Ref No 2274

DRILLING TARGET:— FOOKS LODE, WARATAH

REMARKS:— Target not intersected

40 101

SURVEY DATA			ASSAY DATA						ASSAY RESULTS					
DEPTH feet	Bearing mag.	Inclin. degs.	SAMPLE No.	FROM ft. ins.	TO ft. ins.	RECOVERY ft. ins.	%							

GEOLOGICAL LOG

Logged by:— A.J. Noldart & G. Green

FROM ft. ins.	TO ft. ins.	RECOVERY ft. ins.	%	DESCRIPTION	SECTION Core	SECTION Sample
0 0	4 8	Nil		No core		
4 8	15 6	1 6		Weathered basalt		
15 6	16 9	1 0		Coarsely vesicular basalt		
16 9	19 0	2 3		Massive basalt		
19 0	20 9	1 6		Oxidised semi-consolidated sandy sediments		
10 9	25 6	4 6		Weathered basalt		
25 6	27 9	2 3		Coarsely vesicular basalt		
27 9	38 10	10 3		Basalt - leashed first 3' 9"		
38 10	41 10	1 6		Scoriaceous basalt with mud pellets.		
41 10	48 4	6 6		Coarsely vesicular basalt		
48 4	58 0	9 9		Basalt		
58 0	66 0	8 0		Leached coarsely vesicular basalt		
66 0	70 2	4 0		Partly leached basalt with occasional large vesicles		
70 2	70 8	0 6		Coarsely vesicular basalt		
70 8	79 6	8 10		Basalt - part leached first 6"		
79 6	88 6	9 0		Partly leached vesicular basalt - carbonaceous sediments alongcore - sedimentary dyke?		

Continued over:—

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No.:—	MAP SHEET No.	DISTRICT	LOCATION OF SITE:—
FL 6	36	WARATAH	FOOKS LODE

Distant 865' (horizontally) bearing 173°(mag.) from Fooks Upper Adit Portal

Core held M10

R.L. OF SITE:— 1893	SITE SURVEY ON MAP No.:— 2455	CORE SIZE:— BX	
BEARING OF HOLE:— Vert.	AIR PHOTO No.:—	COMMENCED:— 29/3/71	
INCLINATION OF HOLE:— AMG General —	DRILL:— Joy Süllivan H.D.30	COMPLETED:— 8/6/71	
CO-ORDS. OF SITE:— 377260E 5411480N	DRILLER:— G. Baker	FINAL DEPTH:— 748'	

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86673 M6375

GEOLOGICAL LOG 40 102 Page:—

FROM ft.	FROM ins.	TO ft.	TO ins.	RECOVERY ft.	RECOVERY ins.	RECOVERY %	DESCRIPTION	SECTION Core	SECTION Sample
88	6	94	9	5	6		Basalt - leached last 2' 6"		
94	0	94	6	0	6		Baked sediments		
94	6	126	9	12	3		Strongly jointed, leached broken white-cream mudstone and sandstone		
126	9	149	8	10	0		Cream and grey brecciated mudstone and siltstone - partly leached.		
149	8	160	0	2	8		Cream sandstone/greywacke - partly leached		
160	0	183	6	8	6		White soft siltstone with finely disseminated pyrite.		
183	6	190	5	4	4		Grey conglomerate.		
190	5	278	6	82	2		Pale creamy gray massive dolomite becoming pinkish in places.		
278	6	286	0	7	6		Brecciated mixed dolomite and black quartzite		
286	0	288	0	2	0		Brecciated dark grey calcareous sandstone-carbonate veinlets - pyrite in bedding planes.		
28[illegible]		406	6	118	6		Brecciated dolomite/calcareous sandstone with quartzite - quartzite becoming more prevalent in breccia - matrix calcareous. Considerable rounding of some pebbles.		
406	6	416	6	10	0		Ferrugenous ditto.		
416	6	482	4	62	3		Breccia/agglomerate? most fragments rounded dolomite predominant in pebbles - some fine carbonate runing 461' - 471'.		
482	4	581	7	95	0		Development of leach pitting (exsolution cavities after siderite?) around pebbles and along joints - fragments mainly mudstone sand stone and quartzite - 536'6" - 537'9" carbonate veinlet with galena chalcopyrite and pyrite - minor galena in fault along core 555'6" - 557'6" - sphalerite veinlets up to $\frac{1}{4}$" at 574' 579'6".		
581	7	614	1	30	99		Strongly leached and development of large insolution cavities - oxidised silicate remnants in many cavities.		

Continued over

ASSAY DATA

SAMPLE No.	FROM ft.	FROM ins.	TO ft.	TO ins.	RECOVERY ft.	RECOVERY ins.	RECOVERY %	ASSAY RESULTS

GEOLOGICAL LOG 40 103 Page:— 3.

FROM ft.	FROM ins.	TO ft.	TO ins.	RECOVERY ft.	RECOVERY ins.	RECOVERY %	DESCRIPTION	SECTION Core	SECTION Sample
614	1	657	6	42	3		Mainly quartzite/sandstone and mudstone fragments - appears agglomeratic rather than brecciated - generally bery soft and broken leached and weathered below 637'.		
657	6	667	6	Nil			No core		
667	6	695	6	20	8		Mudstone/quartzite agglomerate? numerous siderite blebs and veinlets after 685' - 1" pyrite at 690'.		
695	6	695	9	0	2		Fine grained white (leached?) sandstone		
695	9	710	6	12	1		Dolerite - strongly leached to 697' becoming fresher but leached after 708'.		
710	6	712	0	1	0		Broken siltstone		
712	0	718	9	4	3		Leached and broken agglomeratic material - mainly quartzite fragments - matrix becoming cherty.		
718		748	0	26	6		Chert		
							END OF HOLE.		

Continued over

ASSAY DATA

SAMPLE No.	FROM ft.	FROM ins.	TO ft.	TO ins.	RECOVERY ft.	RECOVERY ins.	RECOVERY %	ASSAY RESULTS