

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/>



**Queensland
Government**

Department of
Main Roads

ENGINEERING BOREHOLE

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/3-2005

BOREHOLE No AH26

SHEET 1 of 1

REFERENCE No H9694

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Retaining Wall 5. About Chainage 100m, 8m right of control MCE1. COORDINATES 29876.3 E; 147284.4 N

PROJECT No FG5404 SURFACE R.L. 26.48 DATE STARTED 08/06/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 08/06/05 DRILLER Drillsure

DEPTH (m)	R.L. (m)	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	26.48				GRAVELLY SILT (Residual) Pale grey.					From drillers logs only.	
1	25.98				CLAYEY SANDSTONE Pale brown - grey, minor orange iron staining, fine grained, slightly moist. Engineering properties of dense Clayey Sand.	XW				17,18,18 N=36 MC=2.8%	SPT
	24.98				Becoming fine - medium grained.					11,13,16 N=29 MC=12.2%	SPT
2	24.53				SILTSTONE Pale grey with minor orange iron staining, minorsilt throughout. Engineering properties of hard Silty Clay.	HW				9,11,28 N=39 MC=13.6%	SPT
	24.36				CLAYEY SANDSTONE As before.	HW				Relict structure, very dense: 30/120mm N=50	SPT
Borehole terminated at 2.12m											
3											
4											
5											
6											
7											
8											
9											
10											

ENGINEERING BOREHOLE FG5404 - AUGER 6.9.05.GPJ QLD MAIN ROADS GDT 16/11/05

REMARKS No standing groundwater encountered at time of drilling.

LOGGED BY
JML