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**Queensland
Government**

**GEOTECHNICAL
BOREHOLE LOG**

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

BOREHOLE No **BH-3**

Sheet 1 of 1

REFERENCE No **H13012**

PROJECT Manly Harbour Dredging - Geotechnical Investigation

LOCATION Manly Harbour Entrance Channel COORDINATES 519099.2 E; 6963639.6 N

PROJECT No FG6549 SURFACE RL _____ PLUNGE 90° DATE STARTED 14/02/2018 GRID DATUM MGA94 Zone 56

JOB No _____ HEIGHT DATUM _____ BEARING ° DATE COMPLETED 14/02/2018 DRILLER Geodrill

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD (%) CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH	DEFECT SPACING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0					Marine Sediments						
0			100		BASALT (Tpb) HW: Pale brown grey with some dark brown red, fine grained, porphyritic, generally low strength. Locally iron stained. XW Clayey zones throughout. -Js: 5° (~5-10/m), Pl/Ro, TI, FeSt, Cly Ct		HW	LM VL EL VC		Is(50)=0.64 MPa Is(50)=0.39 MPa	D (0.49m) A (0.50m)
1			100				XW				
2			67				HW XW HW XW HW XW HW		2.02m-2.10m: XW Cly 2.27m-2.35m: XW Cly 2.54m-2.64m: XW Cly 2.72m-2.77m: XW Cly		
3			67				HW XW HW XW HW XW HW	VL-L VC	3.15m-3.27m: XW Cly 3.35m-3.42m: XW Cly		
4			100				MW	LM VC		Is(50)=0.41 MPa Is(50)=0.37 MPa	D (3.96m) A (3.98m)
					Borehole completed at 4.40m						

REMARKS: Co-ordinates from hand held GPS. Tpb - Petrie Formation

LOGGED BY	REVIEWED BY
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