






DIAMOND DRILL LOG

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
		No core.							






DIAMOND DRILL LOG

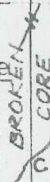







Hole No QR30

Page No 2

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
		No core.							
	0.50	Fine siliceous, weathered <u>feldspathic tuff</u> , in part <u>agglomerate</u> carbonated; colour fawn and dark blue grey (due to irregular weathering).						28.6	Pyrite 10% as 1cm veins of v. fine sulphide, at irregular intervals.
	1.30								
	2.50	DP? FAULT ZONE? Carbonate welded. Poss. agglomerate.							Py trace throughout, rare accumulations to 20%, as matrix material, but also as recrystallised detrital 'rock' fragments: - 44.50 to 52.90.
	30.05								
	2.70	Lithic feldspar crystal tuff/ tuff agglomerate with small fragments carbonated or chloritised, large fragments, (rounded) are buff coloured, fine grained and foliated (bedded). Carbonate alteration of these is probable. Overall rock colour is green. Illite-hydromuscovite (green) is present locally. At 35m, carbonate filling of cavities (vesicles?) with accretions of green clay result in rock very similar to the MP unit.							
	3.10								
	35	DP? Gradational contact over 10cms. Fine lithic tuff, becomes progressively coarser down the hole (graded). Matrix typically pale greenish grey, carbonate and sericite rich after feldspar. Fragments are typically chloritic sericitic or (44.50 to 52.90, richly pyritic) Rare large (5cm) pale grey/buff fragments occur. Below 50m fragment size rapidly becomes 2cms in a 50% fine matrix.							
	2.16								
	37.50								
	1.90								
	40								
	2.35								
	3.15								
	45								
	3.02								
	50								

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
	3.10								
	0.50								
	57.0	DP							
	2.10	Agglomerate, dominated by v. fine grained buff, carbonated, feldspathic(?) tuff. Some blocks are richly amygdaloidal, others show weak foliation. Unit is sheared in part. The lower central part of the unit is uniformly fine grained with autobreccia appearance: the contact area is again agglomeratic.	X					57.30	Py as fine matrix
	0.80	In the central zone concentric weathering of fawn to grey is typical.						57.70	infilling.
	3.00	DTL						58.85	Matrix Py, vein form
	2.60	Lithic tuff. Some v. fine grained zones near top of unit, generally coarsely fragmental, size 0.5 to 1cm, chloritic; matrix light greenish-grey, rich in carbonate and sericite. Fragments are angular-subangular and elongate.	X					59.55	" " " "
	2.80	Core strongly jointed at various angles. Chlorite and carbonate on joint planes.	X					60.50	" " " "
	0.90	Foliation is due to fragment alignment, probably through shearing, from 45° to core axis to parallel to core axis.	X					61.50	" " " "
	1.90	Disrupted fine grained siliceous tuff bands (< 5cm thick) occur at irregular intervals, at 15-20° to core axis.	X					62.35	Some vein Py, also stringers in lithic
	1.80	These bands are most common between 88m and 92m. Carbonate veining in tension fractures is visible.	X					63.25	tuff.
	0.87		X						
	1.80		X						
	2.20		X						
	75								

BROKEN CORE



DIAMOND DRILL LOG

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

- Mineralization :**
- Trace 1-5%
 - Common 5-15%
 - Abundant 15-60%
 - Massive \geq 60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
1.20			BROKEN CORE						
0.30									
0.90									
2.40									
80									
1.70									
0.50				F					
2.00				F					
0.84	84.50	FAULT ZONE with carbonate veining		F					
0.84	85			C					
0.60	85.90			F					
0.90									
1.88									
90									
3.57									
90									
3.20									
95									
1.96									
1.92									
1.70	100		BROKEN CORE						

Fine pyrite dusting in v. fine grained tuff units.



DIAMOND DRILL LOG

Hole No QR30 Page No 6

Feature : Bedding Shearing
 Foliation Fault
 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
	0.82								
	0.80								
	1.25								
	1.30								
	1.29	90							
	1.30	20	FAULT ZONE much q-c veining in rubbly core						
	0.60	80	Vesic. tuff lava of MP type						
	0.80	31	25 DTL						
	0.9		Sheared sericitised agglomerate?, apple green colour alternates with midgrey f.gr. bands of sheared DTL blocks? Minor MP type rock occurs*					132.35	Py 60% as v. fine
	1.0		FAULT ZONE Intermittent rubble, pug, alternating with short lengths of good core. Sericite-epidote(?) common					132.60	crystal aggregate to 4mm, subrounded forms comprising massive veins.
	0.85	135							
	0.75								
	1.18								
	0.55		* at the lower fault contact of the unit.						
	1.25	138	50						
		140	Dominantly fine tuff of DTL type buff-grey colour, foliated weakly, partly agglomerate, veined with carbonate throughout, strongly sheared and sericitised below 142m.						
	2.53								
	142.00		FAULT ZONE Cohesive breccia of rock fragments with carbonate, sericite and epidote(?)						
	2.45	143.45							
		144							
	145								
	3.20								
	146.22		DTL Dark green lithic tuff agglomerate, chloritic, some carbonate veining; probably andesitic. Fragments are rounded to subangular						
	3.05	149.10	DP						
		149.60	Fine carbonated tuff (DTL)						
	150		Sericitic agglomerate/autobreccia						



DIAMOND DRILL LOG

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	MINERALIZATION			DEPTH m
				TRACE	COMMON	ABUNDANT	
	150.35	Prob. tuff lava, of dacitic aspect. EOH 150.35m DP					