

## SURFACE DIAMOND DRILLHOLE : HP057A

PROJECT IDEN : 5510  
COLLAR NORTHING: 63749.16  
DRILLED BY : LYSTART DATE : 16 JUN 89  
COLLAR EASTING : 79546.59  
TOTAL LENGTH : 700.00COMPLETION DATE : 23 JUN 89  
COLLAR ELEVATION: 2654.54  
CORE/HOLE SIZE : HQLOGGED BY:RHR  
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	63749.16	79546.59	2654.54
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	245.00		102.50	-54.00			
011	278.00		101.00	-45.50			
012	298.00		101.00	-45.50			
013	318.00		101.00	-45.50			
014	339.00		100.00	-45.00			
015	359.00		98.50	-43.50			
016	380.00		98.00	-41.00			
017	401.00		97.00	-38.25			
018	434.00		99.00	-35.50			
019	455.00		99.00	-33.30			
020	479.00		97.00	-27.50			
021	510.00		98.00	-25.75			
022	537.00		99.00	-24.00			
023	570.00		102.00	-21.50			
024	600.00		102.00	-20.00			
025	640.00		102.00	-18.75			
026	695.00		102.00	-16.50			

R HED  
R HED  
R HEDHOLE PURPOSE:Wedge off HP057. Targetted at 63700N, 2200E.  
HOLE SIZE:0-ECH HQ.  
HOLE CONDITION:All rods removed. PVC pipe in collar HP057.

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 E.L. 966, HENTY PROJECT  
 SURFACE DIAMOND DRILLHOLE : HP057A (CONTINUED)

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	Interval	Rec.	RQD	Description	Unit
	From (m) To (m)	(m)	(%)		
	0.00 236.50			PH.	
R	0.00 336.51			Wedge from hp057.	
	236.50 248.70			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
	248.70 285.80			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink.	CENTRAL VOLCANICS
	285.80 291.80			PREDOMINANTLY MAFIC VOLCANICS: green.	CENTRAL VOLCANICS
	291.80 325.10			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: green.	CENTRAL VOLCANICS
	325.10 331.80			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink, strong hematite alteration.	CENTRAL VOLCANICS
	331.80 350.00			PREDOMINANTLY MAFIC VOLCANICS: green, with hornblende phenocrysts.	CENTRAL VOLCANICS
	350.00 374.50			337.50 - 340.60: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink.	
	374.50 388.80			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS
	388.80 400.05			PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink-green.	CENTRAL VOLCANICS
	400.05 430.20			PREDOMINANTLY MAFIC VOLCANICS: green.	CENTRAL VOLCANICS
	430.20 449.40			MIXED FELSIC AND MAFIC VOLCANICS: quartz carbonate vein/s. 400.30 - 400.50: 100% MIXED FELSIC AND MAFIC VOLCANICS: weakly broken core, with minor pug zones.	CENTRAL VOLCANICS
	449.40 475.30			PREDOMINANTLY MAFIC VOLCANICS: quartz carbonate vein/s; chlorite vein/s; veinlets of sericite.	CENTRAL VOLCANICS
				PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS. 449.40 - 457.80: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: grey, weak sericite-chlorite alteration, patches of very weak carbonate alteration, foliation: c.a. / 53. 457.80 - 464.50: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink-green, weak sericite-chlorite alteration, patches of weak to moderate k-feldspar alteration. 464.50 - 475.30: 100% PREDOMINANTLY FELSPAR-PHYRIC VOLCANICS: pink, moderate k-feldspar alteration, patches of very weak carbonate alteration, foliation: c.a. / 55.	CENTRAL VOLCANICS
	475.30 479.00			MIXED FELSIC AND MAFIC VOLCANICS.	CENTRAL VOLCANICS

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IGC Exploration PTY LTD  
 E.L. 356, HENTY PROJECT  
 SURFACE DIAMOND DRILLHOLE : HF057A (CONTINUED)

	Interval	Rec.	RQD	Description	Unit
	From (m) To (m)	(m)	(m)		
R	476.55 476.57			Thin zone of intense pug development.	
	479.00 491.20			PREDOMINANTLY MAFIC VOLCANICS: weak carbonate alteration, hematite vein/s: quartz vein/s. 480.40 - 482.00: 100% PREDOMINANTLY MAFIC VOLCANICS: strongly broken core, with prominent pug zones.	CENTRAL VOLCANICS
	491.20 553.90			MIXED FELSIC AND MAFIC VOLCANICS. 506.80 - 511.50: 100% MIXED FELSIC AND MAFIC VOLCANICS: moderate to strongly broken core. 506.90 - 507.10: 100% MIXED FELSIC AND MAFIC VOLCANICS: 10% coatings of chlorite, 1% coatings of pyrite. 508.80 - 509.40: 100% MIXED FELSIC AND MAFIC VOLCANICS: quartz vein/s: 2.5% coarse grained pyrite.	CENTRAL VOLCANICS
R	513.60 513.65			Major pug zone.	
R	515.70 515.73			Major pug zone.	
R	516.40 516.41			Pug zone.	
	516.50 - 525.10			100% MIXED FELSIC AND MAFIC VOLCANICS: hematite vein/s: quartz carbonate vein/s.	
R	531.90 532.00			Major pug zone.	
	539.10 - 546.00			100% MIXED FELSIC AND MAFIC VOLCANICS: moderately broken core, with minor pug zones.	
	546.00 - 552.50			100% MIXED FELSIC AND MAFIC VOLCANICS: strongly broken core, with prominent pug zones.	
	553.90 592.05			HYLONITE AND PUG: kink fold/s.	HENTY FAULT ZONE
	592.05 594.10			QUARTZ-SULPHIDE MINERALISATION: moderately broken core, with minor pug zones, patches of strong silica-sericite-pyrite alteration, patches of strong quartz-sericite alteration, 20% quartz-pyrite mineralisation.	
	594.10 597.00			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strongly broken core, with minor pug zones, moderate to strong silica alteration with co3.	
	597.00 607.00			QUARTZ-SULPHIDE MINERALISATION: moderate to strongly broken core, with prominent pug zones, strong silica-sericite-pyrite alteration, 5% patches of quartz-pyrite mineralisation.	
R	597.00 597.05			Major pug zone.	
	597.20 - 597.30			100% QUARTZ-SULPHIDE MINERALISATION: quartz-copper mineralisation, 10% veinlets of chalcopyrite.	
	607.00 609.60			UNDIFFERENTIATED ALTERED VOLCANICLASTICS: patches of moderate	

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SGC Exploration PTY LTD  
 E.L. 986, HENRY PROJECT  
 SURFACE DIAMOND DRILLHOLE : HP057A (CONTINUED)

Unit

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	Interval From (m) To (m)	Rec. (m)	RQD (m)	Description	Unit
				silica-sericite-pyrite alteration.	
	609.60	612.00		UNDIFFERENTIATED ALTERED VOLCANICLASTICS: strong silica alteration with op3.	
	612.00	617.20		UNDIFFERENTIATED ALTERED VOLCANICLASTICS: patches of moderate to strong silica-sericite-pyrite alteration, lenses of weak to moderate carbonate alteration.	
	617.20	626.80		LAVAS AND VOLCANICLASTICS: pink, patches of strong silica alteration.	TYNDALL VOLCANICS
	626.80	637.70		QUARTZ-PHYRIC RICH VOLCANICLASTICS: light grey, weak to moderate silica-sericite-pyrite alteration, 2.5% veinlets of pyrite.	TYNDALL VOLCANICS
R	626.80	626.85		Major pug zone at contact.	
	637.70	649.40		FELDSPAR-PHYRIC RICH VOLCANICLASTICS.	TYNDALL VOLCANICS
R	637.70	649.40		Mixture of feldspar rich and minor quartz phyric fine-grained volcaniclastics and sediments.	
R	637.70	649.40			
	649.40	658.70		FINE-GRAINED VOLCANICLASTICS: very weak silica-sericite-pyrite alteration, 2.5% veinlets of carbonate.	TYNDALL VOLCANICS
R	649.40	700.00		Mixture of fine and coarse-grained volcaniclastics. Possibly a near source volcanic sequence with sedimentary characteristics.	
R	649.40	700.00			
	658.70	665.90		LAVAS AND VOLCANICLASTICS: weak to moderate silica-sericite-pyrite alteration, 2.5% veinlets of carbonate.	TYNDALL VOLCANICS
	665.90	667.60		QUARTZ-SULPHIDE MINERALISATION: strong silica-sericite-pyrite alteration, 20% quartz-copper mineralisation, 10% lenses of carbonate, 10% coarse grained pyrite, 1% blebs of chalcopyrite.	
	667.60	675.40		LAVAS AND VOLCANICLASTICS. 667.60 - 668.80: 100% LAVAS AND VOLCANICLASTICS: pink, moderate to strong silica alteration. 668.80 - 675.40: 100% LAVAS AND VOLCANICLASTICS: white, very strong silica alteration.	TYNDALL VOLCANICS
R	672.50	675.40		Fine-grained dark grey silicified material within white intense silicified rock.	
R	672.50	675.40			
	675.40	684.90		VERY FINE GRAINED(SHALEY) EPICLASTIC. 675.40 - 684.90: 100% VERY FINE GRAINED(SHALEY) EPICLASTIC:	TYNDALL VOLCANICS

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RGC Exploration PTY LTD  
 E.L. 956, HENRY PROJECT  
 SURFACE DIAMOND DRILLHOLE : HP057A (CONTINUED)

Interval From (m) To (m)	Rec. (m)	RQD (m)	Description	Unit
			dark green. 678.30 - 678.80: 100% VERY FINE GRAINED (SHALEY) EPICLASTIC; strong silica alteration. 679.00 - 684.90: 100% VERY FINE GRAINED (SHALEY) EPICLASTIC; grey-green.	
684.90	690.10		COARSE-GRAINED (PEBBLY) EPICLASTIC. 686.40 - 687.00: 100% COARSE-GRAINED (PEBBLY) EPICLASTIC; very strong silica-hematite alteration. 687.90 - 690.10: 100% COARSE-GRAINED (PEBBLY) EPICLASTIC; pink-green, patches of very strong hematite alteration.	TYNDALL VOLCANICS
690.10	692.10		VERY FINE GRAINED (SHALEY) EPICLASTIC; light green, banding; c.a. / 40, lower contact: c.a. / 50.	TYNDALL VOLCANICS
692.10	700.00		COARSE-GRAINED (PEBBLY) EPICLASTIC; pink-green. 698.90 - 699.10: 100% MAJOR QUARTZ VEIN; 20% veinlets of chlorite, 0.3% slugs of chalcopyrite. 699.10 - 700.00: 100% COARSE-GRAINED (PEBBLY) EPICLASTIC; strong silica alteration.	TYNDALL VOLCANICS

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