



DRILL HOLE RECORD

Location Que River

Property Mackintosh EL 2/70

District Tasmania, Australia. **Bearing (M)** 100° 52'

Hole No QR 68D & Ext.

Commenced 5.9.1975

Completed 7.9.1975

% Recovery 9I, QR68D Ext 99 **Grid bearing (M)** 8° 45'

Date 9.9.1975

Objective To test for Q lens section 7550N RL 660.
(Development). QR68D Ext. To test for S lens
7550N 575 RL.

Core size NQ to 83 m QR68D Ext. BQ to 182 m E.O.H.

QR68D Ext. 22.1.76.

Logged C.H. YOUNG

Co-ordinates 7550.2N 5195.0E

Dip 48° 51'

Alt./R.L. 682.43 m

SURVEY DATA				GRAPH DERIVED DATA			CALCULATED CO-ORDINATES			REMARKS
DEPTH	DIP	BEARING(M)	INSTRUMENT TYPE	DEPTH	DIP	BEARING(M)	NORTHING	EASTING	ALTITUDE	
0	48° 51'	100° 52'	Theodolite	0	49	101	7550.2	5195.0	682.43	
45	47.5	104.5	Eastman	25	48.5	100.5	7549.6	5211.5	663.6	
81	42.5	106	Camera	50	47	101	7549.0	5228.3	645.1	62.0 - 66.5 m Disseminated pyrite, trace sphalerite and galena.
				83	42	102.5	7547.8	5251.8	622.0	
Note: 4° deducted from camera azimuths as calibration correction.										
QR68D Ext.				50	47	101	7549.0	5228.3	645.1	
113	38.5	114.5	Eastman Single Shot Camera.	75	44	101.5	7548.27	5245.77	627.31	
				83	43.5	102.0	7547.97	5251.54	621.77	132.4 - 135.3 m Disseminations and aggregates of pyrite galena and sphalerite. S lens position?
				100	40.25	103.25	7547.11	5264.16	610.43	
				125	35.5	105.0	7545.25	5283.79	595.09	
				150	29.75	106.75	7542.64	5304.65	581.63	
				175	22.5	109.0	7539.07	5326.77	570.65	
				182	21.0	110.0	7537.86	5333.15	568.05	



DIAMOND DRILL LOG

Hole No **QR 68** Page No 2.

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

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

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
0.9	23.0 - 29.3	Numerous irregular carbonate veins to 3 mm are present.	BROKEN CORE						
1.8	27.7	Fault zone Pug, sheared and broken core							
1.0	28.1							28.1	Pyrite <1% as occasional disseminations.
3.0	29.0	Buff-green due to chlorite-illite hydro-muscovite alteration. (One fragment, sub-rounded 3 cm in size of vesicular lava has been noted, MP affinities?)		c					
2.1	30	Feldspar crystals are represented by chlorite-illite aggregates and are conspicuous as dark green spots in a pale green to buff groundmass.		c					
0.9	35	Flow banding? at 20° - 40° to core axis has been noted.							
2.1	37.1			c					
2.0	40	Buff-pale green carbonated feldspar crystal tuff-lava similar to above, green chlorite alteration is much less conspicuous.							
2.0	40	Feldspar crystals are commonly represented by pale green sericite aggregates		c					
0.9		Fractures 30° - 50° to core axis.							
1.6									
3.1	45			c					
2.25									
1.0	50		BROKEN CORE						



DIAMOND DRILL LOG

Hole No **QR 68**

Page No 4.

Feature : Bedding
 Foliation
 Fragment - size & shape

Shearing
 Fault
 Vein
 c carbonate
 q quartz

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CORE RECD	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
	3.0	Lithic fragments from 0.5 mm to 1 cm similar to above.							Pyrite 3%-5% as above.
	3.0	Fractures 60° to core axis.							
	79.3								
	80	Grey sericitised locally carbonated lithic tuff agglomerate. Lithic fragments of feldspar crystal tuff-lava from 0.5 mm to 5 cm predominate.							
	3.0	81.2 Grey sericitised locally carbonated lithic tuff, similar to the lithic tuff agglomerate above.						81.2	1 cm Py 10%, Sph 10%, Gn 8%.
	83.0	E.O.H. Foliation 50° to core axis.							