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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH2B
 SHEET 1 of 5
 REFERENCE No 11599

PROJECT Mt Whitestone: Slope Instability Investigation - Preliminary Inclinator Boreholes
 LOCATION Gatton-Clifton Rd, RHS table drain (Middle) Ch 15.225km COORDINATES 416203.8 E; 6937825.4 N
 PROJECT No FG6128 SURFACE R.L. 215.47m PLUNGE DATE STARTED 16/6/14 GRID DATUM MGA94
 JOB No HEIGHT DATUM AHD BEARING DATE COMPLETED 18/6/14 DRILLER Hinterland Drilling

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	WEATHERING		INTACT STRENGTH (AS1728)	DEFECT SPACING (AS1728)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
								USC	EH					
0	215.47					Sandy CLAY (COLLUVIUM) Orange brown, moist, very stiff to hard. Intermediate to high plasticity.								
1					A	Sand is fine to medium grained. Iron stained throughout. High strength rock fragments up to 40mm in size.								
2					B								4, 10, 15; LL = 24; LS = 7.6	SPT
3														
4														
5					C		(C1)						6, 14, 17; LL = 25; PI = 14; LS = 8.4; MC = 17.1%	SPT
6														
7														
8					D								11, 30/130mm; LL = 32; PI = 19; LS = 10; MC = 14.7%	SPT
9														
10														

REMARKS *Load cell used does not comply with the test method requirements.

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BOREHOLE No	BH2B
SHEET	<u> 2 </u> of <u> 5 </u>
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TMR LIBRARY FILE 2014.GLB Log A_ENG BOREHOLE LOG W LITHOLOGY FG6128 MT WHITESTONE COMBINED.GPJ <<DrawingFile>> Datgel CPT Tool gInt Add-In 11/11/2015 15:25

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD () %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING											GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES	TESTS							
									EH	VH	HM	JL	VL	EL	VC	WC	WV	WV	EW					EW						
10	205.47					Sandy CLAY (COLLUVIUM) (Cont'd) As before.	(C)																		17,27,30	SPT				
11	204.37					Sandy CLAY with Cobbles and Boulders (COLLUVIUM) Orange brown, moist. Generally comprises a hard Sandy Clay of intermediate plasticity which contains a mix of high strength cobbles and boulders up to 230mm size.	(C)																			UCS=11.2MPa				
12			100																											
13			100																										Sandstone boulder	
14			97																										Sandstone boulder	
15			100																										Small water loss	
16																											Fracture at 40° planar, polished, tight & clean			
17																											Small circulation loss			
18																											Soft clay layer with rock fragments			
19																											Fracture at 50° planar, polished, tight & clean			
20																											Fracture at 35° planar, polished, tight & clean Fracture at 40° planar, polished, tight & clean Fracture at 20° planar, polished, tight & clean			

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BOREHOLE No BH2B

SHEET 5 of 5

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									EH	VH					
40	175.47					Interbedded SILTSTONE and SANDSTONE SW: (Cont'd) As before.	SW						Inclinometer installed	Siltstone with carbonaceous pockets (possible fossil rootlets)	
			100												
	173.77					Borehole terminated at 41.7m									
42															
43															
44															
45															
46															
47															
48															
49															
50															

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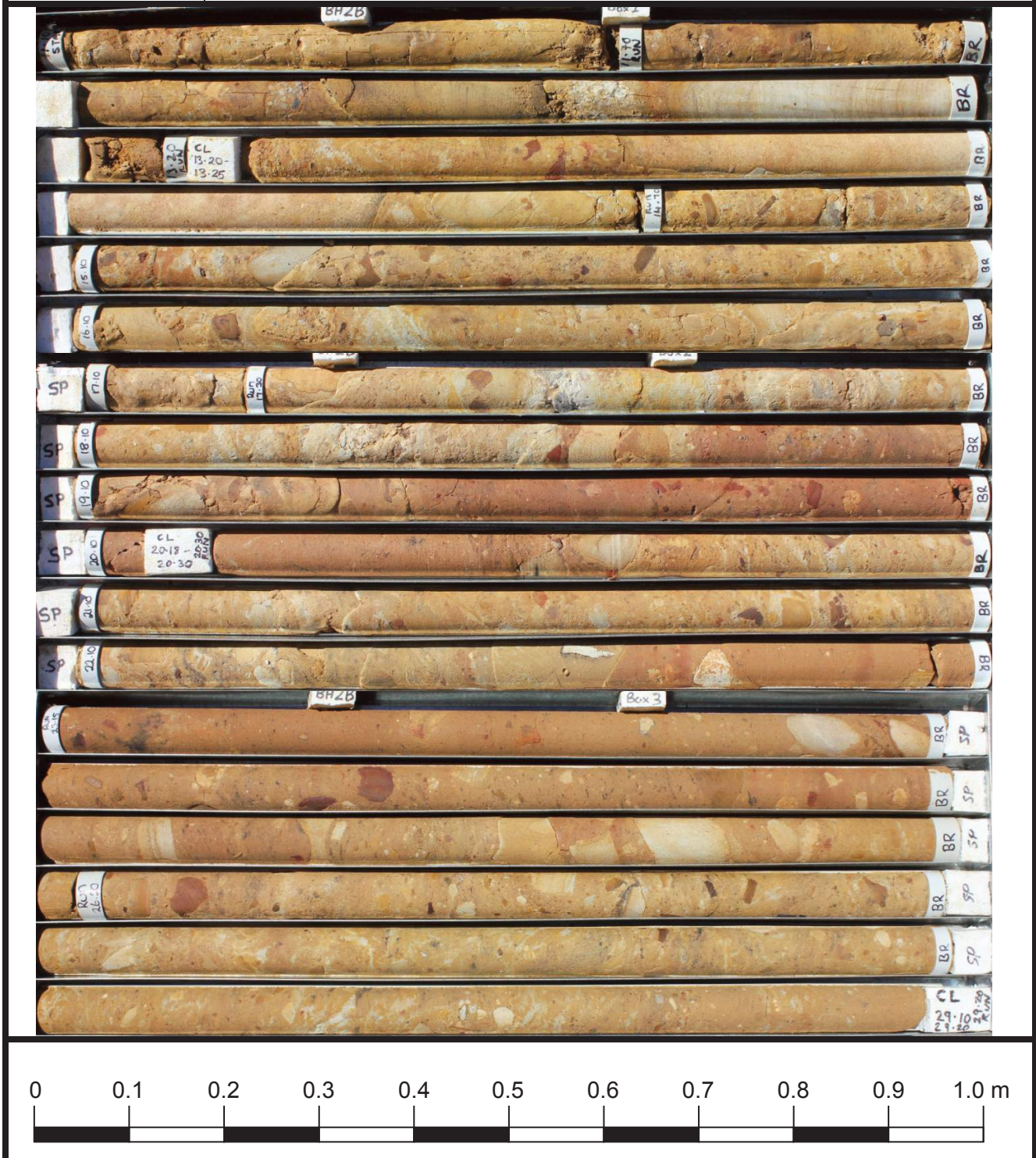
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CORE PHOTO LOG

DEPARTMENT OF TRANSPORT AND MAIN ROADS
 Geotechnical Section
 35 Butterfield Street, Herston Qld 4006
 Phone 07 3066 3336



Project Name	Mt Whitestone: Slope Instability Investigation, Supp. Inclinator Boreholes		
Project No.	FG6128	Date	23/6/14
Borehole No.	BH2B	TMR H No.	H11599
Location	Gatton-Clifton Rd	Start Depth (m)	8.70m
Detail	RHS table drain	Finish Depth (m)	41.65m
Chainage	Ch 15.225km	Prepared By	TAH
Remarks			



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