

## **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/>



# ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No BH34  
SHEET 1 of 1  
REFERENCE No H11082

PROJECT Moreton Bay Rail Link  
LOCATION Fill 18, Ch. 11000 COORDINATES 505668.7 E; 6989045.2 N  
PROJECT No FG5921 SURFACE R.L. 3.30m PLUNGE \_\_\_\_\_ DATE STARTED 30/6/11 GRID DATUM MGA94 Zone 56  
JOB No 250/120/3 HEIGHT DATUM AHD BEARING \_\_\_\_\_ DATE COMPLETED 30/6/11 DRILLER R&D Drilling Pty Ltd

DEPTH (m)	R.L. (m)	AUGER	RQD ( ) %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES	TESTS
0	3.30					<b>Silty SAND (Topsoil)</b> Red, moist, loose.  Minor gravel; plant material throughout.							Based on Driller's logs only		
1	2.30				A	<b>Silty CLAY (Residual)</b> Mottled red brown, moist, stiff.  Medium plasticity.  Iron staining throughout.	(Cl)						3,4,6 N=10	SPT	
2	1.30				B	<b>SANDSTONE</b> Fine to medium grained, massive, poorly cemented sedimentary rock mainly comprising sand sized particles <b>XW:</b> Generally exhibits engineering properties of off-white, moist, fine grained, medium dense, silty sand.							5,7,9 N=16	SPT	
3					C	Minor iron staining below 4m.	XW						3,8,8 N=16	SPT	
4					D							▽ 30/6/11	7,7,10 N=17	SPT	
5	-1.20				E	<b>HW:</b> Mottled red brown and yellow, moist, fine to medium grained, very dense silty sand.  Relict rock structure visible throughout.  Becoming yellow below 6m.	HW						22,30/150mm N>50	SPT	
6	-2.85				F	Borehole terminated at 6.15m							27/150mm N>50	SPT	
7															
8															
9															
10															

REMARKS \_\_\_\_\_

LOGGED BY  
LVD