RGC Exploration PTY LTD
E.L. 965, MENTY PROJECT

024

SURFACE DIAMOND DRILLHOLE : HP047

PROJECT IDEN : 5510 | START DATE : 31 AUG 88 | COMPLETION DATE : 15 OCT 88 | LOGGED BY:SMR
COLLAR NORTHING: 63931.20 | COLLAR EASTING : 79799.10 | COLLAR ELEVATION: 2636.50 | GRID AZIMUTH : 0.00
DRILLED BY :LONGYEAR BP | TOTAL LENGTH : 500.60 | CORE/HOLE SIZE : HQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
000	0.00		107.00	-66.00	63931.20	79799.10	2636.50
001	32.00		107.50	-66.50			
002	62.00		106.00	-66.25			
003	92.00		105.00	-66.25			
004	122.00		102.50	-64.75			
005	152.00		98.00	-63.00			
006	182.00		101.00	-61.50			
007	212.00		100.50	-60.00			
008	242.00		100.00	-59.00			
009	266.00		97.50	-57.25			
010	290.00		96.00	-55.00			
011	306.00		95.50	-54.75			
012	325.00		97.00	-54.50			
013	343.00		96.50	-54.50			
014	362.00		96.00	-53.00			
015	397.00		91.00	-45.00			
016	459.00		92.00	-43.00			
017	487.00		91.00	-41.00			

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HOLE PURPOSE:Test for gold mineralisation 150m above and to the north of HP042.
HOLE SIZE:25-500.5 HQ.
HOLE CONDITION:All rods removed. All casing removed. Hole lost water at 45m, 125m, 229m.

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SURFACE DIAMOND DRILLHOLE : HP047 (CONTINUED)

	From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
	0.00	25.20			NO CORE.	
	25.20	83.00			HANGING WALL:WEATHERED. 34.30 - 43.10: 100% HANGING WALL:WEATHERED: strongly broken core, with minor pug zones, quartz vein/s.	CENTRAL VOLCANICS
R	45.00	45.20			Hole making H2O probably in fault zone between 34.3m and 43.1m. 64.90 - 74.50: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: limonitic. 74.50 - 83.00: 100% PREDOMINANTLY MAFIC VOLCANICS: limonitic.	
	83.00	121.00			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
R	89.40	90.70			Quartz-CO3 veining on contacts. 89.40 - 90.70: 100% PREDOMINANTLY MAFIC VOLCANICS: upper contact: 34. 94.00 - 96.70: 100% PREDOMINANTLY MAFIC VOLCANICS. 103.00 - 103.10: 100% PREDOMINANTLY MAFIC VOLCANICS: dyke: 27. 117.10 - 117.20: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: quartz carbonate vein/s. 120.00 - 120.10: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: foliation: 30.	
	121.00	129.20			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	129.20	144.90			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
R	129.50	129.51			Lost water.	
	144.90	157.40			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	157.40	177.90			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
	177.90	205.40			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
R	177.90	205.40			Wide bands of mafics with felsic volcanics. 184.70 - 184.80: 100% PREDOMINANTLY MAFIC VOLCANICS: foliation: 45, contact: 45.	
	205.40	223.00			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
	223.00	245.90			PREDOMINANTLY MAFIC VOLCANICS.	CENTRAL VOLCANICS
	245.90	293.30			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS.	CENTRAL VOLCANICS
	293.30	385.50			MIXED FELSIC AND MAFIC VOLCANICS. 295.60 - 303.10: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: foliation: 47.	CENTRAL VOLCANICS

	- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
					310.20 - 313.00: 100% PREDOMINANTLY MAFIC VOLCANICS: moderate to strongly broken core, with minor pug zones. 318.50 - 385.50: 100% MIXED FELSIC AND MAFIC VOLCANICS: lower contact: 90. 322.70 - 325.00: 100% MIXED FELSIC AND MAFIC VOLCANICS: moderately broken core, with minor pug zones.	
R	327.70	327.71			Small pug zone at contact.	
R	327.70	327.71			pink-red.	
R	327.70	327.71			Mafic units are dark green and felsic units are a darker	
R	327.70	327.71			From this contact the chlorite/K-feldspar alteration increases.	
					327.70 - 362.10: 100% MIXED FELSIC AND MAFIC VOLCANICS: pink-green, moderate to strong k-feldspar-chlorite alteration. 335.90 - 338.20: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: moderately broken core, with minor pug zones, upper contact: 90, lower contact: 49. 335.90 - 338.20: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: quartz vein/s. 357.50 - 358.30: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: weak to moderately broken core, with minor pug zones. 363.90 - 368.70: 100% MIXED FELSIC AND MAFIC VOLCANICS: weak to moderately broken core. 380.80 - 385.50: 100% MIXED FELSIC AND MAFIC VOLCANICS: weak to moderately broken core, with minor pug zones.	
	385.50	398.80			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: moderate to strong silica alteration.	CENTRAL VOLCANICS
	398.80	400.50			HANGING WALL: STRONGLY BROKEN.	CENTRAL VOLCANICS
	400.50	412.30			MYLONITE AND PUG. 400.50 - 408.40: 100% MYLONITE AND PUG: pink. 408.40 - 412.30: 100% MYLONITE AND PUG: green.	HENTY FAULT ZONE
	412.30	417.40			CRUSH ZONE.	HENTY FAULT ZONE
	417.40	443.60			QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, patches of moderate to strong quartz-sericite alteration, quartz-base metal mineralisation, 1% blebs of chalcopyrite, 2.5% blebs of sphalerite. 417.40 - 434.70: 100% QUARTZ-SULPHIDE MINERALISATION: weak to moderately broken core, with minor pug zones. 422.00 - 429.60: 100% QUARTZ-SULPHIDE MINERALISATION: patches of strong quartz-sericite alteration, 5% blebs of sphalerite. 432.70 - 435.50: 100% QUARTZ-SULPHIDE MINERALISATION: patches	

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- Interval - From (m)	To (m)	Rec. (m)	RQD (m)	Description	Unit
				of strong quartz-sericite alteration. 434.00 - 435.40: 100% INTENSE QUARTZ MINERALISATION: silica veined, 1% blebs of chalcopyrite, 5% blebs of sphalerite. 434.70 - 443.60: 100% QUARTZ-SULPHIDE MINERALISATION: not broken core. 439.60 - 440.60: 100% QUARTZ-SULPHIDE MINERALISATION: lenses of pyrite mineralisation. 439.95 - 440.00: 100% QUARTZ-SULPHIDE MINERALISATION: massive sulphide. 441.70 - 441.90: 100% QUARTZ-SULPHIDE MINERALISATION: banded, massive sulphide, banding: 68.	
443.60	444.50			LAVAS AND VOLCANICLASTICS: patches of weak silica-sericite-pyrite alteration.	TYNDALL VOLCANICS
444.50	448.40			CARBONATE ZONE: very strong carbonate-hematite alteration, patches of moderate silica-sericite-pyrite alteration, 1% lenses of pyrite, 0.1% disseminations of chalcopyrite.	TYNDALL VOLCANICS
448.40	486.50			LAVAS AND VOLCANICLASTICS. 448.40 - 451.90: 100% LAVAS AND VOLCANICLASTICS: patches of moderate to strong silica-sericite alteration, patches of very weak carbonate alteration, 2.5% disseminations of pyrite. 451.90 - 456.30: 100% INTENSELY SILICIFIED ZONE: strong silica alteration. 456.30 - 459.60: 100% LAVAS AND VOLCANICLASTICS: moderate to strong silica alteration. 459.60 - 462.30: 100% LAVAS AND VOLCANICLASTICS: moderate silica-sericite-pyrite alt. with co3. 462.30 - 466.00: 100% LAVAS AND VOLCANICLASTICS: veinlets of weak carbonate alteration. 466.00 - 473.20: 100% LAVAS AND VOLCANICLASTICS: weak to moderate silica-sericite-pyrite alteration, veinlets of weak to moderate carbonate alteration, 5% disseminations of pyrite. 473.20 - 475.70: 100% INTENSELY SILICIFIED ZONE: very strong silica alteration, veinlets of quartz-pyrite mineralisation. 475.70 - 476.90: 100% UNDIFFERENTIATED ALTERED VOLCANICLASTICS: moderate to strong silica-sericite-pyrite alteration, quartz-pyrite mineralisation. 476.90 - 486.50: 100% LAVAS AND VOLCANICLASTICS: patches of weak silica-sericite-pyrite alteration.	TYNDALL VOLCANICS
486.50	496.80			INTENSELY SILICIFIED ZONE: crackled, very strong silica alteration.	

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