

## **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    AH21   

SHEET    1    of    1   

REFERENCE No    H9688   

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Near Retaining Wall 13. About Chainage 12740m, 21m left of control MC20. COORDINATES 28725.2 E; 146926.2 N

PROJECT No FG5404 SURFACE R.L. 11.55 DATE STARTED 07/06/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 07/06/02 DRILLER Drillsure

DEPTH (m)	R.L. (m)	AUGER	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS	
													EH
0	11.55												
11.45						<b>SILT</b> (Topsoil) Grey.					From drillers logs only.		
11.05						<b>GRAVELLY SILT</b> (Residual) Mottled grey-brown. Possibly XW rock.							
10.55						<b>SHALE</b> Pale grey, minor red iron staining. Engineering properties of very stiff Silty Clay.	XW				Relict structure visible.	6,9,13 N=22 18/50mm HB N>50	SPT
10.00						<b>SILTSTONE / SHALE</b> Similar above, slightly more silty. Dark red iron cementation in parts. Very dense.	HW				Trace organics (relict wood).	18/50mm HB N>50	SPT
Borehole terminated at 1.55m													
2													
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**