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**Queensland
Government**

**GEOTECHNICAL
BOREHOLE LOG**

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

BOREHOLE No **BH-2**
Sheet 1 of 1
REFERENCE No **H13011**

PROJECT Manly Harbour Dredging - Geotechnical Investigation
 LOCATION Manly Harbour Entrance Channel COORDINATES 519123.2 E; 6963658.2 N
 PROJECT No FG6549 SURFACE RL _____ PLUNGE 90° DATE STARTED 15/02/2018 GRID DATUM MGA94 Zone 56
 JOB No _____ HEIGHT DATUM _____ BEARING ° _____ DATE COMPLETED 15/02/2018 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			
								EH	VH	H	M	J	VI	EU	EC	VC	C	M				W	VW	EW
1 2 3			(0)		BASALT (Residual) (Tpb) HW: Pale grey and red brown, fine grained, porphyritic, generally very low to low strength. Locally iron stained. XW Clayey zones throughout.		HW	VL	VC													Is(50)=0.09 MPa Is(50)=0.14 MPa	D (0.12m) A (0.20m)	
			100		-Js: 0°-5° (3-5/m), Pl/Sm-Ro, TI, FeSt, Cly Ct		HW	VL	VC													Is(50)=0.27 MPa Is(50)=0.14 MPa	D (0.85m) A (0.87m)	
			(0)		-Js: 25°-35° (1/m), Pl/Sm-Ro, TI-CL, FeSt, Cly Ct		HW	VL	VC													Is(50)=0.04 MPa Is(50)=0.11 MPa	D (1.25m) A (1.27m)	
					-Js: 70° (<1/m), Pl/Ro, TI-CL, Cly, FeSt.		HW	VL	VC													Is(50)=0.20 MPa Is(50)=0.25 MPa	D (1.56m) A (1.58m)	
					Becoming pale grey brown.		HW	VL	VC													Is(50)=0.38 MPa Is(50)=0.19 MPa	D (2.05m) A (2.07m)	
				100				XW	VL	VC														
				(0)				HW	VL	VC													Is(50)=0.03 MPa Is(50)=0.03 MPa	D (3.10m) A (3.12m)
				100				HW	VL	VC														
							Borehole completed at 3.50m																	

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

LOGGED BY	REVIEWED BY
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