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MAIN ROADS DEPARTMENT

H1347

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. 9A

ROAD NORTHERN FREEWAY JOB No. 140/EO030/U04.2

LOCATION Grid Reference 126034E, 123169N RL DATUM B.C.C.

PIPE AND SIZE OF DRILLING 0-45.4' 2" Hollow Auger, COLLAR 50.2
6.4'-56.6' BXM Diamond Drilling GROUND SURFACEDATE DRILLED 15-16th November, 1970, ROCK SURFACE
BOTTOM OF HOLE -6.4
WATER TABLE 45.2

DEPTH 1" = 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
2.5			CLAY	brown, soft, moist, highly organic slightly sandy in part sand fraction fine to medium grained		
3.8					A	Tube
4.0						
5.5					B	S.P.T.
7.0			CLAYEY GRAVEL	grey, medium, moist, gravel fraction 24 blows 3/8" diameter		
7.5						
9.0					C	Tube
10.5					D	S.P.T.
14.0						
15.5					F	S.P.T.
17.5			DECOMPOSED TUFF	dark violet to green, very stiff to hard, moist clayey throughout clay content decreasing with depth		
18.8						
19.0					G	Tube
20.5						
22.5					H	S.P.T.
23.8						
24.0					J	Tube
25.3						
27.5					K	S.P.T.
28.2						
29.0						
30.5					L	Tube
32.5						
32.9						
34.0					M	S.P.T.
35.5						
				50 blows	P	S.P.T.

(continued)

COLLER PLANT.....

MARKS.....

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

MAIN ROADS DEPARTMENT

H1347

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(P/4/66)

NORTHERN FREEWAY: DRILLING REPORT

PROJECT ALBION-KEDRON GEOTECHNICAL INVESTIGATION- PROJECT No. 2-53
DISTRICT No. SHIRE HOLE No. 9A (continued)

JOB No.

RL DATUM

COLLAR

GROUND SURFACE

ROCK SURFACE

BOTTOM OF HOLE

WATER TABLE

DEPTH 1"= 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
37.3			DECOMPOSED			
37.8					Q	Tube
39.0						
40.0			TUFF	* 45 blows	R	S.P.T.
				** 67 blows	T	S.P.T.
45.4		45.4				
47.7	89		HIGHLY	dark purple, medium.		
			WEATHERED	hard, fine to coarse		
50.4	61		TUFF	grained volcanic rock		
51.4	33			breaks 2-6 per foot,		
				generally subhorizontal		
54.9	86			clayey alteration in		
55.2	100			part		
56.6	94	56.6		55.2'-56.6' hard		
				band		
				END OF HOLE		

D.L. L.W.

DRILLER PLANT MRD GEMCO 9467

REMARKS... * 40. blows for 0.5' penetration

** 67 blows for 0.9' penetration

DATE 29/12/70

GEOLOGIST

APPROVED

DATE 12/12/71

A.G.B. VANDERSTAAY