

Mount Julia Project

DIAMOND DRILLHOLE : MJ002

PROJECT IDEN : MTJULIA START DATE : 25 NOV 93 COMPLETION DATE : 15 DEC 93 LOGGED BY: SCOTT HALLEY  
 COLLAR NORTHING: 5361899.00 COLLAR EASTING : 379792.31 COLLAR ELEVATION: 559.50 GRID AZIMUTH : 0.00  
 DRILLED BY : DDTAS TOTAL LENGTH : 313.00 CORE/HOLE SIZE : HQNQ

SURVEY FLAG	SURVEY POINT LOCATION	FORESIGHT	AZIMUTH (DEGREES)	VERTICAL ANGLE (DEGREES)	NORTHING	EASTING	ELEVATION
00	0.00		268.00	-60.00	5361899.00	379792.31	559.50
01	30.00		267.00	-57.50			
02	60.00		267.00	-56.00			
03	90.00		268.00	-55.60			
04	120.00		269.00	-54.00			
05	150.00		270.00	-54.00			
06	180.00		271.00	-53.20			
07	210.00		271.00	-53.00			
08	240.00		273.00	-52.70			
09	270.00		273.00	-52.30			
10	300.00		273.00	-52.00			

{ HED This hole was designed to test for Henty -Style mineralisation  
 { HED in the altered footwall rocks of a carbonate-exhalite horizon  
 { HED at the base of the Tyndall Group.  
 { HED Tricone  
 { HED HQ  
 { HED NQ

Interval	Description	Unit
From (m) To (m)		
0.00 4.00	NO CORE (PRECOLLAR).	
4.00 80.00	MEDIUM QTZ-FSPAR PHYRIC VOLCANICLASTIC: pink.	CAMBRIAN TYNDALL GROUP-COMSTOCK TUFF
4.00 19.00	Pervasive albitization has obscured primary volcanic textures.	
	4.00 - 17.20 100% MEDIUM QTZ-FSPAR PHYRIC VOLCANICLASTIC: white.	
	STRUCTURE: moderately broken core and limonitic.	
	ALTERATION: moderately weathered, moderately albitised.	
	19.30 - 29.00 100% MEDIUM QTZ-FSPAR PHYRIC VOLCANICLASTIC: pale orange.	
	TEXTURE: 1.0mm to 4.0mm coarsest fraction.	
	29.00 - 31.70 100% MEDIUM QTZ-FSPAR PHYRIC VOLCANICLASTIC: medium grey.	
	TEXTURE: 4.0mm to 16.0mm coarsest fraction.	
	31.70 - 32.55 100% MEDIUM QTZ-FSPAR PHYRIC VOLCANICLASTIC.	
	TEXTURE: 1.0mm to 4.0mm coarsest fraction.	
	32.55 - 37.20 100% MEDIUM QTZ-FSPAR PHYRIC VOLCANICLASTIC.	

101041

- Interval - From (m) To (m)	Description	Unit
	TEXTURE: 4.0mm to 16.0mm coarsest fraction. 37.20 - 53.00 100% MEDIUM QTZ-FSPAR PHYRIC VOLCANICLASTIC. TEXTURE: 1.0mm to 4.0mm coarsest fraction. 42.80 - 42.90 100% FAULT. STRUCTURE: strongly broken core with minor pug zones, fault: 55 degrees dip long core axis. 53.00 - 80.00 100% MEDIUM QTZ-FSPAR PHYRIC VOLCANICLASTIC. TEXTURE: 4.0mm to 16.0mm coarsest fraction.	
80.00 80.30	FAULT. STRUCTURE: strongly broken core with minor pug zones.	
80.30 198.55	QUARTZ PHYRIC RHYOLITIC LAVA. STRUCTURE: moderately broken core due to jointing. This is a lava with false breccia texture produced by alteration along fractures. It has auto-breccias and flow banding in places.	CAMBRIAN TYNDALL GROUP-LAVA
80.30 198.55	80.30 - 82.80 100% QUARTZ PHYRIC RHYOLITIC LAVA. ALTERATION: strongly siliceous, strongly albitised.	
80.30 198.55	80.30 - 122.80 100% QUARTZ PHYRIC RHYOLITIC LAVA: medium grey.	
80.30 198.55	105.50 - 112.00 100% QUARTZ PHYRIC RHYOLITIC LAVA: white. STRUCTURE: joint/fracture: 45 degrees dip long core axis. ALTERATION: strongly siliceous, strongly albitised.	
	122.80 - 198.55 100% QUARTZ PHYRIC RHYOLITIC LAVA: red. 175.50 - 176.00 100% FAULT. STRUCTURE: fault: 05 degrees dip long core axis.	
198.55 212.55	FELDSPAR PHYRIC QTZ PHYRIC SANDY CRYSTAL-RICH VOLCANICLASTIC: dark pink. TYPIFYING MINERALS: lithics. TEXTURE: 4.0mm to 16.0mm coarsest fraction. MINERALOGY: 2.5% veins of carbonate.	CAMBRIAN TYNDALL GROUP-COMSTOCK TUFF
198.55 212.55	This is an extremely crystal rich unit with a graded top.	
212.55 215.75	SILTY EPICLASTIC: medium grey. STRUCTURE: bedding: 80 degrees dip 070 dip direction. TEXTURE: bedded. MINERALOGY: 2.5% veins of carbonate, .03% disseminations & scattered crystals of pyrite.	
215.75 216.60	LIMESTONE. STRUCTURE: cleavage/foliation: 50 degrees dip long core axis. MINERALOGY: 80% layers/bands of carbonate.	
215.75 216.60	Mixed bands of carbonate and pale carbonate-altered	

	Interval From (m)	To (m)	Description	Unit
R	215.75	216.60	volcaniclastic.	
	216.60	223.00	FELDSPAR PHYRIC LAVA: light grey. MINERALOGY: 10% layers/bands of carbonate, 0.1% veins of pyrite, 5% veins of carbonates.	
	223.00	228.60	FELDSPAR PHYRIC LAVA: orange. MINERALOGY: 10% veins of carbonate.	
R	225.00	226.20	Irregular bands of red jasper.	
	228.60	234.90	LIMESTONE: pink. TYPIFYING MINERALS: hematite. STRUCTURE: cleavage/foliation: 45 degrees dip long core axis. MINERALOGY: 70% layers/bands of carbonate.	
R	228.60	234.90	This is a limestone unit mixed with bands of fine-grained green	
R	228.60	234.90	chloritic volcaniclastics.	
	234.90	240.70	BRECCIA LAVA: orange. MINERALOGY: 20% stockwork of carbonate.	
	240.70	249.75	LIMESTONE: pink. TYPIFYING MINERALS: hematite. STRUCTURE: cleavage/foliation: 45 degrees dip long core axis. TEXTURE: fossiliferous. MINERALOGY: layers/bands of carbonate.	
	249.75	259.25	FELDSPAR PHYRIC LAVA: dark grey. STRUCTURE: basal contact is faulted. TEXTURE: crackled, microveined. ALTERATION: strongly siliceous, strongly pyritic. MINERALOGY: 2.5% veins of pyrite. 250.40 - 251.00 80% VEIN. MINERALOGY: 80% veins of quartz. 252.50 - 254.90 100% FELDSPAR PHYRIC LAVA. MINERALOGY: 5% layers/bands of pyrite.	
	259.25	261.20	SCHIST: light green. TEXTURE: very strongly foliated. ALTERATION: strongly sericitic, moderately siliceous.	
R	259.25	261.20	This is a strongly foliated, sericitic, pyrite-free interval.	
	261.20	268.00	FAULT.	
R	261.20	268.00	STRUCTURE: very strongly broken core with prominent pug zones. South Henty fault	

R.G.C. Exploration Pty Ltd  
 Mount Julia Project  
 DIAMOND DRILLHOLE : MJ002 (CONTINUED)

	Interval	Description	Unit
	From (m) To (m)		
		266.70 - 268.00 100% FAULT: medium green. ALTERATION: strongly siliceous. MINERALOGY: 10% layers/bands of fuchsite.	
	268.00 313.00	SANDY ANDESITIC EPICLASTIC: medium grey. STRUCTURE: strongly broken core with prominent pug zones. MINERALOGY: 0.3% layers/bands of pyrrhotite.	CAMBRIAN HENTY FAULT SEQUENCE
R	268.00 282.00	This interval is very strongly broken, with several major and numerous minor puggy faults.	
R	268.00 282.00		
		271.30 - 272.00 100% FAULT. STRUCTURE: very strongly broken core with prominent pug zones.	
		280.50 - 282.00 100% FAULT. STRUCTURE: strongly broken core with prominent pug zones.	
		284.40 - 284.80 100% SANDY ANDESITIC EPICLASTIC. STRUCTURE: bedding: 45 degrees dip long core axis.	