

DRILLING TARGET:-- Silt-basement interface; bedrock stratigraphy.																					
REMARKS:-- Interface at 11.73m below datum; 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	11.73			Water river sediments		
11.73	12.91		100	Relatively hard yellow-brown mudstone containing rare patches of soft grey-blue clay. Defects about 20/m. Fe and Mn oxide staining on joint surfaces.		
12.91	13.61		100	Dark red-brown, in places fissile, mudstone Friable yellow-brown mudstone; soft grey-blue clay lining fracture surfaces.		
13.61	15.65		80			
15.65	18.52		98	Partly weathered and friable slightly clayey and micaceous pale blue-grey medium grained feldspathic sandstone, containing brown-yellow sandy clay horizons in interval 18.00-18.52.		
18.52	20.90		100	Very soft, friable and in places fretting, dark grey mudstone.		
20.90	23.08		100	Hard slightly micaceous medium-grained quartz sandstone (defects 10/m); contains small amounts of dark minerals; small scale cross bedding (?) present.		
23.08	27.66		97	As above, but sandstone becomes increasingly carbonaceous with depth; carbonaceous material and dark minerals occur as partings, streaks and inclined laminae probably representing cross-bedding. Interval		

Continued over:--

DEPARTMENT OF MINES—TASMANIA
DIAMOND DRILL CORE RECORD

HOLE No.:-- D4	MAP SHEET No. 82	DISTRICT HOBART	LOCATION OF SITE:-- No Core held
Proposed Second Derwent Crossing Dowsings Point; PWD grid coordinates 257780mN, 325160mE			
R.L. OF SITE:-- 0.0m	SITE SURVEY ON MAP No.:	CORE SIZE:-- NMLC	
BEARING OF HOLE:--	AIR PHOTO No.:--	COMMENCED:-- 3/6/76	
INCLINATION OF HOLE:-- Vertical	DRILL:-- Mayhew 1000	COMPLETED:-- 8/6/76	
CO-ORDS OF SITE:-- AM6525151 E	DRILLER:-- G. Hasell	FINAL DEPTH (m):-- 30.33m	
5 259392 N			

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
				26.02 - 27.66m contains interbedded horizons of grey slightly micaceous, crossbedded quartz sandstone and fissile soft and friable grey mudstone.		
27.66	28.50		100	Finely laminated dark grey carbonaceous mudstone (carbonaceous quartz sandstone horizon between 28.20 - 28.30m).		
28.50	30.33			Predominantly pale grey carbonaceous slightly micaceous and generally massive quartz sandstone interbedded with thin grey mudstone horizons.		

Continued over:--

DEPARTMENT OF MINES—TASMANIA

DIAMOND DRILL CORE RECORD

HOLE No.:-- D4	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):--	