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

SURFACE DIAMOND DRILLHOLE : HP057

PROJECT IDEN : 5510
COLLAR NORTHING: 63748.80
DRILLED BY :LY

START DATE : 17 APR 89
COLLAR EASTING : 79547.00
TOTAL LENGTH : 702.90

COMPLETION DATE : 22 APR 89
COLLAR ELEVATION: 2654.30
CORE/HOLE SIZE : HQ

LOGGED BY:PHR
GRID AZIMUTH : 0.00

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		102.00	-66.50	63748.80	79547.00	2654.30
001	21.00		101.00	-66.50			
002	42.00		101.50	-66.00			
003	69.00		98.50	-65.00			
004	90.00		100.00	-65.00			
005	111.00		100.00	-64.50			
006	141.00		103.00	-63.50			
007	162.00		101.00	-62.75			
008	192.00		102.50	-61.00			
009	222.00		102.50	-59.00			
010	243.00		102.50	-58.00			
011	273.00		104.50	-56.00			
012	305.00		106.00	-53.50			
013	338.00		106.00	-51.50			
014	344.00		104.50	-51.50			
015	359.00		106.00	-51.00			
016	377.00		108.00	-50.50			
017	387.00		104.25	-51.00			
018	395.00		106.50	-51.00			
019	411.00		105.00	-50.50			
020	428.00		106.00	-50.00			
021	444.00		107.00	-50.00			
022	462.00		107.00	-49.75			
023	487.00		106.00	-49.75			
024	507.00		106.00	-50.00			
025	527.00		105.00	-49.00			
026	548.00		104.00	-48.25			
027	576.00		105.50	-47.00			
028	600.00		100.00	-44.50			
029	690.00		103.00	-41.00			

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HOLE PURPOSE:To test for gold mineralisation on a southern plunge on section 63700N and 2100RL.
HOLE SIZE:0-EOH HQ.
HOLE CONDITION:Hole cored to 704.9m. Rods bogged only recovered 702.9m. Cut rods at 618m. Rods in hole from 618m to bottom, plus barrel and tube.

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SURFACE DIAMOND DRILLHOLE : HP067 (CONTINUED)

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	13.10			NO CORE.	
	13.10	27.20			HANGING WALL:WEATHERED.	CENTRAL VOLCANICS
	27.20	212.30			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
R	27.20	75.30			Patches of limonite. 138.30 - 159.00: 100% MIXED FELSIC AND MAFIC VOLCANICS: patches of strong carbonate-hematite alteration.	
	212.30	229.20			PREDOMINANTLY MAFIC VOLCANICS: upper contact: c.a. / 45.	CENTRAL VOLCANICS
	229.20	305.00			MIXED FELSIC AND MAFIC VOLCANICS. 254.00 - 280.00: 100% MIXED FELSIC AND MAFIC VOLCANICS: patches of moderate carbonate-hematite alteration, foliation: c.a. / 35.	CENTRAL VOLCANICS
	305.00	344.60			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: dark green, feldspar phyric, pervasive strong chlorite alteration. 338.60 - 342.80: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: hematite alteration.	CENTRAL VOLCANICS
	344.60	358.80			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	358.80	377.50			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
	377.50	398.70			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
R	377.50	398.70			Fine jagged contacts between minor felsic bands and mafics.	
	398.70	462.10			MIXED FELSIC AND MAFIC VOLCANICS: moderate to strong hematite alteration.	CENTRAL VOLCANICS
R	398.70	462.10			Hematitic alteration primarily hits felsic units.	
	462.10	494.00			PREDOMINANTLY MAFIC VOLCANICS: lower contact: c.a. / 40.	CENTRAL VOLCANICS
	494.00	535.20			MIXED FELSIC AND MAFIC VOLCANICS: moderately broken core, with prominent pug zones.	CENTRAL VOLCANICS
R	522.90	523.10			Pug zones vary from 40-60 deg. to c.a.. 522.90 - 523.10: PUG ZONE: fault: c.a. / 52.	
	535.20	549.60			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	549.60	604.00			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: moderate to strongly broken core, with prominent pug zones.	CENTRAL VOLCANICS
R	549.60	604.00			Puggy zones and foliation typically 60 deg. to c.a..	

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SURFACE DIAMOND DRILLHOLE : HP057 (CONTINUED)

	Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
	604.00	611.70			HANGING WALL: SHEARED: sheared c.a. / 60.	CENTRAL VOLCANICS
	611.70	641.50			MYLONITE AND PUG.	HENTY FAULT ZONE
R	611.70	641.50			Mylonitic fabric typically 60-70 deg. to c.a. 637.10 - 641.50: 100% MYLONITE AND PUG: coatings of batchelorite.	
	641.50	653.00			CRUSH ZONE. 645.50 - 653.00: 100% CRUSH ZONE: strong mineralised, strong quartz-sericite alteration, 30% quartz mineralisation, 2.5% coarse grained pyrite, 1% blebs of galena.	HENTY FAULT ZONE
	653.00	654.90			INTENSE QUARTZ MINERALISATION: strong quartz-sericite alteration, patches of strong silica-sericite-pyrite alteration, 50% quartz mineralisation, 2.5% coarse grained pyrite, 0.3% blebs of chalcopyrite, 1% disseminations of galena.	
	654.90	661.70			UNDIFFERENTIATED ALTERED VOLCANICLASTICS. 654.90 - 655.40: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strong carbonate-hematite alteration. 655.40 - 661.70: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: very strong chlorite alteration, patches of strong silica alteration.	
	661.70	664.00			QUARTZ-SULPHIDE MINERALISATION: lenses of strong carbonate alteration, pervasive strong silica-sericite-pyrite alteration, 2.5% nodules of quartz-base metal mineralisation.	
	664.00	665.40			QUARTZ-SULPHIDE MINERALISATION: strong quartz-sericite alteration, 40% quartz-base metal mineralisation, foliation: c.a. / 54, 2.5% coarse grained pyrite, 0.1% blebs of chalcopyrite, 0.3% blebs of galena, 0.1% blebs of sphalerite.	
	665.40	666.40			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: lenses of strong carbonate-hematite alteration, patches of strong silica-sericite-pyrite alteration, 1% coarse grained pyrite.	
	666.40	670.40			QUARTZ-SULPHIDE MINERALISATION: strong quartz-sericite alteration, 50% quartz-base metal mineralisation, 5% coarse grained pyrite, 2.5% lenses of chalcopyrite, 5% lenses of galena, 2.5% lenses of sphalerite.	

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SURFACE DIAMOND DRILLHOLE : HP057 (CONTINUED)

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Interval From (m)	Interval To (m)	Rec. (m)	RQD (m)	Description	Unit
670.40	672.00			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 10% quartz-copper mineralisation, 5% coarse grained pyrite, 1% blebs of chalcopyrite.	
672.00	673.70			QUARTZ-SULPHIDE MINERALISATION: lenses of strong carbonate-hematite alteration, strong silica-sericite-pyrite alteration, 2.5% quartz-copper mineralisation, 1% coarse grained pyrite, 0.3% blebs of chalcopyrite.	
673.70	678.70			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, veinlets of carbonate alteration, 5% quartz-base metal mineralisation, 10% lenses of massive pyrite mineralisation, foliation: c.a. / 45, 5% coarse grained pyrite, 1% blebs of chalcopyrite, 0.3% blebs of galena.	
678.70	699.40			MIXED VOLCANICLASTICS & EPICLASTICS: lenses of very strong carbonate alteration, patches of carbonate-hematite alteration. 678.70 - 699.40: 100% MIXED VOLCANICLASTICS & EPICLASTICS: weak chlorite alteration, 1% disseminations of pyrite.	TYNDALL VOLCANICS
699.40	702.90			QUARTZ-PHYRIC RICH VOLCANICLASTICS.	TYNDALL VOLCANICS

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