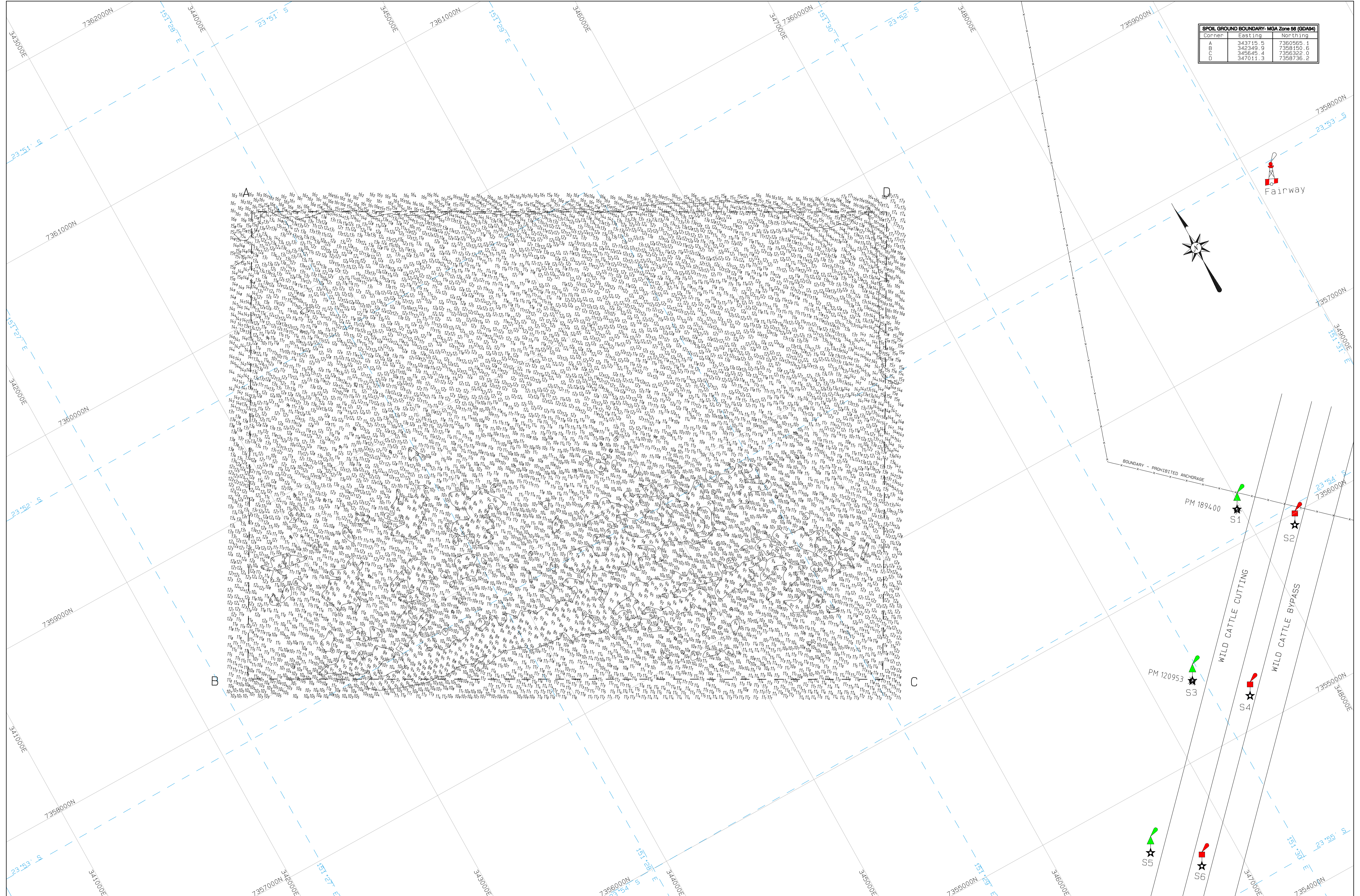


SPOIL GROUND BOUNDARY- MGA Zone 56 (GDA94)		
Corner	Easting	Northing
A	343715.5	7360565.1
B	342349.9	7358150.6
C	345645.4	7356322.0
D	347011.3	7358736.2



NOTES:

- This survey meets the mandatory class requirements as outlined in the MSG document.
- Standards for Hydrographic Surveys within Queensland Waters v.3.
- Contouring was performed using Hydrographic Standards (v.1.1.1) using CARIS Base Editor v5.3.38.
- For Tides, Notes and Survey Control refer to plan F500-070 & F500-071.
- For Navigation Aids refer to plan F500-073. For Sheet Layout refer to plan F500-072.
- Contouring was performed using Hydrographic Standards (v.1.1.1) using CARIS Base Editor v5.3.38.
- Multi-beam data collected using Kongsberg S10 + KMS1 file format.
- Soundings were derived from RTK-GNSS observations and MSG LAT.
- Base Editor v5.3.38. Surface name: 0200120_Spoil_Grond_S10_Cube_FINAL.casr
- Sound Smartnet position check conducted over: 04/09/2023
- Refer to plan F500-070 for LAT separation model used for GPS tide reduction in CARIS HIPS & SIPS version 11.4.28.
- 1015011 ground boundary was supplied by Gladstone Ports Corporation (V001 JV plan 36.3144-14-DWG-344)

Horizontal Datum		MGA Zone 56 (GDA2020)	
Base Station	HGN Smartnet Connections - IMAX Network Solution (HSM_MAX)	Vessel	GG Norfolk
Vertical Datum	LAT based on SEE NOTES	Echo Sounder	Kongsberg EK6040C Dual Head (1500/412)
Tide Notes	Soundings reduced to datum using RTK-GNSS observations and MSG LAT	Heave	ADP/11x PosMV v0 v11.21
Soundings	Soundings reduced to datum using RTK-GNSS observations and MSG LAT	Horizontal Positioning	ADP/11x PosMV v0 v11.21
Depth Tolerance	0.2m	Data Collection/Processing	Hydrographic Standards (v.1.1.1) HGN Smartnet Connections v11.21
Horizontal Tolerance	1.5m	Tidal Reference Station	T0502074/T0502038
Weather	5 - 10 kts SE		

SOUNDINGS (m)		SCALE 1 : 10000 at A1	
0	below datum	0	100
2.5	below datum	500	500
0.7	above datum	1000	1000
CLASS	C	CLIENT	Gladstone Ports Corporation
LEVELS (m)	0.99 above datum		
	1.23 below datum		
	*See Notes		

Signature		Hydrographic Surveyor	
Checked	R Teise	Surveyor	R Ghazanfari
		Checked	T Reise

Queensland Government
HYDROGRAPHIC SERVICES
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GLADSTONE EAST BANKS SPOIL GROUND
POST-DREDGE HYDROGRAPHIC SURVEY
20 SEPTEMBER 2023
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Plot File: F501308P1.PDF
Job No.: GL020120
Plan No.: **F501-308**