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MAIN ROADS DEPARTMENT

Form 232L
(P/4/66)

RIVERSIDE EXPRESS- DRILLING REPORT

H1600

WAY SECTION G : FOUNDATION INVESTIGATION

PROJECT No. 2-85
DISTRICT No. 14 SHIRE BRISBANE CITY HOLE No. 4
ROAD RIVERSIDE EXPRESSWAY JOB No. 140/EO09F/U04.2
LOCATION GRID REFERENCE 51353 E ; 49182 N RL DATUM B.C.C.
COLLAR
TYPE AND SIZE OF DRILLING 0-44.7', 2" Hollow Auger, GROUND SURFACE... 42.5
44.7'-62.8' NMDC Diamond Drilling ROCK SURFACE... -8.7
DATE DRILLED 15th June, 1971. BOTTOM OF HOLE... -20.3
WATER TABLE... 19.5

DEPTH 1"= 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
2.5						
3.8					A	Tube
4.0						
5.5				13 blows	B	S.P.T.
7.5			CLAYEY	brown mottled grey, moist to saturated, medium dense to dense, fine grained	C	Tube
8.8						
9.0			SAND	18 blows	D	S.P.T.
10.5						
12.5					E	Tube
13.8						
14.0						
15.5		16.0		33 blows	F	S.P.T.
17.5			SILTY	grey, saturated, very dense, sand fraction very fine grained, contains hard cemented layers	G	Tube
18.4			SAND	73 blows	H	S.P.T.
19.0		21.0				
20.2			CLAYEY	brown mottled grey, saturated, medium dense, sand fraction fine grained	J	Tube
22.5			SAND	17 blows	K	S.P.T.
23.8		26.5				
24.0			CLAY	brown mottled grey, saturated, stiff	L	Tube
25.5				34.0'-39.0' 12 blows	M	S.P.T.
27.5				gravelly clay, pebbles consist of angular quartz to 1in.	N	Tube
28.8						
29.0						
30.5						
32.5						
33.8						
34.0						
35.5					P	S.P.T.

(continued)

DRILLER PLANT
REMARKS * 73 blows recorded for 0.7' penetration
DATE GEOLOGIST APPROVED DATE

MAIN ROADS DEPARTMENT

Form 232L
(P/4/66)RIVERSIDE
EXPRESSWAY:

DRILLING REPORT

H.1600

PROJECT SECTION G FOUNDATION INVESTIGATION

PROJECT No. 2-85

DISTRICT No. SHIRE

HOLE No. 4 (continued)

ROAD

JOB No.

LOCATION

RL DATUM

TYPE AND SIZE OF DRILLING

COLLAR

GROUND SURFACE

ROCK SURFACE

BOTTOM OF HOLE

DATE DRILLED

WATER TABLE

DEPTH 1" = 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
37.5			CLAY			
38.8					Q	Tube
39.0						
40.5			DECOMPOSED GREYWACKE	brown and grey, saturated, hard sandy clay showing relict rock fabric and bedding	R	S.P.T.
42.5						
43.2					S	Tube
44.0						
44.7			HIGHLY WEATHERED GREYWACKE	brown, soft, sheared, medium grained sedimentary rock : shearing subparallel to bedding and dips 45° broken clayey core throughout; most breaks subhorizontal and parallel to bedding	T	S.P.T.
47.7	100					
50.8	100					
52.8	100					
54.9	100					
57.8	100		MODERATELY WEATHERED GREYWACKE	grey, hard, sheared, medium grained sedimentary rock shearing sub-parallel to bedding and dips 45° 6 to 8 breaks per foot mostly parallel to bedding break planes coated with iron oxide		
62.8	100					
				END OF HOLE		

DRILLER L.W. J.N. D.J.

PLANT. MRD GEMCO 11167

REMARKS. * 44 blows recorded for 0.2' penetration

DATE. 14/7/71 G.W.EADES GEOLOGIST

APPROVED. *Rf. Allred* DATE. 19/8/71