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MAIN ROADS DEPARTMENT

H1392

Form 23ZL
(P/4/66)

NORTHERN FREEWAY: DRILLING REPORT

ALBION-KEDRON GEOTECHNICAL INVESTIGATION

PROJECT PROJECT No. ... 2-53
DISTRICT No. ... 14 SHIRE BRISBANE CITY HOLE No. 16
ROAD ... NORTHERN FREEWAY JOB No. 140/E003C/UO.4
LOCATION ... 126920 E 123060 N RL DATUM B.C.C.

TYPE AND SIZE OF DRILLING 0-27.5' 2" Hollow Auger
27.5'-36.2' Rock bit; 36.2'-51.9' NMLC Diamond
Drilling
DATE DRILLED 12th-16th March, 1971

COLLAR
GROUND SURFACE ... 34.9
ROCK SURFACE
BOTTOM OF HOLE ... -17.0
WATER TABLE ... * N.T.

DEPTH 1" = 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
2.5			CLAYEY	brown, loose, moist		
3.8			SILT		A	Tube
4.5						
6.0		6.0		3 blows	B	S.P.T.
7.5			SILTY	brown, soft, moist		
8.8					C	Tube
9.5			CLAY			
11.0				3 blows	D	S.P.T.
12.5		12.0				
13.8				grey, loose becoming medium dense with depth,	E	Tube
14.5				saturated		
16.0				5 blows	F	S.P.T.
17.5			CLAYEY			
18.8				sand medium to coarse grained	G	Tube
			SAND	small gravel to 1" in diameter in parts		
27.2		27.5				
28.8			DECOMPOSED	brown ironstained	13 blows	K S.P.T.
29.5			SHALE	grey, stiff, moist	15 blows	L S.P.T.
31.0				very clayey		
		33.5				
34.7			HIGHLY WEATHERED SHALE			
					M	S.P.T.

(continued)

DRILLER PLANT

REMARKS * N.T. - Not Taken

DATE GEOLOGIST APPROVED DATE

MAIN ROADS DEPARTMENT

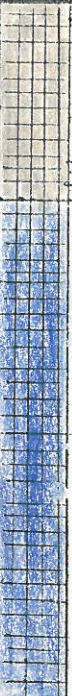
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Form 232L
(P/4/66)

NORTHERN FREEWAY: DRILLING REPORT

ALBION-KEDRON GEOTECHNICAL INVESTIGATION

PROJECT No. 2-53
DISTRICT No. SHIRE HOLE No. 16 (continued)
JOB No.
LOCATION RL DATUM
COLLAR
GROUND SURFACE
ROCK SURFACE
BOTTOM OF HOLE
WATER TABLE
PE AND SIZE OF DRILLING
TE DRILLED

DEPTH 1"= 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
36.2			HIGHLY WEATHERED SHALES	yellow ironstained grey, medium hard sedimentary rock clayey throughout	M	S.P.T.
38.9	100					
43.9	100		HIGHLY WEATHERED CONGLOMERATE	yellow ironstained grey, hard, coarse grained sedimentary rock pebbles up to 2" in diameter in an argillaceous cement 38.8'-43.9' breaks 1-2 per foot mainly sub- horizontal 43.9'-51.9' broken core		
47.4	55					
50.8	50					
51.9	60					
				END OF HOLE		

DRILLER B.T. G.L. I.M. PLANT GEMCO 10455
REMARKS
DATE 25/3/71 J.M. MARTIN GEOLOGIST APPROVED. *[Signature]* DATE 25/3/71