

DRILLING TARGET:- Silt-Basement interface; bedrock stratigraphy.											
REMARKS:- Interface at 27.71m; Triassic Sediments											
SURVEY DATA						ASSAY DATA					
DEPTH metres	Bearing mag.	Inclin. degs	SAMPLE No.	FROM metres	TO metres	RECOVERY		ASSAY RESULTS			
						metres	%				

GEOLOGICAL LOG

Logged by:- W.C. Cromer

FROM metres	TO metres	RECOVERY		DESCRIPTION	SECTION	
		metres	%		Core	Sample
0	27.71			Water, river sediments.		
27.71	28.02			No recovery.		
28.02	28.12	100		Unconsolidated small (<5cms) rounded fragments of weathered- fresh Jurassic dolerite and ironstained red-brown Triassic quartz sandstone.		
28.12	28.32	100		Buff-brown micaceous fine grained lithic quartz sandstone grading to friable brown-buff lithic mudstone.		
28.32	28.77			No recovery		
28.77	30.25	100		Irregularly fractured green-brown and pale yellow mudstone; in places partings parallel to bedding; fractures occasionally steeply inclined; grading to purple green friable and fissile mudstone.		
30.25	30.55			No recovery		
30.55	30.86	100		Soft grey-black carbonaceous and fossiliferous mudstone; horizontal partings common		
30.86	31.23			No recovery		
31.23	31.58	100		Friable and fractured pale grey sandy mudstone		
31.58	32.53	100		Pale grey-blue, in places slightly muddy,		

Continued over:-

DEPARTMENT OF MINES—TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No.:- D5	MAP SHEET No. 82	DISTRICT HOBART	LOCATION OF SITE:- No Core held
Proposed second Derwent Crossing Dowsings Point; PWD grid coordinates 257661mN; 325000mE			
R.L. OF SITE:- 0.0m	SITE SURVEY ON MAP No.:	CORE SIZE:- NMLC	
BEARING OF HOLE:- -	AIR PHOTO No.:-	COMMENCED:- 24/5/76	
INCLINATION OF HOLE:- Vertical	DRILL:- Mayhew 1000	COMPLETED:- 28/5/76	
CO-ORDS OF SITE:- as above PNG 520081 E 5259273 N	DRILLER:- G. Hasell	FINAL DEPTH (m):- 43.41m	

DRILLING TARGET:--														
REMARKS:--														
SURVEY DATA			ASSAY DATA											
DEPTH metres	Bearing mag.	Inclin. degs	SAMPLE No.	FROM metres	TO metres	RECOVERY		ASSAY RESULTS						
						metres	%							

GEOLOGICAL LOG

Logged by:--

FROM metres	TO metres	RECOVERY		DESCRIPTION	SECTION	
		metres	%		Core	Sample
32.53	32.93		100	medium-grained quartz sandstone probably generally massive in <u>situ</u> but fractured by drilling. Indurated clean sandstone between 32.33-32.53m.		
32.93	34.80		100	Dark grey-black fissile and fretting carbonaceous mudstone; irregularly fractured. Hard, indurated pale-dark grey mudstone. Irregularly fractured, fissile in places and sub-horizontal partings common; sulphide and guff clay occurs on joint planes, and small sulphide blebs are disseminated through rock.		
34.80	35.12		100	Grey-blue medium coarse grained, massive feldspathic sandstone, grading to generally massive, in places cross bedded medium-coarse grained grey white quartz sandstone, containing occasional clayey or fissile carbonaceous partings, carbonaceous lenses (35.82 -36.30m), grey-blue clay pellets and <u>inclined</u> laminae and streaks of darker minerals. Sub-horizontal partings approx. 10/m.		
35.12	43.41		100			
43.41	43.85			Fissile finely laminated carbonaceous mudstone alternating with carbonaceous sandy mudstone. (Partings 10/m).		

Continued over:--

DEPARTMENT OF MINES—TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No.:-- D5	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 (m):--	