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MAIN ROADS DEPARTMENT

H1349

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

DISTRICT No. 14 SHIRE BRISBANE CITY

ROAD NORTHERN FREEWAY

LOCATION Grid Reference 124714E, 123425N

PROJECT No. 2-53

HOLE No. 11

JOB No. 140/E003C/U04.2

RL DATUM B.C.C.

TYPE AND SIZE OF DRILLING O.Q-10.0' 2" Hollow
Auger, 10.0' 52.5' NMLC Diamond Drilling

DATE DRILLED 14-16th. November, 1970.

COLLAR

GROUND SURFACE 95.7

ROCK SURFACE 52.7

BOTTOM OF HOLE 43.2

WATER TABLE 90.9

DEPTH 1"= 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
			CLAYEY GRAVEL	drillers' log only		
			7.5			
9.0				red ironstained grey, medium hard, 70 blows*	B	S.P.T.
9.8			HIGHLY	fine grained, thinly bedded, sedimentary rock		
10.0			WEATHERED	bedding subhorizontal breaks 3-5 per foot along bedding		
12.0	47		SHALE			
			15.0			
17.0	100		HIGHLY	grey, soft, fine to coarse grained, tuffaceous sedimentary rock		
			WEATHERED	bedding subhorizontal breaks 2-4 per foot generally along bedding		
22.0	100		CONGLOMERATE	15.0'-17.0' broken core 22.0'-24.0' dark brown carbonaceous band		
			24.5			
27.0	100		HIGHLY	yellow ironstained grey, hard, fine to medium grained sedimentary rock		
			WEATHERED	bedding subhorizontal shaley in part		
32.0	100		SANDSTONE	breaks 3-7 per foot, generally along bedding		
			30.5			
			HIGHLY	minor high and intermediate angle joints: highly ironstained on joints		
			WEATHERED			
			CONGLOMERATE			

(continued)

DRILLER PLANT.
REMARKS. * 70 blows for 0.8' penetration

DATE GEOLOGIST APPROVED DATE

MAIN ROADS DEPARTMENT

Form 232L
(P/4/66)

NORTHERN FREEWAY: DRILLING REPORT

ALBION-KEDRON GEOTECHNICAL INVESTIGATION

PROJECT No. 2-53

HOLE No. 11 (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
37.0	100		HIGHLY WEATHERED CONGLOMERATE	yellow ironstained grey, hard, fine to coarse grained, sedimentary rock		
39.0	87			fragments up to 1" diameter		
42.5	100			argillaceous cement some interbedded sandstone/shale bands generally < 1"		
43.0			MODERATELY WEATHERED SANDSTONE	32.0'-32.5', 35.1'-37.1' sandstone/shale band		
47.5	100			grey, hard, fine to medium grained sedimentary rock		
52.5	100			bedding subhorizontal shaley and carbonaceous in part		
				43.0'-45.2' carbonaceous shale band		
				52.0'-52.5' conglomerate band		
				END OF HOLE		

J.C. K.A. S.S.

PLANT MRD GEMCO 10850

MARKS

29/12/70

GEOLOGIST G.B. Vanderstaay

APPROVED DATE 21.1.71