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MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG



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

PROJECT NORTH-SOUTH FREEWAY - BRISBANE RIVER CROSSING

HOLE No 43

LOCATION Co-ordinates N35024.431 E45100.079

REF. H 4471

DATUM AHD

JOB No 140/EO08D/U04.2

PROJECT No 2/71

DATE 31/3/78

GROUND SURFACE 1.232

TYPE OF DRILLING: Solid Augering ☐ 65 mm Hollow Augering ☒ Casing ☐ NMLC Coring ☐

STRATA DESCRIPTION		Depth	Field Sample & n Value	R.L.	ENGINEERING PROPERTIES
Soil Type Lithology	Weathering				Parameters & indices
		0.00		1.50 1.23	MC(%) x o
SANDY CLAY Dark grey, moist to wet, very soft. Fine grained sand fraction.		1.50	1.6	-0.27	13/4/78
		2.60		-1.37	
SAND Brown to grey, loose to medium dense, medium to coarse grained. Clay bands to 5mm.		B	6 3.2		
		"	5 4.6		
		"	15 6.2		
		"	1 1.1		
SANDY CLAY Grey, moist, soft, Medium grained sand fraction.		F	1 7.2		

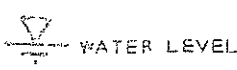
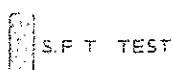
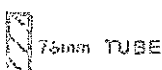
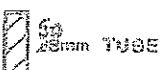
REMARKS " Sample attempted but no sample retained.

GEOLOGIST

ENGINEER

APPROVED

DATE



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PROJECT NORTH-SOUTH FREEWAY - BRISBANE RIVER CROSSING HOLE No. 43 (Cont.)
REF. M. 2411
LOCATION DATUM
GROUND
JOB No. PROJECT No. DATE SURFACE
TYPE OF DRILLING Solid Augering ☐ 55 mm Hollow Augering ☒ Casing ☐ NMHC Coring ☐

STRATA DESCRIPTION			R.L.	ENGINEERING PROPERTIES		
Soil Type	Depth (m)	Field Sample No.	1.50	Parameters & Indices	Moisture	DD (mm)
Lithology	Top of Layer	Bottom of Layer	1.77			
SANDY CLAY (CONCL.)	1.0	1.6				
	1.6	2.2				
	2.2	2.8				
	2.8	3.4				
SAND Medium gray, moist, loose to medium dense, fine grained, Clay bands to 20mm throughout.	4.20	12.91				
	10	15.2				
	16.6					
	18.0					
	19.6					

REMARKS 12. Sample 12.91m depth was not retained.

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32 SOUTH TUBE 12.91m. CORING TEST WATER LEVEL

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PROJECT NORTH BUCH PLENNY - BRISBANE RIVER CROSSING

HOLE No. 23 (Cont.)

REF. 2271

LOCATION

GATEWAY

GROUND

JOB No.

PROJECT No.

DATE

SURFACE

TYPE OF DRILLING Solid Augering ☒ 150 mm Hollow Augering ☒ Casing ☐ H.C. Casing ☐

STRATA DESCRIPTION			R.L.	SPT	ENGINEERING PROPERTIES		
Soil Type	Depth	Field Sample No. & Value			Parameters & Indices	MC(%)	DD(%)
Lithology	20.00		1.50				
SAID (CONT.)							
	21.2						
CLAY	22.50		21.27				
Dark grey, moist, fine slightly organic							
	24.2						
SANDY CLAY	24.80		23.57				
Grey to brown, moist, stiff to very stiff, fine grained,							
	25.6						
	27.2						
CLAYEY SAND - COARSE	27.80		26.57				
Dark brown, moist to wet, dense medium to coarse grained							
	28.4						
	29.2						
	29.8						
	30.4						
	31.0						
	31.6						
	32.2						
	32.8						
	33.4						
	34.0						
	34.6						
	35.2						
	35.8						
	36.4						
	37.0						
	37.6						
	38.2						
	38.8						
	39.4						
	40.0						

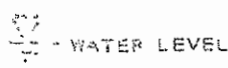
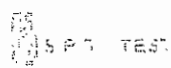
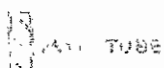
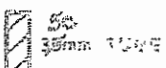
REMARKS

GEOLOGIST

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MAIN ROADS DEPARTMENT ENGINEERING BORE LOG



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(P) /10/74

PROJECT NORTH-SOUTH FREEWAY - BRISBANE RIVER CROSSING HOLE No 43 (Cont.)
REF. H 2471
LOCATION DATUM
GROUND
JOB No PROJECT No DATE SURFACE
TYPE OF DRILLING: Solid Augering ☐ 65mm Hollow Augering ☒ Casing ☒ NMLC Coring ☒

STRATA DESCRIPTION		Depth	Field Sample & N Value	R.L.	Graphic Log	ENGINEERING PROPERTIES		
Soil Type	Weathering					Parameters & Indices	MC(%)x	DD(t/m ³)o
Lithology		30.00		1:50 -28.77			x o	x o
CLAYEY SAND AND GRAVEL (CONT.) Rounded quartzitic rock fragments to 35mm.								
		W	74	31.6				
				32.7				
		X	60/100	32.9				
		33.30		-32.07				
COAL Black, fine grained, highly fragmented, fissile, subhorizontally bedded carbonaceous sedimentary rock.	HIGHLY WEATHERED Defects predominantly subhorizontal and subvertical with no infilling.	Y	60/110*	33.7		STRUCTURE	Intact Strength	Defect Spacing
			100	33.7		siltstone bands	Not Applicable	
			(O) 100					
			(O) 72			Interbedded siltstone	Not Applicable	
			(O) 72			Interbedded siltstone	Not Applicable	

REMARKS Rock Quality Designation (RQD) shown in brackets above GEOLOGIST
core recovery. ENGINEER
Intact Strength by subjective assessment only. APPROVED
DATE

50mm TUBE
 76mm TUBE
 S.P.T. TEST
 WATER LEVEL

MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG



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

PROJECT WATER-SOURCE FINDER - BRISBANE RIVER CROSSING HOLE No. 43 (cont.)
REF. H. 4471
LOCATION DATUM
GROUND
JOB No. PROJECT No. DATE SURFACE
TYPE OF DRILLING: Solid Augering ☐ 55 mm Hollow Augering ☐ Casing ☒ NMLC Coring ☒

STRATA DESCRIPTION		Depth	Core Rec.	R.L.	Graphic	STRUCTURE	ENGINEERING PROPERTIES	
Soil Type	Weathering						Intact Strength	Defect Sealing
Lithology			% (0)	1:50				
COAL (CONT.)	HIGHLY WEATHERED (CONT.)	40.00	37	38.77			Not Applicable	
			(0) 95					
SILTSTONE Light grey, fine grained sedimentary rock.	MODERATELY WEATHERED Defects sub-horizontal, medium and high angled, coated with clay and iron oxides.	41.82	(9) 100	40.59				
		44.20	(31) 93	42.92				
SANDSTONE Light grey, fine grained sedimentary rock with interbeds of silty shale to clay.	SLIGHTLY WEATHERED Minor sub-horizontal and medium angled defects coated with clay.	46.20	(73) 100	44.97				
END OF HOLE								

REMARKS: Rock Quality Designation (RQD) shown in brackets above
core recovery.
x Axial Point Load Test.
GEOLOGIST: DR
ENGINEER: DR
APPROVED: DR
DATE: 1/1/78

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