

borehole no:
88-47
sheet 1 of 2

engineering log —
cored borehole

File No. 02-000

<p>CURRIE BREAKWATER INVESTIGATION</p> <p>project: CURRIE QUARRY SITE</p> <p>borehole location: 111° Lon Sin 2 and 23° No Lon Sin 3</p>				<p>hole commenced: 7-9-88</p> <p>hole completed: 7-9-88</p> <p>supervised by: N JOHNSON</p> <p>log checked by: JGG</p>			
<p>drill model and mounting: LONGVARE</p> <p>barrel type and length: NQD7 2.45 fluid</p>		<p>slope: 61° deg.</p> <p>bearing: 48° deg.</p>		<p>R. L. surface: 8.700 m</p> <p>datum: Driller G BAKER</p>			
drilling information		rock substance		rock mass defects			
method	case-lift	depth (m)	substance description	strength (50)	defect description		
AS AD R W NMLC	casing used barrel withdrawn		GRANITE; medium grained 3-4		<p>48°</p> <p>15° independent 21°</p> <p>70°</p> <p>sub-mech. v. irregular</p> <p>40°</p> <p>40°</p> <p>40°</p> <p>40° at 5m spacing</p> <p>40°</p> <p>31° independent 40° and 25°</p> <p>40° independent 21°</p> <p>40°</p> <p>40° at 5m apart</p> <p>40° at 3m apart</p> <p>40°</p> <p>40°</p> <p>40° v. irregular independent 40°</p> <p>15° independent 40°</p> <p>40° independent 40° and 15°</p> <p>40° 10m apart</p> <p>40°</p> <p>broken core</p> <p>35°</p> <p>35°</p> <p>35°</p> <p>25° independent 40°</p> <p>40°</p> <p>40° independent 35°</p> <p>45°</p> <p>32°</p>		
<p>key</p> <p>method</p> <p>AS auger screwing</p> <p>AD auger drilling</p> <p>R roller/tricone</p> <p>W washbore</p> <p>NMLC NMLC core drilling</p>		<p>case-lift</p> <p> casing used</p> <p> barrel withdrawn</p> <p>water</p> <p>10 Oct, 73 water level date shown</p> <p>water inflow</p> <p>partial drilling water loss</p> <p>complete drilling water loss</p>		<p>strength</p> <p>EL - extremely low</p> <p>VL - very low</p> <p>L - low</p> <p>M - medium</p> <p>H - high</p> <p>VH - very high</p> <p>EH - extremely high</p>			

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<p>drill model and mounting: LONGVARE 38</p> <p>barrel type and length: NQD7 2.45 fluid H₂O</p>		<p>slope: 61° deg.</p> <p>bearing: 48° deg.</p>		<p>R. L. surface: 8.700 m</p> <p>datum: Driller G BAKER</p>			
drilling information		rock substance		rock mass defects			
method	case-lift	depth (m)	substance description	strength (50)	defect description		
AS AD R W NMLC	casing used barrel withdrawn		GRANITE; medium grained END of BH 88-47 at 8.20				
<p>key</p> <p>method</p> <p>AS auger screwing</p> <p>AD auger drilling</p> <p>R roller/tricone</p> <p>W washbore</p> <p>NMLC NMLC core drilling</p>		<p>case-lift</p> <p> casing used</p> <p> barrel withdrawn</p> <p>water</p> <p>10 Oct, 73 water level date shown</p> <p>water inflow</p> <p>partial drilling water loss</p> <p>complete drilling water loss</p>		<p>strength</p> <p>EL - extremely low</p> <p>VL - very low</p> <p>L - low</p> <p>M - medium</p> <p>H - high</p> <p>VH - very high</p> <p>EH - extremely high</p>			

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