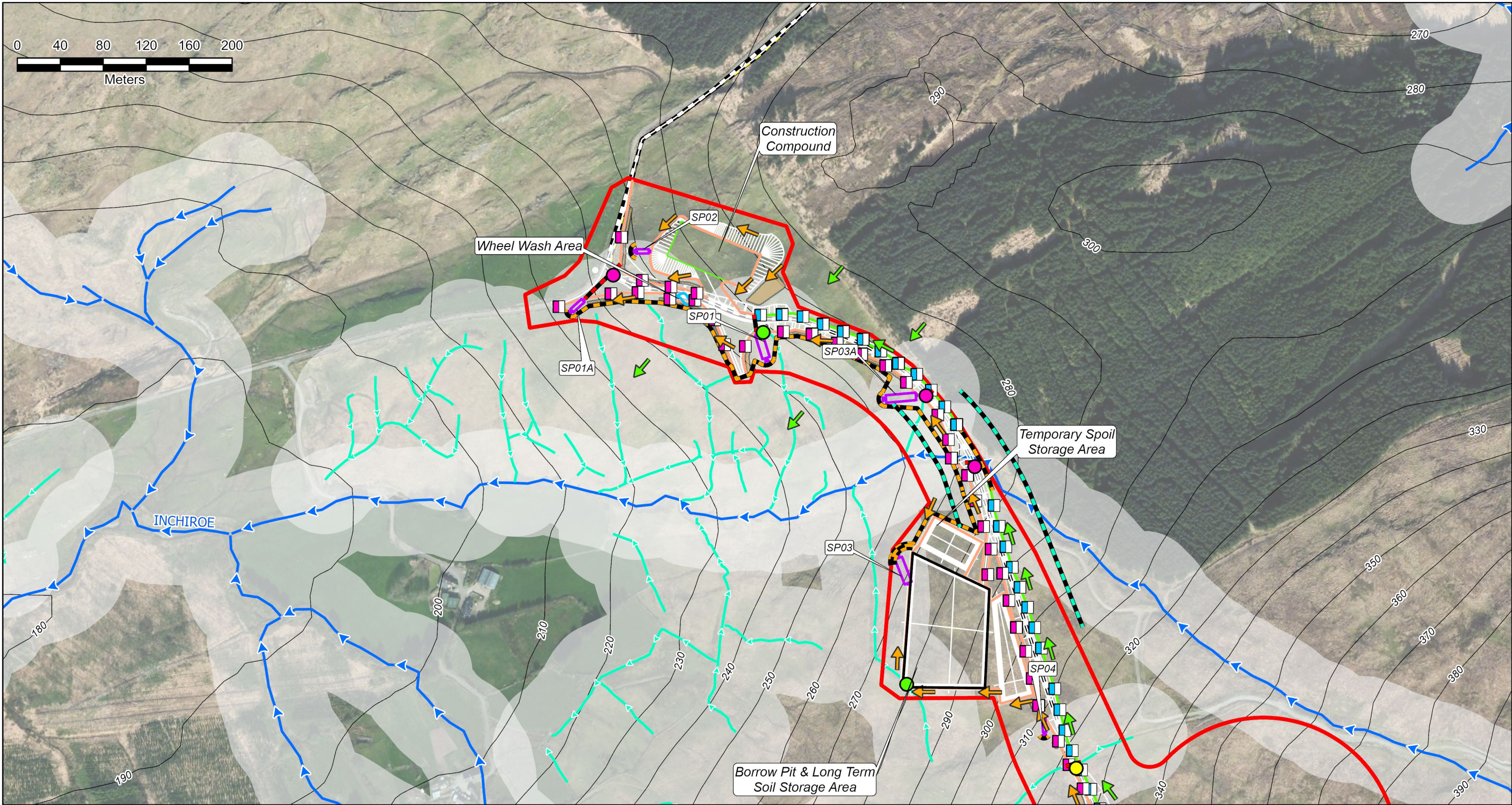




Legend

— EIAR Boundary

— Design Layout

□ Borrow Pit & Long Term Soil Storage

— 10m Contours

— River Network

— Drainage Channel (Surveyed)

— 50m Buffer Zone

— Temporary Spoil Storage

— Settlement Ponds

∞ Wheel Wash Area

— Clean Water Drains

— Dirty Water Drains

□ Check Dams on Dirty Water

□ Check Dams on Clean Water

→ Clean Water Flow

→ Dirty Water Flow

— Silt Fencing

— Double Silt Fencing

— Protection Barrier Rope During Works

Watercourse Crossings & Diversions

● Existing Culvert

● Proposed Culvert

● Possible Drain Diversion

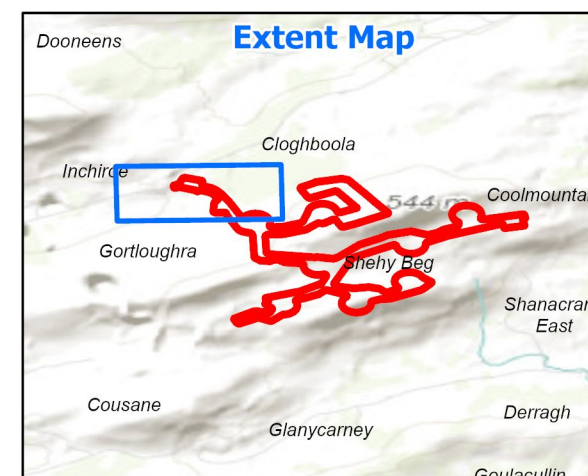
— Pipe Crossing Locations

Grid Connection Route Options

— Both Grid Connection Route Options

— Carrigdangan Option

— Dunmanway Option



Esri, Maxar, Earthstar Geographics, CNES/Airbus DS, and the GIS User Community, Esri, HERE, Garmin, FAO, USGS, NGA, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NA: Jennings O'Donovan & Partners and EcoQuest Environmental.

Client: Jennings O'Donovan & Partners

Project: Gortloughra Wind Farm

Map Title: Consolidated Drainage and Hydrology Controls Maps.

Spatial Reference
Name: IRENET95 Irish Transverse Mercator

Figure Number: 9.17 (Part A)

Page Size: A3

Date Exported: 01/05/2026

Scale: 1:3,500

Revision Number: 1

Prepared By: DP

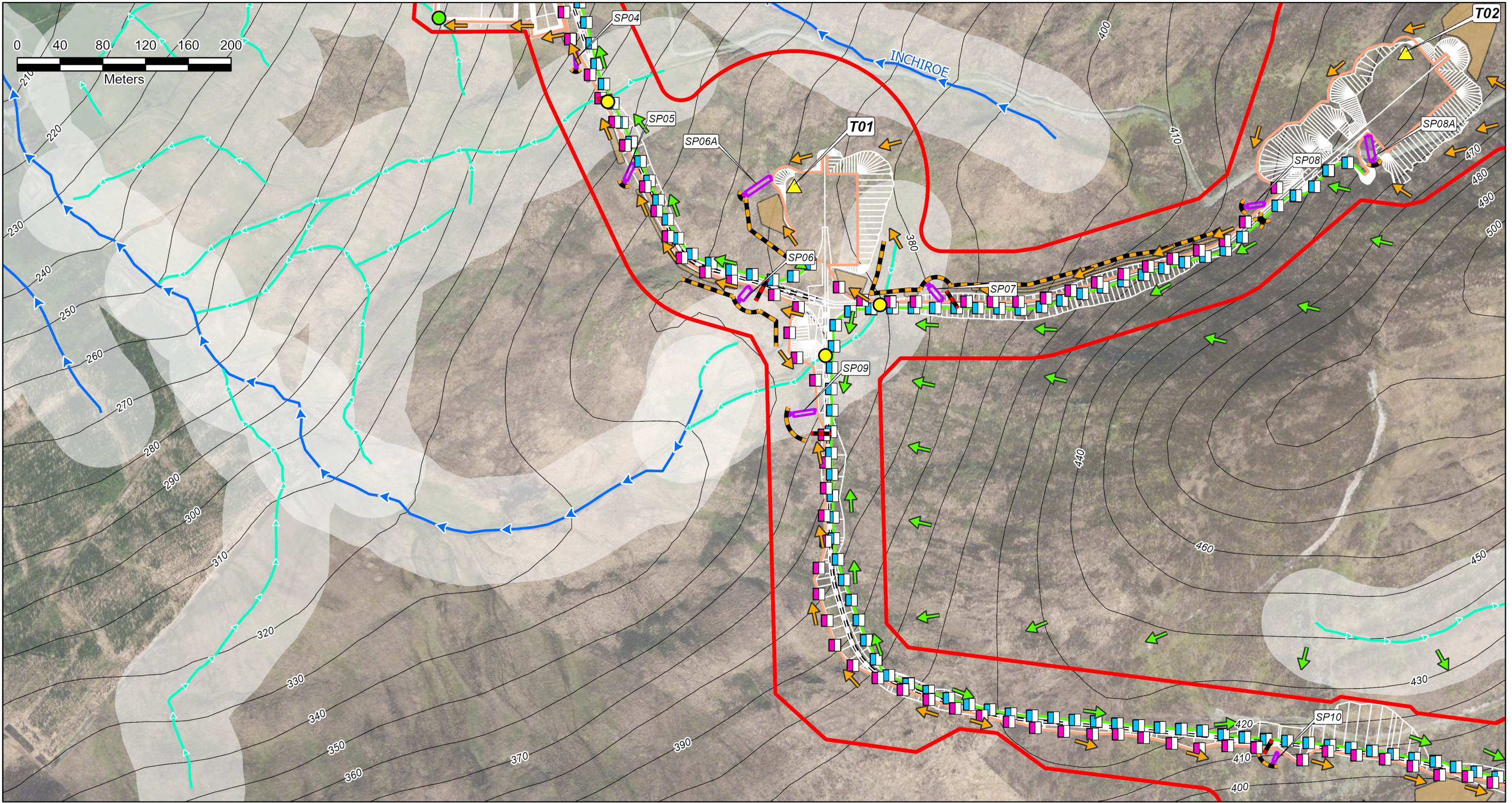
Tel: +353 (91) 897 583

Checked By: AG

Email: info@ecoquest.ie

Web: www.ecoquest.ie





Legend

— EIAR Boundary

▲ Turbines

— Design Layout

— 10m Contours

— River Network

— Drainage Channel (Surveyed)

— 50m Buffer Zone

— Temporary Spoil Storage

— Settlement Ponds

— Clean Water Drains

— Dirty Water Drains

— Check Dams on Dirty Water

— Check Dams on Clean Water

→ Clean Water Flow

→ Dirty Water Flow

— Silt Fencing

Watercourse Crossings & Diversions

● Proposed Culvert

● Possible Drain Diversion

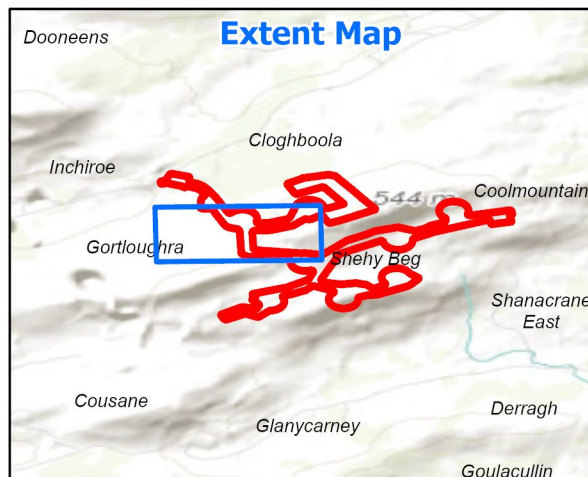
— Pipe Crossing Locations

Grid Connection Route Options

— Both Grid Connection Route Options

— Carrigdangan Option

— Dunmanway Option



Esri, Maxar, Earthstar Geographics, CNES/Airbus DS, and the GIS User Community, Esri, HERE, Garmin, FAO, USGS, NGA, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NA: Jennings O'Donovan & Partners and EcoQuest Environmental.

Client: Jennings O'Donovan & Partners

Project: Gortloughra Wind Farm

Map Title: Consolidated Drainage and Hydrology Controls Maps.

Spatial Reference Name: IREN95 Irish Transverse Mercator

Figure Number: 9.17 (Part B) Page Size: A3

Date Exported: 01/05/2026 Scale: 1:3,500

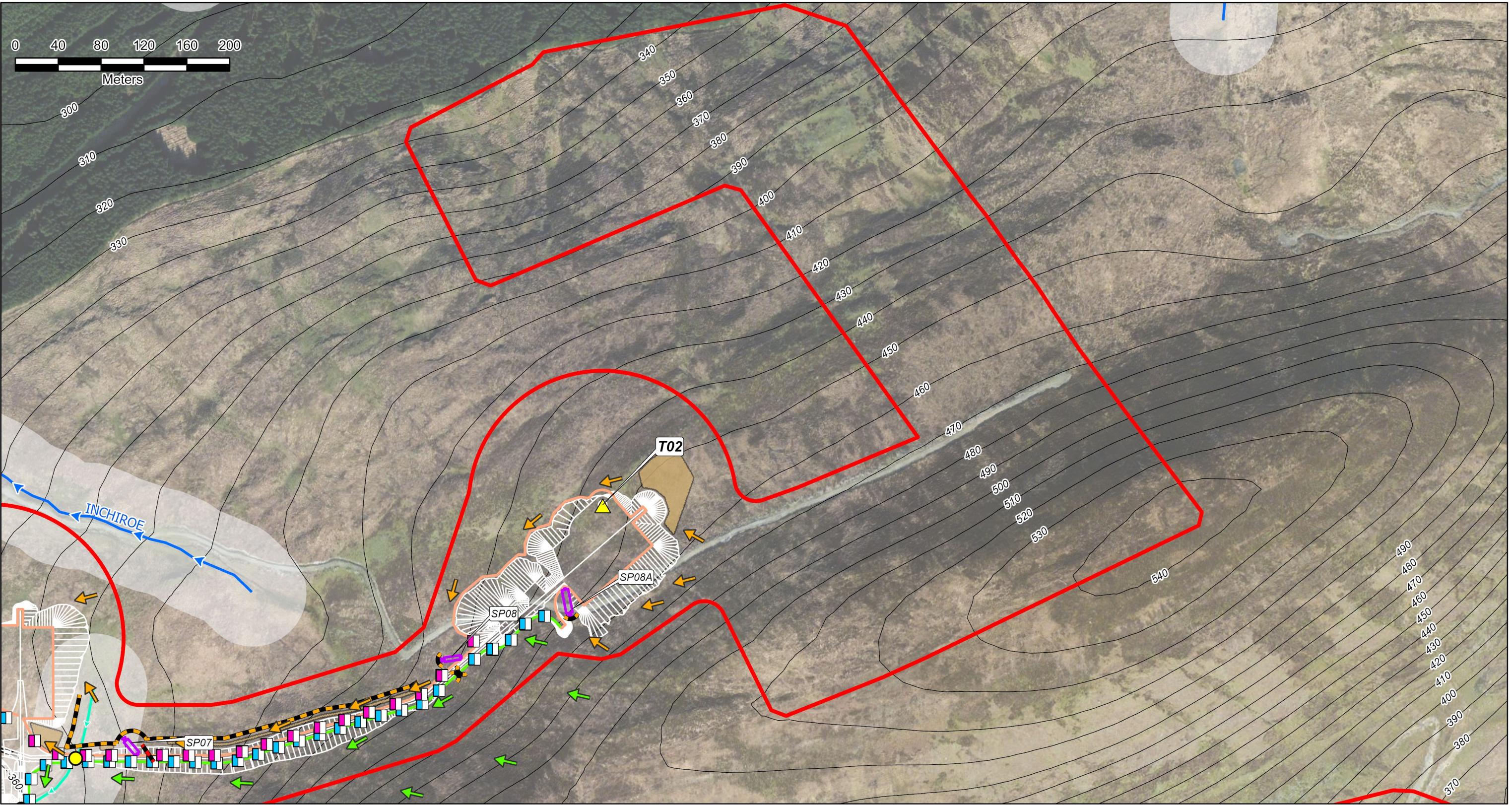
Revision Number: 1 Prepared By: DP

Tel: +353 (91) 897 583 Checked By: AG

Email: info@ecoquest.ie

Web: www.ecoquest.ie





Legend

EIAR Boundary

Turbines

Design Layout

10m Contours

River Network

Drainage Channel (Surveyed)

50m Buffer Zone

Temporary Spoil Storage

Settlement Ponds

Clean Water Drains

Dirty Water Drains

Check Dams on Dirty Water

Check Dams on Clean Water

Clean Water Flow

Dirty Water Flow

Silt Fencing

Watercourse Crossings & Diversions

Proposed Culvert

Pipe Crossing Locations

Grid Connection Route Options

Both Grid Connection Route Options

Carrigdangan Option

Dunmanway Option

N

Extent Map

Client: Jennings O'Donovan & Partners

Project: Gortloughra Wind Farm

Map Title: Consolidated Drainage and Hydrology Controls Maps.

Spatial Reference Name: IRENET95 Irish Transverse Mercator

Figure Number: 9.17 (Part C)

Date Exported: 01/05/2026

Revision Number: 1

Tel: +353 (91) 897 583

Email: info@ecoquest.ie

Web: www.ecoquest.ie

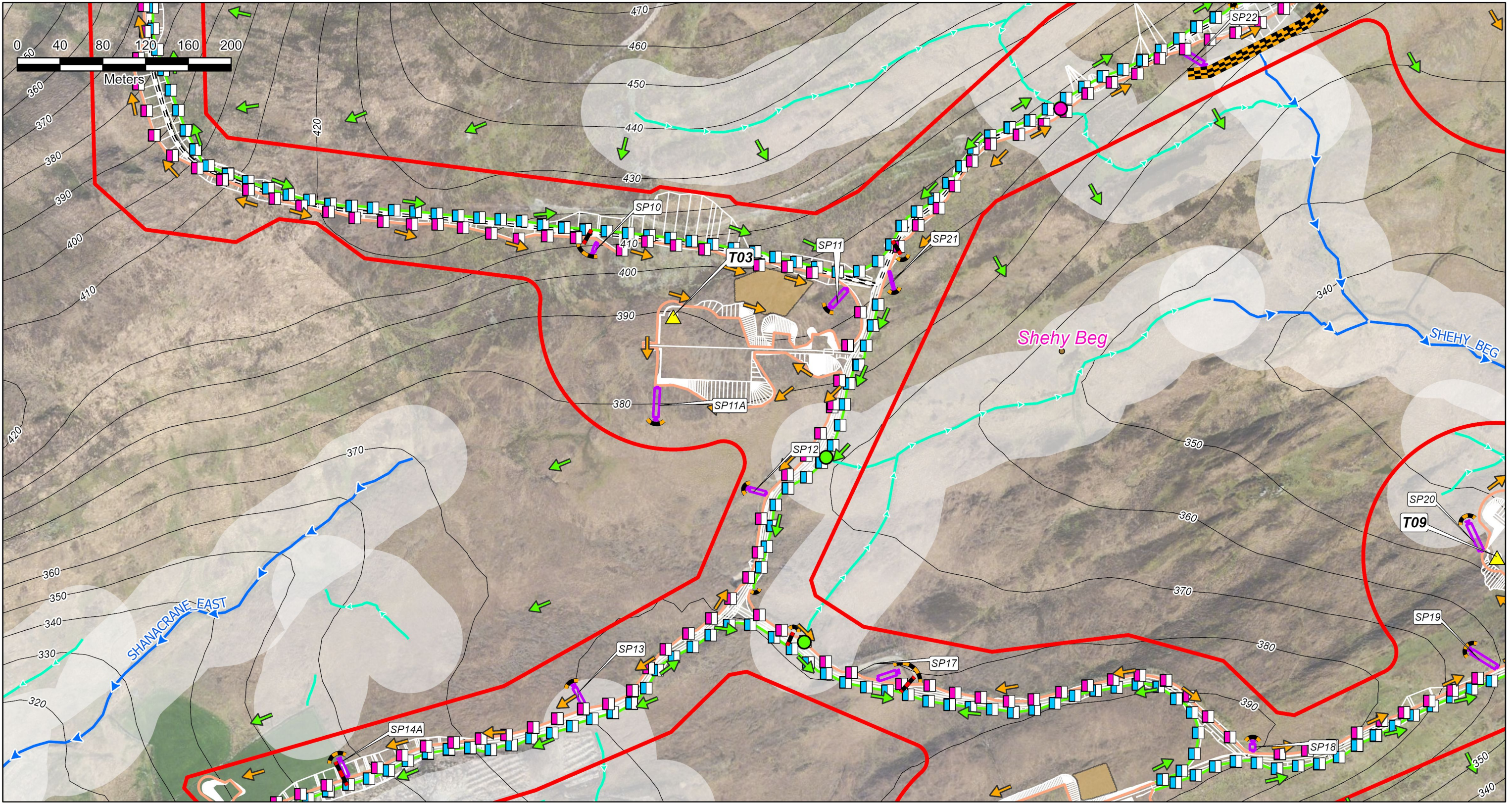
Page Size: A3

Scale: 1:3,500

Prepared By: DP

Checked By: AG

Esri, Maxar, Earthstar Geographics, CNES/Airbus DS, and the GIS User Community, Esri, HERE, Garmin, FAO, USGS, NGA, Esri, HERE, Garmin, USGS, NGA.
Jennings O'Donovan & Partners and EcoQuest Environmental.



Legend

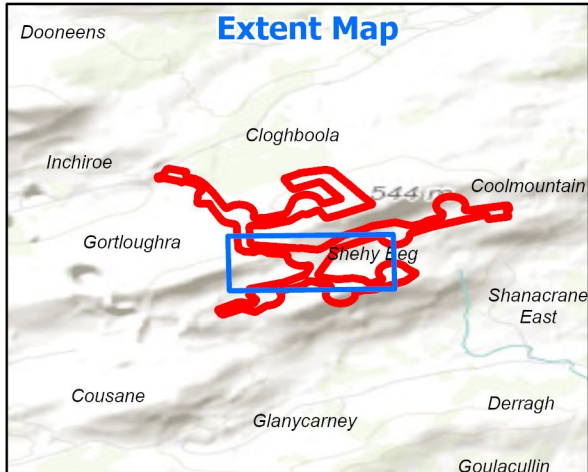
- EIAR Boundary
- ▲ Turbines
- Design Layout
- 10m Contours
- River Network
- Drainage Channel (Surveyed)
- 50m Buffer Zone
- Temporary Spoil Storage
- Settlement Ponds

- Clean Water Drains
- Dirty Water Drains
- Check Dams on Dirty Water
- Check Dams on Clean Water
- Clean Water Flow
- Dirty Water Flow
- Silt Fencing
- Double Silt Fencing

Watercourse Crossings & Diversions

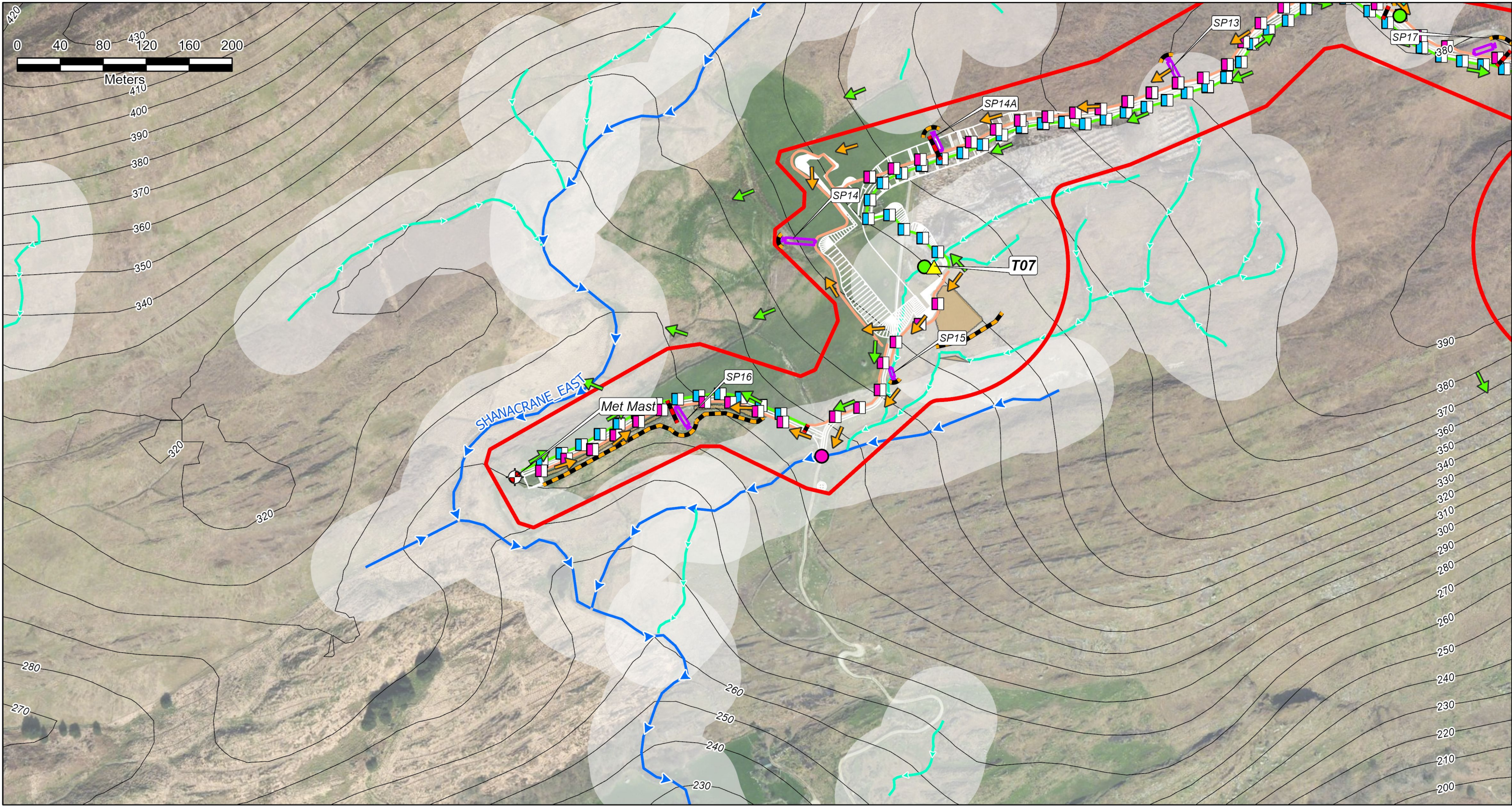
- Existing Culvert
- Possible Drain Diversion
- Pipe Crossing Locations
- Both Grid Connection Route Options
- Carrigdangan Option
- Dunmanway Option

Grid Connection Route Options



Esri, Maxar, Earthstar Geographics, CNES/Airbus DS, and the GIS User Community, Esri, HERE, Garmin, FAO, USGS, NGA, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA. Jennings O'Donovan & Partners and EcoQuest Environmental.

Client: Jennings O'Donovan & Partners	
Project: Gortloughra Wind Farm	
Map Title: Consolidated Drainage and Hydrology Controls Maps.	
Spatial Reference Name: IREN95 Irish Transverse Mercator	
Figure Number: 9.17 (Part D)	Page Size: A3
Date Exported: 01/05/2026	Scale: 1:3,500
Revision Number: 1	Prepared By: DP
Tel: +353 (91) 897 583	Checked By: AG
Email: info@ecoquest.ie	
Web: www.ecoquest.ie	



Legend

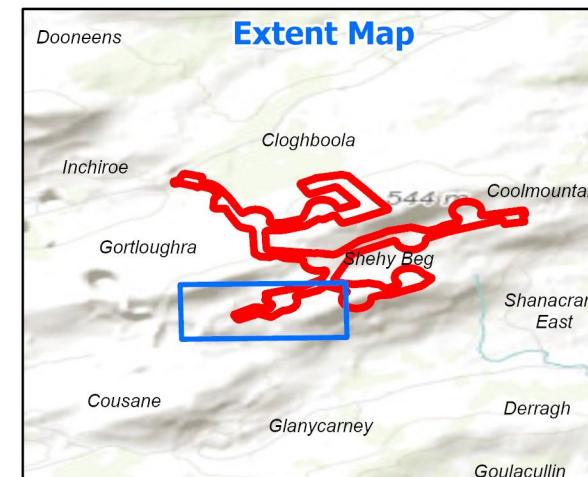
- EIAR Boundary
- ▲ Turbines
- Design Layout
- Met Mast
- 10m Contours
- River Network
- Drainage Channel (Surveyed)

- 50m Buffer Zone
- Temporary Spoil Storage
- Settlement Ponds
- Clean Water Drains
- Dirty Water Drains
- Check Dams on Dirty Water
- Check Dams on Clean Water

- Clean Water Flow
- Dirty Water Flow
- Silt Fencing

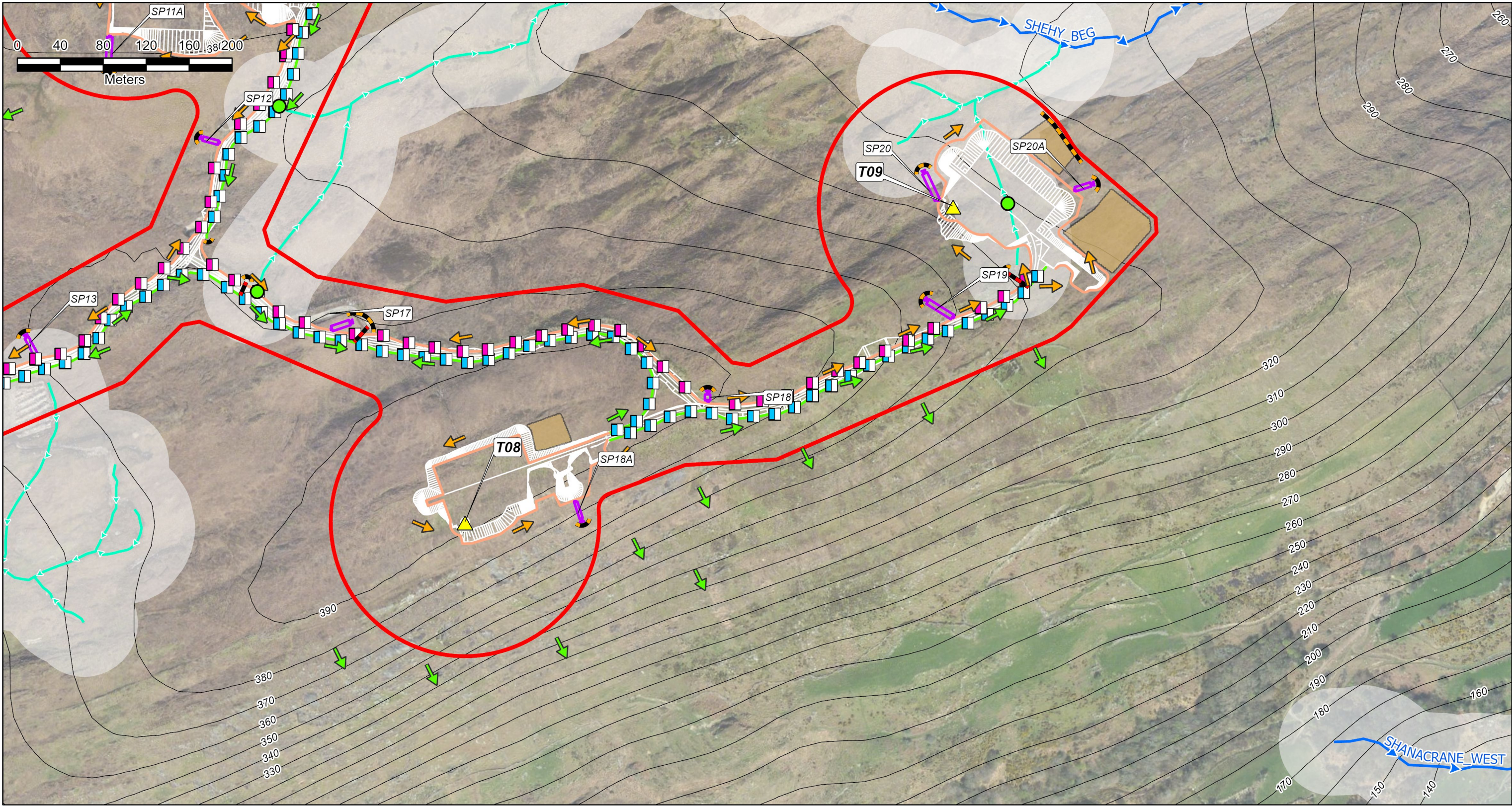
Watercourse Crossings & Diversions

- Existing Culvert
- Possible Drain Diversion
- Pipe Crossing Locations



Esri, Maxar, Earthstar Geographics, CNES/Airbus DS, and the GIS User Community, Esri, HERE, Garmin, FAO, USGS, NGA, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NA: Jennings O'Donovan & Partners and EcoQuest Environmental.

Client: Jennings O'Donovan & Partners	
Project: Gortloughra Wind Farm	
Map Title: Consolidated Drainage and Hydrology Controls Maps.	
Spatial Reference Name: IREN95 Irish Transverse Mercator	
Figure Number: 9.17 (Part E)	Page Size: A3
Date Exported: 01/05/2026	Scale: 1:3,500
Revision Number: 1	Prepared By: DP
Tel: +353 (91) 897 583	Checked By: AG
Email: info@ecoquest.ie	
Web: www.ecoquest.ie	



Legend

— EIAR Boundary

▲ Turbines

— Design Layout

— 10m Contours

— River Network

— Drainage Channel (Surveyed)

— 50m Buffer Zone

Temporary Spoil Storage

Settlement Ponds

Clean Water Drains

— Dirty Water Drains

Check Dams on Dirty Water

Check Dams on Clean Water

Clean Water Flow

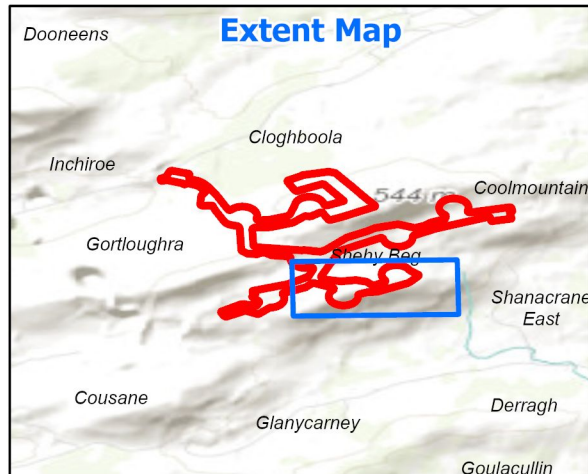
Dirty Water Flow

Silt Fencing

Watercourse Crossings & Diversions

Possible Drain Diversion

Pipe Crossing Locations



Esri, Maxar, Earthstar Geographics, CNES/Airbus DS, and the GIS User Community, Esri, HERE, Garmin, FAO, USGS, NGA, Esri, HERE, Garmin, USGS, NGA.
Jennings O'Donovan & Partners and EcoQuest Environmental.

Client: Jennings O'Donovan & Partners

Project: Gortloughra Wind Farm

Map Title: Consolidated Drainage and Hydrology Controls Maps.

Spatial Reference
Name: IRENET95 Irish Transverse Mercator

Figure Number: 9.17 (Part F) Page Size: A3

Date Exported: 01/05/2026 Scale: 1:3,500

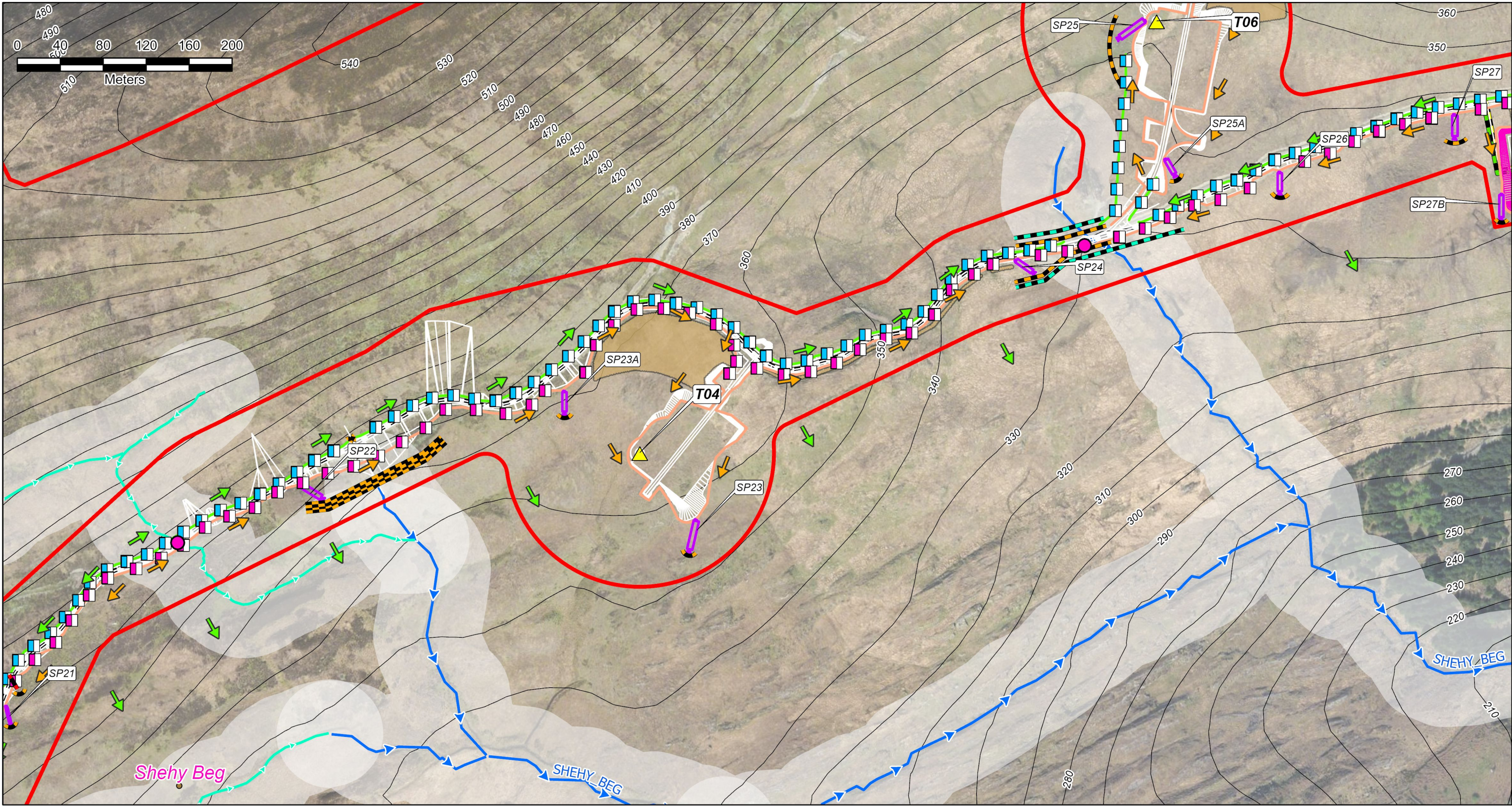
Revision Number: 1 Prepared By: DP

Tel: +353 (91) 897 583 Checked By: AG

Email: info@ecoquest.ie

Web: www.ecoquest.ie



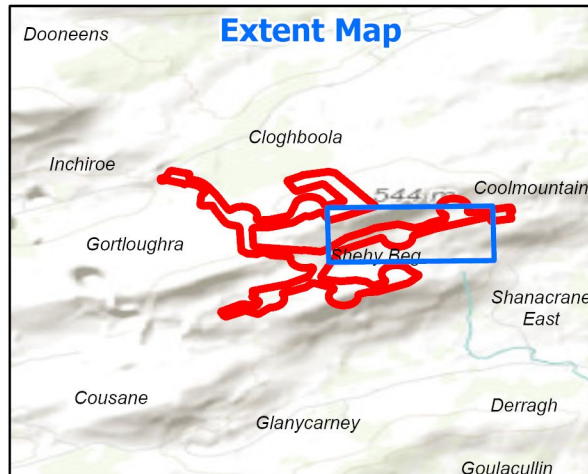


Legend

- EIAR Boundary
- ▲ Turbines
- Design Layout
- Substation
- 10m Contours
- River Network
- Drainage Channel (Surveyed)
- 50m Buffer Zone
- Temporary Spoil Storage

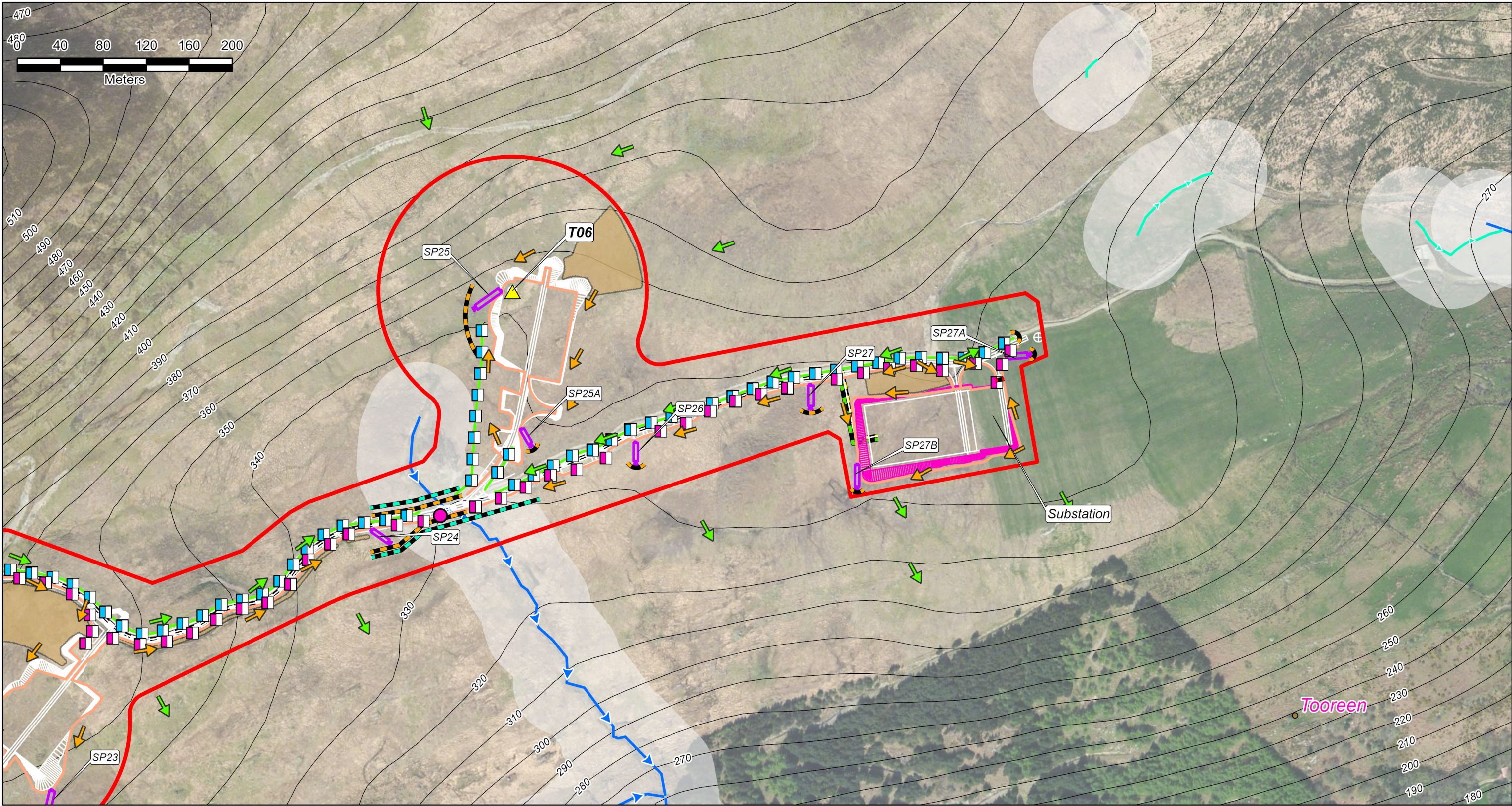
- Settlement Ponds
- Clean Water Drains
- Dirty Water Drains
- Check Dams on Dirty Water
- Check Dams on Clean Water
- Clean Water Flow
- Dirty Water Flow
- Silt Fencing
- Double Silt Fencing

- Protection Barrier Rope During Works
- Watercourse Crossings & Diversions**
 - Existing Culvert
 - Pipe Crossing Locations
- Grid Connection Route Options**
 - Both Grid Connection Route Options
 - Carrigdangan Option
 - Dunmanway Option



Esri, Maxar, Earthstar Geographics, CNES/Airbus DS, and the GIS User Community, Esri, HERE, Garmin, FAO, USGS, NGA, Esri, HERE, Garmin, USGS, NGA.
Jennings O'Donovan & Partners and EcoQuest Environmental.

Client: Jennings O'Donovan & Partners	
Project: Gortloughra Wind Farm	
Map Title: Consolidated Drainage and Hydrology Controls Maps.	
Spatial Reference Name: IREN95 Irish Transverse Mercator	
Figure Number: 9.17 (Part G)	Page Size: A3
Date Exported: 01/05/2026	Scale: 1:3,500
Revision Number: 1	Prepared By: DP
Tel: +353 (91) 897 583	Checked By: AG
Email: info@ecoquest.ie	
Web: www.ecoquest.ie	



Legend

— EIAR Boundary

▲ Turbines

— Design Layout

— Substation

— 10m Contours

— River Network

— Drainage Channel (Surveyed)

— 50m Buffer Zone

— Temporary Spoil Storage

— Settlement Ponds

— Clean Water Drains

— Dirty Water Drains

— Check Dams on Dirty Water

— Check Dams on Clean Water

— Clean Water Flow

— Dirty Water Flow

— Silt Fencing

— Protection Barrier Rope During Works

Watercourse Crossings & Diversions

● Existing Culvert

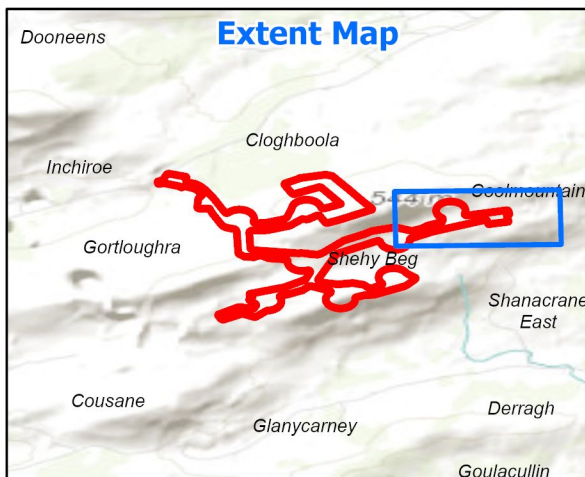
— Pipe Crossing Locations

Grid Connection Route Options

— Both Grid Connection Route Options

— Carrigdangan Option

— Dunmanway Option



Esri, Maxar, Earthstar Geographics, CNES/Airbus DS, and the GIS User Community, Esri, HERE, Garmin, FAO, USGS, NGA, Esri, HERE, Garmin, USGS, NGA.
Jennings O'Donovan & Partners and EcoQuest Environmental.

Client: Jennings O'Donovan & Partners

Project: Gortloughra Wind Farm

Map Title: Consolidated Drainage and Hydrology Controls Maps.

Spatial Reference
Name: IREN95 Irish Transverse Mercator

Figure Number: 9.17 (Part H) Page Size: A3

Date Exported: 01/05/2026 Scale: 1:3,500

Revision Number: 1 Prepared By: DP

Tel: +353 (91) 897 583 Checked By: AG

Email: info@ecoquest.ie

Web: www.ecoquest.ie

