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MAIN ROADS DEPARTMENT

Form 232L
(P/4/66)

885

SOUTH EAST FREEWAY DRILLING REPORT

PROJECT GEOTECHNICAL INVESTIGATION
 DISTRICT No. 13 SHIRE BRISBANE CITY
 ROAD SOUTH EAST FREEWAY
 LOCATION MARSHALL RD. 4' E of western
 alignment 170' S of southern alignment of
 DATLAND CRES.
 TYPE AND SIZE OF DRILLING 0-16.3' 2" Hollow
 Auger. 16.3'-40.0'. NMLC. Diamond Drilling
 DATE DRILLED 19-20th March, 1969.

PROJECT No. 2-35
 HOLE No. D4
 JOB No. 140/E002D/U04.2
 RL DATUM B.C.C.
 COLLAR -
 GROUND SURFACE 73.7
 ROCK SURFACE 57.4
 BOTTOM OF HOLE 33.7
 WATER TABLE 64.9

DEPTH 1" = 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE			
					No.	TYPE		
2.5			CLAY	brown ironstained, grey, firm to very firm, dry to moist, 4.0'-7.0' slightly sandy	A	Tube		
3.0								
5.0			7.0	18 blows	B	S.P.T.		
6.5				CLAYEY SAND AND GRAVEL	brown ironstained, grey, loose, saturated; sand medium to coarse grained gravel up to 1" in diameter 9.0'-12.0' - firm, moist very clayey	C	Tube	
7.5			13.0			15 blows	D	S.P.T.
8.5							E	Tube
10.0			CLAY	brown ironstained, grey to green, stiff to hard, moist	F	S.P.T.		
11.5		16.3			72 blows			
12.5			MODERATELY WEATHERED GREYWACKE	brown ironstained, grey, hard, massive, fine grained sedimentary rock occasional thin shale bands bedding dips at approximately 85°, joints 2-4 per foot; jointing consists of regular joints with dips of 30°-40°				
12.8		24.9						
15.0					SLIGHTLY WEATHERED GREYWACKE	green clay minerals and brown ironstaining present on joint planes 16.4'-17.4' shattered band: 23.2'-24.9' black to green fissile shale band		
16.3								
19.4	100							
23.2	97							
28.2	100							
33.2	100							

(continued)

COLLER PLANT.....
 REMARKS * 72 blows for 0.8' penetration

DATE..... GEOLOGIST APPROVED.....

MAIN ROADS DEPARTMENT

Form 23ZL
(P/4/66)

SOUTH EAST DRILLING REPORT

PROJECT FREEWAY GEOTECHNICAL INVESTIGATION

PROJECT No. 2-35

DISTRICT No. SHIRE

HOLE No. D4 (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
38.2	100		SLIGHTLY WEATHERED GREYWACKE	grey, hard, massive, fine grained sedimentary rock		
40.0	97		40.0	occasional thin shale bands		
				bedding dips approximately 85°; joints < 3 per foot; jointing regular with dips of 30° to 40°		
				brown ironstaining present on joint planes		
				occasional thin quartz veins present along bedding planes		
				24.9'-25.9'		
				27.0'-28.0' black to green hard shale bands		
				33.0'-34.0' shattered quartz rich band		
				END OF HOLE		

ILLER B.T. J.O. L.W.

PLANT MRD GEMCO 9467

MARKS

2 GEOLOGIST

APPROVED [Signature]