



DIAMOND DRILL LOG

Hole No **QR57(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								
	5								
	10								
	15								
	20								
	25								

No Core.



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CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TIME	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
	1.5	Flow banding at 50° to core axis has been noted.							Pyrite <1% as above.
	1.2	The rock is altered grey along fractures due to the introduction of ultra fine pyrite.							
	1.8	There are minor zones of recemented breccia.						77.6	10 cm Pyrite 3%.
	1.8	Fractures 30° to core axis.							
	0.4							81.3	Pyrite 2%-3% as disseminations and aggregates of fine subhedral to euhedral fragments.
	1.7	Below 81.3 m the rock is autobrecciated grey-buff in colour due to increased pyrite alteration interstitial to the "fragments".							
	1.2								
	1.8								
	1.5	87 m 15 cm pyrite-carbonate cemented breccia.							
	1.5								
	1.0							89.0	Pyrite <1% as above.
	2.0	Grey to buff carbonated and locally chloritised fine grained feldspar crystal tuff-lava.							
	0.6	Feldspar crystals are represented by small aggregates of green sericite-illite and occasionally chlorite? to 2 mm and are randomly distributed.							
	1.95	The matrix is very fine grained and siliceous although carbonated and often pale grey in colour due to the presence of ultra fine pyrite.							
	1.7	There is a fine bedding or flow' banding at 40° - 50° to core axis.							
	0.1	Fractures are sub-parallel to 30° to core axis occasionally chlorite lined.							
	0.8								
	3.0								
	100								

BROKEN CORE

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CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
		DTL as above.							Pyrite 1% as above.
	2.6								
	0.7								
	2.5								
	130								
	3.1	131.2 - 131.8 m Carbonate cemented breccia, irregular fragments to 3 cm.						131.2	Pyrite 1%-3% as disseminations, aggregates and irregular veinlets filling fractures within the carbonate cement.
		133.1 - 133.4 m Carbonate cemented breccia.						133.4	Pyrite 1% as above.
	135								
	3.0								
		136.6 - 136.8 m Carbonate cemented breccia.						136.5	Pyrite 1%-3% as above.
	3.0								
		139.8 Fault Contact 60° to C.A.						139.8	Pyrite 3%-5% as disseminations of fine subhedral to euhedral crystals.
	0.95	140 PyP ₁ Grey siliceous and sericitised lithic tuff agglomerate. Fragments to 5 cm are generally sub-rounded.						141.45	Banded massive sulphides at approx. 50° to C.A. Py 20% brown to grey Sph 30%-40% Gn 15%-20% Cpy 1%.
	1.0							142.5	142.5-142.9 m Py 70% Cpy 10% Sph 1%-2% Gn 1%.
	1.05	Massive Sulphides.						142.9	Bands and fragments of massive to semi-massive sulphides. Py 20%-30%, Sph 15%-25% Gn 3%-10% trace Cpy.
	2.2								
	145								
	0.7	145.3 - 146 m Sub-rounded fragments of grey feldspar crystal tuff or lava, chert and pyrite to 1.5 cm and occasional sphalerite and galena aggregates in a sulphide rich matrix.						146.45	Py 40%-60% Sph as aggregates and disseminations 2%-3% Gn 1%-2%.
	3.0	Below 148.7 m the rock is grey silicified and sericitised coarse lithic tuff. Fragments are irregular to sub-rounded to 3 cm, grey sericitised trachyte? grey feldspathic lava and grey recrystallised chert. The matrix is ashy and siliceous blue-grey in						148.65	Py 5%-10% trace Sph, Gn and Cpy.
	150							149.7	Py 30%-40% Sph 3%-5% Gn 2%-3% Cpy 1% as



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CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
		175.5 - 175.9 m Carbonate cemented breccia 30° to core axis.	<i>d</i>						
	3.0		<i>175.9</i>						176.4 Pyrite 5% rare Sph, Gn.
	3.0	Below 178.4 m irregular pale grey-green sericitised and partly "shredded" fragments up to 6 cm have been noted.	<i>c</i>						
	180		<i>178.4</i>						
	3.0		<i>181.4</i>						
	185	E.O.H.	<i>185</i>						