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MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG



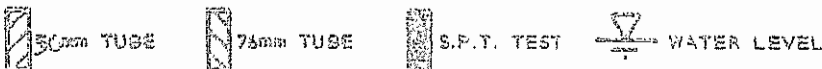
Form 23ZL(c)
(P) /10/74

PROJECT NORTH-SOUTH FREEWAY - BRISBANE RIVER CROSSING HOLE No 38
 LOCATION Coordinates N34698.086 E45346.581 REF. H 4487
 JOB No 140/BO08D/U04.2 PROJECT No 2/71 DATE 13/4/78 DATUM AHD
 TYPE OF DRILLING: Solid Augering 76.2mm Hollow Augering Casing NMLC Coring

STRATA DESCRIPTION		Depth	Field Sample & H value	R.L.	Graphic	ENGINEERING PROPERTIES		
Soil Type Lithology	Weathering					Parameters & Indicas	MC(%)x	DD(t/m ³)o
		0.00		1:50 -7.60				
<p><u>CLAY</u> Dark grey, wet, very soft to firm, highly organic.</p>			A 41					
		5.00		-12.66				
<p><u>SANDY CLAY</u> Dark grey, moist, soft. Fine to medium grained sand fraction.</p>			B 4					
		7.75		-14.85				
<p><u>DECOMPOSED</u> Dark greenish grey, moist, hard clayey silt with inter-bedded thin black carbonaceous bands to 1mm.</p>			C 60/70*	-16.35				
<p><u>HIGHLY WEATHERED</u> Orange brown discoloration throughout.</p>								
STRUCTURE						Intact Strength	Defect Spacing	

(continued)

REMARKS GEOLOGIST
 ENGINEER
 APPROVED
 DATE



NOTE:- For other symbols see Appendix 1

MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG

Form 3321(d)
(F) /10/74

PROJECT NORTH-SOUTH FREEWAY - EBRISBANE RIVER CROSSING HOLE No 38 (cont.)
REF. H 4487
LOCATION DATUM
GROUND
JOB No PROJECT No DATE SURFACE
TYPE OF DRILLING: Solid Augering 76.2mm Hollow Augering Casing NMLC Coring

STRATA DESCRIPTION		Depth	Core Rec. %	R.L.	Graphic Log	STRUCTURE	ENGINEERING PROPERTIES	
Soil Type	Weathering						Intact Strength	Defect Spacing
SLIPSTONE (CONT.) HIGHLY WEATHERED Defects subhorizontal and medium angled, coated with orange brown iron oxides.		10.00	(0) 85	-17.60		Interbedded coal seams.		
SANDSTONE Grey, medium to coarse grained subhorizontally bedded sedimentary rock.		10.86	(0) 93	-18.46		Interbedded coal seam.		
SLIGHTLY WEATHERED Defects predominantly subhorizontal at upper levels, decreasing with depth. Defects coated thinly with clay.			(34) 100					
MODERATELY WEATHERED Medium to coarse grained throughout. Interbedded carbonaceous bands to 5mm.		14.95	(87) 100	-22.55				
HIGHLY WEATHERED Highly weathered bands.		17.45	(0) 78	-25.05				
END OF HOLE			(10) 100					

REMARKS: Rock Quality Designation (RQD) shown in brackets above core recovery. GEOLOGIST
ENGINEER
APPROVED
DATE 7/11/78

Decomposed
 Highly Weathered
 Moderately Weathered
 Slightly Weathered
 Core Loss

NOTE: For other symbols see Appendix 1.