







# DIAMOND DRILL LOG

Hole No QR81

Page No 2

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

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
		is 70° to core axis.	F						No visible pyrite.
	2.45	Becomes <u>andesite agglomerate</u> below 24m. Fragment size range is 1cm to 15cm. colour is green with white feldspars to 2mm common. Fragments may be (partly) flow banded andesite lava, but are considered more likely to be feldspar crystal tuff. Shapes are generally angular. The matrix varies from grey-green to yellow-brown depending on the degree of weathering.							
	2.65	30 This is intense between 37m and 47m and 49-50m and 51-50m.							
	3.00	Intermediate stages of weathering (?alteration) show conversion from primary (chloritic) green to pale pink so that appearance is much like some D.T.L. species.							
	3.00	35 Below 60m approx., weathering persists (rock is leached, partly oxidised) however its effects are distinguishable from those of alteration.							
	2.85	40 The latter appear to be increasing silicification and carbonation of several fragments in any given material. Such fragments are pale pink in colour (DTL) and must have been altered prior to incorporation in the agglomerate as other fragments show chloritic feldspar crystal lithic tuff characters.							
	2.85	(One might therefore deduce that this agglomerate overlies the altered ore bearing host rocks.							
	3.00	45							
	1.60	Several large fragments, near 62m, are S1-DTL altered to GP, that is							







# DIAMOND DRILL LOG

Hole No QR 81 Page No 5

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

Mineralization : Trace 1.5%  
 Common 5.15%  
 Abundant 15.11%  
 Massive > 60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
	3.15	Andesite feldspar porphyry lithic-tuff to agglomerate, probably lava-breccia in part. Fragmental texture locally obscured by silicification (some silica filled vesicles? - see 128m - 140m?							No obvious pyrite.
	1.25								
	1.05	Note - unusual form of feldspars, often pinkish and rather large - 3mm, often occurring at the contact of fragment and matrix.							
	1.60								
	1.00								
	1.00	Lava-breccia texture rather more common below 120m. Foliation (shearing) continues at 40-60° to core axis.							
	1.25								
	1.10								
	1.50								
	0.90								
	1.40	115 Intermittent quartz veining, note subhedral crystals (cavity filling after fault shattering?)							
	0.40								
	0.90								
	0.55								
	0.70								
0.20	0.65								
0.10	0.40								
0.10	1.20								
	0.90								
	0.45								
	0.20								
	1.30								
	0.25								
	1.10								
	1.25								

Very broken zone of core, much rubble. No pug (lost?)





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Feature : Bedding   
 Foliation   
 Fragment - size & shape

Shearing   
 Fault   
 Vein c carbonate  
 q quartz

Mineralization : Trace 1-5%  
 Common 5-15%  
 Abundant 15-41%  
 Massive >60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
	3.00								
	2.20								
	0.95	154.50							
		155							
	3.00	Andesite agglomerate. Large fragments, particularly pink ones become dominant. Feldspar phenocrysts occur throughout. Massive competent rock with no well defined fluctuations. Colour is pink to green to 158m - then green as pink fragments become rare. <u>Tuff-agglomerate to agglomerate</u> texture continues. Fragmental shape							
	3.00	160.70 is rounded to subangular, compared with angular forms common at the top of the hole.							
	3.00	160.70 to 163.70. Andesite lithic tuff.							
	3.00	163.70 Fine tuff material with dispersed lithic fragments to 2cm plus occasional larger blocks to 7cms.							
	3.00	165 163.70 onwards. Dominantly altered <u>andesite feldspar porphyry agglomerate</u> . Alteration is different to previously big sericite-carbonate, giving rise to a yellowish green fine mottling alternating with dense chlorite. Patchy silicification is present.							
	3.00								
	2.35								
	3.10								
		175							



# DIAMOND DRILL LOG

Hole N<sup>o</sup> QR 81 Page N<sup>o</sup> 8

Feature : Bedding

Foliation

Fragment - size & shape

Shearing

Fault

Vein

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
	1.90	Patchy silicification intense carbonation gives rise to fawn to pink patches.							
	1.50								
	180								
	2.65	Light grey to pink lavas ? or fine tuff of DTL aspect to 181.40.							
	180.10								
	181.40								
	181.40 onwards.								
	2.35	Minor sericite <u>andesite feldspar porphyry agglomerate</u> but dominantly <u>andesite lithic tuff to tuff agglomerate</u> of grey colour with grey, fawn and greenish fragments. There appears to be sedimentary fining in several sub-units. This is tentatively interpreted as putting facing up hole. Probable bedding, also cleavage(?) is 55° to core axis. Alteration is silica-carbonate-sericite.							No pyrite.
	185								
	3.05								
	3.10								
	190	END OF HOLE.							