

DEPARTMENT OF MINES
BURMIE
RECEIVED 3 DEC 1991
ANSWERED
REF. No. HOLE No. 114K-03

PASMINCO LTD - ROSEBERY

DIAMOND DRILL RECORD

OBJECTIVE : To explore down plunge , to the south of J Lens

DEPTH : 1540.7

HOLE SIZE: NQ

RESULT : No host rock in this position

COMMENCED: Jan 91

PASMINCO LTD - ROSEBERY

COMPLETED: March 91

COLLAR DIP :

DIRECTION : '047 RMG

NORTHING : -297.1

EASTING : 1377.6

LOCATION : Mt Black

LOGGED BY : C.H.L.

COLLAR RL : 3582.5

FROM	TO	DESCRIPTION	ALT	CD	ROCK TYPE	MINERALISATION	SAMPLE NO.	FROM	TO
318.0	561.0	Mt Black Volcanics 318 to 387.2 Medium grey, porphyritic altered, feldspar phyrlic rhyolitic/dacitic volcanic; Siliceous alteration partly obscures textures; 2 to 3mm felsic phenocryst set in an aphanitic mesocratic siliceous matrix; occasional thin wispy white carbonate and or quartz veins; small pervasive fractures infilled by chlorite/biotite; very uniform interval except for some bleaching around thicker quartz veins; some core loss due to navi drilling.	sil	B	sil fels vol	Isolated rare euhedral fine pyrite crystals.			
		387.2 to 435.5 Coarse grained, feldspar phyrlic volcanic breccia, auto brecciated dacitic /rhyolitic 5mm clasts set in an aphanitic melanocratic matrix; feldspar phyrlic with secondary feldspar in the matrix and vague outlines of primary feldspar in the clasts; unit has vague upper contact and gradational lower contact and could represent the auto brecciated top of a lava flow; traces of biotite/chlorite alteration in the matrix and infilling micro-fractures. Rare traces of fluorite associated with occasional wispy thin discontinuous carbonate veins.	biot	C	Auto Bkd dac/rhy lav	Very fine grained sparsely disseminated pyrite predominantly confined to the matrix and on the margins of micro fractures.			
		435.5 to 561m Light to medium grey, feldspar phyrlic altered dacitic/rhyolitic volcanic; silica alteration at first becoming less siliceous; down hole; feldspars are at first silica altered then sericite altered and or biotite/chlorite altered; felsic crystals become larger and more numerous as alteration changes; some brecciated areas due to secondary chlorite veining which could represent minor shearing; occasional white carbonate veins at 45 degrees to core axis; rare traces of fluorite.	sil	C	fels sil vol	Sparsely disseminated very fine grained pyrite generally associated with chloritic alteration.			
561.0	565.0	Fault zone, white pug fill with siliceous			Fault	No visible mineralisation			

Depth	Dip	Azimuth	\$	To	RQD%
0.00	-86.00	47.00			
30.00	-86.00	49.00			<S=Shear>
60.00	-86.00	47.00			
90.00	-86.00	48.00		369.3	75
120.00	-86.00	53.00		372.0	20
150.00	-86.00	58.00		384.2	75
201.00	-85.80	57.00		385.2	10
252.00	-86.00	60.00		441.5	70
303.00	-85.80	53.00		561.0	80
318.00	-85.50	52.00		565.0	0
330.50	-85.50	54.00		671.0	80
337.00	-85.50	55.00		786.5	75
345.00	-85.00	53.00		790.4	20
351.00	-85.00	64.00		869.4	75
363.00	-85.00	63.00		873.0	40
375.00	-86.00	65.50		897.5	80
387.00	-84.50	62.00		915.5	20
400.00	-84.50	68.00		932.0	75
406.00	-84.00	62.00		960.4	50
413.00	-83.50	61.00		999.0	75
420.00	-83.00	65.00		1053.0	65
429.00	-82.00	68.00		1174.0	50
433.00	-80.00	77.00		1229.0	75
441.00	-79.00	77.50		1284.0	80
450.00	-79.00	82.00		1296.5	30
462.00	-77.50	87.00		1350.5	60
474.00	-76.00	91.00		1365.2	55
484.00	-75.00	93.00		1420.0	60
492.00	-74.00	93.00		1424.7	40
504.00	-73.00	97.00		1522.5	70
510.00	-72.50	98.00		1526.7	30
522.00	-71.00	102.00		1540.5	55
528.50	-71.00	103.00		eah	
534.00	-71.00	103.00			
543.00	-70.00	105.00			
549.00	-69.00	106.00			
564.00	-69.00	113.00			
570.00	-69.00	114.00			
576.00	-69.00	114.00			
580.00	-69.00	114.00			
594.00	-69.00	114.00			
600.00	-69.00	115.50			
606.00	-69.00	117.00			
612.00	-69.00	117.00			
627.00	-71.00	118.00			
630.00	-71.00	118.00			
636.00	-70.00	118.00			
642.00	-70.00	118.00			

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Depth	Direction	Dip	Depth	Direction	Dip

COLLAR DIP : 86

HOLE No. : 114R-D3

DIRECTION : '047 RMG

LOCATION : Mt Black

NORTHING : -297.1

LOGGED BY : C.H.L.

EASTING : 1377.6

COLLAR RL : 3582.5

FROM	TO	DESCRIPTION	ALT	CD	ROCK TYPE	MINERALISATION	SAMPLE NO.	FROM	TO	Depth	Dip	Azimuth	Fe	\$	To RQD
													%		<S=Shear>
		volcanic angular clasts; earlier chlorite veining visible in some clasts suggesting earlier ductile movement.			breccia	associated with the fault but clasts have rare extremely fine grained pyrite.				666.00	-70.00	123.00			
										684.00	-69.00	129.00			
										690.00	-69.50	129.00			
										696.00	-69.00	129.00			
565.0	1365.2	MT BLACK VOLCANICS								702.00	-69.00	129.00			
										711.00	-69.00	133.00			
										717.00	-69.00	133.00			
										723.00	-69.00	134.00			
										735.00	-69.00	133.00			
										747.00	-70.00	138.00			
										750.00	-70.00	138.00			
										753.00	-70.00	139.00			
		565 to 632.1 Light to medium grey , feldspar phryic altered dacitic/rhyolitic volcanic ; silica alteration at first becoming less siliceous; down hole; feldspars are at first silica altered then sericite altered and or biotite/chlorite altered; felsic crystals become larger and more numerous as alteration changes; some brecciated areas due to secondary chlorite veining which could represent minor shearing; occasional white carbonate veins at 45 degrees to core axis; rare traces of fluorite ; basal contact suggests unit has been intruded by underlying lithology; chloritically altered base has clasts of underlying unit showing hyaloclastic texture embayed into upper unit. This appears to be a repeat of previous unit suggesting a displacement of about 130m on the fault; ie. easterly block has dropped.	sil	C	fels sil	Sparse disseminated very fine grained pyrite generally associated with chloritic alteration.				756.00	-70.00	139.00			
			biot	C	vol					762.00	-70.00	139.00			
			chl	C						768.00	-70.00	139.00			
			ser	C						780.00	-72.00	143.00			
										786.00	-71.50	143.50			
										792.00	-71.00	144.00			
										798.00	-71.00	145.00			
										807.00	-72.00	149.00			
										813.00	-72.00	150.00			
										819.00	-71.50	151.00			
										831.00	-71.00	155.00			
										837.00	-71.00	156.00			
										849.00	-71.00	162.50			
										855.00	-71.00	163.00			
										861.00	-71.00	164.00			
										867.00	-71.00	165.00			
										873.00	-70.00	165.50			
										879.00	-70.00	167.00			
										891.00	-70.00	170.00			
		632.1 to 893.0m Fine grained chlorite altered siliceous igneous intrusive; probably originally feldspar phryic but feldspars chloritised and then stretched to form a weak foliation; upper boundary is sharp with hyaloclastic material embaying into overlying unit ; weak foliation at 30 degrees to core due to alignment of chlorite alteration. Feldspars become more euhedral , larger and more abundant towards centre of interval; marginally more siliceous towards base of unit with ghost perlitic cracks evident; very sharp basal contact at 75 degrees.	chl	B	chl sil	Extremely rare, very fine grained isolated pyrite crystal.				906.00	-70.00	174.00			
			ser	C	ig int					930.00	-68.00	182.00			
										960.00	-67.00	188.00			
										990.00	-66.00	198.00			
										1020.00	-64.00	211.00			
										1053.00	-62.50	218.00			
										1113.00	-59.00	228.00			
										1147.00	-59.00	230.00			
										1188.00	-58.00	232.00			
										1218.00	-57.00	233.00			
										1257.00	-56.50	235.00			
										1296.00	-56.00	238.00			
										1326.00	-55.00	239.00			
										1362.00	-55.00	242.00			
										1392.00	-54.00	243.50			
		893.0 to 900.4 Dark green . medium grained feldspar phryic chlorite altered igneous rock; sharp upper and lower boundaries; medium grained	chl	A	fel vol	Abundant extremely fine grained disseminated pyrite throughout.				1436.00	-53.00	245.00			
					& chl alt					1494.00	-51.50	247.00			
										1540.00	-52.00	249.00			

