

ABERFOYLE EXPLORATION DIAMOND DRILL LOG

PROJECT : HATFIELD EL 15/73 TASMANIA

PROSPECT : MT CHARLES

HOLE NO : MC-8

PAGE : 1 of 6

LOOOEO : AMH

DATE : 29.7.84

DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY		ALTERATION		VEINING		MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
			ROCK NAME	DESCRIPTION	TYPE	INTENSITY	TYPE	INTENSITY						
2	2.6	1.3	BLACK SHALE.	BLACK SHALE. No primary layering visible			1-3mm PYRITE (LIMONITE) VEINS	3	PYRITE (LIMONITE) IN VEINS AND AS JOINT CONTING.	STRONGLY JOINTED THROUGHOUT - PREDOMINANT DIRECTION 40°-60° TO C.A.	FRESH AT SURFACE		CORED FROM SURFACE.	2
4	2.0	0.9					"		"	"				4
6	1.3	0.1					"		"	"				6
8	1.1	0					"		"	"				8
10	1.5	0					"		"	"				10
12	1.6	0					"		"	"				12
14	1.5	0					"		"	"				14
16	1.6	0					"		"	"				16
18	1.5	0					"		"	"				18
20	1.2	0					"		"	"				20
22	1.6	0					"		"	"				22
24	1.4	0.1					"		"	"				24
24.8	1.2	0									24.8			24.8
26	1.7	0	ANDERITE LAVA BRECCIA.	PALE GREY GREEN FRIABLE PORPHYRITIC ANDERITE FRAGMENTS IN A PUSHY PYRITIC MATRIX. FRAGMENT OF DARKER GREEN ANDERITE ALSO OCCURS.	PERVASIVE SERICITE (PHIRITE)	4	1-5mm VEINETS AND PATCHES OF SILICA, SERICITE, SIDERITE, SPH	2	RARE CLOTS OF GRANULAR BROWN SPHALERITE IN ← VEINS. PERVASIVE ULTRAFINE PYRITE		STRONG		CORE NOT OXIDIZED, BUT SOFT AND PULVY, FRIABLE - 2.5meters?	26
28	1.7	0.1					"		"	"				28
30	1.5	0					"		"	"				30
32	1.6	0					"		"	"				32
34	3.0	0					"		"	"				34
36	1.4	0					"		"	"				36
38	1.6	0.1					"		"	"				38
40	1.4	0.5					"		"	"				40
42	1.6	0.1					"		"	"				42
	1.4	0.2					"		"	"				42

24.8 - 49.5m
 REF. 315713 35.8m, REP. 38.8 - 59.9m
 *PORPHYRITIC ANDERITE LAVA BRECCIA.
 STRONGLY SERICITISED, WEAKLY SILICIFIED, PYRITISED. MINOR LATE STAGE ALBITE VEINLETS.

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			ROCK NAME	DESCRIPTION	TYPE	INTENSITY	TYPE	INTENSITY									
44	1.6	0	ANDESITE LAVA BRECCIA		PERVASIVE SERICITE, PYRITE	4										44	
	1.4	0.3															46
46	1.6	0.1															48
48	1.4	0.3															50
50	1.6	0.5															52
52	1.4	0.1		49.5 NON-LEACHING EQUIVALENT OF 24.8-49.5. DARK GREEN PORPHYRITIC ANDESITE CLASTS IN A MATRIX OF BROWN/GREY TRANSLUCENT SILICA AND LATE VEINLETS OF PYRITE. PYRITE VEINLETS IN MATRIX ONLY. CLASTS ARE ROUNDED WITH DIFFUSE BOUNDARIES. TEXTURE INTERPRETED TO BE AN ORIGINAL LAVA BRECCIA TEXTURE. ENHANCED BY ALTERATION. ALL CUT BY IRREGULAR VEINLETS AND PATCHES OF SILICA, FELDSPAR, SIDERITE?	49.5	SERICITE ALTERATION OF CLASTS	3	1-5mm LATE PINK /	2	49.5	RARE PY, SPH, CW IN MATRIX					54	
54	1.4	0				BROWN SILICA AND PYRITE	4	CREAM ALBITE (RARE)				← IN VEINS					56
56	1.6	0				ALTERATION OF MATRIX		VEINLETS				2-5% PYRITE AS WISPY VEINLETS					58
58	1.4	0										AND DISSEMINATIONS BETWEEN					60
60	1.6	0										ANDESITE CLASTS.					62
62	1.4	0		58.7 59.7 LEANING ZONE AS FOR 24.8-49.5 AS FOR 49.5-58.8	58.7	PERVASIVE SERICITE / PYRITE	4									64	
64	3.0	0.1				SERICITE ALTERATION OF CLASTS	3										66
66	2.8	0				BROWN SILICA / PYRITE	4										68
68	3.0	0				ALTERATION OF MATRIX											70
70	2.0	0															72
72	2.0	0.1		80.8 GRADATIONAL CONTACT OVER 1.0m	80.8	PERVASIVE SERICITE	4									74	
74	1.4	0				PYRITE ALTERATION.											76
76	1.8	0				PYRITE DISSEMINATED											78
78	3.0	0				AND STRENGTHS											80
80	3.1	0															82
82	3.1	0	82.0		PERVASIVE SERICITE	4										84	
84					PYRITE ALTERATION.												

Pet 315714 54.0m; REP. 49.5-80.8
 PORPHYRITIC ANDESITE LAVA BRECCIA. STRONGLY SERICITISED. MATRIX SILICIFIED, PYRITISED. LATE STAGE ALBITE VEINLETS.

59.7 HQ NR

(72.1 - SPOTS OF CALCITE IN VEIN)

Pet. 315721 83.3m REP. 80.8-91.2
 STRONGLY SERICITISED AND PYRITISED PACIFIC LAVA. INCIPENTLY SHEARED. SIMILAR TO 315715.

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			ROCK NAME	DESCRIPTION	TYPE	INTENSITY	TYPE	INTENSITY							
170	3.1	0.1	DEVITRIFIED RHYOLITIC PITCHSTONE		169.0		1-10mm TIGHT TO VUGGY MILKY QUARTZ VEINS WITH (PINK FELDSPAR WHITE CARB GALENA SPHARRITE (BLACK + YELLOW) PYRITE TRICHLORITE IN APPROX. ORDER OF ABUNDANCE		RARE RAGGED PATCHES/VEINS OF PYRITE. RARE DISSEMINATED PYRITE. PY. NOTICEABLY ABSENT IN ZONES OF MOST INTENSE SERICITIZATION				PE. 31579, 169.4, REP. 169.0 - 173.7. DEVITRIFIED PITCHSTONE. THOROUGHLY SERICITIZED. SIMILAR TO 31578.	170	
172	3.1	0.1			173.7										172
174	2.2	0				176.4									174
176	3.0	0				179.1									176
178	1.0	0													178
180	0.7	0.2													180
182	0.9	0													182
184	1.4	0.2													184
186	1.1	0.3													186
188	1.0	0													188
190	1.9	0.1											190		
192	1.4	0.3											192		
194	0.6	0											194		
196	3.0	0											196		
198	3.0	0											198		
200	3.0	0.1											200		
202	2.7	0											202		
204	3.1	0.1											204		
206	0.4	0											206		
208	2.3	0											208		
210	2.1	0.1											210		
212	2.2	0											212		
214	0.3	0.2											214		
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400													400		

176.6
VERY BROKEN THROUGH
SERICITIZED ZONE

179.0

181.2
181.9
CAVITY, BRUSH CORE
IN SERICITIZED VEIN

207.5 F, 100mm, ROUNDED
RUBBLE

209.5
VERY BROKEN THROUGH
SERICITIZED ZONE

