



DIAMOND DRILL LOG

Hole No **QR 61** Page No 4.

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
	75.35								
3.0		Hybrid zone - a mixture of DTL fragment types and PYP ₁ matrix.							Pyrite 3%-5% as above.
2.8	78.0	DTL <u>Buff vesicular feldspar quartz crystal tuff-lava.</u> The rock is generally fine grained.						78.0	Pyrite rare.
1.6	80	Feldspar crystals, phenocrysts?, are represented by sericite aggregates to 1 mm, occasionally euhedral in outline.							
1.5		Quartz is light grey in colour with defuse outlines from 1 mm to 5 mm. Both feldspar and quartz are randomly distributed in the siliceous, carbonate rich groundmass.							
3.0		Elongate white carbonate aggregates to 4 mm are considered to be amygdules and are roughly oriented in "flow" direction at 10° - 30° to core axis.							
	85	There are occasional patches of green illite-hydromuscovite to 5 mm.							
3.0									
	90								
4.4									
1.25									
1.25	95								
	95.5	<u>Gradational Contact.</u>						95.5	Pyrite 2%-3% as disseminations, aggregates and fragments to 1 cm, rare Sph and Gn.
1.4		PyP ₁ Grey-buff carbonated <u>lithic tuff agglomerate.</u> Hybrid zone - a mixture of DTL fragment types and PyP ₁ matrix. Fragments are irregular to sub-rounded in a siliceous carbonate and pyrite rich matrix.							
1.1									
1.4	98.75							98.75	Py 5%, locally 10% as disseminations, aggregates and irregular veins, rare Sph, Gn.
	100	Grey sericitised and locally carbonated lithic tuff agglomerate. Lithic fragments are irregular in outline, heavily							



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Page No 5.

Feature : Bedding
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Mineralization : Trace 1-5%
 Common 5-15%
 Abundant 15-40%
 Massive >60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
2.6		sericitised trachyte? to 5 cm, occasional fragments of pale green porphyritic lava? and chert. The matrix is grey and siliceous, carbonate alteration is common. Shearing & foliation 40° CA.							Pyrite 5%, locally 10% rare Sph, Gn as above.
3.0	102.45	<u>Fault zone</u> Pug, 80% sheared & broken core 45° to core axis.							
	103.0	Sericite-carbonate alteration zone, the rock is thoroughly altered and disrupted. Increasingly carbonate rich towards the base.							103.0 Pyrite 40% as disseminations, aggregates and irregular veins. Some colloform textures.
1.4	105								104.7 30 cm Py 40%, Sph 5%, Gn 3%
	105.25	Grey sericitised locally carbonated lithic tuff agglomerate similar to above 102.45 m.							105.25 Py 5%, locally 10% as above.
1.5	107.3								
3.0		<u>Fault zone</u> Pug, 80% sheared and broken core 10° - 30° to core axis.							108.3 Py 40% as aggregates of subhedral to euhedral crystals.
	109.0								109 Py 5% - 10% as above.
	110								
3.0									
	113.0								
3.0		<u>Fault zone</u> Pug and brecciated rock, breccia fragments of pyrite have been noted. The fault zone appears to be at 10° to core axis.							
	115								
	116.0	E.O.H.							