

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 BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No BH21
SHEET 1 of 3
REFERENCE No 11855

PROJECT Jingi Jingi Creek Bridgesite Investigation
LOCATION Pier 13 - Left Hand Side COORDINATES 286999.4 E; 7024334.9 N
PROJECT No FG6169 SURFACE R.L. 315.31m PLUNGE DATE STARTED 23/7/10 GRID DATUM MGA 94 Zone 56
JOB No 222/18C/5 HEIGHT DATUM AHD BEARING DATE COMPLETED 23/7/14 DRILLER North Coast Drilling

DEPTH (m)	R.L. (m)	WASH BORING	RQD () %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING							DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS		
									EH	VH	H	M	J	VL	EL					EC	VC
0	315.31					Washbored to 9.00m without SPT testing. Assumed to be Alluvium.															
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9.00	306.31				A	CLAYSTONE (J_Kk) XW: Recovered as grey, brown, yellow, moist, hard, silty clay. Medium plasticity.	XW													7,20,21 N=41	SPT
10																					

REMARKS J_Kk = Kumbarilla Beds
 BH21 was an extra hole drilled to confirm bedrock depth.

LOGGED BY
MS

ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No BH21
SHEET 2 of 3
REFERENCE No 11855

PROJECT Jingi Jingi Creek Bridgesite Investigation
LOCATION Pier 13 - Left Hand Side COORDINATES 286999.4 E; 7024334.9 N
PROJECT No FG6169 SURFACE R.L. 315.31m PLUNGE DATE STARTED 23/7/10 GRID DATUM MGA 94 Zone 56
JOB No 222/18C/5 HEIGHT DATUM AHD BEARING DATE COMPLETED 23/7/14 DRILLER North Coast Drilling

DEPTH (m)	R.L. (m)	WASH BORING	RQD () %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING											DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
									EH	VH	EH	HM	JL	VL	EL	EC	VC	WC	WV				
10	305.31				B	CLAYSTONE (J_Kk) XW: (Cont'd) Colour change to white, cream. Mainly medium plasticity.			XW													17,30/140mm	SPT
11				C	17,21,26 N=47																	SPT	
12				D	20,28,30/110																	SPT	
13				E	21,29,30/110mm																	SPT	
14				F	21,29,30/100mm																	SPT	
15				G	17,30/130mm																	SPT	
16				H	19,30/140mm																	SPT	
17																							
18																							
19																							
20						19.50m: Becoming medium to high plasticity.																	

REMARKS J_Kk = Kumbarilla Beds
 BH21 was an extra hole drilled to confirm bedrock depth.

LOGGED BY
MS

ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No BH21
SHEET 3 of 3
REFERENCE No 11855

PROJECT Jingi Jingi Creek Bridgesite Investigation
LOCATION Pier 13 - Left Hand Side COORDINATES 286999.4 E; 7024334.9 N
PROJECT No FG6169 SURFACE R.L. 315.31m PLUNGE DATE STARTED 23/7/10 GRID DATUM MGA 94 Zone 56
JOB No 222/18C/5 HEIGHT DATUM AHD BEARING DATE COMPLETED 23/7/14 DRILLER North Coast Drilling

DEPTH (m)	R.L. (m)	WASH BORING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING							DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
									EH	VH	H	M	J	VL	EL				
20	295.31				J	CLAYSTONE (J_Kk) XW: (Cont'd) Medium plasticity. 24.00m: Colour change to pale grey. Mainly low to medium plasticity.												29,30/110mm	SPT
21					K													18,30/140mm	SPT
22					L													22,30/140mm	SPT
23					M													21,28,21 N=49	15
24					N													23,24,26 N=50	SPT
25					P													22,30/110mm	SPT
26					Q	17,22,30/140mm	SPT												
27																			
28																			
29																			
29.44	285.87					Borehole terminated at 29.44m.													
30																			

REMARKS J_Kk = Kumbarilla Beds
 BH21 was an extra hole drilled to confirm bedrock depth.

LOGGED BY
MS