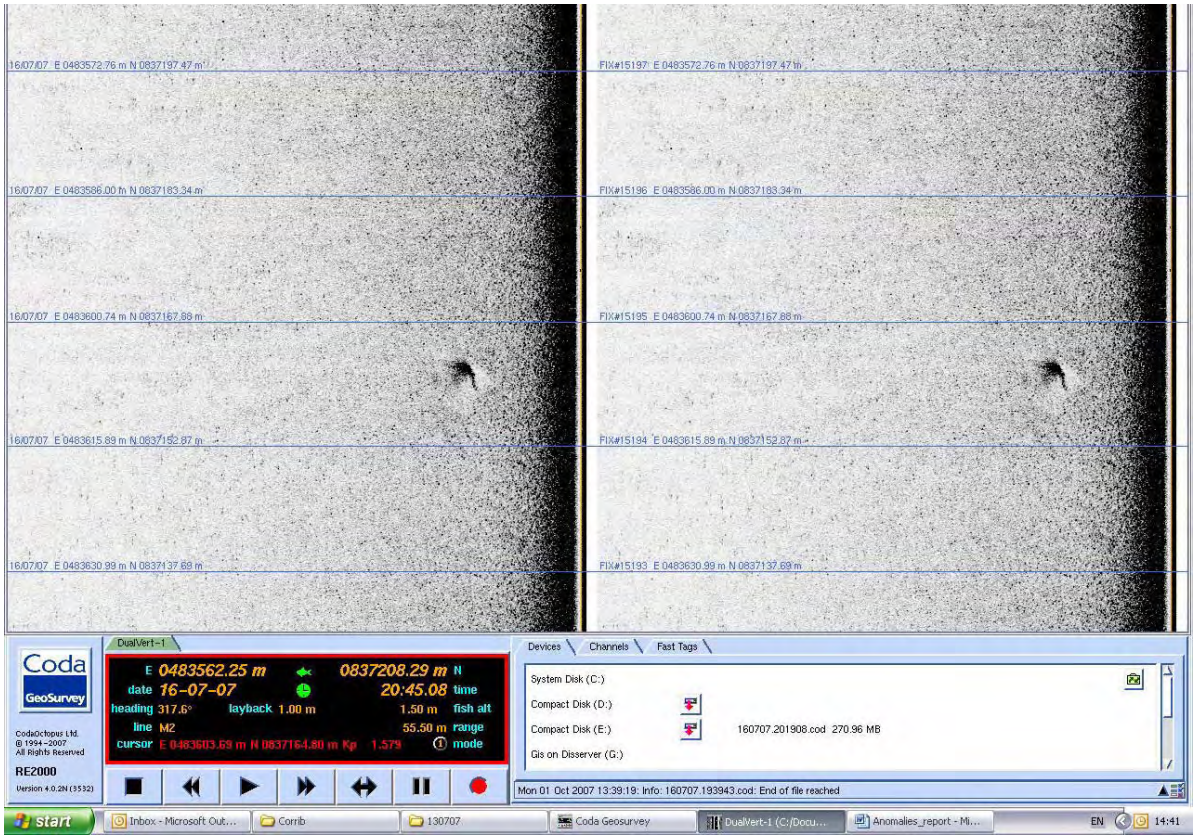
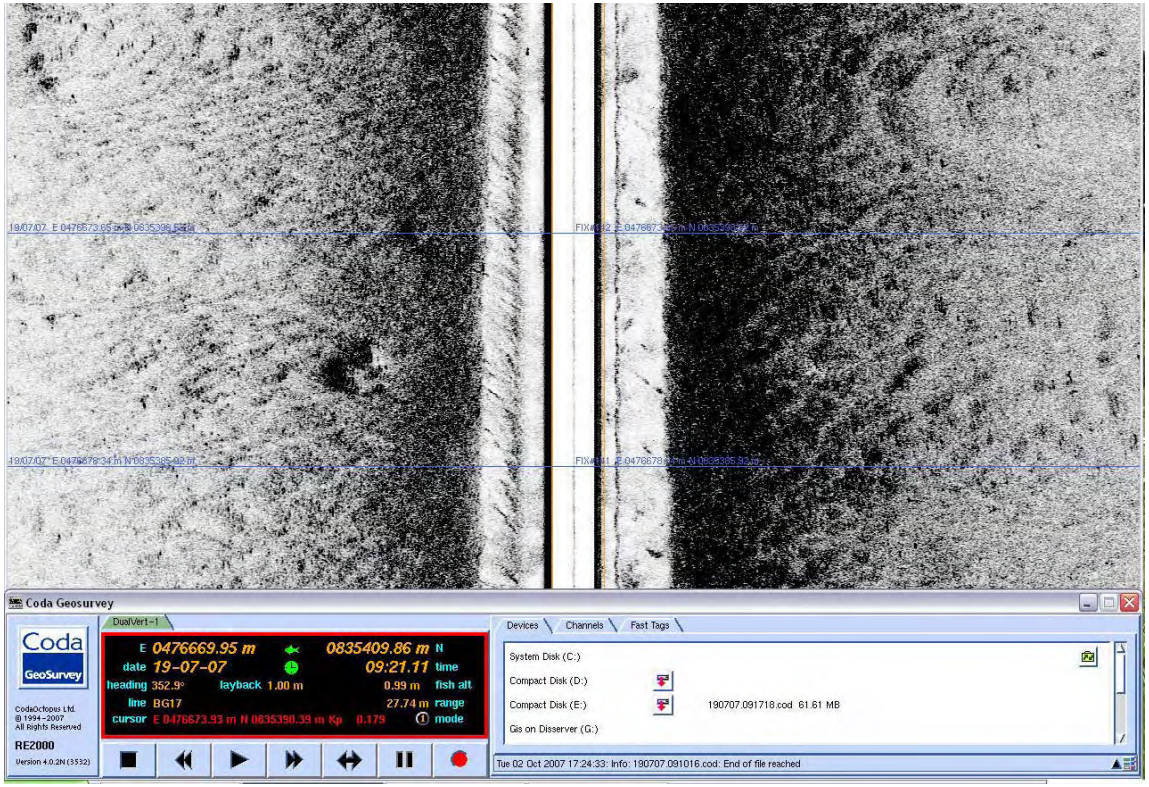
Anomaly No.	Fix No.	ITM Easting	ITM Northing	ING E	ING N	WGS84 Lat N			WGS84 Long W			Description
16	14873	483594.07	837159.93	83617.756	337154.586	54	16	11.9429	9	47	13.67148	Localized small anomaly on seabed, debris
See anomaly 17, which is the same location												
17	15194	483597.76	837154.03	83621.447	337148.685	54	16	11.7551	9	47	13.45939	Localised anomaly on sandy featureless bed. Debris



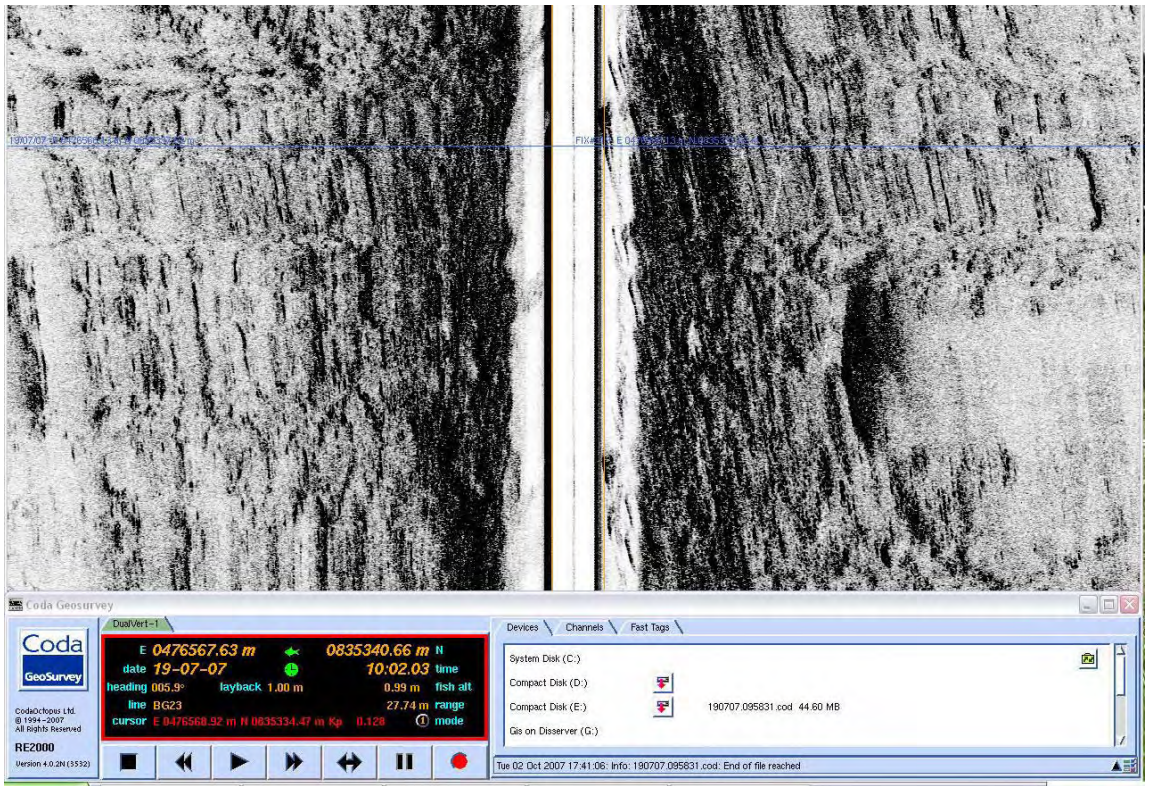
Diver Inspection Identification: Anomalies 16 and 17 are the same object observed from different angles. The object is a large Fragment of Iron, machine part, with scour hole and snagged mono-filament netting, Plate 51.

Anomaly No.	Fix No.	ITM Easting	ITM Northing	ING E	ING N	WGS84 Lat N			WGS84 Long W			Description
18	141?	476666.64	835388.59	76688.876	335382.857	54	15	8.83324	9	53	33.69643	Localized anomaly on rough silt bed. Rock?



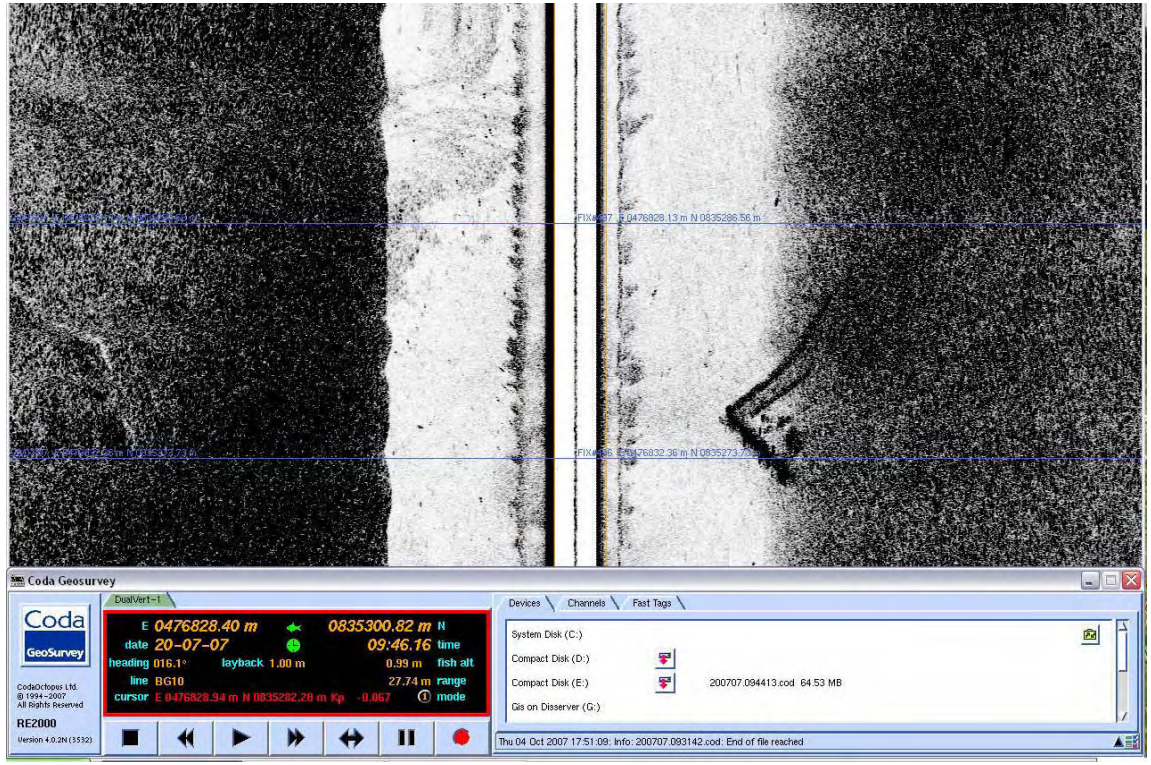
Diver Inspection Identification: Outside Study area

Anomaly No.	Fix No.	ITM Easting	ITM Northing	ING E	ING N	WGS84 Lat N			WGS84 Long W			Description
19	316?	476581.67	835333.19	76603.888	335327.445	54	15	6.96844	9	53	38.30577	linear straight-sided anomaly, c. 2m long x 70cm wide, possible plank like feature but equally possible turf-cutting anomaly



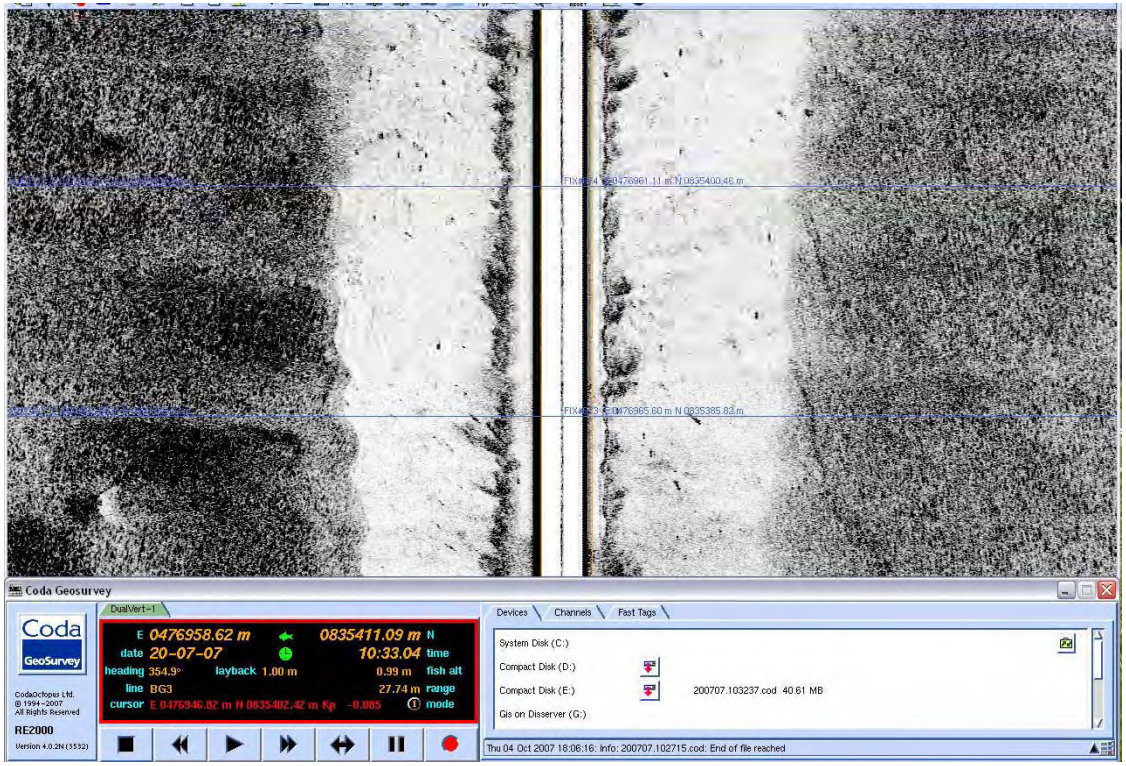
Diver Inspection Identification: Outside Study area

Anomaly No.	Fix No.	ITM Easting	ITM Northing	ING E	ING N	WGS84 Lat N			WGS84 Long W			Description
20	**406?**	**476839.59**	**835277.99**	**76861.864**	**335272.233**	54	15	**5.40736**	9	53	**23.98381**	**Striking anomaly on clay bed. Straight side 5.64m long with three curving ribs extending on SW side, the longest measuring 8.46m long. Definite high potential**



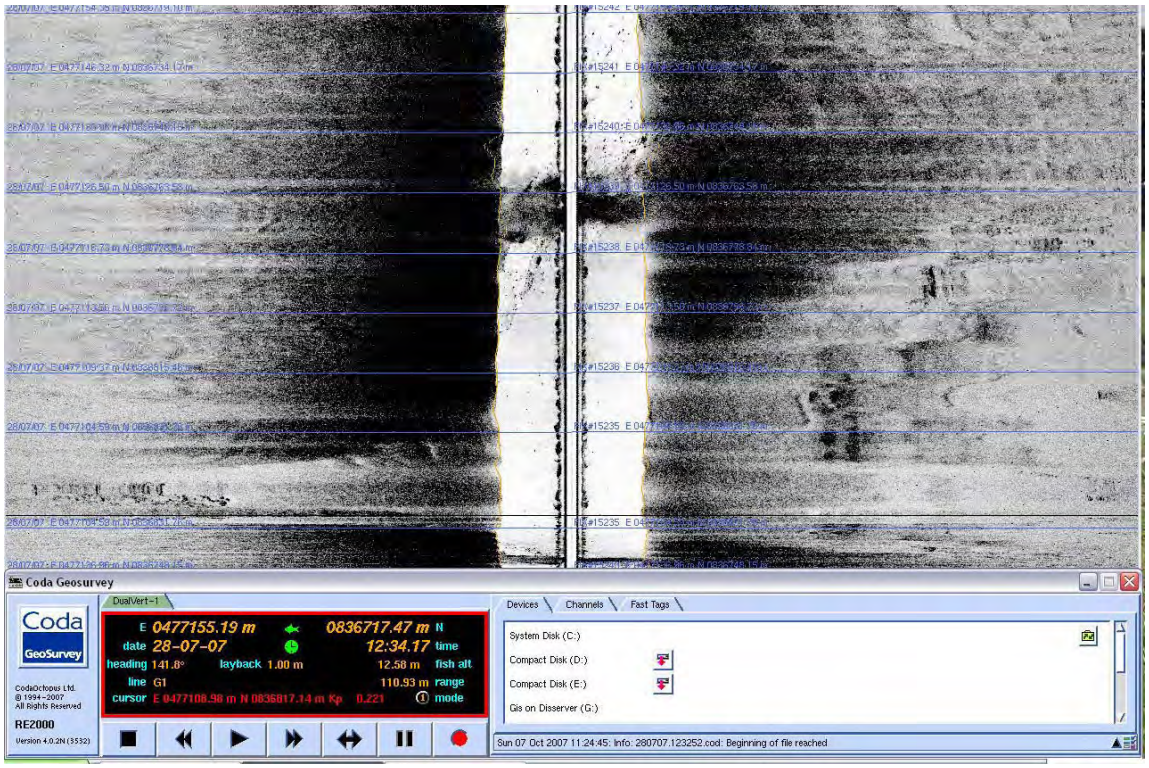
Diver Inspection Identification: Anomalies located outside survey area, near Ballyglass Lighthouse.

Anomaly No.	Fix No.	ITM Easting	ITM Northing	ING E	ING N	WGS84 Lat N			WGS84 Long W			Description
21	673	476946.42	835371.81	76968.715	335366.074	54	15	8.53306	9	53	18.22416	Localized anomaly on clay/sand bed. Debris?



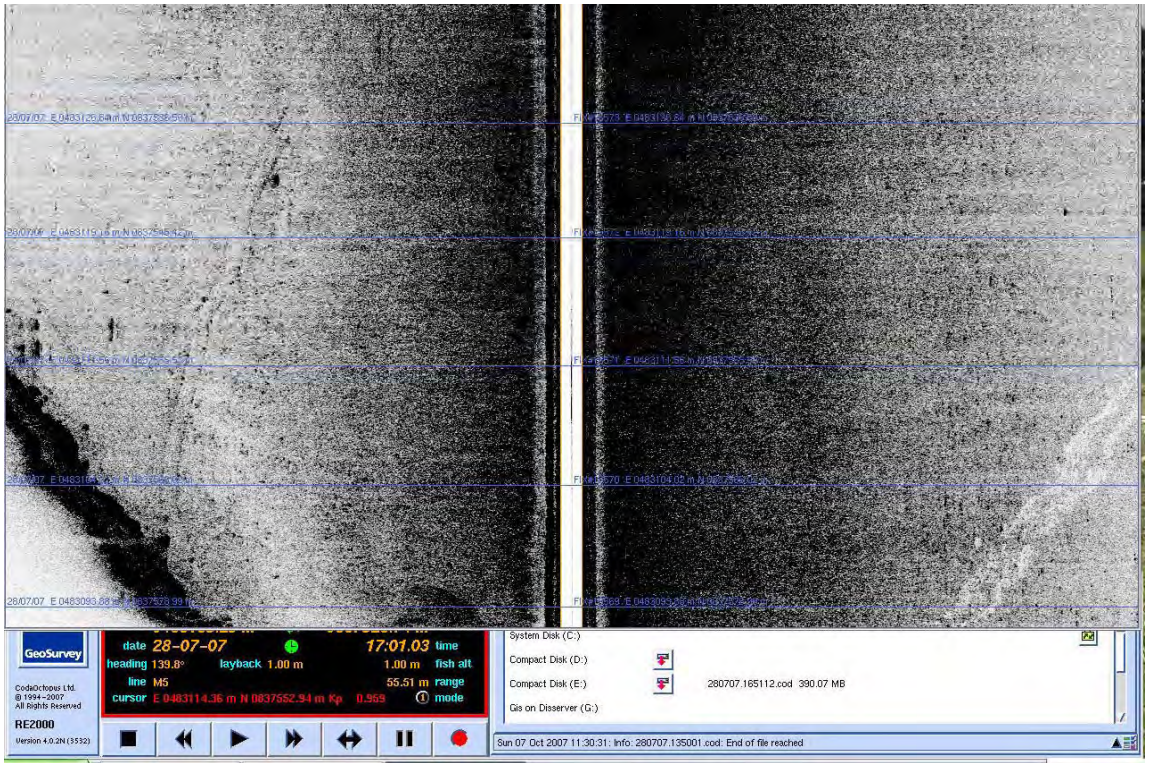
Diver Inspection Identification: Anomalies located outside survey area, near Ballyglass Lighthouse.

Anomaly No.	Fix No.	ITM Easting	ITM Northing	ING E	ING N	WGS84 Lat N			WGS84 Long W			Description
22	15237	477108.51	836765.39	77130.826	336759.958	54	15	53.7283	9	53	11.3317	3m long anomaly on sandy bed



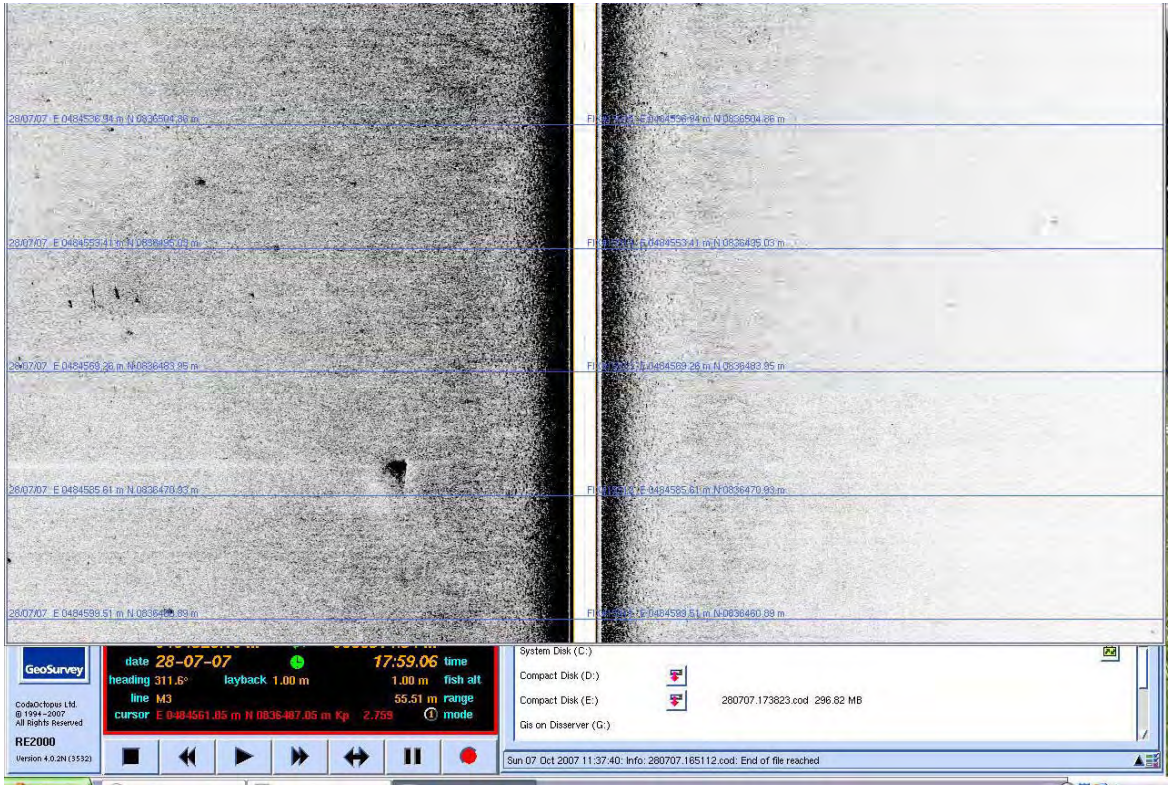
Diver Inspection Identification: Anomalies located outside survey area, near Ballyglass Lighthouse

Anomaly No.	Fix No.	ITM Easting	ITM Northing	ING E	ING N	WGS84 Lat N			WGS84 Long W			Description
23	5569	483135.45	837590.55	83159.034	337585.299	54	16	25.4894	9	47	39.6103	Parallel linear track, probable dragline. Heading SE/NW from shore, c.40m long+, 1m wide.
	to 5573	483150.04	837550.34	83173.628	337545.081	54	16	24.2013	9	47	38.74779	



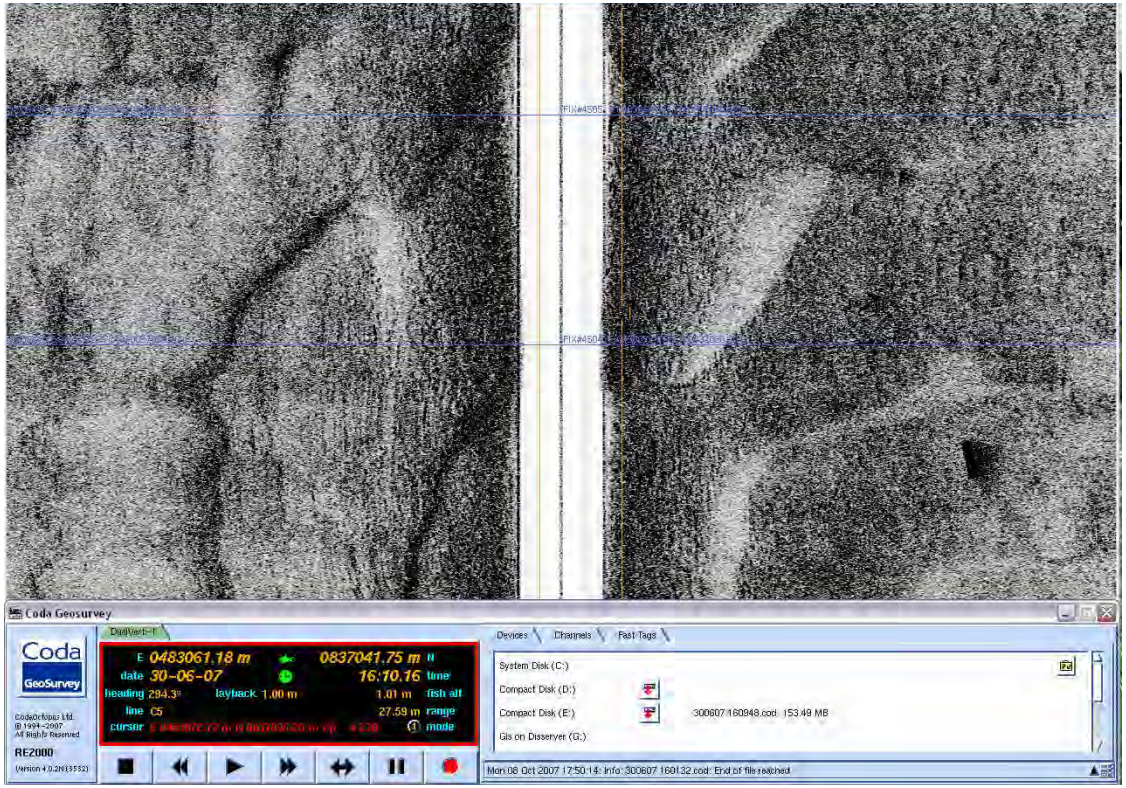
Diver Inspection Identification: Anomalies located outside survey area, near Ballyglass Lighthouse.

Anomaly No.	Fix No.	ITM Easting	ITM Northing	ING E	ING N	WGS84 Lat N			WGS84 Long W			Description
24	15___	484569.26	836461.46	84593.159	336455.965	54	15	50.1549	9	46	18.83318	Localized anomaly on area of clear sand. Debris?



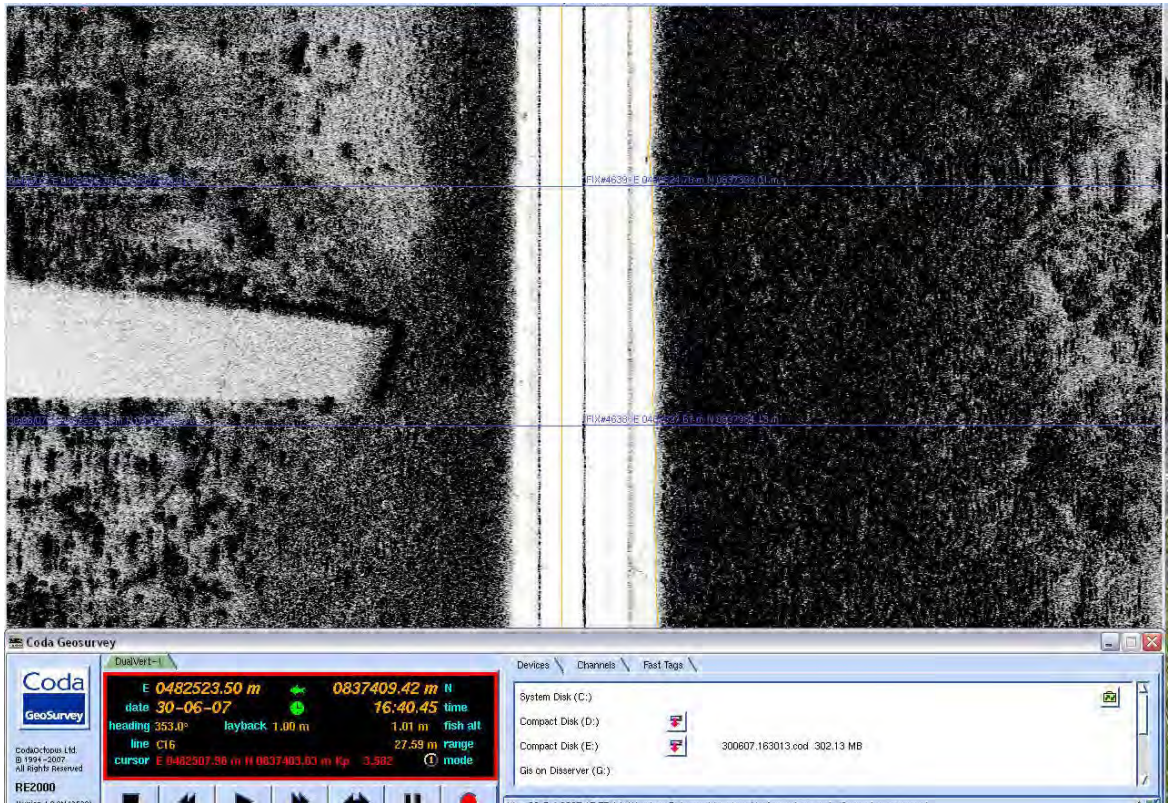
Diver Inspection Identification: No anomaly present. It is suggested that this might have been a portable object, perhaps a lump of peat that moved between the time of the geophysical survey and the dive inspection.

Anomaly No.	Fix No.	ITM Easting	ITM Northing	ING E	ING N	WGS84 Lat N			WGS84 Long W			Description
25	4504	483087.75	837049.47	83111.329	337044.102	54	16	7.95594	9	47	41.48505	c. 1m long narrow anomaly on sand-wave bed. Debris.



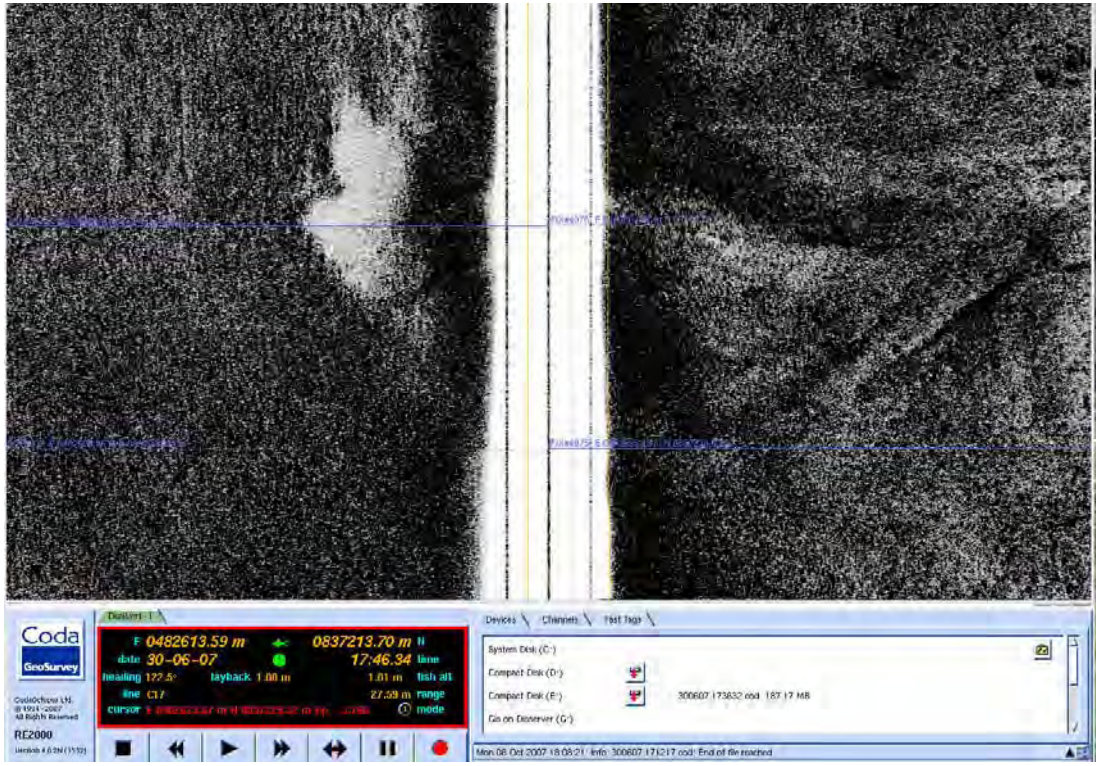
Diver Inspection Identification: Dog Hutch within large scour hole, Plate 52.

Anomaly No.	Fix No.	ITM Easting	ITM Northing	ING E	ING N	WGS84 Lat N			WGS84 Long W			Description
26	4638	482537.61	0837884.13	82561.065	337878.943	54	16	34.48853	9	48	13.05203	Flat sharply defined anomaly with trapezoidal echo, centreline is 7m long.



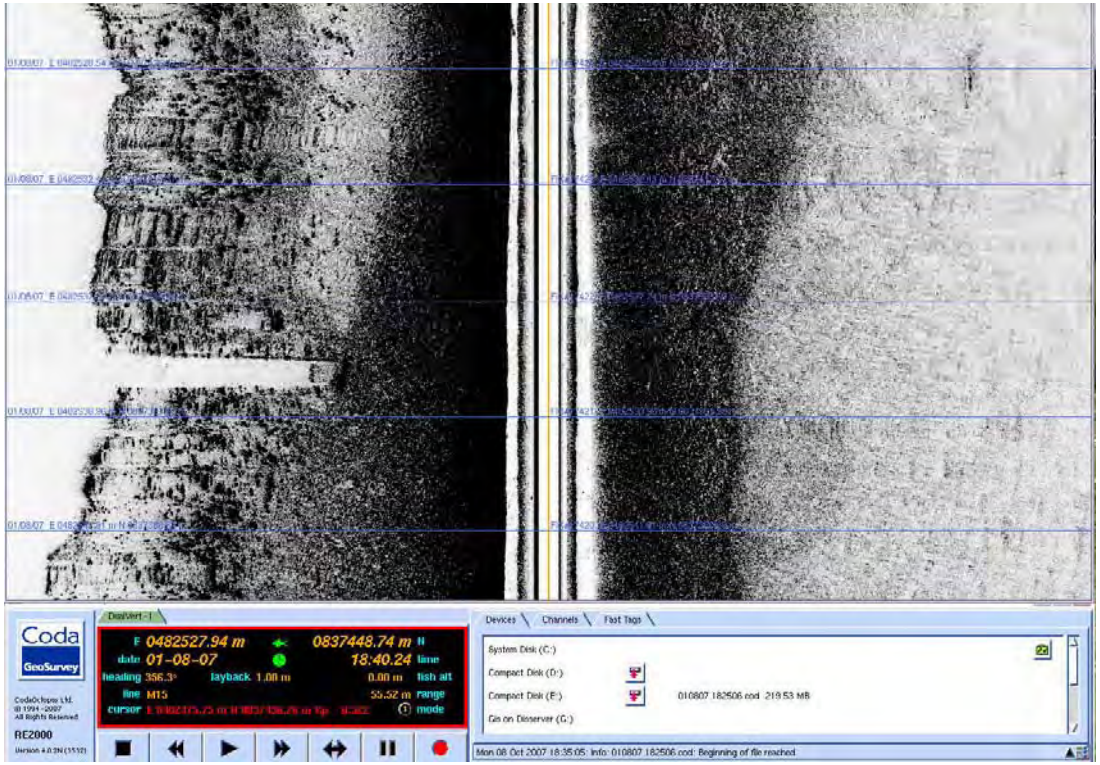
Diver Inspection Identification: No anomaly encountered during the diver-truthing of SS26.

Anomaly No.	Fix No.	ITM Easting	ITM Northing	ING E	ING N	WGS84 Lat N			WGS84 Long W			Description
27	4975-6	482585.67	837217.93	82609.141	337212.598	54	16	12.9888	9	48	9.45649	Oblong anomaly on sand, probably natural.



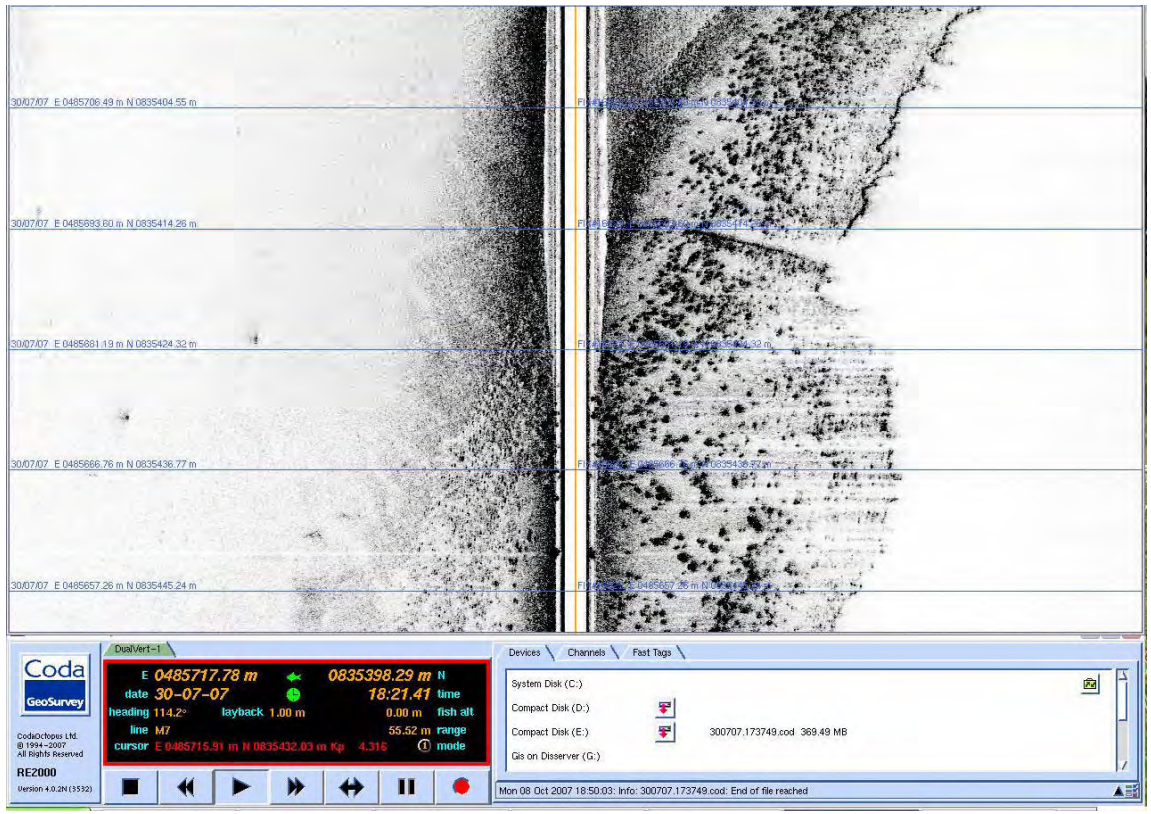
Diver Inspection Identification: Natural ridge of stones.

Anomaly No.	Fix No.	ITM Easting	ITM Northing	ING E	ING N	WGS84 Lat N			WGS84 Long W			Description
28	17421	482515.07	837386.17	82538.525	337380.875	54	16	18.3699	9	48	13.59398	Trapezoidal shaped anomaly with echo on silt/peat interface; manmade.



Diver Inspection Identification: Pier Structure.

Anomaly No.	Fix No.	ITM Easting	ITM Northing	ING E	ING N	WGS84 Lat N			WGS84 Long W			Description
29	6__28	485680.46	835403.24	85704.605	335397.516	54	15	16.8375	9	45	16.0059	Straight narrow line leading off shore in area of peat (?) clods; service/water pipe? 15m long.



Diver Inspection Identification: Modern Drainage Pipe.

FIGURES AND PLATES

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Notes

Expanse of Sruwaddacon Bay surveyed by ADCO Ltd.

Job/Exc No.	Compiled by	CAD reference	Client
07D038,07R169 07D040,07R170	R.Bangerter	CorribSurvey	RPS Group Ltd.
Date	**Scale**	**Drawing No.**	**Project**
21.11.07	N.T.S.	Figure 1	Corrib Onshore Gas Pipeline Project

Title

Figure 1- OS 1:50,000 Discovery Series Mapping showing location of Sruwaddacon Bay, Co. Mayo.

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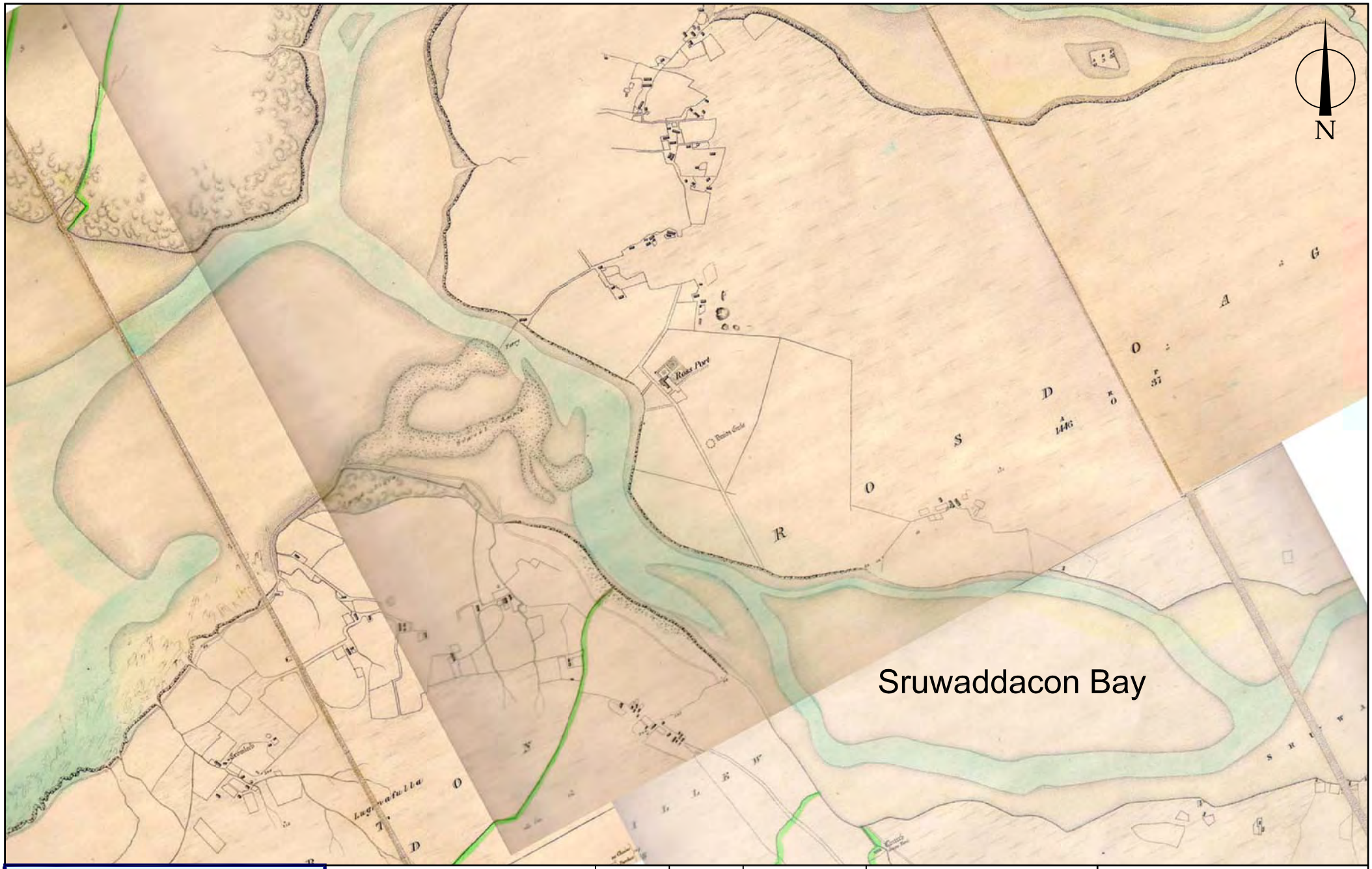
Notes
Figure adapted from Project Drawing suplied by RPS Group.

Job/Exc No.	Compiled by	CAD reference	Client
07D038, 07D040 07R169, 07R170	R.Bangerter	CorribSurvey	RPS Group Ltd.
Date	**Scale**	**Drawing No.**	**Project**
15.01.08	N.T.S.	Figure 2	Corrib On-shore Gas Pipeline Project

Title
Figure 2- Extract from Project Drawing showing route of proposed pieline with Assessment Areas IDB, IDE, & and IDF marked.



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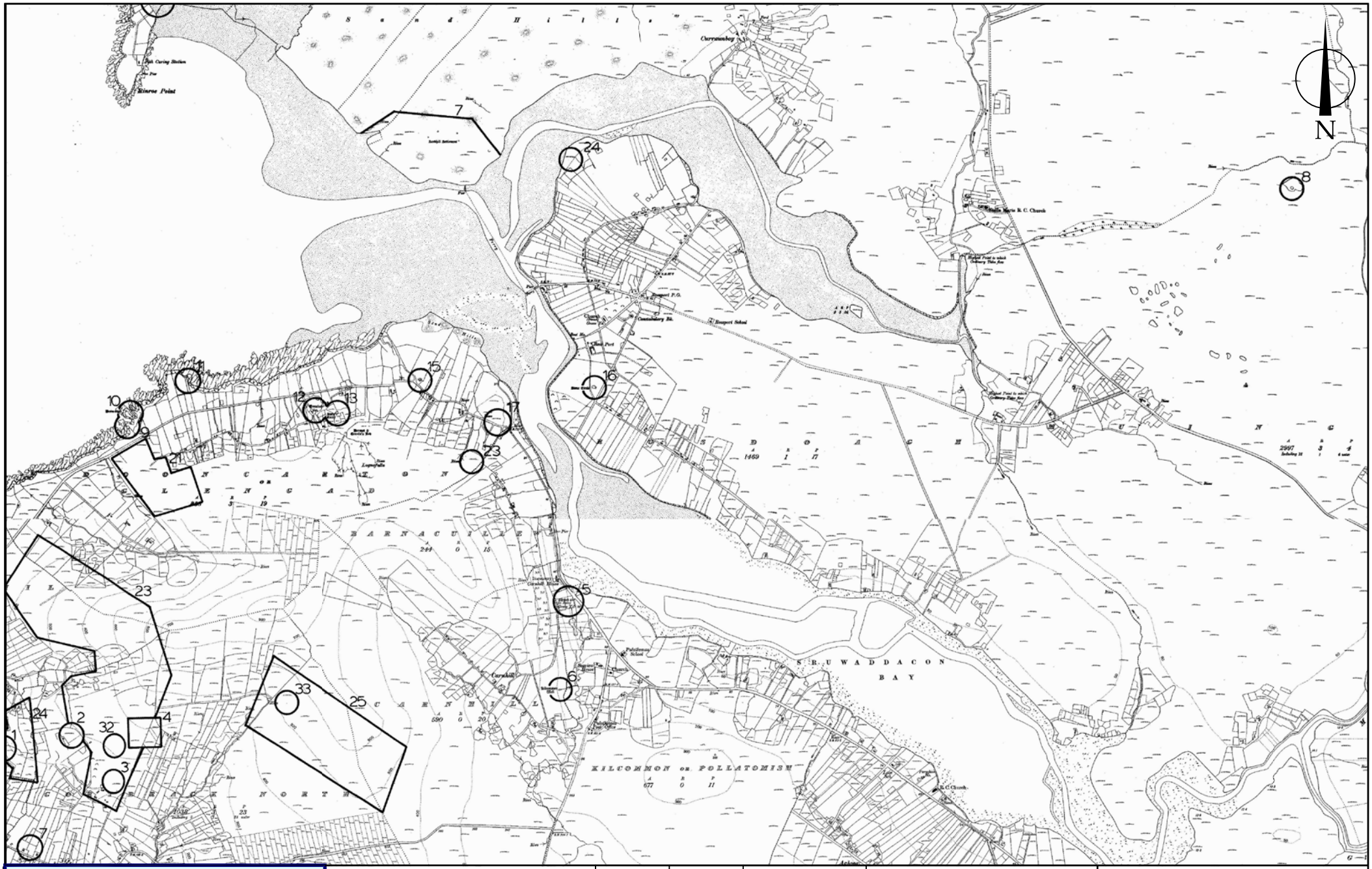
Notes	Job/Exc No.	Compiled by	CAD reference	Client	Title
	07D038,07R169 07D040,07R170	R.Bangerter	CorribSurvey	RPS Group Ltd.	Figure 3- Extract from OS First Edition (1839) Mapping, Mayo Sheets 4 and 11 showing Sruwaddacon Bay.
	Date 21.11.07	Scale N.T.S.	Drawing No. Figure 3	Project Corrib Onshore Gas Pipeline Project	



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Notes	Job/Exc No.	Compiled by	CAD reference	Client	Title
	07D038,07R169 07D040,07R170	R.Bangerter	CorribSurvey	RPS Group Ltd.	Figure 4- Extract from OS 6" Mapping (RMP Sheets: Mayo 4 & 11) showing listed RMP sites loacted within the vicinity of Sruwaddacon Bay.
	Date	**Scale**	**Drawing No.**	**Project**	
	21.11.07	N.T.S.	Figure 4	Corrib Onshore Gas Pipeline Project	

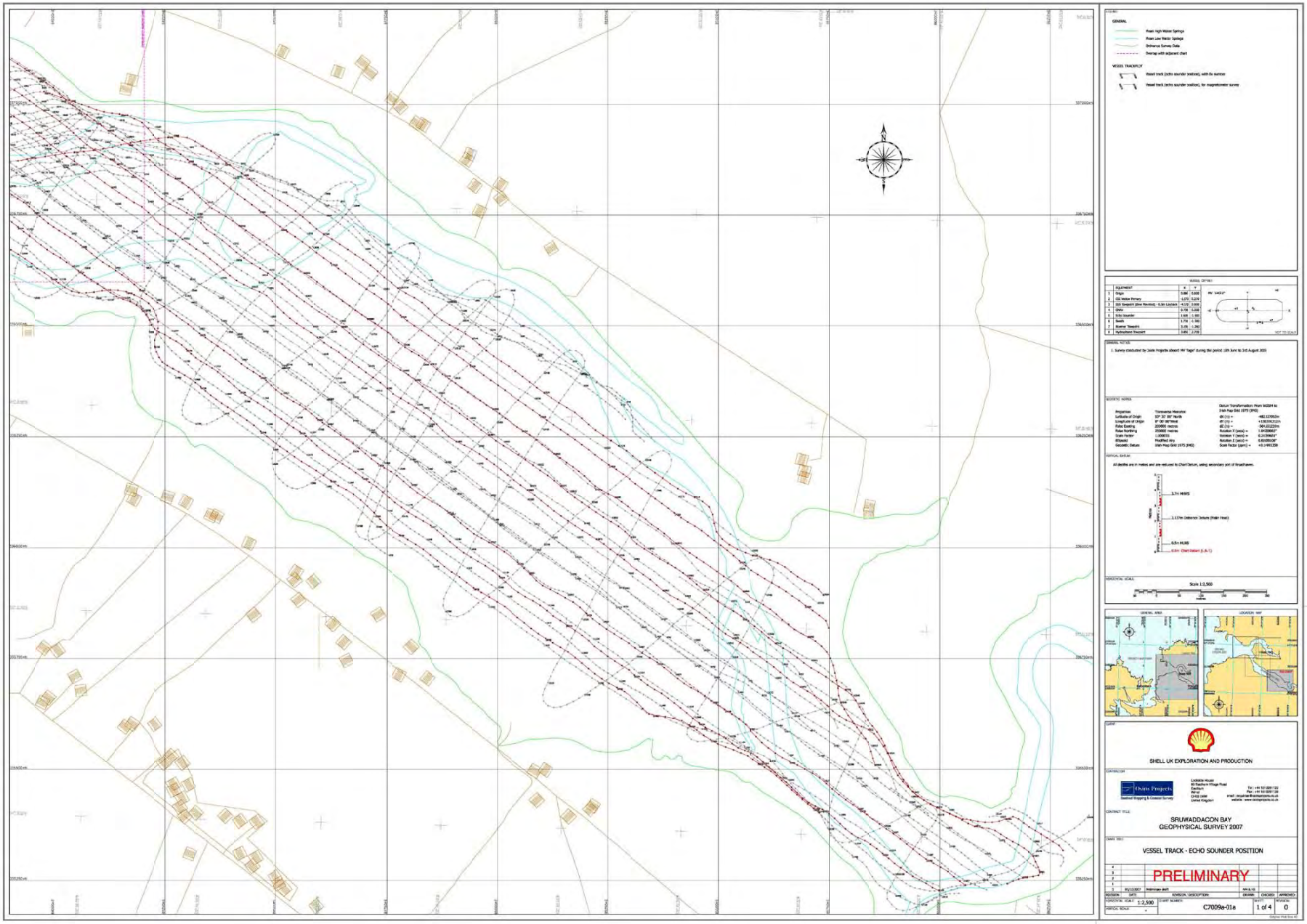

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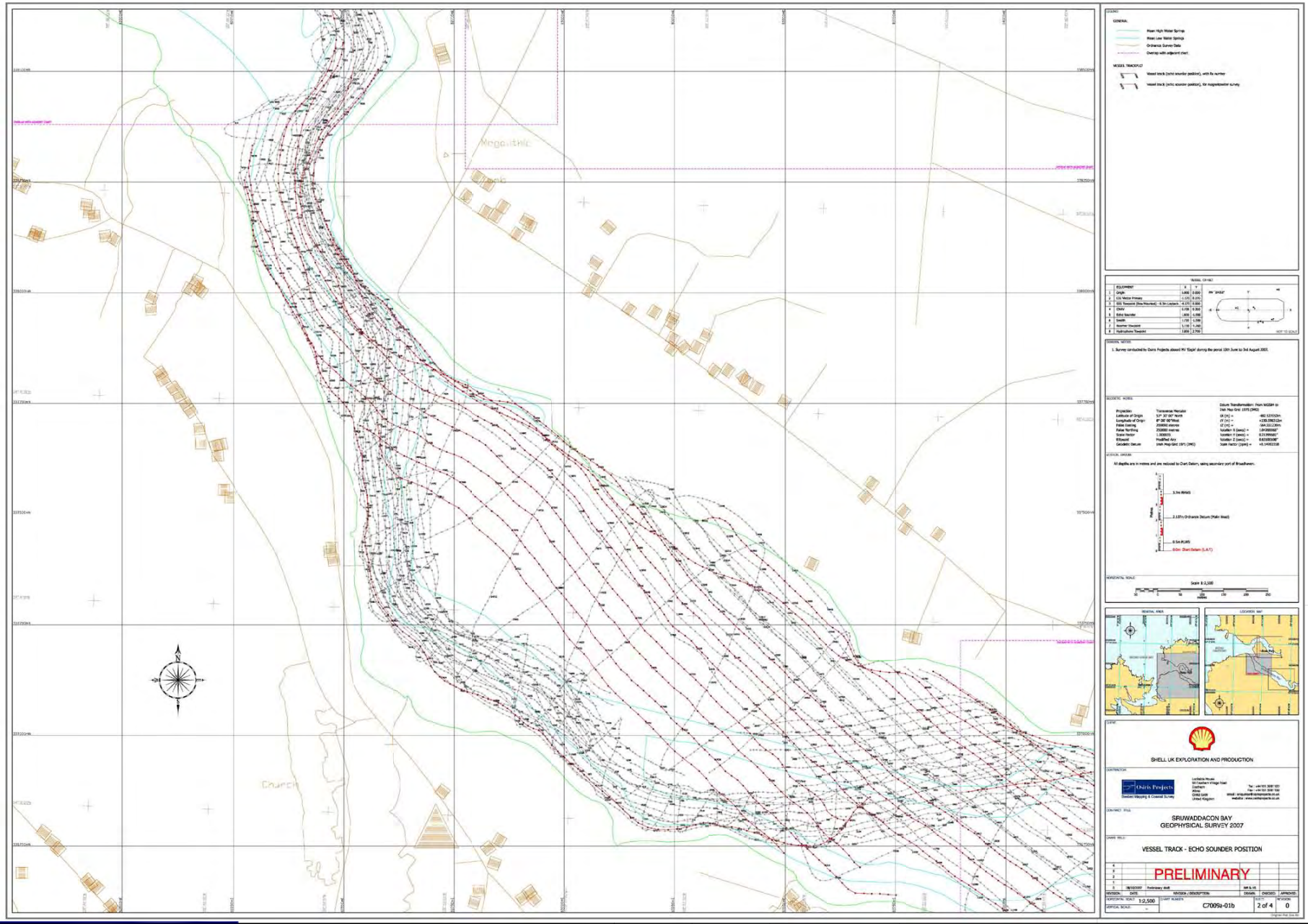
	Figure provided by Osiris Projects Ltd.- Chart No. C700A-01A	07D038, 07R169 07D040, 07R170	R.Bangerter	CorribSurvey	RPS Group Ltd.	Figure 5- Vessel Track Plots from the Geopgysical Survey of Sruwaddacon Bay.
		Date 26.09.07	Scale As Shown	Drawing No. Figure 5	Project Corrib On-shore Gas Pipeline Project	



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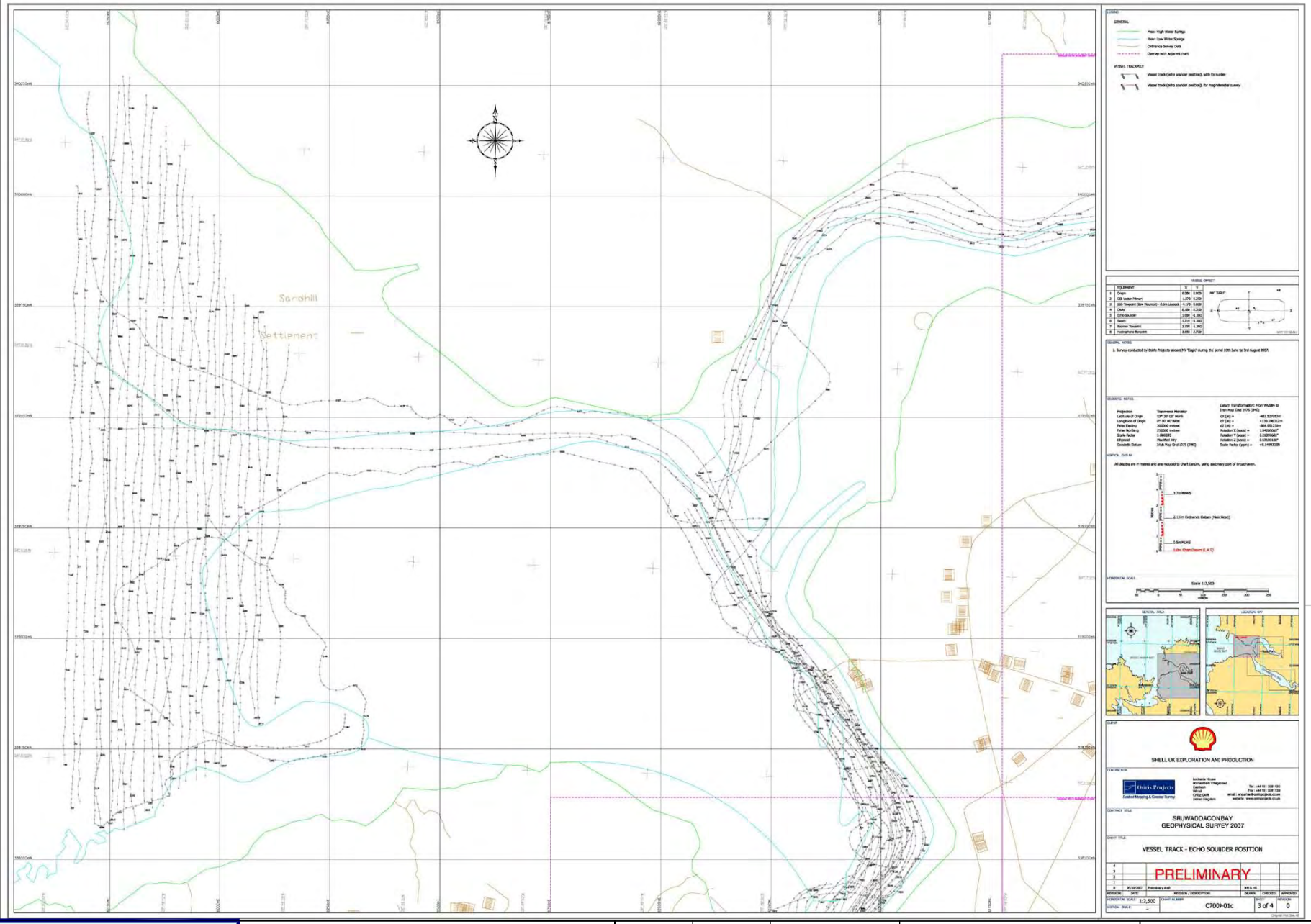
Notes
Figure provided by Osiris Projects Ltd.-
Chart No. C7009A-01B

Job/Exc No.	Compiled by	CAD reference	Client
07D038, 07D040 07R169, 07R170	R.Bangerter	CorribSurvey	RPS Group Ltd.
Date	**Scale**	**Drawing No.**	**Project**
21.11.07	As Shown	Figure 6	Corrib On-shore Gas Pipeline Project

Title
Figure 6- Vessel Track Plots from the Geophysical Survey of Sruwaddacon Bay.



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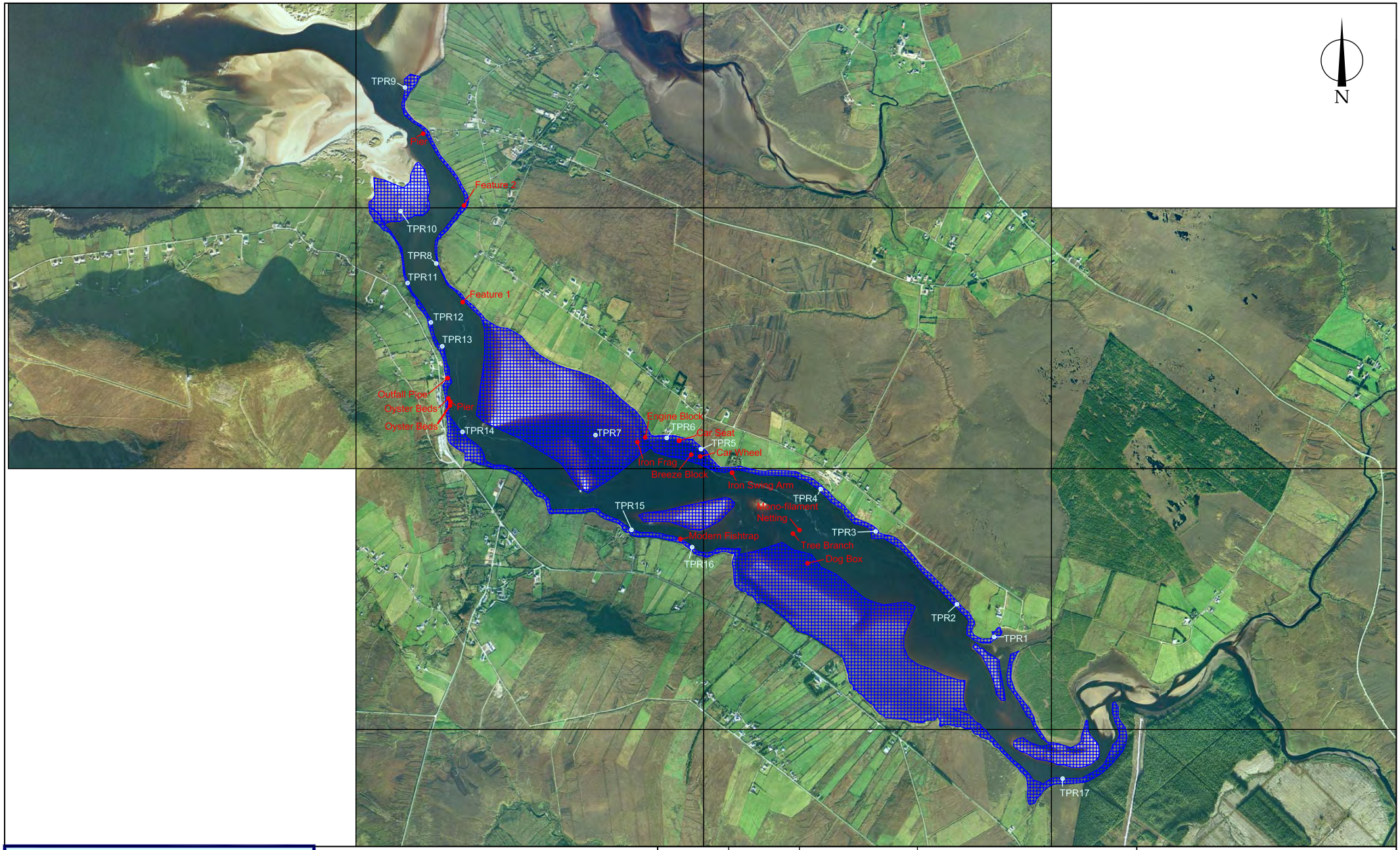
Notes
Figure provided by Osiris Projects Ltd.-
Chart No. C7009-01C

Job/Exc No.	Compiled by	CAD reference	Client
07D038, 07D040 07R169, 07R170	R.Bangerter	CorribSurvey	RPS Group Ltd.
Date	**Scale**	**Drawing No.**	**Project**
21.11.07	As Shown	Figure 7	Corrib On-shore Gas Pipeline Project

Title
Figure 7- Vessel Track Plots from the Geophysical Survey of Sruwaddacon Bay.



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Notes

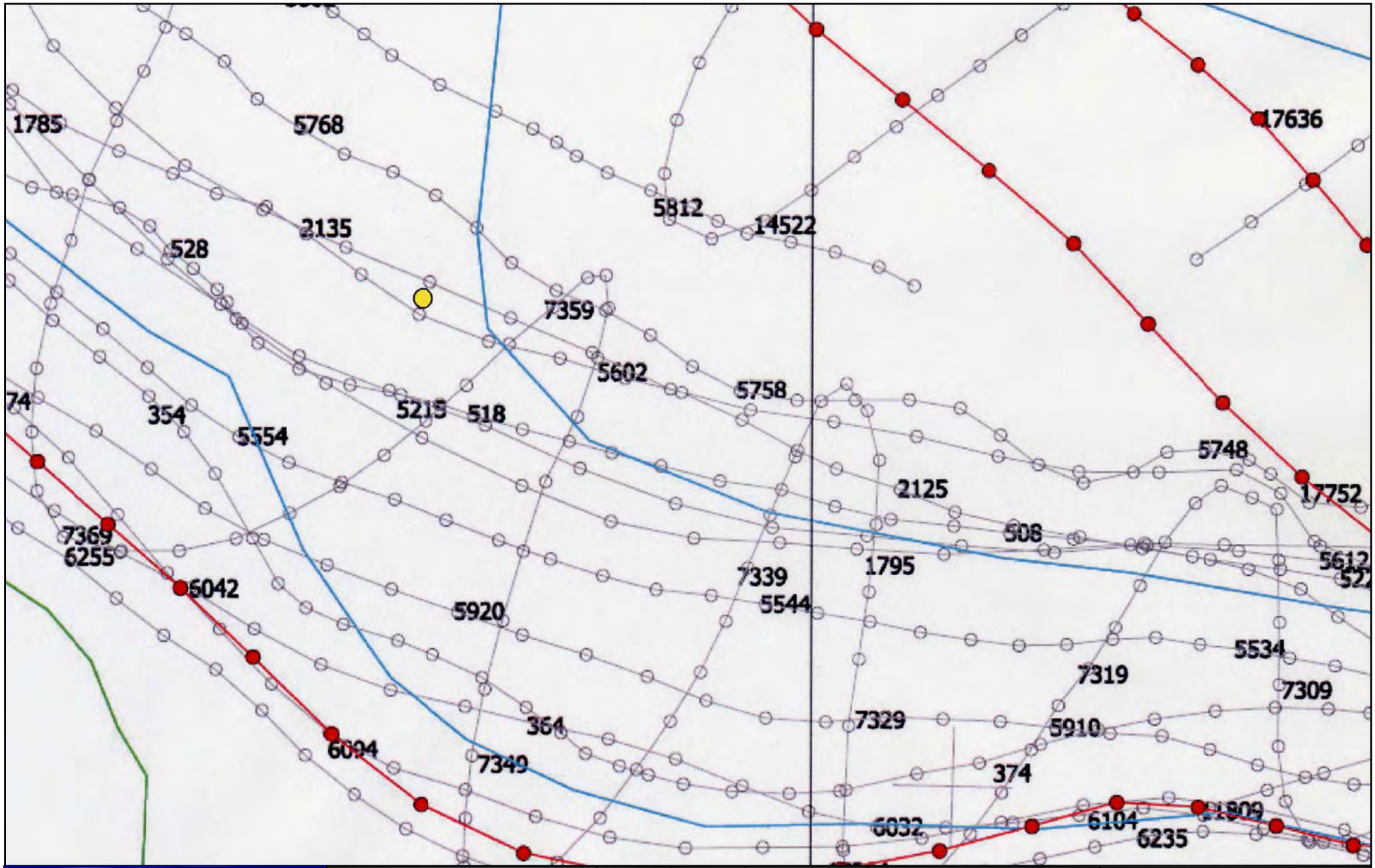
Extent of ADCO Fieldwalking along Sruwaddacon Bay (undertaken between the Low Water and High Water Mark).

Topographic Reference Point (TRP)

Feature or Observation

Job/Exc No.	Compiled by	CAD reference	Client
07D038, 07D040 07R169, 07R170	R.Bangerter	CorribSurvey	RPS Group Ltd.
Date	**Scale**	**Drawing No.**	**Project**
21.11.07	1:20,000	Figure 8	Corrib On-shore Gas Pipeline Project

Title
Figure 8- Extract from Projcet Drawing showing extent of the ADCO Inter-tidal Survey within Sruwaddacon Bay, location of Topographic Reference Points, and location of Field-walking Observations.



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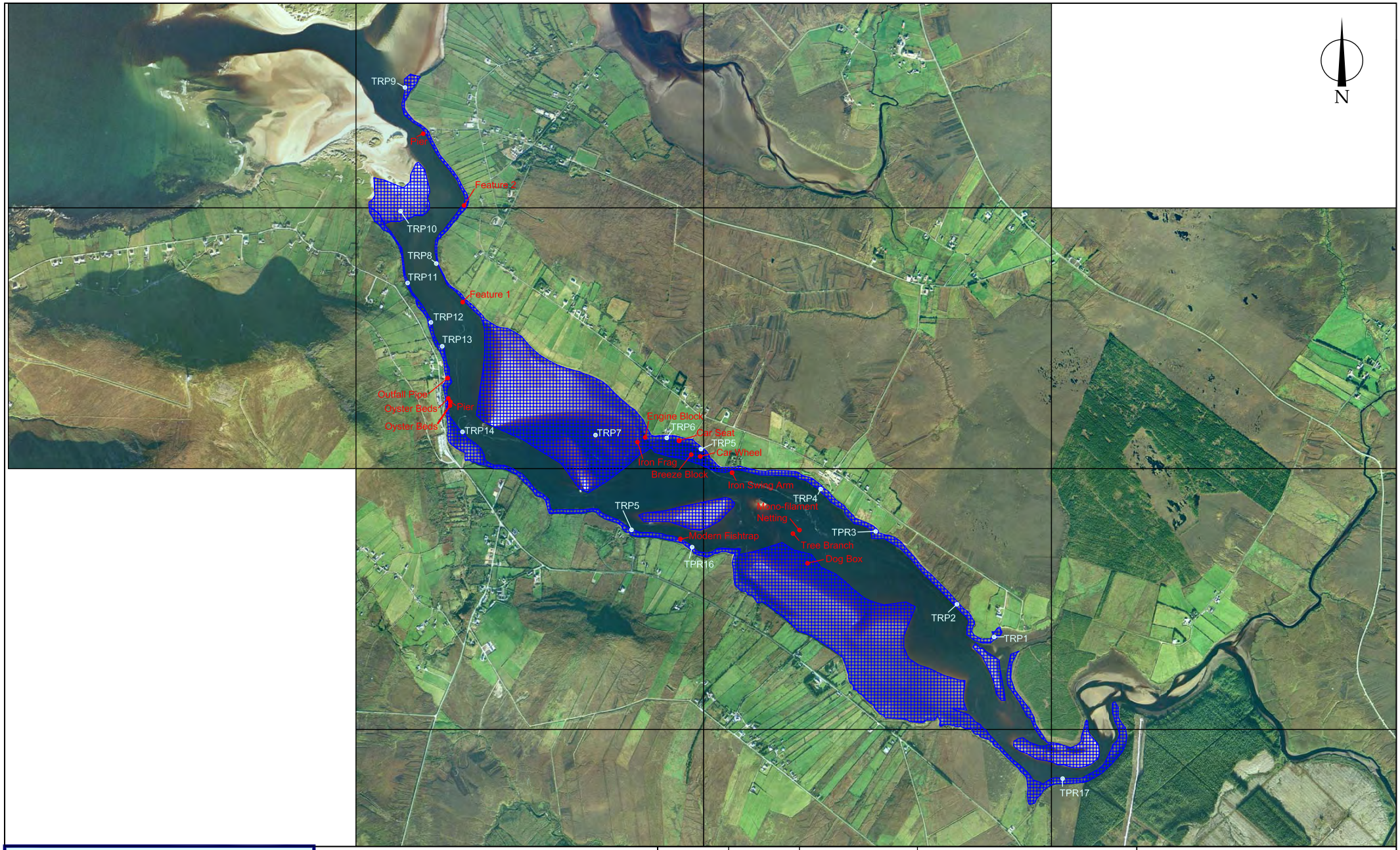
Notes	Job/Exc No.	Compiled by	CAD reference	Client	Title
The absence of nearby magnetometer tracklines (in red) explains why the magnetometer data does not identify the car wheel.	07D038,07R169 07D040,07R170	R.Bangerter	CorribSurvey	RPS Group Ltd.	Figure 9- Detail from Trackplot C7009a-01b, showing the location of (ss3) in Yellow, at side-scan sonar Fix 5217.
	Date 21.11.07	Scale N.T.S.	Drawing No. Figure 9	Project Corrib Onshore Gas Pipeline Project	



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Notes

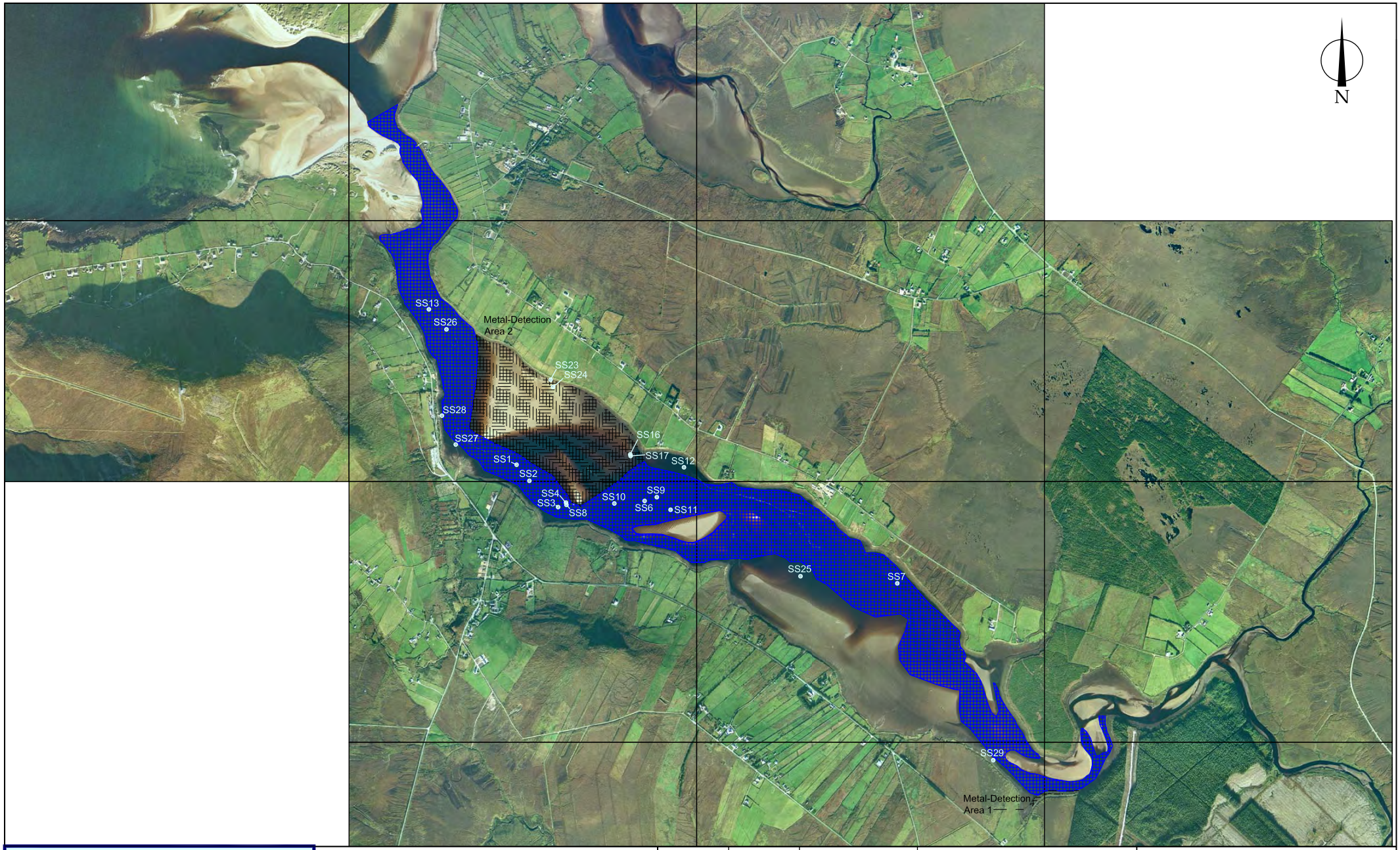
Extent of ADCO Fieldwalking along Sruwaddacon Bay (undertaken between the Low Water and High Water Mark).

Topographic Reference Point (TRP)

Feature or Observation

Job/Exc No.	Compiled by	CAD reference	Client
07D038, 07D040 07R169, 07R170	R.Bangerter	CorribSurvey	RPS Group Ltd.
Date	**Scale**	**Drawing No.**	**Project**
21.11.07	1:20,000	Figure 10	Corrib On-shore Gas Pipeline Project

Title
Figure 10- Extract from Projcet Drawing showing extent of the ADCO Inter-tidal Survey within Sruwaddacon Bay, location of Topographic Reference Points, and location of Field-walking Observations.



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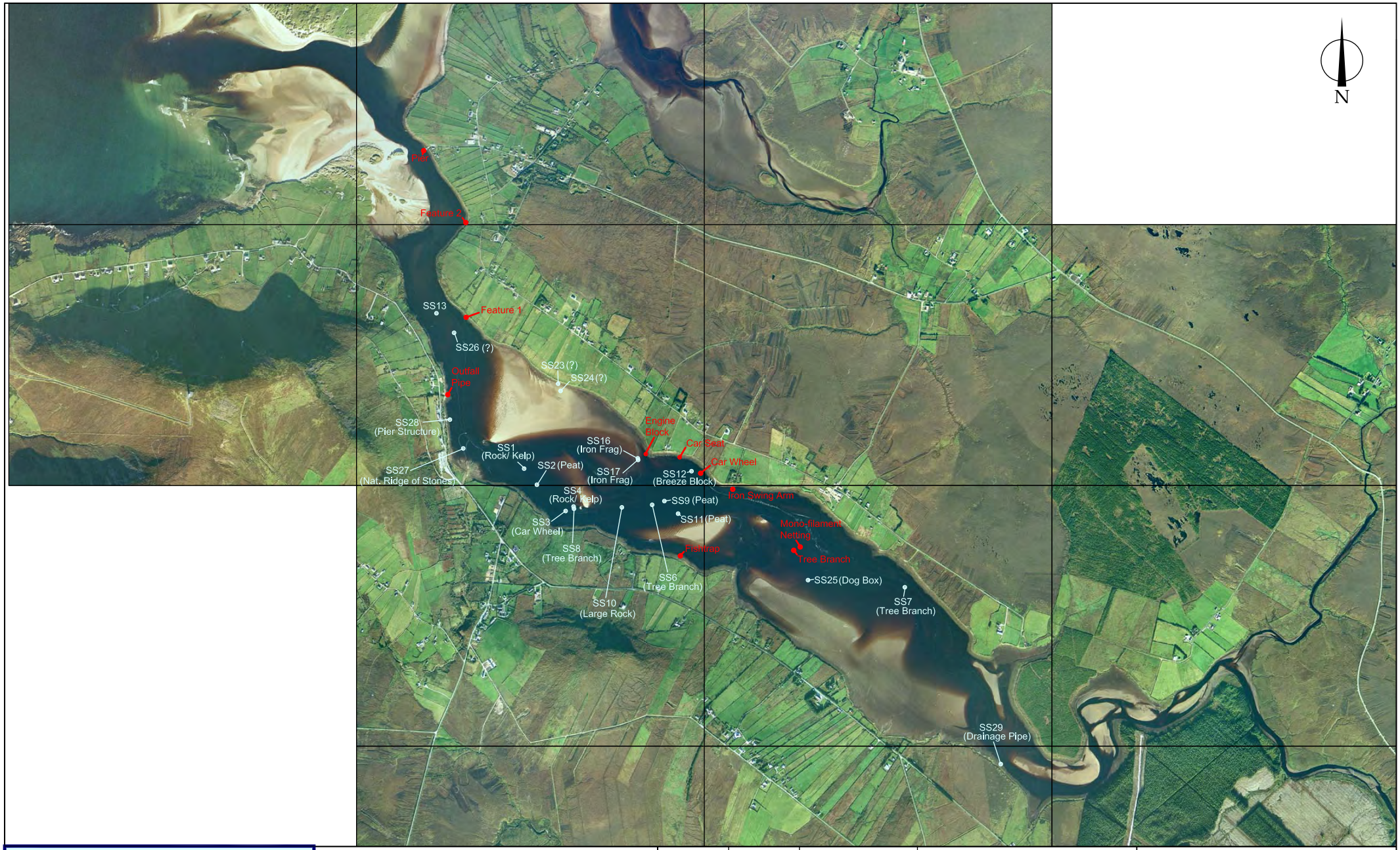
Notes

- Side Scan Sonar Anomaly
- Extent of Underwater Survey within Sruwaddacon Bay
- Extent of Metal-Detection Survey within Sruwaddacon Bay

Job/Exc No.	Compiled by	CAD reference	Client
07D038, 07R169 07D040, 07R170	R.Bangerter	CorribSurvey	RPS Group Ltd.
Date	**Scale**	**Drawing No.**	**Project**
26.09.07	1:20,000	Figure 11	Corrib On-shore Gas Pipeline Project

Title

Figure 11- Extract of Project Drawing showing location of Geophysical Anomalies identified for inspection & extent of Underwater/ Metal Detection Survey within Sruwaddacon Bay.



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Notes

Side Scan Sonar Anomaly

Feature or Observation

Job/Exc No.	Compiled by	CAD reference	Client
07D038, 07R168 07D040, 07R170	R.Bangerter	CorribSurvey	RPS Group Ltd.
Date	**Scale**	**Drawing No.**	**Project**
26.09.07	1:20,000	Figure 12	Corrib On-shore Gas Pipeline Project

Title
Figure 12- Extract of Project Drawing showing location of identified Side-scan Sonar Anomalies and Assessment Observations.

Plate 1: Working shot of metal-detection survey at Area 1 (See Figure 9 for location).

Plate 1: North-facing view of raised peat deposit along upper foreshore at TRP1 (1m scale).

Plate 2: West-facing view of inter-tidal zone and upper foreshore at TRP1.

Plate 3: North-facing view of upper foreshore at TRP 2 (1m scale).

Plate 4: West-facing view of upper and inter-tidal zone at TRP 2.

Plate 5: South-facing view of inter-tidal zone, running down to the LWM at TRP2.

Plate 6: North-facing view of upper foreshore area at TRP 3 (1m scale).

Plate 7: West-facing view of inter-tidal zone at TRP 3.

Plate 8: Southeast-facing view of inter-tidal zone at TRP 3, LWM in middle distance.

Plate 9: North-facing view of bedrock outcrop forming the upper foreshore at TRP 4 (1m scale).

Plate 10: West-facing view of inter-tidal zone at TRP 4.

Plate 11: South-facing view of inter-tidal zone, running down to the LWM, at TRP 4.

Plate 12: North-facing view of upper foreshore at TRP 5; note erosion of bank structure (1m scale).

Plate 13: West-facing view of inter-tidal zone at TRP 5.

Plate 14: South-facing view of Inter-tidal zone at TRP 5.

Plate 15: North-facing view of upper foreshore at TRP 6 (1m scale).

Plate 16: West-facing view of inter-tidal zone at TRP 6.

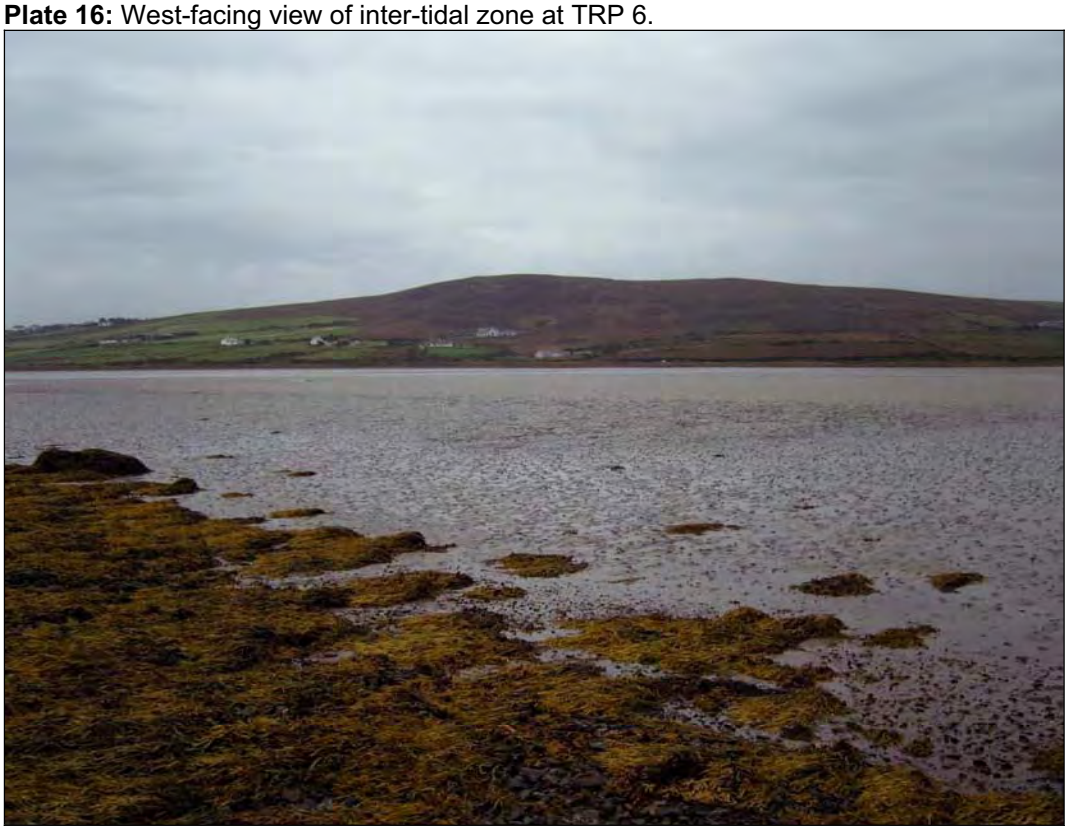

Plate 17: Southeast-facing view of inter-tidal zone at TRP6.

Plate 18: North-facing view across inter-tidal sandbank at TRP 7.

Plate 19: West-facing view across inter-tidal sandbank at TRP 7.

Plate 20: South-facing view across inter-tidal sandbank at TRP 7.

Plate 21: North-facing view of bedrock outcropping located along the upper foreshore at TRP 8 (1m scale).

Plate 22: West-facing view of inter-tidal zone at TRP 8.

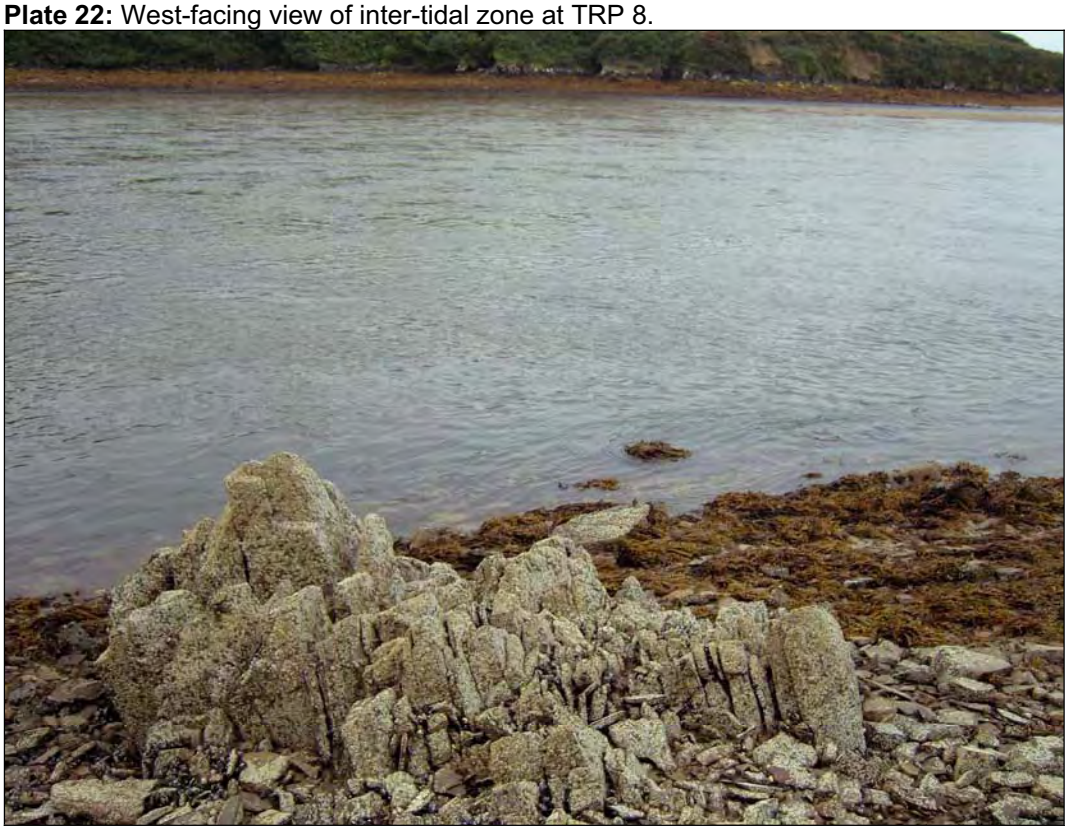

Plate 23: South-facing view of inter-tidal zone at TRP 8.

Plate 24: Southeast-facing view of inter-tidal zone at TRP 9 (1m scale).

Plate 25: Northwest-facing view of inter-tidal zone located at the mouth of the Gweendany River Estuary, TRP 9 (1m scale).

Plate 26: Southeast-facing view of inter-tidal-zone at TRP 10.

Plate 27: Detail-shot of composition of the sandbank along the LWM at TRP 10.

Plate 28: South-facing view of upper foreshore at TRP 11 (1m scale).

Plate 29: East-facing view of inter-tidal zone at TRP 11.

Plate 30: Northwest-facing view, taken from LWM, at TRP 11.

Plate 31: East-facing view of inter-tidal zone at TRP 12.

Plate 32: North-facing view of inter-tidal zone at TRP 12.

Plate 33: South-facing view of upper foreshore at TRP 13 (1m scale).

Plate 34: South-facing view of inter-tidal zone and inlet where a tributary of the Bellanboy River discharges in to the bay at TRP 14.

Plate 35: East-facing view along LWM at TRP 14.

Plate 36: North-facing view bay taken from LWM, TRP 14.

Plate 37: South-facing view of upper foreshore at TRP 15 (1m scale).

Plate 38: East-facing view of inter-tidal zone at TRP15.

Plate 39: South-facing view of inter-tidal zone at TRP 15.

Plate 40: South-facing view of upper foreshore at TRP 16 (1m scale).

Plate 41: East-facing view of inter-tidal zone at TRP 16.

Plate 42: Northwest-facing view of inter-tidal zone at TRP 16; tender boat in background.

Plate 43: East-facing view of upper foreshore at TRP 17 (1m scale).

Plate 44: South-facing view of upper foreshore and inter-tidal zone at TRP 17 (1m scale).

Plate 45: West-facing view of inter-tidal zone at TRP 17 (1m scale).

Plate 46: West-facing view of Feature 1, located along the upper limit of the inter-tidal zone (1m scale ranging rods).

Plate 47: North-facing view of Feature 2, ruined boat house, located along the upper foreshore (1m scale ranging rods).

Plate 48: North-facing view of Feature 2, ruined boat house and associated dwelling (1m scale ranging rods).

Plate 49: Shot of SS12, Seaweed covered Breeze-block and small scour hole.

Plate 50: Shot of SS16, Fragment of Iron (machine part) with scour hole and snagged mono-filament netting

Plate 51: Shot of SS25, Dog Hutch located within large scour hole.