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DRILL HOLE RECORD

Location Que River Area Property MackintoshEL2/70 District Tasmania, Australia Alt./R.L. 686.7 Hole No QR32

Commenced 14/4/75 Completed 30/4/75 Core size NQ to 321.5m, BQ to 441m EOH Co-ordinate 7898.12N, 4984.30E Date 6/5/75

Objective Northern strike extension of O/P and Q lenses. % Recovery 94.5 (97 over cored interval, 12.2m to EOH) Bearing (M) 100° Grid bearing (M) 8.75 Logged RDB Dip -50

SURVEY DATA

DEPTH	DIP	BEARING(M)	INSTRUMENT TYPE
0	50	98	Clino/Compass
26	51	104.5	Eastman
57	48	104	" single
94	43.5	106	" shot
127	41	109	" camera
154	38.5	110.5	"
181	35	111	"
212	33	112	"
244	29	115	"
270	24	114.5	"
300	21	115	"
330	19.5	117.5	"
359	16	118	"
393	9	118.5	"
437	0.5	121	"
0	50°28'40"	100°27'27"	Theodolite

GRAPH DERIVED DATA

DEPTH	DIP	BEARING(M)	NORTHING	EASTING	ALTITUDE
0	50	100	7898.1	4984.3	686.7
25	51	99.5	7897.8	5000.2	667.4
50	48.5	100.5	7897.5	5016.3	648.3
75	46	101	7896.9	5033.3	630.0
100	43	102	7896.1	5051.1	612.5
125	41	104	7894.7	5069.6	595.7
150	39	106	7892.6	5088.7	579.7
175	35.5	106.5	7889.9	5108.4	564.6
200	33.5	107	7887.0	5128.8	550.4
225	31	108.5	7883.7	5149.7	537.1
250	27.5	109.5	7879.8	5171.1	524.9
275	23.5	110	7875.5	5193.2	514.1
300	21	110.5	7870.9	5215.9	504.6
325	20	112	7866.1	5238.7	495.7
350	17	113.5	7860.7	5261.7	487.5
375	12.5	113.5	7854.6	5285.1	481.2
400	8	114	7848.2	5308.8	476.7
437	0.5	116.5	7837.7	5344.1	474.0
441	0.5	116.5	7836.5	5347.9	474.0
(Pick up of drill string for dip and azimuth).					

REMARKS

4.5° deducted from camera azimuths to compensate for interpreted calibration error.

End of hole

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DIAMOND DRILL LOG

Hole No QR 32 Page No 1

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
	5	No core.							
	10								
	12.2								
1.7		PyP Lightly weathered to 18.5m with iron staining common along fractures and in sheared and broken areas.							Pyrite 1% as aggregates, veins, rare bands and as discrete euhedral crystals.
0.45									
	15		BROKEN CORE						
0.8									
2.5		Grey coarse <u>lithic tuff/tuff agglomerate</u>.							
	20	Large green-grey fragments to 6cm are angular and have euhedral aggregates of pale green sericite Other fragments to 4cm are light grey green with lens shaped sericite aggregates, and have a wispy irregular outline. Possibly disrupted fragments, as described above, of feldspar crystal tuff.							
3.05		Fragments of filamentous pumice? are pale green and thoroughly altered to white? and green sericite.							
	25								

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DIAMOND DRILL LOG

Hole N° QR32 Page N°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	DEPTH m	MINERALIZATION
3.05		Fragments and disrupted bands of fine, dark grey, siliceous tuff have irregular cavities and vugs occasionally with vesicular quartz crystals. Other fragments to 1cm, grey-buff in colour are possibly quartz crystal tuff.			Pyrite 1% as above.
3.05		Light grey chert nodules and angular fragments (to 3cm) have carbonated tension fractures.			Rare Gn has been noted with carbonate veins.
	30				
3.05		The matrix is light grey, carbonated, and has sugary quartz crystals (< 1mm) often with corroded margins.			
3.05		Weak foliation is at 30° to the core axis while fractures vary between 30-50° to the core axis.			
	34.1				
	35	Grey carbonated, locally sericitised lithic tuff. The unit has a "pyroclastic" appearance with fragments that appear genetically the same as described above but			
3.05	36.85	generally much smaller, usually			
	37.25	FAULT ZONE Pug, sheared and broken core			
		1cm. Carbonate through the matrix is common while irregular aggregates to 2mm are abundant.			
3.05	40	38.4-40.4m, the unit is a coarse lithic tuff with fragments of grey buff dacitic lava to 3cm. Foliation is emphasised by "wisps" of green sericitised filamentous pumice?			
3.05		Between 44.5-46.0m, the unit has a very "ashy" appearance. Pyrite fragments to 0.5cm have occasional occurrence.			
10.6	45				
2.4					
	47.5				
3.05		Below 47.5, the unit appears to be a grey water lain tuff with rare lithic fragments of feldspar crystal tuff to 5cm. Possible graded bedding at 50m suggests facing is up hole to the west.	BROKEN CORE		
	50				

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DIAMOND DRILL LOG

Hole No QR32 Page No 3

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
	50.6	As above.							Pyrite 1%.
3.05		Mottled grey carbonated lithic tuff agglomerate. Buff-green, angular to subangular fragments (to 10cm) are sericitised and carbonated, possibly a feldspar, quartz crystal tuff.						53.65	Quartz-carbonate vein with trace Sph and Gn.
3.05	55	Fragments of buff-grey dacitic lava? (to 2cm) occur at the beginning of the unit but are rare below 55m. Other fragments include dark grey tuff (to 1cm) random pyrite fragments (to 0.5cm) and carbonated fine tuff, rounded and rimmed with fine pyrite. Irregular carbonate aggregates and veins that have random orientation with respect to the core axis are common between 56-60m.							
3.05	60	The matrix is light grey, carbonated, and appears quartz rich with abundant sugary quartz crystals (< 1mm)							
0.6	62.4	Band of fine grey possibly feldspar crystal tuff.							
2.45	63.5	Foliation is 30°-40° to the core core axis while fractures are between 30° and 60°.							
	65								
	65.5	DTL						65.5	Pyrite rare.
3.05		Pink-buff fine grained feldspar crystal? tuff, weakly sheared with occasional lithic fragments. An irregular fracture pattern has grey alteration zones along fractures as well as quartz carbonate fillings rimmed with fine dusty pyrite.							
	69.8							69.8	Pyrite as above 65.
	70	PyP							
3.05		Mottled grey carbonated lithic tuff agglomerate. Similar to that described above between 50.6 - 62.4m.							
3.05	75								

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DIAMOND DRILL LOG

Hole N° QR32 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	DEPTH m	MINERALIZATION
3.05		Fragments? (to 50cm, commonly 5cm) of feldspar? crystal tuff, as described described between 65.5m - 69.8m also occur.			Py 1% as fragments, discrete euhedral crystals, small bands (to 0.5cm) and as fracture fillings of fine dusty pyrite.
	78.4	DTL		78.4	
3.05		Pinkish-buff-green, fine feldspar? crystal tuff. Similar to above between 65.5m - 69.8m small aggregates (to 2mm) of illite-hydromuscovite are common.			Pyrite rare
	80				
3.05		Below 87m, the unit becomes disrupted, brecciated, and silicified. Chert and pyrite appear as common fracture fillings.			
	85				
3.05					
	86.0	PyP		86.0	Pyrite 1% as above 78.4m
3.05		Mottled grey carbonated lithic tuff agglomerate, similar to above between 69.8m-78.4m and 44.5m-46.0m. There appears to be a cyclicity of unit type occurrence.			
	90	DTL			
3.05		A very varied and disrupted unit. Essentially a pink-grey feldspar crystal tuff-lava, as described above between 65.5m - 69.8m with extensive grey alteration zones throughout.			
0.6					
	95	Around 94.7, fine dark grey band with white bands (to 2mm), parallel to the core axis, possibly flow banding.			
2.35					
3.05		Occasional bands or large fragments of grey lithic tuff agglomerate, similar to above between 50.6m-62.4m, also occur.			
	100				

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DIAMOND DRILL LOG

Hole N° QR32 Page N° 5

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
2.45		Chert bands and nodules are common throughout.							Pyrite as above.
1.0									
1.7	105	Disrupted and brecciated zones are often silicified and some minor fractures appear to be healed with carbonate.							
1.45									
1.35									
0.3	110	2.6m core loss - mis-latch of inner tube.							
3.0									
	115								
3.15	116								
	116.35	FAULT ZONE Broken and sheared core							
3.05									
	120	Illite-hydromuscovite has been noted.							
3.0									
2.5	125								

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DIAMOND DRILL LOG

Hole N° QR 32 Page N° 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	DEPTH m	MINERALIZATION
3.05	130	As above. Below 129m, the unit has an overall grey colour with occasional unaltered? kernels. Pale green sericite aggregates with euhedral outlines, possibly represent altered feldspar. The matrix is pale grey and slightly siliceous.	TRACE / COMMON / ABUNDANT / MASSIVE		Py 1% as fragments (to 0.5cm) small band (to 0.5cm) and as fracture fillings of fine dust.
3.05	135				
3.05	140	Below 138m, the unit has a green grey colouration, possibly caused by chloritisation. Local areas are sericitised and irregular carbonate veins are common.			
3.05	145				
3.05		Below 147m, the unit is disrupted and locally brecciated.			
2.5	149.9	FAULT CONTACT			
	150				

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DIAMOND DRILL LOG

Hole Nº QR32 Page Nº 7

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
		Fault Zone Fault pug, badly sheared and broken core.							Py 1-3%, occurs as above.
0.9									
	152.5	PyP Grey, thoroughly sericitised coarse lithic tuff.							
3.05	153.9	DTL Disrupted, variably grey-buff feldspar? crystal tuff-lava as described above 149.9m.						153.9	Pyrite < 1%
	155	Locally silicified, quartz and quartz carbonate veins are common.							
1.75									
1.8									
	160								
3.05									
2.95									
	164.7	PyP Grey locally sericitised tuff with abundant carbonate "spots" (to 2mm) possibly altered feld..							
	165								
3.05	166.5	DTL Lime green-buff, sericitised and carbonated, locally silicified feldspar? crystal tuff-lava similar to above 164.7m with sericite alteration imparting a lime green hue.							
2.45									
	170								
	171	Gradational Contact PyP Grey locally sericitised and silicified coarse lithic tuff. A varied and in places thoroughly disrupted unit.						171	Py 1% as aggregates and veins of fine euhedral to subhedr crystals.
3.05									
	175								

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DIAMOND DRILL LOG

Hole Nº QR32 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
3.05		In general, the fragments (up to 7cm, usually 1-2cm) are sericitised and to a lesser extent chloritised, and have fine pyrite dust throughout.							Py 1% as above.
3.05		Some fragments (to 3cm) of dacitic lava? are pinkish grey, angular and have euhedral sericite aggregates. Other fragments (to 2cm) are angular and have a "wispy" appearance. Possibly pumice or a sheared feldspar crystal tuff.							
	180								
3.05		The matrix is grey, fine grained and usually carbonated.							
1.8		Foliation, and occasionally bedding? is at 40° to the core axis, while fractures are between 30° and 60° to the core axis.							
	185								
3.05									
1.25									
	190	Random bands of fine grey pyritic tuff, possibly feldspathic, with occasional sericitised lihtic fragments occur below 190m.							
3.05									
	195								
2.4									
2.55									
	200								

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DIAMOND DRILL LOG

Hole NO QR 32 Page No 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
3.05		As above. Between 198m-205m, the unit is disrupted and thoroughly silicified.							Py 1% as above.
3.05	205								
3.05									
3.05	210								
3.05	213.6	Gradational Contact The unit has an overall grey colouration with buff-green buff occasionally grey-green patches throughout. A difficult unit, that is possibly a coarse lithic tuff/ tuff agglomerate with fragments (to 10cm) of buff-green buff feldspar crystal tuff (lava?), in a fine grey carbonated, quartz, possibly feldspar crystal tuff groundmass. With no significant chlorite/ sericite alteration, only carbonate spotting occurs in some fragments.						213.6	Pyrite rare.
3.05	215								
3.05									
3.05	220								
3.05									
	225								

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DIAMOND DRILL LOG

Hole N° QR32 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
3.0		A diffuse, marginal, grey alteration effect can be observed in some fragments.							Pyrite rare.
1.7	229								
0.8	230	FAULT ZONE Broken and sheared core. Some fault pug.							
3.0		230m - 233m, small irregular carbonate aggregates (< 1mm) are abundant. Below 233 larger carbonate aggregates (to 3cm) occur and together with random quartz veins become common below 142m.							
3.0	235								
3.0		Fractures are at 60° to the core axis while foliation appears to be between 30° and 40° to the core axis.							
3.0	240								
3.0	245								
3.05									
	250								

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DIAMOND DRILL LOG

Hole N° QR32 Page N° 11

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
3.05		As above.							Pyrite rare.
1.7	252.4	FAULT ZONE Broken and sheared core. Some pug.							
3.05	254.6 255	Grey sericitised coarse lithic tuff. Fragments of dacitic lava? to 2cm, angular to subrounded have euhedral aggregates of pale green sericite. Other fragments of fine grey tuff are sericitised have fine pyrite disseminations. Irregular "wispy" fragments to 1cm are possibly pumice or sheared feldspar crystal tuff. The matrix is light grey, carbonated and has sugary grey quartz crystals (<1mm).						254.6	Py 5% as aggregates and veins of euhedral to subhedral crystals.
3.05	260								
3.05									
3.05	263.55 265	DTL Green-buff fine carbonated tuff (tuff lava?). Possibly feldspathic, with fine chlorite flecks imparting overall green colouration. Chlorite also occurs in irregular fractures.						263.55	Pyrite rare.
3.05									
3.05	270	A "hairline" contact exists between this unit and the upper PyP unit.							
3.05	275								

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DIAMOND DRILL LOG

Hole No QR32 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	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
1.25		As above.							Pyrite rare as above
2.3									
0.75									
2.9	280								281.2-281.85. Py 7% as veins and aggre-ates. Sph 3%, Gn 1%, tr. Cpy as fine veins (to 1mm). 281.85-283. Py 10% as fine disseminations and veins (to 0.5cm). Pale brown Sph 30%, Gn 20%, tr. Cpy occur as bands (to 4cm). 283-285.25. Py 15%, Sph 20%, Gn 10%, tr Cpy occurs as above 285.25-285.85. Py 5%, tr. Sph, Gn, Cp 285.85-287. Py 10% Sph 3%, Gn 1%, tr Cpy occurs as irregular aggregates and veins. 287-292.80. Py 15% Sph 3%, Gn 1%, tr. Cpy as bands and fragments (to 3cm). Fine white bands (to 1cm) occur at 287.? - possibly barite.
		281.2 DTL PyP Grey locally carbonated, sericitised lithic tuff. The unit contains bands occasionally disrupted (at 50° to core axis) and fragments (to 3cm) of massive base metal sulphides.						281.2	
								281.85	
3.05								283	
	285							285.25	
								285.85	
3.05								287	
		NOTE: 20cm core loss between 279.35m and 282.40m. Probably in the ore zone at 281.6m.							
3.05	290								
	291.1	FAULT ZONE Broken and sheared core. Some pug							
	291.55								
3.05								292.8	
	293.25	DTL Fine green tuff (tuff lava?) similar to above between 263.55m and 281.2m.						293.25	Py 3%, tr. Sph, Gn. Pyrite rare.
	294.6							294.6	Pyrite rare.
1.45	295	DP Blue-green-grey, chloritised, locally carbonated, lithic tuff agglomerate. Angular fragments (to 6cm) of feldspar? hornblende? crystal tuff, have pink-brown aggregates, possibly iron stained carbonate and dark green flecks possibly represent chloritised hornblende.							
1.5									
2.1		Other fragments (to 2cm) angular to subrounded are light grey,							
	300								

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DIAMOND DRILL LOG

Hole N° QR32 Page N° 13

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	DEPTH m	MINERALIZATION
1.2		siliceous and fine grained (quartz crystal tuff). The matrix is green-grey, carbonated, chloritised, and has fine sugary quartz crystals (< 1mm).	TRACE / COMMON / ABUNDANT / MASSIVE		Pyrite rare.
3.05		300m-307m. Grey-brown, quartz feldspar crystal tuff. Carbonated and with lath shaped aggregates (< 1mm) of sericite and chlorite the unit also contains red-brown aggregates (to 2mm) possibly iron stained carbonate.			
3.05	305	Below 307m, the unit is similar to above between 294.6m - 300m, with white sericite? and pale green lens shaped aggregates of sericite common above 308m.			
3.05		311.6m-312.9m, the unit becomes thoroughly carbonated.			
3.05	310	Fractures are ragged, often have carbonate and chlorite coatings and some have slickensides. The angle varies between 30° and 60° to the core axis.			
3.05		Below 319.8m, the unit is broken and some zones are thoroughly carbonated.			
1.15	315		BROKEN CORE		
3.05					
1.5	320				
2.75					
	324.5	Green-grey chloritised and carbonated coarse lithic tuff.		324.5	By 1% as veins and disseminations through the matrix.
	325				

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DIAMOND DRILL LOG

Hole N° QR 32 Page N° 14

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
2.7	326.75	Subanglar to rounded fragments (to 4cm) generally grey, have irregular aggregates (< 1mm) of pale green sericite & carbonate. FAULT ZONE. Some pug, broken core.	F		Pyrite 1% as above.
3.05	327.25	Bleached grey-off-white, occasionally with a pinkish hue, coarse lithic tuff/tuff agglomerate. Carbonate and/or white sericite alteration is common. Some euhedral aggregates of pale green sericite may be altered feldspar. Initially some zones have a green colouration due to minor chlorite alteration.		327.25	Pyrite 7% as veins and disseminations throughout the matrix, of euhedral to subhedral crystals.
1.3	330				
1.2	332.5	FAULT ZONE. Sheared and broken core.			
3.05	333.35	Mottled buff-grey tuff agglomerate with angular fragments (to 10 cm) of bedded? buff feldspar? crystal tuff. Similar to above 332.5m. Some thoroughly bleached fragments with lens shaped aggregates of sericite, possibly have been sheared.		333.35	Pyrite rare.
	334.25			334.25	Pyrite 7% as above 333.35m.
3.05	335				
3.05	340				
3.05	345				
3.05					
2.0	349.25	MP Green-green grey chloritised coarse lithic tuff/tuff agglom.	c	349.25	Pyrite 1% as above
	350				

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DIAMOND DRILL LOG

Hole N° QR32 Page N° 15

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	DEPTH m	MINERALIZATION
0.8		Green, thoroughly chloritised fragments (to 4cm) are subrounded and are possibly fine tuff. Other grey fragments (to 1cm), rounded and with carbonate spots (<1mm) are common. Other large (to 10cm) rounded fragments, possibly bands, are amygdaloidal. Vesicles, often irregular, are filled with carbonate. Irregular carbonate veins and illite-hydromuscovite are common below 354m.			Py 1% as aggregates veins and disseminations of euhedral to subhedral crystals.
3.05					
	355				
3.05		The matrix is light grey "ashy" and carbonated.			
1.6					
	360				
0.8	360.05	FAULT ZONE. 40cm broken and sheared core. Some pug.			
	361.7				
3.05		361.7m-363m, the unit is possibly an autobrecciated? fine grey tuff, carbonated, and with fine pyrite along fractures. 363m-365.4m, the unit is a grey coarse lithic tuff/tuff agglomerate, similar to above between 349.25m and 355m.		364.75	
	365			364.95	Py 10%, Gn 20%, Sp 5% as disrupted bands and aggregat (to 2cm), tr. Cpy as blebs <1mm.
1.25		365.4m-368.4m. Mottled buff-grey coarse lithic tuff similar			Below 364.95m, Py 1% as above.
	366.1				
2.2	366.3	FAULT ZONE Broken & sheared core to above between 333.35m and 334.25m			
	368.4			368.4	
0.7		Grey carbonated, locally silicified, lithic tuff agglomerate. Light grey fragments (to 5cm) have carbonate spots and occasionally euhedral aggregates all <1mm. Iron staining may impart the orange brown colour some aggregates have. Other dark grey rounded fragments (to 1cm) usually have fine dusty pyrite disseminations throughout, possibly a fine tuff. Some fragments are 'bleached', possibly white sericite alteration, and appear to be "stretched".			Py 3% as above.
	370				
3.05					
3.05					
	375				

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DIAMOND DRILL LOG

Hole N° QR32 Page N°16

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
3.05		The matrix is grey, carbonated, and has sugary quartz crystals <1mm throughout. Fractures are at 60° while foliation is at 40° to the core axis.			Py 3% as above.
	378.6			378.6	
2.0	380	Bleached grey-off-white coarse lithic tuff/tuff agglomerate. Similar to above between 327.25m and 349.25m. Carbonate and/or white sericite alteration is abundant. Pale green sericite aggregates, occasionally euhedral, may represent altered feldspar crystals, while lens shaped aggregates are possibly the result of shearing.			Py 7% as aggregates veins and disseminations in fragments of euhedral to subhedral crystals.
1.45					
3.05	385	The matrix is pale grey, and has fine sugary quartz crystals throughout. Fractures are at 60°, while weak foliation is usually 40° to the core axis.			
3.05					
3.05	390				
3.05					
3.05	395				
3.05					
3.05	400				

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DIAMOND DRILL LOG

Hole N° QR32 Page N° 17

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	DEPTH m	MINERALIZATION
		As above.			Pyrite 7% as above.
3.05	405				
3.05					
3.05		Below 409m, carbonate/sericite alteration is less common.			
1.2	410				
2.45					
3.05	415				
3.05					
	419.5	Grey-buff fine carbonated tuff (tuff-lava?) with slumped or disrupted bedding or possibly flow banding.		419.5	Pyrite rare.
	420				
	420.5	Similar to above between 378.6m and 409m.		420.5	Pyrite as above 419.5m.
2.45	422			422	
1.2		Buff-grey fine carbonated tuff, (tuff-lava?), bedded? at 40° to c.a. (Possibly a qtz. feldspar crys. tuff) Irregular sericite aggregates (<1mm) occur but are not common.			Py 1% as irregular veins, often with carbonate veins and aggregates, as fine euhedral to subhedral crystals.
2.45	424.3			424.3	
	425	Light grey carbonated tuff agglomerate.			

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DIAMOND DRILL LOG

Hole N° QR 32 Page N° 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
3.05	430	The unit has angular to rounded fragments grey in colour and usually between 1-6cm, randomly distributed in a carbonated, quartz-rich matrix. Pale green sericite aggregates are common and in some areas appear lens shaped, possibly as a result of shearing. The fragments often have carbonate spots and some have fine dark green-black flecks throughout, possibly chlorite replacing hornblende.							Pyrite 1% as above.
3.05		Some zones have a yellow-green "line" possibly a result of combined carbonate-sericite alteration.							
3.05	435	Foliation is weak, usually 30° -40° while fractures are at 60° to the core axis.							
3.05									
	440								
	441	E.O.H.							