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MAIN ROADS DEPARTMENT

H747
Form 23ZL
(P/4/66)

SOUTH EAST FREEWAY DRILLING REPORT

PROJECT ... GEOTECHNICAL INVESTIGATION

DISTRICT No. 13 SHIRE BRISBANE CITY

ROAD ... SOUTH EAST FREEWAY

LOCATION ... 84920N 136906E

PROJECT No. ... 2-35

HOLE No. ... C24

JOB No. ... 140/EO02C/U04.2

RL DATUM ... B.C.C.

TYPE AND SIZE OF DRILLING 0-14.6' 2" Hollow
Auger 14.6'-40.0' NMLC Diamond Drilling

COLLAR ... -

GROUND SURFACE 109.2

ROCK SURFACE ... -

BOTTOM OF HOLE 69.0

WATER TABLE ... 104.7

DATE DRILLED ... 28th July, 1969

DEPTH 1"= 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
2.5			CLAY	brown ironstained grey firm, moist, fissile in part		
3.7					A	Tube
4.5						
6.0					21 blows	B S.P.T.
7.5						
7.9					C	Tube
9.5						
11.0					76 blows	D S.P.T.
14.4						
14.6		14.6				
			HIGHLY WEATHERED SHALES	grey, hard, fissile, sedimentary rock	*40 blows	F S.P.T.
19.2	100	19.2		bedding dips approx. 10° brown ironstained in parts		
24.2	90		HIGHLY WEATHERED SANDSTONE	grey to white, hard, massive sedimentary rock		
				composed of fine to medium grained quartz in white clayey matrix		
29.2	100			red ironstained in parts 19.3'-22.0' soft band		
34.2	80					

(Continued)

DRILLER ... PLANT ...
REMARKS ... * S.P.T. 40 blows for 0.2' penetration

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

MAIN ROADS DEPARTMENT

H747
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(P/4/66)

SOUTH EAST FREEWAY DRILLING REPORT

PROJECT GEOTECHNICAL INVESTIGATION

PROJECT No. 2-35

DISTRICT No. SHIRE

HOLE No. C24 (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
39.2	30		HIGHLY WEATHERED SANDSTONE	39.2'-40.0' red ironstained grey shale		
40.0	100					
				END OF HOLE		

DRILLER B.T. C.G. L.W. PLANT MRD GEMCO 10455

REMARKS

DATE 5/8/69 J.M. Martin GEOLOGIST APPROVED 15/8/69

MAIN ROADS DEPARTMENT
ENGINEERING BORE LOG

Form 23ZL(a)
(P) /4/72

PROJECT SOUTH EAST FREEWAY GEOTECHNICAL INVESTIGATION HOLE No. C24
DATUM B.C.C.
Grid Reference 84920N 136906E
PROJECT No. 2-35 REF. H. 747A
2" Hollow Auger
OF DRILLING NMLC Diamond Drilling DATE 28/7/69 WATER TABLE 104.7
Moisture Content (%) MCx-x-x
Dry Density (P.C.F.) DD o-o-o

Soil Parameters	Field Sample	1" RL 5' 109.2	Graphic Log	Description of Strata
	A			CLAY brown ironstained grey, moist, very stiff to hard.
N=21	B			
	C			
N>40	D			
N>40	F	84.6		
	Core Rec.			
		100	90.0	MODERATELY WEATHERED SHALE grey, hard, fissile, fine grained sedimentary rock. bedding dips approx. 10° brown ironstained in parts.
		90		MODERATELY WEATHERED SANDSTONE grey to white, hard, massive, fine to medium grained sedimentary rock matrix clayey. red ironstained in part. 90.0 to 87.2 soft band. 70.0 to 69.2 red iron- stained grey shale.
		100		
		80		
		30		
		100	69.2	
				END OF HOLE

REMARKS:

1/2" TUBE 3" TUBE S.P.T. TEST GEOLOGIST C.D.B. ENGINEER m.g.p.
APPROVED 10.9.01 DATE 20/2/73