

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) 2026, 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**

GEOTECHNICAL AUGER BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS
REFER TO TMR FORM F:GEOT 017/10 - 2019

BOREHOLE No **AU07**

Sheet 1 of 1

REFERENCE No **H13460**

PROJECT Centenary Bridge Upgrade

LOCATION Northbound M5 Centenary Motorway, Jindalee to Kenmore COORDINATES 494796.58E; 6955362.13N

PROJECT No FG18012 SURFACE RL 24.72m PLUNGE 90° DATE STARTED 30/05/2019 GRID DATUM MGA94 56J

JOB No 498/05038 HEIGHT DATUM m AHD BEARING DATE COMPLETED 30/05/2019 DRILLER All Tech Drilling

DEPTH (m)	R.L. (m)	AUGER SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	GROUP SYMBOL / WEATHERING	Dynamic Cone Penetrometer (DCP) Blows Per 100mm				ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
						5	10	15	20		
0.05	24.67		ASPHALT (FILL)								
0.15	24.57		Sandy GRAVEL (FILL) grey, dry, very dense. fine grained gravel, angular grains. fine grained sand.		(GP)						
0.50			Silty Sandy GRAVEL (FILL) grey, dry, very dense. medium to coarse grained gravel, sub-angular to sub-rounded grains. fine to medium grained sand.		(GW -GM)						
0.70	24.02		ARGILLITE (Dcf) XW: recovered as orange-brown and pale grey, hard, Sandy CLAY with gravel, 41% low plasticity clay, 40% fine to medium grained sand, 19% fine grained gravel, angular grains.								
1.00											
1.50											
2.00					XW						
2.50											
3.00	21.72										

LL= 34% PI= 17%
MC= 6% LS= 5%
WPI=901
<75µm= 41%
CBR= 1.5%

Borehole completed at 3.00 m.

REMARKS Original asphalt at test location removed by excavator mounted profiler.
Test location backfilled with compacted Type 2.3 material, compacted hot mix asphalt and joint sealant

LOGGED BY

REVIEWED BY

H. Menon

S. Foley