





# DIAMOND DRILL LOG

Hole No **QR 54** Page No 1.

Feature : Bedding   
 Foliation   
 Fragment-size & shape 

Shearing   
 Fault   
 Vein  carbonate  
 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 15	No Core.							
	15 to 25	<p>DTL Grey to buff partly kaolinised and weathered down to 34 m.</p> <p>Carbonated <u>lithic feldspar crystal tuff/tuff agglomerate-lava.</u></p> <p>The rock is essentially a porphyritic dacitic lava. "Flow brecciation" is common giving the rock a fragmental appearance hence the classification as tuff agglomerate.</p> <p>Feldspar phenocrysts are represented by aggregates of pale green sericite to 3 mm and are randomly distributed.</p> <p>The groundmass consists of a mosaic of fine irregular quartz veins with a carbonate cement. (The carbonate is considered a secondary hydrothermal effect).</p>	<p>BROKEN CORE</p> <p>BROKEN CORE</p> <p>F</p> <p>F</p> <p>F</p> <p>F</p>					<p>Pyrite &lt; 1% as disseminations of fine subhedral to euhedral crystals.</p>	





# DIAMOND DRILL LOG

Hole No **QR 54** Page No 3.

### Feature :

Bedding

Foliation

Fragment - size & shape

Shearing

Fault

Vein carbonate 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
	3.0	PyP <sub>1</sub> as matrix to massive pyrite.							Pyrite 60%-90% as above.
	52.5	Below 52.5 m massive pyrite in a siliceous sericitised and carbonated lithic tuff matrix.						52.2 52.5	Pyrite 5% as disseminations and fragments.
	55	Weak foliation 40° to core axis.							Pyrite 40%, 70%-80% where indicated as subhedral to euhedral crystals to 2 mm pale brown sphalerite 2%-5% as irregular aggregates to 1 cm, galena 1%-2% and barite 2%-5%.
	60								
	60.2	<u>Fault zone</u> Pug, sheared and broken core 30° to core axis.						60.2	Pyrite 15%-30% as disseminations and aggregates trace sphalerite and galena.
	61.1							61.1	
	65								Pyrite 40%, 60% where indicated as disseminations and aggregates of subhedral to euhedral crystals Sph 1%-2%, Gn 1% as disseminations and aggregates to 5 mm.
	65.7	<u>Pug sheared and broken core at Contact.</u>						65.4 65.7	5 cm band Massive Sph 50% Gn 20%.
	70	<u>DTL</u> Fault contact 60° to C.A. Pink-buff carbonated lithic feldspar crystal tuff/tuff agglomerate-lava. The rock is essentially a lava, flow brecciated and thus fragmental in appearance. Feldspar phenocrysts are represented by aggregates of pale green sericite in a fine grained siliceous matrix, or groundmass now carbonate rich.							Pyrite <1% as disseminations and rare euhedral crystals to 2 mm.
	70	69.75 - 70.5 m There is a grey-green fragmental band with mixed fragment types; sericitised trachyte, recrystallised chert, porphyritic dacitic lava and pyrite.						69.2 70.5	Pyrite 1%-2% as disseminations and fragments. Pyrite <1% as above.
	75	72.9 - 73.2 m Pale green in colour and weakly sheared possible development of epidote?						73.7 73.9	Pyrite 3% as aggregates filling fractures. Pyrite <1% as above.

