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MAIN ROADS DEPARTMENT

Form 23ZL
(P/4/66)

H1606

PROJECT RIVERSIDE EXPRESSWAY SECTION G: FOUNDATION INVESTIGATION..... PROJECT No.2-85.....
DISTRICT No. 14..... SHIRE BRISBANE CITY..... HOLE No.10.....
ROAD..... RIVERSIDE EXPRESSWAY..... JOB No. ...140/E009F/U04.2.....
LOCATION... GRID... REFERENCE..... RL DATUM B.C.C.
..... 50982 E ; 49400 N..... COLLAR
TYPE AND SIZE OF DRILLING 0-47.6' 2" Hollow Auger, GROUND SURFACE... 44.6
47.6'-58.8' NMLC Diamond Drilling..... ROCK SURFACE... -3.7
DATE DRILLED 24th June, 1971..... BOTTOM OF HOLE... -14.2
WATER TABLE... 19.4 on 29/6/71

DEPTH 1"= 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
4.2		5.0	FILL	moist, dense, clayey gravel		
5.8				1 blow	B	S.P.T.
7.5						
8.8					C	Tube
9.2						
10.8				19 blows	D	S.P.T.
12.5			SANDY	brown mottled grey, moist to saturated, very stiff		
13.8					E	Tube
14.2				sand fraction fine grained		
15.8			CLAY	20 blows	F	S.P.T.
17.5						
18.8					G	Tube
19.2						
20.8				21 blows	H	S.P.T.
22.5						
23.8					J	Tube
24.2						
25.8				23 blows	K	S.P.T.
27.5						
28.8					L	Tube
29.2						
30.8				25 blows	M	S.P.T.
32.5						
33.8					N	Tube
34.2						
35.8				25 blows	P	S.P.T.

(continued)

DRILLER PLANT.....
REMARKS.....
DATE..... GEOLOGIST APPROVED..... DATE.....

MAIN ROADS DEPARTMENT

Form 232L
(P/4/66)

H1606

RIVERSIDE

DRILLING REPORT

PROJECT EXPRESSWAY SECTION G FOUNDATION

INVESTIGATION

PROJECT No. 2-85

DISTRICT No. SHIRE

HOLE No. 10 (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			SANDY CLAY	39.0'-44.0' gravelly clay, pebbles consist of angular quartz to 1/2 in. 32 blows		
38.8					Q	Tube
39.2						
40.8					R	S.P.T.
42.5						
43.7			HIGHLY WEATHERED GREYWACKE	light grey, alternating hard and soft band, massive, medium grained sedimentary rock broken throughout 28 blows	S	Tube
44.2						
44.4					T	S.P.T.
47.6						
50.8	100		MODERATELY WEATHERED GREYWACKE	grey, hard, massive, medium grained, sedimentary rock incipient bedding dips 45° 4 breaks per foot mainly subhorizontal and along bedding with some dipping at 60°: break planes coat with iron oxide		
55.8	100					
58.8	100					
				END OF HOLE		

DRILLER L.W. J.N. D.J. PLANT MRD GEMCO 11167

REMARKS * 28 blows recorded for 0.2' penetration

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

APPROVED DATE 12/8/71