COPYRIGHT NOTICE

This geotechnical log and its associated data (the Document) is licensed by the Queensland Department of Transport and Main Roads under the <u>Creative Commons Attribution 4.0 Licence</u> (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 ____BH37 ___

SHEET __1__ of __1__

REFERENCE No ___H11084 ___

PROJECT Moreton Bay Rail Link Fill 18, Ch.11300 COORDINATES 506915.6 E; 6988754.4 N LOCATION PROJECT No <u>FG5921</u> ____ DATE STARTED 22/6/11 GRID DATUM MGA94 Zone 56 SURFACE R.L. _ 2.60m PLUNGE _ _ _ _ JOB No 250/120/3 HEIGHT DATUM AHD BEARING DATE COMPLETED 22/6/11 DRILLER R&D Drilling Pty Ltd R.L. RQD INTACT DEFECT ADDITIONAL DATA G BORING STRENGTH **SPACING** ()% (m) DEPTH (m) **MATERIAL** AND **DESCRIPTION** TESTS CASIN CASIN WASH WEAT

WHAT

WHAT CORF **TEST RESULTS** nsc REC % 0 Clayey SAND(Topsoil) Based on Driller's logs only Dark grey brown, moist, loose. 1.60 Sandy CLAY (Residual) 2,1,3 SPT Grey brown, moist, mainly firm to stiff. Low plasticity. Sand fraction fine to medium grained. (CI) Heavily iron stained between 2.0 - 2.5m. 2.4.3 В SPT Contains high plasticity silty clay bands in | FG5821 MORETON BAY RAIL LINK GPJ <<DrawingFile>> Datgel CPT Tool gNt Add-In 06/10/2011 14/45 parts. -0.10 Fine to medium grained, massive, poorly cemented sedimentary rock mainly 3.7.8 SPT comprising sand-sized particles
XW: Generally exhibits engineering N=15 properties of yellow grey, moist, fine grained, medium dense clavey sand Contains high plasticity silty clay bands at XW base. 4.8.11 D SPT N=19 5,10,10 Е SPT N=20 -2.90 **CLAYSTONE** Fine grained sedimentary rock comprising mainly clay-sized particles XW: Generally exhibits engineering 12,28,30 properties of dark grey, moist, laminated, SPT N>50 hard silty clay. XW Relict rock fabric structure structure visible LIB_01A.GLB LOG A_ENGINEERING BOREHOLE LOGW LITHOLOGY throughout; minor iron staining in parts. 18,30/70mm,HB SPT -4.62 Borehole terminated at 7.22m LOGGED BY REMARKS_ BW