

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 and author as follows: "*(c) State of Queensland (Department of Transport and Main Roads) 2020, licensed under the CC BY 4.0 Licence, prepared by Arup*". This licence does not apply to logos 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://ggd.org.au/>

This log has been contributed to the Queensland Geotechnical Database with the permission of Arup.

BOREHOLE RECORD

SHEET 1

HOLE BH101

OF 2

PROJECT South West Arterial

LOGGED BY PBF

DATES 16/7/99

CONTRACTOR SP & KF Christensen Pty Ltd

ANGLE Vertical

GROUND LEVEL RL 39.9

DRILL MODEL Jacro 350

BEARING

EASTING 490 375.3

MOUNTING Truck (4x4)

DIAMETER

NORTHING 938 620.5

DRILLING	STRATA		MATERIAL DESCRIPTION	CONDITION		OBSERVATION			
	R.L.	DEPTH		CONSISTENCY					
SAMPLE, TEST, BIT, SUPPORT, ETC.	AHD	m	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER / MOISTURE	CONSISTENCY		SOIL ORIGIN, STRUCTURE, ETC.		
					COHESIVE	NON COHESIVE			
				VS	ST	VL	MD	VD	
			Silty CLAY (CH): Brown, high plasticity						RESIDUAL
SPT @ 1.5m 4/5/5 N=10		1.5	CLAY (CH): Brown mottled grey, medium to high plasticity, some silty bands						
SPT @ 3.0m 3/6/8 N=14		3	Sandy CLAY (CL): Grey mottled orange brown, medium plasticity, fine grained sand						
SPT @ 4.5m 8/11/13 N=24		4.3 4.5	becoming sandier	M					
SPT @ 6.0m 0/9/18 N=27		5.2	SAND (GW): Medium grained, some clay and gravel, moist						
SPT @ 7.5m 6/11/15 N=26		7.5	CLAY/SILTSTONE: Grey mottled orange brown, hard, extremely weathered						XW SILTSTONE
SPT @ 9.0m 9/14/9 N=33		9	SILTSTONE: Brown mottled grey and orange, extremely weathered						

NOTES Water Table located at 4.3m below GL.

JOB

11613

CORED BOREHOLE RECORD

HOLE **BH101**

PROJECT South West Arterial

LOGGED BY PBF
DATE/S 19/7/99

CONTRACTOR SP & KF Christensen Pty Ltd ANGLE Vertical
DRILL MODEL Jacro 350 BEARING
MOUNTING 4WD Truck DIAMETER NMLC

GROUND LEVEL RL 39.9
NORTHING 938 620.5
EASTING 490 375.3

DRILLING		STRATA		MATERIAL DESCRIPTION				DISCONTINUITIES				
RUN REC. (%)	WATER	SAMPLE TEST	R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH	FREQUENCY (per mm)	SPECIFIC		GENERAL DESCRIPTION
			AHD	m						TYPE	ANGLE THICKNESS (mm)	
50%												
100%		Is50= 0.06MPa		11.15		SILTSTONE: Grey, very low to low strength	XW					
81%				11.35								
		Is50= 0.08MPa		12.15		SILTSTONE: Grey mottled red brown, low strength	DW					
100%				12.20								
				13		End BH101 at 13.0m						
				14								
				15								
				16								
				17								
				18								
				19								
				20								

NOTES

- TYPE OF DISCONTINUITY
- Jo JOINT
 - Be BEDDING PLANE PARTING
 - Fo FOLIATION PARTING
 - Cl CLAY SEAM
 - We WEATHERED SEAM
 - Cr CRUSHED SEAM
 - Sh SHEARED ZONE

JOB

11613



BOREHOLE 101

PLATE No. 1