

engineering log — cored borehole

11994

File No. 02.0346

BASE HWY. — DUPLICATION project: VICTORIA BRIDGE — DEVONPORT borehole location: 12m Upstream from Pier 2 & of existing bridge				hole commenced: 9/5/90 hole completed: 10/5/90 supervised by: DJG log checked by: JGC				
drill model and mounting: GEMCO 210D slope: Vert. deg.				R. L. surface: m				
barrel type and length: NRTT 2.45m fluid H ₂ O bearing: deg.				datum: State Driller G. Baker				
drilling information			rock substance			rock mass defects		
method	case-lift	water	depth m metres	substance description rock type: grain characteristics, colour, structure, minor components.	weathering	strength Is (50)	defect spacing mm	defect description thickness, type, inclination, planarity, roughness, coating. particular general
			3.0					River Bed at 6.1m
			8.0					
			10.0	GRAVEL; rounded doleritic, sandy, shelly, grey				
			12.0					
			14.0	si. clayey, mixed, dolerite & quartz				
			16.0	DOLERITE; medium grained, grey	SW			
			17.0	blue-grey	Fr			Few joints, mostly 70° dip at sub-horizontal, planar some with FeOx coatings
			17.75	End of hole at 17.75m				

key method AS auger screwing AD auger drilling R roller/tricone W washbore NMLC NMLC core drilling	Case-lift casing used H barrel withdrawn water 10 Oct, 73 water level date shown water inflow partial drilling water loss complete drillina water loss	graphic log/core loss [hatched] core recovered (hatching indicates material) [empty] no core	* Test Values weathering Fr — fresh SW — slightly weathered MW — moderately weathered HW — highly weathered EW — extremely weathered	strength (indirect tensile strength) EL — extremely low VL — very low L — low M — medium H — high VH — very high EU — extremely high
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