

84-990-13029

ASSESSMENT REPORT

DRILLING AND GEOPHYSICAL REPORT  
ON THE  
NAGY B AND NAGY C MINERAL CLAIMS  
(NAGY B GROUP)

Harrison Lake, B.C.  
New Westminster Mining Division  
NTS 92G/9E and 92H/12W  
Latitude 49°38' N Longitude 121°59' W

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

Report by  
Steven Coombes

**13,029**

On behalf of

**RHYOLITE RESOURCES INC.**

Field Work Done from October 5, 1983 to January 3, 1984

Vancouver, B.C.

October 1984

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## 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 north-northwest 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.

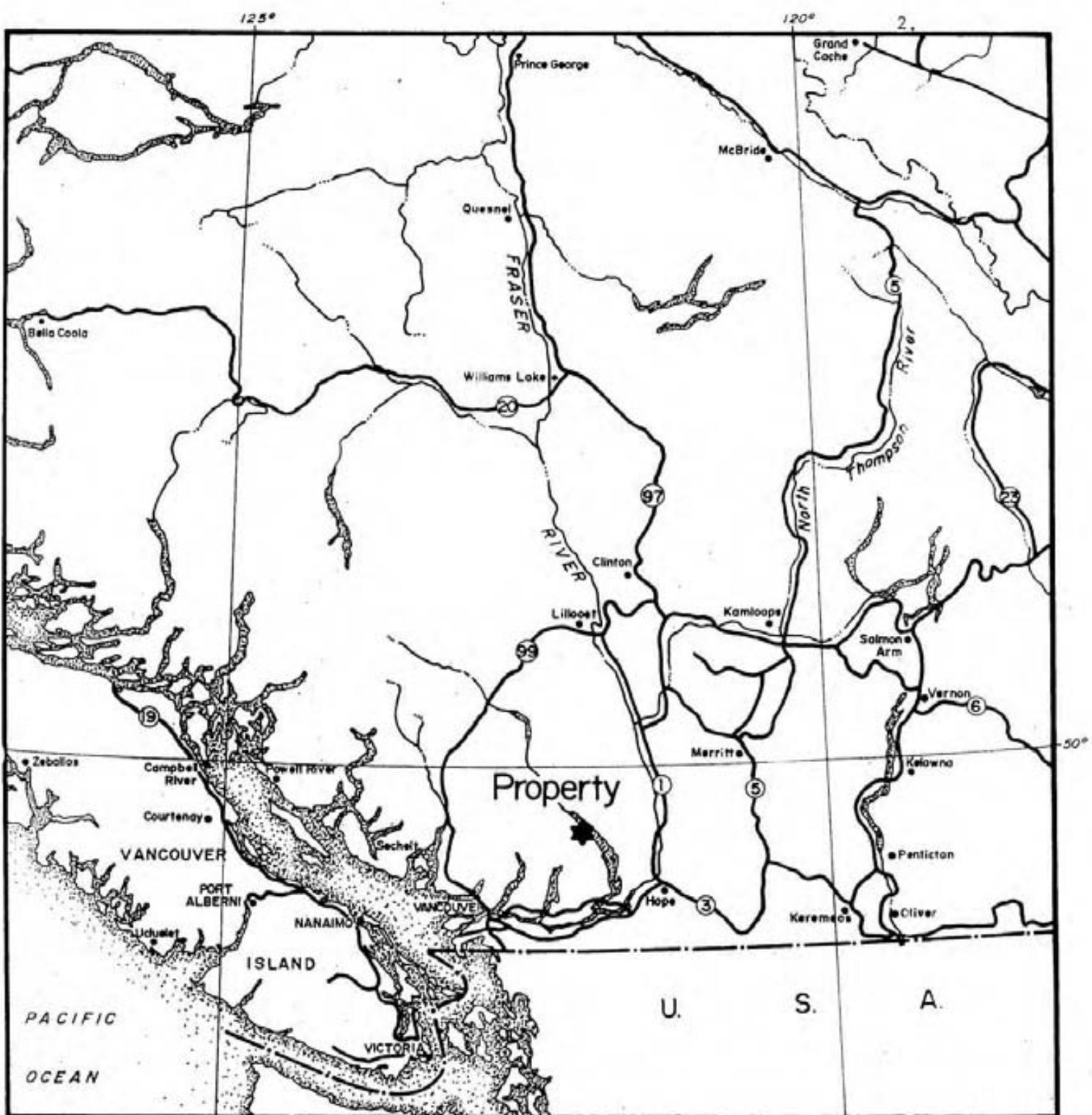
### 1.2 Topography

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

The claim information is as follows:

<u>Claim Name</u>	<u>Record No.</u>	<u>Units</u>	<u>Record Date</u>
NAGY B	1293	20	October 2, 1981
NAGY C	1294	20	October 2, 1981



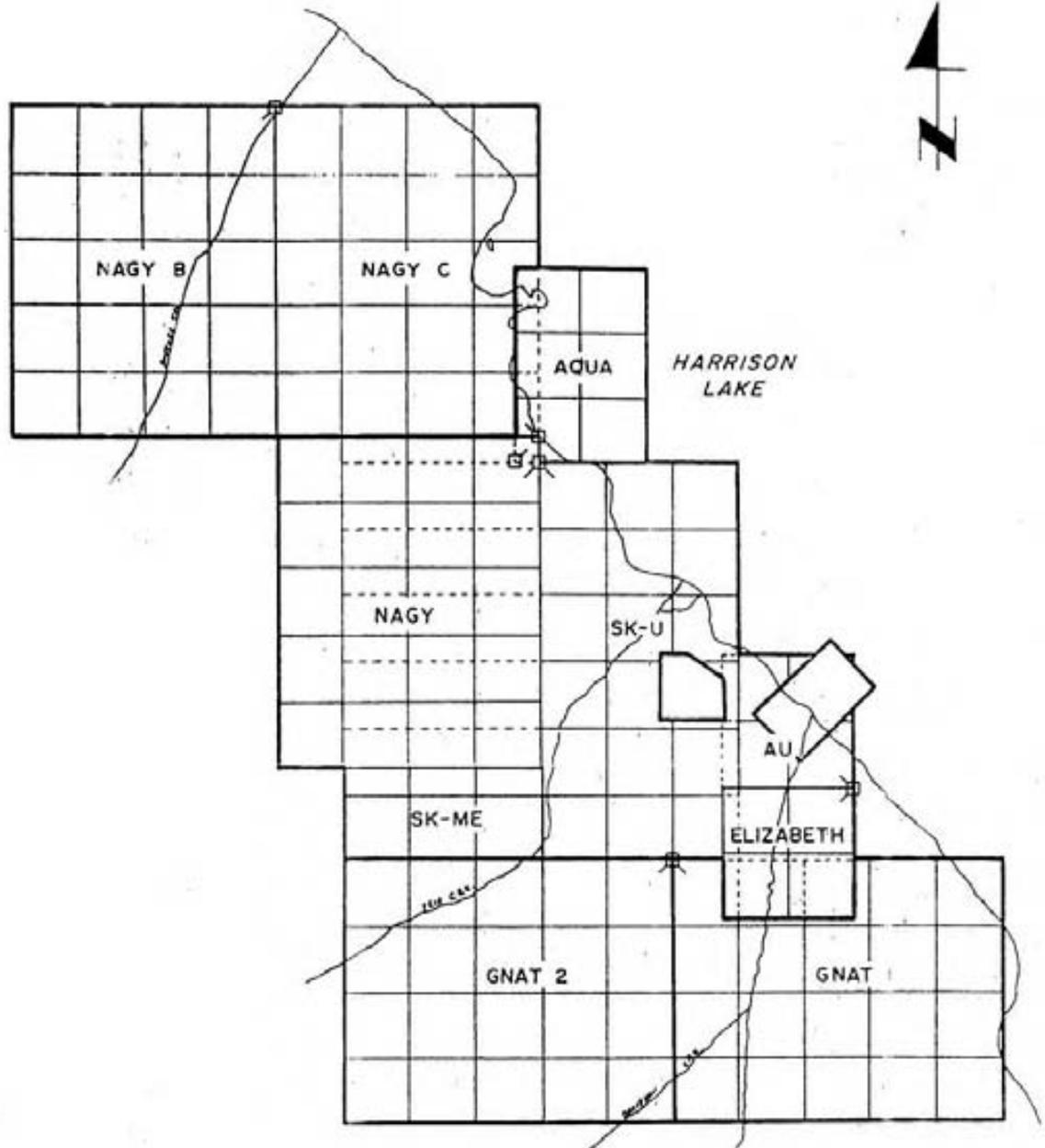


**RHYOLITE RESOURCES INC.**  
*Harrison Lake Property Harrison L. area, B.C.*  
*New Westminster Mining Division 926 & H*



SCALE 1 in. = 50 miles

**Project Location** *FIGURE 1*



RHYOLITE RESOURCES INC. HARRISON LAKE PROPERTY
<b>CLAIM MAP</b>
Scale 1:50 000 Date Aug.25,1984 Figure 2

2. DRILLING

A total of 981.4 meters (3,220 ft.) were drilled in 23 diamond drill holes between October 5 and December 21, 1983 (Fig. 3). The drill logs are included as Appendix A. This program produced 125.6 meters (412 ft.) of NQ sized core and 855.8 meters (2,808 ft.) of HQ sized core, all of which is stored on the property at the exploration camp at Westwood Bay.

The majority of these holes were drilled to increase the tonnage and define the boundaries of the "main zone". Holes DDH 83-R-47, 48 and 70 were exploration holes, drilled in other areas.

3. GEOPHYSICS

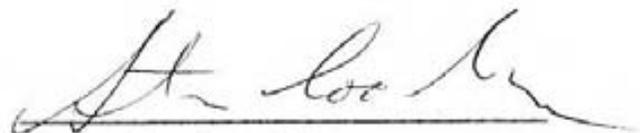
Between October 17 and November 9, 1983, a Multipole Induced Polarization and Proton Precession Magnetometer survey was performed on parts of the North and South Grids. The report from the geophysical consultant is included as Appendix B.

4. STATEMENT OF COSTSDrilling:

412 feet @ \$18.00/foot (NQ)	\$ 7,416.00	
2077 feet @ \$20.00/foot (HQ)	41,540.00	
731 feet @ \$22.00/foot (HQ)	16,082.00	
Transportation and fuel	<u>4,871.67</u>	
		\$69,909.67

Geophysics:

<u>Ground magnetometer survey:</u>		
12 days @ \$ 490/day	\$ 5,880.00	
<u>I.P. survey:</u>		
12 days @ \$1,025/day	12,300.00	
Report compilation and maps	<u>3,002.78</u>	
		\$21,182.78
		<u>\$91,092.45</u>



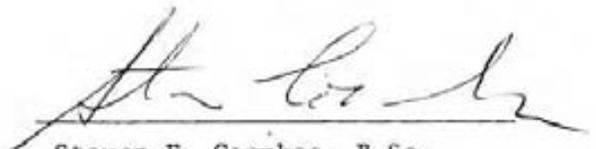
Steven Coombes, B.Sc.  
Geologist

5. 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 October 5, 1983 and January 3, 1984.
5. I hold no interest in the Harrison Lake Property, nor in Rhyolite Resources Inc.

Vancouver, B.C.  
November 1984



Steven F. Coombes, B.Sc.  
Geologist.

APPENDIX A

Drill Logs

Scale

Colour Plot  
1 Dip

## Drill Hole Record

RHYOLITE RESOURCES INC. Page 1 of 5  
Vancouver Canada

Property NAGY CLAIM GROUP District New Westminster M.D. Hole No. 83-R-47 Length 61.3m  
 Commenced Location Harrison Lake, B. C. Tests at Hor. Comp.  
 Completed October 8, 1983 Core Size NQ Corr. Dip -90° Vert. Comp.  
 LAT. 1886.290 DEP. 1227.164 ELEV. 51.656 True Brg. Logged by A.J. White  
 Objective % Recov. Date October 10, 1983

Claim  
T Brg.  
Collar Dip  
Elev.  
Length  
Hole No.

METERS		Description	RECOVERY		Sample interval	Sample No.	Length	Analysis	
From	To		RUN	SHORT				A <sub>g</sub>	A <sub>q</sub>
0.0	2.0	NO CORE	0.00	2.44	2.0				
				3.35	0.7	2.0 3.4	20401	1.4	.011 .01
2.0	3.6	RUBBLE		3.66	-				
		- angular, moderately weathered		4.27	-				
		- pebbled to cobble sized pieces		4.88	-				
		- andesite, altered and bleached light grey associated with minor fractures filled with calcite, some grey sulphides associated with white quartz veinlet		5.75	0.1				
				7.32	-				
				8.84	-				
				10.36	-				
3.6	12.5	DACITIC FRAGMENTAL TUFF		11.43	0.1				
		- medium grey, fine grained groundmass with coarser grained dark grey to white angular fragments		12.50	0.1				
		- minor fractures with alteration along envelopes to light grey		14.02	-				
		- minor pyrite along some fractures		15.54	-				
				17.07	-				
				18.59	-				
12.5	14.8	HORNFEISED DACITIC TUFF		20.12	-				
		- medium to light grey with many fragments "ghosted"		21.64	0.1				
				23.17	-				
				24.69	-				
				26.21	0.1				
				27.74	-				





Scale

Golden Pict  
1 Dia

# Drill Hole Record

**RHYOLITE RESOURCES INC.** Page 4 of 5  
Vancouver Canada

Property	NAGY CLAIM GROUP	District	New Westminster M.D.	Hole No.	83-R-47	Length	61.3
Commenced		Location	Harrison Lake, B. C.	Tests at		Hor. Comp.	
Completed	October 8, 1983	Core Size	NQ	Corr. Dip	-90°	Vert. Comp.	
LAT.	1886.290	DEP.	1227.164	ELEV.	51.656	True Brg.	Logged by A. J. White
Objective			% Recov.			Date	

Claim  
T Brg.  
Collar Dip  
Elev.  
Length  
Hole No.  
Sheet

METERS From To	Description	RECOVERY		Sample Interval	Sample No.	Length	Analysis	
		RUN	SHORT				Au	Ag
	SAMPLE:			32.1 32.6	20402	0.5	.001	.01
	32.1 to 32.6m - highly fractured and broken by irregular quartz & calcite veinlets							
				36.0 36.5	20403	0.5	.001	.01
36.0	41.8			36.5 37.0	20404	0.5	.002	.01
	HORNFEELS			37.0 37.5	20405	0.5	.001	.01
	- fine grained, dark grey with extensive alteration (propylitic) to light grey throughout along fractures with some associated pyrite and arsenopyrite			37.5 38.0	20406	0.5	.001	.01
	- "ghosted" fragments observed with quartz and calcite			38.0 38.5	20407	0.5	.001	.01
	-SAMPLES - first two are almost entirely altered and sheared, remaining about 50% altered			38.5 39.0	20408	0.5	.001	.01
41.8	53.0							
	AMYGDULAR PORPHYRITIC ANDESITE							
	- fine grained dark brownish grey groundmass with coarser light grey to white phenocrysts (feldspars)							
	white minerals infilling amygdules							
	- moderately fractured with minor altered envelopes.							





Scale

Colour Print  
1 0/16

# Drill Hole Record

RHYOLITE RESOURCES INC - Page 2 of 3

Property	NAGY CLAIM GROUP	District	New Westminster M.D.	Hole No.	83-R-48	Length	64.3m
Commenced	October 9, 1983	Location	Harrison Lake, B. C.	Tests at		Hor. Comp.	
Completed	October 13, 1983	Core Size	NQ	Corr. Dip	-90°	Vert. Comp.	
LAT.	2109.47	DEP.	1337.36	ELEV.	15.36	True Brg.	
Objective		% Recov.		Date	October 22, 1983	Logged by	S. Coombes

Claim  
T Brg.  
Collar Dip  
Elev.  
Length  
Hole No.  
Sheet

METERS		Description	RECOVERY		Sample interval	Sample No.	Length (m)	Analysis	
From	To		RUN	SHORT				Au	Ag
		pyrite concentrated with quartz in stringers as well as disseminated throughout the rock	20.1	21.34	-				
				22.86	-				
				23.77	-				
12.3	13.9	DACITIC TUFF		24.69	-				
		- similar to 3.7 to 9.2		25.91	-	13.3	13.8	20409	0.5 .001 .01
		- higher concentration of disseminated pyrite, especially at 13.5m		27.43	-				
				28.96	0.1				
				29.26	-				
13.9	45.0	ALTERED DACITIC TUFF		29.87	0.1				
		- similar to 9.2 to 12.3		30.33	-	16.0	16.5	20410	0.5 .001 .01
		- bleached from 16.4 to 17.3 with arsenopyrite and pyrite veining with quartz		31.55	-	16.5	17.0	20411	0.5 .001 .01
				33.07	-	17.0	17.5	20412	0.5 .001 .01
		- pyrite stringers at 45° to core axis concentrated from 17.5 to 18.4		34.60	-	17.5	18.0	20413	0.5 .001 .01
		- minor shear zone at 22.0m		36.27	-	18.0	18.5	20414	0.5 .001 .01
		- bleached zones at 18.8 to 19.2, 26.3 to 26.8, 27.2 to 27.4, and 28.3 to 29.0 all accompanied by arsenopyrite and pyrite mineralization		36.88	-	18.7	19.2	20415	0.5 .001 .01
				38.41	-	19.2	19.7	20416	0.5 .001 .01
		- major quartz veins ( up to 5 cm ) at 28.4 and 32.4m		39.93	-	25.4	25.9	20417	0.5 .039 .02
				41.45	-	26.3	26.8	20418	0.5 .070 .01
				42.98	-	27.0	27.5	20419	0.5 .028 .01
				44.50	-	28.3	28.8	20420	0.5 .001 .01
				45.87	-	32.2	32.7	20421	0.5 .001 .01

Scale

Course Plot  
1 Day

## Drill Hole Record

RHYOLITE RESOURCES INC. - Page 3 of 3  
Vancouver Canada

Property	NAGY CLAIM GROUP	District	New Westminster M.D.	Hole No.	83-R-48	Length	64.3m
Commenced	October 9, 1983	Location	Harrison Lake, B. C.	Tests at		Hor. Comp.	
Completed	October 13, 1983	Core Size	NQ	Corr. Dip	-90°	Vert. Comp.	
LAT.	2109.47	DEP.	1337.36	ELEV.	15.36	True Brg.	
Objective		% Recov.		Date	October 22, 1983	Logged by	S. Coombes

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet

METERS		Description	RECOVERY		Sample Interval	Sample No.	Length	Analysis	
From	To		RUN	SHORT				Au	Ag
		- pyrite disseminated throughout and concentrated in minor stringers at varying angles to the core axis	45.87	47.09	-				
			47.89		-				
			49.07	0.2					
45.0	46.0	DACITIC TUFF	50.60		-				
		- similar to 3.7 to 9.2 m	50.90		-				
			52.12	0.1					
46.0	54.5	ALTERED DACITIC TUFF	53.65		-				
		- similar to 9.2 to 12.3 m	55.17		-				
			56.69		-				
54.5	64.3	DACITIC TUFF	58.22		-				
		- similar to 3.7 to 9.2m	59.44		-				
		- quartz vein at 62.8m with pyrite.	61.27		-	62.0 20422	.05	.001	.01
			62.79		-	62.5 63.0 20423	.05	.001	.01
			64.31		-				
		END OF HOLE							



Scale

Colour Print  
& Date

## Drill Hole Record

RHYOLITE RESOURCES INC - Page 2 of 5

Vancouver Centre

Property	NAGY CLAIM GROUP	District	New Westminster M.D.	Hole No.	83-R-49	Length	56.7m
Commenced	October 14, 1983	Location	Harrison Lake, B. C.	Tests at		Hor. Comp.	
Completed	October 20, 1983	Core Size	HQ	Corr. Dip.	-90°	Vert. Comp.	
LAT.	2063.37	DEP.	993.49	ELEV.	110.49	True Brq.	Logged by S. Coombes
Objective		% Recov.		Date	October 23, 1983		

Claim

T Brq.

Collar Dip

Elev.

Length

Hole No.

Sheet

METERS		Description	RECOVERY		Sample Interval	Sample No.	Length	Analysis
From	To		RUN	SHORT				
			30.78					
			32.3	-				
			33.83	-				
15.2	22.0	BRECCIA	35.36	-				
		- similar to 1.5 to 9.2m	36.88	-				
		- pyrite is concentrated along fractures, as well as filling open spaces	38.40	-				
		- fewer dioritic sections	39.93	-				
			41.45	-				
			42.98	-				
22.0	22.6	FINE GRAINED DACITE (DYKE)	44.50	-				
		- massive fine grained, medium grey rock with pyrite disseminated throughout and concentrated along small fractures.	46.02	-				
			46.94	-				
			48.46	-				
			49.07	-				
			50.06	-				
			51.51	-				
			53.04	-				
			54.56	-				
			56.08	-				
			56.69	-				
			F.O.H.					

Scale  
Colour Print  
& Date

# Drill Hole Record

**RHYOLITE RESOURCES INC.**

Property **NAGY CLAIM GROUP** District **New Westminster M.D.** Hole No. **83-R-49** Length **56.7m**  
 Commenced **October 14, 1983** Location **Harrison Lake, B. C.** Tests at **Hor. Comp.**  
 Completed **October 20, 1983** Core Size **HQ** Corr. Dip **-90°** Vert. Comp. **—**  
 LAT. **2063** DEP. **993.49** ELEV. **10.81** True Brg. **—** Logged by **S. Coombes**  
 Objective **—** % Recov. **—** Date **October 23, 1983**

Claim  
T Brg.  
Collar Dip  
Elev.  
Length  
Hole No.  
Sheet

METERS		Description	RECOVERY		Sample Interval	Sample No.	Length (m)	Analysis	
From	To		RUN	SHORT				Au	Ag
					23.2-24.2m	20424	0.5	.001	.01
22.6	28.7	ALTERED DACITIC TUFF (MINERALIZED)			24.2-24.7	20425	0.5	.021	.02
		- mottled light to medium grey			24.7-25.2	20426	0.5	.004	.01
		- medium grain size shows through in places			25.2-25.7	20427	0.5	.150	.10
		- brecciated around 23.0m with pyrite filling open spaces			25.7-26.2	20428	0.5	.002	.01
		- arsenopyrite and pyrite occurs along with quartz and calcite in small veins from 4mm to 20mm in width			26.2-26.7	20429	0.5	.001	.01
		- tuff brecciated in places by veining			26.7-27.2	20430	0.5	.001	.01
		- alteration greatest near veining, propylitically altered and bleached			27.2-27.7	20431	0.5	.003	.01
					28.2-28.7	20432	0.5	.029	.01
28.7	37.7	BRECCIA							
		- similar to 1.5 to 9.2m			30.2-30.7	20433	0.5	.004	.01
		- no dioritic dykes			30.7-31.2	20434	0.5	.021	.06
		- cut by occasional quart/calcite veins containing arsenopyrite and pyrite			31.7-32.2	20435	0.5	.003	.01
		- altered to hornfels facies in vicinity of veins.			33.9-34.4	20436	0.5	.030	.01
					35.7-36.2	20437	0.5	.001	.01
					37.2-37.7	20438	0.5	.001	.01

0046

Current Plot  
1 Day

# Drill Hole Record

Property	NAGY CLAIM GROUP	District	New Westminster M.D.	Hole No.	83-R-49	Length	56.7m
Commenced	October 14, 1983	Location	Harrison Lake, B. C.	Tests at		Hor. Comp.	
Completed	October 20, 1983	Core Size	HQ	Corr. Dip	-90°	Vert. Comp.	
LAT.	2063	DEP.	993.49	ELEV.	110.81	True Brg.	Logged by S. Coombes
Objective		% Recov.		Date	October 23, 1983		

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
-------	--------	------------	-------	--------	----------	-------

METERS		Description	RECOVERY		Sample interval	Sample No.	Length	Analysis	
From	To		RUN	SHORT				Au	Ag
37.7	39.5	ALTERED DACITIC TUFF (HORNFELS) - mottled light to medium grey - altered almost entirely to hornfels facies - occasional quartz/calcite stringers at 38.7m; large quartz/calcite vein with massive arsenopyrite and pyrite			38.4 38.9	20439	0.5	.029	.01
39.5	42.0	BRECCIA (ALTERED) - similar to 1.5 to 9.2m - no dioritic dykes - partially altered to hornfels facies - magnetic pyrrhotite and pyrite filling open spaces between breccia fragments.							
42.0	44.1	ALTERED DACITIC TUFF (HORNFELS) - similar to 37.7 to 39.5m - quartz/calcite vein with arsenopyrite and pyrite at 43.3m			43.0 43.5	20440	0.5	.021	.01

Scale

Current Plot  
& Dips

## Drill Hole Record

RHYOLITE RESOURCES INC. - Page 5 of 5

Vanouver Canada

Property	NAGY CLAIM GROUP	District	New Westminster M.D.	Hole No.	83-R-49	Length	56.7m
Commenced	October 14, 1983	Location	Harrison Lake, B. C.	Tests at		Hor. Comp.	
Completed	October 20, 1983	Core Size	HQ	Corr. Dip	-90°	Vert. Comp.	
LAT.	2063	DEP.	993.49	ELEV.	110.81	True Brg.	Logged by S. Coombes
Objective		% Recov.		Date	October 23, 1983		

Claim

Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet

METERS		Description	RECOVERY		Sample interval	Sample No.	Length	Analysis	
From	To		RUN	SHORT				Au	Ag
44.1	45.2	HORNFELS - massive dark grey rock - occasional vugs filled with pyrite - ghosted breccia fragments at 44.6m							
45.2	49.5	BRECCIA - similar to 1.5 to 9.2m - no dioritic dykes - quartz/calcite vein with pyrite and arsenopyrite at 47.6m			47.4-47.9	20441	0.5	.001	.01
49.5	56.7	ALTERED DACITIC TUFF (HORNFELS) - similar to 37.7 to 39.5m - mineralized veins at 49.7m, 51.0m, 51.5m, 52.0m, 53.6m, 53.9m, 54.9m and 55.1m - last 1.8m : massive dark grey hornfels with scattered vugs filled with feldspars (?)			49.5-50.0 50.7-51.2 51.4-51.9 51.9-52.4 55.5-54.0 54.6-55.1	20442 20443 20444 20445 20446 20447	0.5 0.5 0.5 0.5 0.5 0.5	.040 .002 .008 .001 .001 .010	.20 .01 .01 .01 .01 .01
END OF HOLE									



Scale

Colour Print  
& Date

# Drill Hole Record

**RHYOLITE RESOURCES INC.** Page 2 of 4

Property **NAGY CLAIM GROUP** District **New Westminster M.D.** Hole No. **83-R-50** Length **48.2m**  
 Commenced **October 21, 1983** Location **Harrison Lake, B. C.** Tests at **Hor. Comp.**  
 Completed **October 24, 1983** Core Size **HQ** Corr. Dip. **-90°** Vert. Comp. **-**  
 LAT. **2078.55** DEP **893.73** ELEV. **112.67** True Brg. **Logged by S. Coombes**  
 Objective **% Recov.** Date **October 24, 1983**

Claim  
T Brg.  
Collar Dip  
Elev.  
Length  
Hole No.  
Sheet

METERS From To	Description	RECOVERY		Sample Interval	Sample No.	Length	Analysis	
		RUH	SHORT				Au	
7.2 - 10.0	BRECCIA - similar to 1.5 to 5.7 - altered to hornfels facies in places - rusty weathering down to 9.7m	22.97 24.69 26.21 26.82 27.58 28.96	- - - - - -					
10.0 - 10.5	HORNFELS - medium grey / green - cut by quartz/calcite stringers with accompanying epidote - soft clay in fractures (gouge)	30.48 32.00 32.61 33.83 34.75	- - - - -					
10.5 - 19.7	FAULT ZONE - original rock was fragmental dacitic tuffs but has been altered and ground up into clay with fragments of the original rock. - contains arsenopyrite and pyrite in places, most notably from 18.0 to 19.5. - dark grey in colour - fractures run sub-parallel to core axis.	35.97 36.88 37.64 38.40 39.93 41.15 42.52 44.04 45.72 47.24 48.16	- - - - - - - - - - -	12.2-12.7 13.1-13.6 13.6-14.1 14.1-14.6 15.5-16.0 16.0-16.5 16.5-17.0 17.0-17.5 17.5-18.0 18.0-18.5	20448 20449 20450 20451 20452 20453 20454 20455 20456 20457	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	.001 .001 .001 .008 .001 .001 .001 .001 .001 .001 .046	.01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01

1244

Colour Plot  
& Dip

# Drill Hole Record

RHYOLITE RESOURCES INC - Page 3 of 4  
Vancouver Canada

Property	NAGY CLAIM GROUP	District	New Westminster M.D.	Hole No.	83-R-50	Length	48.2m
Commenced	October 21, 1983	Location	Harrison Lake, B. C.	Tests at		Hor. Comp.	
Completed	October 24, 1983	Core Size	HQ	Corr. Dip	-90°	Vert. Comp.	
LAT.	2078.55	DEP.	993.73	ELEV.	112.67	True Brg.	
Objective		% Recov.		Date	October 24, 1983	Logged by	S. Cobombes

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
-------	--------	------------	-------	--------	----------	-------

METERS From To	Description	RECOVERY		Sample Interval	Sample No.	Length	Analysis				
		RUN	SHORT				Au	Ag			
				18.5-19.0	20458	0.5	.032	.01			
				19.0-19.5	20459	0.5	.051	.01			
				20.2-20.7	20460	0.5	.028	.01			
19.7	26.0			20.7-21.2	20461	0.5	.274	.13			
	- light to medium grey (bleached)			21.2-21.7	20462	0.5	.247	.10			
	- medium grained texture mainly obscured			21.7-22.2	20463	0.5	.166	.10			
	- cut by several veins of quartz/calcite containing arsenopyrite and pyrite at from 60° to 90° to the core axis.			22.2-22.7	20464	0.5	.042	.09			
	- vein breccia occurs notably at 21.1m with fragment composed of mineralized hornfels			23.2-23.7	20465	0.5	.017	.10			
				23.7-24.2	20466	0.5	.010	.10			
				24.2-24.7	20467	0.5	.051	.08			
				24.7-25.2	20468	0.5	.277	.18			
				25.2-25.7	20469	0.5	.018	.01			
				27.1-26.2	20470	0.5	.010	.01			
				27.6-28.1	20471	0.5	.003	.01			
26.0	37.6			31.2-31.7	20472	0.5	.007	.01			
	- fragmental dacitic tuff altered to hornfels facies			32.7-33.2	20473	0.5	.001	.01			
	- scattered quartz/calcite stringers with pyrite and arsenopyrite			33.8-34.3	20474	0.5	.001	.01			
	rock is bleached near stringers; notably at 27.6, 28.0, 31.5, 32.9			34.6-35.1	20475	0.5	.009	.01			
				36.4-36.8	20476	0.5	.001	.01			

Scale

Colour Plot  
& Dips

## Drill Hole Record

RHYOLITE RESOURCES INC. Page 4 of 4

Vancouver Canada

Property	NAGY CLAIM GROUP	District	New Westminster M.D.	Hole No.	83-R-50	Length	48.2m
Commenced	October 21, 1983	Location	Harrison Lake, B. C.	Tests at		Hor. Comp.	
Completed	October 24, 1983	Core Size	HQ	Corr. Dip	-90°	Vert. Comp.	
LAT.	2078.55	DEP.	993.73	ELEV.	112.67	True Brg.	Logged by S. Coombes
Objective		% Recov.		Date	October 24, 1983		

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No.

Sheet

METERS		Description	RECOVERY		Sample Interval	Sample No.	Length	Analysis	
From	To		RUN	SHORT				Au	Ag
		33.9, 34.5, and 37.5							
37.6	48.2	DARK GERY PORPHRITIC DYKE			37.7				
		- fine grained dark grey groundmass with white phenocrysts (feldspar?)			38.2	20477	0.5	.003	.01
		- darker and less porphyritic near contact with altered tuff			41.8	20478	0.5	.010	.02
		- small mineralized stringers with associated bleaching at 37.8; 38.1 and 42.1m							
		- andesitic in appearance							
		END OF HOLE							

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC. 

Property NAGY CLATH GROUP Location HARRISON LAKE, B. C. District NEW WESTMINSTER M.D. Hole No. 83-R-51 Length 33.8m  
 Commenced October 25, 1983 Completed October 27, 1983 Core Size HQ True Bearing \_\_\_\_\_ Corr. Dip \_\_\_\_\_  
 Lat. 2204.29 Dep. 980.38 Elev. 99.28 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS		
	from	to		run	short				Au-oz/ton	Ag-oz/ton	
	0.0	1.1	NO CORE	0.00							
				3.05	1.7						
				3.81							
	1.3	2.0	RUBBLE	4.88							
			- pebble to cobble sized fragments of volcanic breccias and tuffs	6.40							
				7.16							
				9.14							
	2.0	12.6	BRECCIA	10.21		7.5-8.1	20479	0.5	0.066	0.07	
			- fragments range from 2mm to 80mm in size	11.73							
			- fragments are composed of fine to medium grained	12.50							
			dacite and andesite (tuffs) set in a medium grained	13.87							
			tuffaceous dacite matrix	15.39							
			-the rock is bleached and cut by quartz and	16.31							
			calcite veining with arsenopyrite and pyrite from	17.07							
			7.6-8.1m	18.59							
			--open spaces filled with quartz and pyrite	19.51							
			- dacitic tuff layer from 6.9 to 7.1m	20.27							
				21.64							
	12.6	17.2	ALTERED ANDESITIC TUFF (HORNFELS)	23.16		15.3-16.4	20480	0.9	0.007	0.01	
			- dark grey, fine grained to aphanitic massive rock	24.38							
			- contains amygdules filled with calcite, chlorite and occasional	25.91							
			pyrite scattered throughout.	27.74							

NOTE: Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-51  
 All angles measured from core axis. Date October 28, 1983 Page 1 of 4

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
			- occasional quartz and calcite filled fractures	27.74						
			with accompanying bleaching, most notably from	29.26						
			15.5 to 16.3m; arsenopyrite and pyrite at 16.3m	30.78						
			- fractures are at 45° to core axis.	32.31						
				33.83						
				e.o.h.						
	17.2	17.7	BRECCIA							
			- similar to 2.0 to 12.6m							
	17.7	19.5	DACITIC TUFF (ALTERED)							
			- medium to dark grey; medium grained							
			- fairly massive							
	19.5	22.2	BRECCIA							
			- similar to 2.0 to 12.6m							
			- dacitic tuff bands at 19.6 to 19.7, 19.8 to 20.0,							
			and 21.0 to 21.6; all similar to 17.7 to 19.5.							
	22.2	22.8	DACITIC TUFF							
			- medium to coarse grained, medium grey							
			- pyrite disseminated throughout.							

Project \_\_\_\_\_ Logged by \_\_\_\_\_ Checked by \_\_\_\_\_ Hole No. 83-R-51  
 Location \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_ Page 2 of 4

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC. 

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	22.8	23.6	BRECCIA - similar to 2.0 to 12.6m							
	23.6	24.3	DACITIC TUFF - similar to 22.2 to 22.8m							
	24.3	27.7	BRECCIA - similar to 2.0 to 12.6m							
	27.7	28.2	ALTERED ANDESITIC TUFF (HORNFELS) - similar to 12.6 to 17.2m							
	28.2	28.9	BRECCIA - similar to 2.0 to 12.6m							
	28.9	29.6	ANDESITE DYKE - massive aphanitic rock with coarsly disseminated pyrite - dark grey - contacts at 45° to core axis							

Project \_\_\_\_\_ Logged by \_\_\_\_\_ Checked by \_\_\_\_\_ Hole No. 83-R-51  
 Location \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_ Page 3 of 4



# DRILL HOLE RECORD

RHYOLITE RESOURCES INC. 

Property NACY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster M.D. Hole No. 83-R-52 Length 31.9m  
 Commenced October 28, 1983 Completed October 29, 1983 Core Size HQ True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 2220.06 Dep. 967.89 Elev. 97.46 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Color Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	0.0	0.5	NO CORE	0.0	1.83	0.5				
				2.13						
	0.5	0.7	RUBBLE	3.66						
			- pebble to cobble sized pieces of dacite (tuffaceous)	5.18						
				6.40						
	0.7	5.2	BRECCIA	7.92						
			- fragments from 5mm to 80mm in diameter composed of	9.14						
			dacite and andesite (mainly tuffaceous) set in a	10.21						
			medium to coarse grained dacitic tuff matrix	11.43						
			- rusty weathering along fractures down to 5.2m	12.34						
			- open spaces filled with quartz and pyrite	13.11						
				14.33						
	5.2	6.0	DACITIC TUFF	15.59						
			- medium to coarse grained, medium grey in colour	17.07						
			- massive with occasional larger rock fragments	18.59						
			- pyrite disseminated throughout.	20.12						
				21.64						
	6.0	10.1	BRECCIA	22.56						
			- similar to 0.7 to 5.2m	23.77						
				24.69						
				26.21						

NOTE: Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-52  
 All angles measured from core axis. Date November 3, 1983 Date \_\_\_\_\_ Page 1 of 1

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	10.1	12.6	DACITIC TUFF (ALTERED) - (Mineralized)	26.21		11.4-11.9	20481	0.5	0.041	0.13
			- similar to 5.2 to 6.0 but altered in places to hornfels facies.	27.43						
				28.96		11.9-12.4	20482	0.5	0.001	0.02
				30.78						
			- scattered quartz and calcite veins with arsenopyrite and pyrite mineralization occur from 11.4 to 12.4m	31.88						
			- rock is bleached to light grey near veining.	e.o.h.						
			- veins are at approx 60° to core axis							
	12.6	13.1	BRECCIA							
			- similar to 0.7 to 5.2							
	13.1	13.5	ANDESITE DYKE							
			- fine grained, dark grey; cut by thin (<1mm) stringers of quartz at random angles							
			- contact with breccias at approx. 45° to core axis							
	13.5	17.4	BRECCIA							
			- similar to 0.7 to 5.2							
			- contains section of altered dacitic tuff (hornfels) from 15.5 to 16.2							

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-52  
 Location \_\_\_\_\_ Date November 3, 1983 Date \_\_\_\_\_ Page 2 of 4

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	17.7	18.5	DACITIC TUFF - similar to 5.2 to 6.0							
	18.5	21.5	BRECCIA - similar to 0.7 to 5.2 - altered to hornfels facies from 19.5 to 20.2m with quartz/calcite veins with pyrite at approx. 70° to the core axis.			19.7-20.2	20483	0.5	0.003	0.01
	21.5	22.1	DACITIC TUFF - similar to 5.2 to 6.0							
	22.1	23.6	CAL-SILICATE HORNFELS - light grey, massive, aphanitic rock - mainly composed of quartz and calcite - cut by thin (4mm) pyritized stringers at various angles.							
	23.6	27.4	DACITIC TUFF - similar to 5.2 to 6.0 - cut by an andesite dyke from 25.6 to 25.8, contacts are brecciated and at 45° to core axis							

Project \_\_\_\_\_ Logged by \_\_\_\_\_ Checked by \_\_\_\_\_ Hole No. 83-R-52  
 Location \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_ Page 3 of 4



# DRILL HOLE RECORD

RHYOLITE RESOURCES INC. 

Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster M.D. Hole No. 83-R-53 Length 33.5m  
 Commenced October 30, 1983 Completed October 31, 1983 Core Size HQ True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 2202.45 Dep. 996.49 Elev. 92.15 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au - oz/ton	Ag - oz/ton
	0.0	3.4	NO CORE	0.0	3.3					
				3.96						
				4.88						
	3.4	5.6	RUBBLE & BROKEN CORE	6.10						
			- pebble to boulder sized pieces of dacitic tuff	7.01						
			and breccia	8.38						
				9.14						
	5.6	11.2	BRECCIA	10.67						
			- fragments from 5mm to 80mm diameter composed	12.19						
			of dacite and andesite (mainly tuffaceous) set in	13.74						
			a medium to coarse grained dacitic tuff matrix.	14.48						
			- open spaces are filled by quartz and pyrite.	15.39						
			- rusty weathering along fractures extends down to	16.92						
			9.2m	18.44						
			- dacitic tuff band from 10.7 to 11.0m	19.96						
				21.47						
	11.2	12.2	ALTERED DACITIC TUFF	22.10						
			- medium to coarse grained tuff partially altered	23.62						
			to hornfels facies	24.23						
			- pyrite disseminated throughout	25.45						
				27.45						
				28.96						

NOTE: All angles measured from core axis. Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-53  
 Date Nov. 4 1983 Date \_\_\_\_\_ Page 1 of 1

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	12.2	18.4	BRECCIA	28.96	30.48					
			- similar to 5.6 to 11.2	32.00						
			- cut by andesite dykes at 14.3 to 14.6 and 14.8 to 15.8; dyke contacts are at approx 45° to core axis	33.53						
			- dykes are cut by pyrite filled fractures at various angles.	s.o.b.						
			- breccia is altered from 15.8 to 16.5 to hornfels facies							
	18.4	19.2	ALTERED DACITIC TUFF							
			- similar to 11.2 to 12.2							
	19.2	19.6	HORNFELS							
			- massive light grey aphanitic rock occurring immediately below a 20mm wide quartz vein which is at 45° to the core axis.							
			- no visible mineralization							
	19.6	20.8	BRECCIA							
			- similar to 5.6 to 11.2							
			- andesite in broken core at approx. 20.0m, possible dyke.							

Project \_\_\_\_\_ Logged by \_\_\_\_\_ Checked by \_\_\_\_\_ Hole No. ~~83-R-53~~ 83-R-53  
 Location \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_ Page 2 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	20.8	23.5	ALTERED DACITIC TUFF (MINERALIZED)			21.5-22.0	20484	0.5	0.002	0.02
			- similar to 11.2 to 12.2			22.3-22.8	20485	0.5	0.002	0.01
			- veining by quart and calcite with associated bleaching							
			occurs from 21.1 to 21.9m and 22.2 to 22.4							
			- visible arsenopyrite at 22.3m							
	23.5	33.5	BRECCIA			31.8-32.3	20486	0.5	0.021	0.06
			- similar to 5.6 to 11.2m							
			- 80mm wide dacite dyke with contacts at 45° to							
			core axis at 24.1m							
			- occasional dacitic tuff sections up to 0.2m wide							
			- altered to hornfels facies from 32.5 to 33.1m							
			END OF HOLE							

Project \_\_\_\_\_ Logged by \_\_\_\_\_ Checked by \_\_\_\_\_ Hole No. 83-R-53  
 Location \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_ Page 3 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC. 

Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster M.D. Hole No. 83-R-54 Length 30.5m  
 Commenced November 1, 1983 Completed November 3, 1983 Core Size HQ True Bearing 090 (EAST) Corr. Dip -60°  
 Lat. 2207.67 Dep. 994.42 Elev. 92.25 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS		
	from	to		run	short				Pu-oz/ton	Ag-oz/ton	
	0.0	4.5	NO CORE	4.88	5.60	0.7					
				6.40							
	4.5	7.4	RUBBLE	7.32							
			- pebble to boulder sized pieces of tuffaceous breccia	8.38							
				9.45							
	7.4	13.7	BRECCIA	10.67							
			- fragments from 5mm to 80mm diameter composed	12.19							
			of dacite and andesite (tuffaceous) in a medium	13.72							
			to coarse grained tuffaceous dacite matrix; open	15.24							
			spaces are filled by quartz and pyrite,	16.76							
			- dacitic tuff band from 7.8 to 8.2	18.29							
				18.90							
	13.7	14.6	ALTERED DACITIC TUFF	19.51							
			- medium to coarse grained tuff, partially altered to	21.03							
			hornfels facies.	22.25							
			- minor disseminated pyrite.	24.08							
				25.60							
	14.6	19.0	BRECCIA	26.97							
			- similar to 7.4 to 13.7	28.96							
			- altered from 14.8 to 16.0 to hornfels facies	30.48							
				e.o.b.							

NOTE: All angles measured from core axis. Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-54  
 Date November 4, 1983 Date \_\_\_\_\_ Page 1 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot # Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	19.0	19.5	DACITIC TUFF - medium to coarse grained, medium grey colour - massive with disseminated pyrite - rusty weathering along fractures							
	19.5	21.3	BRECCIA - similar to 7.4 to 13.7 - altered and slightly bleached from 19.5 to 19.6m							
	21.3	22.7	DACITIC TUFF - similar to 19.0 to 19.5 - highly altered from 21.4 to 21.5m with epidote and pink feldspar zoning at approx. 80° to the core axis, pyrite occurs in this zone in fractures			21.2-21.7	20487	0.5	0.001	0.01
	22.7	25.0	BRECCIA - similar to 7.4 to 13.7							
	25.0	26.1	ALTERED DACITIC TUFF - similar to 13.7 to 14.6m							

Project \_\_\_\_\_ Logged by \_\_\_\_\_ Checked by \_\_\_\_\_ Hole No. 83-R-54  
 Location \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_ Page 2 of 3



# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster M. D. Hole No. 83-R-55 Length 56.7m  
 Commenced November 3, 1983 Completed November 6, 1983 Core Size BQ True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 2141.03 Dep. 1036.46 Elev. 109.23 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	0.0	0.6	NO CORE	0.0	1.83					
				3.35						
	0.6	1.6	RUBBLE	4.88						
			- pebble to boulder sized fragments of diorite and	6.40						
			altered diorite	7.32						
				8.84						
	1.6	2.2	ALTERED DACITIC TUFF	10.67						
			- medium to coarse grained tuff partially altered	12.19						
			to hornfels facies.	13.72						
			- pyrite disseminated throughout and concentrated	16.00						
			along fractures	17.53						
				18.59						
	2.2	5.3	HORNFELS	20.12						
			- light to medium grey, aphanitic, and mottled	21.64						
			in appearance	22.86						
			- pyrite concentrated along fractures	24.23						
			- occasional tuffaceous sections up to 10cm wide.	25.45						
				26.52						
	5.3	10.8	DIORITE	27.74						
			- fine to medium grained, slightly porphyritic (poikiloblastic)	29.26						
			- medium grey colour	39.78						

NOTE: Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-55  
 All angles measured from core axis. Date November 8, 1983 Date \_\_\_\_\_ Page 1 of 1

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
			- possible fault zone at 7.5m, broken at approx 30° to core axis	30.78	32.31					
				33.83						
				34.75						
	10.8	18.2	ALTERED DACITIC TUFF	36.27						
			- intrusive contact with diorite at approx 30° to core axis	38.40						
			- similar to 1.6 to 2.2, somewhat coarser grained.	39.93						
				41.45						
	18.2	38.0	HORNFELS	42.98		22.9-23.4	20488	0.5	0.034	0.04
			- light to medium grey aphanitic rock, fine to medium grain size visible in places	44.20		29.1-29.6	20489	0.5	0.042	0.04
				45.11		31.3-31.8	20490	0.5	0.028	0.02
				46.02		37.5-38.0	20491	0.05	0.089	0.19
			18.2 to 21.6: zone of quartz/calcite veining with abundant pyrrhotite and lesser amounts of pyrite;	47.44						
			vein brecciation is common; veining is at 60° to 80°	49.07						
			to the core axis	50.60						
				52.12						
				53.69						
			arsenopyrite is present in small veins at 23.0m, 23.3m,	55.17						
			24.5m, 25.4m, from 29.1 to 29.3m, 29.6m, 30.1m,	56.69						
			30.7, from 31.4 to 31.5, 33.6 and from 37.4 to 38.0;							
			all cross at 70° to 90° to the core axis and occur							
			with pyrite in quartz/calcite veins							

Project \_\_\_\_\_ Logged by \_\_\_\_\_ Checked by \_\_\_\_\_ Hole No. 83-R-55  
 Location \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_ Page 2 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot # Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
			- at 34.8 is a 10cm section of grey clay, probably fault gouge, apparently oriented at approx. 60° to the core axis							
			- quartz veins at 46° to the core axis with pyrite occur at 24.6m and 37.0m							
	38.0	56.4	<b>HORNFELS</b>			39.3-39.8	20492	0.5	0.013	0.14
			- similar to 18.2 to 38.0 but somewhat darker in colour almost andesitic in appearance			39.8-40.3	20493	0.5	0.014	0.01
			- large quartz vein, (6cm) bearing arsenopyrite and pyrite occurs at 50° to the core axis at 42.7m			40.3-40.8	20494	0.5	0.032	0.09
			- smaller mineralized veins occur at 39.4, 39.9, 40.1, 40.4, 40.5, 40.7, 42.3, 44.2, 48.2, 51.8, 52.0, 54.2 and 55.8m, these generally decrease in arsenopyrite content with depth			42.0-42.5	20495	0.5	0.010	0.03
						42.5-43.0	20496	0.5	0.040	0.06
						48.0-48.5	20497	0.5	0.172	0.10
	56.4	56.7	<b>ANDESITE</b>							
			- dark grey, probably a dyke,							
			- contains brecciated fragments of hornfels							
			END OF HOLE							

Project \_\_\_\_\_ Logged by \_\_\_\_\_ Checked by \_\_\_\_\_ Hole No. 83-R-55  
 Location \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_ Page 3 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.

Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster M.D. Hole No. 83-R-56 Length 54.9m  
 Commenced November 7, 1983 Completed November 10, 1983 Core Size HQ True Bearing approx 045° (NE) Corr. Dip -55°  
 Lat. 2141.88 Dep. 1037.30 Elev. 109.23 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot # Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	0.0	1.5	NO CORE	0.0						
				3.05						
				4.42						
	1.5	1.9	RUBBLE	5.33						
			"pebble to cobble sized hornfels fragments	6.40						
				7.32						
	1.9	18.3	HORNFELS	8.38		9.6-10.1	20498	0.5	0.001	0.01
			- light to medium grey, aphanitic to fine grained	9.45						
			- tuffaceous appearance in places	10.82						
			- minor disseminated pyrite and pyrrhotite	12.50						
			- minor arsenopyrite and pyrite in stringer at	14.02						
			50° to the core axis at 10.0m	15.54						
			- quartz/calcite veining at approx. 45° to the core axis	17.06						
			occurs from 15.0 to 16.1m	18.59						
				20.11						
	18.3	19.6	DIORITE	21.64						
			- typical dioritic appearance, medium grained	22.86						
			approx. 30% mafics	24.69						
			- upper contact at approx 45° to the core axis	26.82						
				27.43						
				28.96						
				30.48						

NOTE:

All angles measured from core axis.

Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-56  
 Date November 11, 1983 Date \_\_\_\_\_ Page 1 of 2

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	19.6	44.3	HORNFEELS	30.48						
			similar to 1.9 to 18.3	32.00		33.1-33.6	20499	0.5	0.033	0.02
			- silicified fault zone at 22.9m	33.53						
			- arsenopyrite and pyrite along slickensided fractures	35.20						
			at 33.4 to 33.6m, fractures are at 45° to	36.73						
			the core axis.	38.25						
			- soft grey gouge zone at 38.0m	39.32						
			- 3cm thick quartz vein at 39.5m at 70° to the core	39.93						
			axis (barren)	41.45						
			- numerous thin mineralized stringers at 45°	42.98						
			to the core axis from 43.0 to 43.9m	43.89						
			- major section of fault gouge from 44.1 to 44.6m;	44.81						
			very soft grey clay matrix filled with	46.02						
			chips of rock.	47.55						
				47.77						
				50.29						
	44.3	54.9	DIORITE	51.51		46.4-46.9	20500	0.5	0.020	0.02
			- darker in colour than 18.3 to 19.6 and somewhat	52.12		47.8-48.3	20501	0.5	0.169	0.11
			finer grained	53.64		48.3-48.8	20502	0.5	0.001	0.01
			- bleached and mineralized from 48.3 to 48.5m	54.86		48.8-49.3	20503	0.5	0.004	0.01
			and from 48.8 to 49.2m; mineralized veining	e.o.h		49.3-49.8	20504	0.5	0.031	0.02
			is at approx 50° to the core axis							
			- red coated slickensides at 50.5 to 51.5m							
			END OF HOLE							

Project \_\_\_\_\_ Logged by \_\_\_\_\_ Checked by \_\_\_\_\_ Hole No. 81-R-56  
 Location \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_ Page 2 of 2

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC. 

Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster M. D. Hole No. 83-R-57 Length 46.3m  
 Commenced November 11, 1983 Completed November 14, 1983 Core Size HQ True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 2170.31 Dep. 947.13 Elev. 120.54 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	0.0	1.8	NO CORE	0.00- 2.44	1.8					
				3.66						
	1.8	2.4	RUBBLE	5.18						
			- pebble to cobble sized fragments of diorite and breccia	6.71						
				8.23						
	2.6	6.7	BRECCIA	9.75						
			- angular to sub angular fragments from 5mm to 100mm diameter composed of dacite and andesite (mainly tuffaceous) set in a medium to coarse grained dacite tuff matrix	11.28						
				12.80						
				14.02						
				15.24						
			- open spaces are filled with pyrite, quartz and carbonate; pyrite also occurs along fractures	15.85						
				16.76						
			- dacitic tuff from 4.2 -4.9m	18.59						
				20.12						
	6.7	10.3	HORNFELS	21.34		6.9-7.4	20505	0.5	0.001	0.11
			- light to medium grey, aphanitic to fine grained	22.86		7.4-7.9	20906	0.5	0.027	0.03
			- tuffaceous appearance in places	24.38		7.9-8.4	20507	0.5	0.010	0.05
			- largely bleached and cut by veins at approx. 80° to the core axis; the veins are quartz/carbonate	25.91		8.4-8.9	20508	0.5	0.013	0.02
				27.43		8.9-9.4	20509	0.5	0.062	0.06
			with abundant arsenopyrite and pyrite	28.65		9.4-9.9	20510	0.5	0.420	1.52
			- mineralized from 6.9-9.9m	30.18						

NOTE: All angles measured from core axis. Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-57  
 Date November 15, 1983 Date \_\_\_\_\_ Page 1 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot 8 Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	10.3	11.4	BRECCIA	30.18						
			- similar to 2.4 - 6.7	31.70						
				33.2						
				34.35						
	11.4	13.9	ALTERED DACITIC TUFF	36.27						
			- medium to coarse grained tuff, partially altered to	37.80						
			hornfels facies	39.32						
			- pyrite disseminated throughout and coating	40.84						
			fracture surfaces	42.37						
				43.89						
	13.9	16.3	BRECCIA	45.42						
			- similar to 2.4-6.7	46.33						
			- partially altered to hornfels facies							
	16.3	18.2	ALTERED DACITIC TUFF							
			- similar to 11.4 - 13.9m							
	18.2	21.1	BRECCIA							
			- similar to 2.4-6.7m							
			- cut by black dyke, with abundant disseminated							
			pyrite at 18.6m, dyke is approx 10cm thick with							
			contacts at 70° to the core axis							
			- altered to hornfels from 20.1-20.3m							
	21.2	22.3	ALTERED DACITIC TUFF							
			- similar to 11.4-13.9m							

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-57  
 Location \_\_\_\_\_ Date November 15, 1983 Date \_\_\_\_\_ Page 2 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	22.3	31.7	BRECCIA			24.1-24.6	20511	0.5	0.012	0.05
			- similar to 2.4-6.7m							
			- dacitic tuff sections from 22.6-23.2m and from 23.6-23.9			29.5-30.0	20512	0.5	0.023	0.03
			- bleached and mineralized with arsenopyrite and pyrite in quartz/carbonate stringers at 24.2, 24.5 and 29.4m							
	31.7	34.9	ALTERED DACITIC TUFF							
			- similar to 11.4-13.9 m							
			- altered to hornfels from 34.2-34.9							
						34.1-35.1	20513	1.0	0.008	0.02
	34.9	46.3	BRECCIA			35.1-36.1	20514	1.0	0.009	0.07
			- similar to 2.4-6.7m							
			- altered to hornfels (bleached) from 34.9-36.3 and from 37.1-37.9 with quartz/carbonate stringers with minor mineralization			37.1-38.1	20515	1.0	0.001	0.04
			- fault gouge occurs at 37.5m							
			- altered dacitic tuff from 39.7-40.5m; mottled looking (amygdular)							
			END OF HOLE							

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-57  
 Location \_\_\_\_\_ Date November 15, 1983 Date \_\_\_\_\_ Page 3 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Property NAGY CLAYM GROUP Location Harrison Lake, B. C. District New Westminster M. D. Hole No. 83-R-58 Length 31.1m  
 Commenced November 14, 1983 Completed November 16, 1983 Core Size HQ True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 2154.65 Dep. 937.89 Elev. 122.47 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	0.0	2.4	NO CORE	0.00- 4.27	2.4					
				6.10						
	2.4	4.3	RUBBLE	7.62						
			- pebble to boulder sized fragments of dacitic tuffs and breccias	9.14						
			- some fragments have been bleached to hornfels facies	10.67						
				12.19						
				13.71						
				15.24						
	4.3	19.4	BRECCIA	16.76		7.9-8.4	20516	0.5	0.007	0.01
			- angular to subangular fragments from 5mm to 100+ mm in diameter, composed of andesite and dacite set in a tuffaceous dacite matrix	18.29		8.4-9.4	20517	1.0	0.017	0.12
				19.81		9.4-10.4	20518	1.0	0.010	0.02
			- open spaces are filled with quartz/carbonate and pyrite	21.34		10.4-11.4	20519	1.0	0.001	0.01
				23.77		11.4-11.9	20520	0.5	0.003	0.03
				25.30		11.9-21.9	20521	1.0	0.052	1.18
			- rock is bleached and altered to hornfels with quartz/carbonate veins carrying arsenopyrite and pyrite from 7.9-9.9m, 11.0-13.9m and 15.8	26.82		12.9-13.9	20522	1.0	0.036	0.03
				28.35		13.9-14.9	20523	1.0	0.020	0.01
				29.87						
			- to 16.8m with scattered small sections between them - veining is at 70° to the core axis	31.09		15.8-16.8	20524	1.0	0.041	0.01

NOTE: Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-58  
 All angles measured from core axis. Date November 17, 1983 Date \_\_\_\_\_ Page 1 of 2

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS			
	from	to		run	short				Au-oz/ton	Ag-oz/ton		
	19.4	22.4	ALTERED DACITIC TUFF			21.8-22.8	20525	1.0	0.069	3.54		
			- medium to coarse grained dacitic tuff, medium to dark grey, partially altered to hornfels facies			23.8-24.3	20526	0.5	0.030	0.10		
			- pyrite finely disseminated throughout and coating fractures									
			- bleached and altered to hornfels facies with arsenopyrite and pyrite in quartz/carbonate veins from 21.8-22.2m									
	22.4	29.5	BRECCIA									
			- similar to 4.3-19.4m									
			- bleached and veined from 23.9-24.2									
			- contact with altered dacitic tuff (above) is obscured by the alteration									
	29.5	31.0	ALTERED ANDESITE (TUFF)									
			- medium to dark grey, fine grained to medium grained in places, mainly aphanitic									
			- similar to 19.4-22.4m									
	31.0	31.1	BRECCIA									
			- similar to 4.3-19.4									
			END OF HOLE									

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-58  
 Location \_\_\_\_\_ Date November 17, 1983 Date \_\_\_\_\_ Page 2 of 2

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.

Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster H. D. Hole No. 83-R-59 Length 34.1m  
 Commenced November 17, 1983 Completed November 18, 1983 Core Size HQ True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 2168.96 Dep. 920.96 Elev. 123.70 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Color Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot # Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	0.0	0.8	NO CORE	0.00 1.83	0.8					
				3.66	0.2					
	0.8	3.7	HORNFELS	5.79	0.1					
			- medium to dark grey, fine grained to aphanitic	7.92						
				9.45						
			- mottled looking in places (altered medium grained tuff)	10.97						
				12.50						
			- core is broken and weathered, especially near lower contact	14.02						
				15.54						
				17.07						
	3.7	12.5	ANDESITE (PORPHYRITIC)	17.98		4.5-5.0	20527	0.5	0.002	0.01
			- dark grey, fine grained with white phenocrysts	19.51		5.0-5.5	20528	0.5	0.001	0.01
			up to 3mm across	21.03		5.5-6.0	20529	0.5	0.061	0.24
			- phenocryst size and density increases	22.56		6.0-6.5	20530	0.5	0.002	0.01
			with depth	23.77		6.5-7.0	20531	0.5	0.143	0.23
			- looks tuffaceous in places	25.30		7.0-7.5	20532	0.5	0.030	0.04
			- bleached and mineralized with arsenopyrite (pyrite	26.52						
			in veins between 4.8-7.2m; veins are	28.04						
			at 4.8, 5.0, 5.6-5.8, 6.1 and 6.5-7.2m; the	29.57						
			most massive section is at 5.7m	31.09						
			- pyrite disseminated throughout and filling open spaces	32.61						

NOTE:

Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-59  
 All angles measured from core axis. Date November 22, 1983 Date \_\_\_\_\_ Page 1 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot # Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	12.5	13.1	ANDESITE DYKE - medium grey, fine grained to aphanitic - minor pyrite along fractures - contacts @ 50° to the core axis	32.61	34.14					
	13.1	14.0	ANDESITE (PORPHYRITIC) - similar to 3.7-12.5m - relatively few phenocrysts							
	14.0	18.7	BRECCIA - angular to subangular fragments of dacite, andesite and granitic rock in a dacite matrix; - fragments range from 5mm to 10cm in size - open spaces are filled with pyrite and quartz - mottled in places - cream, pink and green alteration at 16.5m							
	18.7	23.0	INTRUSIVE (DYKE) - dark to medium grey dyke rock of andesitic to dacitic composition; darker in colour near contacts - pyrite along fracture surfaces - contacts are indistinct							
	23.0	34.1	BRECCIA - similar to 14.0-18.7m - scattered bleaching and veining occurs from 25.2 to 29.2m			25.2-25.7 15.7-26.2 26.2-26.7	20533 20534 20535	0.5 0.05 0.5	0.039 0.002 0.001	0.02 0.01 0.01

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-59  
 Location \_\_\_\_\_ Date November 22, 1983 Date \_\_\_\_\_ Page 2 of 3



# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster M.D. Hole No. 83-R-60 Length 31.1m  
 Commenced November 19, 1983 Completed November 20, 1983 Core Size HQ True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 2184.22 Dep. 934.29 Elev. 122.61 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	0.00	1.2	NO CORE	0.00- 3.66	1.2					
				5.18						
	1.2	3.7	HORNFELS	6.71						
			- altered tuff and volcanic breccia	8.23						
			- mottled and bleached in places	9.75						
			- at 3.3m there is a 2cm wide band of	11.28						
			green/pink alteration at 25° to the core axis	12.80						
				14.33						
	3.7	16.8	BRECCIA	15.85						
			- angular to subangular fragments of dacite,	17.07						
			andesite and granitic rock in a dacite	18.90						
			matrix	20.42						
			- fragment size varies from 3mm to 12cm	21.99						
			- open spaces are filled with pyrite and quartz	23.47						
			- largely altered to hornfels facies; mottled in	24.99						
			appearance	26.52						
				28.04						
			- dacitic tuff layers from 5.3-5.8m and	29.57						
			5.9-6.3m	31.09						
			- light grey hornfels (calc-silicate) from 10.2-10.3m							

NOTE: Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-60  
 All angles measured from core axis. Date November 23, 1983 Date \_\_\_\_\_ Page 1 of 2

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	16.8	19.3	HORNFELS			17.0-17.5	20542	0.5	0.049	0.18
			- light to medium grey, mottled and bleached			17.5-18.0	20543	0.5	0.001	0.05
			- arsenopyrite and pyrite occur in a brecciated quartz/carbonate vein from 17.2-17.4m			18.0-18.5	20544	0.5	0.001	0.04
			- pink & green alteration at 19.2m							
	19.3	19.8	DACITIC TUFF (BROKEN)							
			- medium grey, medium grained tuff							
			- highly broken into angular rubble							
	19.8	31.1	BRECCIA			25.5-26.0	20545	0.5	0.030	0.14
			- similar to 3.7-16.8m			27.4-27.9	20546	0.5	0.001	0.02
			- bleached to hornfels at 25.6-25.9, 27.4-27.5			28.2-28.7	20547	0.5	0.001	0.01
			27.7, 27.8 and 28.3 to 28.5m							
			END OF HOLE							

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-60  
 Location \_\_\_\_\_ Date November 23, 1983 Date \_\_\_\_\_ Page 2 of 2

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster M.D. Hole No. 83-R-61 Length 39.6m  
 Commenced November 21, 1983 Completed November 23, 1983 Core Size HQ True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 2185.02 Dep. 907.52 Elev. 127.68 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Color Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot & Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	0	1.2	NO CORE	0.05	1.2					
				4.57	-					
	1.2	2.3	RUBBLE	6.10						
			- pebble to cobble sized pieces of altered volcanics	7.62						
			and volcanic breccia	9.14						
				10.67						
	2.3	17.8	ANDESITE (PORPHYRITIC)	12.19		14.6-15.1	20548	0.05	0.031	0.45
			- dark grey, fine grained with white phenocrysts	13.72		15.1-15.6	20549	0.05	0.002	0.01
			up to 3mm across	15.24						
			- altered to hornfels facies down to approximately	16.76						
			5.5m (gradational contact)	18.29						
			- bleached to hornfels facies and mineralized	19.81						
			from 14.6 to 15.2m	21.34						
				22.86						
	17.8	19.4	BRECCIA	23.47						
			- angular to subangular fragments of volcanic	24.99						
			and dioritic rock in a volcanic matrix	26.52						
			- largely altered to hornfels facies	27.74						
			- pyrite fills open spaces	29.57						
				31.09						
				32.61						

NOTE:

All angles measured from core axis.

Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-61  
 Date November 25, 1983 Date \_\_\_\_\_ Page 1 of 2

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	19.4	22.7	DIORITE (XENOLITHIC) - typical dioritic appearance with occasional large xenoliths of altered volcanic rock - partially altered and silicified	32.61- 35.05						
				36.58						
				38.10						
				39.62						
	22.7	28.5	BRECCIA - similar to 17.8 to 19.4m - small mineralized vein at 26.9m			26.72-27.2	20550	0.5	0.004	0.01
	28.5	29.9	DIORITE - similar to 19.4 - 22.7 - no xenoliths							
	29.9	33.6	HORNFELS - dark grey altered breccias and volcanics - silicified and cross cut by numerous silicic stringers			31.4-31.9	20551	0.5	0.001	0.01
						31.9-32.4	20552	0.5	0.002	0.01
						32.4-32.7	20553	0.5	0.017	0.03
						31.9-33.4	20554	0.5	0.002	0.01
						33.4-33.9	20555	0.05	0.002	0.01
	33.6	39.6	BRECCIA - similar to 17.8-19.4m							
			END OF HOLE							

Project \_\_\_\_\_ Logged by \_\_\_\_\_ Checked by \_\_\_\_\_ Hole No. 83-R-61  
 Location \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_ Page 2 of 2

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC. 

Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster M.D. Hole No. 83-R-62 Length 61.0m  
 Commenced November 24, 1983 Completed November 28, 1983 Core Size HQ True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 2211.053 Dep. 911.490 Elev. 122.03 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	0.0	1.3	NO CORE	0.0- 2.13	1.3					
				3.66						
	1.3	5.9	RUBBLE AND BROKEN CORE	5.49						
			- pebble to boulder size fragments of breccia and volcanic tuff with occasional pieces of altered diorite	6.40						
				8.23						
				9.73						
				11.28						
	5.9	7.4	ALTERED DACITIC TUFF	13.72						
			- medium grey, medium grained tuff partially silicified and altered to hornfels facies	15.24						
			- disseminated pyrite	16.76						
				18.29						
				19.81						
	7.4	8.7	BRECCIA	21.34						
			- angular to subangular fragments of volcanic and dioritic rock set in a dacitic matrix	22.86						
			- partially altered to hornfels facies	24.38						
			- open space filling by pyrite	25.91						
				27.43						
				28.35						
	8.7	9.8	ALTERED DACITIC TUFF	29.57						
			- similar to 5.9-7.4m but is somewhat more silicified	31.09						
				32.31						

NOTE: Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-62  
 All angles measured from core axis. Date November 30, 1983 Date \_\_\_\_\_ Page 1 of 4

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot # Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	9.8	20.8	BRECCIA	32.31-		18.6-19.1	20556	0.5	0.001	0.01
			- similar to 7.4-8.7m	33.22						
			- core is bleached and mineralized with pyrite and arsenopyrite in gouge (?) at 19.5m	34.14		19.1-19.6	10557	0.5	0.026	0.01
				35.66		19.6-20.1	20558	0.05	0.001	0.01
				36.27						
				37.80						
	20.8	21.2	ANDESITE (DYKE?)	39.62						
			- dark grey massive fine grained rock	41.15						
			- cross cut by silicified fractures	42.67						
			- contacts at approx. 90° to core axis	44.20						
	21.2	22.8	ALTERED BRECCIA	45.72						
			- similar to 7.4-8.7m but much more altered	47.24						
			- making fragment boundaries indistinct	48.77						
				50.29						
	22.8	24.0	BRECCIA	51.82						
			- similar to 7.4-8.7m	53.34						
				54.86						
	24.0	24.7	ALTERED DACITIC TUFF	56.39						
			- similar to 5.9-7.4m	57.91						
			- core is very broken and rubbley	59.44						
				60.96						

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-62  
 Location \_\_\_\_\_ Date November 30, 1983 Date \_\_\_\_\_ Page 2 of 4

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	24.7	24.9	ANDESITE (DYKE?) - similar to 20.8-21.2m - contacts at approx. 90° to core axis							
	24.9	30.7	ALTERED BRECCIA - similar to 21.2-22.8m							
	20.7	31.6	ALTERED DACITIC TUFF - similar to 5.9-7.4m							
	31.6	39.2	ALTERED BRECCIA - similar to 21.2-22.8m - bleached from 33.6-33.8 and from 35.7-36.3m with scattered short bleached sections			33.4-33.9 35.7-36.2 36.2-36.7 36.7-37.2	20559 20560 20561 20562	0.5 0.0 0.5 0.5	0.001 0.003 0.002 0.002	0.01 0.01 0.01 0.01
	39.2	40.3	ALTERED DACITIC TUFF - similar to 5.9-7.4 but texture is more obscured							

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-8-62  
 Location \_\_\_\_\_ Date November 30, 1983 Date \_\_\_\_\_ Page 3 of 4

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	40.3	49.1	ALTERED BRECCIA - similar to 21.2-22.8m - minor epidote replacement of fragments							
	49.1	53.7	ALTERED DACITIC TUFF (COARSE) - coarse grained tuff, almost dioritic in appearance due to obscured grain edges. - breccia from 50.2-50.5m							
	53.7	56.2	ALTERED BRECCIA - similar to 21.2-22.8							
	56.2	57.2	ANDESITE (DYKE) - similar to 20.8-21.2 - contacts at approx. 70° to the core axis							
	57.2	61.0	ALTERED BRECCIA - similar to 21.2-22.8							
			END OF HOLE							

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-62  
 Location \_\_\_\_\_ Date November 30, 1983 Date \_\_\_\_\_ Page 4 of 4

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC. 

Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster Hole No. 83-R-63 Length 40.2m  
 Commenced November 28, 1983 Completed November 30, 1983 Core Size HQ True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 2170.522 Dep. 934.828 Elev. 120.518 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	0.0	0.9	NO CORE	0.0- 2.13	0.9					
				3.66						
	0.9	1.6	RUBBLE	5.18						
			- pebble to cobble sized fragments of breccia	6.40						
				8.84						
	1.6	5.3	BRECCIA	10.36						
			- angular to subangular fragments up to 8 cm	11.28						
			across of volcanic rock set in a tuffaceous	12.80						
			matrix	14.33						
			- open spaces filled with pyrite and quartz	15.85						
				17.68						
	5.3	7.6	DACITIC TUFF (ALTERED)	18.59						
			- medium to dark grey, mottled looking rock	20.12						
			- originally a medium to coarse grained tuff	21.64						
			-disseminated pyrite	22.86						
				24.38						
	7.6	8.9	HORNPELS (MINERALIZED)	25.91		7.5-8.0	20563	0.5	0.003	0.03
			- light to medium grey bleached and silicified	27.43		8.0-8.5	20564	0.5	0.315	0.54
			rock	28.96		8.5-9.0	20565	0.5	0.131	0.13
			- arsenopyrite and pyrite mineralization occurs	20.48						
			in scattered bands throughout	32.00						

NOTE: Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-63  
 All angles measured from core axis. Date December 1, 1983 Date \_\_\_\_\_ Page 1 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Ag-oz/ton	Ag-oz/ton
	8.9	11.4	DACITIC TUFF (ALTERED)	32.0-						
			- similar to 5.3-7.6m	33.53						
			- breccia from 8.9-9.0m	34.75						
				35.97						
				37.49						
	11.4	13.2	BRECCIA	39.01						
			- similar to 1.6-5.3m	40.23						
	13.2	17.6	DACITIC TUFF (ALTERED)							
			- similar to 5.3-7.6m							
	17.6	19.1	C.G. DACITIC TUFF (ALTERED)							
			- similar to 5.3-7.6m but grains are larger							
			(up to 2mm)							
	19.1	20.1	BRECCIA							
			- similar to 1.6-5.3m							
	20.1	21.4	DACITIC TUFF (ALTERED)							
			- similar to 5.3-7.6m							

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-63  
 Location \_\_\_\_\_ Date December 1, 1983 Date \_\_\_\_\_ Page 2 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot # Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	21.4	23.6	HORNFELS - highly altered medium and coarse grained tuffs - light grey colour, bleached and silicified - fault gouge zone from 21.4-21.5m							
	23.6	40.2	BRECCIA - similar to 1.6-5.3m - contains scattered bleached stringer zones throughout, the widest are from 26.3 - 26.9 and from 37.4-37.8m - epidote is present with pyrite at 39.2m			26.0-26.5 26.5-27.0 34.8-25.3 37.3-37.8	20566 20567 20568 20569	0.5 0.5 0.5 0.5	0.016 0.005 0.006 0.002	0.05 0.04 0.01 0.01
			END OF HOLE							

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-63  
 Location \_\_\_\_\_ Date December 1, 1983 Date \_\_\_\_\_ Page 3 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC. 

Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster Hole No. 83-R-64 Length 30.5m  
 Commenced December 1, 1983 Completed December 2, 1983 Core Size HQ True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 2198.619 Dep. 922.589 Elev. 121.378 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	0.0	2.0	NO CORE	0.0-2.44	2.0					
				3.96						
	2.0	2.4	RUBBLE	5.03						
			- pebble to cobble sized fragments of	6.40						
			volcaniclastic rock	7.92						
				8.84						
	2.4	3.8	BRECCIA	10.36						
			- subangular to angular fragments of andesitic	11.43						
			and dacitic volcanics set in a dacitic matrix	12.80						
			- partially silicified and altered to hornfels	14.32						
			facies	15.85						
			- pyrite and quartz fill open spaces	17.37						
				18.90						
	3.8	4.5	ANDESITE (PORPHYRITIC)	20.42						
			- massive, dark grey rock with white	21.64						
			phenocrysts up to 2mm across	22.86						
			- possible dyke; contacts are at approx. 90° to core axis	24.38						
			but are not distinct	25.91						
				27.43						
				28.96						
				30.48						

NOTE: Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-64  
 All angles measured from core axis. Date December 6, 1983 Date \_\_\_\_\_ Page 1 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot # Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	4.5	8.3	BRECCIA - similar to 2.4-3.8m - fault gouge at 6.0m; approx 45° to core axis							
	8.3	9.2	DACITIC TUFF - medium grey, medium to coarse grained tuff - partially silicified and chloritized - pyrite concentrated along fractures							
	9.2	20.0	BRECCIA - similar to 2.4-3.8m with occasional sections of dacite tuff - bleached and veined at 18.3 and 18.8m; no visible arsenopyrite			18.0-18.5 18.5-19.0	20570 20571	0.5 0.5	0.002 0.001	0.01 0.01
	10.0	21.4	DACITIC TUFF - similar to 8.3-9.2m but somewhat less altered and is coarser grained on average							
	21.4	22.0	BRECCIA - similar to 2.4-3.8m							

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-64  
 Location \_\_\_\_\_ Date December 6/7 Date \_\_\_\_\_ Page 2 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot # Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Pu-oz/ton	Ag-oz/ton
	22.0	22.6	ANDESITE ( PORPHYRITIC) - similar to 3.8-4.5m							
	22.6	27.8	BRECCIA - similar to 2.4-3.8m - bleached and veined at 25.1 and 25.4m			25.0-25.5	20572	0.5	0.007	0.01
	27.8	28.2	ANDESITE - massive, dark grey rock - occasional silicified and pyritized fractures - contacts at approx 50° to core axis							
	28.2	30.5	BRECCIA - similar to 2.4-3.8m - 10cm band of calc-silicate hornfels at 28.5m							
			END OF HOLE							

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-64  
 Location \_\_\_\_\_ Date December 6/7, 1983 Date \_\_\_\_\_ Page 3 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.

Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster M.D. Hole No. 83-R-65 Length 34.1  
 Commenced December 3, 1983 Completed December 4, 1983 Core Size HQ True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 2184.500 Dep. 949.735 Elev. 117.338 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	0.0	1.9	NO CORE	0.0- 2.59	1.9					
				3.35	0.5					
	1.9	3.6	RUBBLE	4.57	0.2	3.0-3.5	20573	0.5	0.056	0.09
			- pebble to cobble sized fragments of volcanic and dioritic rock	5.49	0.1					
				6.71						
				8.23						
	3.6	4.0	HORNFELS (MINERALIZED)	8.44- 9.75		3.5-4.0	20574	0.5	0.530	1.84
			- bleached and silicified rock with abundant arsenopyrite and pyrite	11.28						
			- 5 cm thick section of massive sulphides at 3.8m oriented at 50° to the core axis	12.80						
				14.33						
				15.85						
				17.37						
	4.0	5.0	RUBBLE	18.90		4.0-4.5	20575	0.5	0.011	0.15
			- similar to 1.9-3.6m but all volcanics	20.42		4.5-5.0	20576	0.5	0.002	0.01
			- occasional bleached fragments	21.95						
				23.47						
	5.0	5.3	VOLCANICLASTIC (ALTERED)	24.99		5.0-5.5	20577	0.5	0.002	0.01
			- mixed volcanic breccias and tuffs mainly altered to hornfels facies	26.52						
			- pyrite fills open spaces and coats fractures	28.04						
				29.57						
				31.09						

NOTE: All angles measured from core axis. Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-65  
 Date December 7, 1983 Date \_\_\_\_\_ Page 1 of 2

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC. 

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	5.3	5.5	RUBBLE - similar to 4.0-5.0m	31.09- 32.61						
	5.5	6.1	DACITIC TUFF (ALTERED) - massive, dark grey mottled looking rock - largely bleached and silicified - bleached bands are at 50° to the core axis			5.5-6.0	20578	0.5	0.016	0.03
	6.1	21.3	VOLCANICLASTICS (ALTERED) - similar to 5.0-5.3m - mainly volcanic breccia - bleached from 8.7-9.8m			6.0-6.5 8.3-8.8 8.8-9.3 9.3-9.8	20579 20580 20581 20582	0.5 0.5 0.5 0.5	0.003 0.002 0.001 0.063	0.01 0.02 0.01 0.12
	21.3	21.6	ANDESITE (PORPHYRITIC) - massive, dark grey rock with phenocrysts up to 2mm across - minor disseminated pyrite							
	21.6	34.1	VOLCANICLASTICS (ALTERED) - similar to 5.0-5.3m - primarily all volcanic breccia - bleached and mineralized at 23.2m from 24.5-25.1 and at 31.6m			22.9-23.4 24.5-25.0 25.0-25.5 31.3-31.8	20583 20584 20585 20586	0.5 0.5 0.5 0.5	0.038 0.107 0.002 0.108	0.13 0.50 0.02 0.29
			END OF HOLE							

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-65  
 Location \_\_\_\_\_ Date December 7, 1983 Date \_\_\_\_\_ Page 2 of 2

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC. 

Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster M.D. Hole No. 83-R-66 Length 34.1m  
 Commenced December 5, 1983 Completed December 7, 1983 Core Size 110 True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 2156.102 Dep. 924.354 Elev. 121.268 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot #	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	Dips	from		to	run				short	Au-oz/ton
		0.0	1.8	NO CORE	0.00-2.13	1.8				
		1.8	2.2	RUBBLE	4.27	0.6				
				- pebble to cobble sized fragments of volcanoclastic rock	4.88					
					6.40					
					7.32					
					8.84					
		2.2	4.8	BRECCIA	9.75					
				- subangular to angular fragments of volcanic	11.28					
				rock set in a tuffaceous matrix	12.19	0.2				
				- largely altered to hornfels facies	12.80					
				- open spaces filled by pyrite	14.33					
					15.85					
		4.8	11.3	DACITIC TUFF (ALTERED)	17.37		5.3-5.8	20587	0.5	0.074 0.13
				- medium to dark grey, medium grained	18.90		5.8-6.3	20588	0.5	0.011 0.05
				- grains are often obscured by the alteration	20.42					
				(hornfels facies)	21.34		8.8-9.3	20589	0.5	0.003 0.01
				- pyrite disseminated and in open spaces	21.95		9.3-9.8	20590	0.5	0.004 0.03
				- heavily altered and veined from 5.3-5.7m	23.47					
				- bleached and veined at 9.5 and 10.7m	24.99		10.5-11.0	20591	0.5	0.001 0.01
					25.91					
					27.13					

NOTE: Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-66  
 All angles measured from core axis. Date December 8, 1983 Date \_\_\_\_\_ Page 1 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot # Dips	DEPTH		DESCRIPTION	RECOVERY		Sample interval	Sample No.	Length	ANALYSIS		
	from	to		run	short				Au-oz/ton	Ag-oz/ton	
	11.3	13.0	BRECCIA	27.13		11.9-12.4	20592	0.5	0.003	0.01	
			- similar to 2.2-4.8m	28.04		12.4-12.9	20593	0.5	0.022	0.05	
			- bleached and veined at 12.3m and 12.7m	29.57							
			- broken to rubble from 11.3-11.9m	31.09							
				31.00							
				33.22							
	13.0	14.9	DACITIC TUFF (ALTERED)	34.14		14.4-14.9	20594	0.5	0.002	0.02	
			- similar to 4.8-11.3m								
			- bleached and veined at 14.6m								
	14.9	19.5	BRECCIA								
			- similar to 2.2-4.8m								
	19.5	22.0	DACITIC TUFF (ALTERED)								
			- similar to 4.8-11.3m but somewhat								
			lighter in colour (more bleached)								
	22.0	30.0	BRECCIA			27.2-27.7	20595	0.5	0.016	0.01	
			- similar to 2.2-4.8m								
			- bleached and veined from 27.3-27.7m								

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-66  
 Location \_\_\_\_\_ Date December 8, 1983 Date \_\_\_\_\_ Page 2 of 3



# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Property NAGY CLATH GROUP Location Harrison Lake, B. C. District New Westminster Hole No. 83-R-67 Length 36.3m  
 Commenced December 9, 1983 Completed December 10, 1983 Core Size HQ True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 2149.418 Dep. 954.086 Elev. 121.569 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	0.0	1.0	NO CORE	0.00 1.83	1.0					
				3.35						
				4.57						
	1.0	1.8	RUBBLE	5.79 6.71	0.2					
			- pebble to cobble sized fragments of volcanic tuffs and breccias	7.92	0.2					
				8.84						
				9.95	0.1					
	1.8	3.2	DACITIC TUFF (ALTERED)	10.97						
			- medium grey, medium to coarse grained tuffs; partially altered to hornfels facies	12.50						
			- pyrite disseminated throughout	14.02						
				15.54						
				17.07						
				18.59						
	3.2	6.8	BRECCIA	20.12						
			- subangular to angular fragments of dacitic and andesitic volcanics set in a dacitic matrix	21.64						
			- average fragment size of 3cm, with sizes ranging from 0.5cm to 10cm	23.32						
			- pyrite and quartz are both found filling open spaces - partially altered to hornfels facies	24.84						
				26.37						
				28.04						
				29.57						
				31.09						

NOTE: All angles measured from core axis. Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-67  
 Date December 14, 1983 Date \_\_\_\_\_ Page 1 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
			- core is highly broken down to 4.6m	31.09-						
				33.22						
				34.19						
	6.8	9.8	HORNPELS	35.66		8.1-8.6	20596	0.5	0.001	0.01
			- light grey, fine grained, bleached and silicified rock	36.27		9.4-9.9	20597	0.5	0.001	0.01
			- occasional silicified sections of dacitic tuff							
			- fault gouge at 8.2m and 9.7m							
	9.8	13.0	BRECCIA							
			- similar to 3.2-6.8m							
	13.0	13.2	DACITIC TUFF (ALTERED)							
			- similar to 1.8-3.2m but somewhat darker in colour							
	13.2	24.8	BRECCIA			14.1-14.6	20598	0.5	0.001	0.01
			- similar to 3.2-6.8m			14.6-15.1	20599	0.5	0.007	0.01
			- crossed by dykelets of andesite between 14.0 and 15.2m			15.1-15.6	20600	0.5	0.002	0.01
						15.6-16.1	20601	0.5	0.001	0.01
			- bleached and silicified at 14.5m, from 15.3 to 15.9 and 16.4-16.6m, at 17.0m, from 17.8-18.1m, 18.8-19.1m, 19.4-20.2m, 20.7 - 21.6m			16.1-16.6	20602	0.5	0.029	0.01
						16.6-17.1	20633	0.5	0.001	0.01
						17.1-17.6	20603	0.5	0.001	0.01
						17.6-18.1	20604	0.5	0.019	0.01
						18.1-18.6	20605	0.5	0.001	0.01
			- arsenopyrite and pyrite mineralization present at 14.4m, 16.4m, 20.0m and 23.2m;			18.6-19.1	20606	0.5	0.001	0.01
						19.1-19.6	20607	0.5	0.001	0.01

Project \_\_\_\_\_ Logged by S. Coombes \_\_\_\_\_ Checked by \_\_\_\_\_ Hole No. 83-R-67  
 Location \_\_\_\_\_ Date December 14, 1983 \_\_\_\_\_ Date \_\_\_\_\_ Page 2 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Port #	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Sample Length	No. of Tests/No. of Tests	ANALYSIS
	From	To		Run	Short					
			in all cases mineralization accompanies quartz in veins			19.6-20.1	20608	0.5	0.053	0.17
			- the thickest intersection is at 16.4m and is 10cm thick running at 50° to the core axis			23.0-23.5	20610	0.5	0.001	0.01
			core axis			24.0-24.5	20612	0.5	0.001	0.01
						24.5-25.0	20634	0.5	0.001	0.06
24.8	28.2		HORNPELS			25.0-25.5	20613	0.5	0.020	0.05
			- similar to 6.8-9.8m			25.5-26.0	20614	0.5	0.011	0.02
			- arsenopyrite and pyrite in a quartz/carbonate vein occurs at 25.5m at 45° to the core axis and at 26.8m at 90° to the core axis			26.0-26.5	20615	0.5	0.001	0.01
						26.5-27.0	20616	0.5	0.369	0.83
28.2	33.8		DAKITIC TURF (ALTERED)							
			- similar to 1.8-3.2m							
33.8	34.8		BRECCIA							
			- similar to 3.2-6.8m							
34.8	36.3		DAKITIC TURF (ALTERED)							
			- similar to 1.8-3.2m, but somewhat darker from 35.8m on							
			END OF HOLE							

Project

Logged by S. Gomez

Checked by

File No. 83-B-67

Date December 14, 1983

Date

Page 3 of 3

Location

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster M.D. Hole No. 83-R-68 Length 42.7m  
 Commenced December 11, 1983 Completed December 13, 1983 Core Size HQ True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 2117.761 Dep. 994.348 Elev. 121.08 Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot #	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	Dips	from		to	run				short	Au-oz/ton
		0.0	1.4	NO CORE	0.00-1.83	1.4				
					3.96	0.2				
					5.49					
		1.4	2.1	RUBBLE	6.70					
				- pebble to cobble sized pieces of fragmental volcanic rock	8.23					
					9.75					
					10.67					
		2.1	8.5	FRAGMENTAL VOLCANICS (ALTERED)	12.19					
				- mottled, light to medium grey	12.80					
				- rock is silicified and altered to hornfels facies	14.32					
				- the original rock was a combination of volcanic breccias and medium to coarse grained tuffs	15.54					
					16.76					
				- pyrite disseminated throughout and filling open spaces	17.67					
					18.90					
				- fault gouge occurs at 8.0m and 8.6m	19.81					
					21.33					
					21.95					
		8.5	12.4	HORNFELS	23.47	12.10	12.6	20617	0.5	0.001 0.01
				- mottled, light to medium grey	24.99					
				- similar to 2.1-8.5m, but original rock textures are obscure	26.52					
					28.04					

NOTE: Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-68  
 All angles measured from core axis. Date December 15, 1983 Date \_\_\_\_\_ Page 1 of 3

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	12.4	16.0	DACITIC TUFF (ALTERED)	28.04-	30.17					
			- medium to dark grey, medium grained with	31.09						
			pyrite disseminated throughout	32.92						
			- partially altered hornfels facies	33.68						
				35.20						
	16.0	18.6	BRECCIA	36.73						
			- subangular to angular fragments of	38.25						
			fragmental volcanics ranging in size	39.32						
			from 0.5cm to 5cm	40.23						
			- largely altered to hornfels facies	41.15						
			- pyrite disseminated and filling open spaces	42.67						
			- fault gouge at 17.7m							
	18.6	20.0	COARSE GRAINED DACITIC TUFF (ALTERED)							
			- similar to 12.4-16.0m but coarser grained							
	20.0	20.7	BRECCIA							
			- similar to 16.0-18.6m							
	20.7	32.7	HORNFELS (MINERALIZED)			20.7-21.7	20618	1.0	0.041	0.01
			- bleached and silicified, volcanoclastic rock			21.7-22.7	20619	1.0	0.113	0.47
			cut by stringers of quartz/carbonate with			22.7-23.7	20620	1.0	0.012	0.20
			accompanying pyrite and arsenopyrite			23.7-25.7	20621	1.0	0.018	0.01
			- fault gouge at 23.4m, 30.6m and 32.3m			24.7-25.7	20622	1.0	0.105	0.13

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-68  
 Location \_\_\_\_\_ Date December 15, 1983 Date \_\_\_\_\_ Page 2 of 3



# DRILL HOLE RECORD

RHYOLITE RESOURCES INC. 

Property NAGY CLAIM GROUP Location Harrison Lake, B. C. District New Westminster Hole No. 83-R-70 Length 48.5m  
 Commenced December 17, 1983 Completed December 20, 1983 Core Size HQ True Bearing \_\_\_\_\_ Corr. Dip -90°  
 Lat. 1933.981 Dep. 1311.846 Elev. 37.31 m Hor. Comp. \_\_\_\_\_ Vert. Comp. \_\_\_\_\_  
 % Recovery \_\_\_\_\_ Collar Dip \_\_\_\_\_ Date \_\_\_\_\_ Objective \_\_\_\_\_

Colour Plot # Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS		
	From	to		run	short				Au-oz/ton	Ag-oz/ton	
	0.0	2.0	NO CORE	0.00- 2.44	2.0						
				3.66							
	2.0	2.6	RIBBLE	5.18							
			- pebble to cobble sized fragments of highly silicified andesite	6.40							
				7.92							
				8.69							
	2.6	16.4	HORNFELS	9.75		9.5-10.0	20535	0.5	0.001	0.01	
			- massive, dark grey to black, very hard rock	10.97		10.0-10.5	20536	0.5	0.001	0.01	
				12.50							
			- silicified in places to chert	13.41							
			- scattered bands at 45° to the core axis are highly magnetic, probably magnetitic	14.02							
				15.39							
			- pyrite occurs filling thin (/ mm) fractures	16.46							
			- possibly altered andesite	17.68							
			- quartz carbonate vein at 9.7m barren looking	18.90							
				19.81							
				21.34							
				22.71							
				23.77							
				24.99							
				25.91							

NOTE:

All angles measured from core axis.

Logged by S. Coombes

Date December 20, 1983

Checked by \_\_\_\_\_

Date \_\_\_\_\_

Hole No. 83-R-70

Page 1 of 2

# DRILL HOLE RECORD

RHYOLITE RESOURCES INC.



Colour Plot B Dips	DEPTH		DESCRIPTION	RECOVERY		Sample Interval	Sample No.	Length	ANALYSIS	
	from	to		run	short				Au-oz/ton	Ag-oz/ton
	16.4	19.2	HORNFELS	25.91						
			- similar to 2.6-16.4m but has mottled appearance	26.37						
			probably an altered coarse grained tuff	28.04						
				29.41						
				30.02						
	19.2	48.5	HORNFELS	31.70						
			- similar to 2.6-16.4m	32.92						
			- epidote vein at 36.9m	34.14						
				36.27						
				39.17						
				40.69						
				41.76						
				43.28						
				44.50						
				46.02						
				47.24						
				48.46						
			END OF HOLE							

Project \_\_\_\_\_ Logged by S. Coombes Checked by \_\_\_\_\_ Hole No. 83-R-70  
 Location \_\_\_\_\_ Date December 20, 1983 Date \_\_\_\_\_ Page 2 of 2

APPENDIX B

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.  $49^{\circ}39'N$ , Long.  $121^{\circ}59'W$ , 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

*Glen E. White*

GEOPHYSICAL CONSULTING & SERVICES LTD.

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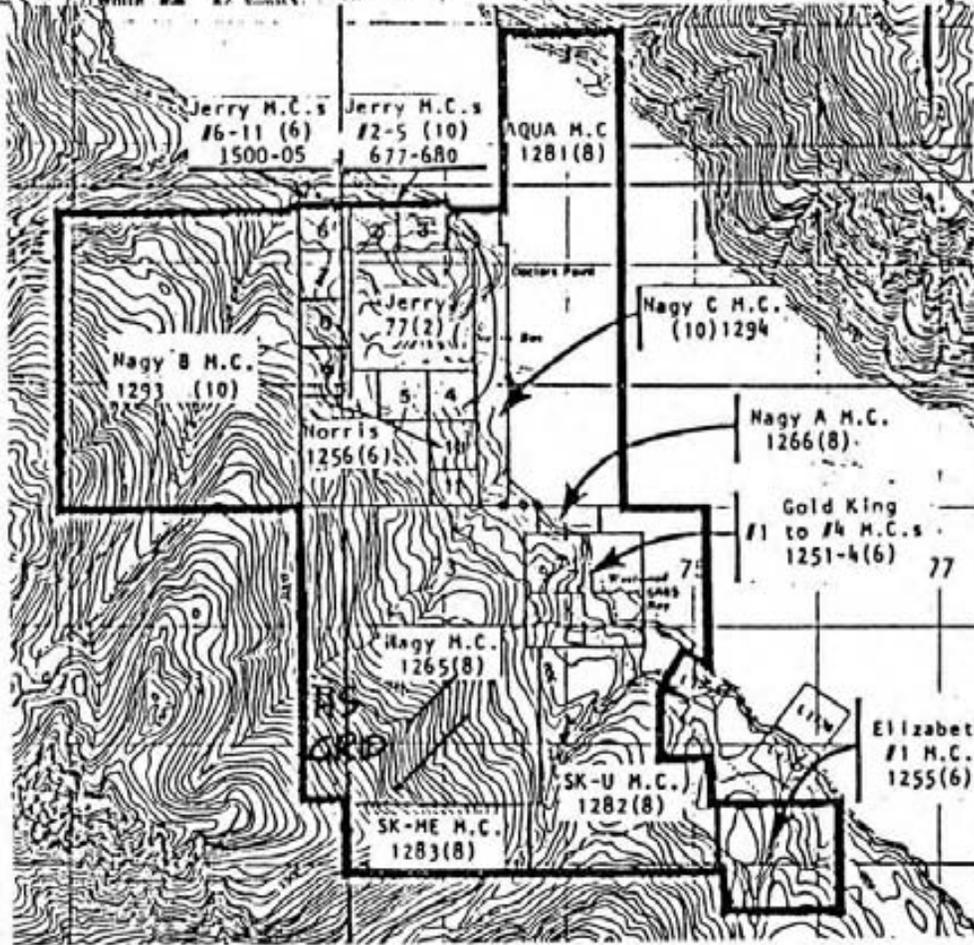
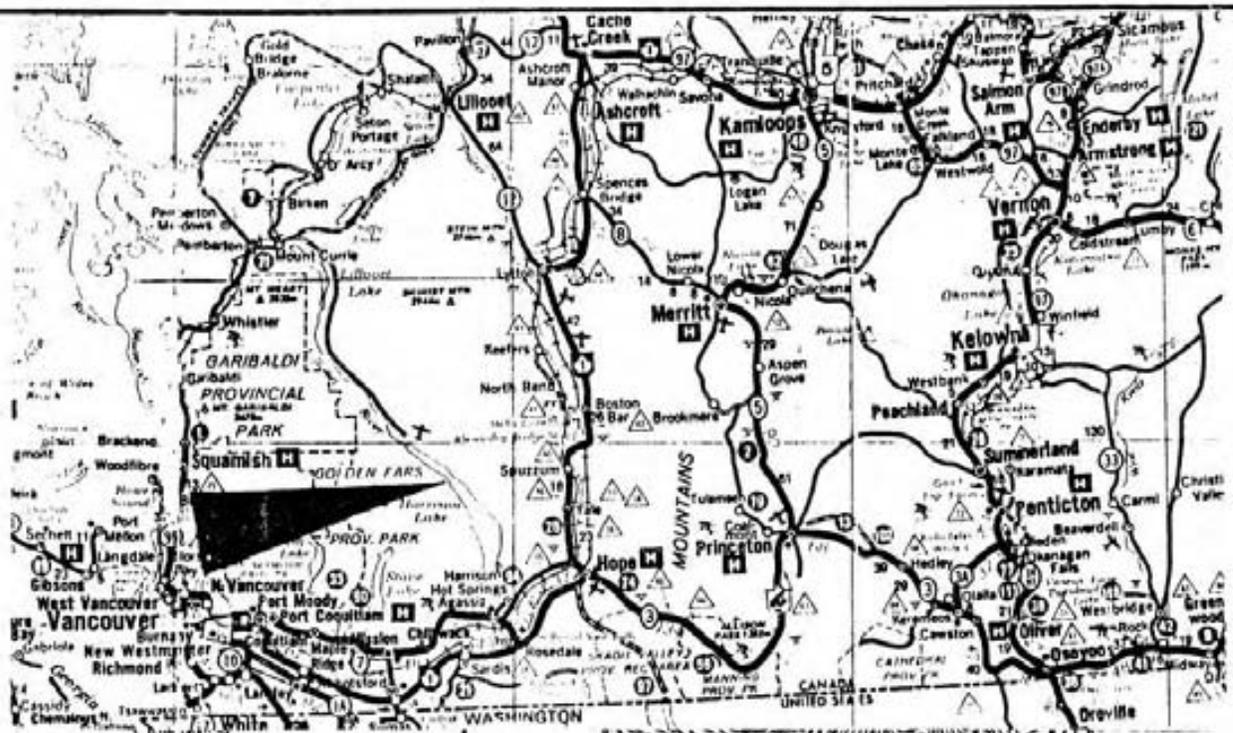
ILLUSTRATIONS

- Figure 1 - Location and Claims Map
- Figure 2 - Induced Polarization, Chargeability Map
- Figure 3 - Induced Polarization, H.S. Grid Map
- Figure 4 - Magnetic Contour Map
- Figures 5-23 Induced Polarization Profiles

## 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

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  $49^{\circ}39'N$  and longitude  $121^{\circ}59'W$ .

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 magnetic 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 parameters 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 consistency 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 periphery 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.

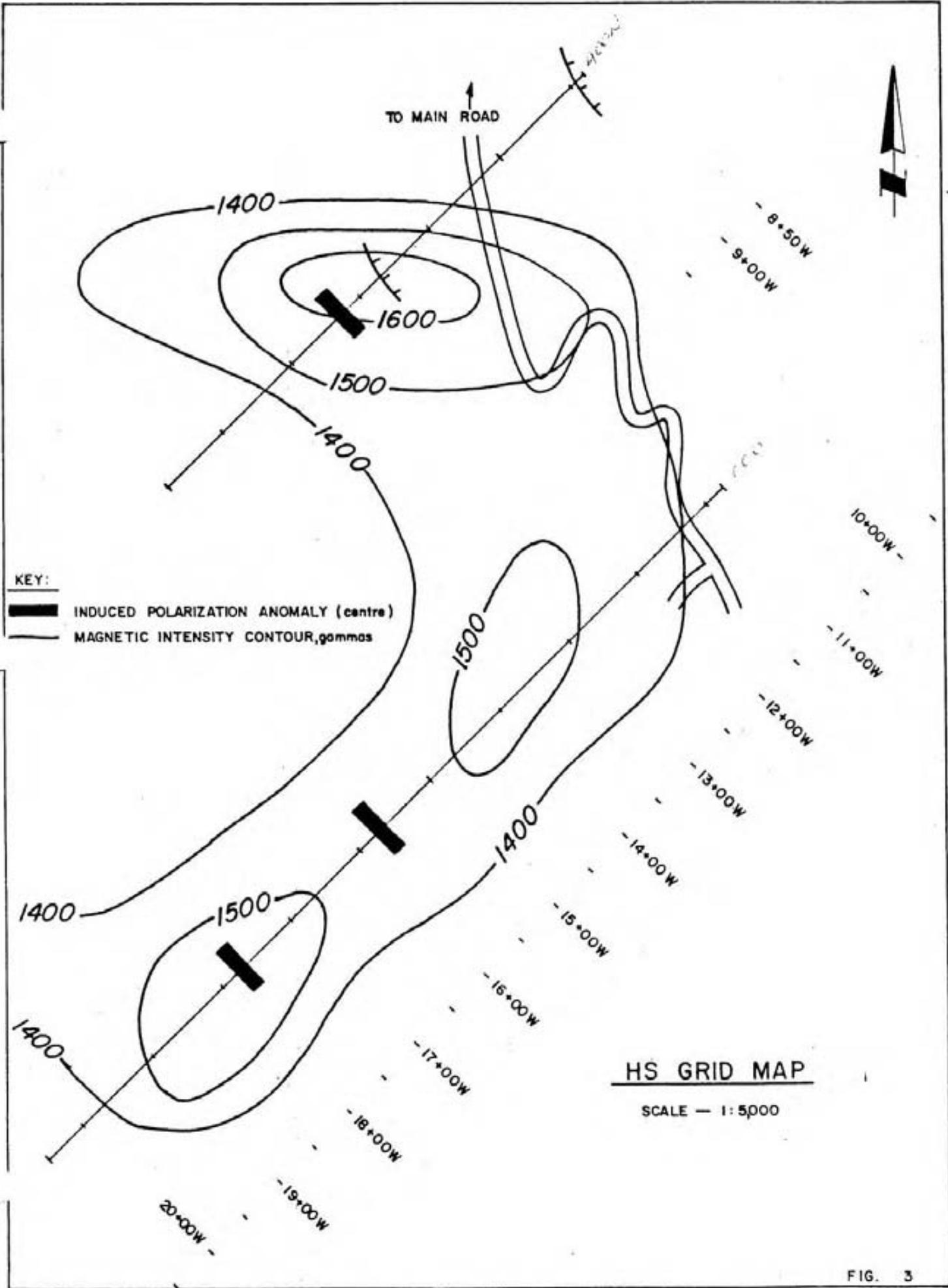


FIG. 3

### 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 magnetic low suggesting that it is of a composition possessing little magnetic mineral, very different from the intrusives to the north.

A strong magnetic 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 magnetic 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.

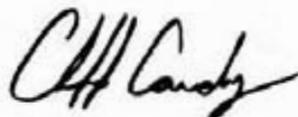
In light of the utility of the induced polarization and magnetometer surveys it is recommended that additional survey coverage be obtained with these techniques. The detected induced polarization anomalies remain open to the north and south at the present time.

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 magnetic 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 magnetic 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



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

INSTRUMENT SPECIFICATIONSINDUCED POLARIZATION SYSTEMA. 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) amps (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 MAGNETOMETERSPECIFICATIONS

RESOLUTION: 1 gamma

ACCURACY:  $\pm 1$  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  
SELFTTEST, 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 TEMPERATURE: -35 to +55C

DIMENSIONS: CONSOLE: 15x8x15cm (6x3 $\frac{1}{4}$ x6")  
SENSOR: 14x7cm dia (5 $\frac{1}{2}$ x3" 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 super-  
visor Airborne and Ground Geophysical  
Divisions with Geo-X Surveys Ltd.

Two years Chief Geophysicist Tri-Con  
Exploration Surveys Ltd.

Twelve years Consulting Geophysicist.

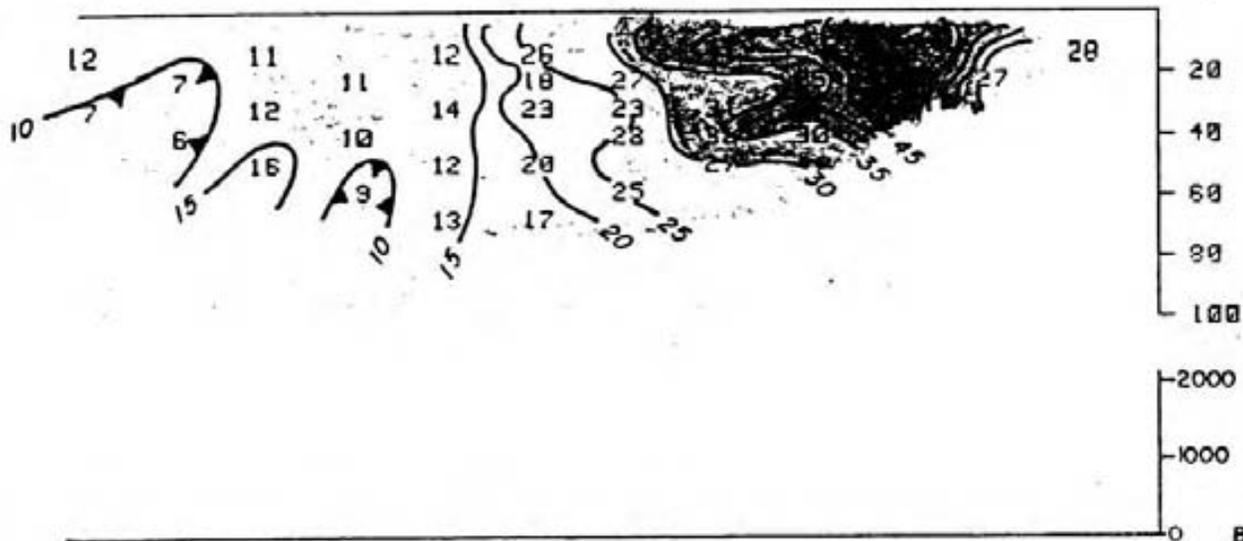
Active experience in all Geologic Provinces  
of Canada.

*Glen E. White*

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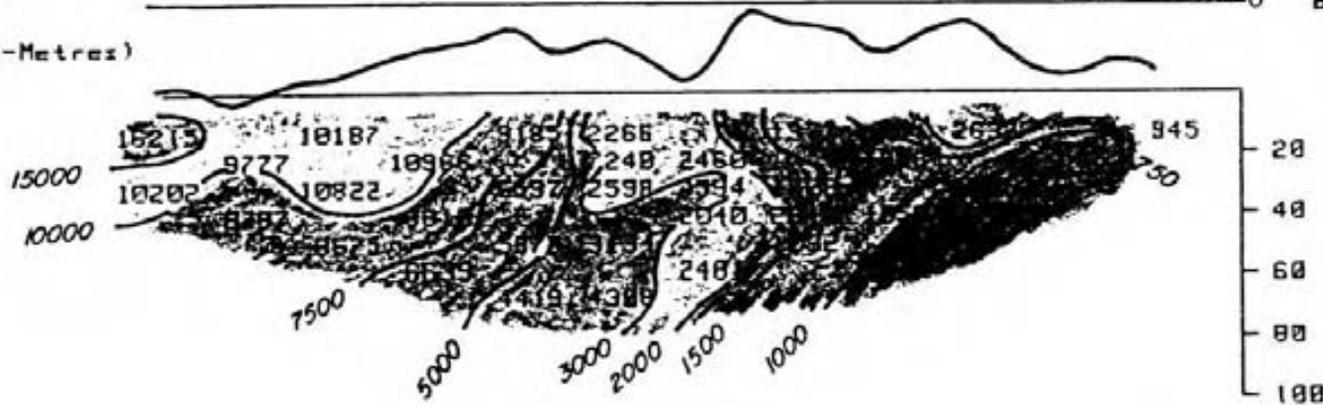
CHARGEABILITY (msec)

385E 315E 345E 375E 405E 435E 465E 495E 525E 555E 585E 615E



MAGNETICS (Gammas)

RESISTIVITY (Ohm-Metres)



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INSTRUMENT: HUNTEC TIME DOMAIN



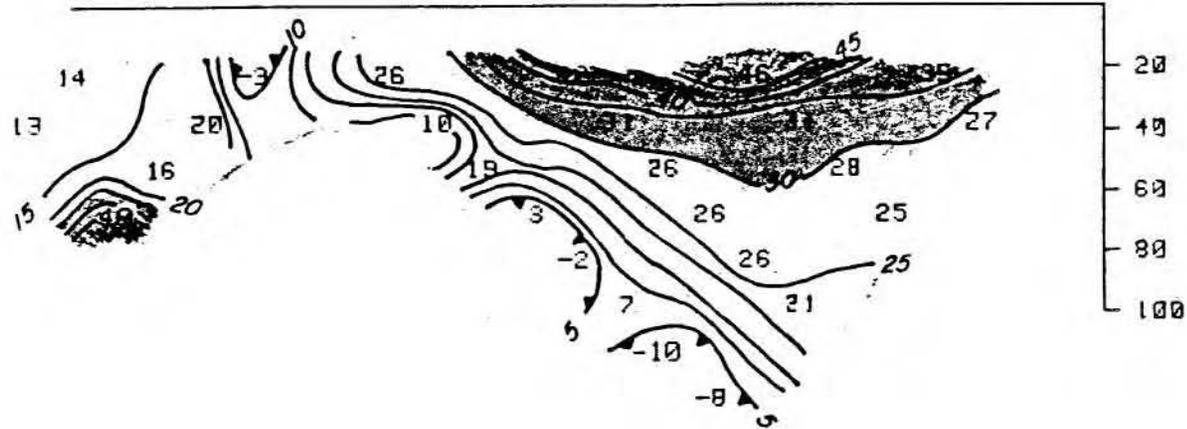
RHYOLITE RESOURCES INC.  
HARRISON LAKE PROJECT  
MULTIPOLE INDUCED POLARIZATION  
LINE 5505

DATE: OCT/83

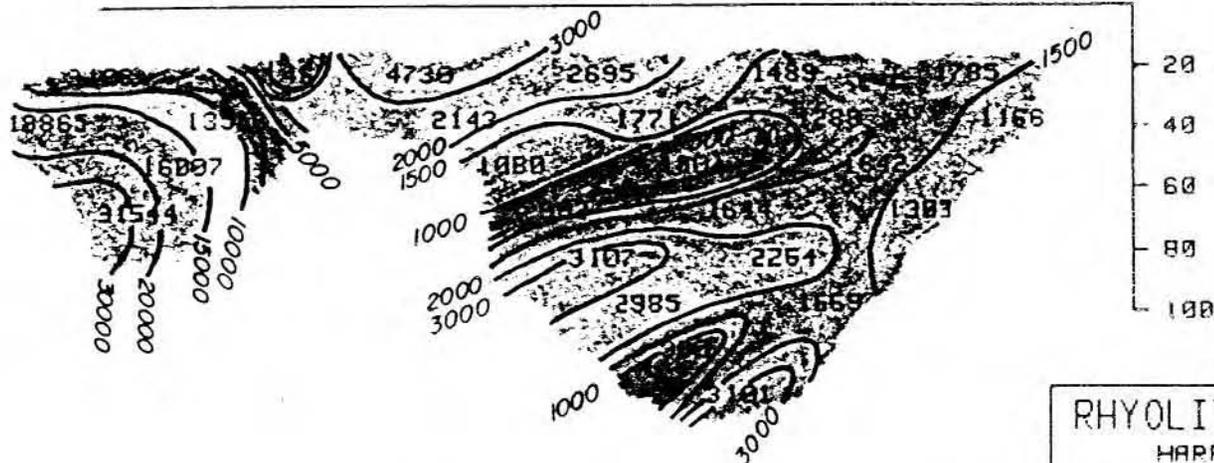
FIG.: 5

CHARGEABILITY (msec)

- 322.5E
- 337.5E
- 352.5E
- 367.5E
- 382.5E
- 397.5E
  
- 442.5E
- 457.5E
- 472.5E
- 487.5E
- 502.5
- 517.5E
- 532.5E
- 547.5E
- 562.5E
- 577.5E
- 592.5E
- 607.5E
- 622.5E
- 637.5E



RESISTIVITY (Ohm-Metres)



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& SERVICES LTD.

INSTRUMENT: HUNTEC TIME DOMAIN

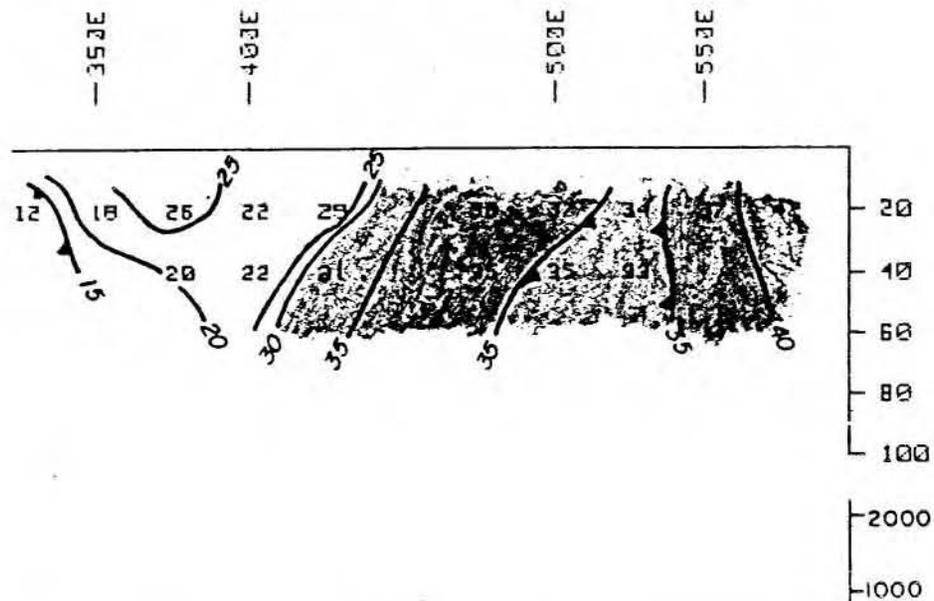


RHYOLITE RESOURCES INC.  
HARRISON LAKE PROJECT  
MULTIPOLE INDUCED POLARIZATION  
LINE 5505

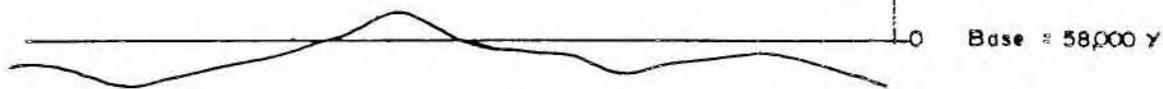
DATE: OCT/83

FIG.: 6

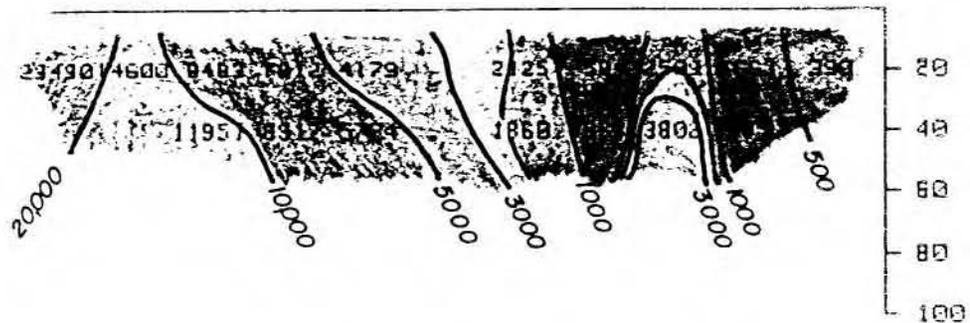
CHARGEABILITY (msec)



MAGNETICS (Gammas)

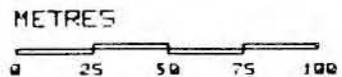


RESISTIVITY (Ohm-Metres)



GLEN E. WHITE -  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

INSTRUMENT: HUNTEC TIME DOMAIN

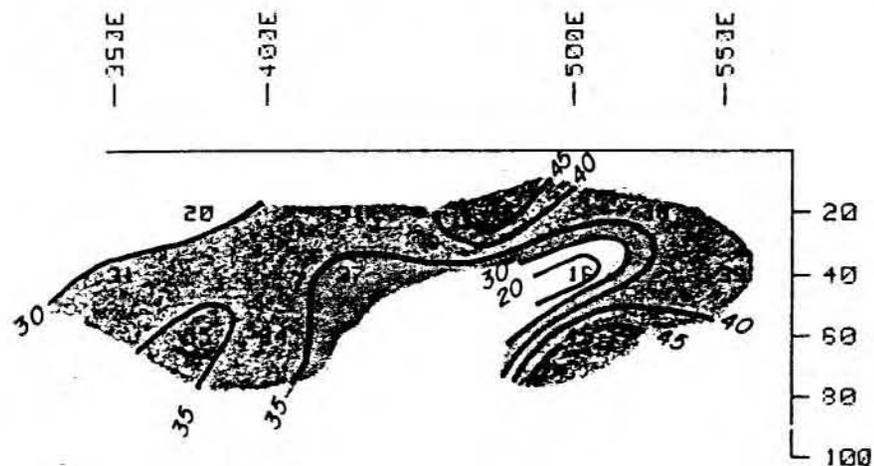


RHYOLITE RESOURCES INC.  
HARRISON LAKE PROJECT  
MULTIPOLE INDUCED POLARIZATION  
LINE 6505

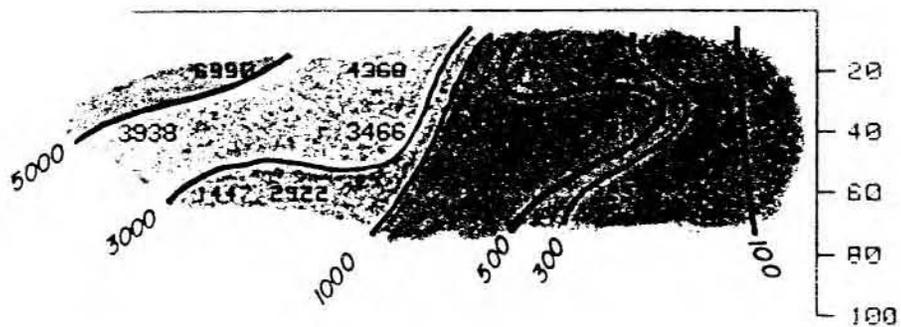
DATE: OCT 83

FIG.: 7

CHARGEABILITY (msec)

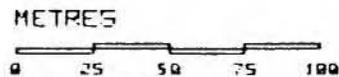


RESISTIVITY (Ohm-Metres)



GLEN E. WHITE  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

INSTRUMENT: HUNTEC TIME DOMAIN

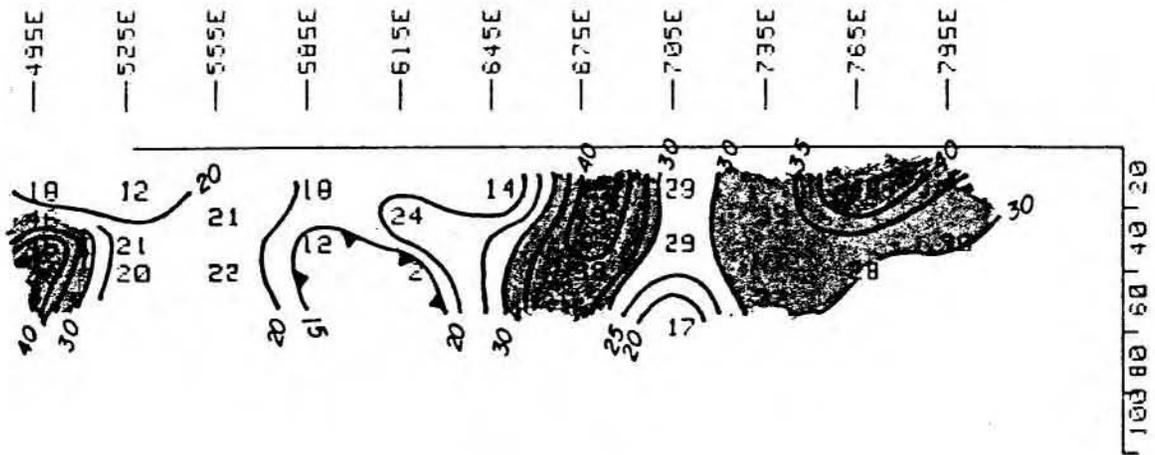


RHYOLITE RESOURCES INC.  
HARRISON LAKE PROJECT  
MULTIPOLE INDUCED POLARIZATION  
LINE 5505

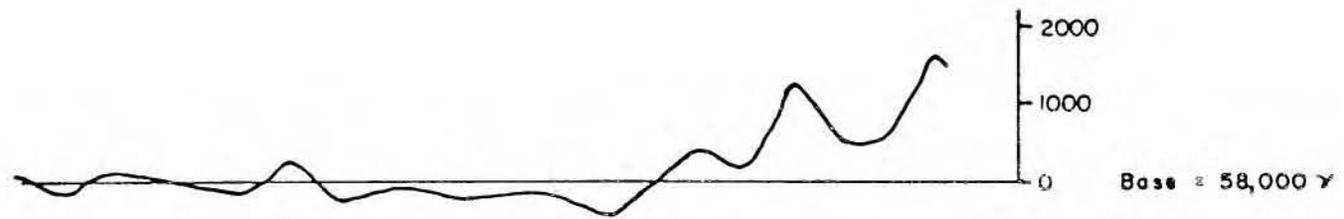
DATE: OCT-83

FIG.: 8

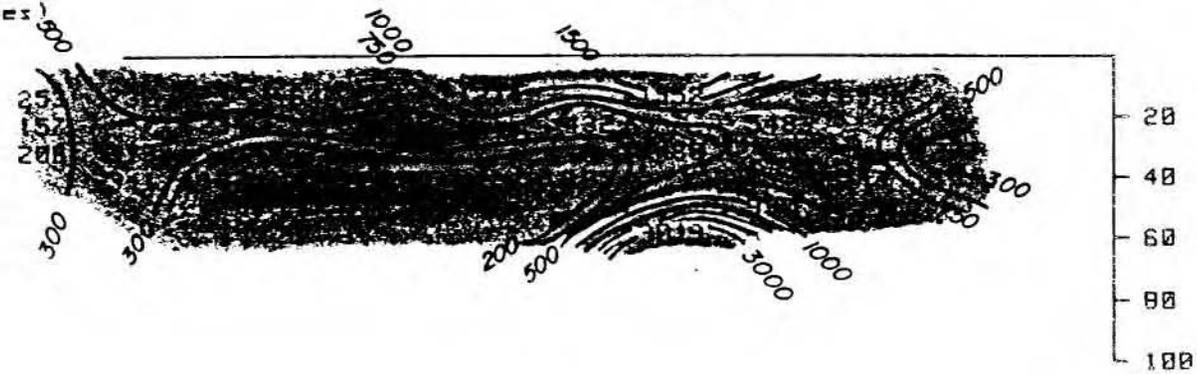
CHARGEABILITY (msbc)



MAGNETICS (Gammas)

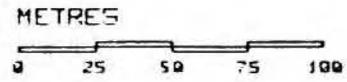


RESISTIVITY (Ohm-Metres)



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INSTRUMENT: HUNTEC TIME DOMAIN



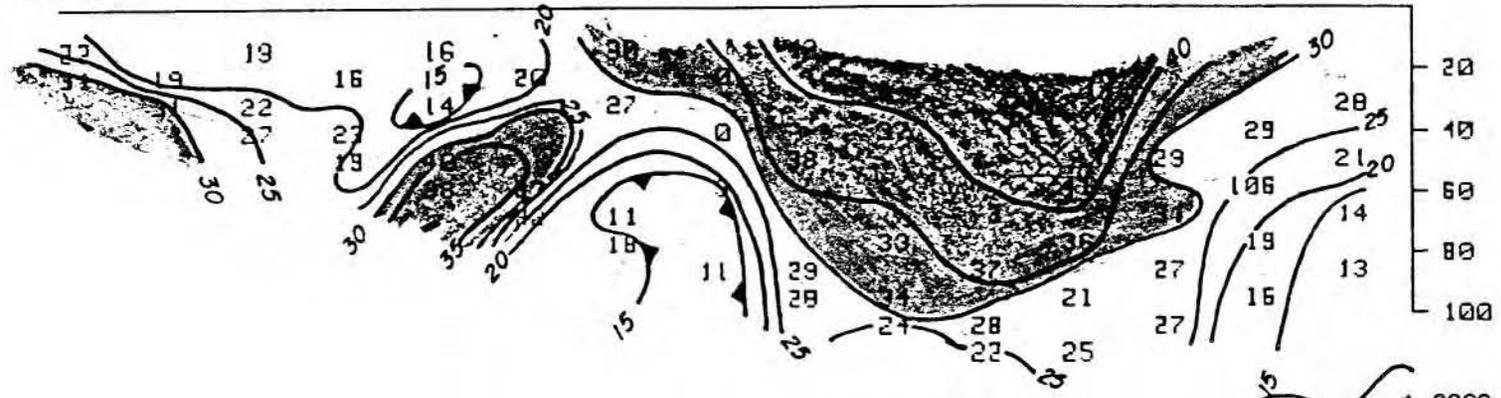
RHYOLITE RESOURCES INC.  
 HARRISON LAKE PROJECT  
 MULTIPOLE INDUCED POLARIZATION  
 LINE 7505

DATE: OCT-83

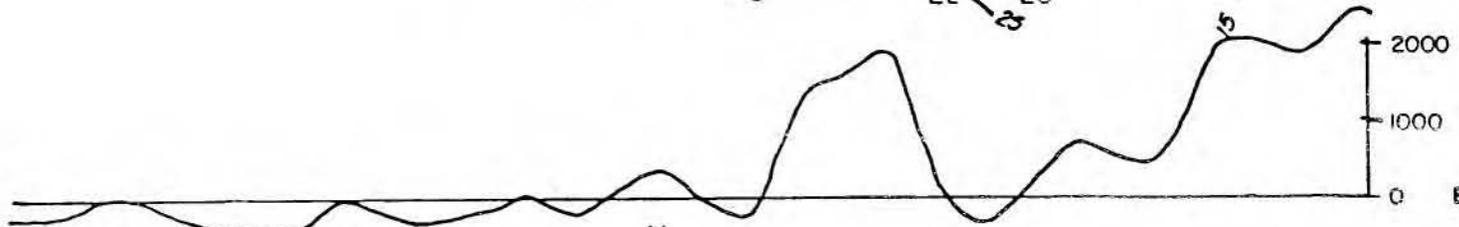
FIG.: 9

CHARGEABILITY (msec)

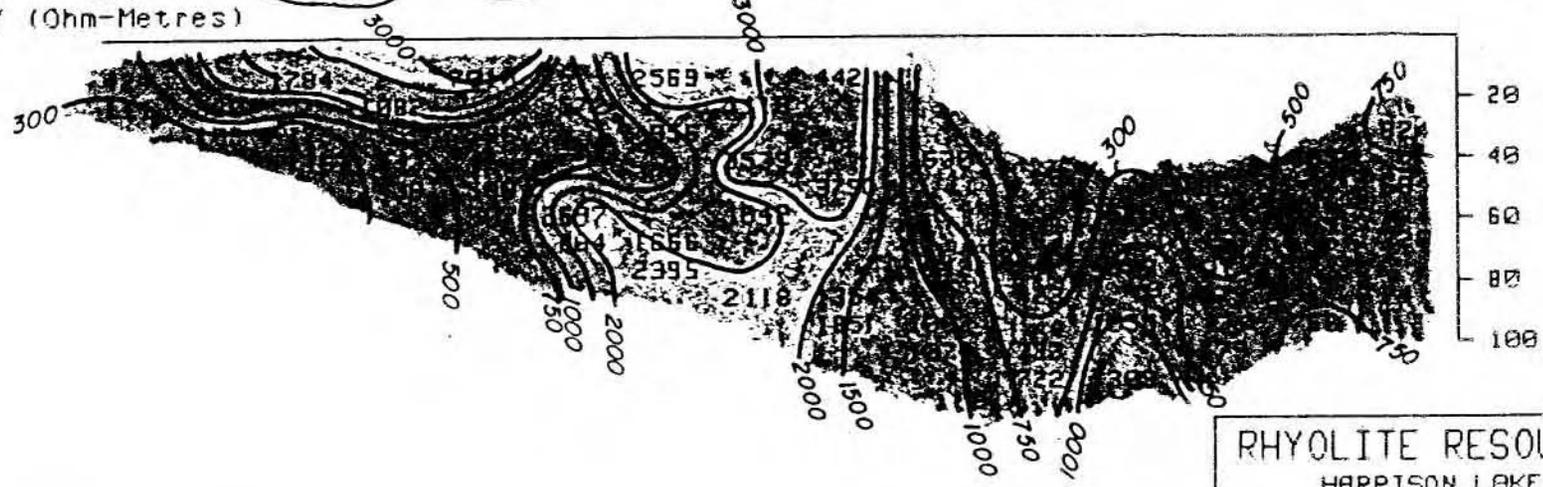
1015E 1045E 1075E 1105E 1135E 1165E 1195E 1225E 1255E 1285E 1315E 1345E 1375E 1405E 1435E



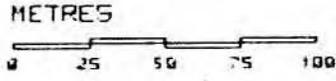
MAGNETICS (Gammas)



RESISTIVITY (Ohm-Metres)



Base = 58,000 Y



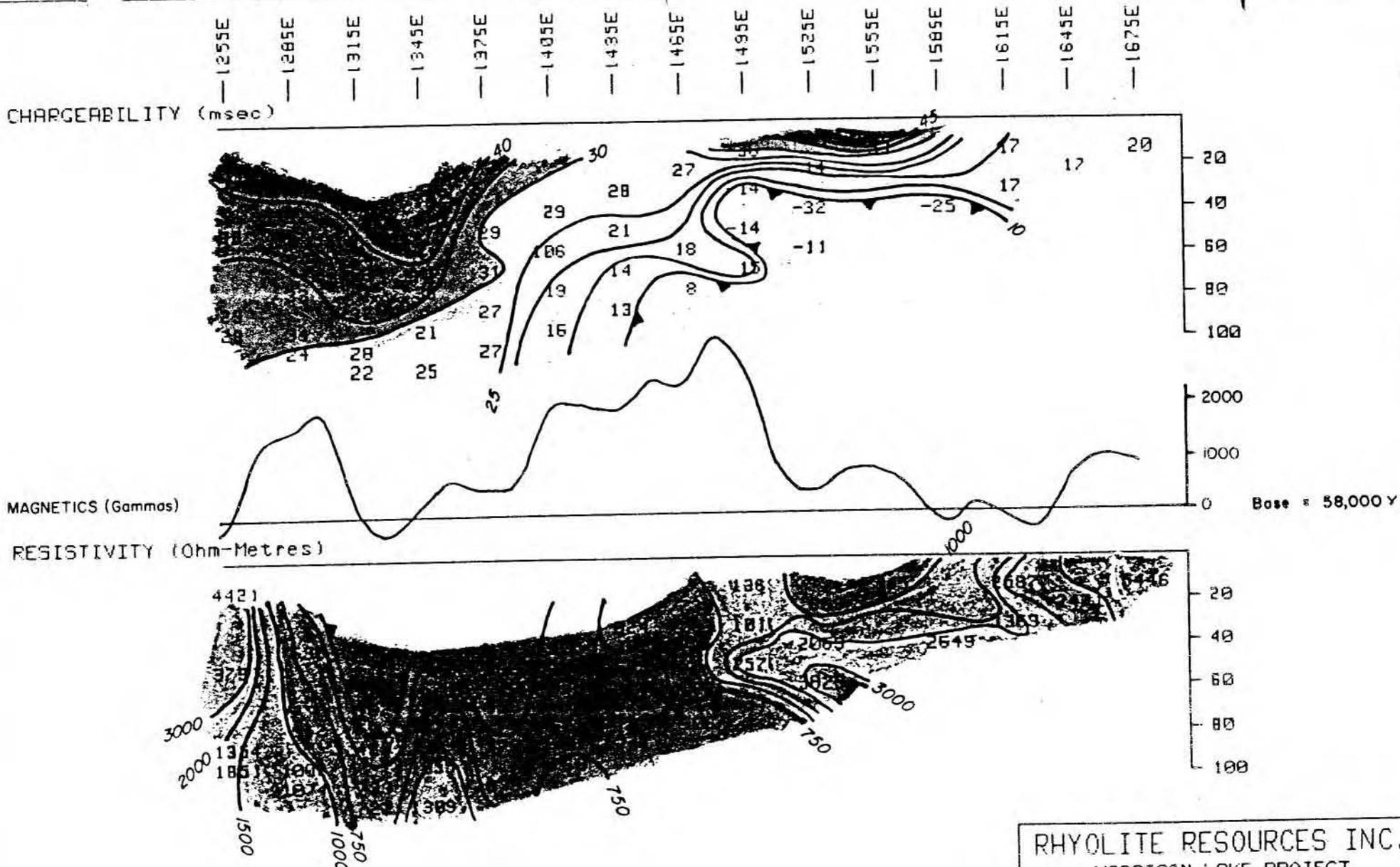
GLEN E. WHITE-  
GEOPHYSICAL CONSULTING  
& SERVICES LTD.

INSTRUMENT: HUNTEC TIME DOMAIN

RHYOLITE RESOURCES INC.  
HARRISON LAKE PROJECT  
MULTIPOLE INDUCED POLARIZATION  
LINE 2000N

DATE: OCT-83

FIG.: 10



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INSTRUMENT: HUNTEC TIME DOMAIN

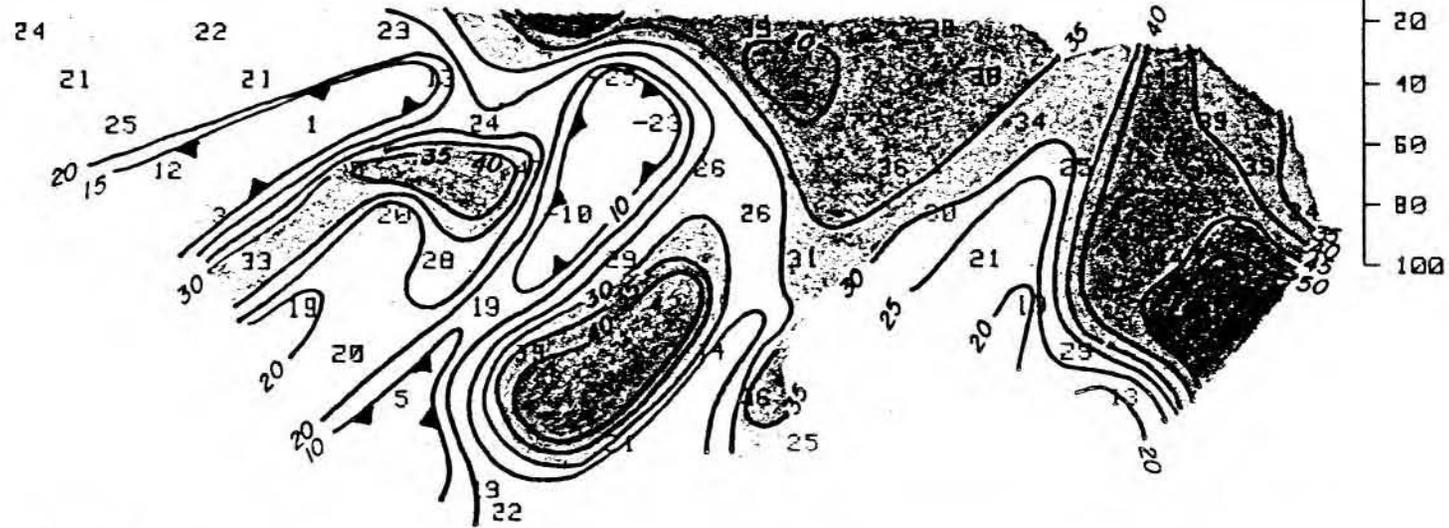
RHYOLITE RESOURCES INC.  
 HARRISON LAKE PROJECT  
 MULTIPOLE INDUCED POLARIZATION  
 LINE 2000N

DATE: OCT/83

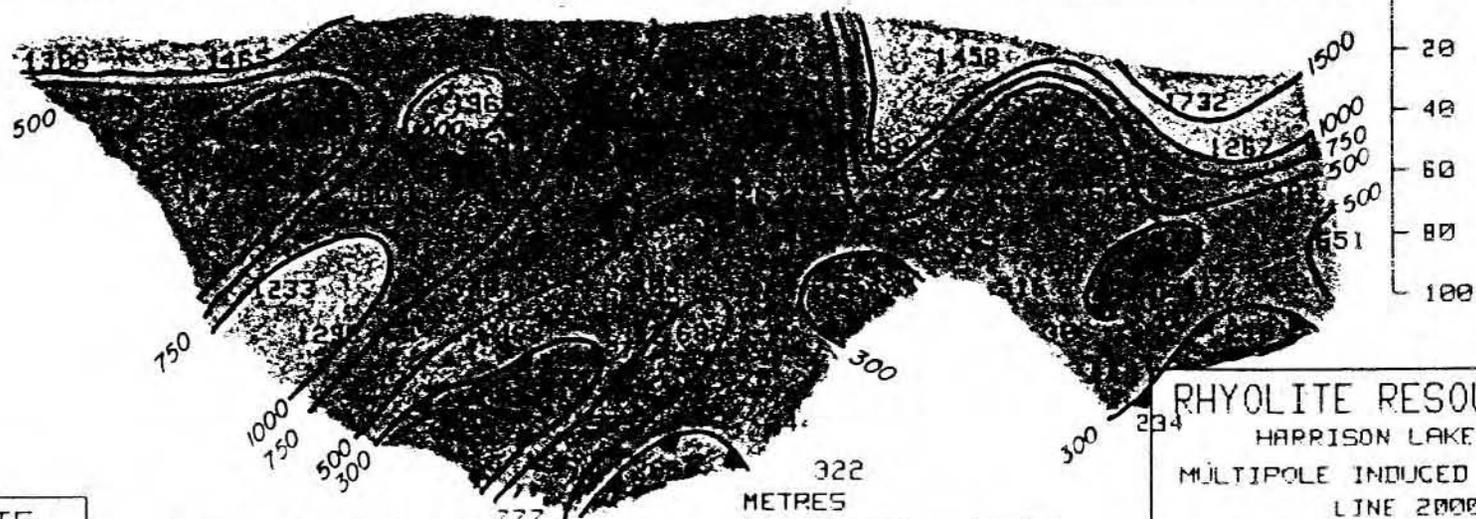
FIG.: 11

CHARGEABILITY (msec)

— 1022.58  
 — 1037.58  
 — 1052.58  
 — 1067.58  
 — 1082.58  
 — 1097.58  
 — 1112.58  
 — 1127.58  
 — 1142.58  
 — 1157.58  
 — 1172.58  
 — 1187.58  
 — 1202.58  
 — 1217.58  
 — 1232.58  
 — 1247.58  
 — 1262.58  
 — 1277.58  
 — 1292.58  
 — 1307.58  
 — 1322.58  
 — 1337.58  
 — 1352.58  
 — 1367.58  
 — 1382.58  
 — 1397.58  
 — 1412.58  
 — 1427.58  
 — 1442.58



RESISTIVITY (Ohm-Metres)



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 & SERVICES LTD.

INSTRUMENT: HUNTEC TIME-DOMAIN  
 777

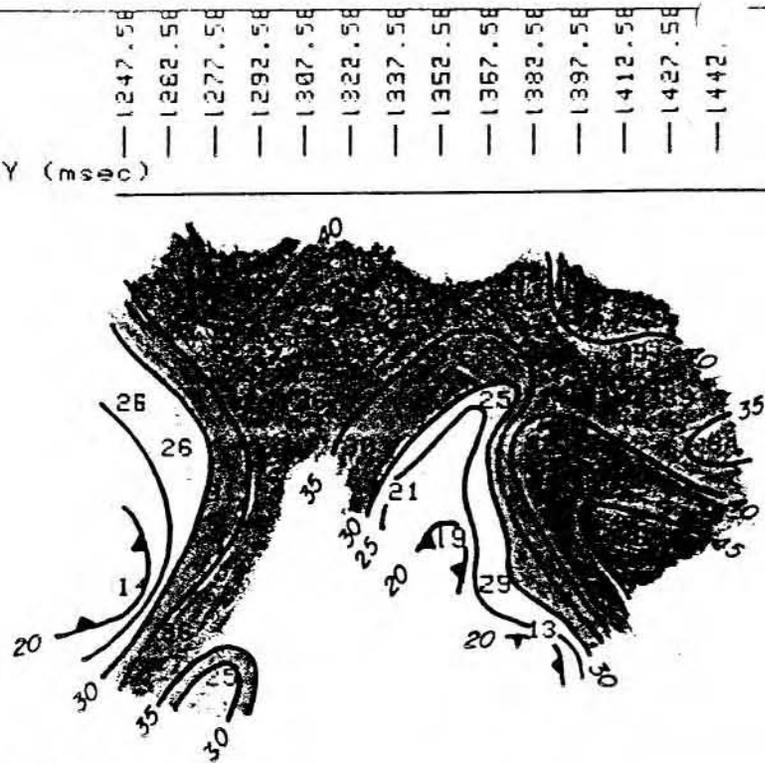
322  
 METRES  
 0 25 50 75 100

RHYOLITE RESOURCES INC.  
 HARRISON LAKE PROJECT  
 MULTIPOLE INDUCED POLARIZATION  
 LINE 2000N

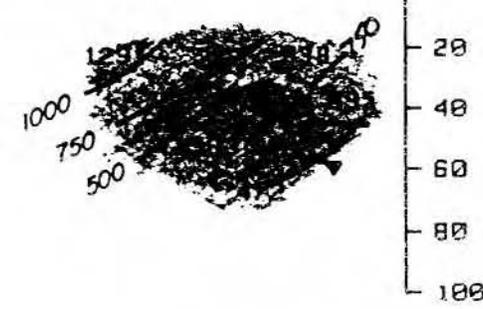
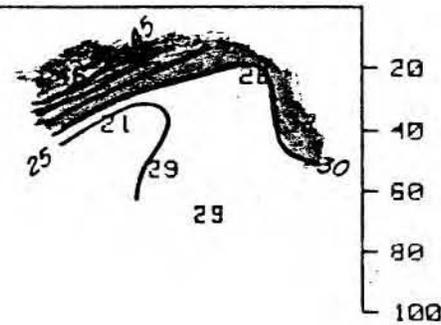
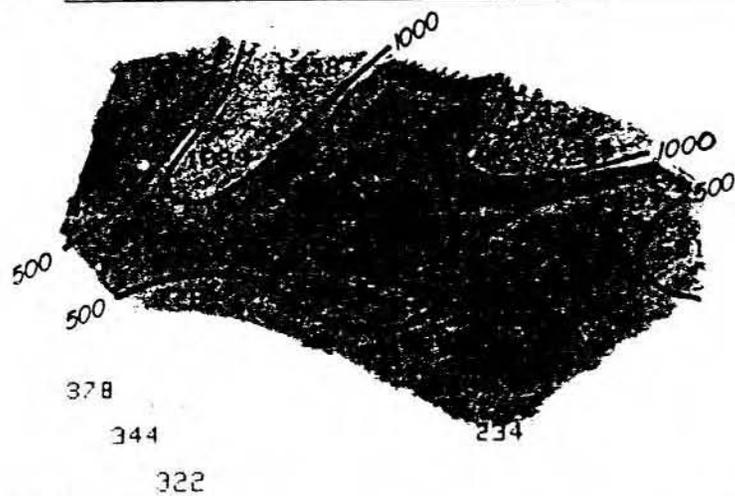
DATE: OCT-83

FIG.: 12

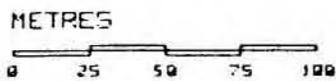
CHARGEABILITY (msec)



RESISTIVITY (Ohm-Metres)



INSTRUMENT: HUNTEC TIME DOMAIN



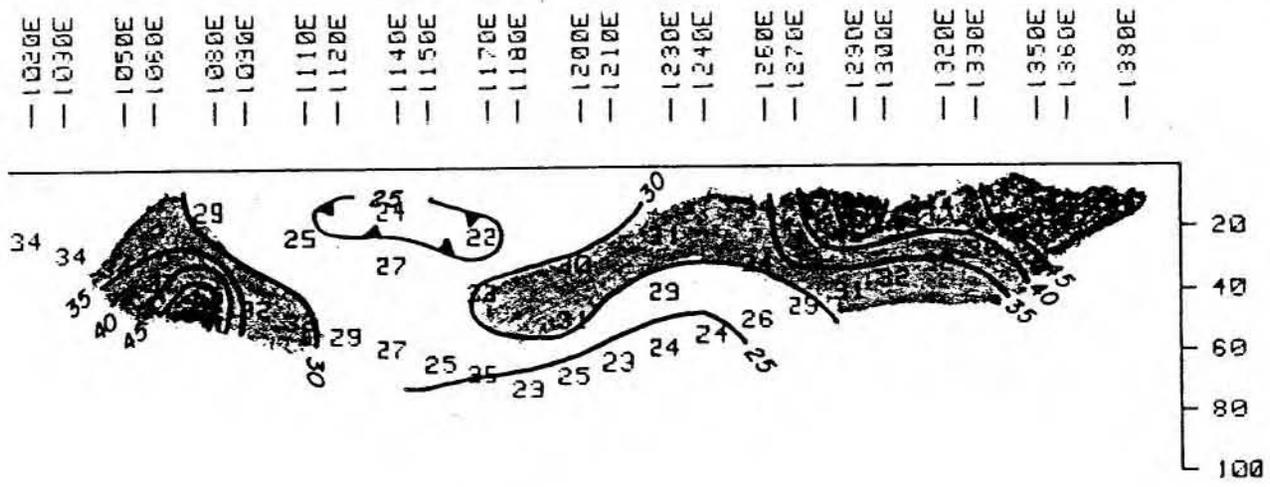
RHYOLITE RESOURCES INC.  
 HARRISON LAKE PROJECT  
 MULTIPOLE INDUCED POLARIZATION  
 LINE 2000N

DATE: OCT-88

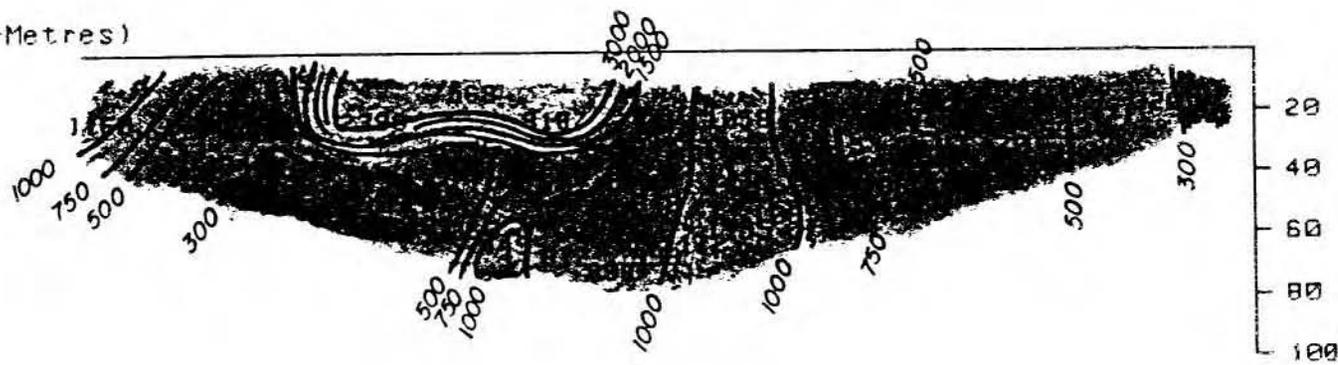
FIG.: 13

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CHARGEABILITY (msec)



RESISTIVITY (Ohm-Metres)



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INSTRUMENT: HUNTEC TIME DOMAIN

METRES



RHYOLITE RESOURCES INC.  
HARRISON LAKE PROJECT  
MULTIPOLE INDUCED POLARIZATION  
LINE 1900N

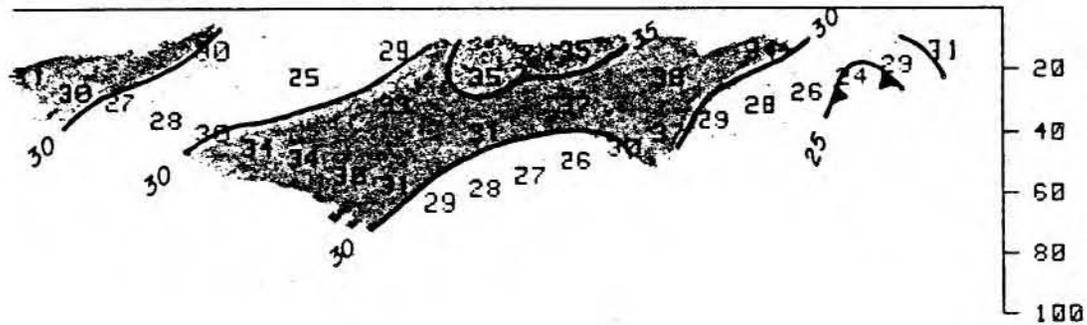
DATE: OCT 85

FIG.: 14

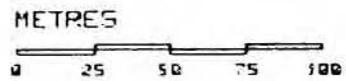
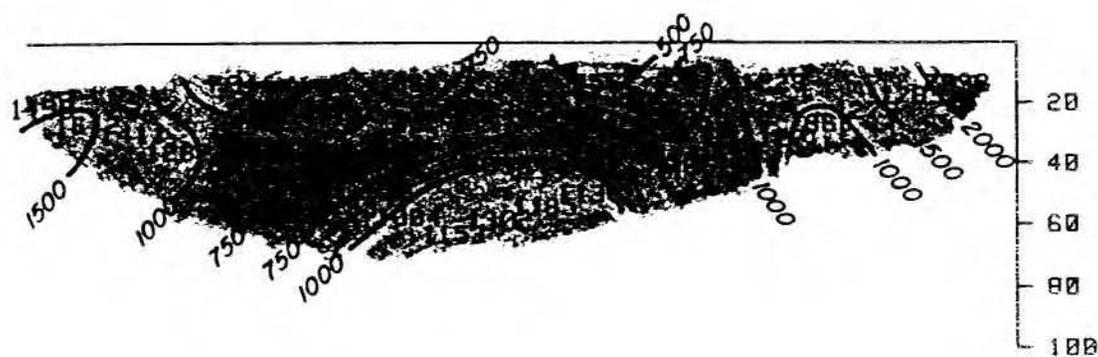


CHARGEABILITY (msec)

-1050E  
 -1060E  
 -1080E  
 -1090E  
 -1110E  
 -1120E  
 -1140E  
 -1150E  
 -1170E  
 -1180E  
 -1200E  
 -1210E  
 -1230E  
 -1240E  
 -1260E  
 -1270E  
 -1290E  
 -1300E  
 -1320E  
 -1330E  
 -1350E



RESISTIVITY (Ohm-Metres)



INSTRUMENT: HUNTEC TIME DOMAIN

RHYOLITE RESOURCES INC.  
 HARRISON LAKE PROJECT  
 MULTIPOLE INDUCED POLARIZATION  
 LINE 1800N

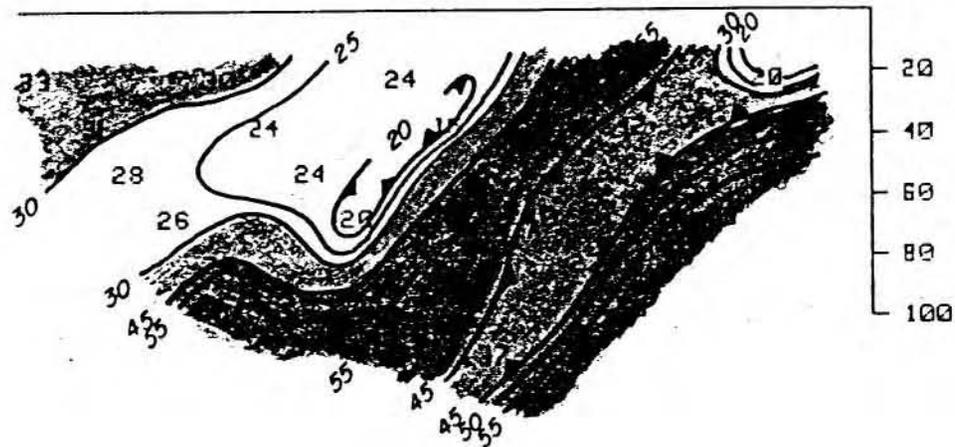
GLEN E. WHITE-  
 GEOPHYSICAL CONSULTING  
 & SERVICES LTD.

DATE: OCT-83

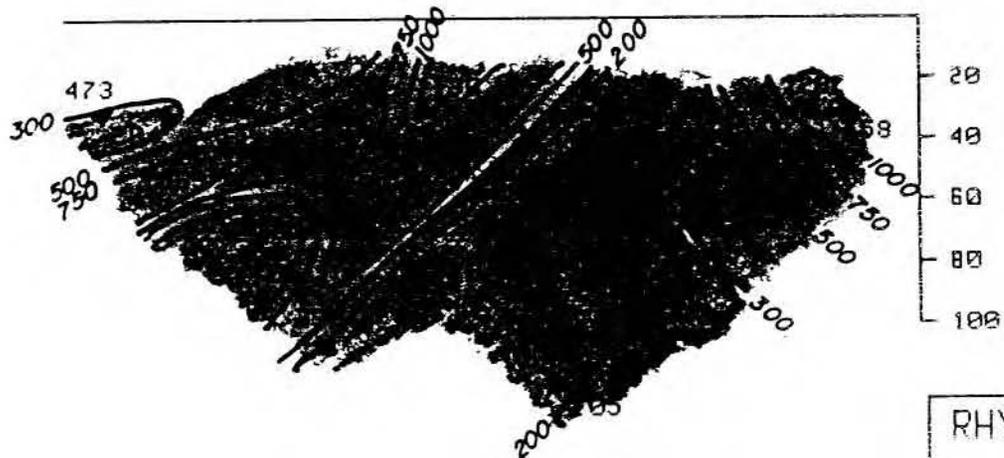
FIG.: 16

CHARGEABILITY (msec)

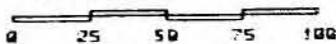
-1050E  
 -1070E  
 -1080E  
 -1100E  
 -1110E  
 -1130E  
 -1140E  
 -1160E  
 -1170E  
 -1190E  
 -1200E  
 -1220E  
 -1230E  
 -1250E  
 -1260E  
 -1280E  
 -1290E  
 -1310E



RESISTIVITY (Ohm-Metres)



METRES



INSTRUMENT: HUNTEC TIME DOMAIN

RHYOLITE RESOURCES INC.  
 HARRISON LAKE PROJECT  
 MULTIPOLE INDUCED POLARIZATION  
 LINE 1800N

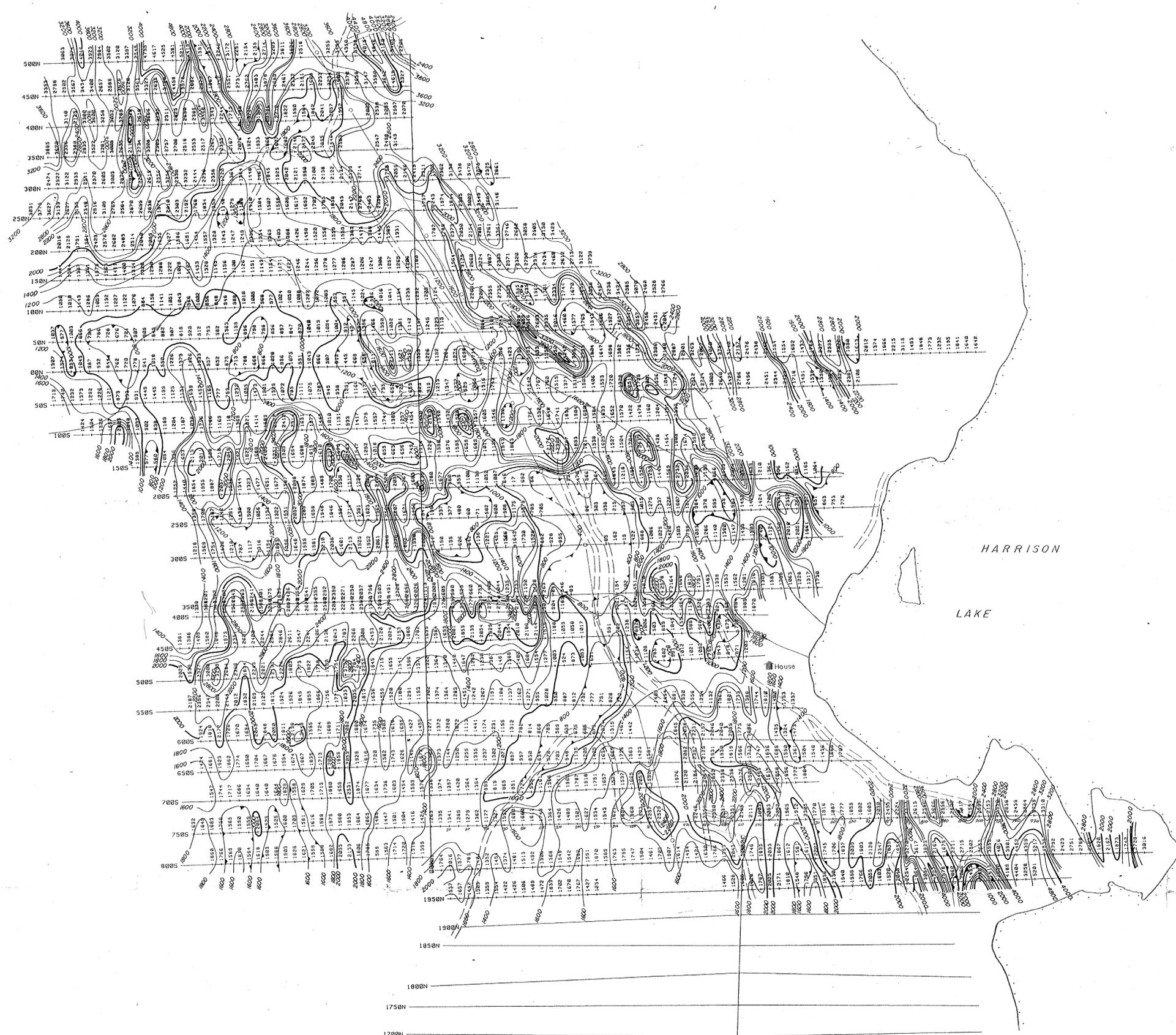
DATE: OCT/88

FIG.: 17

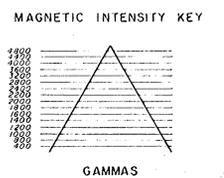
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 & SERVICES LTD.



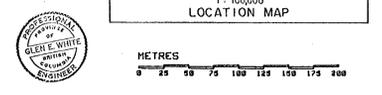
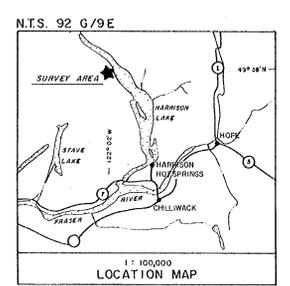




GEOLOGICAL BRANCH  
ASSESSMENT REPORT  
**13,029**



- KEY
- Plotting Base: 50000 Gammas
  - Road ————
  - Power Line ————
  - Cliff ————
  - Stream ————



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

INSTRUMENT: GSM-8 PROTON PRECESSION MAGNETOMETER

To accompany Geophysical Report for RHYOLITE RESOURCES LTD.

DATE: NOV/83 FIG.: 4

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SCA