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**Queensland
Government**

**GEOTECHNICAL
BOREHOLE LOG**

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

BOREHOLE No **BH-5**
Sheet 1 of 1
REFERENCE No **H13015**

PROJECT Manly Harbour Dredging - Geotechnical Investigation
 LOCATION Manly Harbour Entrance Channel COORDINATES 519020.4 E; 6963592.0 N
 PROJECT No FG6549 SURFACE RL _____ PLUNGE 90° DATE STARTED 13/02/2018 GRID DATUM MGA94 Zone 56
 JOB No _____ HEIGHT DATUM _____ BEARING ° _____ DATE COMPLETED 13/02/2018 DRILLER Geodrill

DEPTH (m)	R.L. (m)	FOUGER 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			(32)		Marine Sediments						
0.50-0.60m			100 (0)		BASALT (Tpb) HW: Grey and orange brown, fine grained, porphyritic, mainly very low to low strength with occasional medium strength zones. Locally iron stained. XW Clayey zones throughout. -Js: <10° (~10/m), Pl/Ro, TI, some Cly and FeSt. Some CA. -Js: 40°-50° (<1/m), Pl/Ro, TI, some Cly Vr and FeSt		HW			Is(50)=0.15 MPa Is(50)=0.35 MPa	D (0.70m) A (0.72m)
1.20m-1.30m			100 (0)				XW				
1.35m-1.47m			100 (0)				HW				
1.91m-2.50m			50 (0)				XW				
2.80m-2.90m			100 (0)				HW				
Borehole completed at 3.20m											

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

LOGGED BY	REVIEWED BY
D. Colborne	S. Foley