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MAIN ROADS DEPARTMENT  
ENGINEERING BORE LOG



Form 232L(d)  
(P) 1/10/74

PROJECT ... NORTH SOUTH FREEWAY SECTION H. BRISBANE RIVER CROSSING ..... HOLE No ... 32 .....  
REF. H ... 4463 .....  
LOCATION ... Coordinates ... 34241.3K 45637.4E ..... DATUM ... AHD .....  
JOB No 140/10000/104.2 ..... PROJECT No .2/71 ..... DATE ... 27/2/78 ..... SURFACE .22.42 .....  
TYPE OF DRILLING: Solid Augering  65mm Hollow Augering  MC Casing  NMLC Coring

STRATA DESCRIPTION		Depth	Core Rec. %	R.L.	STRUCTURE	ENGINEERING PROPERTIES	
Soil Type	Weathering			1:50		Intact Strength	Defect Spacing
Lithology		0.00		22.47			
SILTY SAND AND GRAVEL		0.40		22.07			
Brown, medium to fine grained residual soil with pieces of iron-stained sandstone to 70mm.			(49) 94		Low strength fractured conc.		
SANDSTONE	Red brown to white, medium grained subhorizontally bedded sedimentary rock.	2.00	(0) 43	20.47			
	MODERATELY WEATHERED. Mainly sub-horizontal defects with some rare vertical joints.						
SILTSTONE	White and brown fine grained subhorizontally bedded sed. rock.	4.76	(9) 100	17.71	Highly fractured shale band.		
	SLIGHTLY WEATHERED. Orange brown ironstained white. Subhorizontal defects common.						
SANDSTONE	Brown to white coarse to fine grained subhorizontally bedded sedimentary rock.	5.20	(11) 100	17.27	19/4/78		
	MODERATELY WEATHERED. Brown iron-staining through most of rock. Defects mainly subhorizontal. Rare subvertical joints.		(0) 100		Moderately weathered shale band.		
			(53) 100				
			(28) 100		Moderately weathered siltstone band.		

(continued)  
REMARKS: Rock Quality Designation (RQD) shown in brackets above. GEOLOGIST .....  
CORE RECOVERY ..... ENGINEER .....  
x Axial Point Load Test \* Rock Test Result - Refer Table APPROVED .....

Decomposed Highly Weathered Moderately Weathered Slightly Weathered Core Loss DATE .....

MAIN ROADS DEPARTMENT  
ENGINEERING BORE LOG

Form 23ZL(d)  
(P) 1/10/74

PROJECT NORTH SOUTH FREEWAY SECTION H BRISBANE RIVER CROSSING HOLE No 37 (cont.)  
REF. H 4463  
LOCATION ..... DATUM .....  
GROUND .....  
JOB No ..... PROJECT No ..... DATE ..... SURFACE .....  
TYPE OF DRILLING: Solid Augering  65mm Hollow Augering  Casing  NMLC Coring

STRATA DESCRIPTION		Depth	Core Rec. %	R.L.	Graphic Log	STRUCTURE	ENGINEERING PROPERTIES		
Soil Type	Weathering			1:50			intact Strength	Defect Spacing	
Lithology		10.00		12.47					
SANDSTONE (CONT.)	MODERATELY WEATHERED (CONT.)		(69) 100						
			(61) 100						
			(0) 100			Black brittle coal seam.			
			(0) 100			Slightly weathered shale band.			
			(67) 100						
			(27) 100						
SHALE Grey, fine grained, fissile, subhorizontally bedded sedimentary rock.	MODERATELY WEATHERED Defects mainly subhorizontal. No ironstaining.	16.50	(33) 100	5.97		Interbedded sandstone bands.			
			(22) 100						
			(0) 100						
			(0) 100						
END OF HOLE		19.82		2.65					

REMARKS: Rock Quality Designation (RQD) shown in brackets above  
CORE RECOVERY  
\* Axial Point Load Test \* Rock Test Result - Refer Table 1  
GEOLOGIST .....  
ENGINEER .....  
APPROVED *[Signature]*  
DATE 7/11/78

