

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) 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://qgd.org.au/>

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

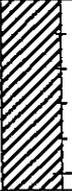
PROJECT Cairns Convention Centre Stage II

 LOGGED BY AE/RD
DATES 16/7/98

 CONTRACTOR Walker Drilling
DRILL MODEL DB1000
MOUNTING Truck

 ANGLE 90
BEARING
DIAMETER 100mm

 GROUND LEVEL RL 102m (CCDMD)
EASTING 572.32
NORTHING 2004.15

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	HT	VL	LL	MD	CO	SD				
		100.9	1.1			Angular Gravelly Sandy FILL. Brown.												FILL		
V=13.7/7.1			2			Soft Silty CLAY. Some organic material observed.												HOLOCENE MARINE DEPOSITS		
V=10.5/2.1			3																	
V=15.1/2.8			4																	
			5																	
		96	6	6		Traces of shell fragments.														
V=18.5/7.3			7																	
			8																	

NOTES

- Auger 0.0m to 5.0m
- Wash Drilling from 5.0m
- Casing from 0.0m to 11.3m
- V=Vane Shear Test Peak/Residual Strength (kPa)

JOB

62/619

BOREHOLE RECORD

SHEET 2

HOLE BH201

OF 4

PROJECT Cairns Convention Centre Stage II

LOGGED BY AE/RD

DATES 16/7/98

CONTRACTOR Walker Drilling
DRILL MODEL DB1000
MOUNTING Truck

ANGLE 90
BEARING
DIAMETER 100mm

GROUND LEVEL RL 102m (CCMD)
EASTING 572.32
NORTHING 2004.15

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION		OBSERVATION								
	SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	LEGEND		WATER / MOISTURE	CONSISTENCY									
		AHD	m				COHESIVE		NON COHESIVE							
						VS	S	ST	VST	H	VL	J	MD	OD	VD	
		93.5	8.5		Stiff mottled grey and brown Sandy CLAY.											PLEISTOCENE SEDIMENTS
SPT:6/6/9 N*=15			9													
			10													
SPT:7/10/15 N*=25		91.5	10.5		Light grey, very Sandy CLAY. Traces of quartz gravel observed.											
			11													
SPT:8/11/13 N*=24		90	12.0		Grey, very Sandy CLAY, as noted above.											
			13													
		88.8	13.2		Stiff CLAY layer											
SPT:8/12/15 N*=27		88.7	13.3		Very stiff, mottled light grey and orange-brown, Sandy CLAY.											
			14													
		87	15.0		Stiff, light grey very Sandy CLAY.											
SPT:2/4/8 N*=8		86.8	15.2		Stiff Sandy CLAY, orange-brown and light grey.											
			16													

NOTES

1. Auger 0.0m to 5.0m
2. Wash Drilling from 5.0m
3. Casing from 0.0m to 11.3m
4. V=Vane Shear Test Peak/Residual Strength (kPa)

JOB

62/619

PROJECT	Cairns Convention Centre Stage II	LOGGED BY	AE/RD
		DATES	16/7/98
CONTRACTOR	Walker Drilling	ANGLE	90
DRILL MODEL	DBI000	BEARING	
MOUNTING	Truck	DIAMETER	100mm
		GROUND LEVEL	RL 102m (CCDMD)
		EASTING	572.32
		NORTHING	2004.15

DRILLING	STRATA		GROUP SYMBOL	LEGEND	MATERIAL DESCRIPTION	WATER / MOISTURE	CONSISTENCY		OBSERVATION						
	SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.					DEPTH	SOIL TYPE		COHESIVE	NON COHESIVE	SOIL ORIGIN, STRUCTURE, ETC.			
	AHD	m			Colour, Plasticity, Grain Size, Minor Components	VS	SL	ST	VST	H	VL	LM	CO	VD	
					Very stiff, Silty CLAY mottled grey and brown.										
SPT:6/8/13 N*=21	83.5	16.5													
		17													
		18													
SPT:6/9/13 N*=22		18													
		19													
		20													
		21													
SPT=6/8/13 N*=21		21													
		22													
	78	22			Very Sandy CLAY. Mottled light grey and orange-brown. Very Stiff.										
		23													
		24													

NOTES

1. Auger 0.0m to 5.0m
2. Wash Drilling from 5.0m
3. Casing from 0.0m to 11.3m
4. V=Vane Shear Test Peak/Residual Strength (kPa)

JOB

62/619

BOREHOLE RECORD

HOLE BH201

SHEET 4
OF 4

PROJECT Cairns Convention Centre Stage II

LOGGED BY AE/RD
DATES 16/7/98

CONTRACTOR Walker Drilling
DRILL MODEL DB1000
MOUNTING Truck

ANGLE 90
BEARING
DIAMETER 100mm

GROUND LEVEL RL 102m (CCDMD)
EASTING 572.32
NORTHING 2004.15

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION		OBSERVATION		
	SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	LEGEND		SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER / MOISTURE		CONSISTENCY	
		AHD	m						COHESIVE	NON COHESIVE
SPT=9/10/14 N*=24										
	77	25			Medium dense, Clayey SAND, orange-brown with some grey-brown tonings. Fine grained sand.					
		26								
		27								
SPT=8/12/15 N*=27										
		28								
		29								
SPT=11/16/22 N*=38	72	30			SAND, some clay. Coarse sand, orange to yellow-brown and grey. Dense.					
	69.55	30.45			End of Borehole BH201 at 30.45m					
		31								
		32								

NOTES

1. Auger 0.0m to 5.0m
2. Wash Drilling from 5.0m
3. Casing from 0.0m to 11.3m
4. V=Vane Shear Test Peak/Residual Strength (kPa)

JOB

62/619