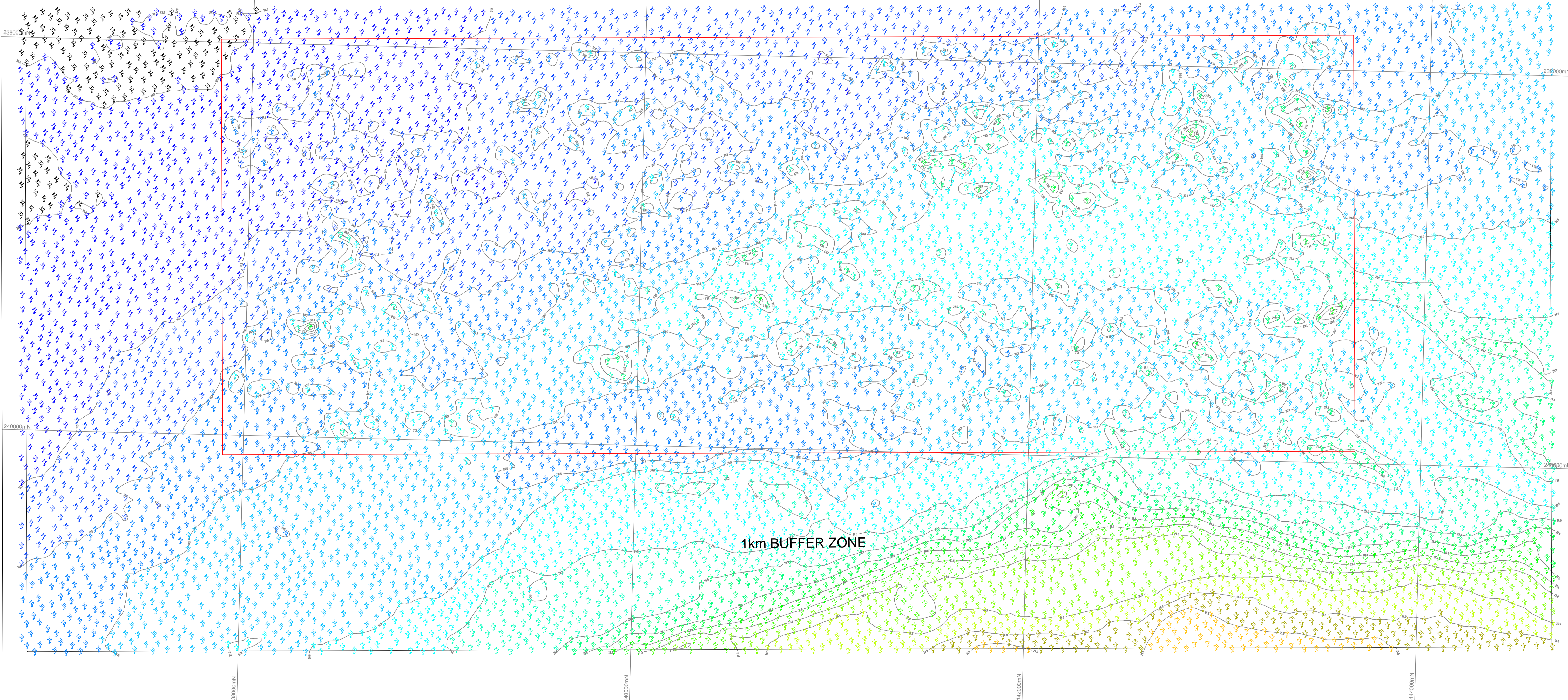
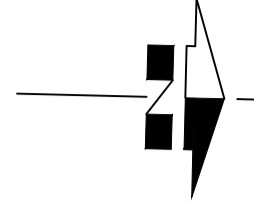
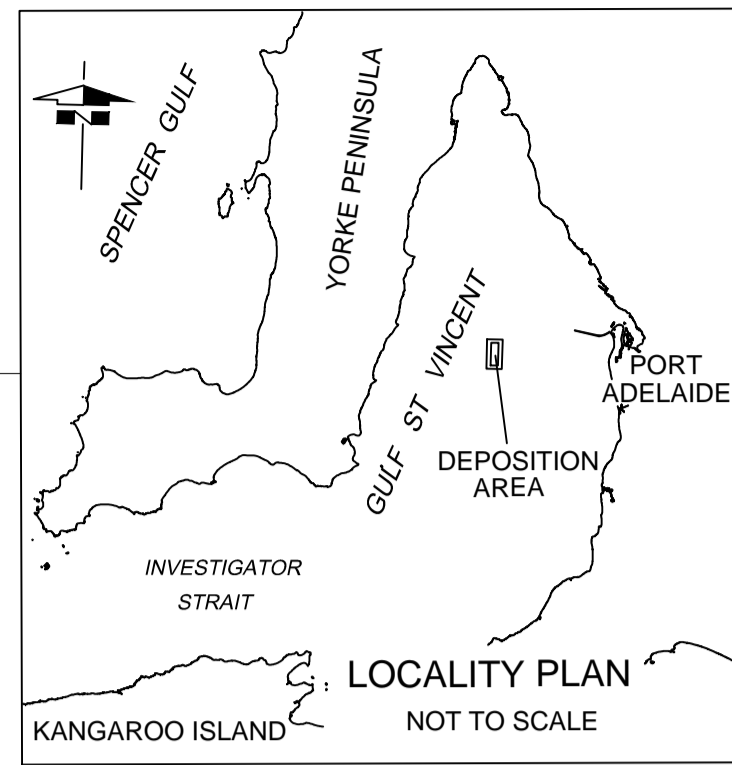


# GULF ST VINCENT

1 km BUFFER ZONE

1km BUFFER ZONE



Revisions		No.	By	Date	Description	Appd.

This survey has been carried out using a R2Sonic 2022 MBES survey system to I.H.O. S44 standard for order 1b survey and that:

(A) Full search area (ie total bottom coverage) has been achieved over survey area

(B) A depth uncertainty for reduced depths (95% confidence level) of  $\pm 0.3m$  has been achieved

(C) Data processing and modelling has been carried out using a 2m grid

(D) Selected soundings shown on this plan are minimum depths within a 90m circle of influence

(E) Horizontal position has a pre-gridded uncertainty of  $\pm 0.5m$  (95% confidence level)

**Vertical Datum**  
Soundings are in metres and decimetres reduced to chart datum (approx. L.A.T. 2001)  
Chart datum is 5.984m below bolt set in wall of signal station.  
Bolt = R.L. 36.979m F.P.S.A. Port Adelaide datum  
E.L. 4.532m AHD per DEH (16 04 87)

**Horizontal Datum**  
Map Grid of Australia 1994 (MGA94) Zone 54

**Equipment**  
Survey launch 'Pathfinder',  
MARINESTAR G2,  
R2Sonic 2022 Broadband MBES,  
POS MV Wavemaster, QINSy

**Refs**  
HYDRO  
19\_002\_Deposition  
Site.zip

**SURVEY**  
FP4622\_DEPOSITION  
SITE\_MAY19.dwg

**DATA POINTS**  
Deposition Site\_MGA  
94Z54\_OHEnt-15mins  
23Apr19-23May19\_  
11o10000\_90mCOI.csv

**Notes**  
Soundings taken 23 April to 23 May 2019 (western buffer incomplete)  
Outer Harbor Chart Datum at Entrance Beacon minus 15 minutes

T:\13 Survey\Port Adelaide\2019\Deposition Site

**Scale**  
Before reduction : 1:10,000

metres 0 200 400 600 800 1000 metres

**Hydro Survey**

FLINDERS PORTS PTY LTD  
Level 1, 296 St. Vincent Street  
Port Adelaide SA 5015  
Phone 08 8447 0611  
Fax 08 8447 0606

**Flinders Ports**

*[Signature]*  
Chief Hydrographic Surveyor

*[Signature]*  
Manager Survey

**GULF ST VINCENT  
DEPOSITION SITE  
SOUNDINGS**

**Surveyor** PJW & MB    **Drawn** LMA 28/05/19    **Supersedes** FP0781, FP0866, FP0871 & FP0877

**Job No** HA2007  
**Sheet** 1 of 1  
**Loc** 320    **Type** 13  
**Drg. No.** FP4622  
**Rev**