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DRILL HOLE RECORD

Location Que River **Property** ML 2M/75 **District** TASMANIA Australia **Bearing (M)** 97° 58' **Hole No** QR95

Commenced 27.6.76 **Completed** 27.7.76 **% Recovery** 94.0 **Grid bearing (M)** 8° 45' **Date** 2.8.76

Objective To test the N PC system beneath QR39 7700N 250 RL. This target was abandoned and moved to 350 RL. **Core size** HQ to 632m NQ to 267.1m BQ to 605m EOH **Logged** C.H. Young

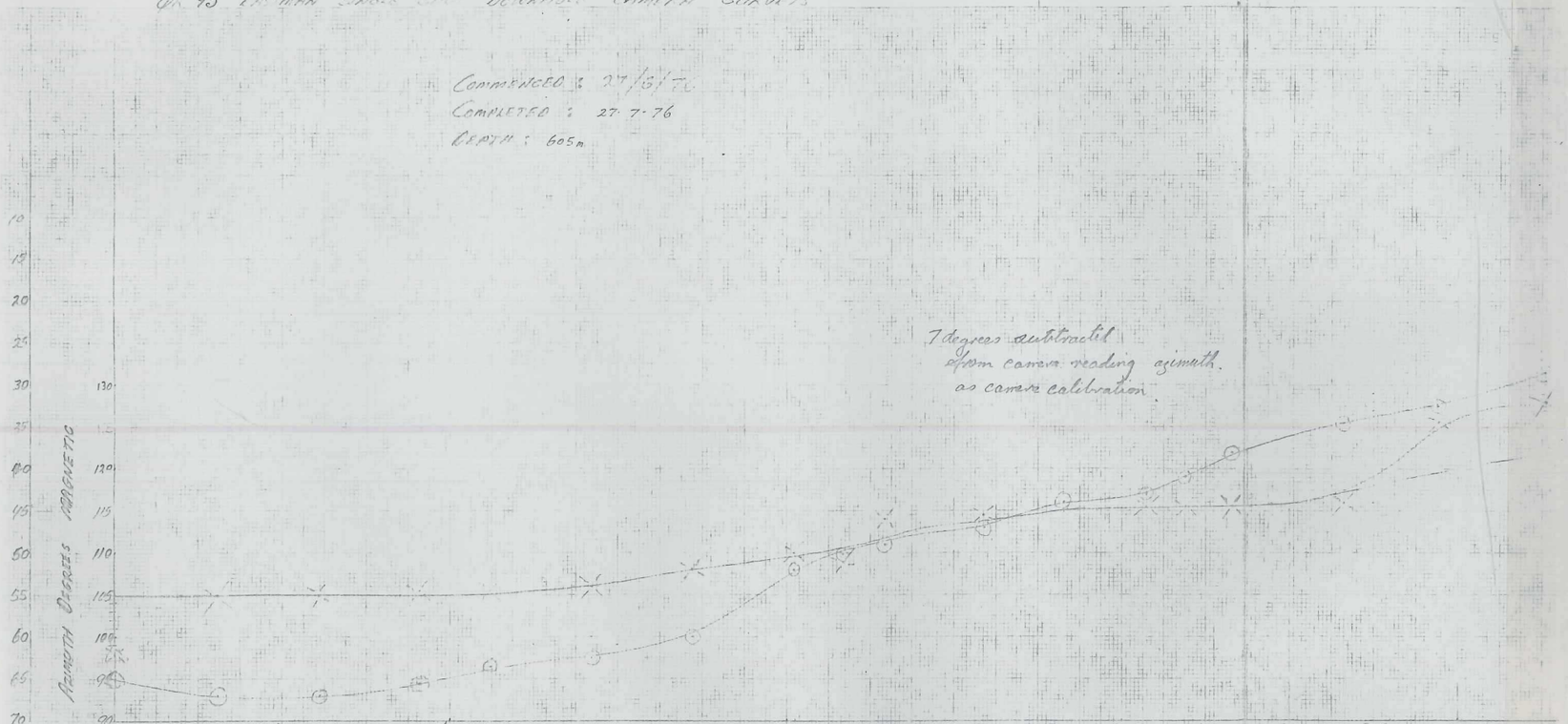
Co-ordinates 7696.3N 4751.8E **Dip** −65° 10' **Alt./R.L.** 657.49

SURVEY DATA				GRAPH DERIVED DATA			CALCULATED CO-ORDINATES			REMARKS
DEPTH	DIP	BEARING(M)	INSTRUMENT TYPE	DEPTH	DIP	BEARING(M)	NORTHING	EASTING	ALTITUDE	
0	65°10	97°58'	Surveyors.	0	65	98	7696·30	4751·80	657·49	
31	67	105	Postman	25	67	98	7696·43	4761·97	664·65	
61	67	105	Single Shot	50	67	98	7696·56	4771·73	641·64	
91	65·5	105·5	Camera.	75	66·5	98	7696·69	4781·60	618·67	Drilling in NQ between 172m and 202m the hole deflected 8°. This abnormal lift was a result of "rogerous" drilling in relatively soft carbonated massive and unbroken lava, with a worn step bit.
112	64	105·5		100	65	98	7696·82	4791·87	595·88	
142	62·5	101		125	63	98·5	7696·92	4802·82	573·41	
172	60	103		150	62	99·5	7696·87	4814·37	551·24	
202	52	110		175	59	101	7696·54	4826·67	529·49	
217	50	109		200	57	102·5	7696·84	4839·89	508·29	
229	49	114		225	49	104·5	7694·57	4854·85	488·37	
259	47	114·5		250	47·5	106·5	7692·61	4871·37	469·72	
283	44	N/R		275	45	107·5	7690·13	4888·48	451·67	
307	43	115·5		300	43·5	108·5	7687·25	4906·15	434·23	498·0 − 514·0 m Weakly mineralized pyritic pyroclastics Probably N dem position.
319	41	115·5		325	40	108·5	7684·07	4924·52	417·59	
339	38	115·5		350	36	109	7680·67	4943·41	402·20	
366	34·5	116		375	33·5	111	7676·66	4964·05	387·96	
394	32·5	125·5		400	31·5	113	7671·82	4984·57	374·53	
426	28·5	128		425	28·5	115	7666·13	5005·44	362·03	
456	24·5	120		450	25	116·5	7659·60	5026·78	350·78	
486	22·5	120		475	22	117·5	7652·42	5048·54	340·52	
516	22	131		500	20·5	118·5	7644·74	5070·54	331·76	
551	19	125·5		525	20	119·5	7636·62	5092·54	323·11	
581	16·5	125		550	19	119	7628·37	5114·61	314·76	
593	15·0	125		575	16·5	119	7620·13	5136·95	307·14	
				600	14	118	7611·98	5159·64	300·57	
				605	13·5	118	7610·38	5164·23	299·38	

GK 95 EASTMAN SINGLE SHOT DOWNHOLE CAMERA SURVEYS

COMMENCED : 27/6/76
COMPLETED : 27·7·76
DEPTH : 605m

7 degrees subtracted from camera reading azimuth as camera calibration.



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DIAMOND DRILL LOG

Hole N° DR 95 Page N° 1

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
	5	NO CORE							
1.1		AP. Red-brown ferruginous deeply weathered and oxidized Andesite hypabyssal. Partly kaolinized. Relict textures indicative of a feldspar porphyry lava.	BROKEN CORE						No apparent sulphide mineralization
0.5									
0.6	10								
	11.0								
	15	NO CORE							
	20								
	25								

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DIAMOND DRILL LOG

Hole No QR 95 Page No 2

Feature : Bedding, Foliation, Fragment - size & shape; Shearing, Fault (F), 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							
	28.0								
1.2		AP. Partly weathered, ferruginous staining on fractures and oxidised zones. Grey-green carbonated weakly chloritised ~~Feldspar~~ porphyry lava breccia.	BROKEN CORE						Pyrite < 1% as discrete fine subhedral to euhedral crystals
1.2	30								
1.7		Feldspar phenocrysts to 3mm are represented by aggregates of white carbonate to 3mm.							
1.3									
1.4	35	Fragments to 5cm are porphyritic - generally subrounded.							
1.4		The matrix/groundmass is of similar composition and texture as the fragments.							
0.6									
1.3		31.2 - 34.0m Kernel of relatively fresh andesite.							
1.5	40	Below 35m the rock is deeply weathered and oxidised - Kaolinised white carbonate residuals define the relict porphyritic texture							
0.6									
1.1			BROKEN CORE						
1.6									
3.1	45								
1.1									
	49.4	AP > DTL							
		49.4 - 51.3m Partly weathered ferruginous							
	50	Below 49.4m the rock is altered							

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DIAMOND DRILL LOG

Hole No QR95 Page No 3

Feature : Bedding, Foliation, Fragment - size & shape; Shearing, Fault (F), 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
	50.8	AP > DTL Grey green carbonated locally Fault zone							Pyrite < 1% as above
0.4		Oxidized - frag, sheared and broken core. Core loss.							
0.1									
0.8	55								
0.2	56.3	Below 56.3 m the rock appears to be fresh. (Locally sheared)							
0.7		(Chloritized) feldspar, quartz crystal lithic tuff - agglomerate / agglomerate							
2.4		Feldspar crystals are ref by aggs of carbonate and sericite/chlorite up to 3 mm. Quartz crystals by aggregate of grey quartz to 1.5 mm.							
1.4	60								
1.5		Fragments are elongated in direction of foliation 25° to C.A. and range from 0.5 mm to 6 cm. Predominately feldspar porphyry lava, weakly chloritized with matrix							
1.3									
HQ NQ 0.7		64.0 m Crude fragment alignment 25 - 30° Core axis bedding?							
3.0	65	The matrix is "granular" sugary texture due to recrystallized quartz.							
		66 m Iron oxide staining about fault.							
0.6		Below 67.0 m sub rounded fragments of tuff coloured dacite are common							
3.0		The matrix is often replaced by white carbonate.							
	70								
3.0									
	75								

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DIAMOND DRILL LOG

Hole N° QR 95 Page N° 4

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
3.0		AP > DTL as above	BROKEN CORE						Pyrite < 1% as above
3.0									
3.0	80								
1.1									
1.4	84.0	Fault Fug and breccia 3cm wide sub-parallel to C.A.							
1.0	85 86.1	DTL The core is now generally buff in colour, feldspar represented by aggregates of green chlorite / sericite. Similar (DTL)	BROKEN CORE						
1.3									
1.2									
1.6	90								
1.3	90.2	Fault zone Fug, breccia. 30% sheared and broken core.							
0.9		Ironstained 97.0 – 100.5 m.							
1.5	95	Faulting is generally sub-parallel to core axis. – commonly chlorite "sealed" – carbonate veining has been noted.							
0.4									
1.2		Slickensides perpendicular to core axis have been noted.							
0.2									
1.0	98.2	GRADATIONAL CONTACT WITHIN FAULT ZONE							
0.8		DTL Buff-pink feldspar porphyry lava (carbonated locally sericitized)							
0.6	99.8 100								

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DIAMOND DRILL LOG

Hole N° QR95 Page N° 5

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
3.1		locally tuff-lava. Feldspar phenocrysts are represented by aggregates of green sericite/chlorite up to 3 mm locally euhedral in outline. The groundmass is buff in colour - pink where carbonate alteration is increased. Minute grains of iron oxide produce the pink colouration.							Pyrite <1% or above.
3.0	105								
3.0		Fragments (not common) are generally green in colour due to chlorite alteration. The rock is locally siliceous due to recrystallized quartz in the matrix.							
3.0	110								
3.0									
3.0	115								
3.0									
3.0	120								
3.0		Below 123 m feldspar phenocrysts are pale green to white in colour, sericite/carbonate alteration. Chlorite is no longer common.							
	125								

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DIAMOND DRILL LOG

Hole No QR 95 Page No 6

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
3.0		DTL as above 125.0 - 149.6 the rock is pink in colour, ferroxide - enhanced by carbonate alteration.							Pyrite <1% as above
3.0	130	The rock is largely unbroken. - uniform Daciti lava.							
2.9									
3.1	135		c						
3.0			c						
3.0	140		c						
3.0		142.7m. 10cm quartz/carbonate vein with "clots" of chlorite.							
3.0	145	Occasional fractures at 30° to CA are commonly chlorite lined.	c						
3.0			c						
	150	148.9m Sample for Petrology 151977 Below 149.6 the rock is buff in colour - uniform lava as above.							

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DIAMOND DRILL LOG

Hole No QR 95 Page No 8

Feature : Bedding, Foliation, Fragment - size & shape; Shearing, Fault (F), 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
3.0		DTL lava as above. Feldspar phenocrysts commonly replaced by green coloured aggregates of sericite/chlorite			Pyrite < 1% as above.
3.0	180				
3.0	182	Carbonate cemented breccia at contact			
3.0		Green - buff carbonated locally sericitized, chloritized lithic tuff agglomerate/agglomerate.			
3.0	185	Fragments from 0.5cm to 15cm are irregular to subrounded in outline. They consist of green chloritized tuff or lava. Buff feldspar porphyry lava - occasionally pale green in colour and green-brown coloured flow banded lava. Below 193.0 m fragments are commonly mauve in colour.			
3.0	190	The matrix is green-grey in colour and fragmental in texture.			
3.0		The rock is compact - very largely unbroken.			
3.0	195				
3.0					
	200				

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DIAMOND DRILL LOG

Hole N° QR95 Page N° 9

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
3.0		DTL as above.							Pyrite < 1% as above.
3.0	204.0 m	Foliation 40° C.A. Below 204.3 m the rock is green in colour illustrating an increasing chlorite content. Generally fragments are less than 5 cm.							
3.0	205								
3.0	210								
	210.6	Contact 15° to C.A.?							
3.0		Green locally Mauve carbonated vesicular feldspar porphyry lava. Vesicles are represented by oval shaped carbonate aggregates to 5 mm in length, feldspar by aggregates of green sericite/chlorite to 3 mm. The groundmass is fine grained quartzo-feldspathic.							
1.1	215	GRADATIONAL CONTACT							
1.0	216	AP Green carbonated locally chloritized vesicular lava, similar to above. The contact is designated by the appearance of pink (albite) altered feldspar phenocrysts.							
3.0	219	Green carbonated weakly chloritized lithic tuff agglomerate (feldspar crystal) or lava breccia?							
	220								
3.0		Fragments to 6 cm are commonly feldspar porphyry lava, green in colour with aggregates of white carbonate, locally pink (albite) to 4 mm after feldspar.							
2.8	225	The matrix is of similar							

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DIAMOND DRILL LOG

Hole N° 9295 Page N° 10

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
		composition and texture as the fragments.	BROKEN CORE						Pyrite < 1% as above.
0.05									
1.1									
3.0	230								
3.0									
3.0	235	Fractures commonly 40° CA.							
3.0									
3.0	240								
3.0									
3.0	245		BROKEN CORE						
3.0									
	250								

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DIAMOND DRILL LOG

Hole No PR 95 Page No 11

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
		AP as above.							Pyrite < 1% as above
3.0									
3.0	255								
3.0		Below 258.3m the rock appears to be brecciated. Angular frags up to 5 cm of feldspar porphyry lava in a white carbonate matrix down to 262m.							
3.0	260								
3.0		Below 262m the rock is green frag'd. A.P occasionally bleached to pale green in colour due to carbonate alteration.							
3.0	265								
1.4		Fractures at 70°-60° to core axis are chlorite lined.							
NQ									
BQ 1.5									
3.0	270								
3.0									
	275								

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DIAMOND DRILL LOG

Hole No QR95 Page No 12

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	DEPTH m	MINERALIZATION
3.0		AP as above.	BROKEN CORE		Pyrite <1% as above
		Below 275.6 m. Fragment outlines are generally obscure, possibly a lava breccia.			
2.8	280				
3.1					
3.0	285				
		Below 286.6 the rock is carbonated, green locally buff lithic tuff agglomerate. (feldspar crystal) Weak chlorite alteration imparts a green colouration.			
3.0	290	Buff to pink fragments of feldspar porphyry lava and green fragments with white carbonate aggregates after feldspar predominate.			
3.0					
3.0	295	Feldspar crystals are interpreted from aggregates of white carbonate within the matrix.			
3.0					
3.0	300				

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DIAMOND DRILL LOG

Hole No QR95 Page No 13

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
3.0	305	Carbonated locally chloritic green locally buff feldspar crystal lithic tuff agglomerate as above. Below 290 m pink aggregates of carbonate or albite (Albite) have been noted in alteration of feldspar. Down to 305.0 m. Fragments up to 20 cm have been noted.							Pyrite <1% as above. Minor epidote has been noted associated with quartz veins.
3.0	308								
3.0	310	Green carbonated locally chloritic feldspar crystal locally vesicular lava breccia. Similar to the rock above. The presence of carbonate filled vesicles in ball groundmass and fragments suggests the rock is a lava breccia.							
3.0	315								
3.0									
3.0	320								
3.0									
3.0	325								

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DIAMOND DRILL LOG

Hole NO QR 95 Page N° 14

Feature : Bedding, Foliation, Fragment - size & shape; Shearing, Fault (F), 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
		AP as above.							Pyrite <1% as above
		Green carbonated locally chloritic feldspar crystal lithic tuff - agglomerate or lava breccia?							
3.8	330								
4.9									
	335	Near 335.0m sub-rounded aggregates of carbonate - may represent filled vesicles hence the rock may be a lava breccia.							
4.1									
	340								
4.9									
								344	3cm Py 5 associated with carbonate vein.
2.6	345								
4.5									
	350								

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DIAMOND DRILL LOG

Hole No QR95 Page No 15

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
		AP as above.							Py < 1% as above
		feldspar crystal lithic tuff agglomerate or lava breccia?							
4.9	355								
1.1									
1.5									
4.5	360								
4.9	365								
4.1	370								
		372.1m Sample for Petrology 151982							
		372.0m Foliation 30° - 50° C.A.							
	375								

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DIAMOND DRILL LOG

Hole No QR 95 Page No 16

Feature : Bedding, Foliation, Fragment - size & shape; Shearing, Fault (F), 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
4.9		Ap as above							Py. < 1% as above.
4.0	380		c						
4.8	385								
4.1	390		q					387.3	Rare eggs of Sph, Gn associated with quartz vein. (Secondary)
4.9	395								
4.1	400								

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DIAMOND DRILL LOG

Hole No OR 95 Page No 17

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
4.9		AP as above.							Pyrite < 1% as above
4.1	405	The core is generally unbroken. Massive feldspar crystal lithic tuff agglomerate or lava breccia.							Minor epidote associated with quartz carbonate veins.
4.9	410								
4.1	415								
4.9	420								
4.1	425								

DIAMOND DRILL LOG

Hole No DR95 Page No 18

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
		AP as above							Pyrite <1% as above.
4.9	430	Lithic fragments are generally obscure. The rock is probably a lava breccia.							
4.0	435								
4.9	440								
4.1									
4.9	445								
	450	Below 449 m the rock is dark green - chloritic	c						

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DIAMOND DRILL LOG

Hole No QR 95 Page No 19

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	DEPTH m	MINERALIZATION
4.0		Below 450 m the rock appears to be more chloritic - green in colour. Small carbonate veins to 1 cm are numerous.			Pyrite < 1% as above.
1.8	455				
4.1	459	FAULT CONTACT			
1.5	460	DTL > Py R Fault zone Pug, sheared and broken core.	BROKEN CORE	459.0	Pyrite 2% - 3% as disseminations aggregates and irregular veins of fine and fractured to euhedral crystals.
2.9	460.65	Grey - buff carbonated, locally sheared down to 464.0 m. Feldspar porphyry lava. Foliation 70° CA. Feldspar phenocrysts are represented by aggregates of grey - pale green sericite, occasionally euhedral in outline up to 3 mm. The groundmass is grey - buff in colour fine grained quartzo - feldspathic.			
4.4	465				
4.9	470	The rock is locally brecciated, tuff - lava, lava breccia. Fragments are occasionally altered to Sericite.		468.9	Pyrite 3% - 5% locally 10% as above.
	475			474.0	Pyrite 2% - 3% as above, rare Sph, Gn.

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DIAMOND DRILL LOG

Hole NO QR95 Page NO 20

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	DEPTH m	MINERALIZATION
4.1		DTL > P_1P_1 as above			Pyrite 2% - 3% as above.
	478.6			478.1	Pyrite 3% - 5% as disseminations aggregates and irregular veins.
		P_1P_1 Grey carbonated locally sericitized coarse lithic tuff. Mixed fragment types in a blue grey siliceous matrix. Foliation 60° CA.			
	479			479.0	
4.5		DTL > P_1P_1 Grey - Buff carbonated feldspar porphyry lava as above 476.6m. Minor carbonate veins to 1cm are common.			Pyrite 2% - 3% as above.
	489				
4.8					
	485				
4.1					
	490	489.6 rounded to elongate carbonate aggregate - up to 5mm are considered to be filled vesicles.			
	491.5	ERRATIONAL CONTACT		491.5	Pyrite 3% - 5% as disseminations and aggregates.
4.5		P_1P_1 Grey carbonated locally sericitized lithic tuff agglomerate. Lithic fragments are irregular to sub rounded in outlier, grey chert, fine grained tuff, feldspar porphyry lava, in a grey siliceous matrix. Possibly "N" lens position. Below 497.1. Sericite alteration is more noticeable. Minor carbonate veinlets are common.			
	495				
4.5				497.1	Pyrite 10% more Sphalerite and galena.
				498.8	Pyrite 3% - 5% as above
0.5	500				

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DIAMOND DRILL LOG

Hole No QR 95 Page No 21

Feature : Bedding, Foliation, Fragment - size & shape; Shearing, Fault (F), 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
2.2		Py P. as above.							Pyrite 3% - 5% as above Rare Sph, Gn.
4.6	505								
		Below 506 m the rock is light grey in colour - coarse lithic tuff. Foliation 60° C.A.						505.9	5 cm Pyrite 15%
	509.2								
4.8	510	Carbonate - sericite alteration zone. The rock is locally disrupted fragment outlines are obscure. - Sub rounded to rounded aggregates of carbonate in a grey sericite matrix are common.						509.2	Pyrite 5% trace Sphalerite and Galena. as disseminations and aggregates.
4.0	514.0							514.0	Pyrite 1% - 2% as disseminations and aggregates.
	515	Buff - grey feldspar porphyry lava. locally fragmental.							
		Feldspar phenocrysts are represented by aggregates of pale green sericite to 3mm in a groundmass of fine grained quartz / feldspar.							
4.9	520							519.6	Pyrite 3% as above
4.1									
	525								

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DIAMOND DRILL LOG

Hole No QR 95 Page No 22

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	DEPTH m	MINERALIZATION
	525.1	Grey-buff carbonated locally sericitized lithic tuff agglomerate.			Pyrite 3% as above.
4.4		Lithic fragments are irregular in outline, generally buff feldspar porphyry lava.			
	530	Below 528.0 m the fragments are often "shredded" in outlines - due to local shearing? - to 532 m.			
4.4					
4.9	535	536 m Bedding 50° C.A.			
	538.5	Fault Zone Fug and breccia			
1.6	540	50° to Core Axis.			
	540.5			540.5	Pyrite 3% - 5% as disseminations, aggregates and irregular veins.
4.8					
	544.6			544.6	Pyrite 3% as above
	545	Grey locally buff in colour feldspar crystal tuff - or lava? Feldspar crystals are altered to sericite and carbonate. Aggregates of carbonate may also represent altered fragments			
3.7		Foliation 60° C.A.			
	550				

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DIAMOND DRILL LOG

Hole No DR95 Page No 24

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	DEPTH m	MINERALIZATION
		Py P1 as above.			Pyrite 3%-5% as above.
	576.1			576.1	
4.9		Grey carbonated locally sericitized feldspar crystal lithic tuff. Feldspar crystals are represented by aggregates of carbonate and sericite to 3mm. Lithic fragments are not common, irregular in outline up to 1cm. Foliation 60° C.A.			Pyrite 5% as disseminations, aggregates and irregular veinlets.
	580				
4.1					
	585				
4.9		Below 589m the rock is locally carbonate rich and broken possibly resulting from the proximity to a large fault zone.	BROKEN CORE		
	590				
1.3					
	592.8				
4.0		Fault zone Pug and breccia. Sheared and broken core. 40° C.A.			
	595				
	596.2				
4.1		Py P as above.	F F F		
	599.3				
	600	Fault zone Pug and Breccia. Sat. foliated to C.A.			
	600.1				

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DIAMOND DRILL LOG

Hole No QR 95 Page No 25

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
	600	FAULT ZONE AT BASE							Pyrite 5% or above.
4.9		Grey carbonated locally sericitized coarse lithic tuff. Lithic fragments to 2cm are irregular in outline, generally composed of feldspar porphyry lava? - feldspars replaced with sericite. Often the frags are completely sericitized. The groundmass is fine grained blue grey in colour and siliceous							
	605	E.O.H.							
	610								