



DRILL HOLE RECORD

Location Que River Area

Property Mackintosh EL 2/70

District Tasmania, Australia

Bearing (M) 102° 02'

Hole No QR 55 D.

Commenced 29.7.1975

Completed 1.8.1975

% Recovery 67

Grid bearing (M) 8.75

Date 3.8.1975

Objective To test P south lens at 7200N RL 680.
(Development).

Core size NQ to 60 m E.O.H.

Logged E.H. SKEY

Co-ordinates 7200.3N 5110.1E

Dip 48° 53'

Alt./R.L. 701.65

SURVEY DATA

DEPTH	DIP	BEARING(M)	INSTRUMENT TYPE
0	50	99	Clinometer & Tube Compass
0	48° 53'	102° 02'	Theodolite
39	50	105.25	Eastman
58	47.75	106	Single Shot Camera

GRAPH DERIVED DATA

DEPTH	DIP	BEARING(M)
0	49	102
25	49	101.5
50	49	102
60	48.75	102.5

CALCULATED CO-ORDINATES

NORTHING	EASTING	ALTITUDE
7200.3	5110.1	701.7
7199.4	5126.5	682.8
7198.6	5142.9	663.9
7198.3	5148.1	657.9




REMARKS




Galena 2% Sphalerite 2.5% at 28.30 m.
Galena 8% Sphalerite 2% at 52 m.



DIAMOND DRILL LOG

Hole No **QR55(D)** Page No 1.

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	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
	0 to 18.00	No Core Recovery.							
	18.00	DTL							
	0.35	Pale cream (bleached) <u>feldspar crystal</u> or vitric tuff.							No sulphides, oxidised zone.
	0.72	Soft, weathered, rubbly material with short lengths of cohesive core.							
	0.72	Weak shearing at 50° to core axis. Much core loss. Alteration probably sericite and pervasive carbonate.							
		Fault Pug							
	0.50								
	0.50								

VERY BROKEN CORE



DIAMOND DRILL LOG

Hole No **QR55(D)** Page No 2.

Feature : Bedding Shearing
 Foliation Fault F
 Fragment-size & shape 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	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
	0.00								
	27.0								
	0.15	27.6 Fault Fug.						27.6	Pyrite 2%.
	0.57	27.95 Mosaic of quartz & carbonate veins, green clays in DTL fragments. PyP ₁ Mineralized sheared lithic tuff(?) of blue-grey colour, with carbonate veining.						27.95	Pyrite averages 7%-10%, galena 2%, patchy sphalerite 2%-5%(?). Pyrite occurs in massive accretions, galena as veinlets.
	0.74	30 Sheared at 50°-70° to core axis.							
	0.90	30.65 ^{Py, P₃?} Grey-green richly sericitic, carbonated lithic tuff to (?) agglomerate of feldspar porphyry or crystal tuff. Small patches to 4 mm of chlorite locally accentuate the green colour. Green illite-hydromuscovite is also present.						30.65	Pyrite 5% Arsenopyrite (needles) 2%, trace galena.
	0.80							31.15	Pyrite trace, with occasional bands to 5 cm of 5%-10% pyrite commonly associated with zones of shearing and/or veining.
	0.40								
	1.35	35 Strong shearing throughout is indicated by cleavage (at 40°-50° to core axis) and by alignment of sericitised feldspars. Fragmental textures have largely been obliterated.							
	0.50	Locally this texture is seen to be fine lithic tuff varying to agglomerate with fragments up to 10 cm.							
	0.45	37.5 <u>Fault zone</u>							
	39.0								
	1.48	Note: Core recovery much improved below 39 m.							
	1.40	Shearing is most intense above 39 m. Carbonate occurs as spotting and fine distorted veinlets, also in tension gashes.							
	1.60								
	1.44								
	45								
	3.01								
	0.47								
	1.03								
	50							49.0	Pyrite very rare below 49 m.

