



DRILL HOLE RECORD

Location Que River

Property Mining Lease 2M/75

District Tasmania, Australia. Bearing (M) 101° 05'

Hole No QR 80 D.

Commenced 20.1.1976

Completed 23.1.1976

% Recovery 92.25

Grid bearing (M) 8° 45'

Date 28.1.1976

Objective To test P north lens 7700N 130 RL.

Core size NQ to 50.2 m BQ to 128.1 m E.O.H.

Logged C.H. YOUNG

Co-ordinates 7699.25N 5111.34E

Dip 47° 12'

Alt./R.L. 692.46

SURVEY DATA				GRAPH DERIVED DATA			CALCULATED CO-ORDINATES			REMARKS	
DEPTH	DIP	BEARING(M)	INSTRUMENT TYPE	DEPTH	DIP	BEARING(M)	NORTHING	EASTING	ALTITUDE		
0	47.5	098°	Sinometer & Tube Compass	0	47.25	101.0	7699.25	5111.34	692.46	13.5 - 16.3 m Interpreted N lens semi-massive pyrite with minor barite and base metal sulphides.	
0	47° 12'	101° 05'	Surveyors pick up	25	47.5	101.0	7698.59	5128.26	674.07		
24	48	-		50	47.25	101.0	7697.92	5145.17	655.67		
58	47	108	New Eastman	75	47.25	100.75	7697.29	5162.13	637.31		91.6 - 97.4 m Interpreted P west position semi-massive pyrite.
84	47	103.5	Single Shot	100	46.0	101.0	7696.65	5179.29	619.14		
117	44	104.0	Camera	125	42.0	101.5	7695.87	5197.24	601.79	103.2 - 117.5 m Interpreted P north position. Disseminated to semi-massive pyrite with very minor base metal sulphides.	
				128.1	41.5	101.75	7695.75	5199.55	599.72		



DIAMOND DRILL LOG

Hole No 21600

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Feature : Bedding
 Foliation
 Fragment - size & shape

Shearing
 Fault
 Vein
 c carbonate
 q quartz

Mineralization Trace 1-5%
 Common 5-15%
 Abundant 15-60%
 Massive >60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	MINERALIZATION
		No Core.			
0.6	3.0	Py ^p Grey sericitised locally carbonated and silicified <u>lithic tuff</u> . A rather disrupted rock. lithic fragments are generally obscure.			Pyrite 3/-5% as disseminations, aggregates and irregular veins.
0.4	5	White aggregates of carbonate and pale green sericite may represent feldspar crystals and are present in both the matrix and fragments.			
0.3		The matrix is fine grained, grey and siliceous. Irregular carbonate veining is common.			
1.2	10				Interpreted N lens.
1.3	11.8				11.8 Py 30%-40% locally 60% as disseminations, fragments and irregular veins, trace Sph, Gn.
1.1		Semi-massive sulphides as fragments and irregular veins in a carbonate-barite matrix.			12.5 Py 15/-30% tr Sph, Gn. Py 30%-50% as fragments and irregular veins, Sph 3%-5%, Gn 2/-3% as aggregates and fragments. Barite 5/-10%.
2.1	15				
1.4	16.6	<u>Fault zone</u> , Pus, sheared & broken core. Grey carbonated locally sericitised tuff (altered DML?).			10.5 Py 3%-5% as disseminations and aggregates.
0.5	17.2	<u>Fault zone</u> . Pus, breccia, 90% sheared and broken core.			
0.9	20				
1.2	20.7	As above 17.2 m. The rock appears to be an altered and disrupted dacitic tuff lava.			
1.3		Irregular carbonate veins <1 cm are common.			




Feature : Beading Shearing
 Foliation Fault c carbonate
 Fragment - size & shape Vein q quartz

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CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
		Altered DTG as above.							Pyrite 2-3% as above.
	3.0								
	90								
	3.0								
	3.0								
	85								
	85.4	Fault Contact.						85.4	Pyrite 3-5%, locally 10% as disseminations and aggregates.
	3.0	PyP ₁ Fault zone. Pug, breccia 90% sheared and broken core 20° to core axis partly recemented with pyrite and carbonate.						87.5	Pyrite 30-40%, 60% where indicated as disseminations and aggregates of subhedral to euhedral crystals, rare Sph, Gn.
		Grey sericitised carbonated and locally silicified lithic tuff agglomerate.						88.4	
		The rock is sheared and disrupted often with the appearance of a "fractured" lava, fragments to 5 cm have been recognised.							
	90								
	91.6							91.6	Pyrite 30%, 60% where indicated as above.
	3.0	Grey silicified locally carbonated and sericitised coarse lithic tuff. Lithic fragments are irregular to sub-rounded buff feldspar crystal tuff-lava, sericitised trachyte?, grey tuff or chert and occasionally pyrite.							
	95								
	2.6	The matrix is grey fine grained and siliceous. Bands of pyrite obscure much of the rock texture. Foliation 50° to core axis.							
	1.8							97.4	Pyrite 5% as above.
								98.2	Trace Gn, Sph as aggregates to 5 mm in carbonate vein.
	1.5								
	100	99.3 m Sample for Petrology No. 1563 M.							



Feature :

Bedding 
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Shearing 
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 q quartz

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CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
		100.1 m Minor disrupted chert? part 2 - 3 cm wide.						100.7	Pyrite 5% as above.
	1.3	101.2 - 102.5 m Chlorite alteration zone, dark green chlorite is common.							Pyrite 10%-15% as disseminations, aggregates and irregular veins of fine subhedral to euhedral crystals.
	1.0	102.4 Fault zone. Pug, sheared & broken core.						103.2	Pyrite 10%, locally 20% as disseminations, aggregates, irregular veins and bands. Trace Sph, Gn as aggregates to 5 mm and as disseminations.
	3.0	105.4 Grey silicified locally carbonated feldspar crystal tuff. Feldspar crystals are represented by irregular aggregates of white carbonate to 3 mm randomly distributed through a grey siliceous matrix. Foliation - cleavage 40° - 50° to G.A.							
	3.0							107.5	Pyrite 5%, locally 10% Sph 1-2%, Gn 1%, irregular patches of barite 3%-5%.
	3.0							109.8	Pyrite 5%-10%, Sph 1%-2% Gn 1% as disseminations, aggregates and irregular veins.
	3.0							112.7	Pyrite 15%, locally 50% as disseminations, aggregates and irregular veins. Rare Sph, Gn.
	3.0	112.95 Fault zone. Pug, breccia 50° to G.A.						114.4	Pyrite 5%-10% as disseminations and aggregates in carbonate alteration zone.
	2.4	114.4 - 115.5 m Carbonate alteration is common, minor veinlets of white carbonate have been noted.						116.4	Pyrite 30%, Sph 2%-3%, Gn 1%-2% and barite 3%-5% as disseminations, aggregates and irregular bands.
	2.1	117.5 Grey to buff silicified locally sericitised and carbonated lithic tuff agglomerate. Sheared and sericitised down to 120 m. This rock is not a typical grey Py ₁ .						117.5	Pyrite 10%, locally 20% as disseminations, aggregates and irregular veins. Rare Sph, Gn.
	1.5	120 Lithic fragments are irregular in outline up to 6 cm consisting of feldspar crystal tuff-tava (occasionally flow banded), pink to grey in colour, pale green when sheared and sericitised. Other fragments include pyrite and occasionally massive base metal sulfides up to 2 cm.						121.2	Pyrite 3%-5% as disseminations, aggregates and occasional fragments, trace Sph, Gn, occasional fragments of massive base metal sulphides.
	3.0	Irregular aggregates of sericite randomly distributed within the matrix may represent white bands.							

DIAMOND DRILL LOG




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Feature :

Bedding 
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Shearing 
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 q quartz

Mineralization :

Trace 1-5%
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 Massive >60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
	3.0	125.4 m Sample for Petrology No. 150400. The matrix is silicified and distinctly blue-grey in colour.							Pyrite 3-5% as above.
	0.6	128.1 E.O.H.							