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**Queensland
Government**

**GEOTECHNICAL
BOREHOLE LOG**

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

BOREHOLE No **BH-1**
Sheet 1 of 1
REFERENCE No **H13009**

PROJECT Manly Harbour Dredging - Geotechnical Investigation

LOCATION Manly Harbour Entrance Channel COORDINATES 519190.4 E; 6963693.6 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) | 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 | | | | | | |
| 0.5 | | | (55) | CORE LOSS | | | | | | | |
| 1.5 | | | | | BASALT (Tpb) XW: Pale grey with some red brown, fine grained, porphyritic, mainly extremely low strength. Locally iron stained. XW Clayey zones throughout. -Js: 5° (2-3/m), Pl/Sm-Ro, TI-CL, Cly, FeSt. | XW | | | | Is(50)=0.01 MPa Is(50)=0.01 MPa Is(50)=0.01 MPa | A (2.36m) D (2.85m) A (2.86m) |
| 3.2 | | | 100 | | Borehole completed at 3.20m | | | | | | |

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

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| LOGGED BY | REVIEWED BY |
| D. Colborne | S. Foley |