally occur within the altered volcanics, very often on the perifery of the diorite and quartz diorite intrusives. The chargeability

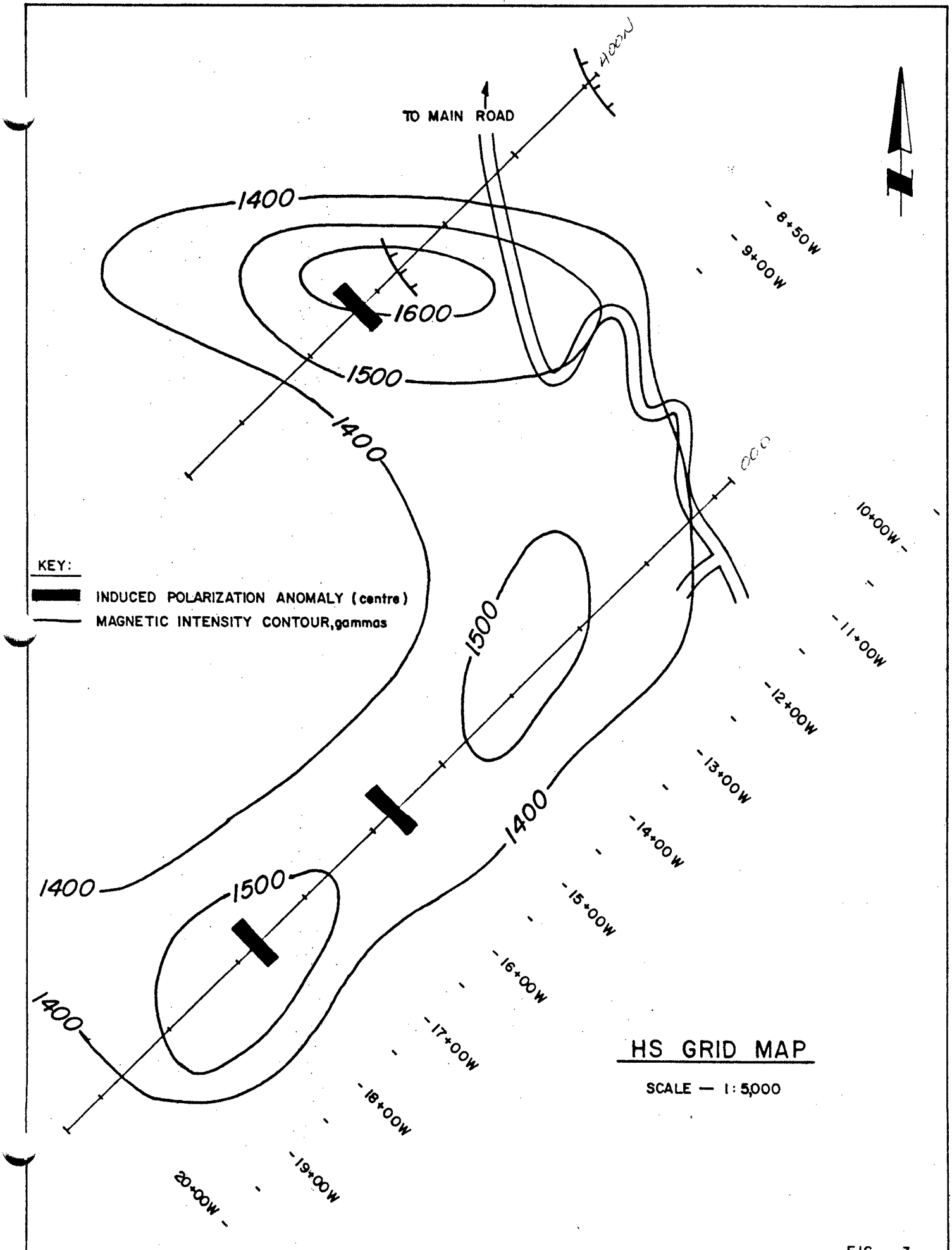
background is very much reduced within these diorite intrusives. This is exemplified by the low values observed to the west of 400E on lines 550S and 650S, to the east of 1600E on line 2000N and to some extent in the low centred on 1100E of line 2000N. As well, these are correlated with apparent resistivity highs.

The relatively complex pattern of responses group roughly into three main features. The most westerly feature possesses a pronounced high of 50 milliseconds, correlated with an apparent resistivity low at 550E on line 550S (Figures 2,5,6). This anomaly is open to the north and divides into two trends to the south which follow the edge of the diorite intrusive, with the easterly trend the stronger of the two. The more westerly element forms a broad high between the diorite intrusive contacts near 500E on line 750S. This zone appears to continue to the south as high values is observed near 1075E on line 1900S. Both these trends appear to be well correlated with occurrences of favourable mineralization.

The second of these features is the arcuate trend running from 800E on line 750S through a local maximum near 1300E on line 1900N, and through 1250E on line 1800N. An example of this anomaly in profile is illustrated on Figures 14 and 15. As above, a resistivity low is correlated with the chargeability high. This anomaly is also well correlated with favourable mineralization and remains open to the north and south. A general increase in the magnetic response in this area suggests that a component of the polarizable mineralization in this zone is also magnetic.

Coverage of line 2000N detected a chargeable source between 1500E and 1550E, on the point south of Doctor's Bay. Apparent in the profile, Figure 11, is the magnetics correlation which implies that the source may have a considerable magnetic mineral content. This response occurs near an andesite unit.

Two lines were run over a 'u' shaped magnetics high in the southern area of the grid. The location of lines is illustrated on Figure 3 and the data is displayed on Figures 18-23. A chargeability high was found to be correlated with this magnetics feature. On line 400N the centre of the anomaly occurs at approximately 1220W. On line 00N two centres are apparent; the most westerly at 1780W and the easterly at 1580W. Of these responses only the one at 1580W on line 00N is correlated with an apparent resistivity low.



HS GRID MAP

SCALE — 1:5,000

FIG. 3

Proton Precession Magnetometer Survey

The proton precession magnetometer survey was run at 15 metre intervals in order to capture high spatial frequency information. The survey results are illustrated in contour map form on Figure 4.

Comparison of the general geology of Figure 2 with Figure 4 shows good correlation in a number of areas. The quartz diorite/diorite intrusive rocks in the northern area of the grid provide a good magnetic susceptibility contrast to the altered volcanics, allowing the contact to be readily discerned. This contrast does not exist between the intrusive in the centre of the north grid and the altered volcanics. In fact, the core of this intrusive appears as a magnetics low suggesting that it is of a composition possessing little magnetic mineral, very different from the intrusives to the north.

A strong magnetics high centred on 200W on line 400S occurs within the indicated altered volcanics and may be an unmapped occurrence of the more magnetic phase of the diorite/quartz diorite intrusive rocks. Alternately the high may represent an increase in magnetic sulphides within the altered volcanics and thus may be of exploration interest.

Correlation of the magnetics, induced polarization anomalies and Au, Ag occurrences suggests that moderate magnetics highs near the edges of the intrusive rocks should provide the best exploration targets.

CONCLUSIONS AND RECOMMENDATIONS

Glen E. White Geophysical Consulting and Services Ltd. conducted a program of multipole induced polarization and proton precession magnetometer surveying on the Harrison Lake Project on behalf of Rhyolite Resources Inc. The induced polarization survey was targeted primarily on the areas of known mineralization and provided valuable information as to the extent and configuration of the chargeable minerals occurring in these regions. The two lines on the H.S.Grid in the southern area of the property detected chargeability highs associated with the airborne magnetics anomaly. The proton precession magnetometer survey indicated that moderate magnetics highs are well correlated with the chargeability anomalies and favourable mineralization in several areas.

In light of the utility of the induced polarization and magnetometer surveys it is recommended that additional survey coverage be obtained with these techniques. The detected induced polarization anomalies remain open to the north and south at the present time.

On the basis of present coverage a number of areas of exploration interest are evident apart from the chargeability and magnetics highs that have been extensively diamond drill tested. The chargeability high at 555E on line 550S would warrant diamond drill testing. The larger area coverage of the magnetometer survey suggests a number of exploration targets. The linear high that is mapped to occur within the altered volcanics between 75E on line 150N and 250E on line 00N would warrant diamond drill testing. Two other similar features that should be tested include the high between 470E on line 100S and

530E on line 200S and the high at 610E on lines 250S and 300S. Closer to the area of present drilling, the isolated high at 390E on 750S might be investigated.

It is recommended that detailed geologic mapping and induced polarization surveying be undertaken, in so far as is possible, in two other target areas. If these investigations were centred on the area of complex magnetics responses on the edge of the diorite/quartz diorite intrusives near 100W on line 300N a clear exploration target could be developed. This area contains a number of mineralized showings. The second area would concern the broad magnetics high centred on 200W on line 400S. This feature might represent an additional occurrence of the more magnetic phase of the intrusive or may be an area of the altered volcanics which is of exploration interest. This zone could be further defined with the induced polarization technique.

Respectfully submitted,

Cliff Candy, B.Sc., Geophysicist

PROFESSIONAL ENGINEER

Glen E. White, B.Sc., P.Eng
Consulting Geophysicist

INSTRUMENT SPECIFICATIONS

INDUCED POLARIZATION SYSTEM

A. Instruments

(a) Type - pulse

(b) Make - Huntec

(c) Serial No. - transmitter #107 - receiver #3016

B. Specifications

(a) Size and Power - 2.5 KW

(b) Sensitivity - 300 x 10.5 volts

(c) Power Sources - 2.5 KW 400 cycle - three-phase generator

(d) Power - 8 H.P. Briggs and Stratton @ 3000 R.P.M.

(e) Timing - electronic, remote and direct.

(f) Readings - (i) ampls (ii) volts primary and secondary

(g) Calculate (i) Resistivity - ohm-meters (ohm-feet)

(ii) Chargeability - milliseconds

C. Survey Procedures

(a) Method - power supplied to mobile probe along TW 18 stranded wire from stationary set-up

(b) Configuration - Pole-dipole (three electrode array) Plot point midway between C_1 and P_1

D. Presentation

Contour Maps (i) Chargeability - milliseconds

(ii) Resistivity - ohm-meters (ohm-feet)

GSM-8 PROTON PRECESSION MAGNETOMETER

SPECIFICATIONS

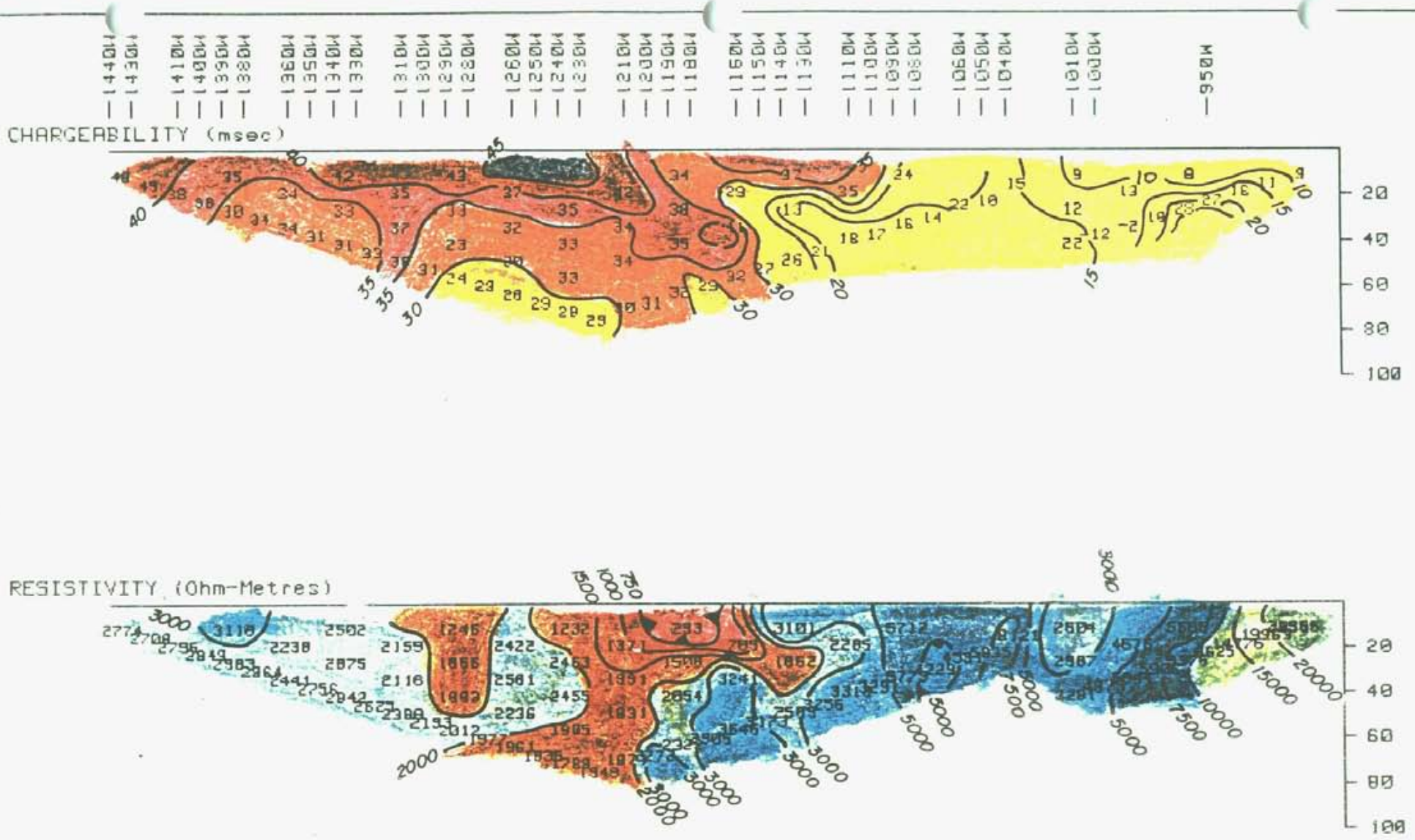
RESOLUTION:	1 gamma
ACCURACY:	±1 gamma over operating range
RANGE:	20,000-100,000 gamma in 23 overlapping steps
GRADIENT TOLERANCE:	Up to 5000 gamma/metre
OPERATING MODES:	MANUAL PUSHBUTTON, new reading every 1.85 sec., display active between readings
	CYCLING, pushbutton initiated, 1.85 sec. period
	SELFTEST, pushbutton controlled, 7 sec. period
OUTPUT:	VISUAL: 5 digit 1 cm (0.4") high Liquid Crystal Display, visible in any ambient light
	DIGITAL: Multiplied precession frequency and gating pulse
	ANALOG: Optional 0-99 or 0-999 gamma
EXTERNAL TRIGGER:	Permits externally triggered operation with periods longer than 1.85 sec. (optional minimum period 0.9 sec.)
POWER REQUIREMENTS:	12V 0.7A peak, 5mA standby
POWER SOURCE:	INTERNAL: 12V 0.75Ah NiCd rechargeable battery 3,000 readings per full charge
	EXTERNAL: 12-32V
BATTERY CHARGER:	Input: 110/220V 50/60Hz; output: 14V 75mA DC
OPERATING TEMPATURE:	-35 to +55C
DIMENSIONS:	CONSOLE: 15x8x15cm (6x3¼x6")
	SENSOR: 14x7cm dia (5½x3" dia)
	STAFF: 175cm (70") extended, 53cm (21") collapsed
WEIGHT:	2.7kg (6 lb) per standard complete with batteries

STATEMENT OF QUALIFICATIONS

Name:	CANDY, Clifford, E.
Profession:	Geophysicist
Education:	B.Sc., Geophysics University of British Columbia
Professional Associations:	Society of Exploration Geophysicists British Columbia Geophysical Society
Experience:	Six years Geophysicist with Glen E. White Geophysical Consulting and Services Ltd., with work in B.C., Yukon, Quebec, Saskatchewan, southwestern U.S.A. and Ireland.

STATEMENT OF QUALIFICATIONS

NAME:	White, Glen E., P.Eng.
PROFESSION:	Geophysicist
EDUCATION:	B.Sc. Geophysicist- Geology University of British Columbia
PROFESSIONAL ASSOCIATIONS:	Registered Professional Engineer, Province of British Columbia
	Associate member of Society of Exploration Geophysicists.
	Past President of B.C. Society of Mining Geophysicists.
EXPERIENCE:	Pre-Graduate experience in Geology - Geochemistry - Geophysics with Anaconda American Brass.
	Two years Mining Geophysicist with Sulmac Exploration Ltd. and Airborne Geophysics with Spartan Air Services Ltd.
	One year Mining Geophysicist and Technical Sales Manager in the Pacific north-west for W.P. McGill and Associates.
	Two years Mining Geophysicist and supervisor Airborne and Ground Geophysical Divisions with Geo-X Surveys Ltd.
	Two years Chief Geophysicist Tri-Con Exploration Surveys Ltd.
	Twelve years Consulting Geophysicist.
	Active experience in all Geologic Provinces of Canada.



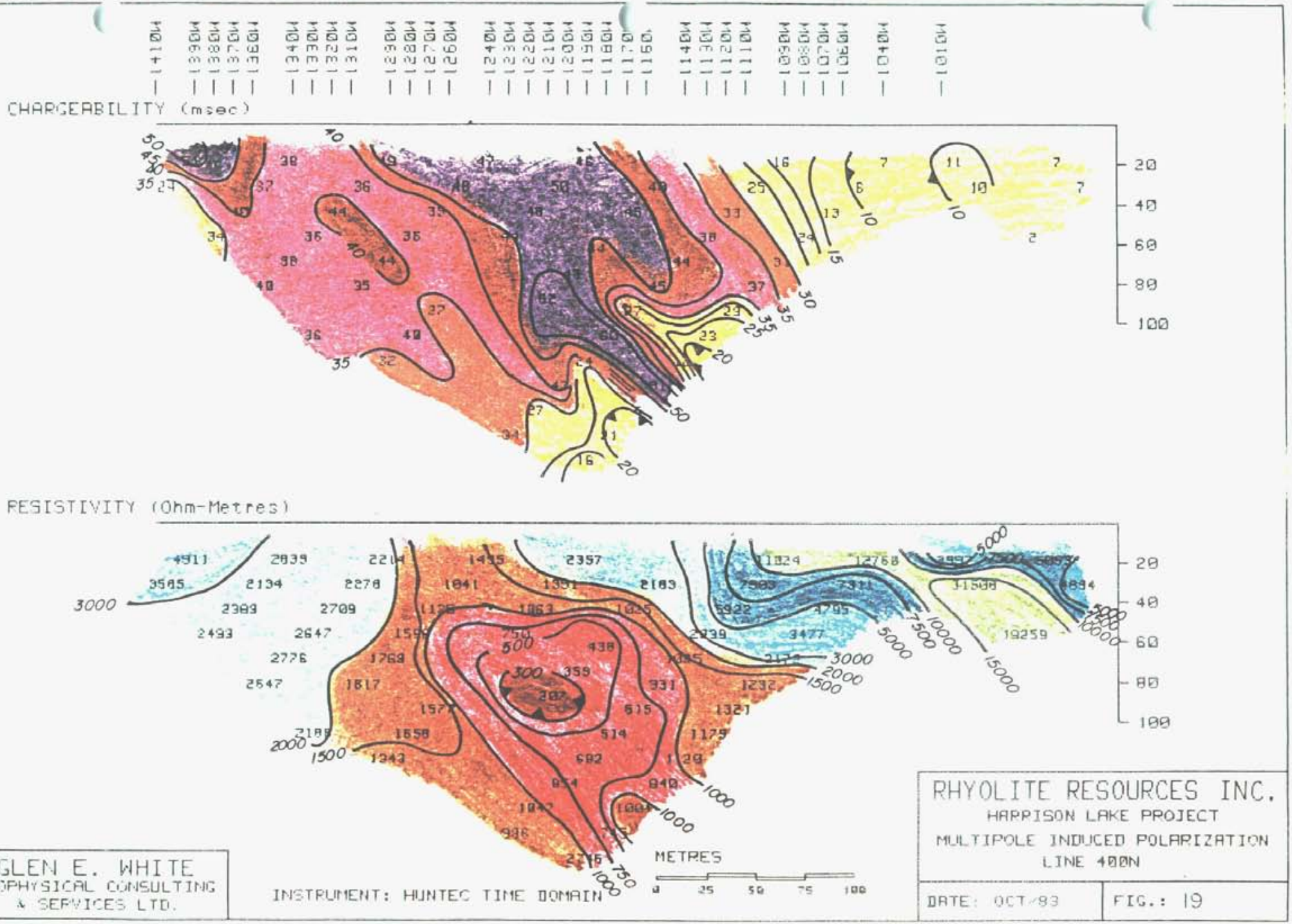
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

INSTRUMENT: HUNTEC TIME DOMAIN

METRES
0 25 50 75 100

RHYOLITE RESOURCES INC.
HARRISON LAKE PROJECT
MULTIPOLE INDUCED POLARIZATION
LINE 400N

DATE: OCT/83 | FIG.: 18

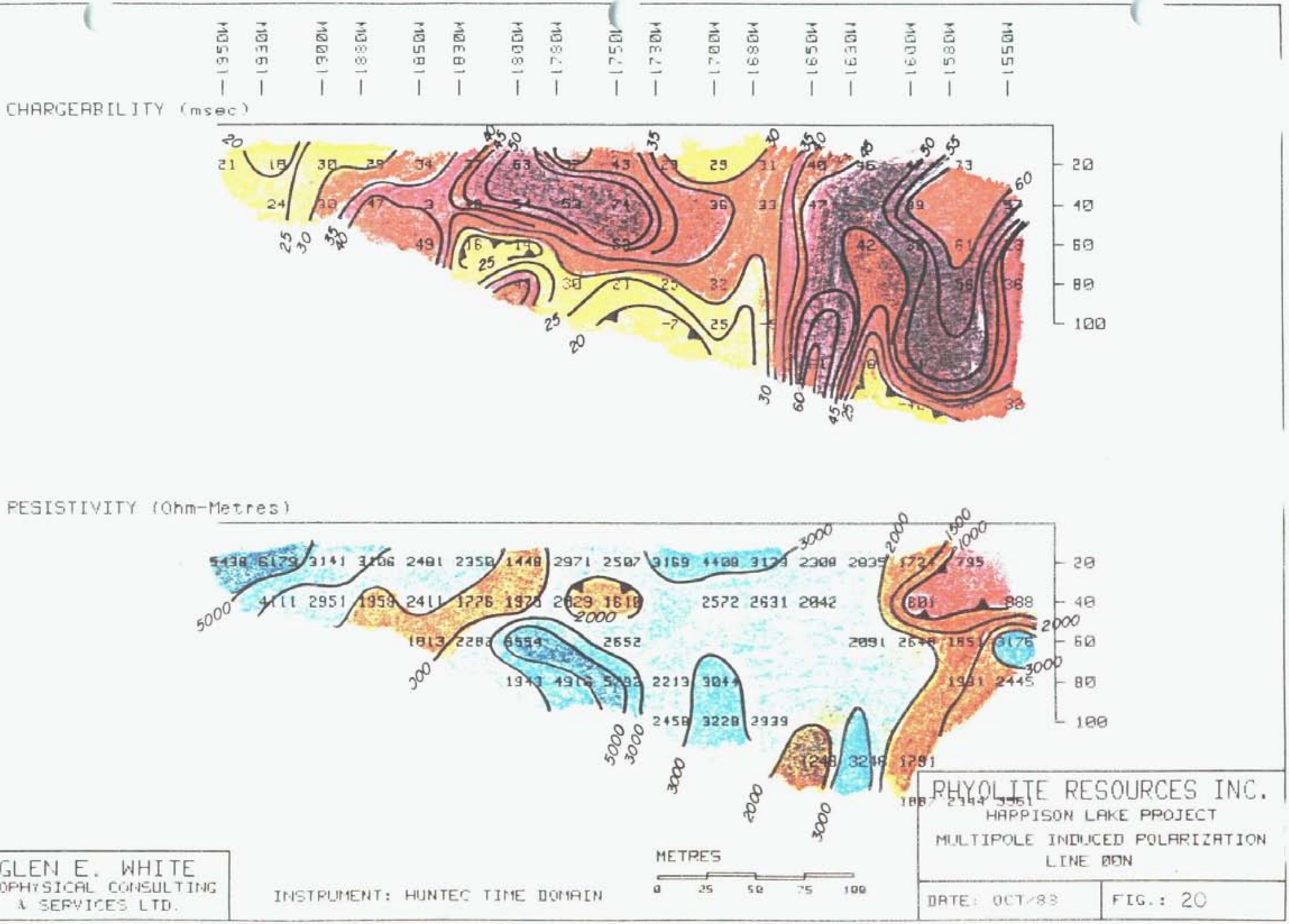


GLEN E. WHITE
GEOPHYSICAL CONSULTING & SERVICES LTD.

INSTRUMENT: HUNTEC TIME DOMAIN

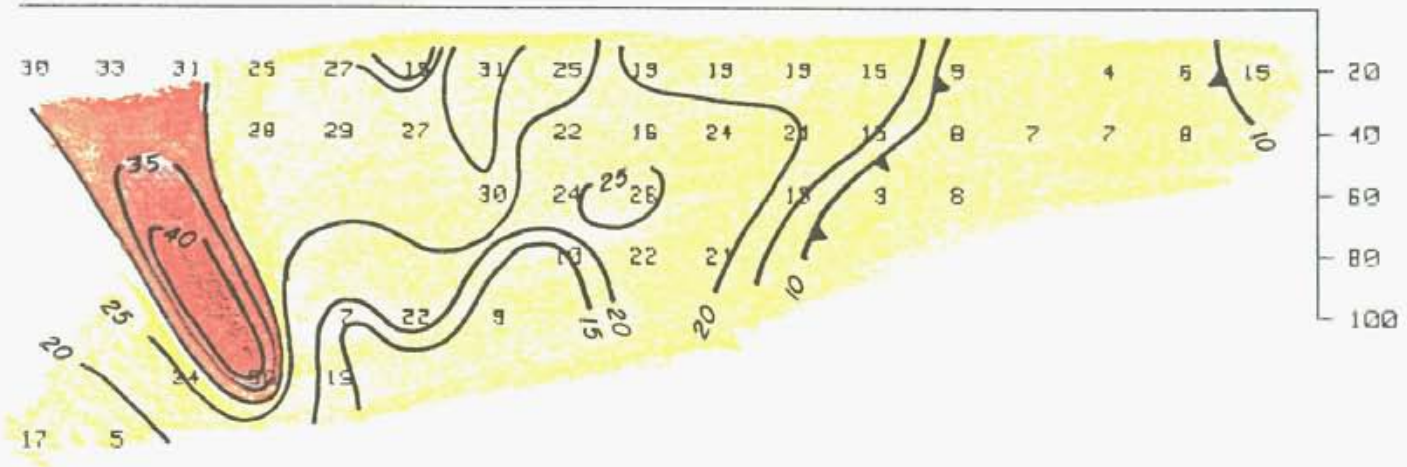
RHYOLITE RESOURCES INC.
HARRISON LAKE PROJECT
MULTIPOLE INDUCED POLARIZATION
LINE 400N

DATE: OCT/83 | FIG.: 19

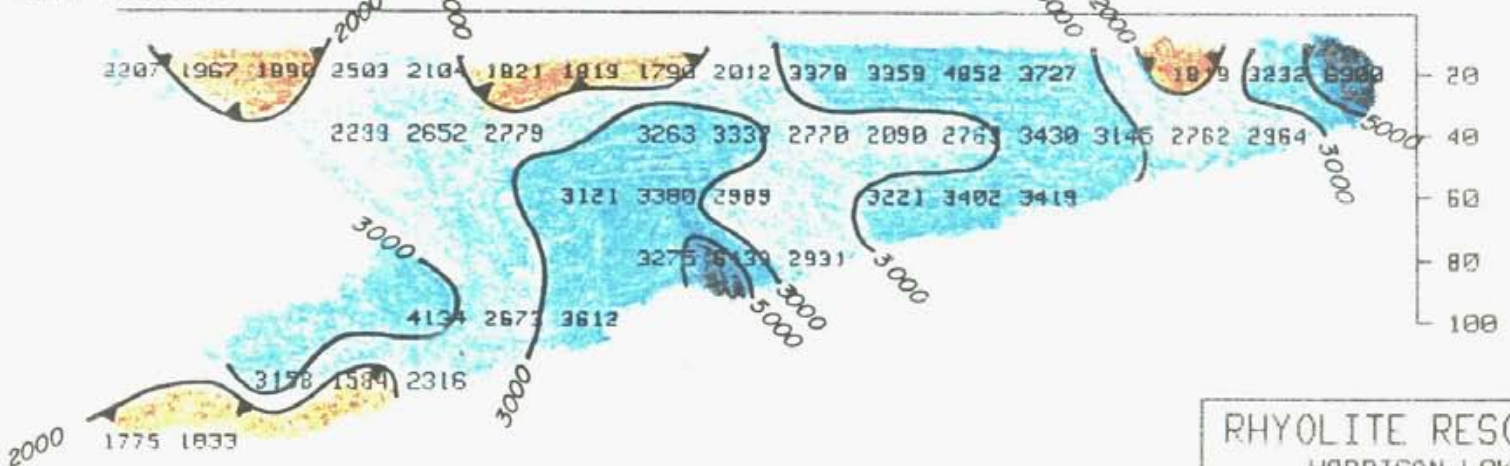

1950W
1930W
1900W
1880W
1850W
1830W
1800W
1780W
1750W
1730W
1700W
1680W
1650W
1630W
1600W
1580W
1550W
CHARGEABILITY (msec)
20
40
60
80
100
RESISTIVITY (Ohm-Metres)
METRES
0 25 50 75 100
GLEN E. WHITE
GEOPHYSICAL CONSULTING & SERVICES LTD.
INSTRUMENT: HUNTEC TIME DOMAIN
RHYOLITE RESOURCES INC.
HAPPISON LAKE PROJECT
MULTIPOLE INDUCED POLARIZATION
LINE 00N
DATE: OCT/83
FIG.: 20

1530N 1500N 1480N 1450N 1430N 1400N 1380N 1350N 1330N 1300N 1280N 1250N 1230N 1200N 1180N 1150N 1130N

CHARGEABILITY (msec)



RESISTIVITY (Ohm-Metres)



METRES

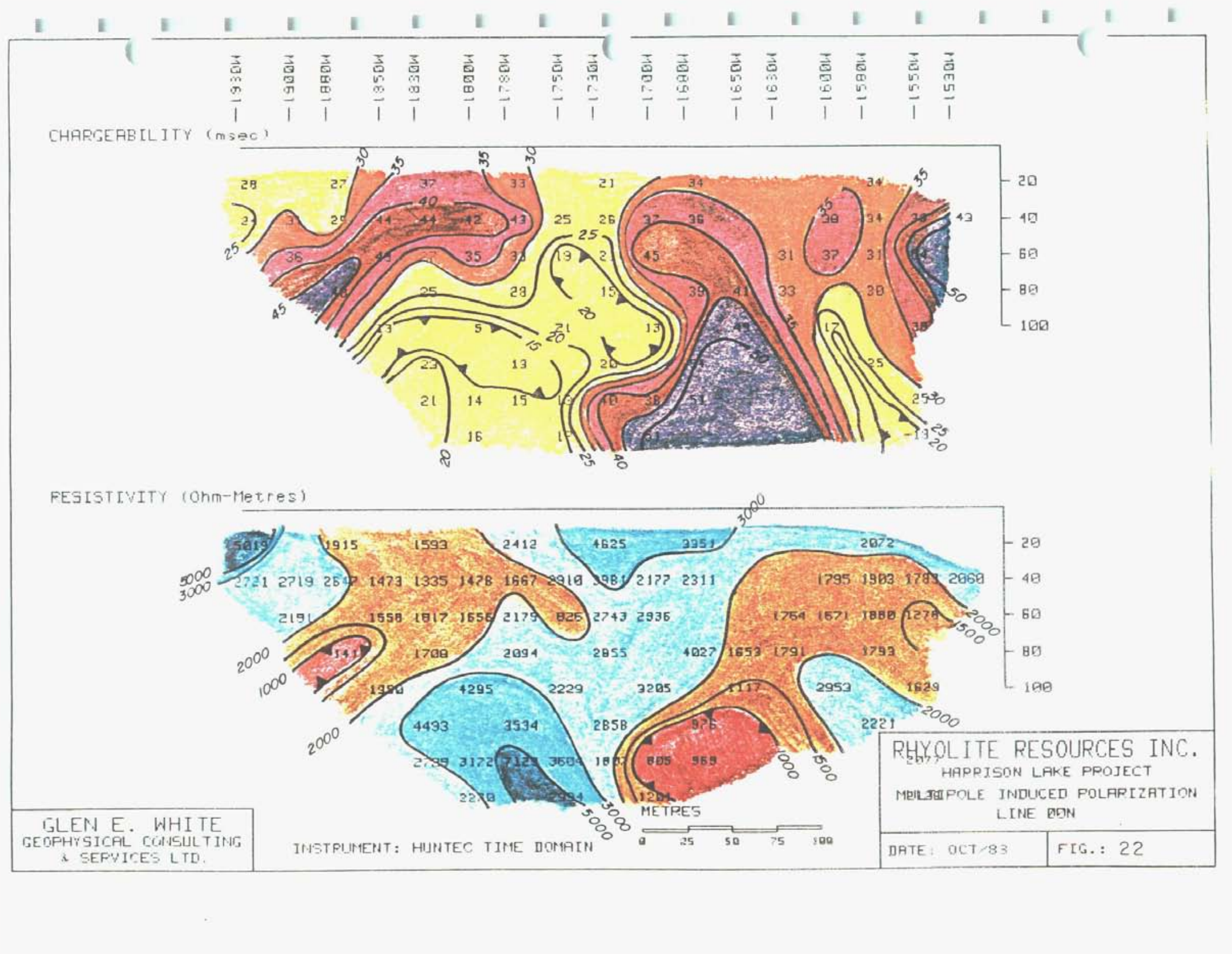
0 25 50 75 100

INSTRUMENT: HUNTEC TIME DOMAIN

GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

RHYOLITE RESOURCES INC.
HARRISON LAKE PROJECT
MULTIPOLE INDUCED POLARIZATION
LINE 00N

DATE: OCT/83 | FIG.: 21



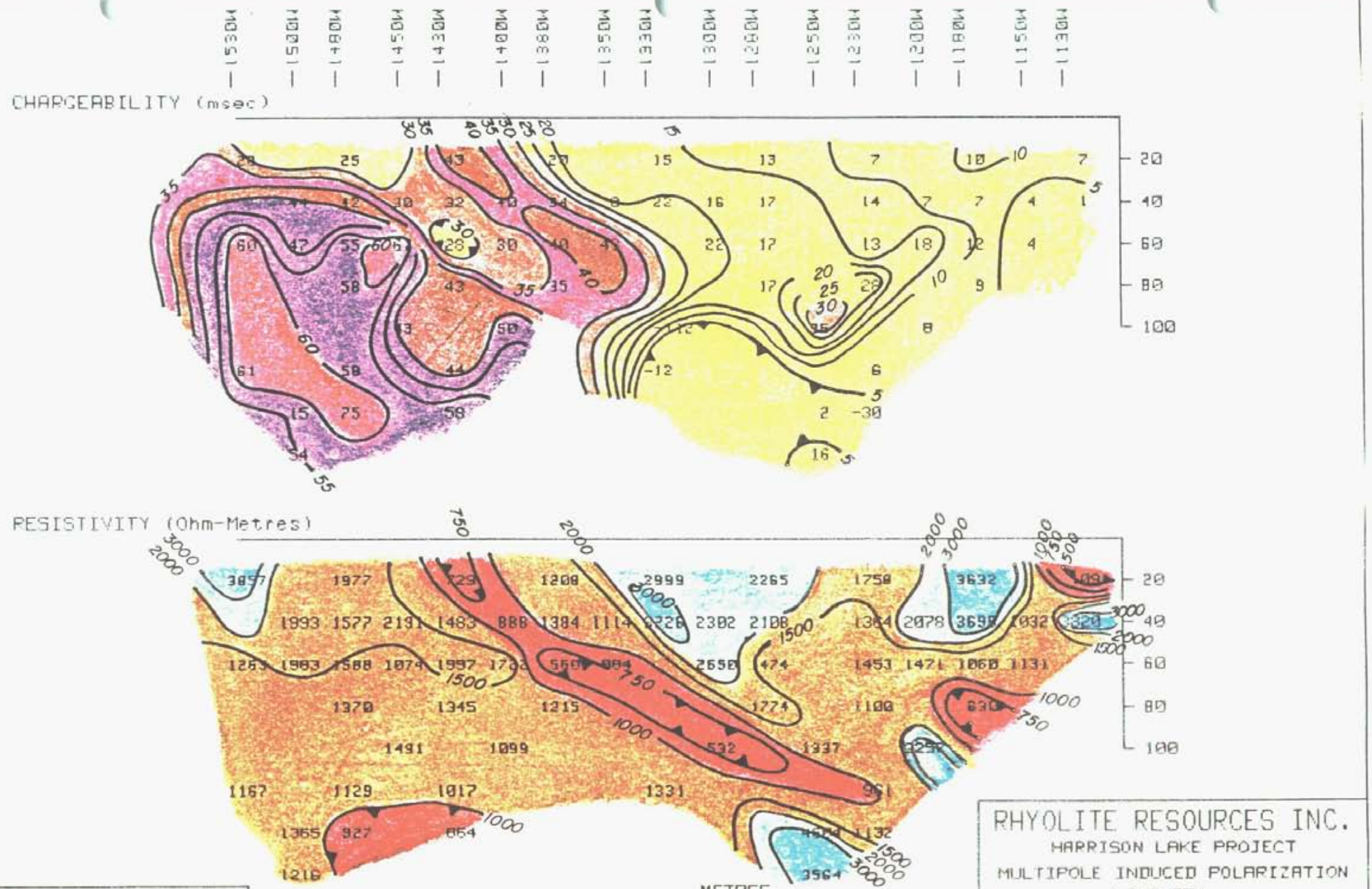
GLEN E. WHITE
GEOPHYSICAL CONSULTING
& SERVICES LTD.

INSTRUMENT: HUNTEC TIME DOMAIN

RHYOLITE RESOURCES INC.
HARRISON LAKE PROJECT
MULTIPOLE INDUCED POLARIZATION
LINE 00N

DATE: OCT/83

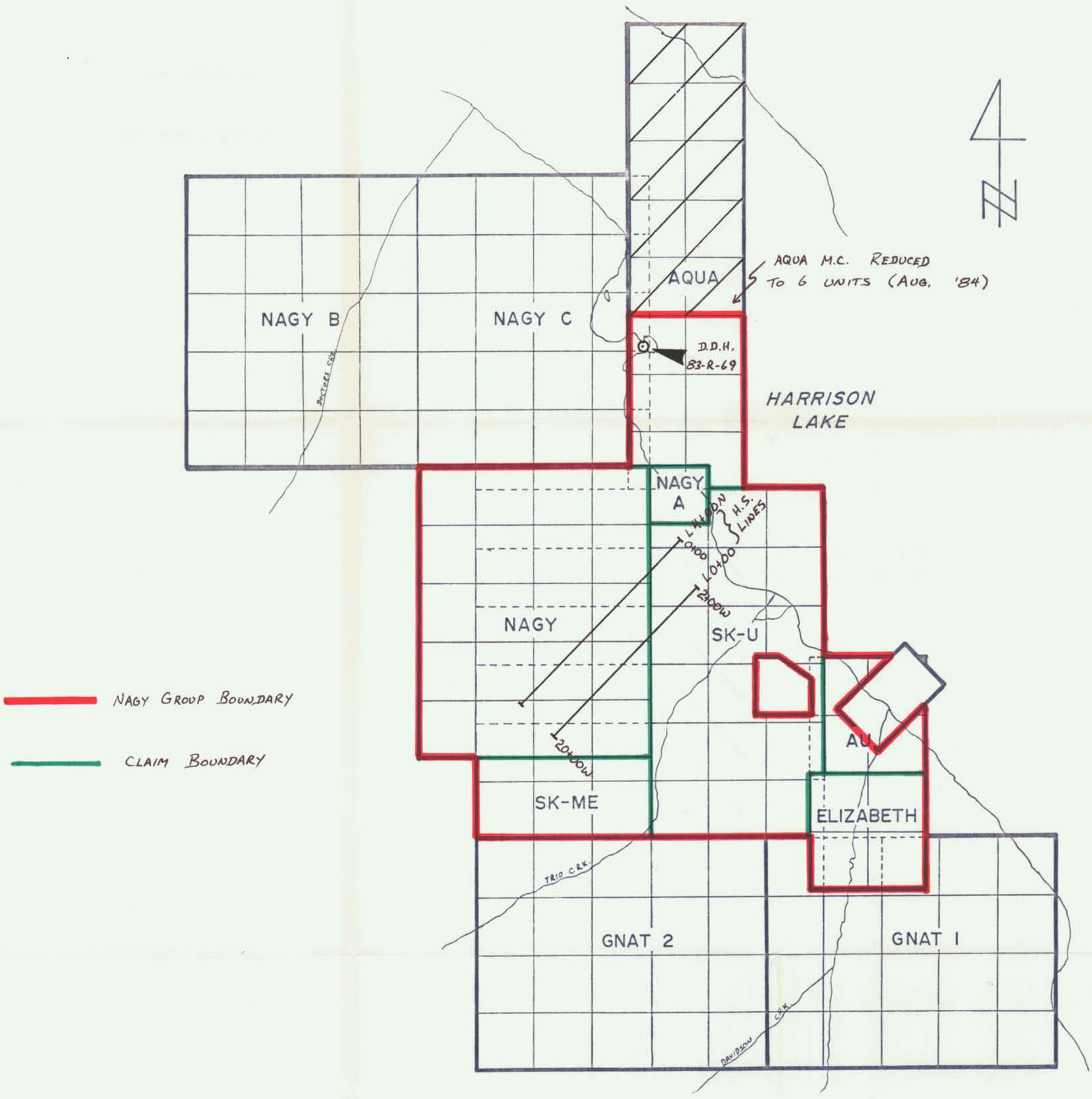
FIG.: 22



GLEN E. WHITE
GEOPHYSICAL CONSULTING & SERVICES LTD.

RHYOLITE RESOURCES INC.
HARRISON LAKE PROJECT
MULTIPOLE INDUCED POLARIZATION
LINE 00N

DATE: OCT/83 | FIG.: 23



RHYOLITE RESOURCES INC.
HARRISON LAKE PROPERTY

LOCATION MAP FOR D.D.H. 83-R-69
& H.S. GRID LINES

Scale 1:25 000
Date Aug. 7, 1984.

FIG. 2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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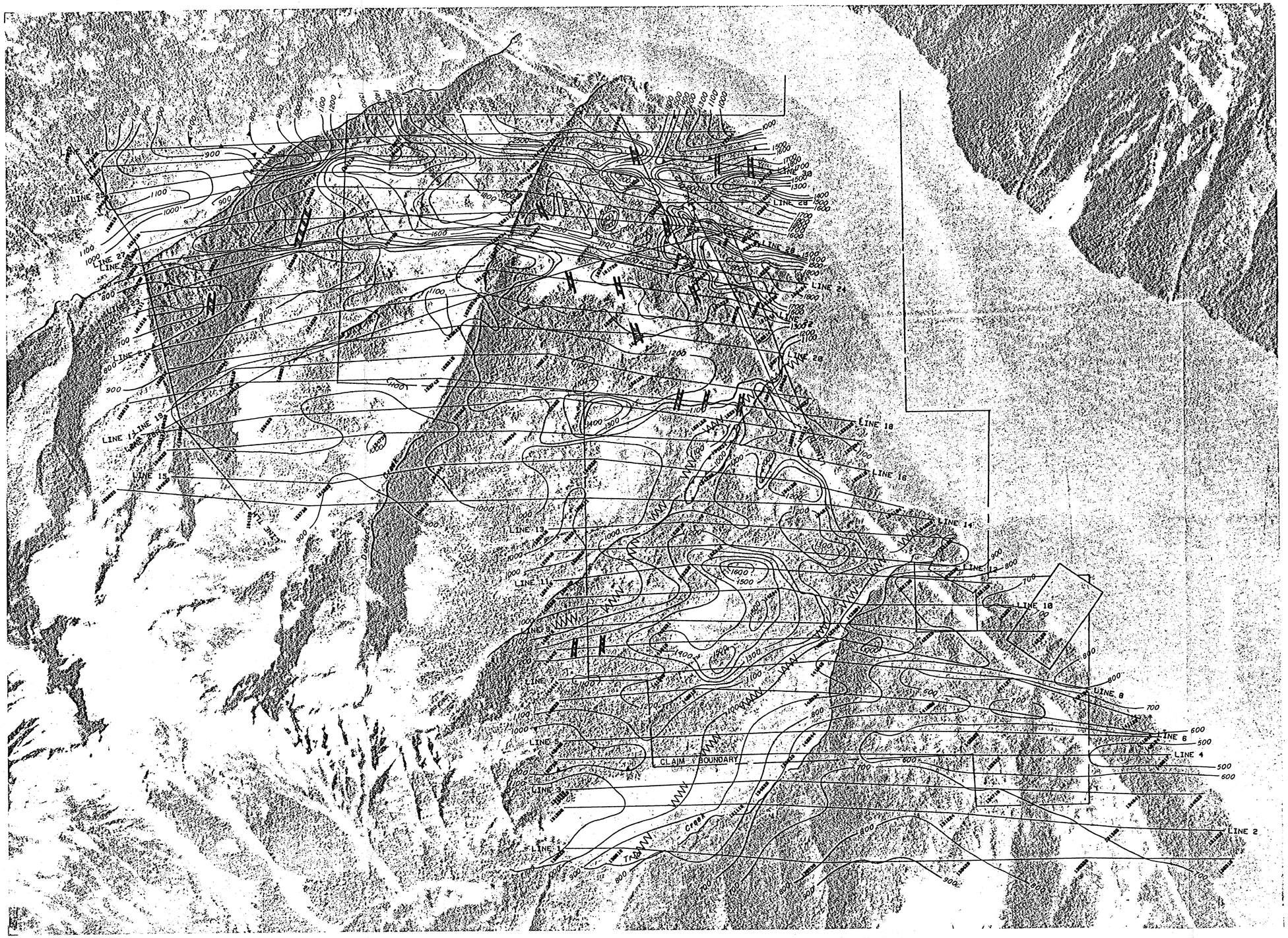
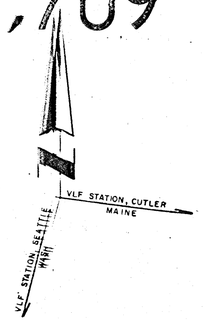




KEY

INSTRUMENT: Barringer M-223 Magnetometer

Data corrected for diurnal variations

Base Value= 56000 gammas

Contour Interval= 100 gammas

Roads

Claim boundary

Claim post

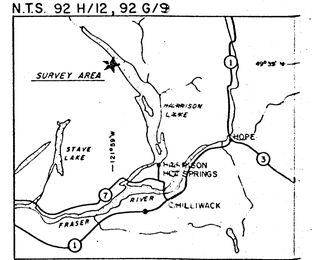
Inferred Fault

VLF-EM Conductor

Magnetic High

Magnetic Low

N.T.S. 92 H/12, 92 G/9



LOCATION MAP

METRES
0 200 400 600 800 1000 1200

Western Geophysical Aero Data Ltd.

To accompany the Geophysical Report on the Harrison Lake Project

RHYOLITE RESOURCES INC.
HARRISON LAKE PROJECT
MAGNETIC INTENSITY CONTOUR MAP
TOTAL MAGNETIC FIELD INTENSITY (GAMMAS)

DATE: SEPT 20/83 | FIG.: 2

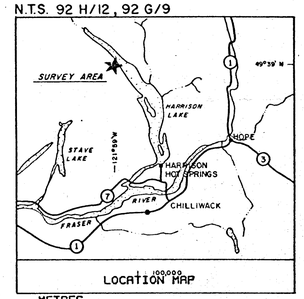
LINE 30
LINE 28
LINE 26
LINE 24
LINE 22
LINE 20
LINE 18
LINE 16
LINE 14
LINE 12
LINE 10
LINE 8
LINE 6
LINE 4
LINE 2
LINE 27
LINE 25
LINE 23
LINE 21
LINE 19
LINE 17
LINE 15
LINE 13
LINE 11
LINE 9
LINE 7
LINE 5
LINE 3
LINE 1
CLAIM BOUNDARY
Trio Creek

VLF STATION, CUTLER MAINE
VLF STATION SEATTLE WASH.

KEY

INSTRUMENT: Sabre Total Field Intensity VLF-EM
Transmitter Station, Seattle (24.8 Khz)
Vertical Scale, 10%/cm.
=== Roads
—·— Claim boundary
■ Claim post
VLF-EM Conductor

N.T.S. 92 H/12, 92 G/9



LOCATION MAP

METRES
0 200 400 600 800 1000 1200

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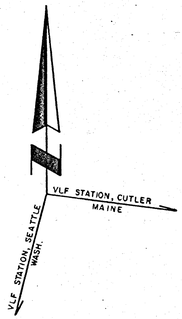
To accompany the Geophysical Report on the Harrison Lake Project

RHYOLITE RESOURCES INC.
HARRISON LAKE PROJECT
TOTAL FIELD INTENSITY VLF-EM
VLF-EM PROFILES (SEATTLE)

DATE: SEPT 20/83 | FIG.: 3



KEY

INSTRUMENT: Sabre Total Field Intensity VLF-EM

Transmitter Station, Cutler (17.8 Khz)

Vertical Scale, 10%/cm.

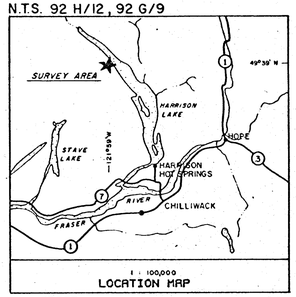
=== Roads

—·— Claim boundary

■ Claim post

VLF-EM Conductor

N.T.S. 92 H/12, 92 G/9



1 : 100,000
LOCATION MAP

METRES
0 200 400 600 800 1000 1200

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To accompany the Geophysical Report on the Harrison Lake Project

RHYOLITE RESOURCES INC.
HARRISON LAKE PROJECT
TOTAL FIELD INTENSITY VLF-EM
VLF-EM PROFILES (CUTLER)

DATE: SEPT 20/83 | FIG.: 4

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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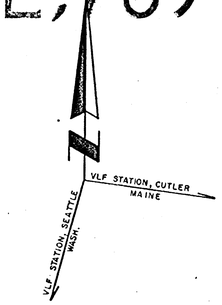


KEY

INSTRUMENTS: Sabre Total Field Intensity VLF-EMS

Transmitter Station #1, Seattle (24.8 Khz)

Transmitter Station #2, Cutler (17.8 Khz)

Vertical Scale, 10%/cm.

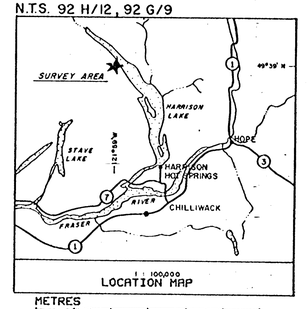
=== Roads

—·— Claim boundary

■ Claim post

ZZZ VLF-EM Conductor

N.T.S. 92 H/12, 92 G/9



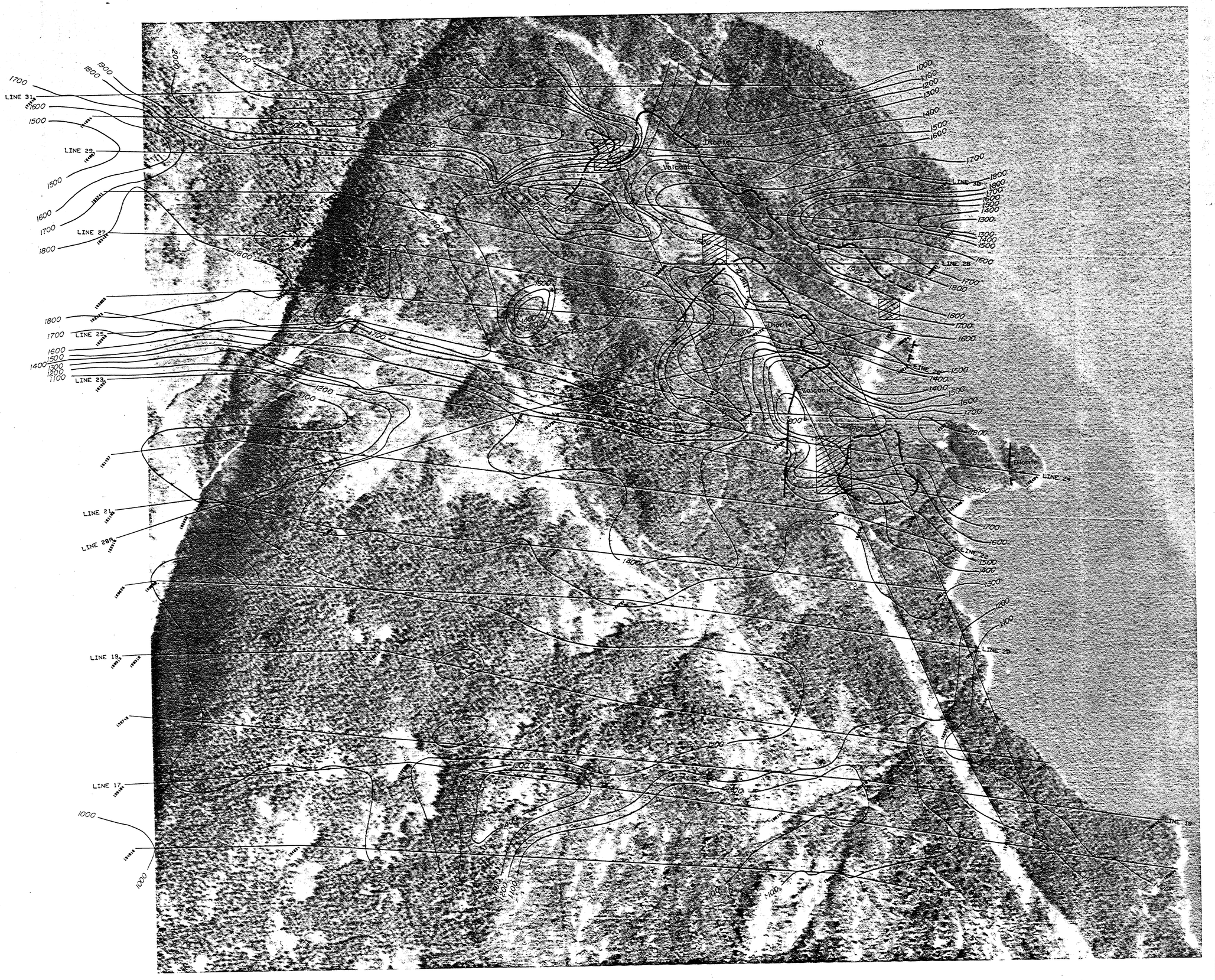
METRES
0 200 400 600 800 1000 1200

Western Geophysical Aero Data Ltd.

To accompany the Geophysical Report on the Harrison Lake Project

RHYOLITE RESOURCES INC.
HARRISON LAKE PROJECT
VLF-EM DIFFERENCE PROFILES
(SEATTLE - CUTLER)

DATE: SEPT 20/83 | FIG.: 5



KEY

INSTRUMENT: Barringer M-123 Magnetometer

Data corrected for diurnal variations

Base Value= 56000 gammas

Contour Interval= 100 gammas

Roads

Claim boundary

Claim post

Diorite / Volcanic — Local geology

Known gold mineralization

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,709

LOCATION MAP

METRES
0 50 100 150 200 250 300 350 400

RHYOLITE RESOURCES INC.
HARRISON LAKE PROJECT
MAGNETIC INTENSITY CONTOUR MAP
TOTAL MAGNETIC FIELD INTENSITY (GAMMAS)

DATE: SEPT 20/83 | FIG.: 6

Western Geophysical Aero Data Ltd.

To accompany the Geophysical Report on the Harrison Lake Project