

PASMINGO EXPLORATION DIAMOND DRILL HOLE LOG

Hole ID
BT4

DRILLING			OBJECTIVE							COLLAR SURVEY (AMG)			
Location	BROWNS TUNNEL		To test the northern down plunge position of a postulated cylindrical lens of mineralization intersected in EAF6 & BT2. RESULT High grade mineralization was intersected with a metre of the predicted position which gives credence to the model. The intersection is narrow but may represent clipping the top of a thicker lens.							AMG mN	5384685.0	Bearing	302.0
Project	BURNS PEAK									AMG mE	377821.8	Dip	-62.0
Prospect	BROWNS TUNNEL									mN		Hole Length	175.0
Design By	PMQ									mE		DH Survey Type	eastman single shot
Logged By	PMQ									RL	501.6		
Relogged										DOWNHOLE SURVEY (AMG)			
Commenced	13 May 1996									Depth	Bearing	Dip	
Completed	22 May 1996									0.0	-62.00	302.00	
Drilled By	East Coast Drilling									50.0	-59.00	298.00	
Drill Rig	LM38									100.0	-57.75	298.50	
SIGNIFICANT CORE LOSS			POOR GROUND CONDITION ZONES							150.0	-57.00	298.00	
HOLE SIZE			HOLE CONDITIONS AFTER COMPLETION										
From	To	Size	Collar		CAPPED								
0	29.8	HQ	Steel Casing										
29.8	175	NQ	PVC Casing										
			Ground Water										
			Wedge										
			Drill Pad									CLEARED AND SUMP FILLED IN	
SIGNIFICANT INTERSECTIONS													
From	To	Int	Cu	Pb	Zn	Ag	Au	Comments					
103	106.3	3.3	1060	3.1	4.7	51	0.53	Baritic					

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DESCRIPTION				GRAPHIC			STRUCTURES	
FROM	TO	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith		Struct
0.00	3.30	UNASSIGNED. core missing.	highly oxidised			???		
3.30	14.80	RHYOLITE red, brecciated, weathered oxidised rhyolitic lava breccia.. CONTACT: gradational				10		BROKEN CORE
14.80	26.20	RHYOLITE pink, brecciated, feldspar phyric. Abundant 5 to 50mm angular blocky feldspar phyric lava clasts in massive feldspar phyric matrix.. CONTACT: faulted to LCR	moderately oxidised			20		JOINT

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14.80	26.20	RHYOLITE pink, brecciated, feldspar phyric. Abundant 5 to 50mm angular blocky feldspar phyric lava clasts in massive feldspar phyric matrix.. CONTACT: faulted to LCR	moderately oxidised					
26.20	34.20	PUMICEDUS MASS FLOW buff, brecciated, feldspar phyric pumiceous. Abundant 5 to 50mm pumiceous clasts in feldspar phyric matrix. Similar composition and appearance to above interval but with distinct pumiceous texture.. CONTACT: faulted to LCR			30			JOINT
34.20	56.80	RHYOLITE grey, massive flow banded, feldspar phyric. Abundant 1mm white to pink feldspars, fine grained leucoxene and fine grained chlorite altered phenocrysts in pale grey massive vitric matrix. Flow banding occurs from 44 to 52m.. CONTACT: conformable abrupt			40			FAULT

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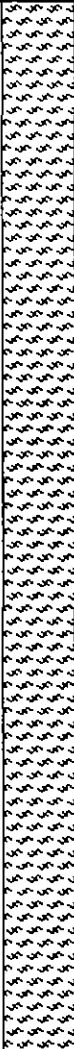
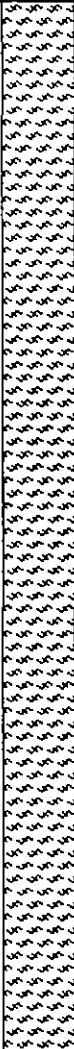
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34.20	56.80	RHYOLITE grey, massive flow banded, feldspar phyric. Abundant 1mm white to pink feldspars, fine grained leucoxene and fine grained chlorite altered phenocrysts in pale grey massive vitric matrix. Flow banding occurs from 44 to 52m.. CONTACT: conformable abrupt				50		
56.80	85.50	RHYOLITE red black, brecciated flow banded, feldspar phyric. Abundant 5 to 100mm angular to ragged clasts of massive to flowbanded red (feldspar altered) to dark green (chloritic) feldspar phyric lava in massive vitric lava of same composition.. CONTACT: gradational	slightly chloritised. red/green feldspar/ chlorite alteration.			60		

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FROM	TO	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith		Struct
56.80	85.50	RHYOLITE red black, brecciated flow banded, feldspar phyric. Abundant 5 to 100mm angular to ragged clasts of massive to flowbanded red (feldspar altered) to dark green (chloritic) felspar phyric lava in massive vitric lava of same composition.. CONTACT: gradational	slightly chloritised. red/green feldspar/ chlorite alteration.					
					70			FAULT R65
					80			FAULT R20 pug
								FAULT

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DESCRIPTION				GRAPHIC				
FROM	TO	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Struct	STRUCTURES
56.80	85.50	RHYOLITE red black, brecciated flow banded, feldspar phyrlic. Abundant 5 to 100mm angular to ragged clasts of massive to flowbanded red (feldspar altered) to dark green (chloritic) feldspar phyrlic lava in massive vitric lava of same composition.. CONTACT: gradational	slightly chloritised. red/green feldspar/ chlorite alteration.					
85.50	95.20	RHYOLITE red black, brecciated flow banded, feldspar phyrlic. Reworked lava breccia similar to above interval, with minor incorporated shale clasts.. CONTACT: conformable abrupt to LCA		DISSEMINATED trace pyrite disseminated. very fine grained pyrite. VEIN minor pyrite in veinlets minor sphalerite in veinlets, minor red brown coarse grained sphalerite aligned in cleavage in part, and in fine cream coloured carbonate veinlets perpendicular to cleavage. Trace chalcopyrite fringing dark sphalerite in cross cutting veinlets. VEIN minor sphalerite in veinlets trace galena in veinlets. crackle breccia in cherty silicified rock with network of fine red sphalerite, galen and chalcopyrite.	90			Fault R20
95.20	99.50	PUMICEOUS MASS FLOW yellow, pumiceous. Distinct zone of finely preserved 3mm pumice clasts, silica/sericite altered, feldspar phyrlic and containing minor grey shale clasts.	moderately sericitised. pumice breccia. lithology controle on alteration.	MASSIVE 10% sphalerite massive 10% galena massive. massive dark grey fine grained sulphide with fine trains of galena in pseudomorphing foliation in part, and interstitial to 5mm sulphide domains in part. Minor ghost cherty breccia texture in part. Trace brown coarse grained sphalerite replacement in part.				FIRST CLEAVAGE R45
99.50	101.30	PUMICEOUS MASS FLOW white grey, pumiceous. Blebby silicified pumice with sericite and chlorite with minor cream carbonate veinlets, and minor mineralization.. CONTACT: conformable abrupt	moderately silicified. silicified pumice breccia.	VEIN minor sphalerite in veinlets minor galena in veinlets. crackle breccia in cherty silicified rock with network of fine sphalerite galena and chalcopyrite.	100			
101.30	105.10	CHERT pale grey, fine grained. Zone of cherty silicification, original textures not evident. Abundant fine crackle fractures, mineralized to massive sulphide in part. Typical host.. CONTACT: faulted to LCA	highly silicified. typical cherty silica alteration with mineralised fine fractures.	MASSIVE 10% pyrite massive. Semi-massive fine grained pyrite aligned in cleavage in chloritic/sericitic feldspar phyrlic rock within fault zone.				

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FROM	TO	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith		Struct
125.20	135.70	ANDESITE buff, massive, feldspar phyric hornblende phyric. massive fine grained matrix with abundant 1mm white feldspars and green hornblend phenocrysts. (NOTE: no peperitic texture). CONTACT: conformable abrupt to LCA				130		
135.70	136.90	BRECCIA dark grey, poorly sorted matrix supported. chloritic monomict shale slump breccia.. CONTACT: conformable abrupt						Fault A35 pug
136.90	137.20	PUMICEOUS MASS FLOW white. silicified and mineralized pumice breccia, ghost undeformed 5mm pumice clasts.. CONTACT: faulted						
137.20	139.70	FAULT ZONE (PUG) dark grey. zone comprising pug, breccia, quartz veining at low angle to LCA and slickenlines on plane of quartz vein.. CONTACT: faulted					fz	Fault A15 pug breccia
139.70	141.70	PUMICEOUS MASS FLOW MIXED WITH SHALE dark grey, pumiceous. CONTACT: conformable abrupt				140		
141.70	147.00	SHALE dark grey, massive bedded. massive to bedded fine grained sandstone to shale unaltered but with minor mineralized veinlets.						

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
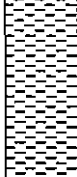


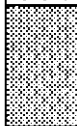
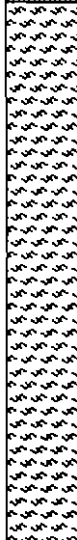
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FROM	TO	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	
147.00	148.50	RHYOLITE grey green, feldspar phytic. zone of reworked feldspar phytic volcanic detritus.. CONTACT: faulted to LCA		DISSEMINATED minor pyrite in veinlets trace sphalerite in veinlets. minor fine disseminated pyrite and minor coarse grained red sphalerite in fine irregular veinlets.	150		
148.60	152.90	SHALE dark grey, massive bedded. massive fine grained sandstone to shale unaltered but with minor mineralized veinlets.					
152.90	153.50	RHYOLITE yellow grey. reworked? feldspar phytic volcanic debris.. CONTACT: missing					
153.50	154.30	ALTERATION ZONE grey. Abundant to semi-massive cleaved pyrite in shale unit.. CONTACT: faulted				a/z	
154.30	154.90	RHYOLITE yellow. reworked volcanic debris.					
154.90	157.30	CHERT pale grey, massive. zone of mineralized cherty silicification. Typical host.. CONTACT: faulted to LCA	highly silicified. zone of mineralized cherty silicification. typical host.	VEIN minor sphalerite in veinlets trace chalcopryrite in veinlets. Minor coarse grained red sphalerite fringed by chalcopryrite in part, in crackle breccia in zone of cherty silicification.	160		Fault 160 breccia quartz
157.30	175.30	RHYOLITE buff pink, massive flow banded, feldspar phytic quartz phytic. Typical Pinnacles Rhyolite: feldspar and quartz phenocrysts in massive to flow banded lava. Minor leucoxene.					

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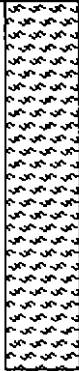
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157.30	175.30	RHYOLITE buff pink, massive flow banded, feldspar phytic quartz phytic. Typical Pinnacles Rhyolite: feldspar and quartz phenocrysts in massive to flow banded lava. Minor leucoxene.			170			
					180			

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