PASMINCO EXPLORATION
DIAMOND DRILL HOLE LOG

Hole ID
BPD86

DRILLING

Location	TASMANIA
Project	BURNS PEAK
Prospect	SOUTH KERSHAW
Design By	M S Saxon
Logged By	M S Saxon
Relogged	
Commenced	22/2/95
Completed	23/3/95
Drilled By	A.T.E.
Drill Rig	Gopher Mini Rig

OBJECTIVE

To test an IP anomaly SW of Chester Mine, along the Chester Shear Zone. The area is strongly cleaved and known to host minr mineralisation.

RESULT

Intersected a 15m thick zone of pyritic sericte-quartz augen schist near top of hole which adequately explained IP anomaly. No significant mineralisation was located.

COLLAR SURVEY (AMG)

AMG mN	5379517.6	Bearing	114.0
AMG mE	377754.6	Dip	-50.0
mN	318.1	Hole Length	129.2
mE		DH Survey Type	Eastman Camera
RL			

DOWNHOLE SURVEY (AMG)

Depth	Bearing	Dip
50	114	-53
98	114	-52.5
126	113	-48

SIGNIFICANT CORE LOSS

POOR GROUND CONDITION ZONES

HOLE SIZE

From	To	Size
0	129.2	BQ2

HOLE CONDITIONS AFTER COMPLETION

Collar	
Steel Casing	3m steel casing remained in hole.
PVC Casing	
Ground Water	
Wedge	
Drill Pad	

SIGNIFICANT INTERSECTIONS

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PROJECT:

Vertical Scale 1 : 200

DESCRIPTION					GRAPHIC			
FROM	TO	LITHOLOGY	ALTERATION	MINERALISATION	Depth	Lith	Struct	STRUCTURES
0.00	11.70	DACITE. Massive to moderately clvd feldspathic dacite lava; feld xls typically 1mm, 10% of unit; variable cream-green colour; weath. to 5.5m.. CONTACT: conformable abrupt	8.5-11.7m: Moderately sericitised and bleached; ple yell brn;	DISSEMINATED trace pyrite disseminated. 9.9-11.7m DISSEMINATED 1% pyrite disseminated. 11.7-11.8m: pyrite-chlorite spotting.	10			FIRST CLEAVAGE A35 strong schistose anastamosing FIRST CLEAVAGE A35 weak spaced
11.70	15.20	SCHIST, augen. Qtz-ser-pyrite augen schist; 5mm qtz eyes with anastomosing ser-pyrite selvages; no visible feldspar.	11.7-21.6m: Strongly quartz-sericite-pyrite altered and bleached, associated with schist development; pyrite-ser selvages about quartz eyes.	DISSEMINATED pyrite on selvedges. 11.8-20.4m: pyrite-sericite-silica assoc.: pyrite to 5% DISSEMINATED trace sphalerite disseminated trace galena disseminated. 12.3-12.4m				FIRST CLEAVAGE A32 strong schistose anastamosing VEIN carbonate quartz
15.20	21.20	ALTERATION ZONE AND SCHIST. Altered cream-green dacite, with minor preserved dacite txt; augen schist from 19.5-20.4m; strongest alt'n is ser-pyrite+-silica, wk alt'n is pyrite-chl; schist as above.		DISSEMINATED 2% pyrite disseminated. 20.4-21.2m: pyrite-chlorite spotting. VEIN. 20.5-20.8m: carb-py-mnr gal vein assoc. with ft pug.	20	a/z		FIRST CLEAVAGE A35 weak spaced FIRST CLEAVAGE A35 strong schistose anastamosing FAULT pug
21.20	129.20	DACITE. Massive to weakly clvd feldspar phyric dacite lava, grey to green in colour; feldspar xls 1-2mm size, commonly attenuated in clvg; feld xls fractured and corroded; core of feld xls silica replaced.		DISSEMINATED trace pyrite disseminated. 21.2-129.2: disseminated pyrite to EOH. DISSEMINATED trace magnetite disseminated. 22.0-59.2m: euhedral xls.				FIRST CLEAVAGE A35 weak spaced

5 cm

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Page of 1

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21.20	129.20	DACITE. Massive to weakly clvd feldspar phyric dacite lava, grey to green in colour; feldspar xls 1-2mm size, commonly attenuated in clvg; feld xls fractured and corroded; core of feld xls silica replaced.	44.8-45.6m: Moderately silicified, silica nodules developed.	DISSEMINATED trace magnetite disseminated. 22.0-59.2m: euhedral xls. VEIN pyrite on fractures. 31.2-31.2m VEIN pyrite on fractures. 32.2-32.2m	30 40 50			FIRST CLEAVAGE R3S weak spaced FIRST CLEAVAGE strong schistose anastamosing

5 cm

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21.20	129.20	DACITE. Massive to weakly clvd feldspar phyric dacite lava, grey to green in colour; feldspar xls 1-2mm size, commonly attenuated in clvg; feld xls fractured and corroded; core of feld xls silica replaced.	58.5-72.9m: Slightly sericite-silica altered and bleached: zone of patchy alteration: mixed sericite-bleached and sil-chlorite zones. 60.6-61.2m: Moderate silica-chlorite alteration associated with schist development. 76.0-86.8m: Weak silica-albite associated with frequent qtz-carb-chl veining; altn destroys magnetism.	DISSEMINATED trace magnetite disseminated. 22.0-59.2m: euhedral xls. DISSEMINATED 2% pyrite disseminated. 61.9-63.5m: in part on cleavage zones. DISSEMINATED trace magnetite disseminated. 72.9-76.9m	60 70 80			FIRST CLEAVAGE strong schistose anastamosing FIRST CLEAVAGE weak spaced FAULT pug

5 cm

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21.20	129.20	DACITE. Massive to weakly clvd feldspar phyric dacite lava, grey to green in colour; feldspar xls 1-2mm size, commonly attenuated in clvg; feld xls fractured and corroded; core of feld xls silica replaced.	76.0-86.8m: Weak silica-albite associated with frequent qtz-carb-chl veining; altn destroys magnetism.	DISSEMINATED trace magnetite disseminated. 86.8-93.0m	90			
			93.4-107.0m: Weak silica-albite associated with frequent qtz-carb-chl veining; altn destroys magnetism.		100			
				DISSEMINATED trace magnetite disseminated. 107-112m	110			

5 cm

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5 cm