

## **COPYRIGHT NOTICE**

This geotechnical log and its associated data (the Document) is licensed by the Queensland Department of Housing and Public Works 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 Housing and Public Works) 2023, 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 BH102 OF 1

PROJECT PRINCESS ALEXANDRA HOSPITAL REDEVELOPMENT

LOGGED BY JFT  
DATES 5/11/96

CONTRACTOR SP & KF Christensen Pty Ltd  
DRILL MODEL Jacro 350  
MOUNTING 4WD truck

ANGLE 90 degrees  
BEARING  
DIAMETER 90mm

GROUND LEVEL 30.2m AHD  
EASTING  
NORTHING

DRILLING	STRATA		GROUP SYMBOL	LEGEND	MATERIAL DESCRIPTION	WATER / MOISTURE	CONDITION										OBSERVATION		
	SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.					DEPTH	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	CONSISTENCY										
		AHD					m		COHESIVE					NON COHESIVE					SOIL ORIGIN, STRUCTURE, ETC.
						VS	SL	ST	VS	HL	VL	ML	DL	XD					
		29.95	0.25		FILL: blacktop and roadbase Gravel.	D										FILL			
					FILL: orange brown gravelly Sand.	D													
		29.5	0.7		FILL: red brown gravelly sandy Clay.	M													
		29.2	1.0		SANDSTONE: mottled light grey and red brown clay- bound fine to medium angular quartzitic gravel, extremely low strength, extremely weathered, with occasional coarse sized angular gravel.											XW COAL MEASURES			
SPT:38/30 blows for 75mm			2																
			3																
		26.7	3.5		Very dense band of gravel from 3.2m to 3.5m below ground level.														
			4		MUDSTONE: light grey, silty, with occasional orange brown bands. Extremely low strength, extremely weathered.														
SPT:12/20/30 blows for 80mm		25.4	4.8		SANDSTONE: mottled light grey, red brown and orange brown claybound fine to coarse angular quartzitic gravel, extremely low strength, extremely weathered.														
		24.7	5.5		Band of light grey brown SILTSTONE.														
50 blows for 130mm		24.2	6.0		Occasional angular/subangular cobbles with depth.														
			7																
SPT:31/30 blows for 50mm			8		Very dense gravel as above.														
		21.7	8.5		MUDSTONE: mottled light grey and brown, slightly silty extremely weathered, extremely low strength.														
			9																
		20.2	10-10.0																

- NOTES
- 1) No groundwater encountered during drilling.
  - 2) Borehole auger drilled.
  - 3) Ground level estimated from Donald Thallon (Surveys) P/L drawings.

JOB  
**9545/1**