

REF No 19178

DEPARTMENT OF MAIN ROADS (TAS.)  
MATERIALS AND RESEARCH DIVISION

M & R F8

borehole no:

88-39

sheet 1 of 2

engineering log —  
cored borehole

File No. 02-000

drilling information				rock substance		rock mass defects			
method	case-lift	water	depth	substance description	weathering	strength	defect description		
AS	AD	R	W	rock type: grain characteristics, colour, structure, minor components.	Fr	IS (50)	thickness, type, inclination, planarity, roughness, coating, particular		
<p>drill model and mounting: LONGYER 38 slope: 58° deg. barrel type and length: NMTT 2.45 fluid H<sub>2</sub>O bearing: 248 deg.</p>				<p>hole commenced: 30-8-88 hole completed: 31-8-88 supervised by: N JOHNSON log checked by: JGG</p>		<p>R. L. surface: 10-615 m datum: Driller G BAKER</p>			
<p>project: CURRIE QUARRY SITE borehole location: 83.7° NE of S2 and 19.8° SE of Existing Boundary</p>				<p>substance description: GRANITE; Coarse grained grey</p>		<p>defect description: 45° independent 45° numerous 45° between 20m and 80m apart 25° iron stained 27° independent 45° pair at 2m apart 45° independent 60° 45° independent to very irregular sub-arcual 45° independent 22° and 60° with abundant carb. 47° independent 30° and 60° with abundant carb. 23° at 5m apart 23° independent 40° and 45° 45° iron stained 45° independent 20° 40° with abundant carb. 45° numerous 25° x 40° 45° at 10m apart 45° numerous 35° between 10m and 100m apart 30° of 35° at 75m apart 40° 45° independent 6° 45° at 25m apart 45° broken core 45° at 40m apart 45° independent 45° and 30° and 35° numerous 35° between 20m and 80m apart 35° independent 35° with thick carb. coat 45° limited broken core</p>			
<p>key method AS AD R W NMLC suger screwing suger drilling roller/tricone washbore NMLC core drilling</p>				<p>case-lift casing used barrel withdrawn water 10 Oct, 73 water level date shown water inflow partial drilling water loss complete drilling water loss</p>		<p>weathering Fr - fresh SW - slightly weathered MW - moderately weathered HW - highly weathered EW - extremely weathered</p>		<p>strength &amp; test points (indirect tensile strength) EL - extremely low VL - very low L - low M - medium H - high VH - very high EH - extremely high</p>	

43 085

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<p>project: CURRIE QUARRY SITE borehole location: 83.7° NE of S2 and 19.8° SE of Existing Boundary</p>				<p>substance description: GRANITE; medium grained grey,</p>		<p>defect description: 45° independent sub-arcual 45° independent 30° 45° independent 40° broken core 45° at 25m apart 45° independent 45° 45° independent 45° 40° independent 45° 40° independent 45° 45° at 5m apart 45° numerous 25° x 40° 45° at 10m apart 45° numerous 35° between 10m and 100m apart 30° of 35° at 75m apart 40° 45° independent 6° 45° at 25m apart 45° broken core 45° at 40m apart 45° independent 45° and 30° and 35° numerous 35° between 20m and 80m apart 35° independent 35° with thick carb. coat 45° limited broken core</p>			
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