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H1215

WESTERN FREEWAY DRILLING REPORT
GEOTECHNICAL INVESTIGATION

PROJECT No. 2-75
DISTRICT No. 14 SHIRE BRISBANE CITY HOLE No. 14
Section TARINGA PDE. - JERRANG STREET JOB No. 140/E004G/U04.2
LOCATION. 107402 E 87130 N RL DATUM B.C.C.

TYPE AND SIZE OF DRILLING 0.0-5.8' 4" and 3"
Tricone Drilling; 5.8'-60.0' NMLC Diamond Drilling
DATE DRILLED 3-8th September, 1970.
COLLAR
GROUND SURFACE 122.6
ROCK SURFACE 87.3
BOTTOM OF HOLE 62.6
WATER TABLE 82.8

DEPTH 1"= 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE			
					No.	TYPE		
2.0			DECOMPOSED	ironstained brown, fine grained, soft, metamorphic rock				
2.6					A	Tube		
4.0			PHYLLITE	0.0-3.0' clay and quartz are only remnants of the rock				
4.3					B	Tube		
5.8					5.8			
9.0	95		MODERATELY WEATHERED	light grey, very hard, fine grained, metamorphic rock high quartz content				
12.0	64				PHYLLITE	joints 5-6 per foot at moderate angles joints highly ironstained brown		
14.5	100		14.5					
16.8	78		HIGHLY WEATHERED	grey to black, soft, fine grained, metamorphic rock cleavage throughout at moderate angles				
19.5	82				PHYLLITE	joints up to 3 per foot at low to moderate angles ironstaining on joints		
22.0	100	18.8'-19.5' } hard 21.7'-22.0' } bands 30.3'-31.6' }						
24.0	100							
27.0	100							
32.0	71							
34.8	55							

(continued)

DRILLER PLANT.....

REMARKS.....

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WESTERN FREEWAY DRILLING REPORT

PROJECT GEOTECHNICAL INVESTIGATION

PROJECT No. 2-75

DISTRICT No. SHIRE

HOLE No. 14. (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
37.0	93		MODERATELY WEATHERED PHYLLITE	grey to black, hard, fine grained, metamorphic rock cleavage at moderate angles joints 2-3 per foot at moderate to high angle joints ironstained yellow		
41.6	81					
43.0	82					
			44.5			
47.0	100		SLIGHTLY WEATHERED PHYLLITE	quartz veins up to 1/2" numerous throughout 14.0'-14.6' soft band grey to black, very hard, fine grained metamorphic rock cleavage at moderate angles joints up to 4 per foot at low angles: joints ironstained brown quartz veins to 4" numerous and contorted throughout		
52.0	100					
57.0	100					
60.0	100		60.0			
				END OF HOLE		

DRILLER C.G. R.G. L.H. PLANT MRD MINDRILL 9868

REMARKS

DATE 11/9/70 G. BASFORD GEOLOGIST APPROVED DATE 25/07/70