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MAIN ROADS DEPARTMENT

H1348

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. 10
ROAD NORTHERN FREEWAY JOB No. 140/E003C/U04,2
LOCATION Grid Reference 124885E, 123223N RL DATUM B.C.C.
TYPE AND SIZE OF DRILLING 0.0-3.7' 2" Hollow
Auger; 3.7'-43.6' NMLC Diamond Drilling
DATE DRILLED 26-27th November, 1970.

COLLAR
GROUND SURFACE... 81.2
ROCK SURFACE
BOTTOM OF HOLE... 37.6
WATER TABLE... 74.2

DEPTH 1"= 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
			CLAYEY	drillers' log only		
3.7		3.8	GRAVEL			
3.8			SLIGHTLY WEATHERED	grey, very hard. coarse grained sedimentary rock: pebbles up to 1/2" diameter	A	S.P.T.
6.6	100	5.7	CONGLOMERATE	siliceous matrix joints 1-3 per foot subhorizontal or moderate angle		
11.6	85		HIGHLY WEATHERED	red ironstain-15 blows	B	S.P.T.
13.1		14.4	SHALE	ed grey, soft, fine grained sedimentary rock		
17.6	98		HIGHLY WEATHERED	bedding subhorizontal minor gravel bands up to 1" thick throughout		
20.6	86		CONGLOMERATE	breaks 1-3 per foot, generally along bedding		
22.6	100			5.7'-6.7' mudstone band		
26.2	95	26.4		8.4'-8.8' broken core 8.8-8.9'; 11.6'-11.7', 13.1'-13.3' conglomerate band		
28.1	88		HIGHLY WEATHERED	yellow ironstained grey, medium, coarse grained sedimentary rock		
32.5	100	31.8	SANDSTONE	bedding subhorizontal argillaceous cement pebbles up to 1/2" diameter		
			HIGHLY WEATHERED	14.4'-20-7', 22.7'-26.7' broken core		
			CONGLOMERATE	20.7'-22.7' black carbonaceous band showing 2-4 breaks per foot		

(continued)

DRILLER PLANT.....

REMARKS... *. 25. blows. for 0.1' penetration.....

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

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NORTHERN FREEWAY: DRILLING REPORT

PROJECT ALBION-KEDRON GEOTECHNICAL INVESTIGATION

PROJECT No. 2-53

DISTRICT No. SHIRE

HOLE No. 10. (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
35.3	50		HIGHLY WEATHERED CONGLOMERATE	grey, medium hard, fine to medium grained sedimentary rock: bedding subhorizontal		
40.3	13			shaley in part: breaks 1-3 per foot along bedding		
41.3	—			yellow ironstained 18 blows	C	S.P.T.
43.6	100		43.6	grey, hard, coarse grained sedimentary rock fragments up to 1/2" diameter broken core		
				END OF HOLE		

DRILLER J.C. K.A. S.S. PLANT

REMARKS

DATE 29/12/70
A. G. B. VANDERSTAY GEOLOGIST APPROVED. *[Signature]* DATE 27/1/71