



DIAMOND DRILL LOG

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
	75.45	Fault Contact.						75.45	Pyrite rare.
3.0	DTL	Light brown-buff carbonated <u>feldspar crystal tuff-lava</u> . (Pale grey-green near the contact, foliated at 30° to core axis).							
	77.6	Fault Plug and broken core.							
3.0	77.8	The rock is grey in colour and sheared near the fault.							
	80	Feldspar crystals are represented by irregular white carbonate aggregates to 2 mm - randomly distributed in a brown siliceous and carbonated matrix.							
2.0		Down to 84 m the rock has numerous, chlorite healed, irregular fractures.							
1.0		Fractures commonly 30° - 50° to core axis.							
3.0	85								
3.0									
3.0	90								
1.5									
1.5									
3.0	95								
3.0									
	97.8	MTL							
3.0		Brown fine grained <u>feldspar crystal tuff-lava</u> .							
	100	The rock is weakly magnetic and brown in colour due to fine grained magnetite.							



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CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
	3.0	151.5 - 153.8 m The rock is disrupted and heavily carbonated.							Pyrite 3%-5% as above.
	3.0	Fragments of grey feldspar crystal tuff-lava? have been noted.							
	155								
	3.0							155.7	10 cm pyrite 10% trace sphalerite and galena.
	0.8								
	160	Below 159 m the rock is locally brecciated with carbonate "cement" as an irregular network.							
	2.2	Sericite alteration increases down hole.						161.1	5 cm pyrite 10% trace sphalerite and galena.
	3.0								
	165								
	3.0								
	3.0								
	168.6								
		Grey sericitised lithic tuff. Similar to above.							
	170	Fragment outlines are obscure, the rock is heavily sericitised and weakly carbonated.						170.65	Trace Sph, Gn as irregular secondary veinlets.
	3.0							171.6	Pyrite 3%-5% as above, Sph 1%-2%, Gn 1% as secondary aggregates to 1 cm with a carbonate matrix.
	173.2								
		<u>Fault zone</u> Pug, sheared and broken core 45° to core axis.							
	3.0								
	174.9								
	175								



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		Pyp ₁ as above.							Pyrite 3%-5% as above, trace Sph, Gn.
	176.3								
	177.3	<u>Fault zone</u> Pug, sheared and broken core 60° to core axis.							
3.0		Fractures 20° - 30° to core axis.							177.3 Trace secondary Gn in quartz vein.
	180								
3.0									178.2 Py 5%-10% some fram-boidal? textures, Sph 2%-3%, Gn 2%, generally as secondary aggregates and stringers.
	185								
3.0									180.4 Py 15% locally 60% as disseminations irregular veins and aggregates, Sph 1%-2%, Gn <1%, trace Cpy as disseminations and aggregates.
	187								
3.0		Sericitised and chloritised coarse lithic tuff.							
	190	Fragments are irregular to 3 cm chloritised and sericitised tuff-lava?							
3.0		The matrix is fine grained and siliceous with sericite.							
	194.85								
3.0		There is a crude fragment alignment parallel? to the foliation at 20°-30° to core axis.							
	195								
3.0		Grey sericitised and carbonated lithic tuff, similar to above 187 m.							194.85 Py 60% as fine sub-hedral to euhedral crystals, Cpy 3%-5% trace Sph, Gn.
	196	Fragment outlines are obscure.							
3.0									196 Py 15%, Sph 8%, Gn 10%, Cpy 2% as an irregular vein or stringer 2 cm wide parallel to C.A.
	200								
3.0									197.45 Py 10% as disseminations aggregates and irregular veins.



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				TRACE	COMMON	ABUNDANT	
	3.0	Grey sericitised coarse lithic tuff as above.					Py 5%, 40%-60% where indicated as disseminations, irregular veins and aggregates as above.
	3.0						
	230						
	3.0						
	235						
	3.0						
	238.6	Grey sericitised locally carbonated lithic tuff agglomerate.					238.6 Pyrite 5%-10% as above, locally 40%-60% as indicated.
	240	The rock is locally disrupted and fragment outlines are often obscure.					
	3.0	Fragments are irregular to subrounded from 0.5 mm to 5 cm, generally grey feldspar crystal tuff-lava?					
	2.0	The matrix is grey and siliceous, often pyritized.					
		Minor carbonate veinlets have been noted.					
	245	Weak foliation 30° to core axis.					
	3.0						
	2.0						
	2.0						
	250						



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		Grey sericitised locally carbonated lithic tuff agglomerate as above.							Pyrite 5%-10%, locally 40%-60% as indicated.				
3.0		Irregular fractures 40° - 50° to core axis.											Frambooidal and colloform textures have been noted.
	255												
3.0													
	260												
3.0													
	262.0												5 cm Py 30%, Sph 3%, Gn 1%.
3.0													
	265												
3.0													
	270												
3.0													
1.0		275 E.O.H.											