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MAIN ROADS DEPARTMENT

H1343

Form 23ZL
(P/4/66)

NORTHERN FREEWAY: DRILLING REPORT

PROJECT ALBION-KEDRON GEOTECHNICAL INVESTIGATION PROJECT No. 2-53
DISTRICT No. 14 SHIRE BRISBANE CITY HOLE No. 6
ROAD NORTHERN FREEWAY JOB No. 140/U003C/U04.2
LOCATION Grid reference 128074E, 122583 N RL DATUM B.C.C.

TYPE AND SIZE OF DRILLING 0-64.9' 2" Hollow Auger,
64.9'-83.6' NMLC Diamond Drilling

COLLAR
GROUND SURFACE 44.4 13-5
ROCK SURFACE -30.7
BOTTOM OF HOLE -39.2 -11.9
WATER TABLE 33.4

DATE DRILLED 11-13th November, 1970.

DEPTH 1"= 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
4.0			CLAY	yellow ironstained grey, soft to very hard, moist		
5.5				sandy and gravelly in part	2 blows A	S.P.T.
6.5					B	Tube
7.5						
9.0						
10.5					21 blows C	S.P.T.
11.5						
12.0					D	Tube
14.0						
15.5					70 blows E	S.P.T.
19.0						
20.5					22 blows G	S.P.T.
22.0			CLAYEY SAND	grey, medium, moist, sand fraction fine to coarse grained	23 blows J	S.P.T.
24.0				22.0'-26.0' sand band	K	Tube
25.5						
26.5					13 blows L	S.P.T.
27.5						
29.0						
30.5						
34.0						
35.5					22 blows N	S.P.T.

(continued)

DRILLER PLANT.....

REMARKS.....

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

Form 23ZL
(P/4/66)

ALBION-KEDRON GEOTECHNICAL INVESTIGATION

WATER TABLE.....

(continued)


DATE _____

MAIN ROADS DEPARTMENT

H1343

Form 232L
(P/4/66)NORTHERN FREEWAY: DRILLING REPORT
ALBION-KEDRON GEOTECHNICAL INVESTIGATION

PROJECT PROJECT No. ...2-53.....
DISTRICT No. SHIRE HOLE No. ...6 (continued)..
ROAD JOB No.
LOCATION RL DATUM
..... COLLAR
TYPE AND SIZE OF DRILLING 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
73.6	80		HIGHLY WEATHERED SHALES -9.4	minor ironstaining and fossil fern remains along partings occasional near vertical joints		
78.6	100		MODERATELY WEATHERED SHALES -12.0	grey, hard, fine grained sedimentary rock bedding dips 25-30° up to 3 breaks per foot parallel to bedding minor thin sandstone interbands throughout occasional near vertical uneven joints 82.3-82.6' soft band		
83.6	100	83.6				
				END OF HOLE		

DRILLER ..J..C...K..A...S..S..... PLANT...MRD GEMCO 10858

REMARKS.....

DATE. 29/12/70 GEOLOGIST APPROVED. *[Signature]* DATE. 12/12/71
A. G. B. VANDERSTAAY