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MAIN ROADS DEPARTMENT ENGINEERING BORE LOG

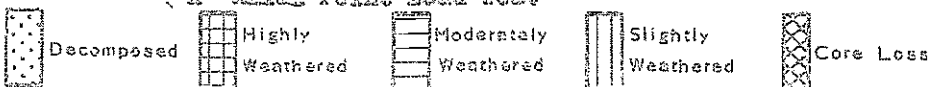


Form 23ZL(d)
(P) /10/74

PROJECT NORTH SOUTH FREEWAY : SECTION H : BRISBANE RIVER CROSSING HOLE No 70
REF. H 4462
LOCATION Coordinates - 34418.9N 45533.7E DATUM AD
GROUND
JOB No 140/3008D/U04.2 PROJECT No 2/71 DATE 28/2/76 SURFACE 27.16
TYPE OF DRILLING: Solid Augering ☐ 65 mm Hollow Augering ☐ CX Casing ☒ NMLC Coring ☒

STRATA DESCRIPTION		Depth	Core Rec. %	R.L.	Graphic Log	STRUCTURE	ENGINEERING PROPERTIES	
Soil Type	Weathering						Intact Strength	Defect Spacing
Lithology		0.00		1:50 27.16				
SILETY SAND Grey brown, moist, loose		0.60		26.56				
SANDSTONE Orange red ironstained white coarse to fine grained sedimentary rock.	MODERATELY WEATHERED Coarse sand near top becoming finer with depth includes some minor siltstone bands. Variable iron-staining. Defects mainly subhorizontal with rare subvertical joints.		(77) 81					
			(63) 100					
			(39) 100					
			(23) 69			Hard iron cemented sandstone band.		
SHALE Grey, fine grained fissile sedimentary rock.	MODERATELY WEATHERED Subhorizontal defects reflecting fissility.	5.50		21.66				
SANDSTONE Light grey medium grained sedimentary rock.	MODERATELY WEATHERED Subhorizontal defects, some infilled with carbonaceous matter.	7.40	(0) 100	19.76		White siltstone.		
		8.60		18.56				
SHALE Grey fine grained fissile sedimentary rock.	MODERATELY WEATHERED (See over)	10.00	(31) 100	17.16		Moderately weathered sandstone band.		

REMARKS: Bedding is subhorizontal throughout. GEOLOGIST
Rock quality Designation (RQD) shown in brackets above ENGINEER
Core recovery ☒ 100% Block Test Result - Refer Table APPROVED



DATE

MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG



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

PROJECT NORTH SOUTH FREEWAY : SECTION H : BRISBANE RIVER CROSSING HOLE No 30 (Cont.)
REF. H 4462
LOCATION DATUM
GROUND
JOB No PROJECT No DATE SURFACE
TYPE OF DRILLING: Solid Augering ☐ 65 mm Hollow Augering ☐ Casing ☒ NMLC Coring ☒

STRATA DESCRIPTION		Depth	Core Rec. %	R.L.	Graphic Log	STRUCTURE	ENGINEERING PROPERTIES	
Soil Type	Weathering						Intact Strength	Defect Spacing
Lithology		10.00		17.16				
SHALE (CONT.)	MODERATELY WEATHERED (CONT.) Defects mainly subhorizontal associated with fissility. Some rare subvertical joints occur.		(9) 100			Slightly weathered sandstone band (cont.)		
		12.55	(0) 100	14.61				
	MODERATELY WEATHERED Defects mainly subhorizontal with rare subvertical joints.	13.60	(27) 100	13.56	2/3/78	Interbedded shale band.		
			(27) 100					
SANDSTONE	Light gray fine grained sedimentary rock with small bands of shale to 200mm.		(0) 12	10.18		Iron cemented sandstone, jammed in barrel.		
		16.98						
END OF HOLE								

REMARKS: 1. Lost core due to a piece of hard sandstone jamming in the barrel. Drillers log indicates lost core was fine sandstone and shale. 2. Axial Point Load Test Rock Quality Designation (R.Q.D.) shown in brackets above core recovery.

Geologist
Engineer
APPROVED
DATE 7/6/78

☒ Decomposed
 ☒ Highly Weathered
 ☒ Moderately Weathered
 ☒ Slightly Weathered
 ☒ Core Loss