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MAIN ROADS DEPARTMENT

H1344

Form 232L
(P/4/66)

NORTHERN FREEWAY: DRILLING REPORT

PROJECT ALBION-KEDRON GEOTECHNICAL INVESTIGATION-PROJECT No. 2-53

DISTRICT No. 14 SHIRE BRISBANE CITY HOLE No. 7

ROAD NORTHERN FREEWAY JOB No. 140/U003C/U04.2

LOCATION Grid Reference 123023N, 127103E RL DATUM B.C.C.

COLLAR

GROUND SURFACE 36.4

ROCK SURFACE -25.1

BOTTOM OF HOLE -33.6

WATER TABLE 24.4

TYPE AND SIZE OF DRILLING 0-52.2' 2" Hollow Auger,
52.2'-70.0' BXM Diamond Drilling

DATE DRILLED 17th December, 1970.

DEPTH 1"= 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
2.5			CLAY	brown, stiff to very stiff, moist		
3.8					A	Tube
4.5				sandy in part		
6.0				sand fraction	10 blows B	S.P.T.
7.5				medium grained		
8.8					C	Tube
9.5						
11.0					20 blows D	S.P.T.
12.5						
13.8					E	Tube
14.5		14.5				
16.0			SILTY SAND	yellow ironstained grey, medium, moist, sand fraction medium to coarse grained	15 blows F	S.P.T.
17.5					G	Tube
18.4						
19.5					11 blows H	S.P.T.
21.0						
22.5		22.0				
23.8			CLAYEY GRAVEL		J	Tube
24.5						
26.0				yellow ironstained grey, medium, moist	20 blows K	S.P.T.
27.5						
28.8				gravel to 3/8" diameter	L	Tube
29.5						
31.0					12 blows M	S.P.T.
32.5			SANDY SILT	grey green, stiff, moist, minor gravel throughout		
33.8					N	Tube
34.5						
36.0					12 blows	

(continued)

DRILLER PLANT.

REMARKS.

DATE. GEOLOGIST APPROVED. DATE.

MAIN ROADS DEPARTMENT

Form 2321
(P/4/66)

NORTHERN FREEWAY DRILLING REPORT

H1344

PROJECT ALBION-KEDRON GEOTECHNICAL INVESTIGATION PROJECT No. 2-53
DISTRICT No. SHIRE HOLE No. 7 (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
36.0			SANDY SILT			
37.5						
38.8						
					Q	Tube
44.5						
46.0						
47.5						
48.0						
49.5						
50.3						
52.0						
52.5		52.2				
55.8	71		HIGHLY	yellow ironstained grey		
58.8	82		WEATHERED	hard, coarse grained		
61.0	28	61.5	CONGLOMERATE	sedimentary rock		
62.5	100			pebbles up to 2" diameter		
66.0	90			argillaceous cement		
70.0	75	70.0	MODERATELY	breaks 3-5 per foot		
			WEATHERED	generally subhorizontal		
			SHALE	55.0'-60.5' broken core		
				grey, hard, fine grained, thinly bedded, sedimentary rock		
				sandy in part		
				bedding subhorizontal: breaks 3-5 per foot, generally along bedding		
				61.0'-64.2' soft band		
				62.8'-63.7' highly carbonaceous band		

DRILLER E.M.D.L. L.W. PLANT MRD GEMCO 9467

REMARKS * 56 blows for 0.3' penetration
** 45 blows for 0.2' penetration

29/12/70

E.B. VANDERSTRAAT GEOLOGIST

APPROVED R.F. Chubb DATE 12/2/71