Reg No 2276

DRILLING TARGET:— FOOKS LODE WARATAH

REMARKS:— Target not intersected. 40 109

SURVEY DATA

DEPTH feet	Bearing mag.	Inclin. degs.

ASSAY DATA

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

GEOLOGICAL LOG

Logged by:— C. GREEN

FROM ft. ins.	TO ft. ins.	RECOVERY ft. ins.	RECOVERY %	DESCRIPTION	SECTION Core	SECTION Sample
				0-23'0" Clayey weathered non-scoriaceous basalt.		
				23'0"-29'9" Massive non-vesicular basalt, with fine olivine and pyroxene phenocrysts in dark grey groundmass. Occasional amygdales filled with zeolites and ?chalcedony some 4 mm in diameter.		
				29'9"-35'3" Scoriaceous basalt.		
				35'3"-37'3" Non vesicular basalt		
				37'3" -43'0 Scoriaceous "		
				43'0 -49'0 Basalt with scattered vesicles		
				49'0 -57'6" Scoriaceous basalt		
				57'6"-70' Massive basalt becoming coarser grained with laths of feldspar up to 2 mm long. Scoriaceous zone 64'0"-66'2".		
				70' -151'3" Clayey sediments		

Continued over:—

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No.:— ~~DD~~ PL8 MAP SHEET No. 36 DISTRICT WARATAH-FOOKS LODE LOCATION OF SITE:—

Distant ~~740~~ 703' (horizontally) bearing 164°(MAG.) from FOOKS Upper Adit

Core held M12

R.L. OF SITE:— 1895'	SITE SURVEY ON MAP No.:— 2455	CORE SIZE:— B.Q.W.L.
BEARING OF HOLE:— Vert	AIR PHOTO No.:—	COMMENCED:— 24-1-72
INCLINATION OF HOLE:— — AMG General	DRILL:— Joy Sullivan HTD 20	COMPLETED:— 21-3-72
CO-ORDS. OF SITE:— 377200E 5411400N	DRILLER:— R. BAKER	FINAL DEPTH:— 520

Index Page:—

DRILLING TARGET:—

REMARKS:— 40 110

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

GEOLOGICAL LOG Logged by:—

FROM ft.	ins.	TO ft.	ins.	RECOVERY ft.	ins.	%	DESCRIPTION	SECTION Core	Sample
7[illegible]	5	81	2	6	0	68			
81	2	86	5	5	2	99	151'3"-157'3" Gravel with clay matrix - contains		
86	5	91	8	4	5	96	angular pebbles up to 1 cm in diameter		
91	8	96	8	3	2	67	of basalt, sandstone and siltstone		
96	8	98	5	1	9	100			
98	5	103	5	0	5	8			
103	5	108	8	1	0	20	157'3"-169'0" Clayey sediment.		
108	8	113	8	0	9	15	169' -197'6" Quickstone breccia - occasionally with		
113	8	118	8	1	11	38	dolomite fragments. At 180'7"-183'		
118	8	123	5	1	9	37	pink dolomite horizon with carbonate		
123	5	126	6	2	5	80	veinlets. Not clayey after 179'. Banded		
126	6	131	6	0		0	grey siltstone and shale 193'6"-196'0".		
131	6	134	6		11	31			
134	6	137	9	1	10	56			
137	9	142	0	2	0	48			
142	0	147	3	2	3	54			
147	3	152	3	1	1	23			
152	3	157	3	1	1	23			
157	3	160	10		8½	20			
160	10	165	11		8	77			
165	11	170	0	2	4	56			

Continued over:—

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No.:— FL8	MAP SHEET No. DISTRICT	LOCATION OF SITE:—
R.L. OF SITE:—	SITE SURVEY ON MAP No.:—	CORE SIZE:—
BEARING OF HOLE:—	AIR PHOTO No.:—	COMMENCED:—
INCLINATION OF HOLE:—	DRILL:—	COMPLETED:—
CO-ORDS. OF SITE:—	DRILLER:—	FINAL DEPTH:—

86673 M6375

DRILLING TARGET:—

REMARKS:— 40 111

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

GEOLOGICAL LOG Logged by:—

FROM ft. ins.	TO ft. ins.	RECOVERY ft. ins.	%	DESCRIPTION	SECTION Core	SECTION Sample
17[illegible] 0	177 0	2 5	33	197'3"-201'6" Creamy fawn fine-grained partly		
177 0	179 4	0 7	25	weathered clayey dolomite		
	180 7	0 5	33	201'6"-202'3" Breccia with shale and siltstone		
	187 3	1 10	28	fragments.		
	192 6	2½	4			
	194 6	1 3	62	202'3"-213' Creamy fawn dolomite with carbonate		
	197 3	2 0	72	veins		
	197 6	0 3	100	Conglomeratic in places		
	201 3	3 4½	82			
	203 6	2 3	100	213'229' Conglomerate with angular, equant, clasts		
	215 9	8 3	100	of pink dolomite, cream dolomite in clayey		
	220 9	1 6	30	matrix with some secondary carbonate and		
	224 6	2 9	70	sparse fine pyrite on joint faces.		
	228 9	1 11	46	Average clast diameter ½ cm. All this		
	232 0	2 3	78	section is soft and partly weathered.		
	236 3	4 3	100			
	240 9	4 3	95			
				229'-235' Brecciated dolomite with fragmented		
				creamy dolomite in dark carbonate matrix.		
				occasional angular dolomite clasts.		

Continued over:—

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No.:— F18	MAP SHEET No.	DISTRICT	LOCATION OF SITE:—

R.L. OF SITE:—	SITE SURVEY ON MAP No.:—	CORE SIZE:—
BEARING OF HOLE:—	AIR PHOTO No.:—	COMMENCED:—
INCLINATION OF HOLE:—	DRILL:—	COMPLETED:—
CO-ORDS. OF SITE:—	DRILLER:—	FINAL DEPTH:—

86673 M6375

DRILLING TARGET:— 40 112

REMARKS:—

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

GEOLOGICAL LOG Logged by:—

FROM ft.	ins.	TO ft.	ins.	RECOVERY ft.	ins.	%	DESCRIPTION	SECTION Core	Sample
24[illegible]	9	243	9	2	11	97	235' - 238'10"		
		248	5	4	8	100	Coarse dolomitic conglomerate with dominant		
		257	8	7	10	88	dolomite and miner shale clasts in sandy		
		258	2	0	3	50	dolomitic matrix.		
		260	0	1	10	100	Some carbonate veins and weathered pyrite		
		261	0	0	7	60	in joints, particularly at 136'3"		
		262	0	0	6	50	238'10" - 241'3" - grey sandy dolomite		
		265	0	1	4	44	with cream silt grade dolomite 239'6" - 240'2"		
		280	0	15	0	100	241'3" - 287'6" - Cream silty dolomite		
		288	3	8	3	100	with abundant pyrite; carrying pyrite		
288	3	293	5	5	2	100	throughout especially around 241', 243'3"		
		303	5	8	5	85			
		306	5	2	5	83			
		313	0	2	5	37	Locally conglomeratic at 246'2" - 248'		
		315	3		3½	14	241' 6" - 242' 9", 282'		
		319	0	3	0	80	Core broken at 257' 8" - 258'; 260' - 265'		
		320	3	1	3	100	279' 6", 286' - 287' leached and broken		
		322	2	0	11	100	287' 9" - 319' 4"		
		327	1	3	3	65	287'6" - 376'6" Conglomerate with angular		
		332	16	1	0	13	to subangular clasts of laminated grey		

Continued over:—

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No.:— FL8	MAP SHEET No.	DISTRICT	LOCATION OF SITE:—

R.L. OF SITE:—	SITE SURVEY ON MAP No.:—	CORE SIZE:—
BEARING OF HOLE:—	AIR PHOTO No.:—	COMMENCED:—
INCLINATION OF HOLE:—	DRILL:—	COMPLETED:—
CO-ORDS. OF SITE:—	DRILLER:—	FINAL DEPTH:—

Index Page:— 4

EG673 M6375

DRILLING TARGET:—

REMARKS:— 40 113

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:—

FROM ft. ins.	TO ft. ins.	RECOVERY ft.	ins.	%	DESCRIPTION	SECTION Core	Sample
337 10	338 7	0	6	8	siltstone/shale, black shale and dolomite		
	342 7	4	0	100	in silty cream carbonate matrix		
	348 3	4	9	86			
	350 3	1	9	88	316'10" - 317'8" Cream fine grained		
	354 0	3	9	100	dolomite with sharp planar contact at		
	360 5	6	5	100	317' 8" and irregular scoured contact at		
	365 6	4	0	80	316' 10", probably indicated sequence		
	372 5	6	3	90	up hole, as dolomite clasts		
	376 7	4	2	100	more abundant in breccia near 316'10"		
	378 9	2	2	100			
	382 7	3	6	92			
	387 11	5	4	100	One banded sandstone/shale fragment at		
	392 7	4	8	100	316'10" contains pyrite grains confined		
	398 0	5	5	100	to sandstone. Some pyrite syngenetic?		
	402 5	4	5	100			
	410 11	8	1	93			
	413 4	2	5	100	Core broken 296' - 297'; 303'6" - 304' 3";		
					around 310' and 313' - 315'3".		
					353'3" - 354'6" Fine grained silty dolomite		
					365'6" - 366'10" Silty dolomite minor breccia		
					bands		

Continued over:—

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No.:— FL6	MAP SHEET No.	DISTRICT	LOCATION OF SITE:—
R.L. OF SITE:—	SITE SURVEY ON MAP No.:—		CORE SIZE:—
BEARING OF HOLE:—	AIR PHOTO No.:—		COMMENCED:—
INCLINATION OF HOLE:—	DRILL:—		COMPLETED:—
CO-ORDS. OF SITE:—	DRILLER:—		FINAL DEPTH:—

Index Page:— 5

86673 M6375

DRILLING TARGET:—

REMARKS:— 40 114

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

GEOLOGICAL LOG Logged by:—

FROM ft. ins.	TO ft. ins.	RECOVERY ft. ins.	%	DESCRIPTION	SECTION Core	SECTION Sample
				Pyrite in sandstone part of banded sandstole shale fragment at 374'8"		
				376'6" - 392' Finely laminated grey sandstone and black shale sequence. Fractured and brecciated in places with probable sedimentary folds, some carbonate veins with pyrite. One bleb of chalcopyrite at 390'9". Abundant pyrite with quartz in joint from 386'4" - 386' 7"		
				392' - 397' 9" Rock becoming cherty. Pale grey massive cherty siltstone with subordinate laminated material		
				397'9 - 404'6" Irregular contact at 397'9" into massive maroon cherty argillite.		

Continued over:—

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No.:— FL6	MAP SHEET No.	DISTRICT	LOCATION OF SITE:—

R.L. OF SITE:—	SITE SURVEY ON MAP No.:—	CORE SIZE:—
BEARING OF HOLE:—	AIR PHOTO No.:—	COMMENCED:—
INCLINATION OF HOLE:—	DRILL:—	COMPLETED:—
CO-ORDS. OF SITE:—	DRILLER:—	FINAL DEPTH:—

86573 M6375

DRILLING TARGET:—

REMARKS:— 40 115

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

GEOLOGICAL LOG Logged by:—

FROM ft. ins.	TO ft. ins.	RECOVERY ft. ins.	%	DESCRIPTION	SECTION Core	SECTION Sample
41[illegible]4	419 9	6 5	100	404'6"-413'4"		
	422 10	3 1	100	Dominantly pale to pinkish grey cherty		
	430 2	7 1	95	argillite with minor maroon bands.		
	440 5	10 3	100	Carbonate in veins throughout.		
	450 8	10 3	100	Carries pyrite at 410'.		
				413'4"-420'6"		
456 6		5 10	100	Maroon cherty argillite. Looks like		
	463 2	6 8	100	Cambrian Crimson Creek Formation.		
				Last 1'6" pale yellow-brown colour.		
				420'6"-425'6"		
				Breccia with angular clasts of pink dolomite,		
				banded siltstone and shale, and quartzite in		
				muddy matrix. Carbonate veined throughout.		
				425'6"-460'3"		
				Interbedded pink dolomite and green dolomitic		
				mudstone. After 450'8" mudstone predominates.		

Continued over:—

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No.:— F18	MAP SHEET No.	DISTRICT	LOCATION OF SITE:—

R.L. OF SITE:—	SITE SURVEY ON MAP No.:—	CORE SIZE:—
BEARING OF HOLE:—	AIR PHOTO No.:—	COMMENCED:—
INCLINATION OF HOLE:—	DRILL:—	COMPLETED:—
CO-ORDS. OF SITE:—	DRILLER:—	FINAL DEPTH:—

E6673 M6375

DRILLING TARGET:—

REMARKS:— 40 116

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

GEOLOGICAL LOG Logged by:—

FROM ft.	FROM ins.	TO ft.	TO ins.	RECOVERY ft.	RECOVERY ins.	RECOVERY %	DESCRIPTION	SECTION Core	SECTION Sample
46[illegible]	2	464	2	1	0	100	Trace of chalcopyrite at 433'3"		
		474	5	10	3	100			
		484	5	10	0	100	Sphalerite (1/10" veins) associated with		
		494	8	10	3	100	carbonate vein at 440', 447'5", 449', 449'2"		
		505	0	10	4	100			
		515	4	10	4	100			
		519	11	4	7	100	460'3"-510'		
							Breccia as at 420'6"-425'6"		
							Solution cavities in places, particularly		
							467'-481'6", and 496'6"-497'.		
							Some zones rich in pink dolomite.		
							Sphalerite in carbonate vein at 488'3"		
							Pyrite in carbonate vein at 499'9"		
							510'-512' Banded grey siltstone and shale.		
							512-519'11" Pink dolomitic breccia.		
							END OF HOLE AT 519'11"		
							Continued over:—		

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No.:— FL8	MAP SHEET No.	DISTRICT	LOCATION OF SITE:—

R.L. OF SITE:—	SITE SURVEY ON MAP No.:—	CORE SIZE:—
BEARING OF HOLE:—	AIR PHOTO No.:—	COMMENCED:—
INCLINATION OF HOLE:—	DRILL:—	COMPLETED:—
CO-ORDS. OF SITE:—	DRILLER:—	FINAL DEPTH:—

Index Page:— 8

E6673 M6375