



NOTES:
 1) This survey meets the mandatory class requirements as outlined in the MSG document 'Standards for Hydrographic Surveys within Queensland Waterways v4.3'
 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 over PM 200989
 6) AHD/LAT separation based on Stn "B" RL 6.90m LAT (IGBM TSN031002A) and a RL of 5.02m AHD transferred by RTK-GNSS from PM 200980. Additional vertical plane values taken from TS 031002A
 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 (GDA94) Eastings 650898.997	Northings 7780145.126	Vessel GG Marion	SOUNDINGS (m) 2.5 below datum 0.7 above datum
Vertical Datum AHD based on PM 200980 RL 1.759m	Tide Notes Soundings reduced to datum using Hycack and RTK-GNSS survey systems Vertical Control referenced to PM 200980	Heaveometer Novatel 628 RTK-GNSS	Horizontal Positioning Novatel 628 RTK-GNSS Leica 6510 RTK-GNSS	LEVELS (m) 0.9 above datum 0.3 below datum
Depth Tolerance 0.2m	Horizontal Tolerance 1.5m	Weather 10-15 knots SE	Tidal Reference Station TSO31002A	CLASS C CLIENT PMD * see notes

SCALE 1 : 1000 AT A1

Signature
Hydrographic Surveyor
C Brocklehurst
Checked
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CAPE GLOUCESTER
FROG ROCK BOAT RAMP INVESTIGATION
 HYDROGRAPHIC AND LAND DETAIL SURVEY
 7 DECEMBER 2016

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Plan No.: **H014-003**
 SHEET 2 OF 3

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Joins Sheet 1

Joins Sheet 3