



NOTES:
 1) This survey meets the mandatory class requirements as outlined in the MSG document 'Standards for Hydrographic Surveys within Queensland Waterways v3'
 2) Contours are computer generated to Hydrographic Standard (inclusive)
 3) Soundings coloured to 1.0m and for clearance purposes
 4) Vegetation digitised from aerial photography is approximate only
 5) Horizontal position check was performed prior to PM 200980
 6) AHD/LAT separation based on SIn "B" RL 6.90m LAT (IGBM TSN031002A) and a RL of 5.02m AHD transferred by RTK-GNSS from PM 200980. Additional bathymetric line plane values taken from TS 031002A Passage Island (Gloucester Pass) Related Datum Details
 7) Cadastral boundaries have been sourced from the Digital Cadastral Database (DCDB) and are approximate only. They should not be used for reinstatement or setout. For actual property boundaries consult a licenced cadastral surveyor

Horizontal Datum Base Station PM 200980	MGA Zone 55 (GDA04) Easting 650898.997	Northing 7780145.126	Vessel QG Marion	SOUNDINGS (m) 2.5 below datum 0.7 above datum
Vertical Datum AHD based on PM 200980 RL 1.759m	Horizontal Positioning Novatel 628 RTK-GNSS Leica GS10 RTK-GNSS Hydack 2015 TerraModel 10.6LJ		Heave Novatel 628 RTK-GNSS	LEVELS (m) 0.9 above datum 0.3 below datum
Tide Notes Soundings reduced to datum using Hydack and RTK-GNSS survey systems Vertical Control referenced to PM 200980	Data Collection/Processing Tidal Reference Station TS031002A	Weather 10-15 knots SE	Tidal Reference Station TS031002A	CLASS C

SCALE 1 : 1000 AT A1

0 10 50 100

CLIENT
PMD

Signature
Hydrographic Surveyor
C Brocklehurst
Checked
D Ning



CAPE GLOUCESTER
FROG ROCK BOAT RAMP INVESTIGATION
 HYDROGRAPHIC AND LAND DETAIL SURVEY
 7 DECEMBER 2016

Plot File: H014003P3.PDF
 Job No: BWO40002
 Plan No: **H014-003**
 SHEET 3 OF 3

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