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H1227

DRILLING REPORT

WESTERN FREEWAY

PROJECT GEOTECHNICAL INVESTIGATION..... PROJECT No. ... 2-75.....

DISTRICT No. 14..... SHIRE BRISBANE CITY..... HOLE No. ... 31.....

SECTION TARINGA PARADE-JERRANG STREET..... JOB No. ... 140/E004G/U04.2.....

LOCATION..... 107650 E.. 89670 N..... RL DATUM B.C.C.

COLLAR 7.....

TYPE AND SIZE OF DRILLING .. 0.0-2.5' 3" and 4"..... GROUND SURFACE... 141.8....

Tricone Drilling; 9.5'-50.0' NMLC Diamond... ROCK SURFACE ... 121.3....

Drilling..... BOTTOM OF HOLE... 91.8....

DATE DRILLED .. 14-17th September, 1970..... WATER TABLE..... * N.T....

DEPTH 1"=5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
2.0			FILL	brown to light grey, slightly moist, medium, phyllite fragments in clay matrix phyllite component could be to boulder size		
2.9					A	Tube
4.0						
4.8					B	Tube
5.8						
7.8						
8.6					C	Tube
9.5						
12.0	0					
14.0	0	14.0				
17.0	58		HIGHLY	dark grey, medium hard, fine grained, metamorphic rock		
19.0	75		WEATHERED	cleavage at moderate angles		
			PHYLLITE	joints 1-2 per foot at moderate to high angles		
22.0	86		MODERATELY	joints ironstained red and clay infilled in parts		
25.5	100		WEATHERED	numerous quartz veins to 2" thick		
27.0	100		PHYLLITE	16.0'-17.0' hard band		
				dark grey, hard, fine grained metamorphic rock		
32.0	40			cleavage at moderate angles		
				joints 2 to 3 per foot at moderate to low angles		
				occasional near vertical joint		

(continued)


DRILLER PLANT.....

REMARKS... * N.T. - Hole caved in at 43.0' and no water table intersected

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WESTERN FREEWAY DRILLING REPORT

PROJECT GEOTECHNICAL INVESTIGATION..... PROJECT No. 2-75
DISTRICT No. 14..... SHIRE BRISBANE CITY..... HOLE No. 31 (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	95		MODERATELY WEATHERED PHYLLITE	all joints heavily ironstained red-yellow with minor clay in parts		
42.0	100			numerous quartz veins to 3 inches thick throughout		
44.0	100			29.0'-32.0' very soft clayey band; core lost		
47.0	100			40.0'-42.0' two near vertical ironstained joints, causing shattered core		
50.0	100					
				END OF HOLE		

C.G. R.G. L.H.

DRILLER..... PLANT. MRD. MINDRILL 9868

REMARKS.....

DATE 24/9/70 G. BASFORD..... GEOLOGIST..... APPROVED..... DATE 28/9/70