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MAIN ROADS DEPARTMENT

H1187

Form 23ZL
(P/4/66)

H4341

PROJECT NORTHERN FREEWAY DRILLING REPORT
ALBION-KEDRON GEOTECHNICAL INVESTIGATION
DISTRICT No. 14 SHIRE BRISBANE CITY PROJECT No. 2-53
ROAD... NORTHERN FREEWAY HOLE No. 4
LOCATION... Grid Reference 128653E, 121871N JOB No. 140/EO03C/U04.2
AL DATUM B.C.C.
COLLAR
TYPE AND SIZE OF DRILLING 0.0-45.5' 2" Hollow GROUND SURFACE... 41.9... 12.77
Augering; 45.5'-58.5' BXM Diamond Drilling. ROCK SURFACE -3.1... -0.94
DATE DRILLED 11-14th September, 1970. BOTTOM OF HOLE... -16.6... -5.06
WATER TABLE..... 38.3... 11.67

DEPTH 1" = 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
2.5			CLAY	red-yellow mottled light grey, stiff to very stiff, moist to very moist		
3.8					A	Tube
4.0						
5.5				10 blows	B	S.P.T
7.5						
8.8				red iron concretions and staining varies throughout	C	Tube
9.0						
10.5				16 blows	D	S.P.T
12.5				20.0'-24.0' very moist saturated clay		
13.5					E	Tube
14.0						
15.5				19 blows	F	S.P.T
17.5				slightly sandy throughout		
18.5					G	Tube
19.0						
20.5				19 blows	H	S.P.T
22.5						
23.8					J	Tube
24.0						
25.5				17 blows	K	S.P.T
27.5						
28.0					L	Tube
29.0						
30.5		31.5	3-17	10 blows	M	S.P.T
32.5			DECOMPOSED	light brown to grey, very stiff to hard, moist,		
32.8			SHALE		N	Tube
34.0				28 blows	P	S.P.T

(continued)

DRILLER PLANT.....

REMARKS.....

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

MAIN ROADS DEPARTMENT

NORTHERN FREEWAY: DRILLING REPORT
ALBION-KEDRON GEOTECHNICAL INVESTIGATION

H-344

H1187

Form 232L
(P/4/66)

PROJECT PROJECT No. 2-53
DISTRICT No. SHIRE HOLE No. 4 (continued)
ROAD JOB No.
LOCATION RL DATUM
TYPE AND SIZE OF DRILLING COLLAR
GROUND SURFACE
ROCK SURFACE
BOTTOM OF HOLE
WATER TABLE
DATE DRILLED

DEPTH 1"= 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
37.5			DECOMPOSED SHALES	red ironstaining varies throughout		
38.1				subhorizontal bedding apparent in parts	Q	Tube
39.0				especially towards 45.0'		
40.5				30 blows	R	S.P.T.
42.5				faint fossiliferous remnants		
43.3					S	Tube
44.0						
45.5			45.0 - 0.95	62 blows	T	S.P.T.
			SLIGHTLY WEATHERED SHALES	light grey, hard, fine grained, sedimentary rock		
50.5	93			sandstone interbeds up to 2 inches throughout		
52.0	78			bedding near horizontal		
53.5	78			45.0'-52.0' fissile 52.0'-58.5' massive 57.0'-58.5' two near vertical joints causing shattering of core		
58.5	100		58.5 - 5.06			
				END OF HOLE		

DRILLER L.W. G.S. T.M. PLANT MRD GEMCO 9467
REMARKS
DATE 19/10/70 G. BASFORD GEOLOGIST APPROVED. *[Signature]* DATE 12/11/70