DIAMOND DRILLING

TOWNSHIP: RANEY TWP. REPORT NO: 22

WORK PERFORMED FOR: Goldrock Resources Inc.

RECORDED HOLDER: Same as Above [xx]
: Other [ ]

Claim No.	Hole No.	Footage	Date	Note
804656	R88-1	41.8m	Sept/88	(1)
537282	R88-2	105'	Sept/88	(1)
	R88-3A	55'	Sept/88	(1)
	R88-3B	70'	Sept/88	(1)

NOTES: (1) #W8806.50173, filed Mar/89

COMPOSITE DRILL LOG

CORE SIZE : 1" diameter | SCALE : | PROJECT : M169 | HOLE No. : R881

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED : Aug 27, 1988 | PAGE No. 1 OF 3

COORDINATES : 1+60 S ℄ 8+00W ℄ | DATE FINISHED : Sept 1, 1988 | REF. TO CLAIM CORNER : 260m South and 100m West of Post #1 of 804656

INCLINATION : -50° | AZIMUTH : 180° | TOTAL DEPTH : 137', 41.8 m | LOGGED BY : R. Abernethy.

COMMENTS: Hole designed to test induced polarization anomaly.

AVG. CORE REC'Y/HOLE

DEPTH (FT)	ALTERATION: Calcite	Anhydrite	Sericite	Silicification	Silicification	Hematite	FRACTURING	MINERALS	GEOLOGY	DESCRIPTIVE GEOLOGY	DRILLING INTERVAL	% CORE RECOVERED	% SULPHIDES	ESTIMATED	SAMPLE No.	% SAMPLE RECOVERED	SAMPLE INTERVAL (m)	ASSAYS
40									Overburden	0-44.6' **Overburden.** - Sand and clay, rare boulder.								
45	wk					strong			Diorite	44.6'-48.8' **Diorite Dyke** - Dark grey / black, porphyritic feldspars, soft, strongly magnetic. - Porphyritic phenocrysts of both orthoclase and plagioclase, plagioclase dominant. - Orthoclase is coarse grained (1-5mm), euhedral, occasionally twinned, and have been partially saussuritized and hematized. - Plagioclase is fine grained (.5-1.5mm) and occurs as subhedral to anhedral phenocrysts. - Plagioclase has been mostly destroyed and replaced by calcite. - Good intrusive contact at 35° to core axis at lower boundary. - Chill margins at boundary.		95%	tr.						
50	wk								Argillite	- Massive, no foliation or mineral orientation as observed in well rocks (post foliation dyke). - Aphanitic, black, mafic matrix. - Very minor calcite stringers along fractures. - trace pyrite.								
55									Lithic Ash Tuff	48.8'-54' **Argillite** - Dark grey/black, finely laminated at 50° to core axis, aphanitic - Planar schistosity, weakly developed - Very soft. - Banded, alternating black-grey bands 1mm to 1cm thick - Relatively unaltered and pristine. - Medium-grained, cubic pyrite occurs as streaks parallel to bedding and comprises 1% of total rock. - Very minor, 1mm-sized, calcite stringers occur along fracture planes		80	1%						
60																		
65																		

Moderate moderate moderate
Weak weak weak
Strong moderate weak

COMPOSITE DRILL LOG

CORE SIZE : | SCALE : | PROJECT : | HOLE No. : RB81

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED : | PAGE No. 2 OF 3

COORDINATES : N. E. | DATE FINISHED : | REF. TO CLAIM CORNER :

INCLINATION : | AZIMUTH : | TOTAL DEPTH : m | LOGGED BY : R. ABERNETHY.

COMMENTS: Moderately well developed shear zone with sericite - carbonate alteration - Pot general lack of quartz veining or sulphides.

AVG. CORE REC'Y/HOLE

DEPTH m Ft	ALTERATION: Calcite	Ankerite	Sericite	Silicification	Chloritization	FRACTURING	MINERALS	GEOLOGY	DESCRIPTIVE GEOLOGY	DRILLING INTERVAL	% CORE RECOVERED	% SULPHIDES	ESTIMATED	SAMPLE No.	% SAMPLE RECOVERED	SAMPLE INTERVAL (m)	ASSAYS
70	mod	weak	strong					Lithic Tuff	54' to 75' **Intermediate Lithic Fine Ash Tuff** - Pale grey, fine-grained, laminated, soft, clastic. - Composed of 1-2mm sized subangular / subhedral quartz grains within a fine-grained / aphanitic sericitic matrix. - Poorly sorted, general lack of stratification. - Quartz comprises 10% of rock. - Minor 1-3cm argillaceous sections - Faint banded appearance in some sections. Banding at 50° to core axis - 1/2 % py as mg. individual cubes disseminated in matrix - Very minor calcite stringers. - Rock probably represents intermittant pyroclastic sub-marine sedimentation with slow water argillaceous sedimentation during volcanic hyatuses.		95%	1/2%					
75	moderate					moderate		Diorite Dyke			90%	tr.					
80	mod							Arg.			90%	1/2%					
85	moderate	weak	strong	mod				Lithic Ash Tuff	75'-81.5' **Diorite Dyke** - Similar to above - Finer-grained. - Discordant lower contact at 40° to core axis and 80° to 90° to bedding.		90%	1/2%					
90									81.5'-83' **Argillite** - As Above - Soft sediment deformation - Gradational lower contact.		90%	1/2%					
95									83'-105' **Intermediate Lithic Fine Ash Tuff** - As above. - Finer grained, bedding moderately well defined, occasionally argillaceous.								

COMPOSITE DRILL LOG

CORE SIZE : | SCALE : | PROJECT : | HOLE No. : R881

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED : | PAGE No. 3 OF 3

COORDINATES : N. E. | DATE FINISHED : | REF. TO CLAIM CORNER :

INCLINATION : | AZIMUTH : | TOTAL DEPTH : m | LOGGED BY : R. ABERNETHY.

DEPTH (M)	ALTERATION: Calcite	Ankerite	Sericite	Silicification	Hematite	FRACTURING	MINERALS	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE REC'Y/HOLE
105	v. strong	wk	strong	moderate	strong			Dolomite Schist	105'-137' EOH **Dolomite Schist** - Pale grey / brown / tan, aphanitic, strongly schistose, very soft. Original textures destroyed by strong schistosity overprinting. Foliation at 50° to core axis. - Strong dolomite alteration - 3" quartz vein with trace pyrite @ 100' (contact). - Rock is strongly silicified and weakly sulphidized over first 10' - Abundant .1 cm to 1cm quartz-carbonate veins at all angles to core axis. - Brecciated at upper contact. - Quartz veins are deformed. - Pyrite occurs as fine-grained to coarse grained disseminated subhedral cubes often associated with quartz veining. - 4" Diorite dyke at 121.6'	
110										
115										
120	v strong		strong	weak	moderate				137' END OF HOLE	
125										
130										

DRILLING INTERVAL	% CORE RECOVERED	% SULPHIDES	ESTIMATED	SAMPLE No.	% SAMPLE RECOVERED	SAMPLE INTERVAL ft	ASSAYS
105'-109'	75%	2-4%		03601	50%	4'	
109'-113'	75%	2-4%		03602	50%	4'	
113'-117'	75%	2-4%		03603	50%	4'	
117'-122.5'	75%	1-3%		03604	50%	5.5'	
122.5'-126'	75%	1-2%		03605	50%	3.5'	
126'-129.5'	75%	1%		03606	50%	3.5'	
129.5'-132.5'	75%	1%		03607	50%	3'	

R. Abernethy

COMPOSITE DRILL LOG

CORE SIZE : 1" diameter | SCALE : | PROJECT : M69 | HOLE No. : R882

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED : SEPT 1, 1988 | PAGE No. 1 OF 3

COORDINATES : 1+80 S E 5+50W N | DATE FINISHED : SEPT 4, 1988 | REF. TO CLAIM CORNER : 250m W and 325m S of Post #1 of S37282

INCLINATION : -50° | AZIMUTH : 180° | TOTAL DEPTH : 106' m | LOGGED BY : R. ABERNETHY.

COMMENTS: Hole Designed to test IP anomaly between 1+75 S and 2+00 S on line 5+50W

AVG. CORE REC'Y/HOLE

DEPTH (M)	ALTERATION: Calcite	Ankerite	Sericite	Silicification	Sulphidization	FRACTURING	MINERALS	GEOLOGY	DESCRIPTIVE GEOLOGY	DRILLING INTERVAL	% CORE RECOVERED	% SULPHIDES	ESTIMATED	SAMPLE No.	% SAMPLE RECOVERED	SAMPLE INTERVAL (M)	ASSAYS
30								OVERBURDEN	0-34' OVERBURDEN - Sand, pebbles, boulders.								
									34-59.5' INTERMEDIATE LITHIC COARSE ASH TUFF		95%	1%					
35	strong	moderate	strong					LITHIC TUFF.	- Pale gray, fine grained to medium grained (ave 1.5mm) quartz (10%) and lithic fragments (40%) in a well laminated, aphanitic, carbonate - sericite matrix. Laminations (bedding) @ 50-55° to core axis.								
40									- Quartz grains are subrounded to subangular, moderately sorted.								
									- Lithic fragments are larger (on average) than quartz grains and are partially obliterated, stretched parallel to schistosity and strongly carbonatized (calcite ± ankerite) and sericitized.								
45									- Well developed slickenside striations on fragments parallel to schistosity.								
									- 1-2% pyrite occurs as medium grained, euhedral, cubic disseminations. Rare 1mm wide "streaks" of massive pyrite (may be sulphide clasts)								
50									- no quartz veining.								
									- trace fuschite in matrix.								
									- Gradational lower contact.								
55	slight	moderate	strong						- Fine-grained section between 44' to 46'. Crude graded bedding displayed by fine deviations in grain sizes in individual beds								
									- Quartz rarer in coarse grained sections.								

COMPOSITE DRILL LOG

CORE SIZE : | SCALE : | PROJECT : | HOLE No. : RB82

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED : | PAGE No. 2 OF 3

COORDINATES : N. E. | DATE FINISHED : | REF. TO CLAIM CORNER :

INCLINATION : | AZIMUTH : | TOTAL DEPTH : m | LOGGED BY : R. ARSENAULT.

COMMENTS: Impressive sericite-carbonate shear zone but no quartz veining or sulphides.

AVG. CORE REC'Y/HOLE

DEPTH m Ft	ALTERATION: CALCITE	ANKERITE	DOLOMITE	SERICITE	SILICIFICATION	SULPHIDIZATION	FRACTURING	MINERALS	GEOLOGY	DESCRIPTIVE GEOLOGY
60	Moderate	Weak		Moderate					Lapilli Tuff	59.5'-72' LAPILLI TUFF. - Coarse grained equivalent to upper ash tuff unit. - Unsorted lapilli to agglomerate sized fragments in a fine-grained carbonate-sericite matrix. Lapilli are stretched strongly parallel to schistosity and are strongly carbonated - Stretched massive pyrite clasts (?) occur in this horizon 2-4mm wide by 5-10mm long. May be minor sphalerite - Rare large agglomerate clasts which appear to be fragmented lithic tuffs (?). - Clasts are strongly stretched. - Clasts are unsorted and densely packed. Agglomerate sized clasts comprise less than 5%.
65										
70										
75	Strong	Strong	V. Strong	V. Strong					Dolomite Schist	72-90'. DOLOMITE SCHIST. - Pale brown/tan, aphanitic, well laminated (well developed schistosity), very soft. - Rock consists almost entirely of schistose dolomite with quartz-calcite stringers common. - Textureless and non-descript except for occasional 1cm wide pillow (?) rim consisting of quartz, calcite and minor pyrite. - Dolomitization is stronger at top than at bottom. (may indicate tops up hole / north) - Non-magnetic, overall 1/2-1% pyrite. - Gradational lower contact. Upper contact distinct.
80										
85	V. Strong			Weak						

DRILLING INTERVAL	% CORE RECOVERED	% SULPHIDES	ESTIMATED	SAMPLE No.	% SAMPLE RECOVERED	SAMPLE INTERVAL (m)	ASSAYS
60-64'	95%	2-4%		03608	50%	4.5'	
64-68'	95%	2-4%		03609	50%	4'	
68-72'	95%	2-4%		03610	50%	4'	

COMPOSITE DRILL LOG

CORE SIZE : | SCALE : | PROJECT : | HOLE No. : R882

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED : | PAGE No. 3 OF 3

COORDINATES : N. E. | DATE FINISHED : | REF. TO CLAIM CORNER :

INCLINATION : | AZIMUTH : | TOTAL DEPTH : m | LOGGED BY : R. ABERNETHY

DEPTH (m)	ALTERATION: CALCITE	ALTERATION: ANKERITE	ALTERATION: DOLOMITE	ALTERATION: SERICITE	ALTERATION: SILICIFICATION	ALTERATION: SULFIDIZATION	FRACTURING	MINERALS	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE REC'Y/HOLE	DRILLING INTERVAL	% CORE RECOVERED	% SULPHIDES	ESTIMATED	SAMPLE No.	% SAMPLE RECOVERED	SAMPLE INTERVAL (m)	ASSAYS
90	Very strong		moderate to weak	moderate to weak	moderate to weak	v. weak			Pillowed Mafic Volcanic	90-105' EOH Pillowed (?) Mafic Volcanic - Continuation of unit above but much less dolomite and shearing - Pale green / grey / tan, wkly foliated, pillowed, soft. - May be ultramafic rock which would explain excess of free dolomite. - Thin pillow selvages (?) 1cm, comprised of quartz, calcite and minor pyrite. - Very strong calcite alteration and associated quartz-calcite stringers. - Trace pyrite as very fine-grained disseminated cubes. 105' EOH.			95%	tr.					
105'																			

Rob Abernethy

COMPOSITE DRILL LOG

CORE SIZE : 1" diameter | SCALE : | PROJECT : M69 | HOLE No. : RB83A

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED : Sept 5, 1988 | PAGE No. 1 OF 1

COORDINATES : 0470 N. 5+50W E | DATE FINISHED : Sept 5, 1988 | REF. TO CLAIM CORNER : 200m W and 60m S of Post # 1 of S37282

INCLINATION : -50° | AZIMUTH : 180° | TOTAL DEPTH : 65 ft | LOGGED BY : R. Abernethy

COMMENTS: Drilled to test intersection of IP anomaly with NW trending dyke

AVG. CORE REC'Y/HOLE

DEPTH (M)	ALTERATION	FRACTURING	MINERALS	GEOLOGY	DESCRIPTIVE GEOLOGY	DRILLING INTERVAL	% CORE RECOVERED	% SULPHIDES	ESTIMATED	SAMPLE No.	% SAMPLE RECOVERED	SAMPLE INTERVAL (M)	ASSAYS
					0-25' Overburden / Saprolite								
					25-55' Sericite - Carbonate Schist								
					- Highly altered and oxidized.								
					- Core ground to rubble								
					- Hole abandoned at 55' in oxidized seam.								

Rob Abernethy

COMPOSITE DRILL LOG

CORE SIZE : 1" diameter | SCALE : | PROJECT : M69 | HOLE No. : R8838

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED : Sept 6, 1988 | PAGE No. 1 OF 1

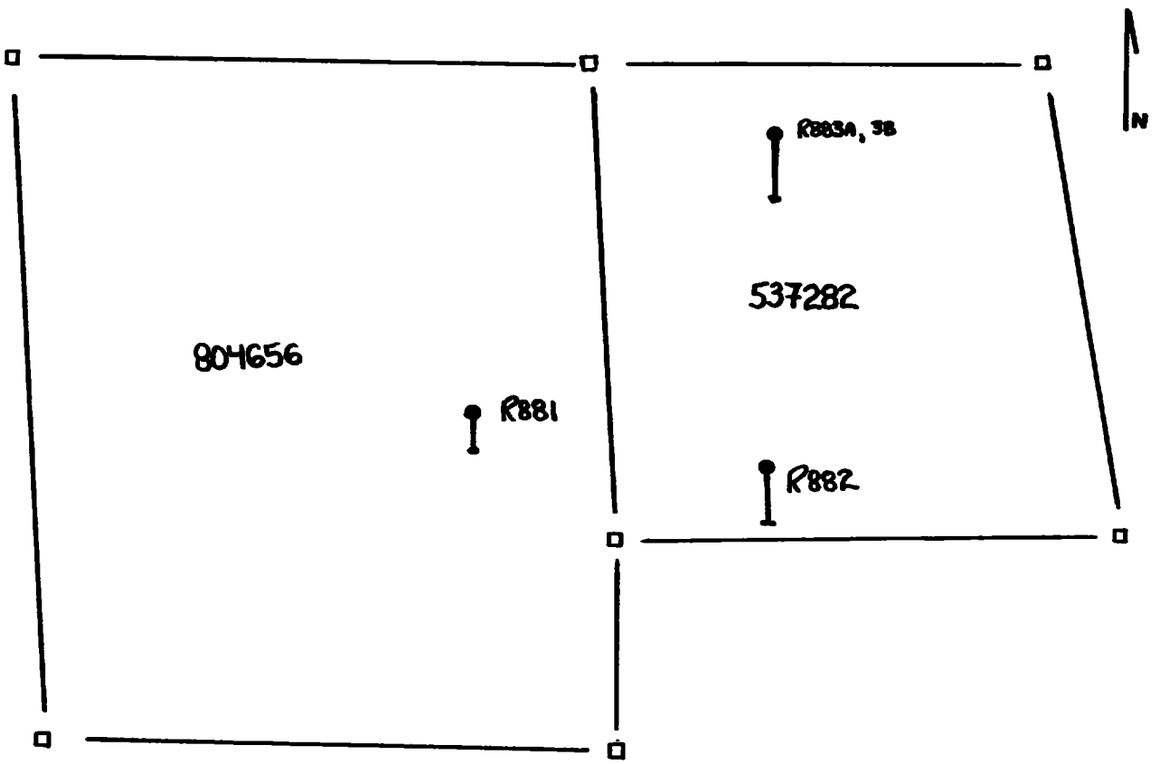
COORDINATES : 0+70 N. 5+50W E. | DATE FINISHED : Sept 7, 1988 | REF. TO CLAIM CORNER : 200m W and 60m S of Post #1 of 537282

INCLINATION : -60° | AZIMUTH : 180° | TOTAL DEPTH : 70 Ft m | LOGGED BY : R. Abernethy

DEPTH (m)	ALTERATION	FRACTURING	MINERALS	GEOLOGY	COMMENTS: / DESCRIPTIVE GEOLOGY	AVG. CORE REC'Y/HOLE	DRILLING INTERVAL	% CORE RECOVERED	% SULPHIDES	ESTIMATED	SAMPLE No.	% SAMPLE RECOVERED	SAMPLE INTERVAL (m)	ASSAYS
					0-10' Overburden/Saprolite 10'-70' Sericite-Carbonate Schist - Highly altered and oxidized. - Core ground to rubble. - Hole abandoned at 70' in oxidized seam.									

R. Abernethy

DRILL HOLE LOCATION MAP



SCALE: 1:5000

R. ABERNETHY
NOV 30, 1988

Ministry of Northern Development and Mines

Ont

Report of Work

DOCUMENT No. W8806.50173

Mining Act

Instructions – Supply required data on a separate form for each type of work to be recorded (see table below).
– For Geo-technical work use form no. 1382 "Report of Work (Geological, Geophysical, Geochemical and

41015SW0004 22 RANEY

900

Name and Postal Address of Recorded Holder

Guldrock Resources Inc.

c/o P.O. Box 1637, Timmins, ONTAR

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed: 273.25

for Performance of the following work. (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking Drifting or other Lateral Work.
- ☐ Compressed Air, other Power driven or mechanical equip.
- ☐ Power Stripping
- ☒ Diamond or other Core drilling
- ☐ Land Survey

Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
P	756783	20		756791	20			
	756784	20		756792	20			
	756785	20		756793	20			
	756786	20		851885	40			
	756787	20		851886	14.25			
	756788	20			13.25			
	756789	20						
	756790	20						

All the work was performed on Mining Claim(s): 804656, 537282

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

TYPE OF DRILL: Winkie GW15

DIAMETER OF CORE: A Inch

NAME, ADDRESS OF DRILL COMPANY: JR's Mining Venture

DRILLER: Henry and David Gonsalves

RECORDED

SEP 12 1988

ONTARIO GEOLOGICAL SURVEY
TIMMINS DISTRICT FOREST
OFFICE
DEC 16 1988
RECEIVED

NOTE: ALL RELEVANT INFORMATION INCLUDED ON DRILL LOGS.

RECEIVED
SEP 12 1988
3:00 P.M.

Date of Report	Recorded Holder or Agent (Signature)
SEPT 12, 1988	R.K. Abernethy

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

ROBERT K. ABERNETHY. P.O. BOX 1637 TIMMINS ONT P4N 7W8

Date Certified	Certified by (Signature)
SEPT 12, 1988	R.K. Abernethy

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific Information per type	Other Information (Common to 2 or more types)	Attachments
Manual Work Shaft Sinking, Drifting or other Lateral Work	NIL	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Compressed air, other power driven or mechanical equip.	Type of equipment		
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done.	
Diamond or other core drilling	Signed core log showing: footage, diameter of core, number and angles of holes.		Work Sketch (as above) in duplicate

MAGNETIC DECLINATION 9° WEST

ROLLO TWP.

SUBDIVISION OR COMPOSITE PLAN
RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF CROWN LA

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

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO 1913, VESTED IN ORIGINAL PATENTEE BY THE LANDS ACT, R.S.O. 1970, CHAP. 269, SEC. 63,

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000
METRES 0 200 1000 2000
(1 KM) (2 KM)

TOWNSHIP

RANEY

M.N.R. ADMINISTRATIVE DISTRICT

CHAPLEAU

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

SUDBURY

Ministry of Natural Resources — Land Management Branch