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MAIN ROADS DEPARTMENT

Form 232L
(P/4/66)

DRILLING REPORT

H1601

RIVERSIDE
PROJECT EXPRESSWAY SECTION G FOUNDATION
DISTRICT No. 14 SHIRE BRISBANE CITY
ROAD RIVERSIDE EXPRESSWAY
LOCATION GRID REFERENCE
51243E 49087N

PROJECT No. 2-85
HOLE No. 5
JOB No. 140/EO09F/U04.2
RL DATUM B.C.C.

TYPE AND SIZE OF DRILLING 0-26.5', 2" Hollow Auger,
26.5'-36.7' NMLC Diamond Drilling
DATE DRILLED 16th June, 1971.

COLLAR
GROUND SURFACE.... 35.9
ROCK SURFACE..... 9.4
BOTTOM OF HOLE..... -0.8
WATER TABLE. 24.4 on 23/6/71

DEPTH 1" = 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
2.5						
3.3					A	Tube
4.0						
5.5			CLAYEY	brown mottled grey, moist to saturated, medium dense, fine grained	20 blows B	S.P.T.
7.5			SAND			
8.7					C	Tube
9.0						
10.5					18 blows D	S.P.T.
12.5						
13.8					E	Tube
14.0		14.0				
15.5					F	S.P.T.
17.5				brown mottled grey, saturated, stiff to hard	13 blows	
18.8			CLAY	19.0'-22.7' gravelly clay:		G Tube
19.0				pebbles	31 blows	H S.P.T.
20.5				consist of		
22.5				angular quartzite and greywacke to 2ins.		J Tube
22.9						
24.0			HIGHLY	grey, alternating hard and soft bands,		
24.7			WEATHERED	massive,	44 blows *	K S.P.T.
26.5		26.5	GREYWACKE	medium grained sedimentary rock : broken core throughout		
			MODERATELY			
29.5	100		WEATHERED	grey, hard, massive, medium grained sedimentary rock : incipient bedding		
			GREYWACKE	dips 50° : 3 breaks per foot mostly parallel to bedding and subhorizontal		
32.7	100			31.5'-32.7' subvertical break : break planes coated with iron oxide		
36.7	100	36.7				

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 P. J. Clutterbuck DATE 19/8/71