

General Grid Reference  
YA 30574Z  
NETHERBY POINT

Ri:F No 19177

M & R F 8

borehole no:

98-38

sheet 1 of 2

engineering log -  
cored borehole

File No. 02-000

CURRIE BREAKWATER INVESTIGATION		hole commenced: 30-8-88	hole completed: 30-8-88		
project: CURRIE QUARRY SITE (Cullens)		supervised by: N JOHNSON	log checked by: JGG		
borehole location: 85° N.E. of Sta 2 and 198° S.E. of existing boundary fence		R. L. surface: 10-615 m	datum: Driller G BARCEL		
drill model and mounting: Longyear 38 slope: Very deg.		barrel type and length: NGTT 2.45" fluid H <sub>2</sub> O bearing: deg.			
drilling information		rock substance		rock mass defects	
method	depth (m)	substance description	strength (50)	defect spacing (mm)	defect description
AS AD R W NMLC	depth (m)	rock type: grain characteristics, colour, structure, minor components.	strength (50)	thickness, type, inclination, planarity, roughness, coating, particular	defect description: thickness, type, inclination, planarity, roughness, coating, particular, general
NGTT 2.45" Barrel	0.00	VARIABLE GRAINED GRANITE; coarse grained grey.	SV	25" pair 5mm apart 3 independent 15" 25" 30" pair 25mm apart 10" pair 20mm apart 10" 10" 10" 10" 27" 100" independent to 15" 15" near of 15" 15" 15" thick carb. coat 15" thick carb. coat 18" 102" near of 25" 25" pair 10mm apart 20" 20"	numerous irregular sub-spherical voids often dark stained same iron staining and greener for through with some coating most joints planar
key		case-lift		weathering	
method		casing used		Fr - fresh	
AS auger screwing		casing used		SW - slightly weathered	
AD auger drilling		-H barrel withdrawn		MW - moderately weathered	
R roller/tricone		water		HW - highly weathered	
W washbore		10 Oct, 73 water level date shown		EW - extremely weathered	
NMLC NMLC core drilling		water inflow			
		partial drilling water loss			
		complete drilling water loss			
graphic log/core loss		strength (indirect)		* test points	
core recovered (hatching indicates material)		EL - extremely low		EL - extremely low	
no core recovered		VL - very low		VL - very low	
		L - low		L - low	
		M - medium		M - medium	
		H - high		H - high	
		VH - very high		VH - very high	
		EH - extremely high		EH - extremely high	

M. JOHNSON

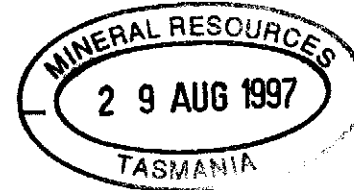
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NGTT 2.45" Barrel	0.00	Granite; medium grained grey	Fr	22" with remnant slickensiding visible 27" independent 7" 27" 27" 15" independent 10" 25" very irregular with thick carb. coat 25" very irregular	some with considerable amount of planar roughness
	10.00	END of BH 98-38 at 10.00m			
key		case-lift		weathering	
method		casing used		Fr - fresh	
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		L - low		L - low	
		M - medium		M - medium	
		H - high		H - high	
		VH - very high		VH - very high	
		EH - extremely high		EH - extremely high	

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