

## **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) 2020, 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/>



# ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/0-1998

BOREHOLE No : 131  
 SHEET : 1 OF 4  
 REFERENCE No : H8648

PROJECT : BRISBANE PORT ROAD STAGE 3  
 LOCATION : 48660.4E 35713.4N  
 PROJECT No : C60323 SURFACE R.L. : 2.48 DRILLER : FOUNDRIL PTY LTD  
 JOB No : DATUM : AHD DATE DRILLED : 25/11/99

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE DRILLING CASING OTHER	RQD (%) CORE REC%	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH				DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
						EH	VH	H	M	VL	20	60	200			
0	2.48			ROCKFILL Consisting brown to dark grey, clayey gravelly fill.												
1	1.08													Driller's log only. 25/11/99		
2	-0.02															
3				ESTUARINE SILTY CLAY Dark grey, moist to wet, sensitive to very sensitive, soft.  Minor organic content and sand lenses throughout.										Peak= 19.5kPa Res= 1.2kPa	FSV	
5														MC=25.6% WD=1.76; DD=1.40; LL=56.6% PI=24.0% LS=16.0%	U99	
6					OH											
8														Peak= 12.0kPa Res= 2.4kPa	FSV	

REMARKS :

LOGGED BY  
PH/DM/DISS

PROJECT : BRISBANE PORT ROAD STAGE 3  
 LOCATION : 48660.4E 35713.4N  
 PROJECT No : C60323 SURFACE R.L. : 2.48 DRILLER : FOUNDRIL PTY LTD  
 JOB No : DATUM : AHD DATE DRILLED : 25/11/99

DEPTH (m)	R.L. (m)	AUGER DRILLING CORE DRILLING CASING OTHER	RQD (%)	CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH				DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
								EH	VH	H	M	VL	20	60	200			
10	-7.52					ESTUARINE SILTY CLAY (As above).										MC=46.4% WD=1.64; DP=1.12; LL=65.2% PI=35.8% LS=16.2%	U99	
11							OH										RW, N<1 SPT	
12	-9.52					SILTY SAND Dark grey to grey brown, wet, very loose (top) to medium dense (bottom).  Fine grained sand with high organic content.										Peak = 54.0kPa Res = 0.9kPa	FSV	
13							SM									1, 1/300, N=1	SPT	
14																		
15																1, 3, 8 N=11	SPT	
16						ALLUVIAL SANDY SILTY CLAY Pale grey, orange to mottled brown, moist to mainly dry firm to hard towards bottom.  Low plasticity; fine grained sand; appears to have been subjected to aerial oxidation and desiccation; frequent concreted zones.											3, 4, 7 N=11	SPT
17																		
18							OL									1, 5, 8 N=13	SPT	
19																1, 3, 6 N=9	SPT	
20																		

REMARKS :

LOGGED BY

PH/DM/DISS

# ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/0-1998

BOREHOLE No : 131  
 SHEET : 3 OF 4  
 REFERENCE No : H8648

PROJECT : BRISBANE PORT ROAD STAGE 3  
 LOCATION : 48660.4E 35713.4N  
 PROJECT No : C60323 SURFACE R.L. : 2.48 DRILLER : FOUNDRIL PTY LTD  
 JOB No : DATUM : AHD DATE DRILLED : 25/11/99

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE CASING OTHER	RQD (%)	CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS	
													CU
20	-17.52					ALLUVIAL SANDY SILTY CLAY. (As above).							
21											3, 5, 9 N=14	SPT	
22							OL				5, 8, 10 N=18	SPT	
23											Driller's record only		
24											10, 12, 21 N=33	SPT	
25	-22.02					SILTY SAND Grey brown, moist, medium dense.  Medium grained sand.							
26	-23.42					PROBABLE ANDESITE/BASALT FINE TO MEDIUM GRAINED MASSIVE BASIC EXTRUSIVE IGNEOUS ROCK. XW : (Driller's record only)							
27	-24.02					HW : Dark grey to green brown, low to medium strength corestones and rock kernels in minor sandy silty matrix.  Becoming better quality rock downwards; vesicular texture throughout.						13, 33, 30/110 N>50	SPT
28	-25.47					SANDSTONE MEDIUM TO COARSE GRAINED, LAMINATED TO MASSIVE SEDIMENTARY ROCK.  HW : Dark brown to orange brown, low to medium strength corestones and rock kernels in silty sandy matrix.							
29	-26.92				(30) 100	(POSSIBLE BAXED/TRANSITION ZONE)							
30						SW : White to pale grey, medium to coarse grained, medium to high strength, calcareous and slightly carbonaceous laminated.						Is(50)=1.03MPa	o

REMARKS : X - Diametrial point loads; O - Axial point loads.

LOGGED BY

# ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND  
SYMBOLS REFER FORM F:GEOT 017/0-1998

BOREHOLE No : 131  
SHEET : 4 OF 4  
REFERENCE No : H8648

PROJECT : BRISBANE PORT ROAD STAGE 3  
LOCATION : 48660.4E 35713.4N  
PROJECT No : C60323 SURFACE R.L. : 2.48 DRILLER : FOUNDRIL PTY LTD  
JOB No : DATUM : AHD DATE DRILLED : 25/11/99

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE CASING OTHER	RQD (%)	CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH				DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
								EH	VH	H	M	VL	20	200	600			
30	-27.52					SW : (As above).	SW									Is(50)=1.29MPa	X	
31	-28.02					FR : Pale grey to white, medium to coarse grained, high to very high strength, massive to laminated.  Frequent carbonaceous interbands.	Fr									Is(50)=6.70MPa Is(50)=4.16MPa	O X	
	-29.12		(100)	100		END OF HOLE										Is(60)=0.57MPa	X	
32																		
33																		
34																		
35																		
36																		
37																		
38																		
39																		
40																		

REMARKS : X - Diametrial point loads; O - Axial point loads.

LOGGED BY  
PH/DM/DISS

BRISBANE PORT ROAD - STAGE 3

H8648  
BH 131  
2 OF 2

START 26.90  
END 31.60  
NOV 1999

C 60323

