RGC Exploration PTY LTD
E.L. 966, HENTY PROJECT

052

SURFACE DIAMOND DRILLHOLE : HP049A

PROJECT IDEN : 5510
COLLAR NORTHING: 63856.60
DRILLED BY :L/Y

START DATE : 14 FEB 89
COLLAR EASTING : 79439.70
TOTAL LENGTH : 972.30

COMPLETION DATE :
COLLAR ELEVATION: 2688.07
CORE/HOLE SIZE : HQ

LOGGED BY:RHR
GRID AZIMUTH : 0.00

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		115.00	-71.00	63856.60	79439.70	2688.07
001	16.00		115.00	-71.75			
002	40.00		117.50	-71.75			
003	60.00		116.50	-71.50			
004	84.00		117.50	-72.00			
005	100.00		115.00	-72.00			
006	120.00		117.00	-71.50			
007	138.00		117.00	-72.00			
008	155.00		118.00	-71.50			
009	166.00		117.00	-72.00			
010	182.00		119.00	-72.00			
011	210.00		118.00	-72.00			
012	240.00		117.00	-72.00			
013	260.00		114.50	-71.75			
014	280.00		117.00	-71.75			
015	300.00		118.00	-72.00			
017	330.00		117.00	-69.00			
018	348.00		116.50	-67.50			
019	370.00		116.50	-66.00			
020	390.00		116.50	-65.00			
021	412.00		115.50	-63.00			
022	433.00		114.50	-62.50			
023	454.00		116.00	-61.00			
024	475.00		115.50	-59.00			
025	496.00		114.50	-57.00			
026	517.00		113.50	-56.00			
027	538.00		111.00	-52.00			
028	559.00		109.50	-49.00			
029	580.00		108.50	-47.25			
030	601.00		108.00	-46.75			
031	622.00		107.00	-44.75			
032	643.00		106.50	-42.25			
033	664.00		105.50	-40.00			
034	685.00		107.00	-39.00			
035	705.00		102.50	-35.50			
036	726.00		103.50	-33.75			
037	745.00		104.50	-30.50			
038	766.00		103.50	-28.00			

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SURFACE DIAMOND DRILLHOLE : HP049A (CONTINUED)

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
039	787.00		103.00	-26.50			
040	807.00		101.00	-25.00			
041	844.50		99.50	-22.25			
042	912.00		99.00	-20.00			
043	959.50		98.00	-17.25			

R HED HOLE PURPOSE:Wedge off HP049 to intersect 100m above HP049. At
R HED the original target for HP049.
R HED HOLE SIZE:316-EOH HQ.
R HED HOLE CONDITION:All rods removed.

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	317.80	411.70			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pinkish grey, patches of moderate k-feldspar alteration. 348.00 - 366.00: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: weakly foliated, cleavage: 40.	CENTRAL VOLCANICS
	411.70	422.30			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	422.30	428.00			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
	428.00	442.40			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
R	441.00	441.20			Layering line bedding? ash-fall, bedding at 45 deg to c.a..	
	442.40	472.40			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: strong carbonate-chlorite alteration, patches of moderate to strong hematite alteration, foliation: 32.	CENTRAL VOLCANICS
	472.40	482.30			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	482.30	488.00			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
	488.00	530.90			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	530.90	541.60			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: moderate carbonate-chlorite alteration, foliation: 34.	CENTRAL VOLCANICS
R	530.90	541.60			Chlorite-co3 alteration appears to be a regional style of	
R	530.90	541.60			alteration especially in mafics and also in felsics, -in felsic	
R	530.90	541.60			also get silica-k-feldspar alteration.	
	541.60	550.80			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS

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SURFACE DIAMOND DRILLHOLE : HP049A (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
	550.80	561.80			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
	561.80	612.50			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
R	568.90	574.50			Pink k-feldspar alteration is picking out the more felsic units.	
R	568.90	574.50			568.90 - 574.50: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink, moderate k-feldspar alteration.	
	612.50	634.00			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: patches of carbonate-chlorite alteration, foliation: 37.	CENTRAL VOLCANICS
	634.00	662.50			MIXED FELSIC AND MAFIC VOLCANICS. 634.00 - 641.00: 100% MIXED FELSIC AND MAFIC VOLCANICS: strongly broken core, with minor pug zones, upper contact: 54.	CENTRAL VOLCANICS
	662.50	676.00			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	676.00	817.40			MIXED FELSIC AND MAFIC VOLCANICS. 704.40 - 710.30: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: carbonate-chlorite alteration, foliation: 45. 723.00 - 731.50: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: foliation: 45. 737.30 - 738.30: 100% FAULT: BROKEN GROUND WITH PUG: mylonitic. 781.50 - 783.30: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: strong silica alteration. 789.80 - 817.40: 100% MIXED FELSIC AND MAFIC VOLCANICS: bleached, moderate to strongly broken core, with minor pug zones.	CENTRAL VOLCANICS
	817.40	833.95			HANGING WALL: STRONGLY BROKEN: strongly broken core, with prominent pug zones, foliation: 66, lower contact: 70.	CENTRAL VOLCANICS
R	817.40	833.95			Common pug zones parellel to lower contact of mylonitic fault zone.	
R	817.40	833.95				
	833.95	879.50			MYLONITE AND PUG: kink fold/s. 848.00 - 849.00: 100% MYLONITE AND PUG: foliation: 87. 850.70 - 855.20: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: weak to moderate silica-sericite-pyrite alteration. 875.10 - 879.50: 100% MYLONITE AND PUG: moderate to strong silica alteration.	HENTY FAULT ZONE
	879.50	881.30			CRUSH ZONE.	HENTY FAULT ZONE

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SURFACE DIAMOND DRILLHOLE : HP049A (CONTINUED)

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	881.30	893.90			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: sheared, 45° fold/s, moderate to strongly broken core, with minor gug zones, strong lower contact: 70.	
R	881.30	886.50			Lower contact is faulted. 881.30 - 886.50: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strong silica-sericite-pyrite alteration, veinlets of carbonate alteration. 882.60 - 883.00: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: shear: 50. 886.50 - 891.00: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderate silica-sericite-pyrite alteration. 891.00 - 893.90: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strong silica alteration.	
	893.90	897.40			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 30% quartz mineralisation.	
	897.40	901.80			QUARTZ-SULPHIDE MINERALISATION: moderate to strong quartz-sericite alteration, disseminations of weak pyrite alteration, 10% lenses of quartz mineralisation. 897.40 - 898.30: 100% INTENSE QUARTZ MINERALISATION: 80% massive quartz mineralisation, 2.5% blebs of fluorite.	
	901.80	909.90			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, veinlets of carbonate alteration, 30% quartz-base metal mineralisation, 2.5% coarse grained pyrite, 1% veinlets of chalcopyrite, 0.1% blebs of galena, 1% veinlets of sphalerite.	
	909.90	916.30			MAFIC /INTERMEDIATE VOLCANIC: strong carbonate-chlorite alteration.	TYNDALL VOLCANICS
	916.30	918.40			QUARTZ-SULPHIDE MINERALISATION: moderate silica-sericite-pyrite alteration, 20% quartz-base metal mineralisation, layers/bands of pyrite mineralisation.	
	918.40	920.80			INTENSE QUARTZ MINERALISATION: strong quartz-sericite alteration with co3, 60% massive quartz mineralisation.	
	920.80	933.00			QUARTZ-SULPHIDE MINERALISATION: patches of quartz-sericite alteration, patches of silica-sericite-pyrite alt. with co3, 20% quartz-base metal mineralisation.	

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Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
933.00	935.60			CARBONATE ZONE: carbonate alteration.	TYNDALL VOLCANICS
935.60	949.50			QUARTZ-SULPHIDE MINERALISATION. 935.60 - 937.20: 100% QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 5% quartz-base metal mineralisation. 937.20 - 941.60: 100% QUARTZ-SULPHIDE MINERALISATION: patches of strong silica-sericite-pyrite alteration, patches of strong quartz-sericite alteration, 60% quartz-base metal mineralisation, 5% coarse grained pyrite, 2.5% veinlets of chalcopyrite, 2.5% patches of galena. 941.60 - 949.50: 100% QUARTZ-SULPHIDE MINERALISATION: strong quartz-sericite alteration, 40% quartz-base metal mineralisation, 2.5% coarse grained pyrite, 1% veinlets of chalcopyrite, 0.3% patches of galena.	
949.50	972.30			LAVAS AND VOLCANICLASTICS: patches of very strong silica alteration, patches of very weak silica-sericite-pyrite alteration.	TYNDALL VOLCANICS