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MAIN ROADS DEPARTMENT

H1186

Form 232L
(P/4/66)

NORTHERN FREEWAY DRILLING REPORT

PROJECT ALBION-KEDRON GEOTECHNICAL INVESTIGATION

DISTRICT No. 14 SHIRE BRISBANE CITY

ROAD NORTHERN FREEWAY

LOCATION Grid Reference 127563E, 121536N

PROJECT No. 2-53

HOLE No. 3

JOB No. 140/E0030/U04.2

RL DATUM B.C.C.

TYPE AND SIZE OF DRILLING 0.0-50.9' 2" Hollow
Augering; 50.9'-62.9' NMLC Diamond Drilling

DATE DRILLED 14-15th September, 1970.

COLLAR -

GROUND SURFACE 51.4 15.67

ROCK SURFACE 0.5 0.15

BOTTOM OF HOLE 11.5 -3.51

WATER TABLE * N.T.

DEPTH 1" = 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
2.5				light grey to brown, very stiff, moist		
3.3						
4.5				brown to red ironstaining in parts	A	Tube
6.0				throughout		
7.5			SILTY	16 blows	B	S.P.T.
7.8						
9.5			CLAY		C	Tube
11.0						
12.5				26 blows	D	S.P.T.
13.0						
14.5					E	Tube
16.0						
17.5				13 blows	F	S.P.T.
17.9						
19.5					G	Tube
21.0						
22.5				30 blows	H	S.P.T.
23.4						
24.5				23.0'-32.0' highly ironstained red	J	Tube
26.0						
27.5				21 blows	K	S.P.T.
28.4						
29.5					L	Tube
31.0						
32.5				18 blows	M	S.P.T.
32.8						
					N	Tube

(continued)

DRILLER PLANT.....
REMARKS * N.T. Water level not taken, hole caved in.

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

MAIN ROADS DEPARTMENT

H1186

Form 23ZL

(P/4/66)

NORTHERN FREEWAY: DRILLING REPORT

H1340

2-53

PROJECT ALBION-KEDRON GEOTECHNICAL INVESTIGATION

PROJECT No.

DISTRICT No. SHIRE

HOLE No. 3 (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
			SILTY CLAY			
37.5						
39.5			4-24	grey, slightly brown ironstained in parts, moist, very hard	40 blows	S.P.T.
41.0						
42.5				very clayey		
43.0			DECOMPOSED		R	Tube
44.5				sub-horizontal bedding apparent in parts		
46.0			SHALE		43 blows	S S.P.T.
49.5						
50.9			50.9 0-16		94 blows	U S.P.T.
53.8	100		MODERATELY WEATHERED	brown to dark grey, medium hard, fine grained sedimentary rock		
			SHALE	bedding sub-horizontal		
57.9	100			50.9'-53.0'-fissile 53.0'-62.9'-massive 57.0'-62.9'-shale becomes coarse grained		
62.9	100		62.9 -3-50			
				END OF HOLE		

DRILLER B.T. G.L. I.M.

PLANT

MRD GEMCO 10455

REMARKS * 94 blows recorded for 11 " penetration

DATE 19/10/70 G. BASFORD GEOLOGIST

APPROVED

DATE 12/11/70