

COPYRIGHT NOTICE

This geotechnical log and its associated data (the Document) is licensed by the Queensland Department of Transport and Main Roads under the [Creative Commons Attribution 4.0 Licence](#) (CC BY 4.0). When reusing the Document, in whole or in part, please attribute the Department as follows: "*(c) State of Queensland (Department of Transport and Main Roads) 2020, licensed under the CC BY 4.0 Licence*". This licence does not apply to the Queensland Government logo or trademarks.

LIMITATION OF LIABILITY

The CC BY 4.0 Licence contains a comprehensive Disclaimer of Warranties and Limitation of Liability. In addition, please note that this Document was prepared for Departmental use only. Reuse of the Document by anyone for any other purpose could result in error and/or loss. You should obtain professional advice before making decisions based on the contents of the Document.

When reproducing any part of this Document, you must also reproduce this limitation of liability notice in addition to the italicised attribution statement above.

Retrieved from the Queensland Geotechnical Database <http://qgd.org.au/>

WESTERN FREEWAY DRILLING REPORT
GEOTECHNICAL INVESTIGATION

H1223

PROJECT No. 2-75

DISTRICT No. 14 SHIRE BRISBANE CITY HOLE No. 24

SECTION TARINGA PDE. - JERRANG ST. JOB No. 140/E0046/U04.2

LOCATION 108262 E 90421 N RL DATUM B.C.C.

TYPE AND SIZE OF DRILLING 0.0'-13.0' 2" Hollow Augering; 13.0'-28.1' NLC Diamond Drilling

DATE DRILLED 1-2nd October, 1970.




COLLAR -

GROUND SURFACE 116.7

ROCK SURFACE 92.0

BOTTOM OF HOLE 88.6

WATER TABLE 114.4

DEPTH 1" = 5'	% CORE REC.	DIAGRAM	STRATA	DESCRIPTION OF SOIL ROCK	SAMPLE	
					No.	TYPE
2.5			DECOMPOSED PHYLLITE	brown to dark grey, moist, dense, fine grained metamorphic rock		
3.5					A	Tube
4.5						
6.0				red-brown, ironstained patches 27 blows	B	S.P.T.
7.5						
8.5				relict cleavage still displayed	C	Tube
9.5						
10.3				* 45 blows	D	S.P.T.
13.0						
13.1				** 33 blows	E	S.P.T.
15.6	80		HIGHLY WEATHERED PHYLLITE	dark grey, medium hard, fine grained metamorphic rock		
18.1	93			cleavage at low to moderate angles		
				joints 3 to 4 per foot, moderate angles, ironstained brown		
23.1	92			18.8'-19.7') harder 21.0'-21.9') bands		
				16.5'-16.8') softer 17.3'-17.8') bands		
28.1	100		MODERATELY WEATHERED PHYLLITE	dark grey, hard, fine grained metamorphic rock		
				cleavage not apparent quartz veins numerous throughout: up to 1" thick up to 3 breaks per foot at moderate angles		
				END OF HOLE		

DRILLER B.T. G.L. I.M. PLANT MRD GEMCO 10455

REMARKS *45 blows recorded from 10.0' to 10.3' in depth

**33 blows recorded for 1" penetration

DATE 5/10/70 G. BASFORD GEOLOGIST APPROVED DATE 25/10/70

(c) State of Queensland (Department of Transport and Main Roads) 2020, CC BY 4.0. Please note copyright and limitation of liability notices on attached cover page.