

## **COPYRIGHT NOTICE**

This geotechnical log and its associated data (the Document) is licensed by Queensland University of Technology under the [Creative Commons Attribution 4.0 Licence](#) (CC BY 4.0). When reusing the Document, in whole or in part, please attribute as follows: "(c) *Queensland University of Technology 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 Queensland University of Technology 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/>

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

# BOREHOLE RECORD

HOLE BH1

SHEET 1

OF 2


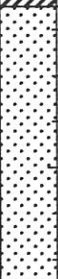


PROJECT QUT U Block

LOGGED BY MS  
DATES 18/12/98

CONTRACTOR Paddy Christensen Drilling  
DRILL MODEL Jacro 350  
MOUNTING 4WD Truck

ANGLE Vertical  
BEARING  
DIAMETER

GROUND LEVEL  
EASTING  
NORTHING

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION		OBSERVATION									
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER / MOISTURE	CONSISTENCY										SOIL ORIGIN, STRUCTURE, ETC.
	AHD	m					COHESIVE					NON COHESIVE					
							VS	SL	ST	VST	HL	VL	LL	MO	DO	UN	
Auger Drilling		0.3	SP		Clayey Loam: Dark brown with rootlets	M											TOPSOIL
		1															
		1.5	CH SC		SAND: Light brown, trace of clay												
SPT @ 1.5m 1/2/2 N=4		2															
		3															
SPT @ 3m 1/0/1 N=1		4	CH		Grading to Sandy CLAY: Grey with slight orange mottling, high plasticity, with fine grained sand Interbedded with SAND: fine grained	W											
		4.3															
SPT @ 4.5m 3/10/28 N=38		4.5															
		5	CH SC		Grading to CLAY: Grey mottled orange, medium to high plasticity												FAULT ZONE MATERIAL
		6															
		6.3															
		6.5															
		6.8															
		7															
		7.3															
		7.5															
		7.8															
		8															
		8.3															
		8.5															
		8.8															
		9															
		9.3															
		9.5															
		9.8															
		10															
		10.3															
		10.5															
		10.8															
		11															
		11.3															
		11.5															
		11.8															
		12															
		12.3															
		12.5															
		12.8															
		13															
		13.3															
		13.5															
		13.8															
		14															
		14.3															
		14.5															
		14.8															
		15															
		15.3															
		15.5															
		15.8															
		16															
		16.3															
		16.5															
		16.8															
		17															
		17.3															
		17.5															
		17.8															
		18															
		18.3															
		18.5															
		18.8															
		19															
		19.3															
		19.5															
		19.8															
		20															
		20.3															
		20.5															
		20.8															
		21															
		21.3															
		21.5															
		21.8															
		22															
		22.3															
		22.5															
		22.8															
		23															
		23.3															
		23.5															
		23.8															
		24															
		24.3															
		24.5															
		24.8															
		25															
		25.3															
		25.5															
		25.8															
		26															
		26.3															
		26.5															
		26.8															
		27															
		27.3															
		27.5															
		27.8															
		28															
		28.3															
		28.5															
		28.8															
		29															
		29.3															
		29.5															
		29.8															
		30															
		30.3															
		30.5															
		30.8															
		31															
		31.3															
		31.5															
		31.8															
		32															
		32.3															
		32.5															
		32.8															
		33															
		33.3															
		33.5															
		33.8															
		34															
		34.3															
		34.5															
		34.8															
		35															
		35.3															
		35.5															
		35.8															
		36															
		36.3															
		36.5															
		36.8															
		37															
		37.3															
		37.5															
		37.8															
		38															
		38.3															
		38.5															
		38.8															
		39															
		39.3															
		39.5															
		39.8															
		40															
		40.3															
		40.5															

## NOTES

1. Groundwater encountered at approximately 2m

JOB

66/687

# BOREHOLE RECORD

HOLE BH1

SHEET 2

OF 2

PROJECT QUT U Block

LOGGED BY MS  
DATES 18/12/98

CONTRACTOR Paddy Christensen Drilling  
DRILL MODEL Jacro 350  
MOUNTING 4WD Truck

ANGLE Vertical  
BEARING  
DIAMETER

GROUND LEVEL  
EASTING  
NORTHING

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION	OBSERVATION										
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER / MOISTURE	CONSISTENCY										SOIL ORIGIN, STRUCTURE, ETC.
	AHD	m					COHESIVE					NON COHESIVE					
							VS	SL	ST	ST	HL	VL	LD	MD	VD		
SPT @ 6m 11/27/30 N=57			CH		Grading to mostly Sandy CLAY: Grey, medium plasticity, with fine grained sand, occasional pockets of high plasticity grey clay and decayed organic material												
Wash Boring		6.9			Driller noted occasional gravelly bands												
SPT @ 7.5m 7/13/16 N=29		7.5															
		8															
		8.2			Driller noted harder material at 8.2m												
SPT @ 8.47m 16/30/75mm N=R Hammer Bouncing		8.47			Grading to Silty Sandy CLAY: White to light grey, low to medium plasticity with medium rounded gravel TC Bit refusal at 8.47m												
		9			Rock Roller Bit Refusal at 8.65m Start of Coring at 8.65m Refer Cored Borehole Logs												
		10															
		11															
		12															

NOTES 1. Groundwater encountered at approximately 2m

JOB

66/687



