




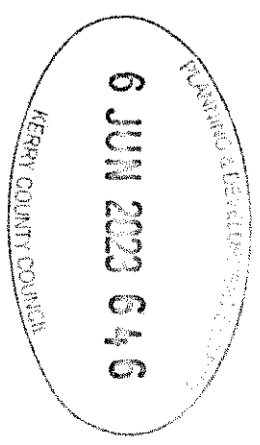


Esri, Intermap, NASA, NGA, USGS, Esri, HERE, Garmin, FourSquare, FAO, MET/NASA, USGS, © Ordnance Survey, Ireland

Legend

-  Red Line Boundary
-  Grid Connection
-  Ballyvouskill 220kV Substation
-  County Kerry
-  Rest of Ireland

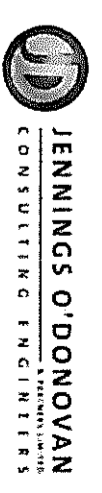


Rev	Date	By	Comment

Client

Inchamore Wind DAC

Client Representative



Project

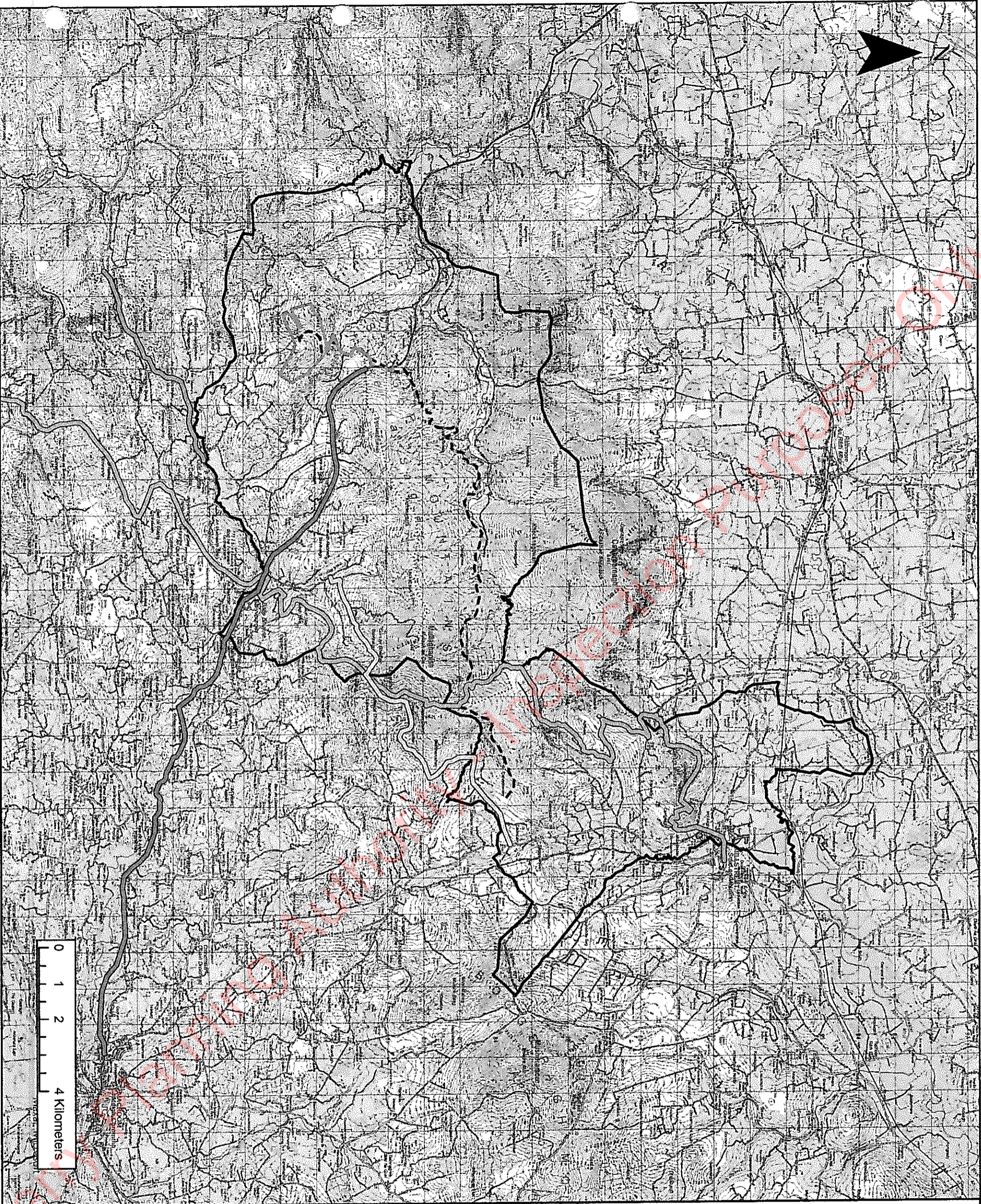
Proposed Wind Farm at Inchamore, Coolea, Co. Cork.

Title

Study Area 3: Kerry County

CYAL5013915
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Drg. By	SME	Drg No	-
Checked By	SM	Rev	2
Stage	EIAR	Date	24/03/23
Scale	1: 550,000 (A3)	Figure	4.3

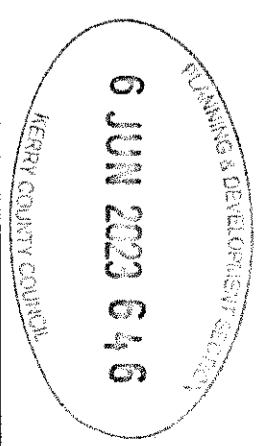


Legend

- Study Area 1
- Red Line Boundary
- Grid Connection
- Beara to Breifne Way

Scenic Routes

- S22
- S23
- S24

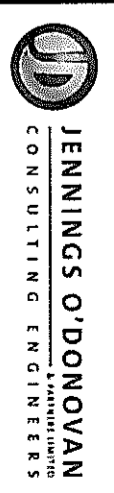


Rev	Date	By	Comment

Client

Inchamore Wind DAC

Client Representative



Project

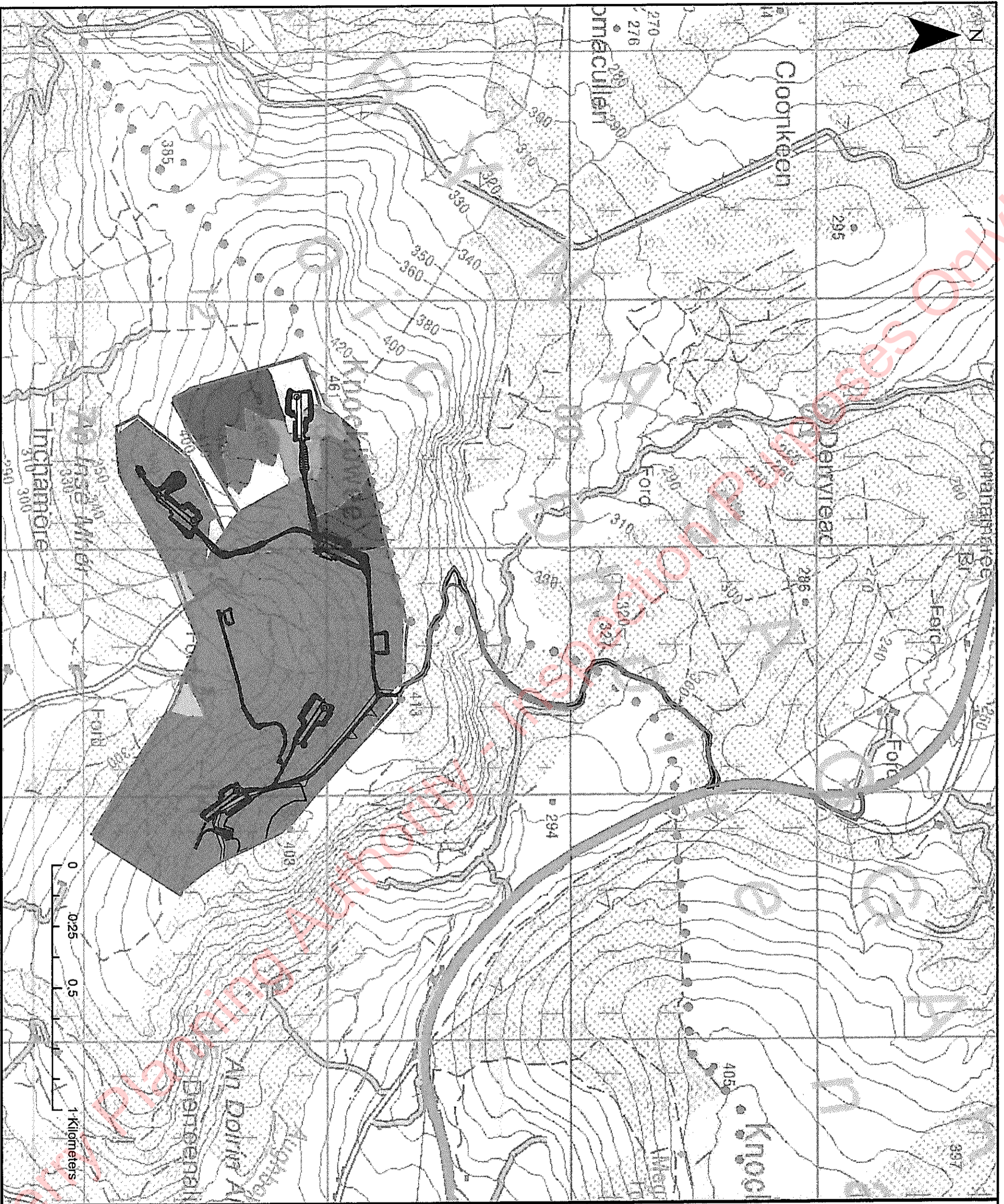
Proposed Wind Farm at Inchamore, Coolea, Co. Cork.

Title

Scenic Routes and Beara to Breifne Way

CSAL503 13115
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Drg. By	SME	Drg No	-
Checked By	SM	Rev	2
Stage	EIAR	Date	24/03/23
Scale	1:100,000 (A3)	Figure	4.4




- Legend**
- Site Infrastructure
 - Redline Boundary
- Habitats**
- Blanket bog/wet heath mosaic (PB2/HH3)
 - Conifer plantation (WD4)
 - Cutover bog (PB4)
 - Forest track (BL3)
 - Upland blanket bog (PB2)
 - Wet grassland (GS4)
 - Wet heath (HH3)

PLANNING & DEVELOPMENT SECTION
 6 JUN 2023 6 46
 KERRY COUNTY COUNCIL

Rev	Date	By	Comment

Client
Inchamore Wind DAC

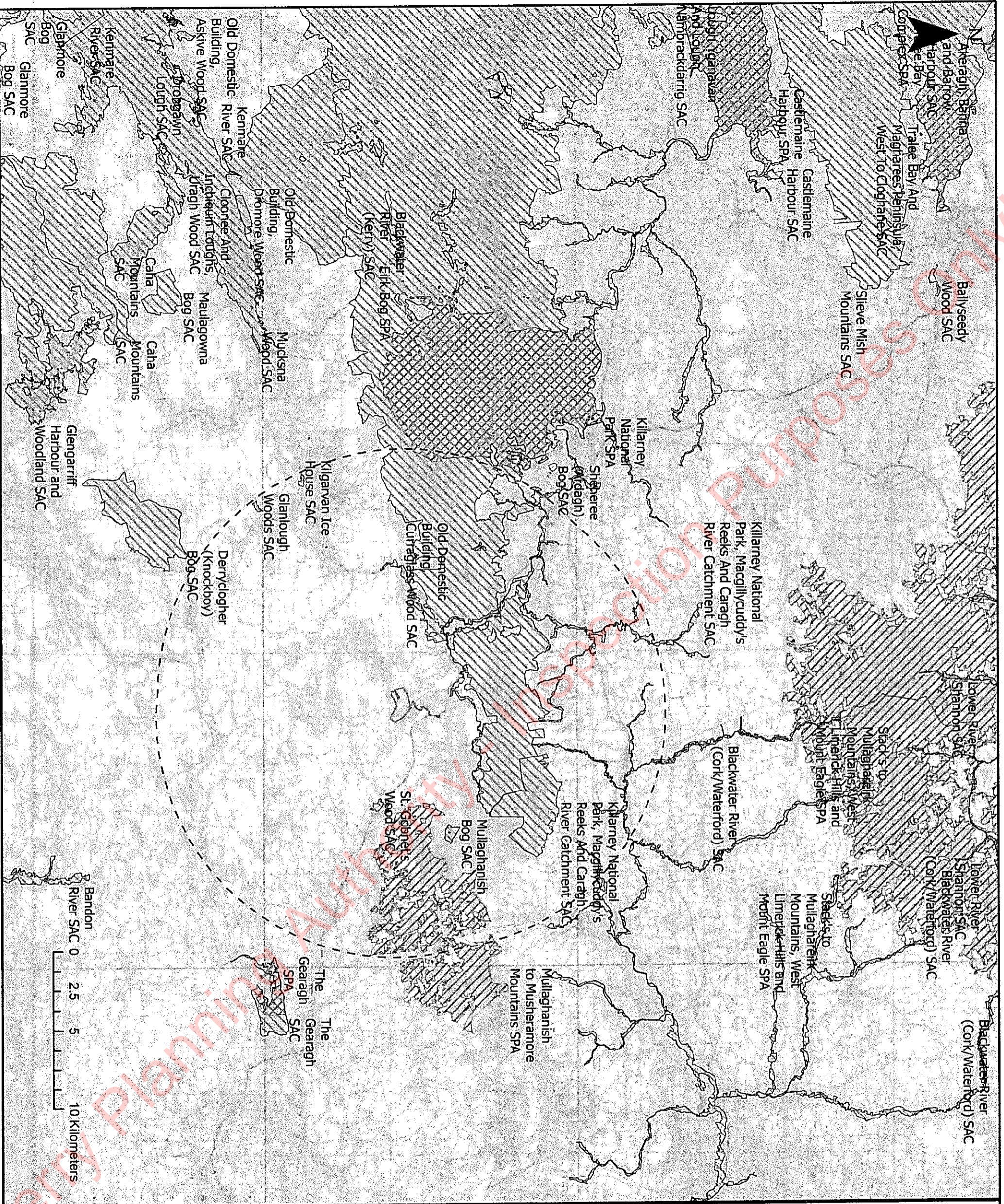
Client Representative

 JENNINGS O'DONOVAN
 CONSULTING ENGINEERS

Project
Proposed Wind Farm
at Inchamore, Coolea,
Co. Cork.





Title
Habitat Classification

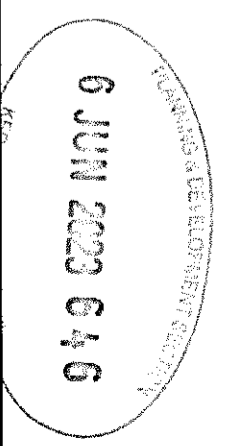
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Dwg. By	SB	Dwg No	-
Checked By	SM	Rev	0
Stage	EIAR	Date	22/02/23
Scale	1:15,000 (A3)	Figure	5.1



Legend

-  Special Protection Area (SPA)
-  Special Area of Conservation (SAC)
-  Site Boundary
-  15 km Buffer


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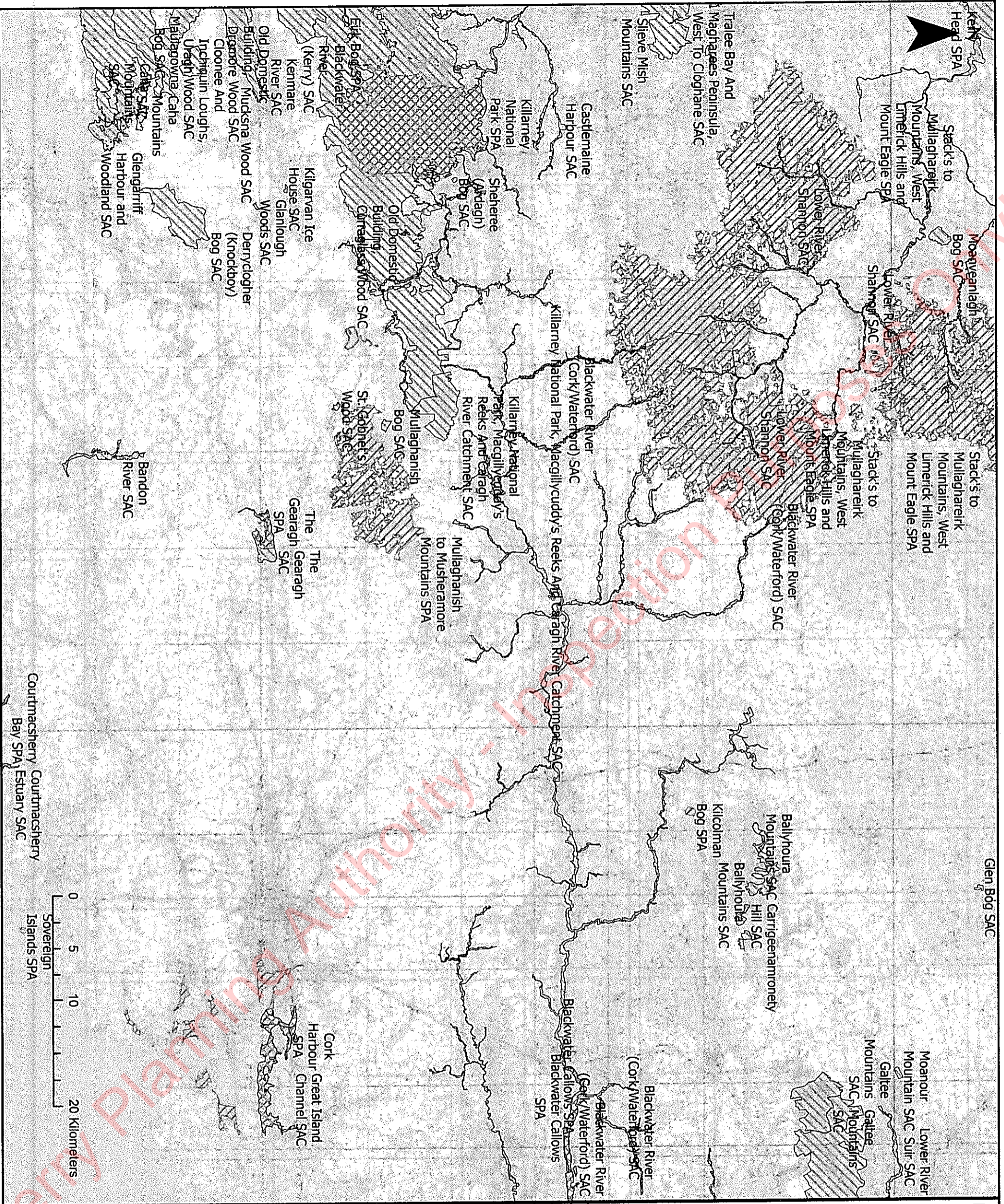
JENNINGS O'DONOVAN
CONSULTING ENGINEERS

Project
Proposed Wind Farm
at Inchanmore, Coollea,
Co. Cork.

Title
European Sites

CVLA50313915
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Drq. By	SB	Drq No	-
Checked By	SM	Rev	0
Stage	EIAR	Date	22/05/23
Scale	1:150,000 (A3)	Figure	5.3a



- Legend**
- Special Protection Area (SPA)
 - Special Area of Conservation (SAC)
 - Site Boundary

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Rev	Date	By	Comment

Client
Inchamore Wind DAC

Client Representative

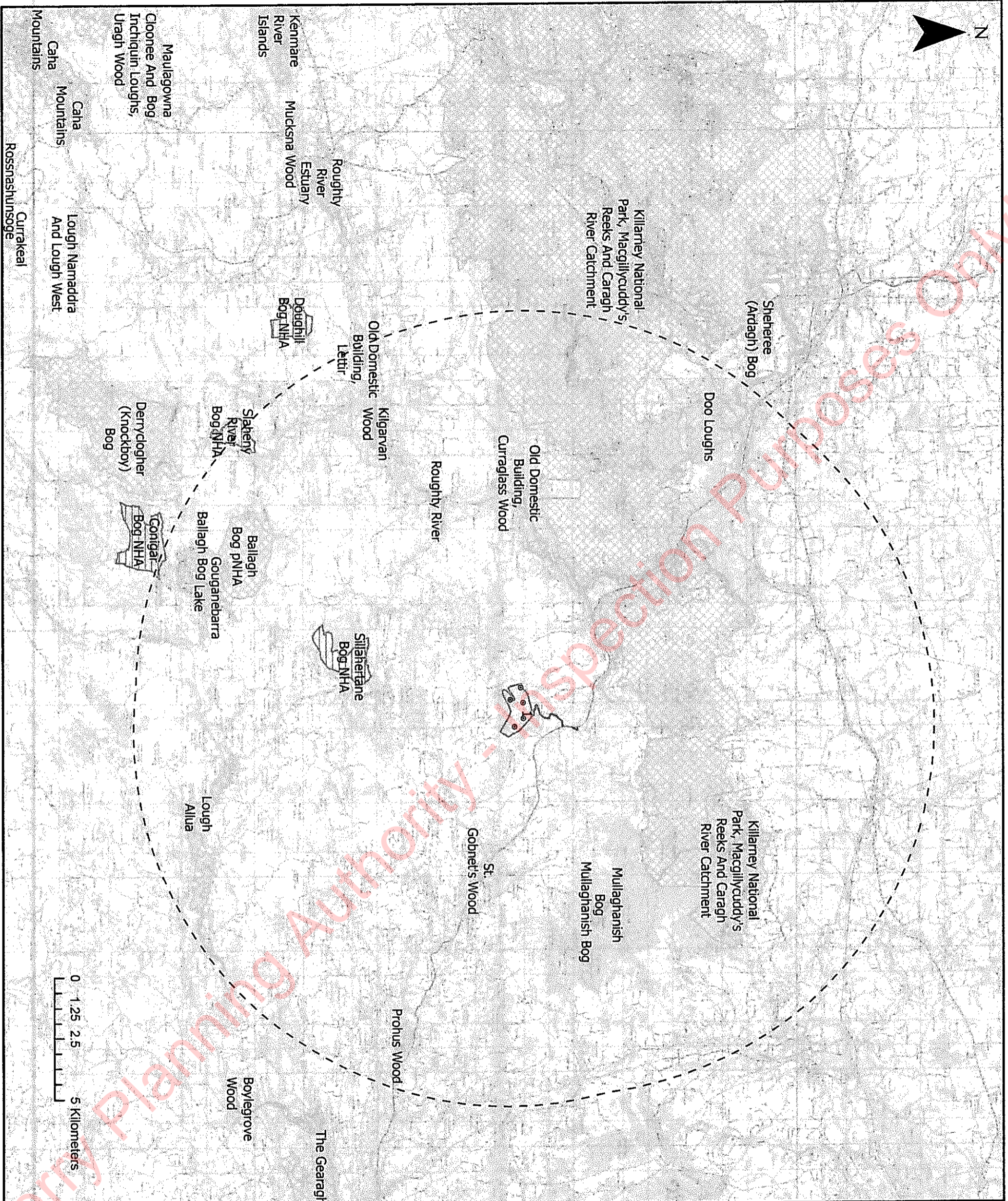
JENNINGS O'DONOVAN
 CONSULTING ENGINEERS

Project
Proposed Wind Farm at Inchamore, Coolea, Co. Cork.

Title
European Sites

CV15011815
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Drg. By	SB	Drg No	-
Checked By	SM	Rev	0
Stage	EIAR	Date	22/05/23
Scale	1:350,000 (A3)	Figure	5.3b



- Legend**
- 15 km Buffer of Site
 - proposed National Heritage Area (pNHA)
 - National Heritage Area (NHA)
 - Turbine Locations
 - Site Boundary

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Rev	Date	By	Comment

Client
Inchamore Wind DAC

Client Representative

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Proposed Wind Farm
at Inchamore, Coolea,
Co. Cork.

Title
National Sites

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Drw. By	SB	Drw. No.	-
Checked By	SM	Rev	0
Stage	EIAR	Date	24/04/23
Scale	1:150,000 (A3)	Figure	5.4




Legend

-  Stony_track
-  Grid Connection Route
-  Improved Grassland GA1
-  Wet heath dominated by *Molinia caerulea* and *Calluna vulgaris* (HH3)

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Client
 Inchamore Wind DAC

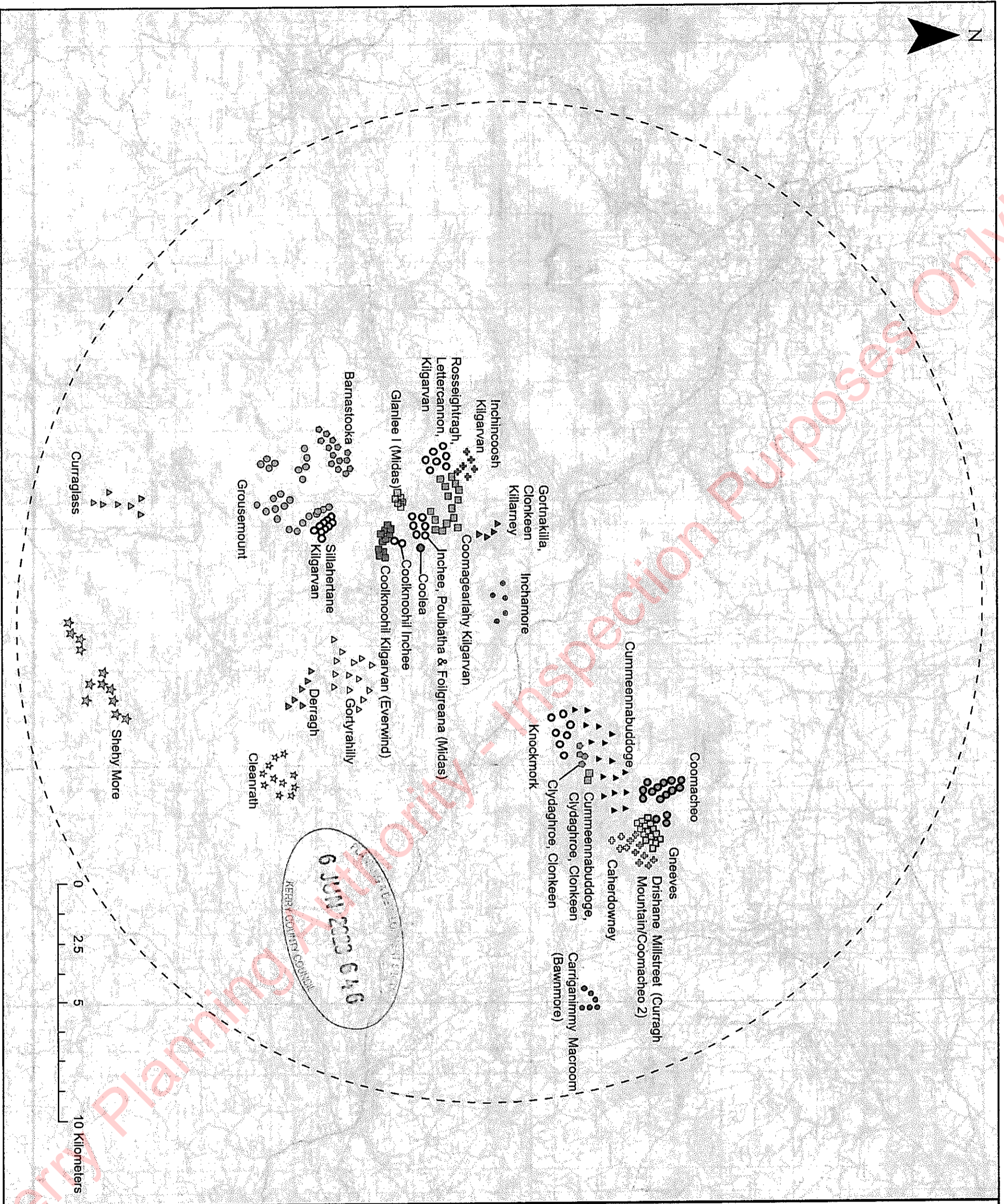
Client Representative
 **JENNINGS O'DONOVAN**
 CONSULTING ENGINEERS

Project
 Proposed Wind Farm
 at Inchamore, Coolea,
 Co. Cork.

Title
 Habitats at Ballyvouskill Substation

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Drg. By	SB	Drg No	-
Checked By	SM	Rev	0
Stage	EIAR	Date	24/04/23
Scale	1:5,000 (A3)	Figure	5.5



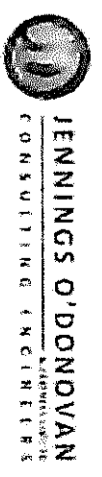
Legend

- Wind Farm
- Barrastooka
- Caherdorney
- Carriganimmy Macroom (Bawnmore)
- Cleanrath
- Clydaghroe, Clonkeen
- Coollea
- Coolknoshill Inchee
- Coolknoshill Kilgarvan (Everwind)
- Coomacheo
- Coomageatlahy Kilgarvan
- Cummeennabuddoge
- Cummeennabuddoge, Clydaghroe, Clonkeen
- Curraglass
- Derragh
- Drishane Millstreet (Curragh Mountain/Coomacheo 2)
- Glanlee I (Midas)
- Gneeves
- Gneeves Millstreet
- Gortnakilla, Clonkeen Killarney
- Gortyranilly
- Grousemount
- Inchee, Poulbatha & Foligreana (Midas)
- Inchincossh Kilgarvan
- Inchamork
- Inchamork
- Knockanork
- Rosseightragh, Lettercannon, Kilgarvan
- Shelby More
- Sillahertane Kilgarvan
- Inchamore
- 20 km buffer

Client

Inchamore Wind DAC

Client Representative



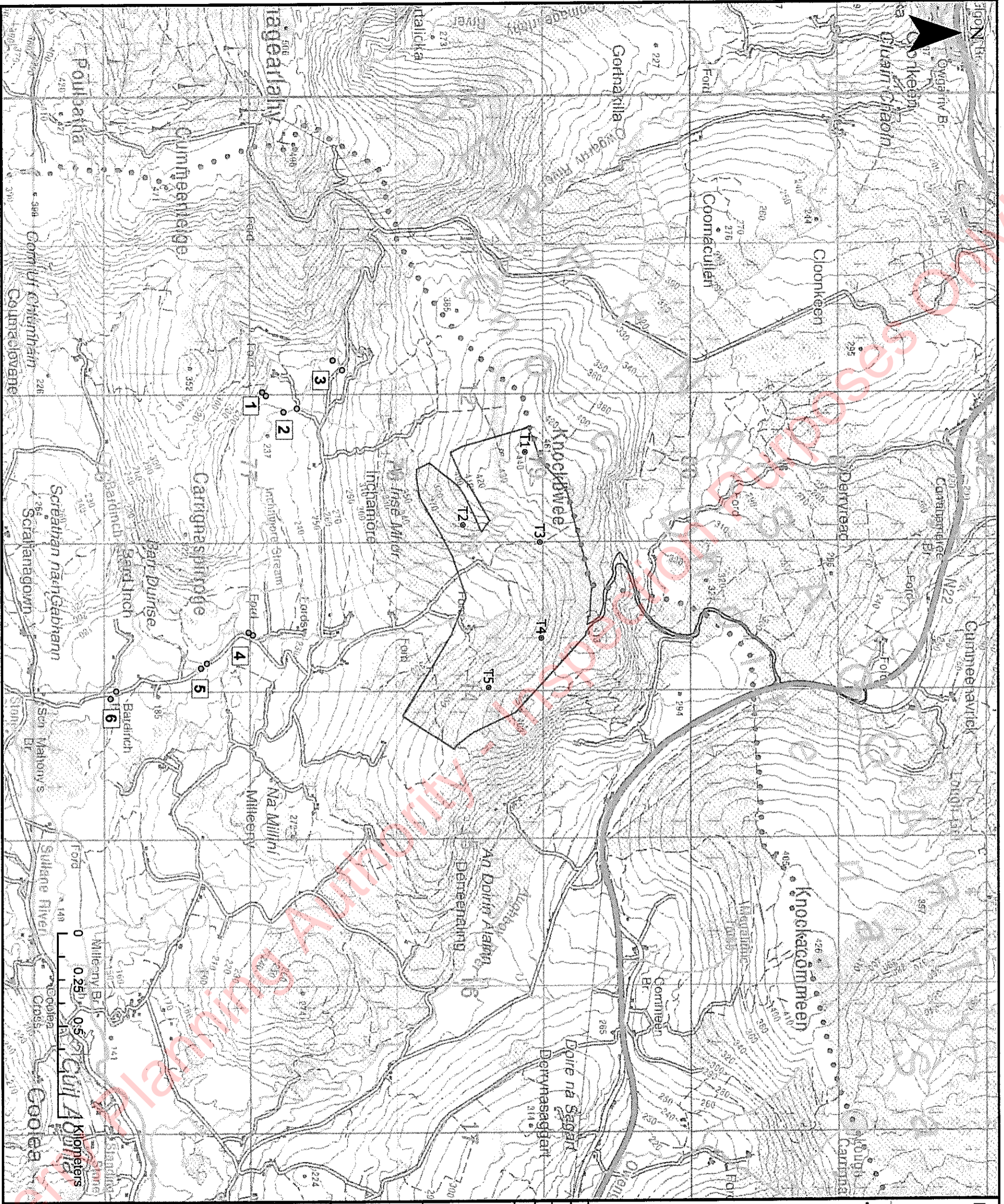
Proposed Wind Farm at Inchamore, Coollea, Co. Cork.

Title

Wind Farms within 20 km of the Proposed Turbines

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Drg. By	SB	Drg No	-
Checked By	SM	Rev	1
Stage	EIAR	Date	28/02/23
Scale	1:155,000 (A3)	Figure	5.6




- Legend**
- Down Stream Survey Sites
 - Up Stream Survey Sites
 - Turbine Locations
 - WFD River Waterbodies
 - Redline Boundary

PLANNING & DEVELOPMENT DEPARTMENT
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 KERRY COUNTY COUNCIL

Rev	Date	By	Comment

Client
Inchemore Wind DAC

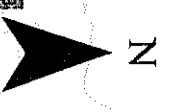
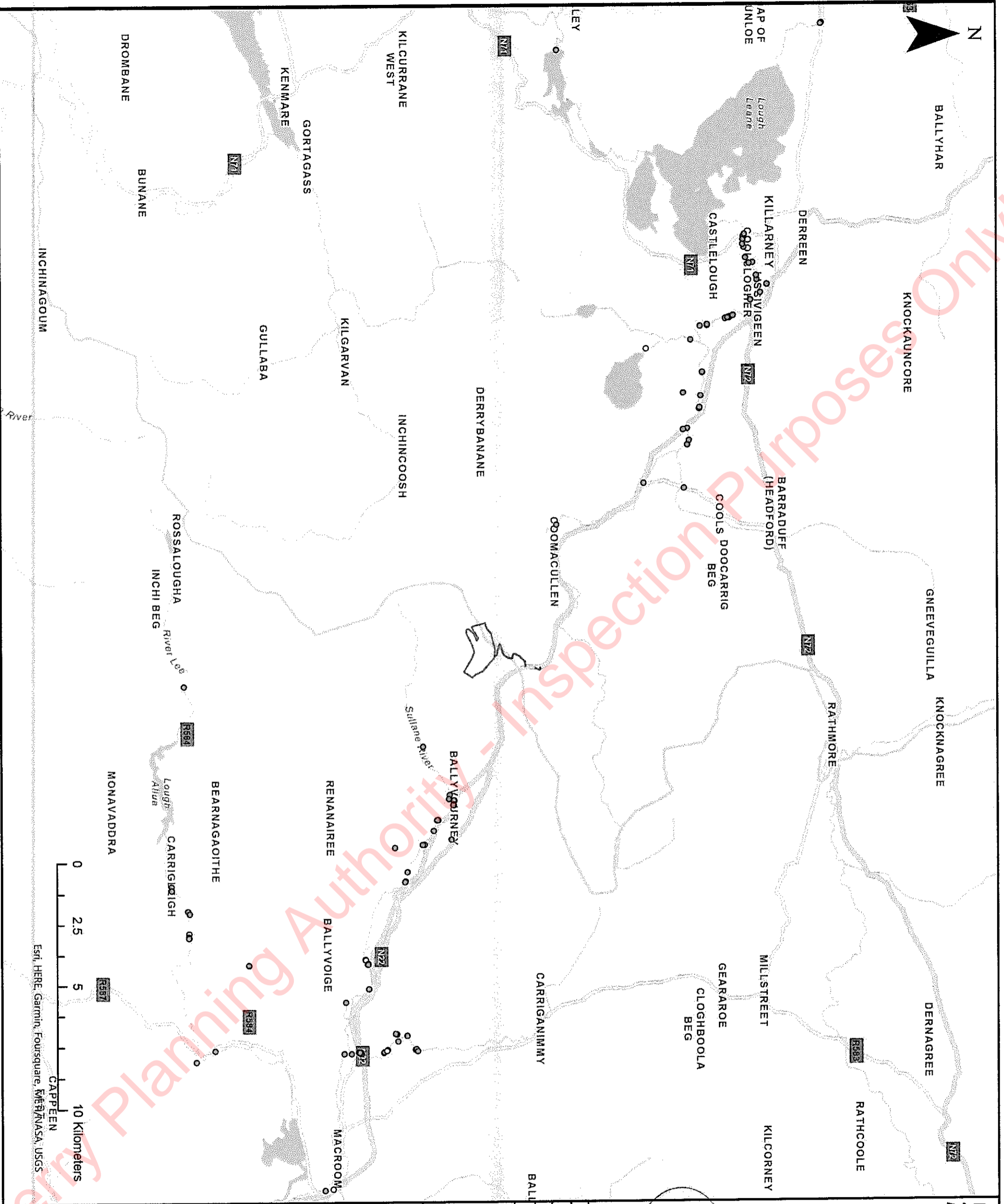
Client Representative

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 CONSULTING ENGINEERS

Project
Proposed Wind Farm at Inchemore, Coolea, Co. Cork.

Title
Sites Electro Fished

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Drg. By	SB	Drg No	-
Checked By	SM	Rev	1
Stage	EIAR	Date	22/05/23
Scale	1:25,000 (A3)	Figure	6.1




- Legend**
- Redline Boundary
 - Margaritifera margaritifera* Dead Shells Only
 - Live Shells

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Rev	Date	By	Comment

Client
Inchemore Wind DAC

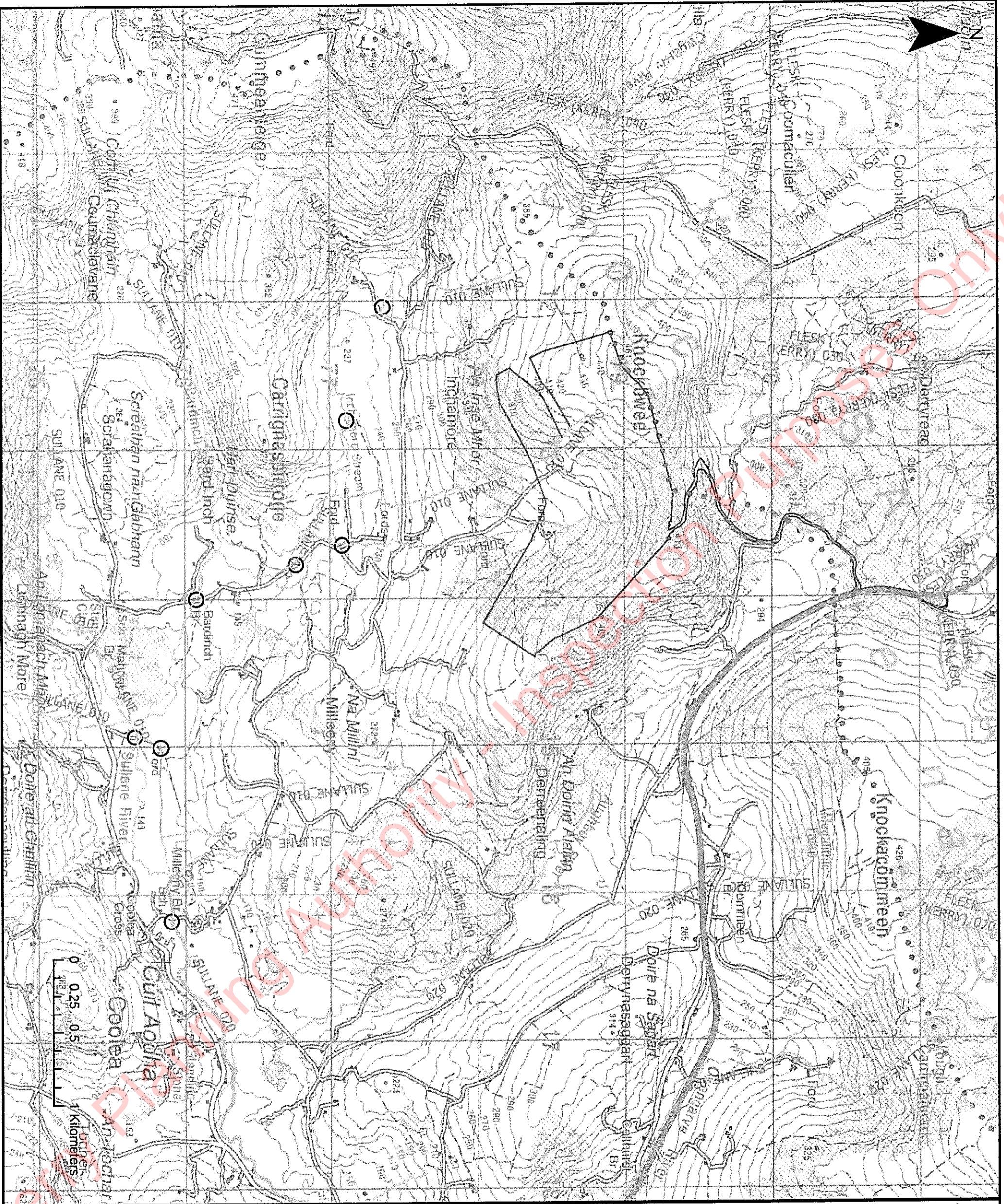
Client Representative

JENNINGS O'DONOVAN
CONSULTING ENGINEERS

Project
Proposed Wind Farm at Inchemore, Coolea, Co. Cork.

Title
Records of Freshwater Pearl Mussels from NPWS

CYAL50155695
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Drg. By	SB	Drg No	-
Checked By	SM	Rev	1
Stage	EIAR	Date	22/05/23
Scale	1:150,000 (A3)	Figure	6.2




- Legend**
- Redline Boundary
 - WFD River Waterbodies
 - FPM Survey Locations

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Client
Inchanmore Wind DAC

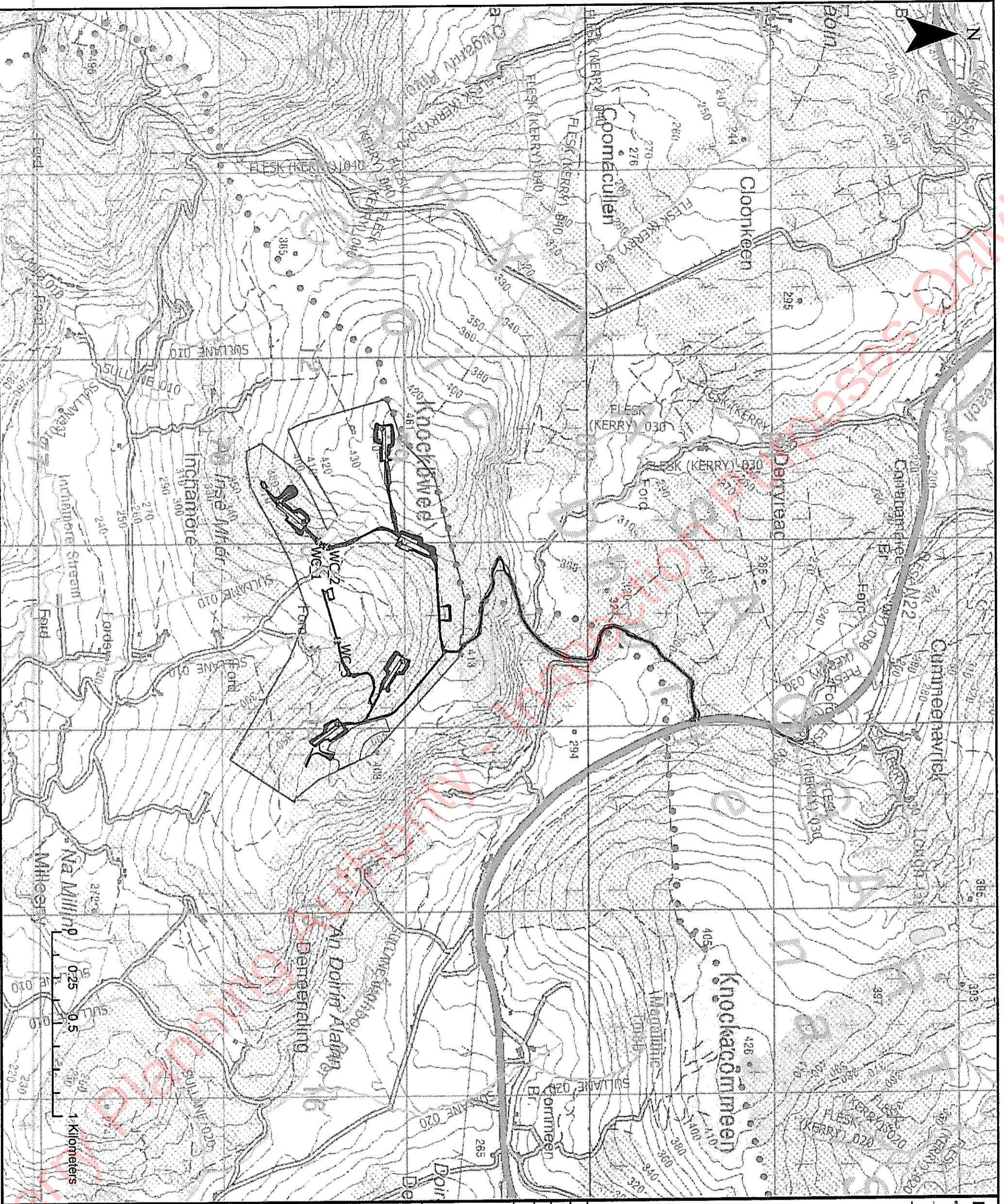
Client Representative

JENNINGS O'DONOVAN
 SURVEYORS & CONSULTANTS
 CONSULTING ENGINEERS

Project
Proposed Wind Farm
at Inchanmore, Coolea,
Co. Cork.

Title
Freshwater Pearl Mussel Survey
Locations

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Dwg. By	SB	Dwg No	-
Checked By	SM	Rev	1
Stage	EIAR	Date	22/05/23
Scale	1:25,000 (A3)	Figure	6.3




- Legend**
- Redline Boundary
 - WFD River Waterbodies
 - Site Infrastructure
 - ⊗ Crossings

PLANNING & ENVIRONMENT SECTION
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 KERRY COUNTY COUNCIL

Rev	Date	By	Comment

Client
Inchamore Wind DAC

Client Representative

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Project
Proposed Wind Farm
at Inchamore, Coolea,
Co. Cork.

Title
Water Crossings Locations

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Drg. By	SB	Drg No	-
Checked By	SM	Rev	1
Stage	EIAR	Date	22/05/23
Scale	1:20,000 (A3)	Figure	6.4

Inchamore Wind Farm

Inchamore, Co. Cork / Co. Kerry

Figure 8.1 (a) (01) Site Location & Layout
GCR

end

Development Layout

W/F

- Red Line 23
- 230313 Site Layout
- Turbine Locations
- △ Site Entrances
- △ Proposed Met Mast
- △ Watercourse Crossings
- ◇ Proposed Borrow Pits
- ◇ Proposed Temporary Construction Compound
- ◇ Proposed On-Site Substation
- ◆ BH location
- ▲ House Locations
- ▲ Tree Felling - 5T Layout

Ugc

- Inchamore Grid Connection Route
- ◇ HDD Crossings

Delivery

- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route

Base Maps

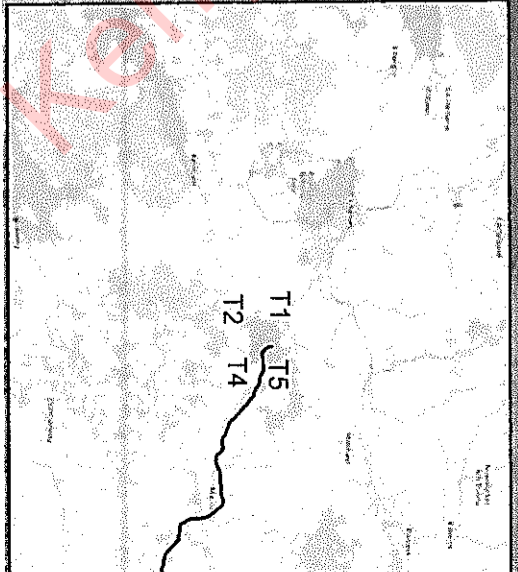
Bing Aerial

Project ID:604162 Inchamore Wind Farm
Projection: TMM
Drawn by: Sven K.
Reviewed by: Sven K.
Version: 13/04/2023

References/Sources:
Environmental Protection Agency (EPA)
Geological Services Ireland (GSI)
Bing Aerial / Geohive / Open Street Map / Google Roads
CDEM Elevation Contours
Phase 1 (250m Grid Post Depth - Greensource

Note: Data points presented are georeferenced using open source data and/or a handheld GPS. This drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

Scale: 0 200 400 m



Inchamore Wind Farm

Inchamore, Co. Cork / Co. Kerry

Figure 8.1 (b) (01) Site Location & Layout
GCR

Legend

Development Layout

- WF Red Line 23
- 230313 Site Layout
- △ Turbine Locations
- △ Site Entrances
- △ Proposed Met Mast
- ◇ Watercourse Crossings
- ◇ Proposed Borrow Pits
- ◇ Proposed Temporary Construction Compound
- ◇ Proposed On-Site Substation
- ◆ BH Location
- ▲ House Locations

UGC

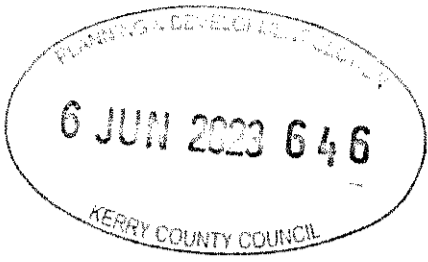
- Inchamore Grid Connection Route
- ◇ HDD Crossings

Delivery

- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route

Base Maps

Bing Aerial



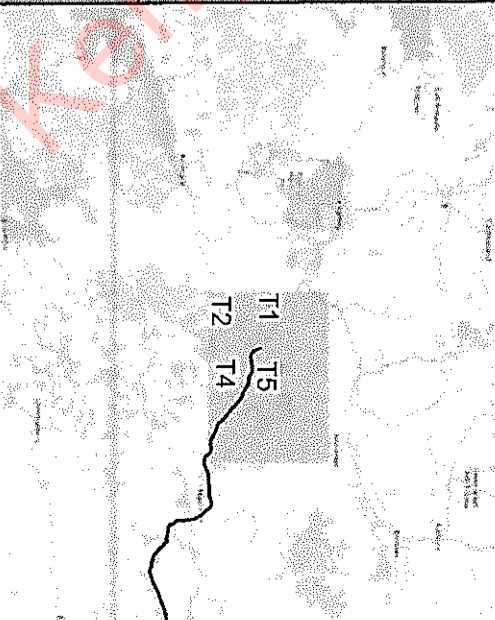
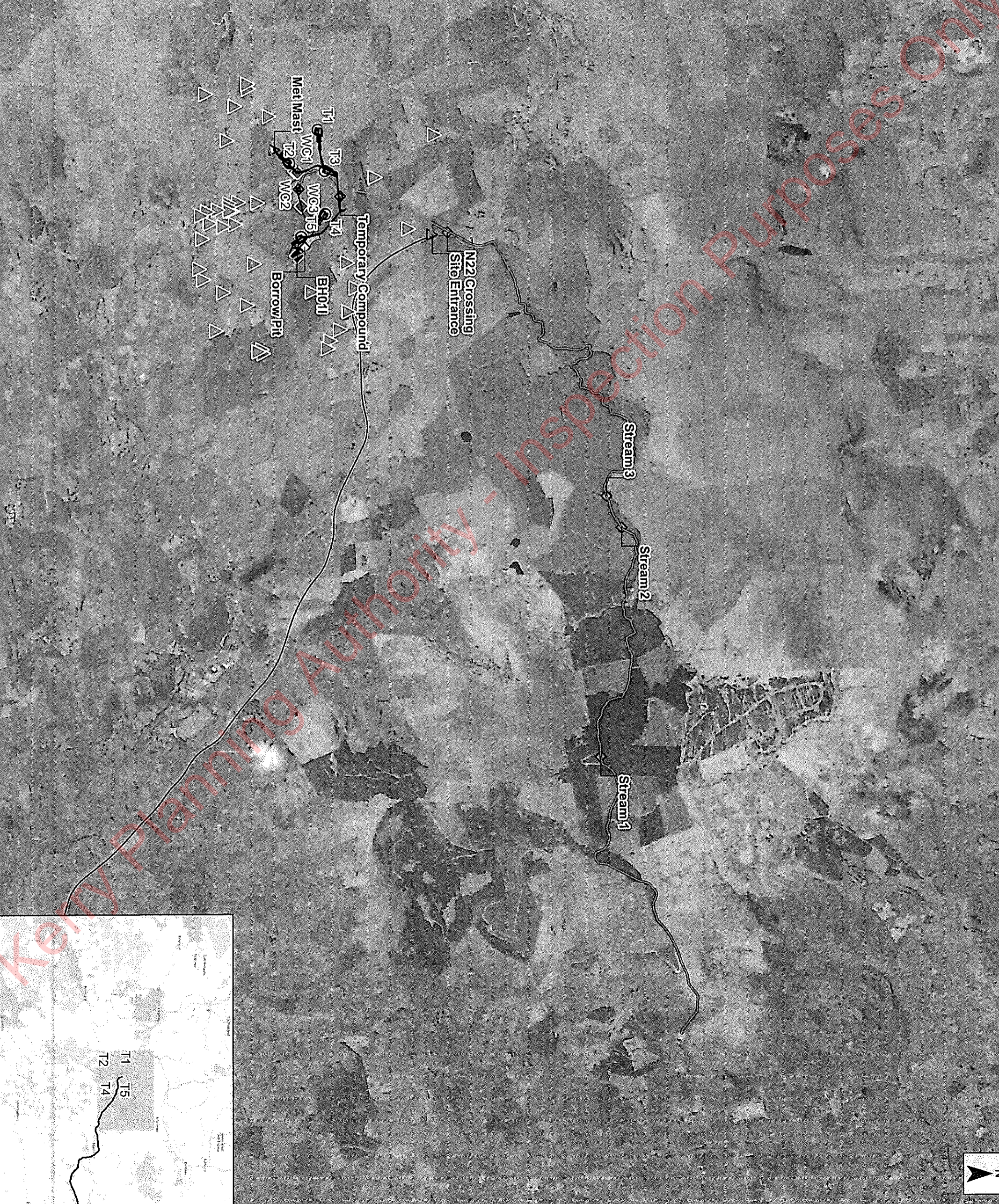
Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 13/04/2023

References/Sources:

- Environmental Protection Agency (EPA)
- Geological Services, Ireland (GSI)
- Bing Aerial / Geohive / Open Street Map / Google Roads
- GDEM Elevation Contours
- Phase 1 (250m Grid Feet Depth) - Greensource

Note: Data points presented are georeferenced using open source data and/or a handheld GPS. This drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

Scale: 0 1.08 2.16 km



Legend

- D4** **Segment Layout**
- WF Red Line 23
 - 230313 Site Layout
 - Turbine Locations
 - Site_Entrances
 - Proposed Met Mast
 - Watercourse Crossings
 - Proposed Borrow Pits
 - Borrow Pit
 - Proposed Temporary Construction Compound
 - Proposed On-Site Substation
- UGC**
- Inchamore Grid Connection Route
- Delivery**
- Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route

Geology

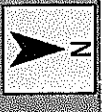
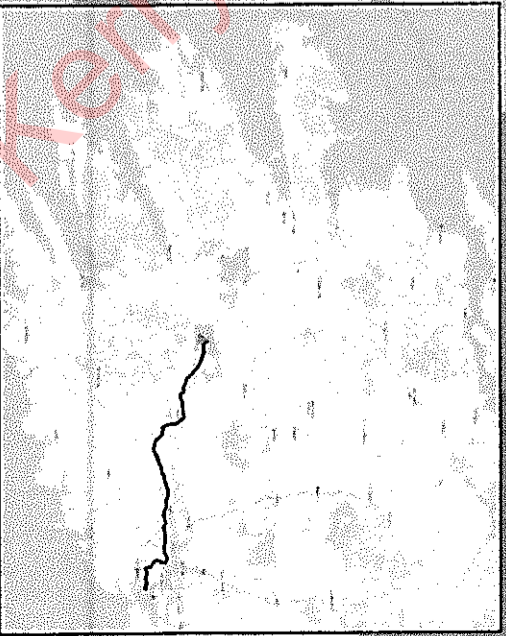
- Combe 2018**
- ports
 - 1. mineral extraction sites
 - 132 Dump
 - 133 Construction sites
 - 141 Green urban areas
 - 142 Sport and leisure facilities
 - 211 Non-irrigated land
 - 222 Fruit trees and berry plantation
 - 231 Pastures
 - 242 Complex cultivation patterns
 - 243 Land partially occupied by agriculture with area
 - 311 Broad Leaved forest
 - 312 Coniferous forest
 - 313 Mixed forest
 - 321 Natural grassland
 - 322 Moors and heaths
 - 324 Transitional woodland scrub
 - 331 Beaches, dunes, sand
 - 332 Bare rocks
 - 333 Sparsely vegetated areas
 - 334 Burnt areas
 - 411 Inland marshes
 - 412 Peat bogs
 - 421 Salt marshes
 - 423 Inland flats
 - team courses
 - aler bodes
 - 521 Coastal lagoons
 - 522 Estuaries

Project ID: 604162 Inchamore Wind Farm
Projection: ITM
Drawn by: Camilla Casella
Reviewed by: Sven K.
Version: 28/03/2023 (01)

References/Sources:

Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / GoodHive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (250m Grid Pent. Depth - GreenSource)

Scale: 0 300 600 m



Legend
 Development Layout

- WF Red Line 23
- 230/13 Site Layout
- Turbine Locations
- Site Entrances
- Proposed Mast Mast
- Watercourse Crossings
- Proposed Borrow Pits
- Borrow Pit
- Proposed Temporary Construction Compound
- Proposed On-Site Substation

- UGC**
- Inchamore Grid Connection Route
 - HDD Crossings

- Delivery**
- Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route

Geology

- 131 Mineral extraction sites
- 132 Dump
- 133 Construction sites
- 141 Green urban areas
- 142 90m and leisure facilities
- 211 Non-irrigated land
- 222 Fruit trees and berry plantation
- 231 Pastures
- 242 Complex cultivation patterns
- 243 Land principally occupied by agriculture with area
- 311 Broad Leaved forest
- 312 Coniferous forest
- 313 Mixed forest
- 321 Natural grassland
- 322 Moors and heaths
- 324 Transitional woodland scrub
- 331 Beaches, dunes, sand
- 332 Bare rocks
- 333 Sparingly vegetated areas
- 334 Burnt areas
- 411 Inland marshes
- 412 Peat bogs
- 421 Salt marshes
- 471 Intertidal flats
- 512 Water bodies
- 521 Coastal lagoons
- 522 Estuaries

Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Carrilla Casella
 Reviewed by: Sven K.
 Version: 28/03/2023 (01)

References/Sources:

- Environmental Protection Agency (EPA)
- Geological Services Ireland (GSI)
- Bing Aerial / Geotlive / Open Street Map / Google Roads
- GDEM Elevation Contours
- Phase 1 (250m Grid Peat Depth - Greensource

Note: Data points presented are georeferenced using open source data and/or a handheld GPS. This drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

Scale: 0 900 1,800 m

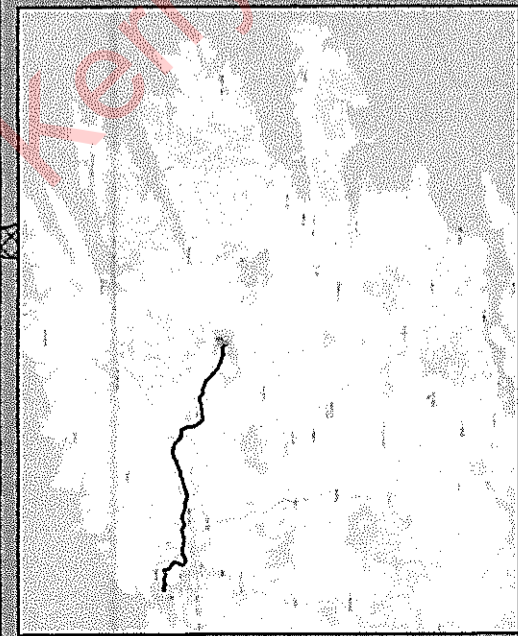
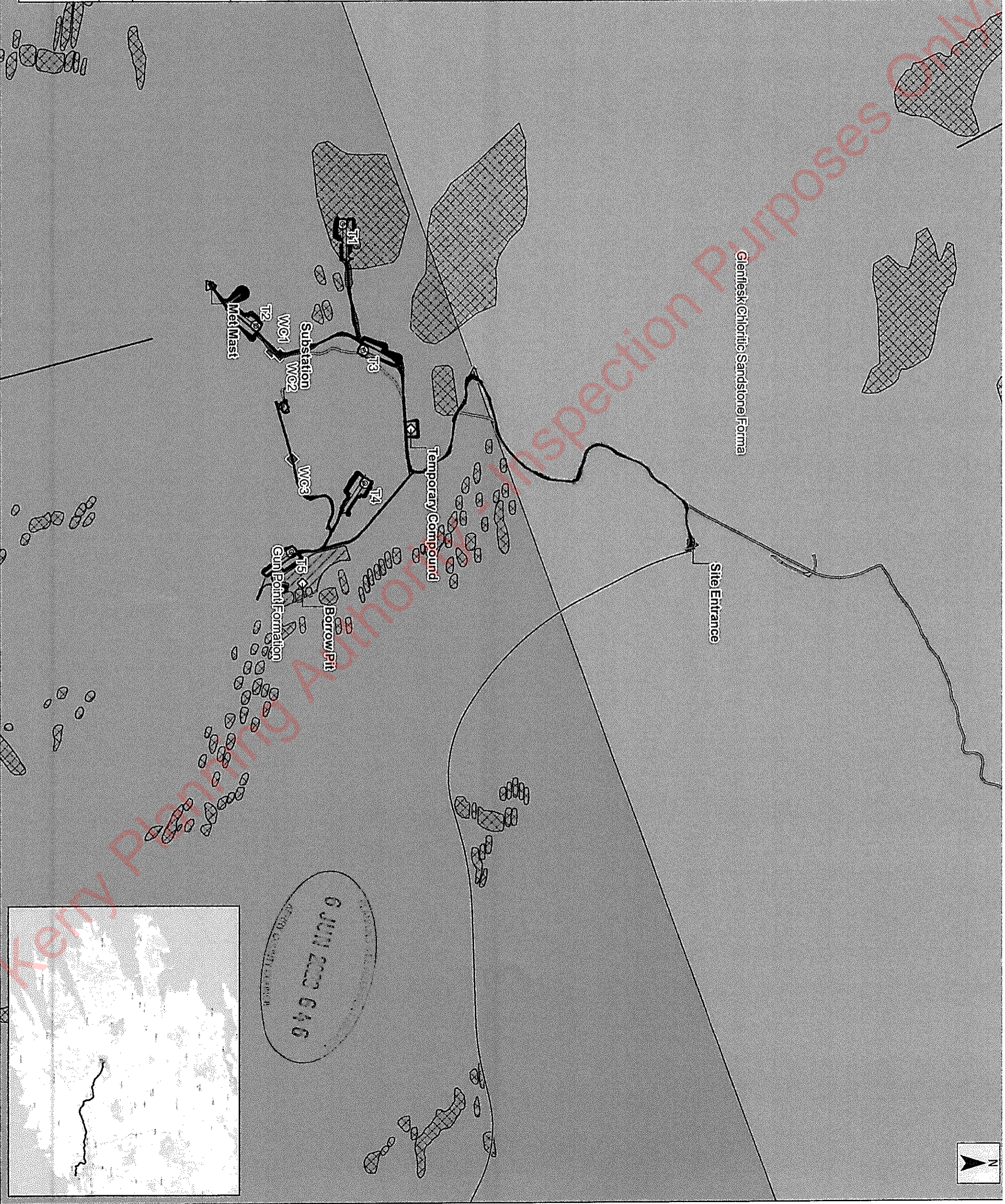


Legend

- WF**
 - Red Line 23
 - 230313 Site Layout
 - Turbine Locations
 - Site Entrances
 - Proposed Met Mast
 - Watercourse Crossings
 - Proposed Borrow Pits
 - Borrow Pit
 - Proposed Temporary Construction Compound
 - Proposed On-Site Substation
- UGC**
 - Inchammore Grid Connection Route
- Delivery**
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
- Topography**
 - Bedrock Outcrop (GSI)
 - Bedrock Outcrop Observed
- GI**
 - gy Geological Linework (100k GSI)
- Bedrock Polygons (GSI)**
 - Glenflesk Chloritic Sandstone Forma
 - Gun Point Formation
- Base Maps**
 - Bing Aerial

Project ID: 604162 Inchammore Wind Farm
 Projection: ITM
 Drawn by: Camilla Casella
 Reviewed by: Sven K.
 Version: 28/03/2023 (01)

Scale: 0 300 600 m



Legend

- Development Layout**
- WF Red Line 23
 - 230313 Site Layout
 - Turbine Locations
 - Site Entrances
 - Proposed Met Mast
 - Watercourse Crossings
 - Proposed Borrow Pits
 - Borrow Pit
 - Proposed Temporary Construction Compound
 - Proposed On-Site Substation
- UGC**
- Inchammore Grid Connection Route

- Delivery**
- Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route

- Topography**
- Bedrock Outcrop (GSI)
 - Bedrock Outcrop Observed
 - Geological Linework (100k GSI)

- Geology**
- Bedrock Polygons (GSI)
 - Bird Hill Formation
 - Caha Mountain Formation
 - Dinanian Limestones (undifferentiated)
 - Glenfesk Chloritic Sandstone Forma
 - Gortanhill Formation
 - Lough Guilane Formation
 - Lough Guilane rhyolites
 - Lough Guilane volcanics
 - Namurian (undifferentiated)

- Base Maps**
- Bing Aerial

Project ID: 604162 Inchammore Wind Farm
 Projection: ITM
 Drawn by: Camilla Casella
 Reviewed by: Sven K.
 Version: 28/03/2023 (01)

References/Sources:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / Geotlive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (250m Grid Peak Depth) - Greensource

Scale: 0 900 1,800 m

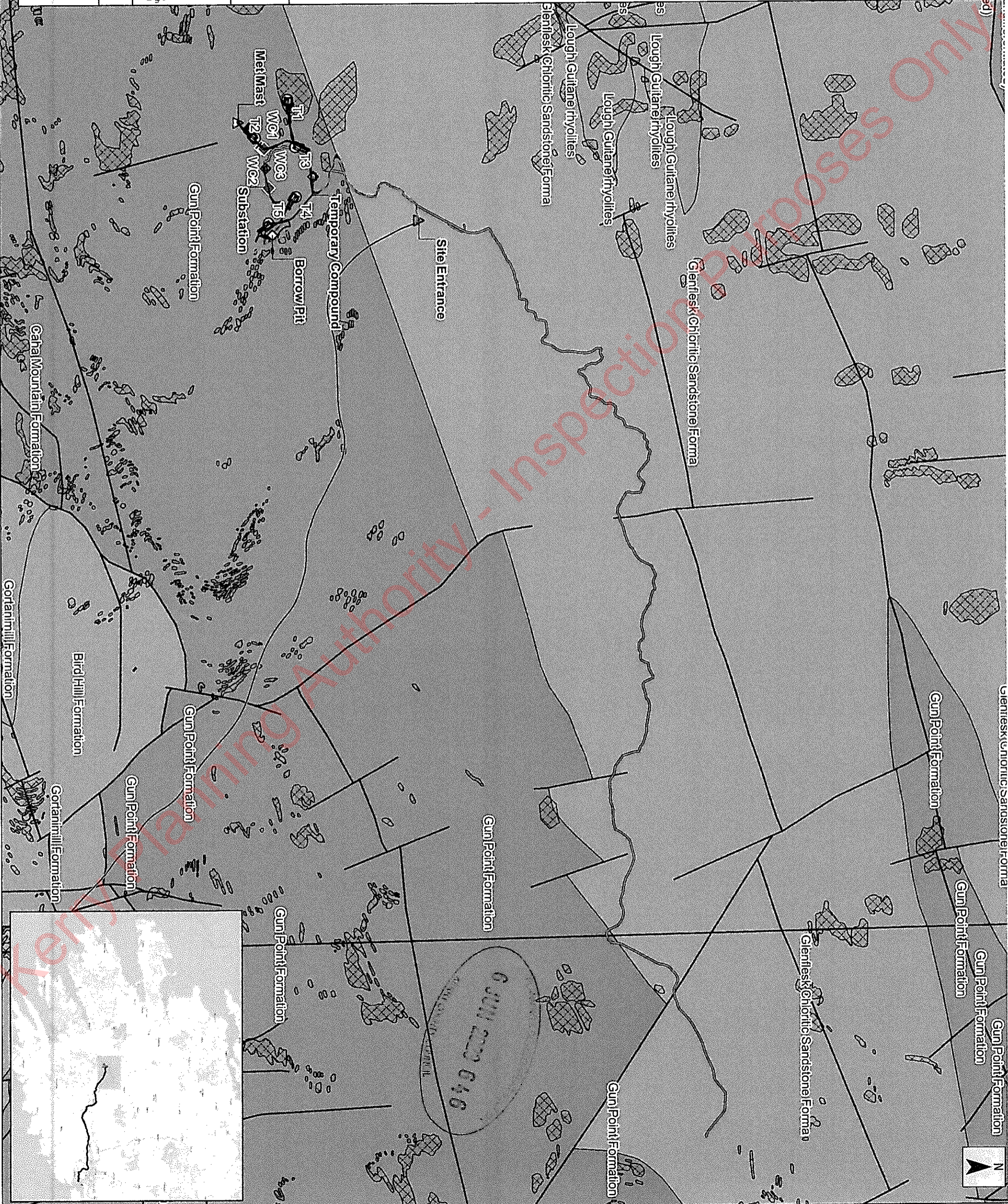
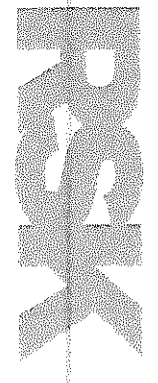


Figure 8.4 (b) (01) Soils Grid Connection Route

Legend

- ◊ **Segment Layout**
- WF Red Line 23
- 230313 Site Layout
- Turbine Locations
- △ Site Entrances
- △ Proposed Mast Mast
- ◇ Watercourse Crossings
- ◇ Proposed Borrow Pits
- ◇ Borrow Pit
- ◇ Proposed Temporary Construction Compound
- ◇ Proposed On-Site Substation
- UGC
- Inchamore Grid Connection Route
- ◇ HDD Crossings
- Delivery**
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route

- A1
- A2
- A3
- A4
- A5
- A6
- A7
- A8
- A9
- A10
- A11
- A12
- A13
- A14
- A15
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- A97
- A98
- A99
- A100

Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Camilla Casella
 Reviewed by: Sven K.
 Version: 28/03/2023 (01)

References/Sources:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / Geohive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (250m Grid Peak Depth - Greensource)

Note: Data points presented are generated using open source data and/or a third party data provider. The drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

Scale: 0 900 1,800 m

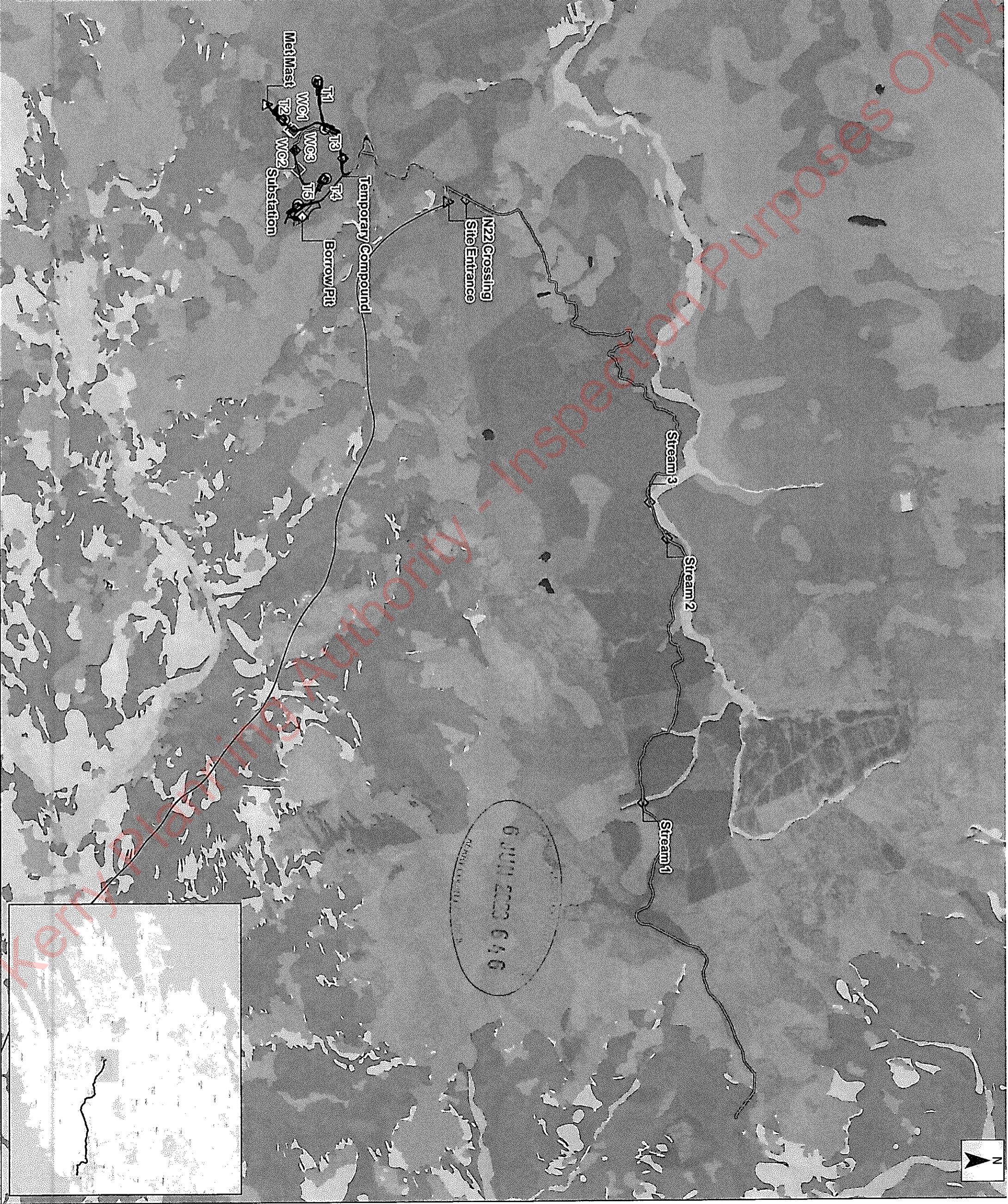
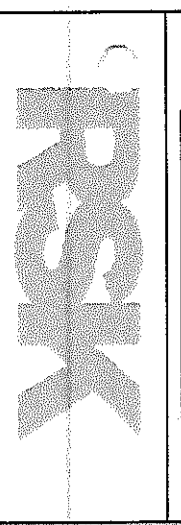


Figure 8.5 (a) (01) Subsoils Wind Farm

Legend

- lopment Layout
- WF
- Red Line 23
- 230313 Site Layout
- Turbine Locations
- Site Entrances
- Proposed Met Mast
- Watercourse Crossings
- Proposed Borrow Pits
- Borrow Pit
- Proposed Temporary Construction Compound
- Proposed On-Site Substation

- UGC
- Inchamore Grid Connection Route
- Delivery
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route

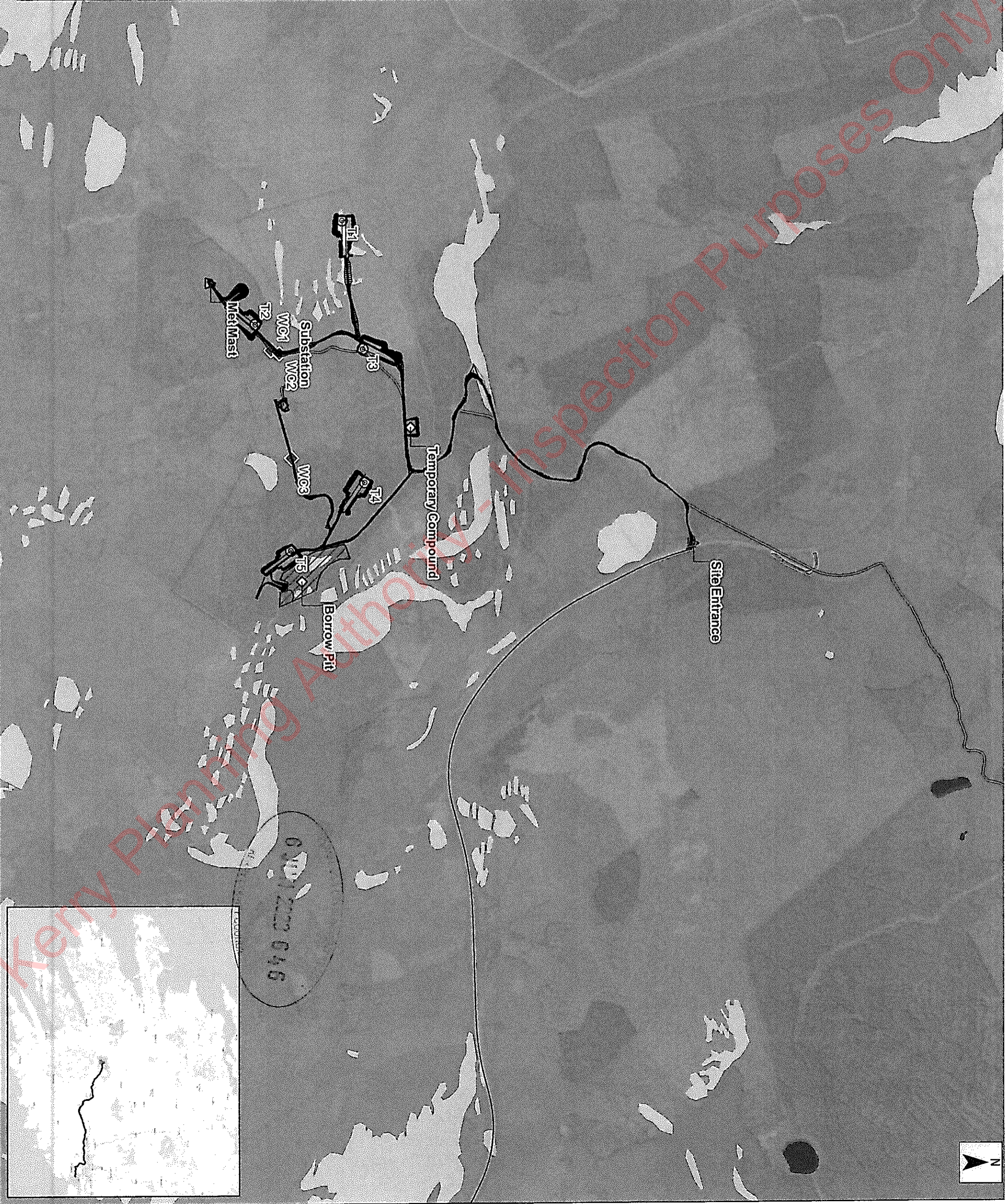
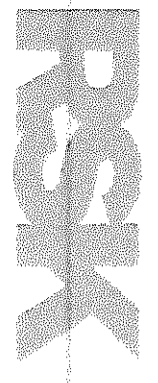
- Geology
- WGs - wade ground
 - Marsh
 - Mbs - Beach sands
 - Mc - Marine Clays
 - Mec - Estuarine sediments (silt/clays)
 - Mgs - Raised beach sands and gravels
 - Mt - Mud shell
 - Mst - Marine silt
 - Rck - Bedrock at surface
 - RSPI - Raised Bog
 - Stree
 - TAv - Acid volcanic till
 - TBl - Basic igneous till
 - TCh - Chert till
 - TCSch - Chert and Carboniferous sandstone till
 - TCSs - Sandstone and shale till Cambrian/Carboniferous
 - TDCSS - Sandstone till Devonian/Carboniferous
 - TDCSSs - Sandstone and shales till Devonian/Carboniferous
 - TDMk - Tidal Marsh
 - TDSs - Sandstone till Devonian
 - TGr - Granite till
 - TLPDS - Sandstone till Lower Palaeozoic/Devonian
 - TLPs - Shale till Lower Palaeozoic
 - Pss - Sandstone till Lower Palaeozoic
 - PSs - Sandstone and shales till Devonian/Carboniferous
 - TLS - Limestone till Carboniferous
 - TMP - Metamorphic till
 - TNCSs
 - TNSs

Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Camilla Casella
 Reviewed by: Sven K.
 Version: 28/03/2023 (01)

References/Sources:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / Geohive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (250m Grid Peak Depth - Greensource)

Note: Data points presented are georeferenced using open source data and/or a handheld GPS. The accuracy of the data is not guaranteed. The drawing should not be relied upon for detailed design purposes.

Scale: 0 300 600 m



Legend

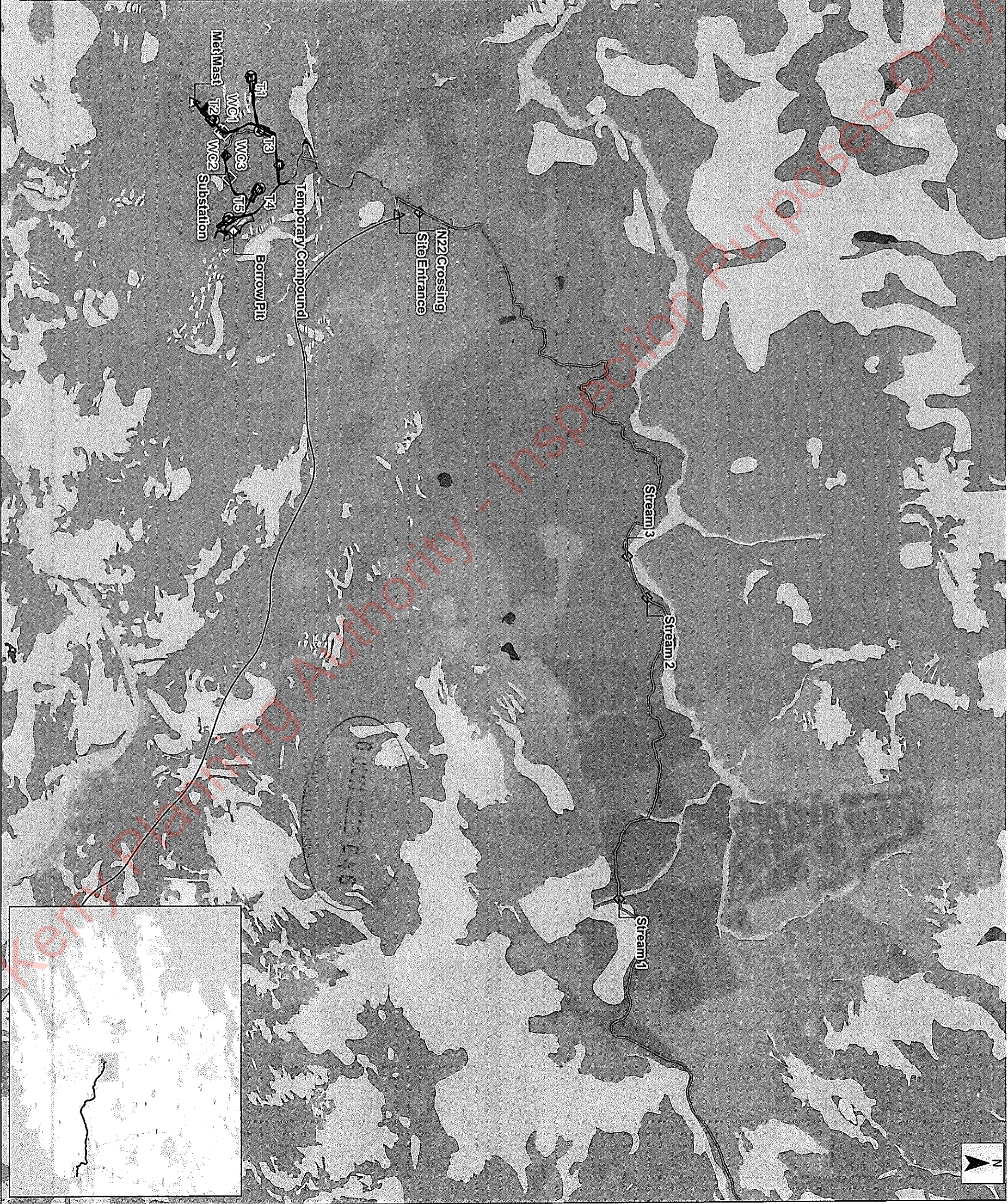
- Jobment Layout
- W/F
- Red Line 23
- 230313 Site Layout
- Turbine Locations
- Site Entrances
- Proposed Met Mast
- Watercourse Crossings
- Proposed Borrow Pits
- Borrow Pit
- Proposed Temporary Construction Compound
- Proposed On-Site Substation
- UGC
- Inchamore Grid Connection Route
- HDD Crossings
- Delivery
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route

- Subsoils
- 3GY
- Made ground
- Mash
- Mss - Beach sands
- Mc - Marine Clays
- Mesc - Estuarine sediments (silt/clay/s)
- Mos - Raised beach sands and gravels
- Mst - Marl silt
- Msi - Marine silt
- Rsk - Bedrock at surface
- Rsp - Raised Bog
- Sree
- Tw - Acid volcanic till
- Tbl - Basic igneous till
- Tch - Chert till
- Tcscn - Chert and Carboniferous sandstone till
- Tcsas - Sandstone and shale till Cambrian/Precambrian
- TCCSS - Sandstone till Devonian/Cambrian
- TDCSS - Sandstone and shales till Devonian/Cambrian
- TAM - Tidal Marsh
- TDS - Sandstone till Devonian
- TGr - Granite till
- TPOS - Sandstone till Lower Palaeozoic/Devonian
- TPS - Shale till Lower Palaeozoic
- SS - Sandstone till Lower Palaeozoic
- PSs - Sandstone and shales till Devonian/Cambrian
- LS - Limestone till Carboniferous
- TMp - Metamorphic till
- TCCSS
- THSS

Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Camilla Casella
 Reviewed by: Sven K.
 Version: 28/03/2023 (01)

References/Sources:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / Geohive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (250m Grid Post Depth - GreenSource

Scale: 0 800 1,600 m



Wind

Development Layout

- WF
- Red Line 23
- 230313 Site Layout
- Turbine Locations
- Site Entrances
- Proposed Met Mast
- Watercourse Crossings
- Proposed Borrow Pits
- Proposed Temporary Construction Compound
- Proposed On-Site Substation
- BH location
- House Locations

- UGC
- Inchamore Grid Connection Route
- HDD Crossings

- Delivery
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route

- Topography
- 10 m GDEM Contours

- Geology

- Clipped Layer
- Landslide Susceptibility
- High
- Low
- Low (Inferred)
- Moderately High
- Moderately Low

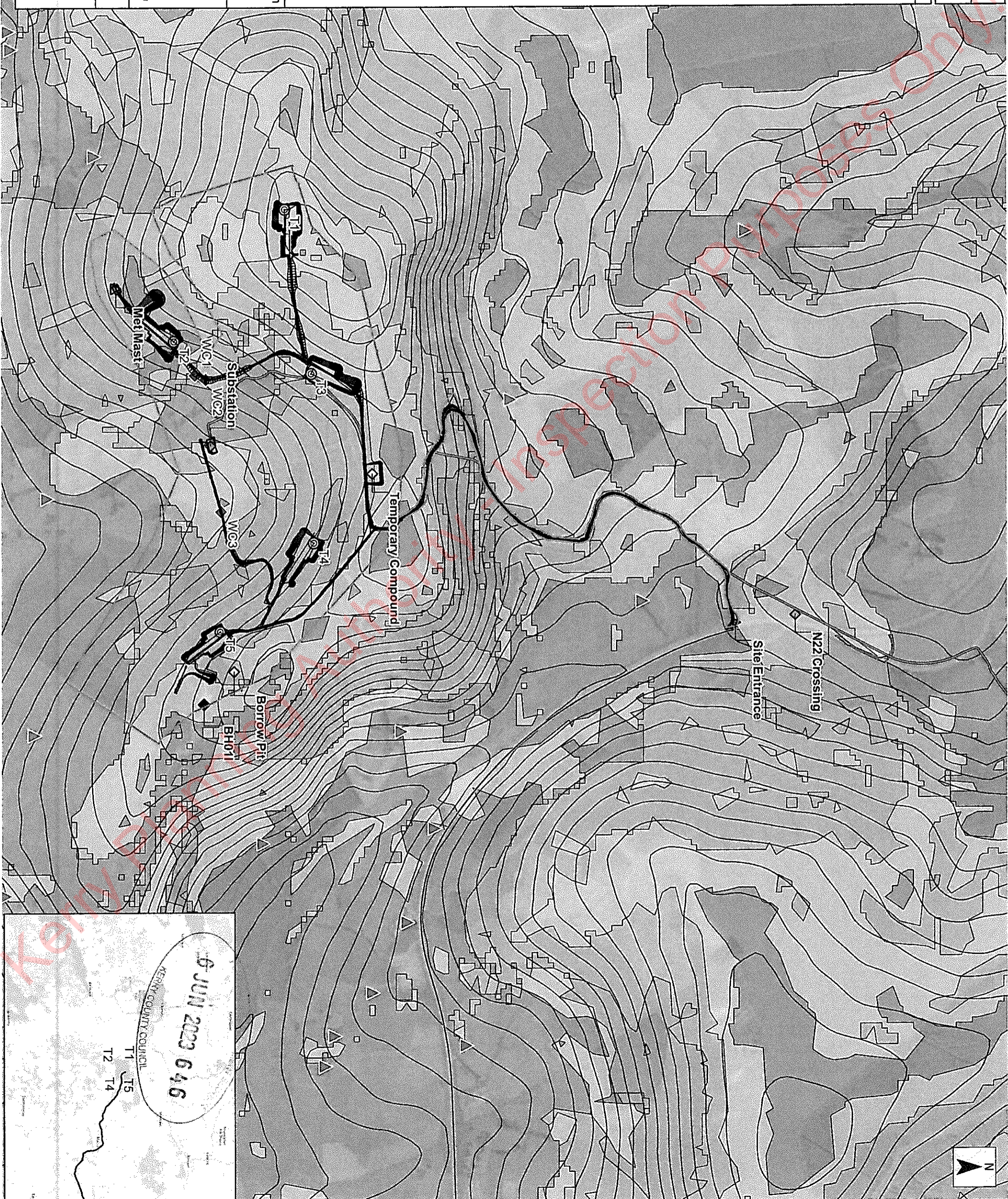
- Base Maps
- Bing Aerial

Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 13/04/2023

References/Sources:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / Geohive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (250m Grid Peak Depth - Greensource)

Note: Data points presented are approximated using open source data and/or a handheld GPS. This drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

Scale: 0 200 400 m



6 JUN 2023 6:46
 KERRY COUNTY COUNCIL
 T1 T5
 T2 T4

1st
2nd

Development Layout

- WF Red Line 23
- 230313 Site Layout
- Turbine Locations
- Site Entrances
- Proposed Met Mast
- Watercourse Crossings
- Proposed Borrow Pits
- Proposed Temporary Construction Compound
- Proposed On-Site Substation
- BH location
- House Locations

UGC

- Inchamore Grid Connection Route
- HDD Crossings

Delivery

- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route

Topography

- 100m GDEM Contours

Geology

Clipped Layer

Landslide Susceptibility

- High
- Low
- Low (Inferred)
- Moderately High
- Moderately Low
- Moderately Low (Inferred)
- Water

Base Maps

- Bing Aerial

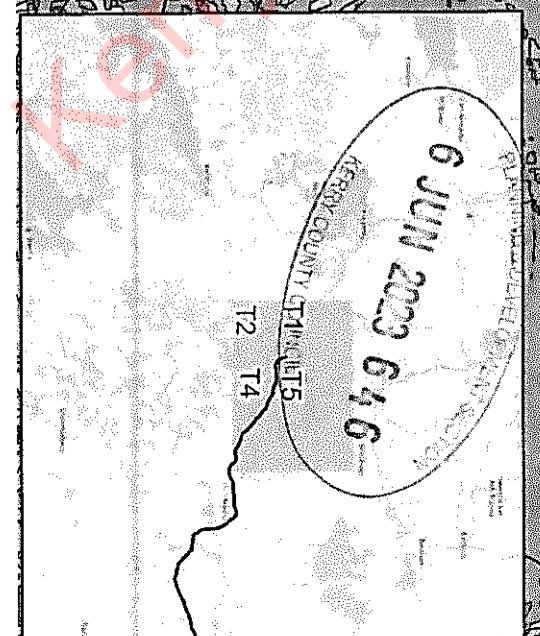
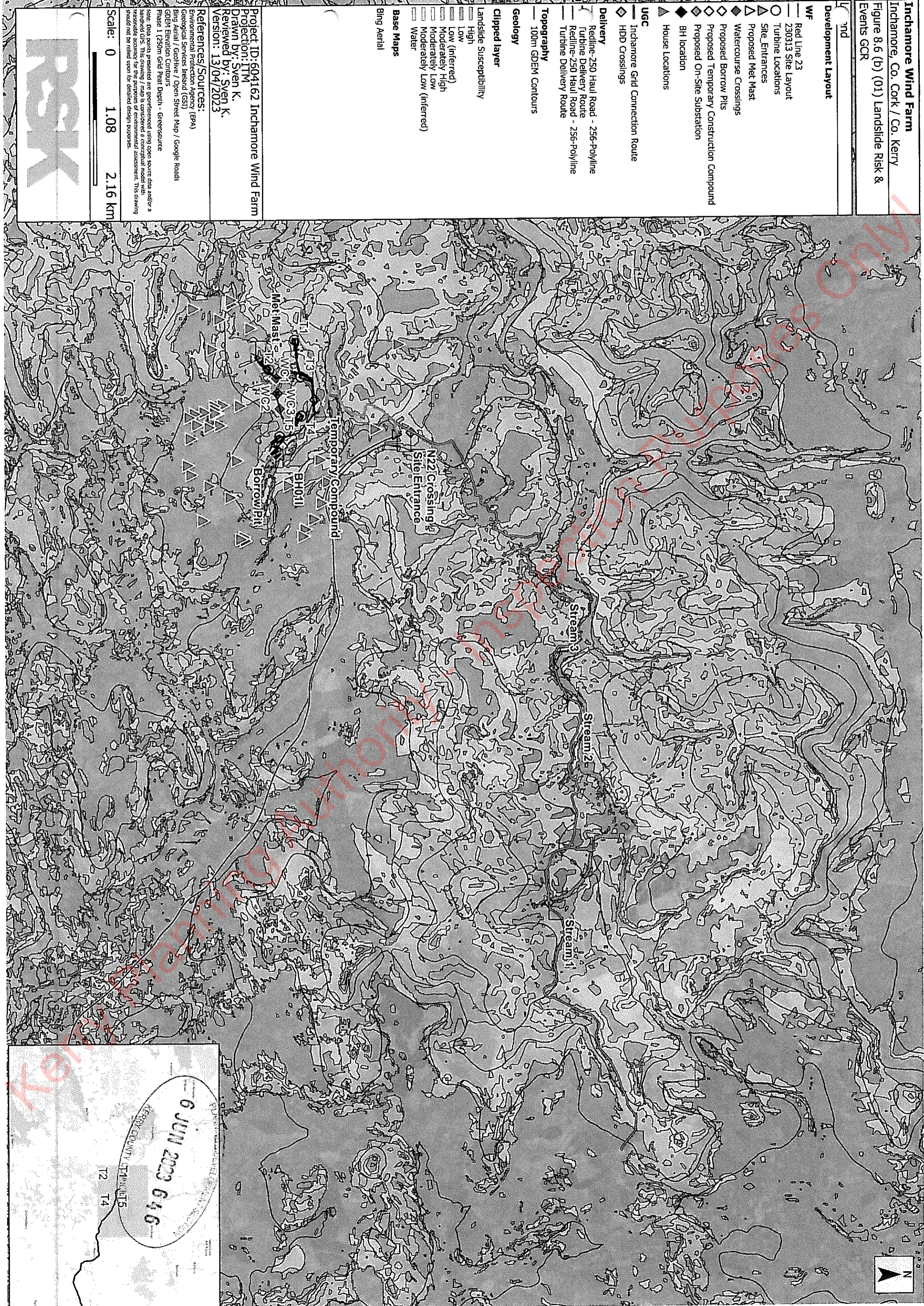
Project ID: 604162 Inchamore Wind Farm
Projection: ITM
Drawn by: Sven K.
Reviewed by: Sven K.
Version: 13/04/2023

References/Sources:

- Environmental Protection Agency (EPA)
- Geological Services, Ireland (GSI)
- Bing Aerial / Geohive / Open Street Map / Google Roads
- GDEM Elevation Contours
- Phase 1 (250m Grid Beat Depth - Greensource

Note: Data points presented are georeferenced using open source data and/or a
handheld GPS. This drawing / map is considered a conceptual model. While
reasonable accuracy for the purposes of environmental assessment, this drawing
should not be relied upon for detailed design purposes.

Scale: 0 1.08 2.16 km



Inchamore Wind Farm

Inchamore, Co. Cork / Co. Kerry

Figure 8.7 (01) Geo-Hazards Constraints
Map Wind Farm

- Development Layout
 - WF
 - Red Line 23
 - 230313 Site Layout
 - Turbine Locations
 - Site Entrances
 - Proposed Met Mast
 - Watercourse Crossings
 - Proposed Borrow Pits
 - Proposed Temporary Construction Compound
 - Proposed On-Site Substation
 - BH location
 - House Locations
 - Tree Felling - ST Layout
- UGC
 - Inchamore Grid Connection Route
 - HDD Crossings
- Delivery
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
- Hydrology
 - WFD River/Waterbody/Active
 - 50m SW Buffer
- Topography
 - 10 m GDEM Contours
 - Bedrock Outcrop (GSI)
 - Bedrock Outcrop Observed
- Geology
 - Landslide Susceptibility
 - High
 - Moderately High
 - 3188-A2-1WF SI Trial Pit Data
 - Yes, Iron Pan Present
- Base Maps
 - Aerial

Project ID: 604162 Inchamore Wind Farm

Projection: ITM

Drawn by: Sven K.

Reviewed by: Sven K.

Version: 13/04/2023

References/Sources:

Environmental Protection Agency (EPA)

Geological Services Ireland (GSI)

GDEN Elevation Contours

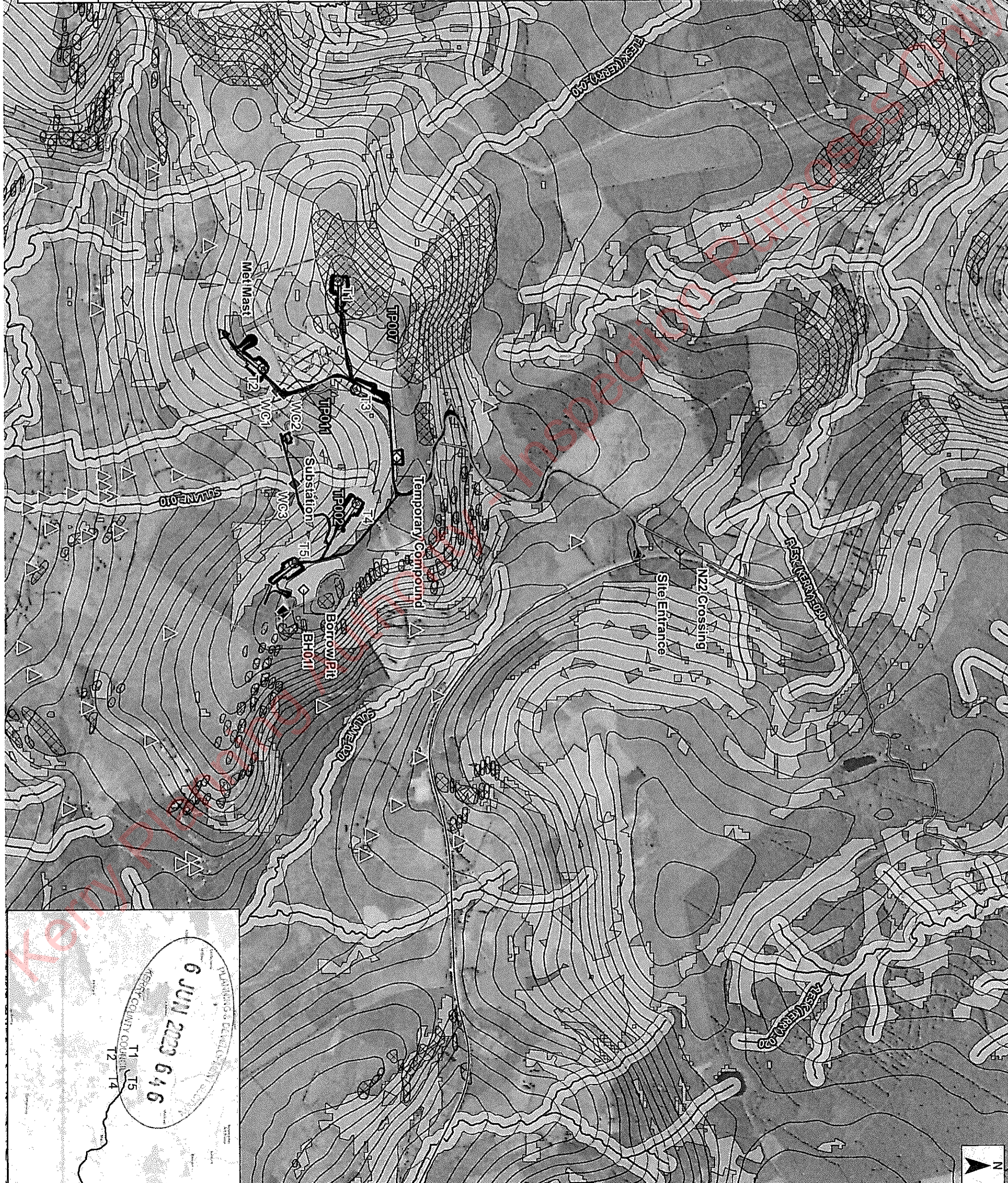
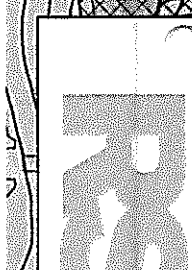
Phase 1 (250m Grid Heat Depth) - GreenSource

Note: Data points presented are georeferenced using open source data and/or a

reliable accuracy for the purposes of environmental assessment. This drawing

should not be relied upon for detailed design purposes.

Scale: 0 400 800 m



6 JUN 2023 6:46

PLANNING & DEVELOPMENT

KERRY COUNTY COUNCIL

T1 T5

T2 T4

Temporary



Inchamore Wind Farm

Inchamore, Co. Cork / Co. Kerry

Figure 9.1(a) (00) Site Location & Layout
Wind Farm

3rd

Development Layout

WF

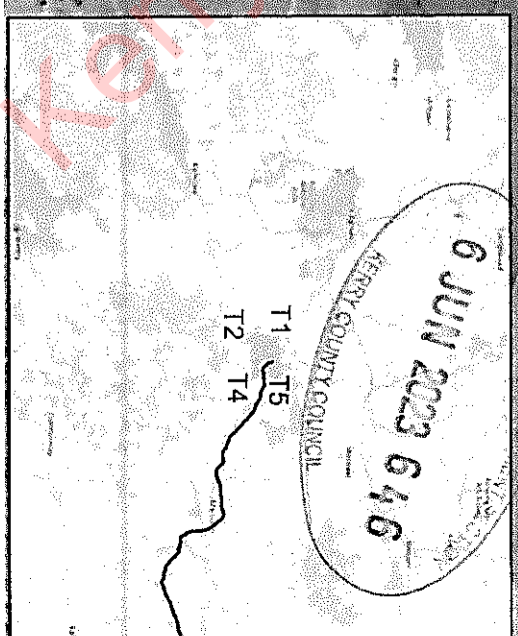
- Red Line 23
 - 230313 Site Layout
 - Turbine Locations
 - △ Site Entrances
 - △ Proposed Met Mast
 - ◆ Watercourse Crossings
 - ◆ Proposed Borrow Pits
 - ◆ Proposed Temporary Construction Compound
 - ◆ Proposed On-Site Substation
 - ◆ BH location
 - △ House Locations
 - Tree Felling - 5T Layout
- UGC**
- Inchamore Grid Connection Route
 - ◆ HDD Crossings
- Delivery**
- edline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
- Base Maps**
- Bing Aerial

Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 13/04/2023

References/Sources:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / Geohive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 1250m Grid Feet Depth - GreenSource

Note: Data points presented are georeferenced using open source data and/or a handheld GPS. This drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

Scale: 0 200 400 m



Inchamore Wind Farm
 Inchamore, Co. Cork / Co. Kerry
 Figure 9.2(a) (01) Surface Water Network
 Wind Farm

- nd
- Development Layout
- WF
- Red Line 23
 - 230313 Site Layout
 - Turbine Locations
 - Site Entrances
 - Proposed Met Mast
 - Watercourse Crossings
 - Proposed Borrow Pits
 - Borrow Pit
 - Proposed Temporary Construction Compound
 - Proposed On-Site Substation
 - House Locations
- UGC
- Inchamore Grid Connection Route
 - HDD Crossings
- Delivery
- Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
 - Redline-250 Haul Road - 256-Polyline
 - urbine Delivery Route
- Hydrology
- WFD_RiverWaterbodiesActive_Cycles3
 - A1&A2_Existing Drainage
- Catchments
- WFD_Catchments
 - WFD_Subcatchments
 - WFD_RiverSubbasins
- Base Maps
- Bing Aerial
 - OpenStreetMap

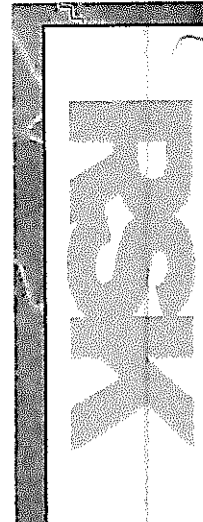


6 JUN 2023 6:46

KERRY COUNTY COUNCIL

T1 T2 T4

T2 T4



Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 21/09/2022

References:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / Geotire / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (250m Grid Peak Depth - Greensource)

Note: Data points presented are georeferenced using open source data and/or a handheld GPS. This drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

Scale: 0 0.27 0.54 km

Inchamore Wind Farm
 Inchamore, Co. Cork / Co. Kerry
 Figure 9.2(b) (01) Surface Water Network
 GCR

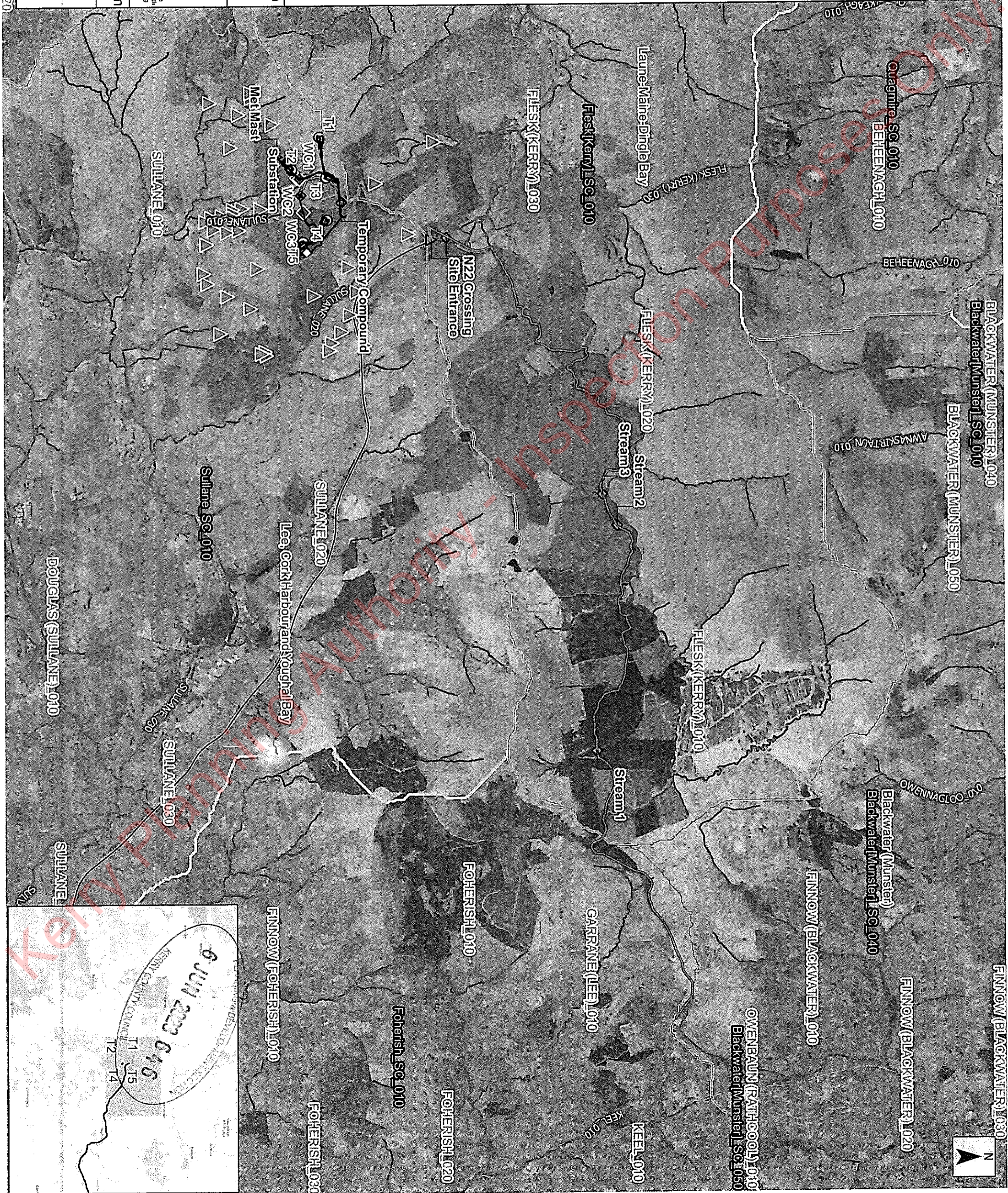
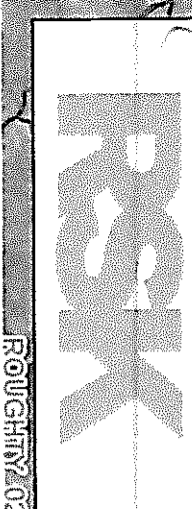
- Development Layout
- WF
- Red Line 23
- 230313 Site Layout
- Turbine Locations
- Site Entrances
- Proposed Met Mast
- Watercourse Crossings
- Proposed Borrow Pits
- Borrow Pit
- Proposed Temporary Construction Compound
- Proposed On-Site Substation
- House Locations
- UIC
- Inchamore Grid Connection Route
- HDD Crossings
- Delivery
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route
- Hydrology
- WFD_RiverWaterbodiesActive_Cycles3
- AI18A2_Existing Drainage
- Catchments
- WFD_Catchments
- WFD_Subcatchments
- WFD_RiverSubbasins
- Base Maps
- Bing Aerial
- OpenStreetMap

Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 21/09/2022

References:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / Geohive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (250m Grid Peak Depth - Greensource)

Note: Data points presented are generated using open source data and/or a handheld GPS. This drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

Scale: 0 1.08 2.16 km



6 JUN 2023 6:45

KERRY COUNTY COUNCIL

T1 T2 T3 T4 T5

ROUGHITV_020

Inchamore Wind Farm
 Inchamore, Co. Cork / Co. Kerry

Figure 9.3(a) (01) WFD Status Wind Farm

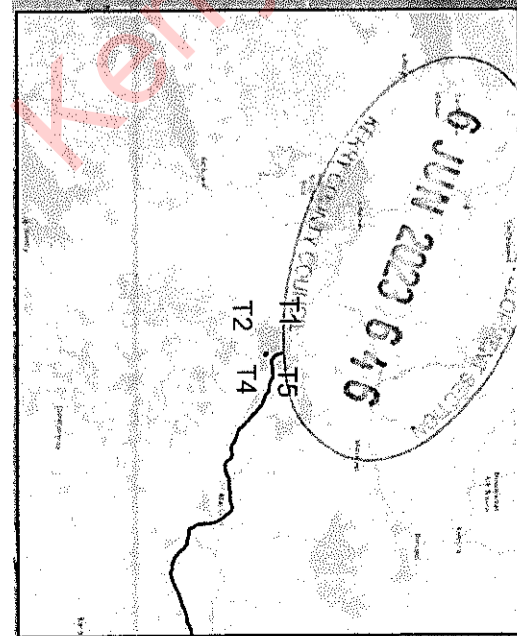
- 2nd
- Development Layout
- WF
- Red Line 23
 - 230313 Site Layout
 - Turbine Locations
 - △ Site Entrances
 - △ Proposed Met Mast
 - △ Watercourse Crossings
 - ◇ Proposed Borrow Pits
 - ◇ Borrow Pit
 - ◇ Proposed Temporary Construction Compound
 - ◇ Proposed On-Site Substation
 - △ House Locations
- UGC
- Inchamore Grid Connection Route
 - ◇ HDD Crossings
- Delivery
- Redline-250 Haul Road - 256-Foyleline
 - Turbine Delivery Route
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
 - .ology
 - A1&A2_Existing Drainage
- River Waterbody WFD Status 2016-2021
- Base Maps
- Bing Aerial

Project ID:604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 21/09/2022

References/Sources:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / Geohive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (250m Grid Heat Depth) - Greensource

Note: Data points presented are georeferenced using open source data and/or a handheld GPS. This drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

Scale: 0 0.27 0.54 km



Inchamore Wind Farm

Inchamore, Co. Cork / Co. Kerry

Figure 9.3(b) (01) WFD Status GCR

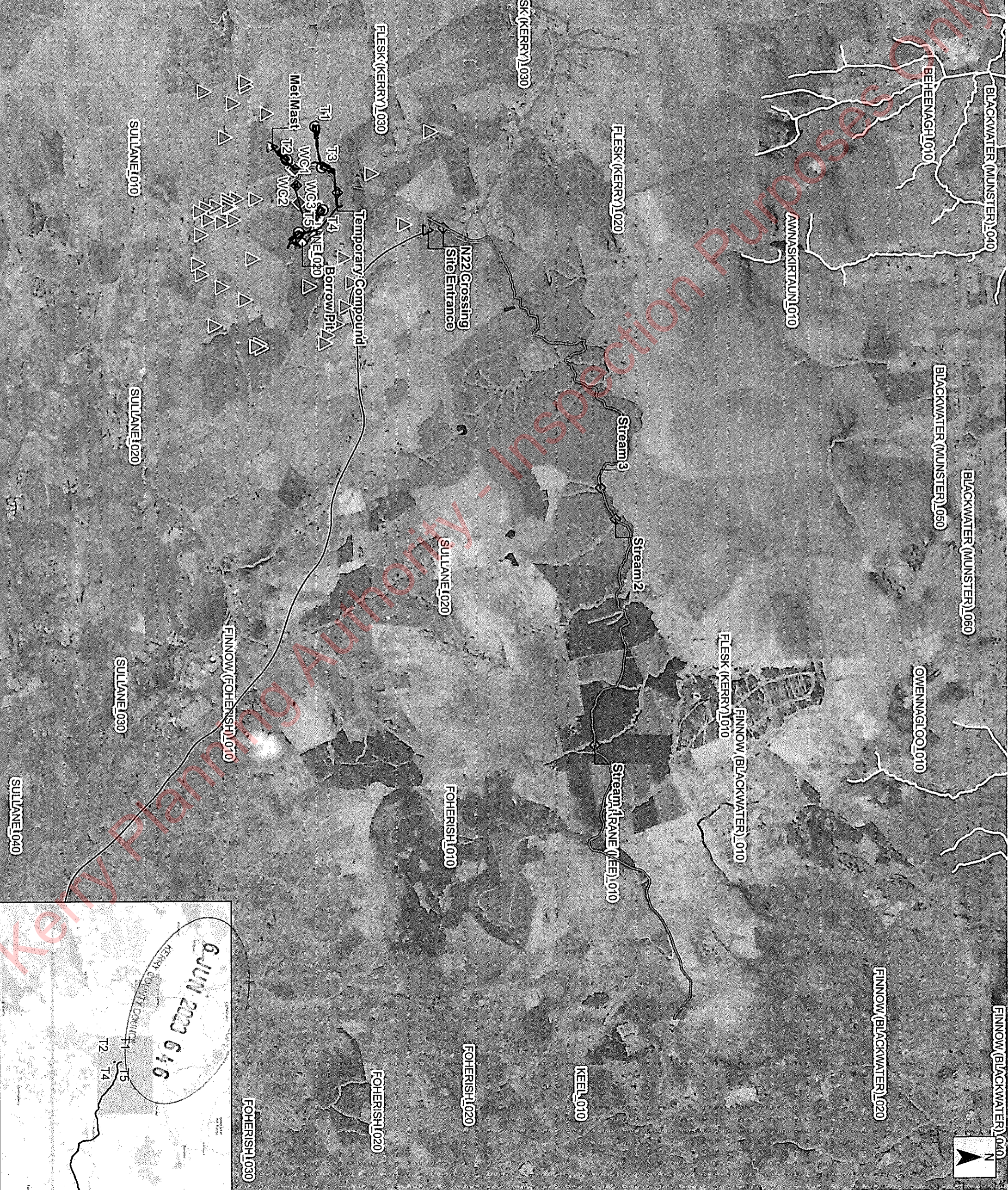
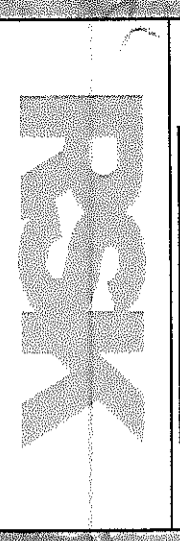
- Development Layout
- WF
 - Red Line Z3
 - 230313 Site Layout
 - Turbine Locations
 - Site Entrances
 - Proposed Met Mast
 - Watercourse Crossings
 - Proposed Borrow Pits
 - Borrow Pit
 - Proposed Temporary Construction Compound
 - Proposed On-Site Substation
 - House Locations
- UIC
 - Inchamore Grid Connection Route
 - HDD Crossings
- Delivery
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
- Hydrology
 - A18A2_Existing Drainage
 - River Waterbody WFD Status 2016-2021
 - High
 - Good
 - Moderate
 - Poor
 - Bad
 - Unassigned

Project ID: 604162 Inchamore Wind Farm
Projection: ITM
Drawn by: Sven K.
Reviewed by: Sven K.
Version: 21/09/2022

References/Sources:
Environmental Protection Agency (EPA)
Geological Services Ireland (GSI)
Bing Aerial / Geohive / Open Street Map / Google Roads
GDEM Elevation Contours
Phase 1 (250m Grid Peak Depth - Greensource)

Note: Data points presented are generated using open source data and/or a licensed GIS. This drawing / report is a conceptual model with results not to be relied upon for detailed design purposes.

Scale: 0 1.08 2.16 km



6 JUN 2023 6:16
KERRY COUNTY COUNCIL
T2 T4 T5

and
Development Layout
WF
— Red Line Z3
○ 230313 Site Layout
○ Turbine Locations
△ Site Entrances
△ Proposed Met Mast
△ Watercourse Crossings
◇ Proposed Borrow Pits
◇ Proposed Temporary Construction Compound
◇ Proposed On-Site Substation
◆ BH location
△ House Locations
— Tree Felling - ST Layout
UGC
— Inchamore Grid Connection Route
— HDD Crossings
P-delivery
— Redline-250 Haul Road - 256-Polyline
— Turbine Delivery Route
— Redline-250 Haul Road - 256-Polyline
— Turbine Delivery Route
Hydrology
— A1&A2_Existing Drainage
River Waterbodies Risk
At Risk
Not at Risk
Review
Unassigned



RSK

Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 13/04/2023

References/Sources:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / Geohive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (25m Grid Best Depth) - Greensource

Note: Data points presented are georeferenced using open source data and/or a handheld GPS. This drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

Scale: 0 200 400 m

6-JUN-2023 6:46
 KERRY COUNTY COUNCIL T4 T5
 T2 T4

Inchamore Wind Farm

Inchamore, Co. Cork / Co. Kerry

Figure 9.4 (b) (01) WFD Risk GCR

end

Development Layout

- WF Red Line 23
- 230333 Site Layout
- Turbine Locations
- Site Entrances
- Proposed Met Mast
- Watercourse Crossings
- Proposed Borrow Pits
- Proposed Temporary Construction Compound
- Proposed On-Site Substation
- BH location
- House Locations

UGC

- Inchamore Grid Connection Route
- HDD Crossings

Delivery

- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route

Hydrology

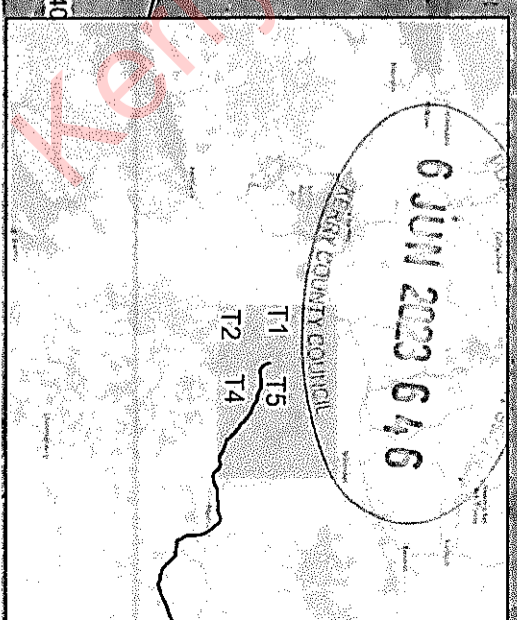
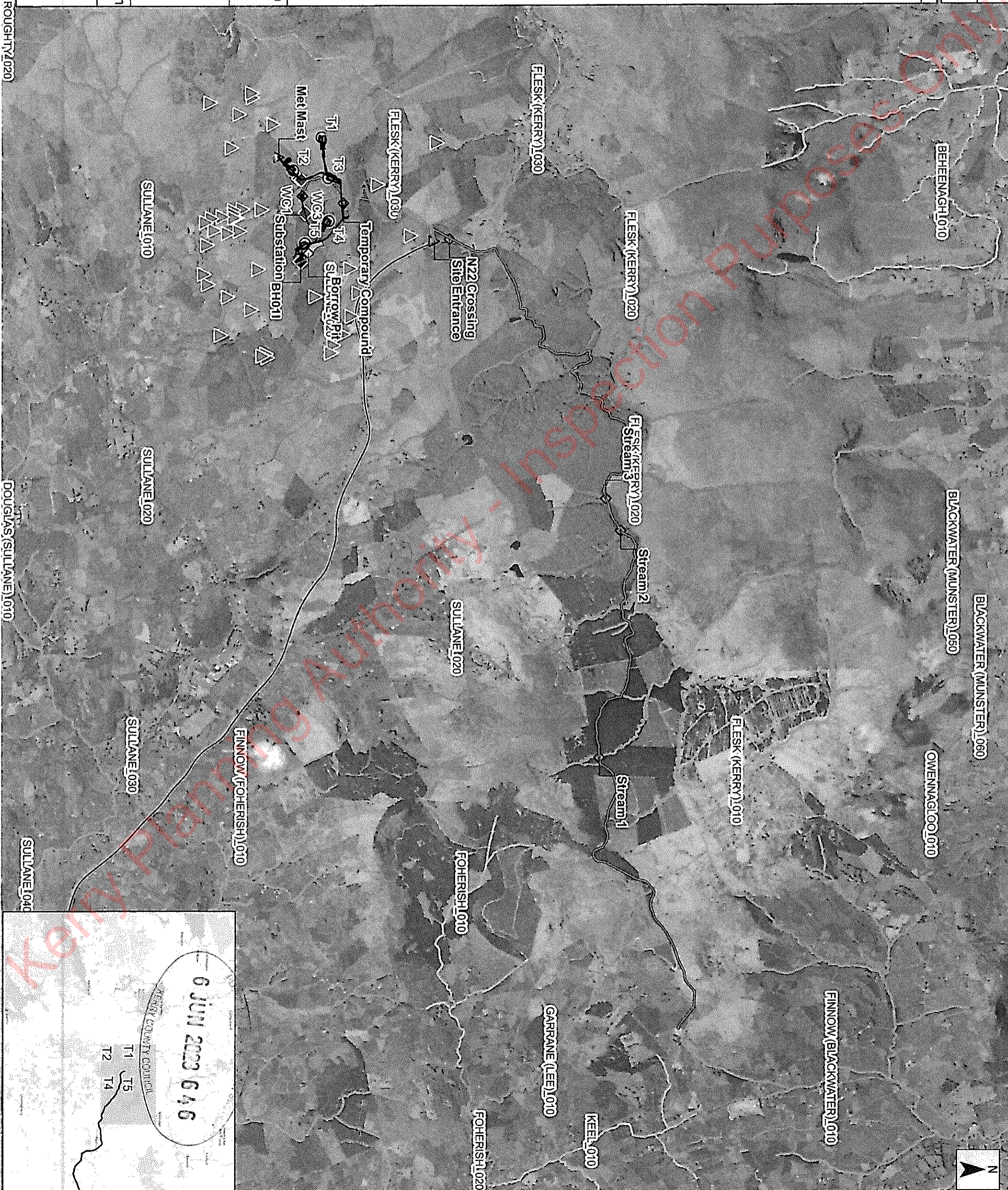
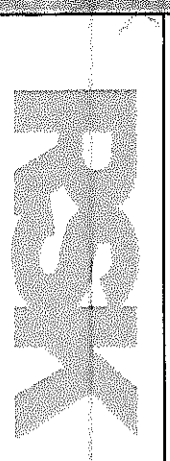
- A18A2 Existing Drainage
- River Waterbodies Risk

- At Risk
- Not at Risk
- Review
- Unassigned

Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 13/04/2023

References/Sources:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / Geohive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (250m Grid Post Depth - GreenSource
 Note: Data points presented are georeferenced using open source data and/or a
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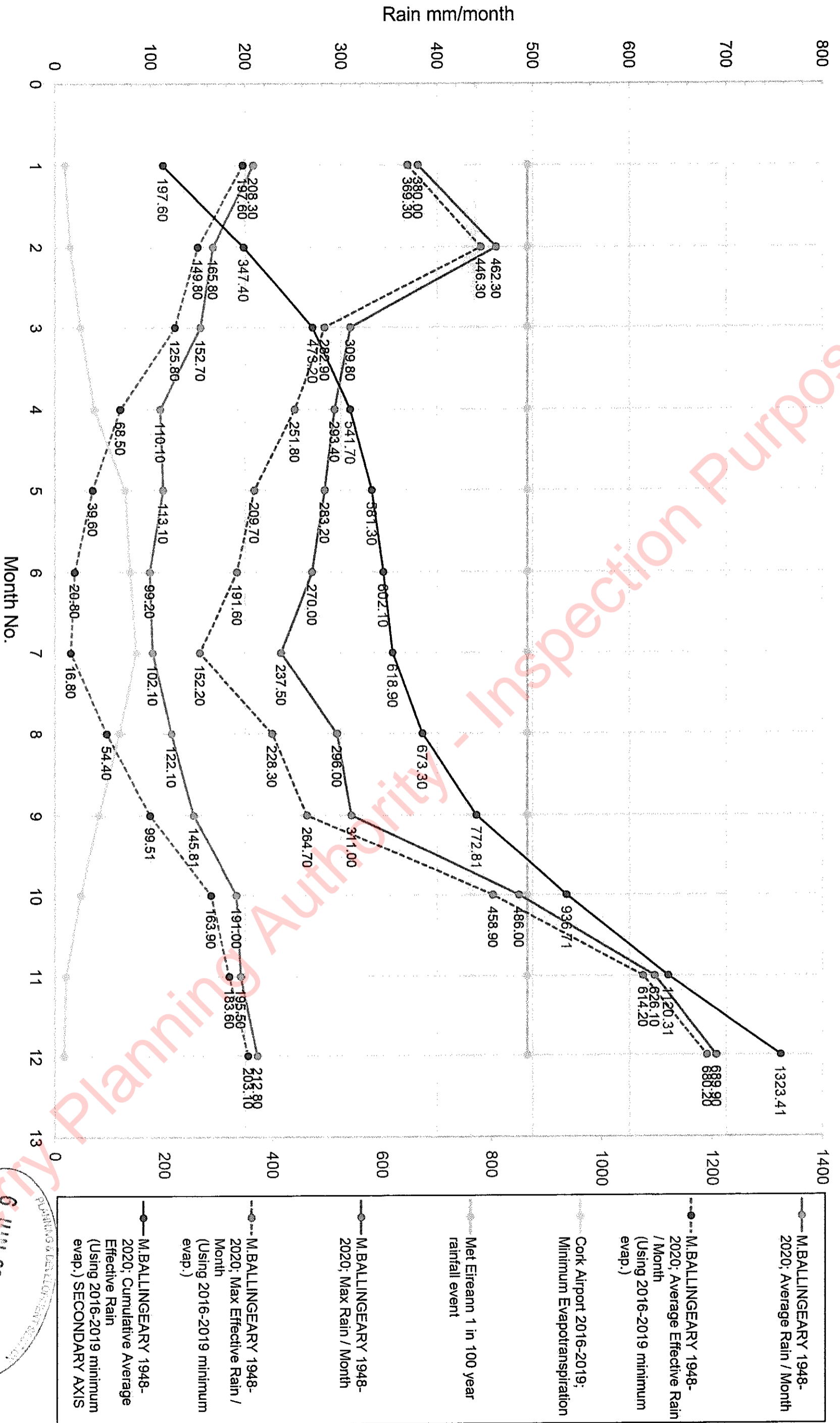
Scale: 0 1.08 2.16 km



ROUGH TY 1020

DOUGLAS (SULLANE) 1010





6 JUN 2023 016
 PLANNING & ENVIRONMENT DEPARTMENT
 HERIOT-WATSON UNIVERSITY

EIAR Figure 9.6 - Surface Water & Designated Area Flow Chart

603679-Hydro-R3-Fig9.6-(01)-Surface Water and Designated Areas Flow Chart CMc 13/04/2023

FLOW	Associated Elements	T1, T2, T3, T4, T5, Borrow Pit, Met Mast, Substation, Temporary Compound
-------------	----------------------------	--

UPSTREAM

Catchment = Lee, Cork Harbour and Youghal Bay (ID = 19, Area = 2182km²)

Sub- Catchment = Lee[Cork]_SC_010

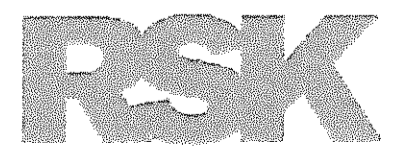
SENSITIVE / PROTECTED AREAS	River Sub Basin = Sullane 010
	Sullane 010
	WFD Good 2016-2021 At Risk
SAC: St. Gobnet's Wood SAC Proposed NHA: St. Gobnet's Wood	Sullane 020
	WFD Good 2016-2021 At Risk
	Sullane 030
	WFD High 2016-2021 Not At Risk
	Sullane 040
	WFD High 2016-2021 Not At Risk
Proposed NHA: Prohus Wood	Sullane 050
	WFD High 2016-2021 Not At Risk
	Sullane 060
	WFD Good 2016-2021 Not At Risk
	Lee (Cork) 060
	WFD High 2016-2021 At Risk
	Carrigdrohid Reservoir
	WFD Moderate 2016-2021 At Risk
	Inniscarra Reservoir
	WFD Good 2016-2021 Not At Risk
NHA; Lee Valley	Lee (Cork) 090
	WFD Good 2016-2021 Not At Risk
	Lee (Cork) Upper Estuary
	WFD Moderate 2016-2021 n/a
Cork Harbour SPA Proposed NHA: Douglas River Estuary Proposed NHA: Rockfarm Quarry, Little Island	Lough Mahon
	WFD Moderate 2016-2021 n/a

DOWN STREAM

NOTES:
* Denotes infrastructure is situated on the boarder to two Subcatchments and/or River Basins

LEGEND:

	River or Stream
	Lake or similar surface water body
	Transitional or oceanic surface water feature



6 JUN 2023 6:46
 KERRY COUNTY COUNCIL

27 JUN 2023 11:17
 KERRY COUNTY COUNCIL

Inchamore Wind Farm

Inchamore, Co. Cork / Co. Kerry

Figure 9.7 (a) (00) Surface Water Mapping and Survey Overview

- 3rd
- Development Layout
- W/F
 - Red Line 23
 - 230313 Site Layout
- Turbine Locations
- Site Entrances
- Proposed Met Mast
- Watercourse Crossings
- Proposed Borrow Pits
- Borrow Pit
- Proposed Temporary Construction Compound
- Proposed On-Site Substation
- House Locations
- Ancillary
 - Proposed Culverts
 - Inchamore Baseline SW Sampling Locations
- UGC
 - Inchamore Grid Connection Route
 - IDD Crossings
- Delivery
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
- Hydrology
 - W/FD_RiverWaterbodiesActive_Cycles3
 - A18A2_Existing Drainage
 - River Flow Direction
- Catchments
 - W/FD_Catchments
 - W/FD_Subcatchments
- Base Maps
 - Bing Aerial
 - OpenStreetMap

Project ID: 604162 Inchamore Wind Farm

Projection: ITM

Drawn by: Sven K.

Reviewed by: Sven K.

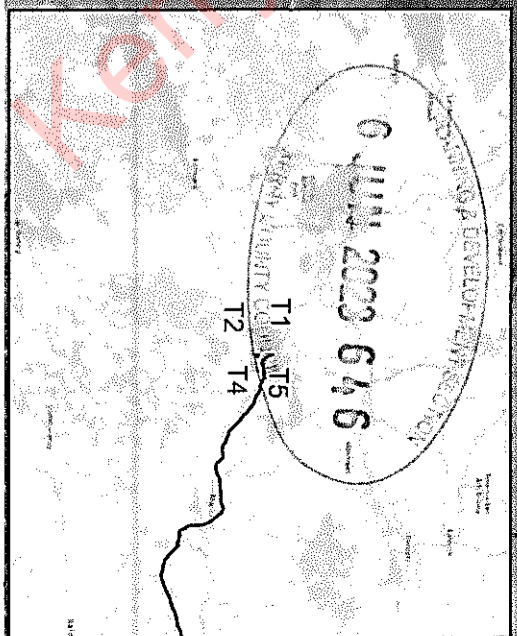
Version: 21/09/2022

References/Sources:

Environmental Protection Agency (EPA)
Geological Services Ireland (GSI)
Bing Aerial / GeoHive / Open Street Map / Google Roads
GDEM Elevation Contours
Phase 1 (250m Grid Post Depth) - Greensource

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Scale: 0 0.27 0.54 km



Inchamore Wind Farm
 Inchamore, Co. Cork / Co. Kerry

Figure 9.7 (b) (00) Surface Water Mapping and Survey Overview Connection

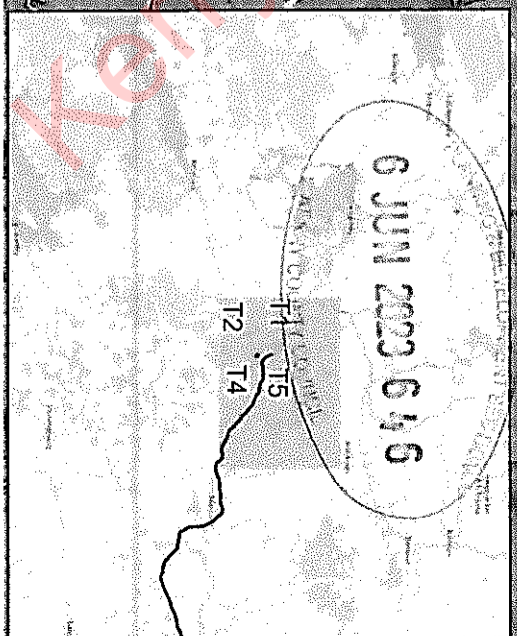
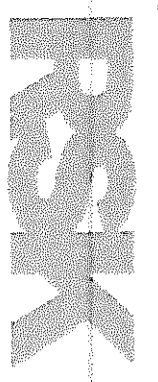
- Development Layout**
- WF Red Line 23
 - 230313 Site Layout
 - Turbine Locations
 - Site Entrances
 - Proposed Met Mast
 - Watercourse Crossings
 - Proposed Borrow Pits
 - Borrow Pit
 - Proposed Temporary Construction Compound
 - Proposed On-Site Substation
 - House Locations
- Ancillary**
- Proposed Culverts
 - Inchamore Baseline SW Sampling Locations
- USC**
- Inchamore Grid Connection Route
 - HDD Crossings
- Delivery**
- Redline 250 Haul Road - 256-Polyline
 - Turbine Delivery Route
 - Redline 250 Haul Road - 256-Polyline
 - Turbine Delivery Route
- Hydrology**
- WFD_RiverWaterbodiesActive_Cycle3
 - A1&A2_Existing Drainage
 - River Flow Direction
- Catchments**
- WFD_Catchments
 - WFD_Subcatchments
- Base Maps**
- Bing Aerial
 - OpenStreetMap

Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 21/09/2022

References/Sources:
 Environmental Protection Agency (EPA)
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 Phase 1 (250m Grid Peak Depth) - Greensource

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Scale: 0 1.08 2.16 km



Inchamore Wind Farm
 Inchamore, Co. Cork / Co. Kerry
 Wind Farm

Figure 9.8 (a) (00) Bedrock Aquifer
 Wind Farm


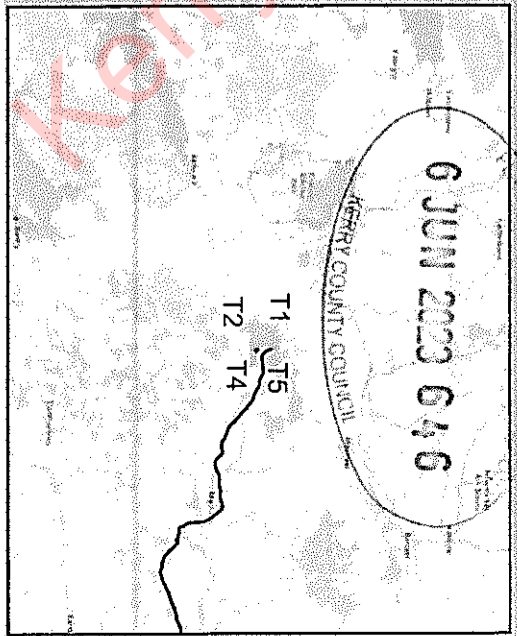
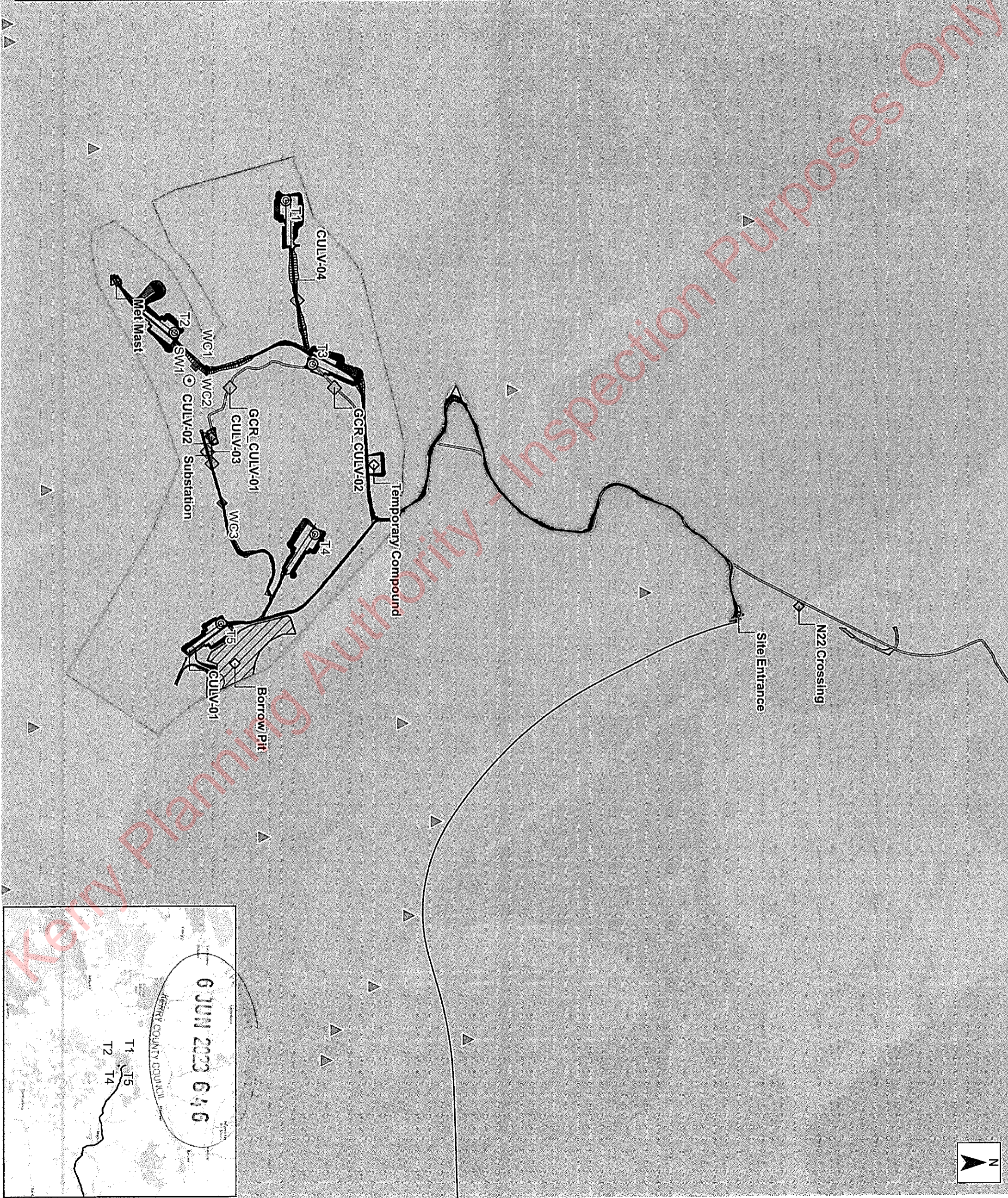
- Development Layout
- WF Red Line 23
 - 230313 Site Layout
 - Turbine Locations
 - Site Entrances
 - Proposed Met Mast
 - Watercourse Crossings
 - Proposed Borrow Pits
 - Borrow Pit
 - Proposed Temporary Construction Compound
 - Proposed On-Site Substation
 - House Locations
- Ancillary
- Proposed Culverts
 - Inchamore Baseline SW Sampling Locations
- UGC
- Inchamore Grid Connection Route
 - 4DD Crossings
- Delivery
- Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
- Hydrogeology
- Google Satellite
 - GSI Bedrock Aquifer

Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 21/09/2022

References/Sources:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / Geohive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (230m Grid Peak Depth - Greensource)

Note: Data points presented are georeferenced using open source data and/or a handheld GPS. This drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

Scale: 0 0.27 0.54 km

Inchamore Wind Farm
 Inchamore, Co. Cork / Co. Kerry

Figure 9.8 (b) (00) Bedrock Aquifer Grid Connection Route

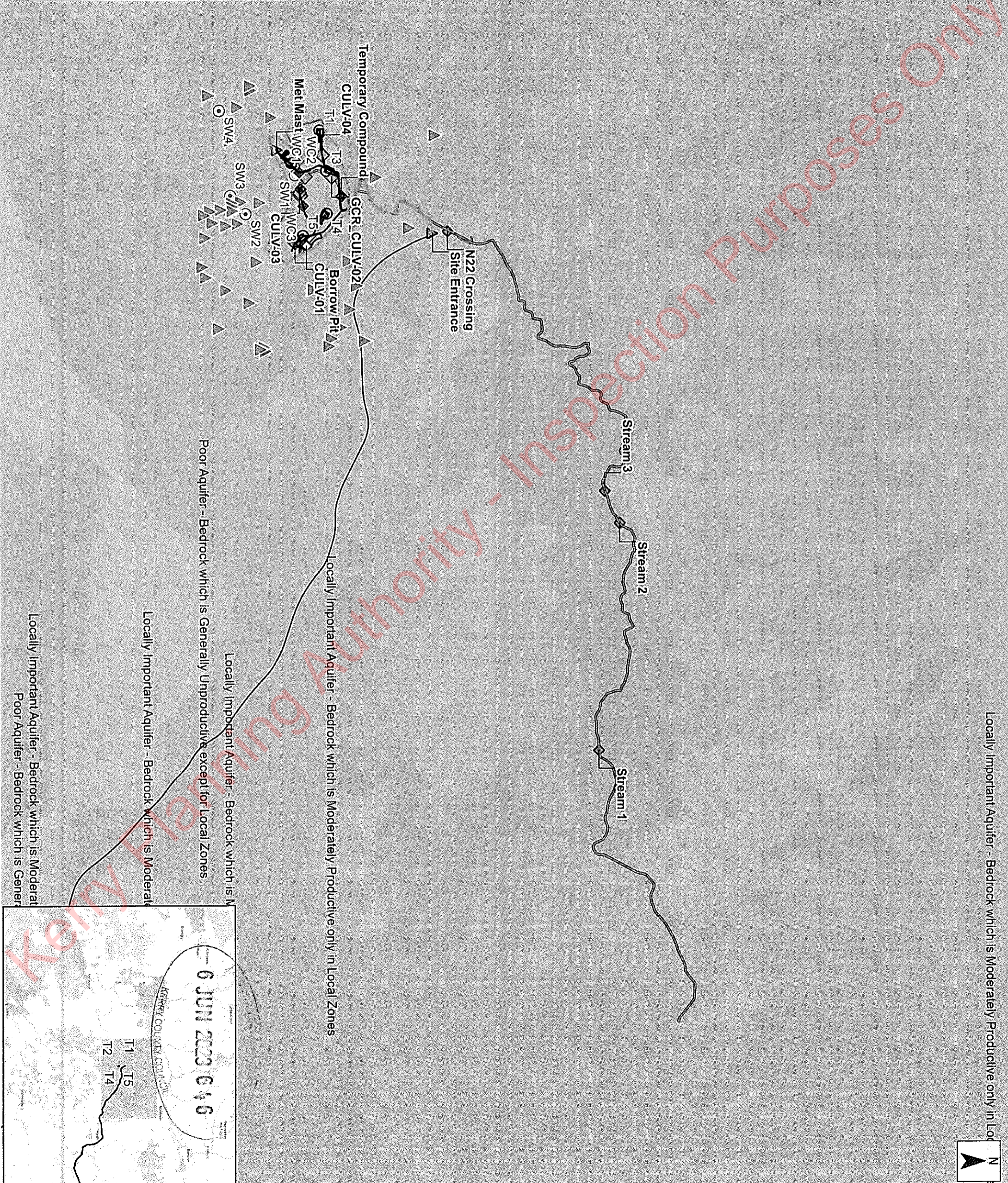
- and
- Development Layout
- WF
 - Red Line Z3
 - 230313 Site Layout
 - Turbine Locations
 - Site Entrances
 - Proposed Met Mast
 - Watercourse Crossings
 - Proposed Borrow Pits
 - Borrow Pit
 - Proposed Temporary Construction Compound
 - Proposed On-Site Substation
 - House Locations
- Ancillary
 - Proposed Culverts
 - Inchamore Baseline SW Sampling Locations
- USC
 - Inchamore Grid Connection Route
 - HDD Crossings
- Delivery
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
- Hydrogeology
 - Google Satellite
 - GSI Bedrock Aquifer
 - LI
 - PI
 - Rkd

Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 21/09/2022

References/Sources:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / Geohive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (250m Grid) Peat Depth - GreenSource

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Scale: 0 1.08 2.16 km



6 JUN 2023 646

KERRY COUNTY COUNCIL

T1 T5
T2 T4

Inchamore Wind Farm

Inchamore, Co. Cork / Co. Kerry
Figure 9.9 (a) (00) Groundwater
Vulnerability Wind Farm

3rd
Development Layout

- WF
- Red Line 23
- 230313 Site Layout
- Turbine Locations
- Site Entrances
- Proposed Met Mast
- Watercourse Crossings
- Proposed Borrow Pits
- Borrow Pit
- Proposed Temporary Construction Compound
- Proposed On-Site Substation

- UGC
- Inchamore Grid Connection Route
- HDD Crossings

- Delivery
- Redline-250 Haul Road - 256+Polyline
- Turbine Delivery Route
- Redline-250 Haul Road - 256+Polyline
- Turbine Delivery Route

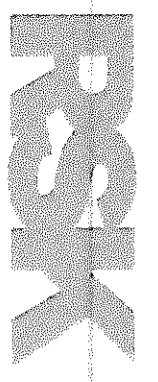
Hydrogeology
Google Satellite

IRL_VULNERABILITY_ITM
E
H
X

Project ID:604162 Inchamore Wind Farm
Projection:ITM
Drawn by:Sven K.
Reviewed by:Sven K.
Version: 21/09/2022

References/Sources:
Environmental Protection Agency (EPA)
Geological Services Ireland (GSI)
Bing Aerial / Geohive / Open Street Map / Google Roads
GDEM Elevation Contours
Phase 1 (250m Grid Peak Depth) - Greensource
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Scale: 0 0.27 0.54 km



6 JUN 2023 046
MERRY COUNTY COUNCIL
T1 T5
T2 T4

Inchamore Wind Farm

Inchamore, Co. Cork / Co. Kerry

Figure 9.9 (b) (00) Groundwater

Vulnerability Grid Connection Route

End

Development Layout

WF

Red Line 23

230313 Site Layout

Turbine Locations

Site Entrances

Proposed Met Mast

Watercourse Crossings

Proposed Borrow Pits

Borrow Pit

Proposed Temporary Construction Compound

Proposed On-Site Substation

USC

Inchamore Grid Connection Route

HDD Crossings

Delivery

Redline-250 Haul Road - 256-polyline

Turbine Delivery Route

Redline-250 Haul Road - 256-polyline

Turbine Delivery Route

Geology

Google Satellite

IRL_VULNERABILITY_TTM

E

H

L

M

Water

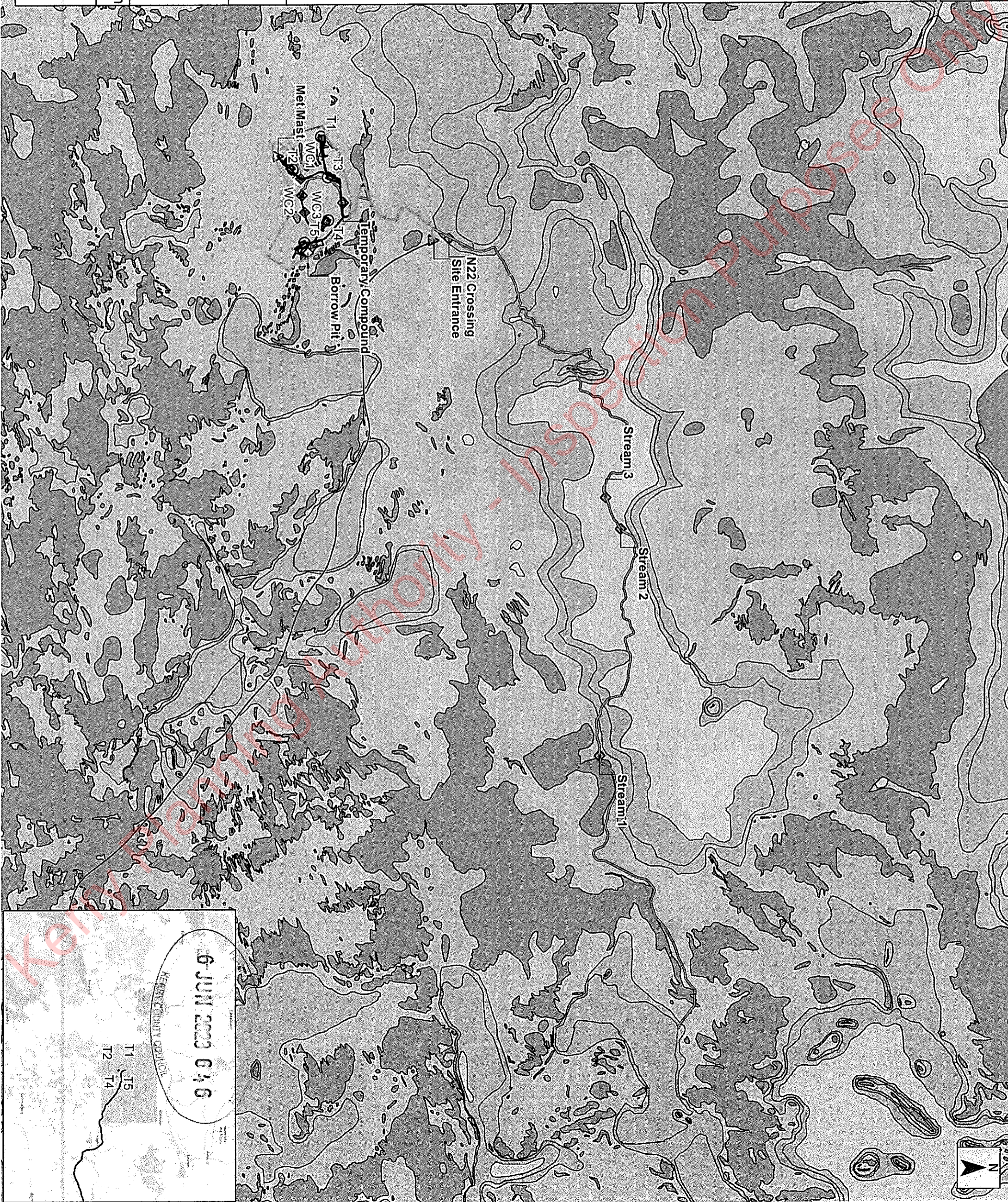
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Project ID:604162 Inchamore Wind Farm
Projection: ITM
Drawn by: Sven K.
Reviewed by: Sven K.
Version: 21/09/2022

References/Sources:

Environmental Protection Agency (EPA)
Geological Services Ireland (GSI)
Bing Aerial / Geohive / Open Street Map / Google Roads
GDEM Elevation Contours
Phase 1 (250m Grid Peak Depth - GreenSource
Note: Data points presented are georeferenced using open source data and/or a
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should not be relied upon for detailed design purposes.

Scale: 0 1.08 2.16 km



6 JUN 2023 6 46
KERRY COUNTY COUNCIL
T1 T5
T2 T4

Inchamore Wind Farm
 Inchamore, Co. Cork / Co. Kerry

Figure 9.10 (a) (01) Groundwater Recharge Wind Farm

end

Development Layout

- WF
- Red Line 23
- 230313 Site Layout
- △ Site Entrances
- △ Proposed Met Mast
- ◇ Watercourse Crossings
- ◇ Proposed Borrow Pits
- ◇ Proposed Temporary Construction Compound
- ◇ Proposed On-Site Substation
- ◆ BH location
- ▲ House Locations

UGC

- Inchamore Grid Connection Route
- ◇ HDD Crossings

Delivery

- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route

Hydrogeology

- GSI Groundwater Recharge (mm/yr)
- 101-150
- 151-200

Base Maps

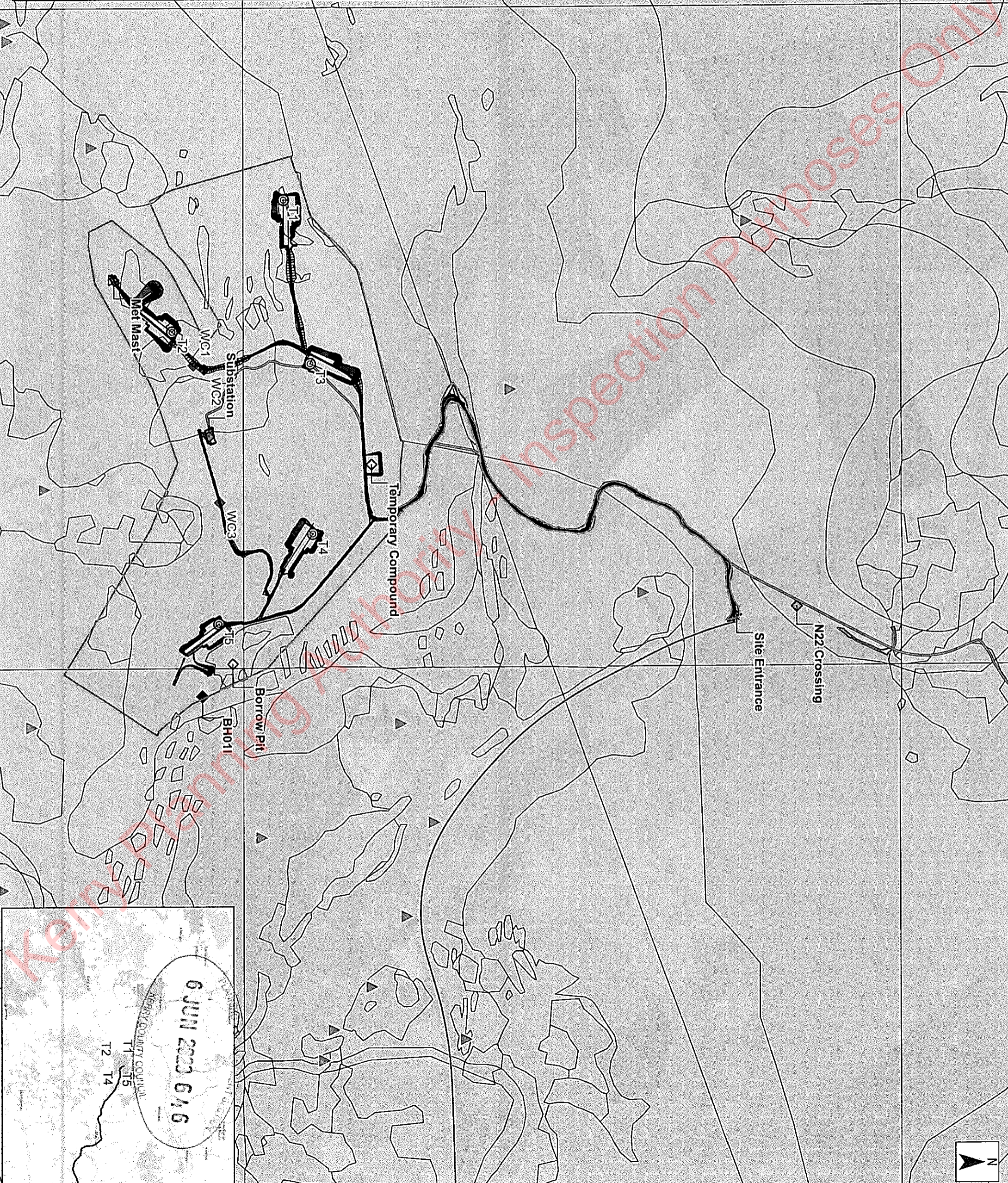
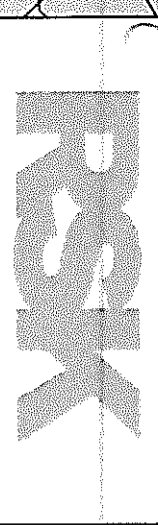
- Bing Aerial

Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 13/04/2023

References/Sources:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / Geohive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (250m Grid Feet Depth - GreenSource)

Note: Data points presented are georeferenced using open source data and/or a handheld GPS. This drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

Scale: 0 200 400 m



6 JUN 2023 046

ASHERY COUNTY COUNCIL

T1 T5
T2 T4

Inchamore Wind Farm
Inchamore, Co. Cork / Co. Kerry

Figure 9.10 (b) (01) Groundwater Recharge Grid Connection Route

Wind

Development Layout

- WF Red Line 23
- 230313 Site Layout
- Turbine Locations
- Site Entrances
- Proposed Met Mast
- Watercourse Crossings
- Proposed Borrow Pits
- Proposed Temporary Construction Compound
- Proposed On-Site Substation
- BH location
- House Locations

UGC

- Inchamore Grid Connection Route
- HDD Crossings

Delivery

- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route

Hydrogeology

- GSI Groundwater Recharge (mm/Yr)
- 1-50
- 51-100
- 101-150
- 151-200
- 251-300
- 501-550
- 551-600
- 701-800
- 1001-1400

Base Maps

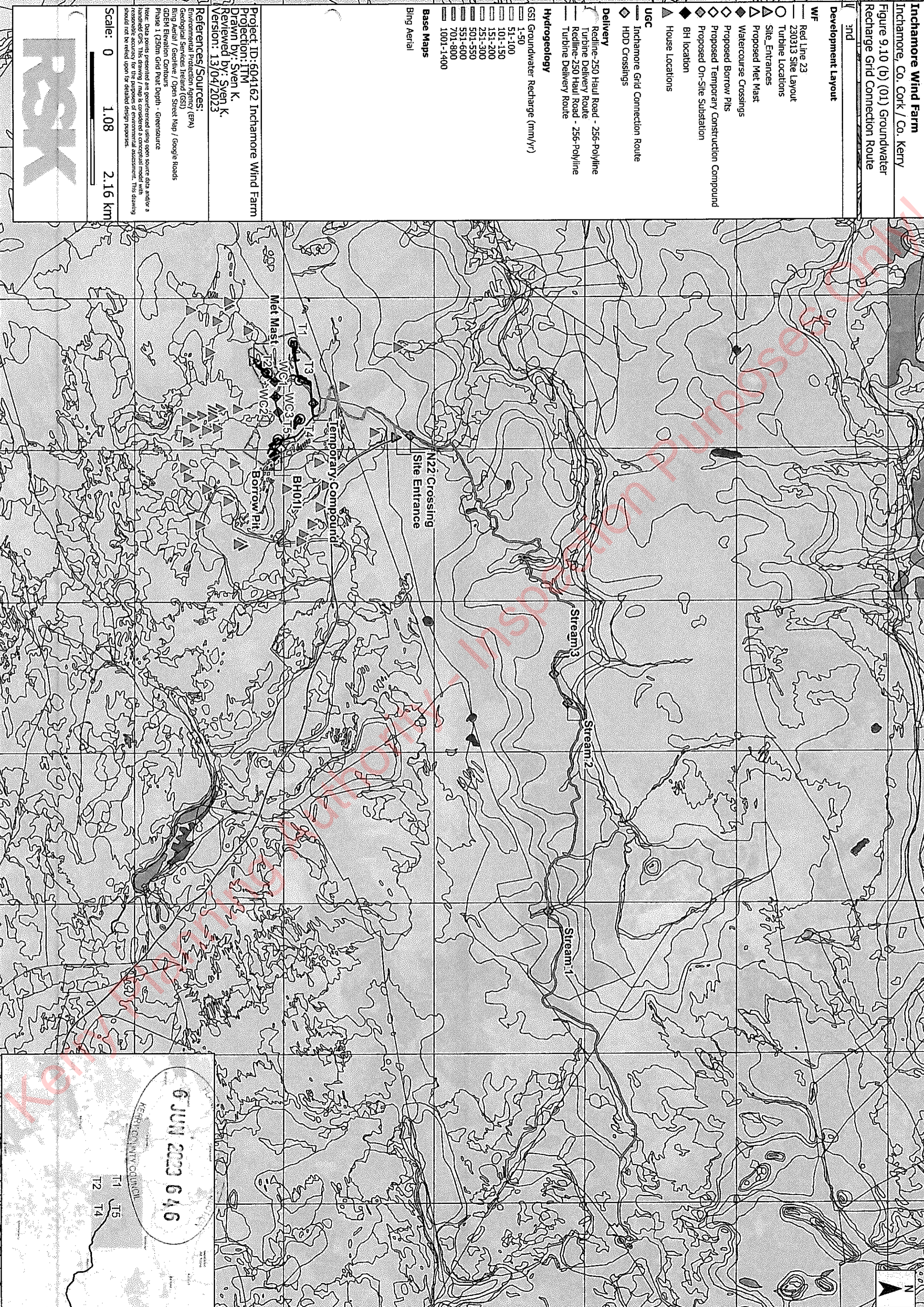
- Bing Aerial

Project ID: 604162 Inchamore Wind Farm
Projection: ITM
Drawn by: Sven K.
Reviewed by: Sven K.
Version: 13/04/2023

References/Sources:
Environmental Protection Agency (EPA)
Geological Services Ireland (GSI)
Bing Aerial / Geohive / Open Street Map / Google Roads
GDEM Elevation Contours
Phase 1 (250m Grid Feet Depth) - Greensource

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Scale: 0 1.08 2.16 km



6 JUN 2023 6 46
KERRY COUNTY COUNCIL
T1 T5
T2 T4

Development Layout	<ul style="list-style-type: none"> Red Line 23 230313 Site Layout Turbine Locations Site Entrances Proposed Met Mast Watercourse Crossings Proposed Borrow Pits Proposed Temporary Construction Compound Proposed On-Site Substation BH location House Locations
UGC	<ul style="list-style-type: none"> Inchamore Grid Connection Route HDD Crossings
Delivery	<ul style="list-style-type: none"> Redline-250 Haul Road - 256-Polyline Furline Delivery Route Redline-250 Haul Road - 256-Polyline Turbine Delivery Route
Hydrology	<ul style="list-style-type: none"> WFD_RiverWaterbodiesActive A18A2_Existing Drainage
Catchments	<ul style="list-style-type: none"> WFD_Catchments WFD_Subcatchments
Hydrogeology	<ul style="list-style-type: none"> Wells Recorded Wells (GS1)
Base Maps	<ul style="list-style-type: none"> Bing Aerial



Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 13/04/2023

References/Sources:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GS1)
 Bing Aerial / Geohive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (230m Grid Peak Depth - GreenSource

Note: Data points presented are georeferenced using open source data and/or a handheld GPS. This drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

Scale: 0 200 400 m

RSK

6 JUN 2023 646

KERRY COUNTY COUNCIL

T1 T5
T2 T4

Figure 9.11 (b) (01) Designated &
 Protected Areas Grid Connection Route

Development Layout

- WF Red Line 23
- 230313 Site Layout
- Turbine Locations
- Site Entrances
- Proposed Met Mast
- Watercourse Crossings
- Proposed Borrow Pits
- Proposed Temporary Construction Compound
- Proposed On-Site Substation
- BH location
- House Locations

UGC

- Inchamore Grid Connection Route
- HDD Crossings

Delivery

- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route
- Redline-250 Haul Road - 256-Polyline
- Turbine Delivery Route

Hydrology

- WFD_River/WaterbodiesActive
- A1&A2_Existing Drainage

Catchments

- WFD_Catchments
- WFD_Subcatchments

Hydrogeology

- Recorded Wells (GSI)

Designations

- S.A.C
- S.P.A

Project ID: 604162 Inchamore Wind Farm
Projection: ITM
Drawn by: Sven K.
Reviewed by: Sven K.
Version: 13/04/2023

References/Sources:
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 Geological Services Ireland (GSI)
 Bing Aerial / Geohive / Open Street Map / Google Roads
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 Phase 1 (230m Grid Feet Depth) - GreenSource
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Scale: 0 1.08 2.16 km



6 JUN 2023 6:46

PLANNING & DEVELOPMENT SECTION

TT1 TT5
 TT2 TT4



Inchamore Wind Farm
 Inchamore, Co. Cork / Co. Kerry

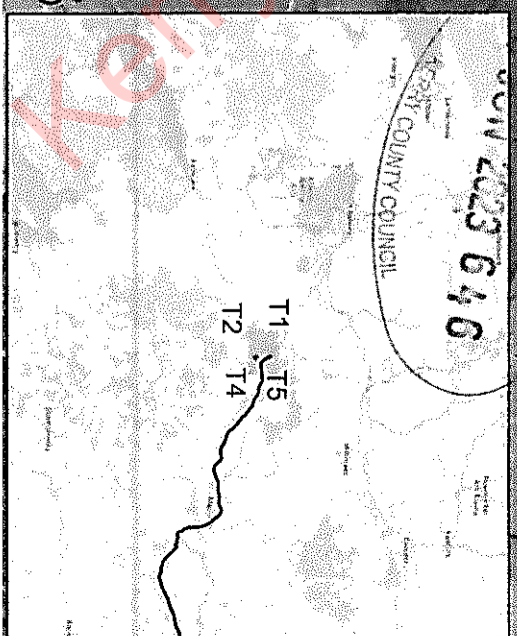
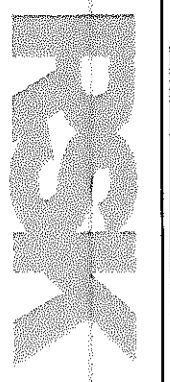
Figure 9.12 (a) (01) SW Network and
 Water Resources Wind Farm

Development Layout	
WF	Red Line 23
	230313 Site Layout
	Turbine Locations
	Site Entrances
	Proposed Met Mast
	Watercourse Crossings
	Proposed Borrow Pits
	Borrow Pit
	Proposed Temporary Construction Compound
	Proposed On-Site Substation
	House Locations
UGC	
	Inchamore Grid Connection Route
	HDD Crossings
Delivery	
	Redline-250 Haul Road - 256-Polyline
	Turbine Delivery Route
	Redline-250 Haul Road - 256-Polyline
	Turbine Delivery Route
Hydrology	
	WFD_RiverWaterbodiesActive_Cycles3
	A1&A2_Existing Drainage
	Drinking Water - Rivers - Latest Cycle
	Drinking Water - Rivers
Catchments	
	WFD_Catchments
	WFD_Subcatchments
Hydrogeology	
	Wells
	Recorded Wells (GSI)
	GSI Source Protection Areas
NFGWS Group Scheme Zone of Contribution	
Perce Maps	
	Perce Aerial
OpenStreetMap	

Project ID: 604162 Inchamore Wind Farm
 Projection: TM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 21/09/2022

Reference Sources:
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 Bing Aerial / Geohive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (250m Grid Heat Depth - Greensource
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Scale: 0 0.27 0.54 km



Inchamore Wind Farm
 Inchamore, Co. Cork / Co. Kerry

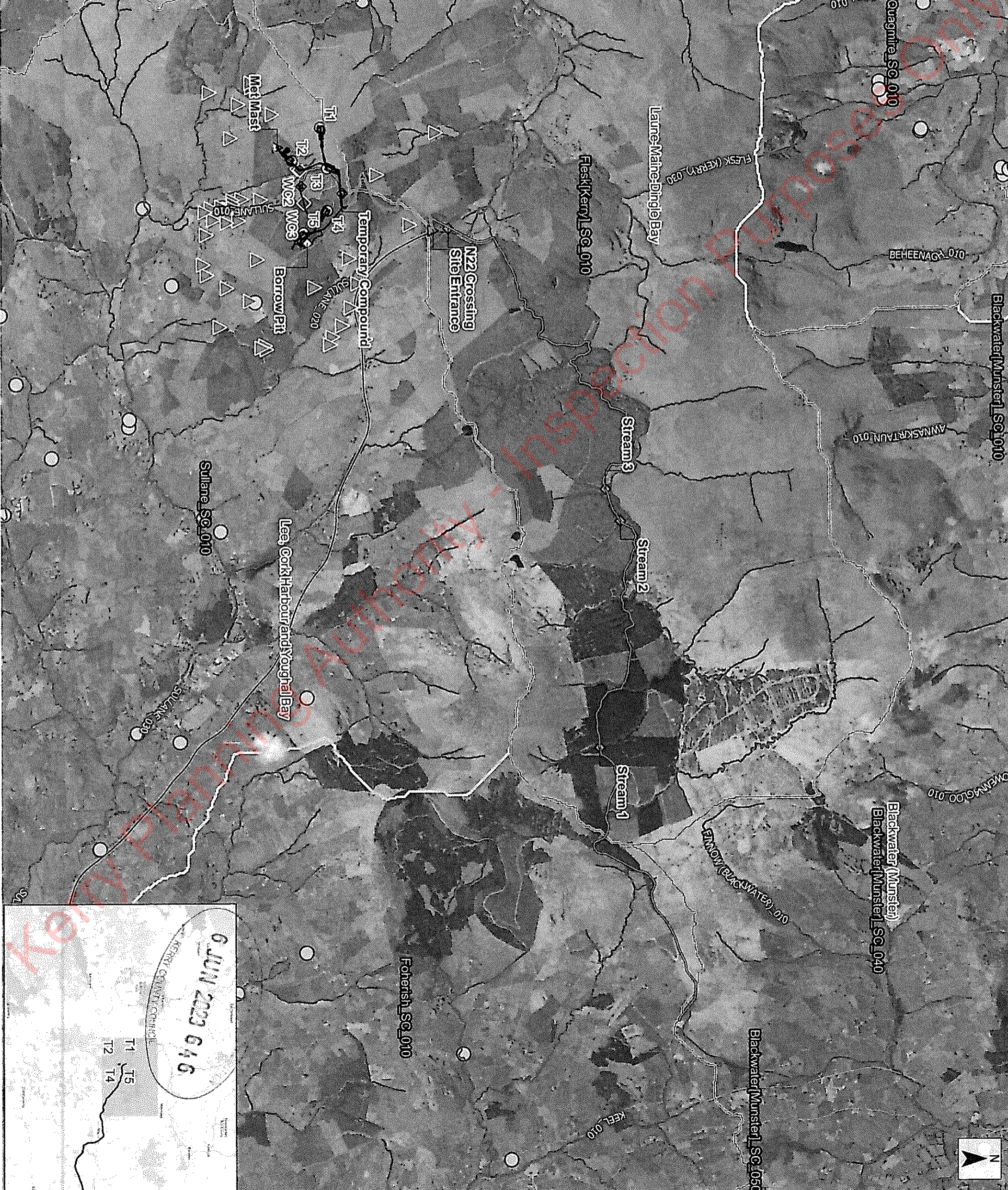
Figure 9.12 (b) (01) SW Network and
 Water Resources GCR

- Development Layout
- WF
 - Red Line 23
 - 230313 Site Layout
 - Turbine Locations
 - Site Entrances
 - Proposed Met Mast
 - Watercourse Crossings
 - Proposed Borrow Pits
 - Borrow Pit
 - Proposed Temporary Construction Compound
 - Proposed On-Site Substation
 - House Locations
- UGC
 - Inchamore Grid Connection Route
 - HDD Crossings
- Delivery
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
- Hydrology
 - WFD_RiverWaterbodiesActive_Cycles3
 - A18A2_Existing Drainage
 - Drinking Water - Rivers - Latest Cycle
 - Drinking Water - Rivers
- Catchments
 - WFD_Catchments
 - WFD_Subcatchments
- Hydrogeology
- Wells
 - Recorded Wells (GSI)
 - GSI Source Protection Areas
- NFGWS Group Scheme Zone of Contribution
- Proposed Maps
 - OpenStreetMap

Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 21/09/2022

References:
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 Geological Services Ireland (GSI)
 Bing Aerial / Geotlive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (250m Grid Peat Depth - GreenSource)
 Note: Data points generated are georeferenced using open source data and/or a
 handheld GPS. This drawing / map is considered a conceptual model with
 reasonable accuracy for the purposes of environmental assessment. This drawing
 should not be relied upon for detailed design purposes.

Scale: 0 1.08 2.16 km



6 JUN 2023 6:46

KERRY COUNTY COUNCIL

T1 T5
T2 T4

2nd	Development Layout
WF	Red Line 23
○	230313 Site Layout
○	Turbine Locations
△	Site Entrances
△	Proposed Met Mast
△	Watercourse Crossings
◇	Proposed Borrow Pits
◇	Borrow Pit
◇	Proposed Temporary Construction Compound
◇	Proposed On-Site Substation
△	House Locations
UGC	Inchamore Grid Connection Route
◇	HDD Crossings
Delivery	Redline-250 Haul Road - 256-Polyline
—	Turbine Delivery Route
—	Redline-250 Haul Road - 256-Polyline
—	Turbine Delivery Route
ology	WFD_RiverWaterbodiesActive_Cycles3
—	A18A2_Existing Drainage
—	25m SW Buffer
—	50m SW Buffer
—	15m Existing Significant Drain Buffer
Catchments	WFD_Subcatchments
—	WFD_Catchments
Hydrogeology	Wells
○	Recorded Wells (GS1)
Geology	Landslidesusceptibility_clipped
—	High
Base Maps	Bing Aerial



Project ID: 604162 Inchamore Wind Farm
 Projection: ITM
 Drawn by: Sven K.
 Reviewed by: Sven K.
 Version: 21/09/2022

References/Sources:
 Environmental Protection Agency (EPA)
 Geological Services Ireland (GSI)
 Bing Aerial / Geohive / Open Street Map / Google Roads
 GDEM Elevation Contours
 Phase 1 (250m Grid Heat Depth - GreenSource)

Note: Data points presented are generated using open source data and/or a handheld GPS. This drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

Scale: 0 0.27 0.54 km

BSK

0 JUN 2023 046

ASFRK COUNTY COUNCIL

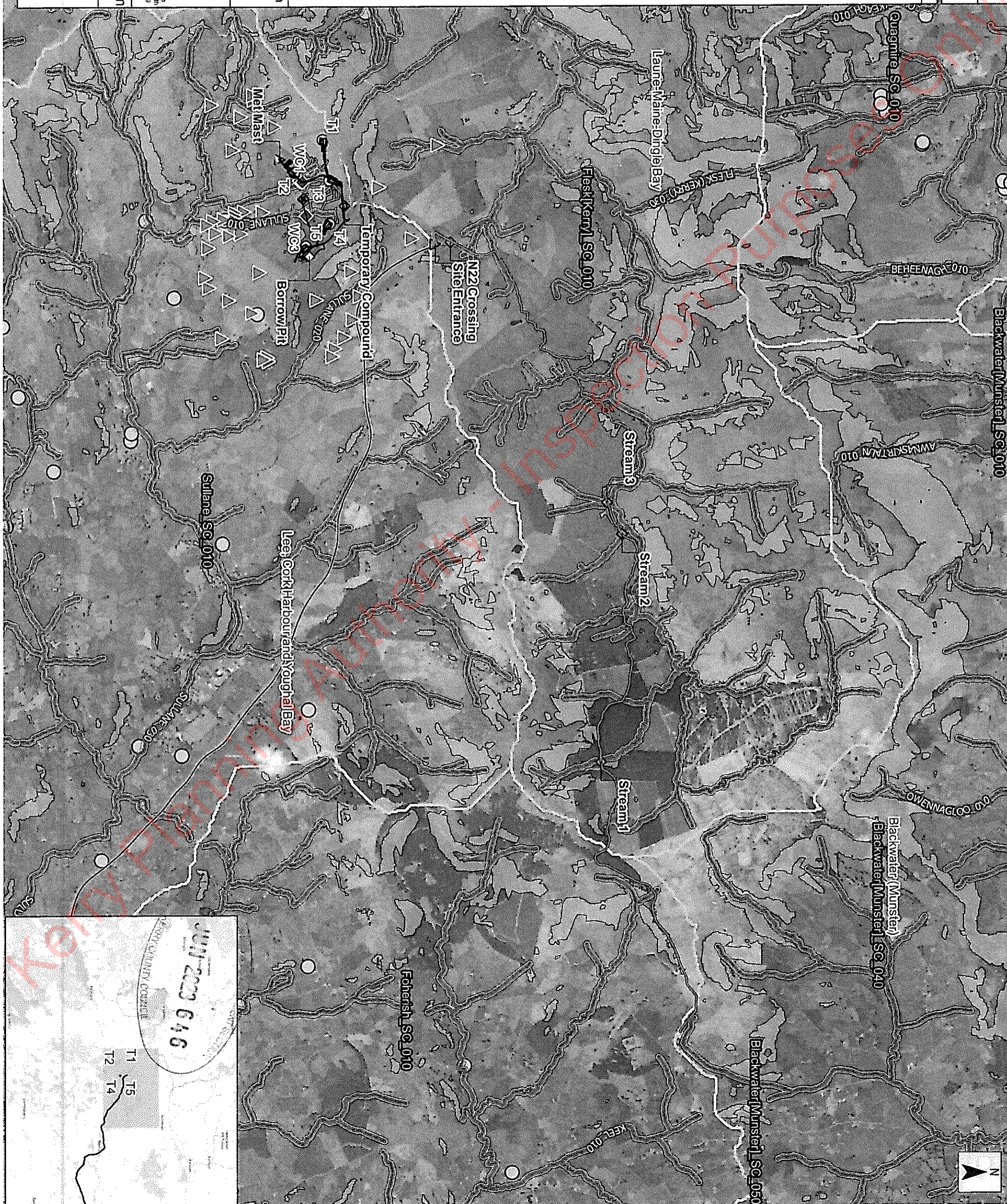
T1 T5
T2 T4

Inchamore Wind Farm

Inchamore, Co. Cork / Co. Kerry

Figure 9.13 (b) (01) Constraints Map Grid Connection Route

- Development Layout
- WF
 - Red Line 23
 - 230313 Site Layout
 - Turbine Locations
 - Site Entrances
 - Proposed Met Mast
 - Watercourse Crossings
 - Proposed Borrow Pits
 - Borrow Pit
 - Proposed Temporary Construction Compound
 - Proposed On-Site Substation
 - House Locations
- UGC
 - Inchamore Grid Connection Route
 - HDD Crossings
- Delivery
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
 - Redline-250 Haul Road - 256-Polyline
 - Turbine Delivery Route
- Hydrology
 - WFD_RiverWaterbodiesActive_Cycles3
 - A18A2_Existing Drainage
 - 25m SW Buffer
 - 50m SW Buffer
 - 15m Existing Significant Drain Buffer
- Catchments
 - WFD_Subcatchments
 - WFD_Catchments
- Hydrogeology
 - Recorded Wells (GS1)
- Wells
- Geology
 - LandslideSusceptibility_clipped
 - High
- Base Maps
 - Bing Aerial



Project ID: 604162 Inchamore Wind Farm
Projection: ITM
Drawn by: Sven K.
Reviewed by: Sven K.
Version: 21/09/2022

References/Sources:
Environmental Protection Agency (EPA)
Geological Services Ireland (GSI)
Bing Aerial / Geohive / Open Street Map / Google Roads
GDEM Elevation Contours
Phase 1 (250m Grid Post Depth) - Greensource

Note: Data points presented are georeferenced using open source data and/or a handheld GPS. This drawing / map is considered a conceptual model with reasonable accuracy for the purposes of environmental assessment. This drawing should not be relied upon for detailed design purposes.

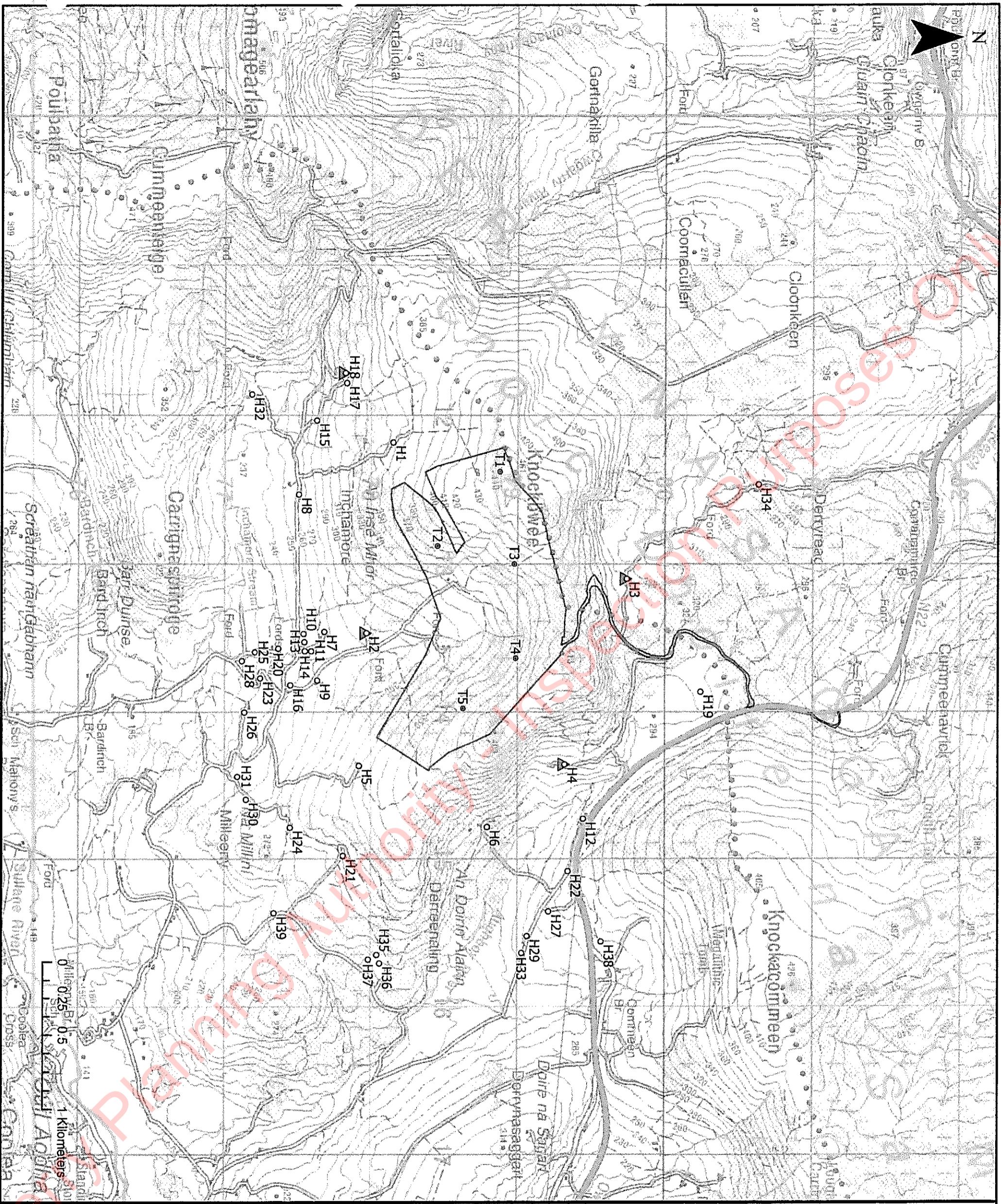
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WIND 2023 646

LEARY COUNTY COUNCIL

T1 T5
T2 T4




PLANNING & DEVELOPMENT SECTION
 6 JUN 2023 646
 KERRY COUNTY COUNCIL

- Legend**
- Turbine Locations
 - House Locations
 - ▲ Noise Monitoring Locations
 - Site Boundary

Rev	Date	By	Comment

Client
Inchamore Wind DAC

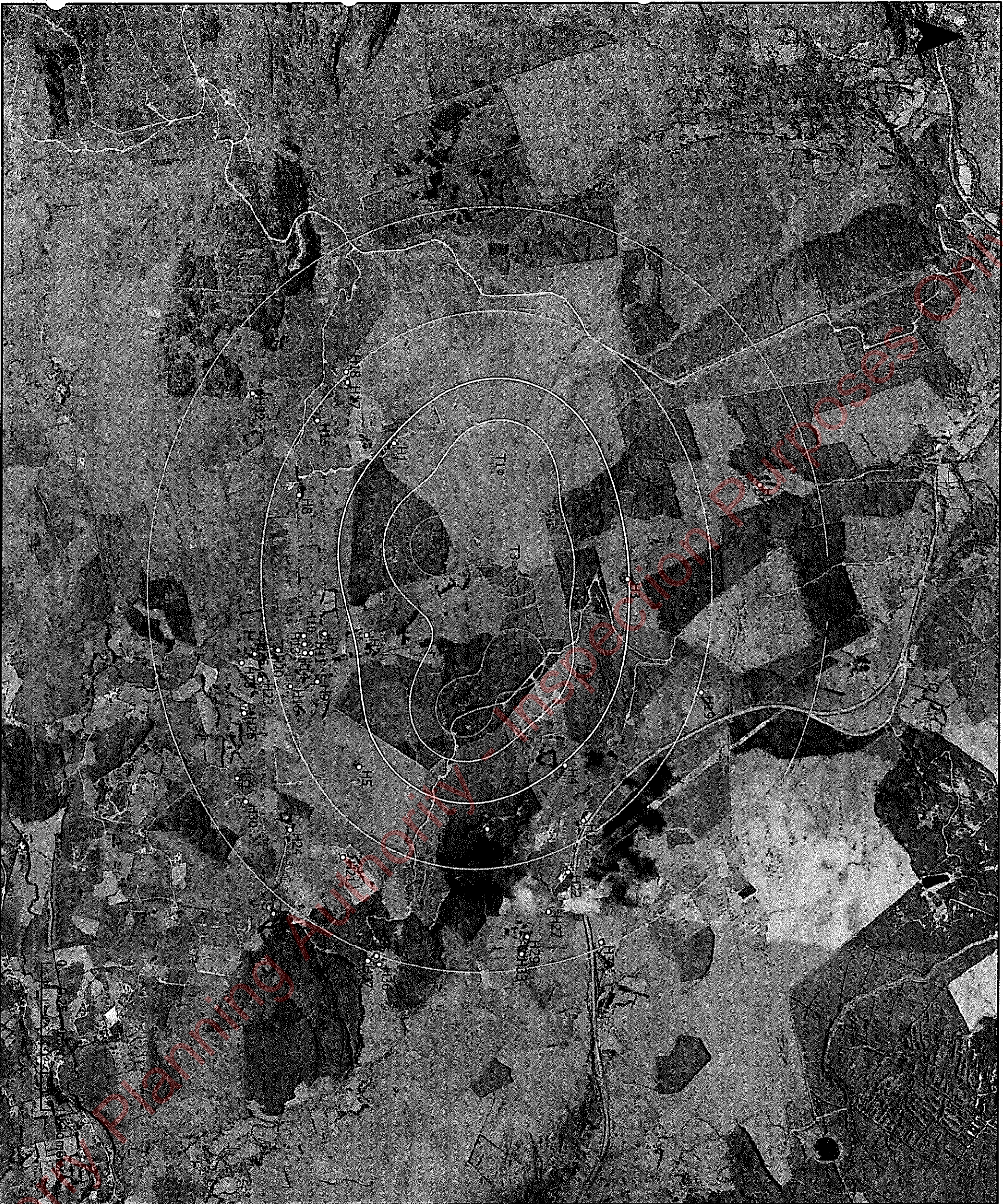
Client Representative

JENNINGS O'DONOVAN
 CONSULTING ENGINEERS

Project
Proposed Wind Farm
at Inchamore, Coodlea,
Co. Cork.

Title
Noise Monitoring Locations

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 CVAL50013915

Drq. By	SB	Drq No	-
Checked By	SM	Rev	1
Stage	EIAR	Date	03/04/23
Scale	1:25,000 (A3)	Figure	11.1




- Legend**
- Turbine Locations
 - House Locations
 - ISOVALUE_30
 - ISOVALUE_35
 - ISOVALUE_40
 - ISOVALUE_45
 - ISOVALUE_50

PLANNING & DEVELOPMENT SERVICE
 6 JUN 2023 6 46
 KERRY COUNTY COUNCIL

Rev	Date	By	Comment

Client
 Inchamore Wind DAC

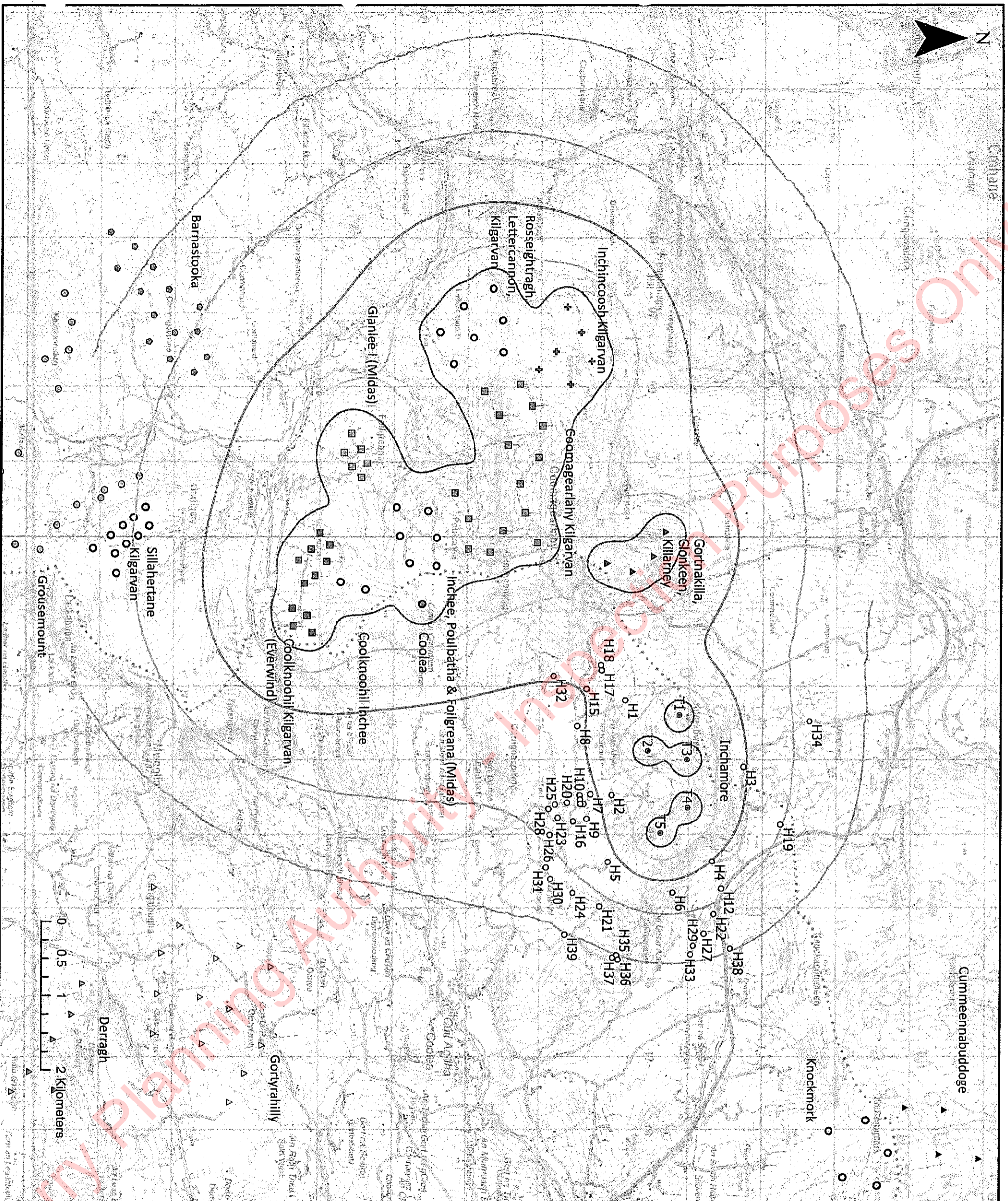
Client Representative

 JENNINGS O'DONOVAN
 CONSULTING ENGINEERS

Project
 Proposed Wind Farm
 at Inchamore, Coollea,
 Co. Cork.

Title
 Noise Contours

CYAL50313815
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Dwg. By	SB	Dwg No	-
Checked By	SM	Rev	1
Stage	EIAR	Date	03/04/23
Scale	1:25,000 (A3)	Figure	11.2




- Legend**
- Turbine Locations
 - Site Boundary
 - ISOVALUE_30
 - ISOVALUE_35
 - ISOVALUE_40
 - ISOVALUE_45
 - ISOVALUE_50
 - House Locations

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 KERRY COUNTY COUNCIL

Rev	Date	By	Comment

Client
Inchamore Wind DAC

Client Representative

JENNINGS O'DONOVAN
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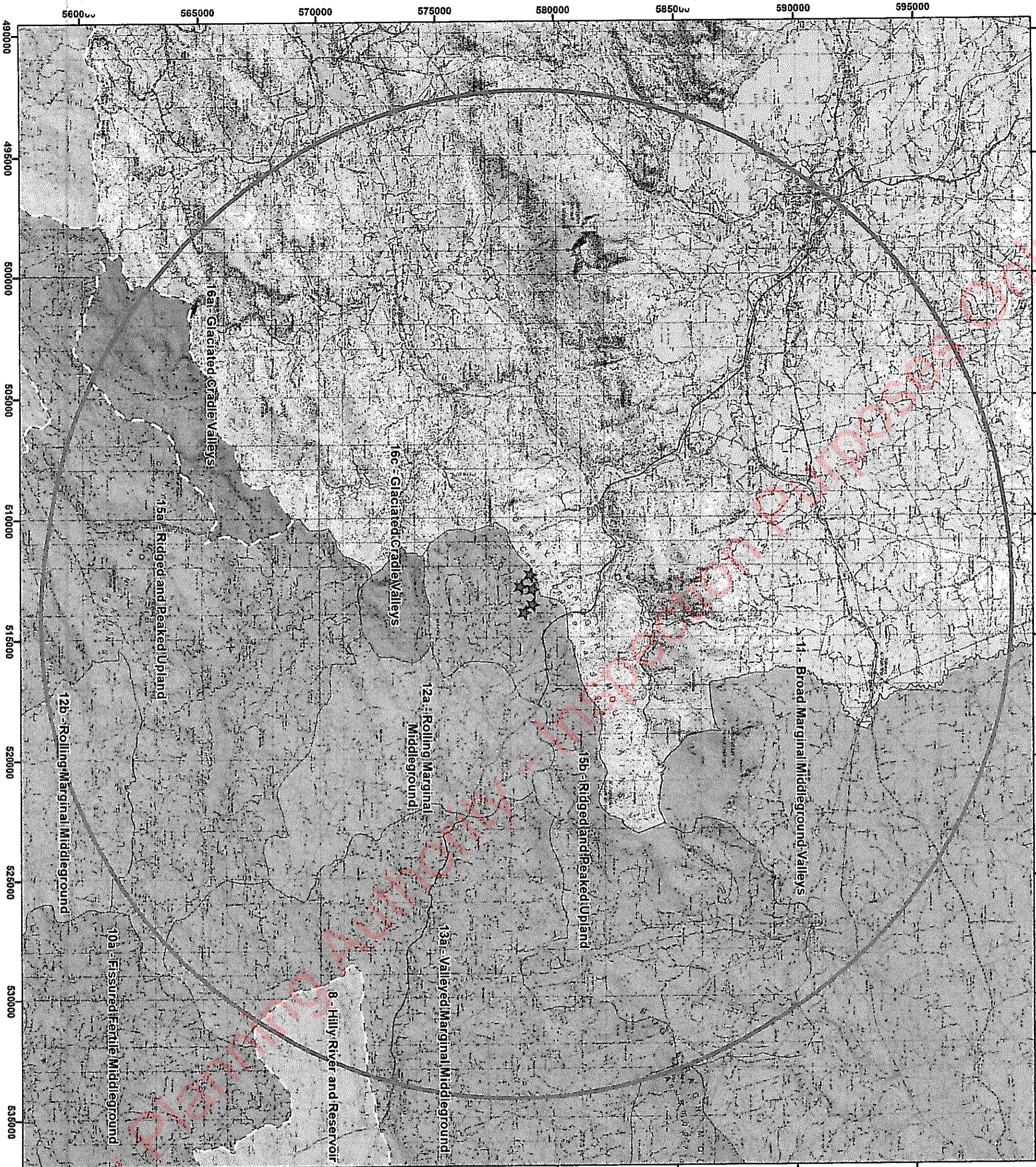
Project
Proposed Wind Farm
at Inchamore, Coolea,
Co. Cork.

Title
Cumulative Noise Contours

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Drg. By	SB	Drg No	-
Checked By	SM	Rev	1
Stage	EIAR	Date	03/04/23
Scale	1:50,000 (A3)	Figure	11.3

Figure 12.1 Landscape Character Types - Cork County Development Plan



★ Proposed Inchamore Turbines

High Value Landscape

20km Extent



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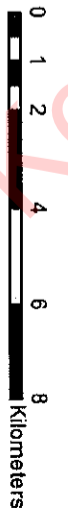
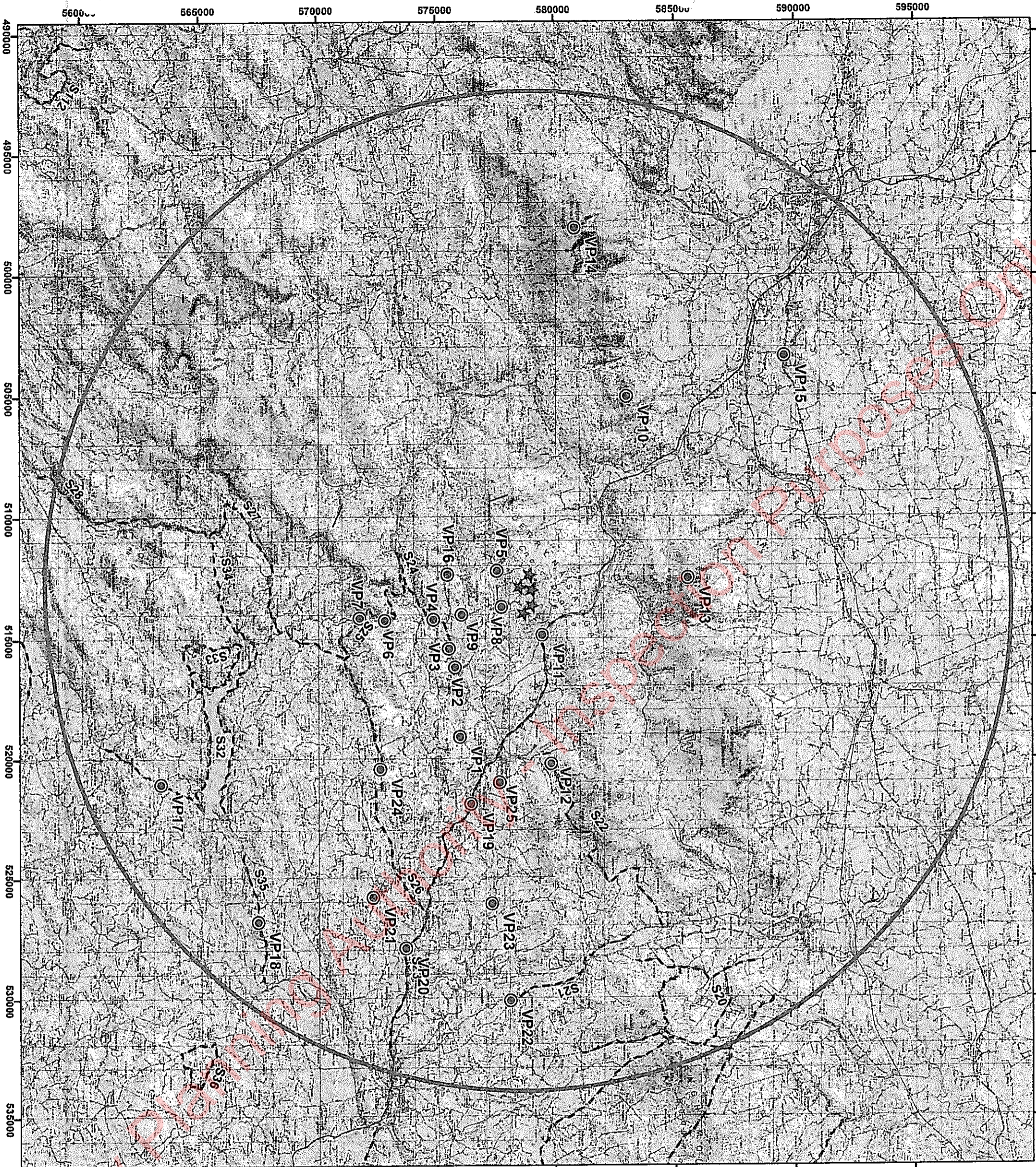


Figure 12.2 Relevant Designated Scenic Routes - Cork and Kerry CDPs including selected VPs



Proposed Inchamore Turbines

Selected Viewpoints

Scenic Routes

Cork CDP

Kerry CDP

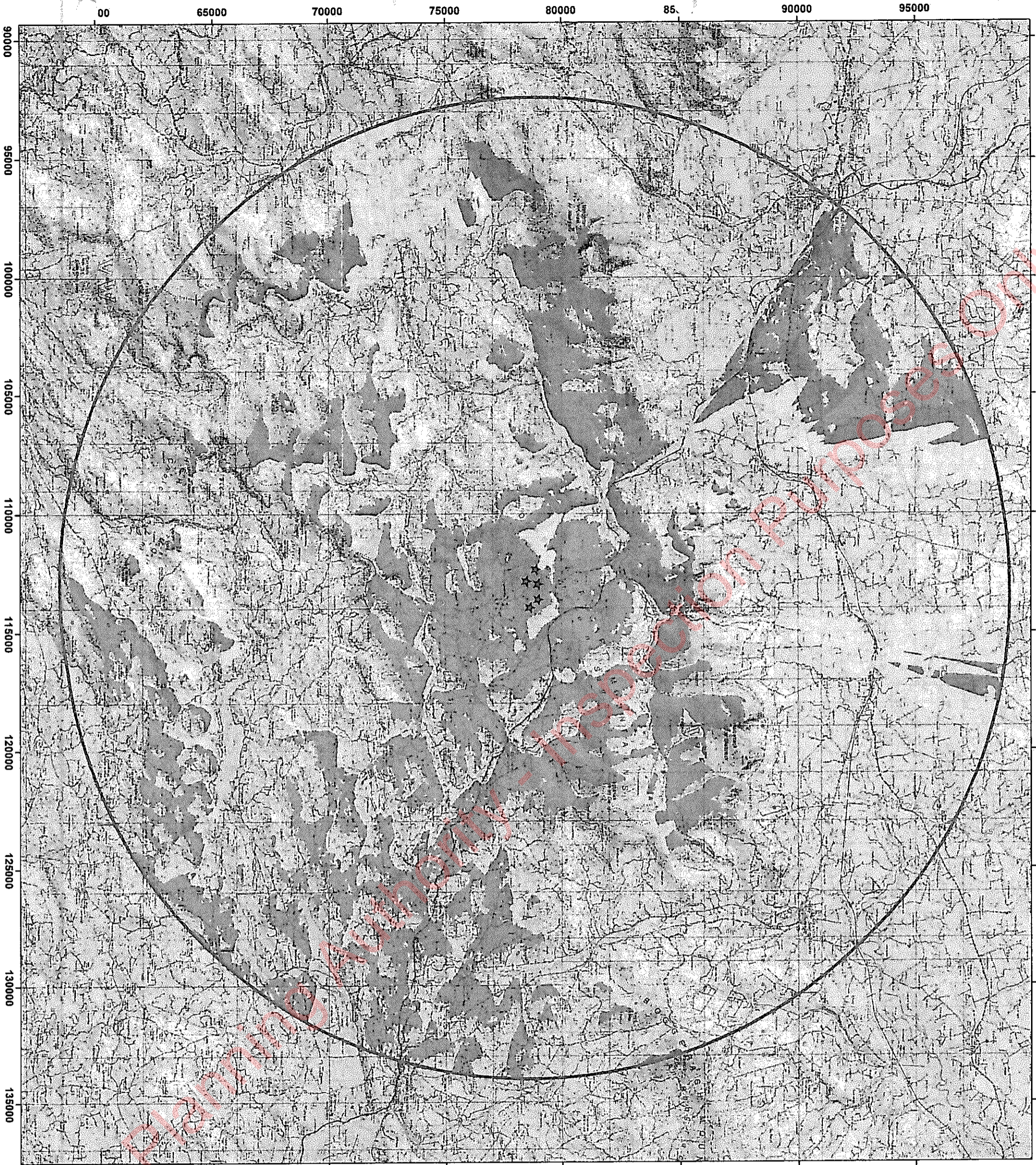
20km Extent

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0 1 2 4 6 8 Kilometers



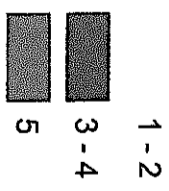
Figure 12.3 ZTV (Zone of Theoretical Visibility) indicating the areas that have a potential view of Inchamore Wind Farm turbines at 185m Tip Height



Proposed Inchamore Turbines



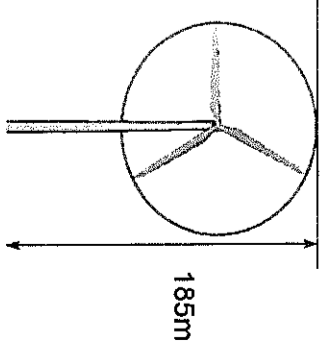
No. Turbines Visible



20km Extent



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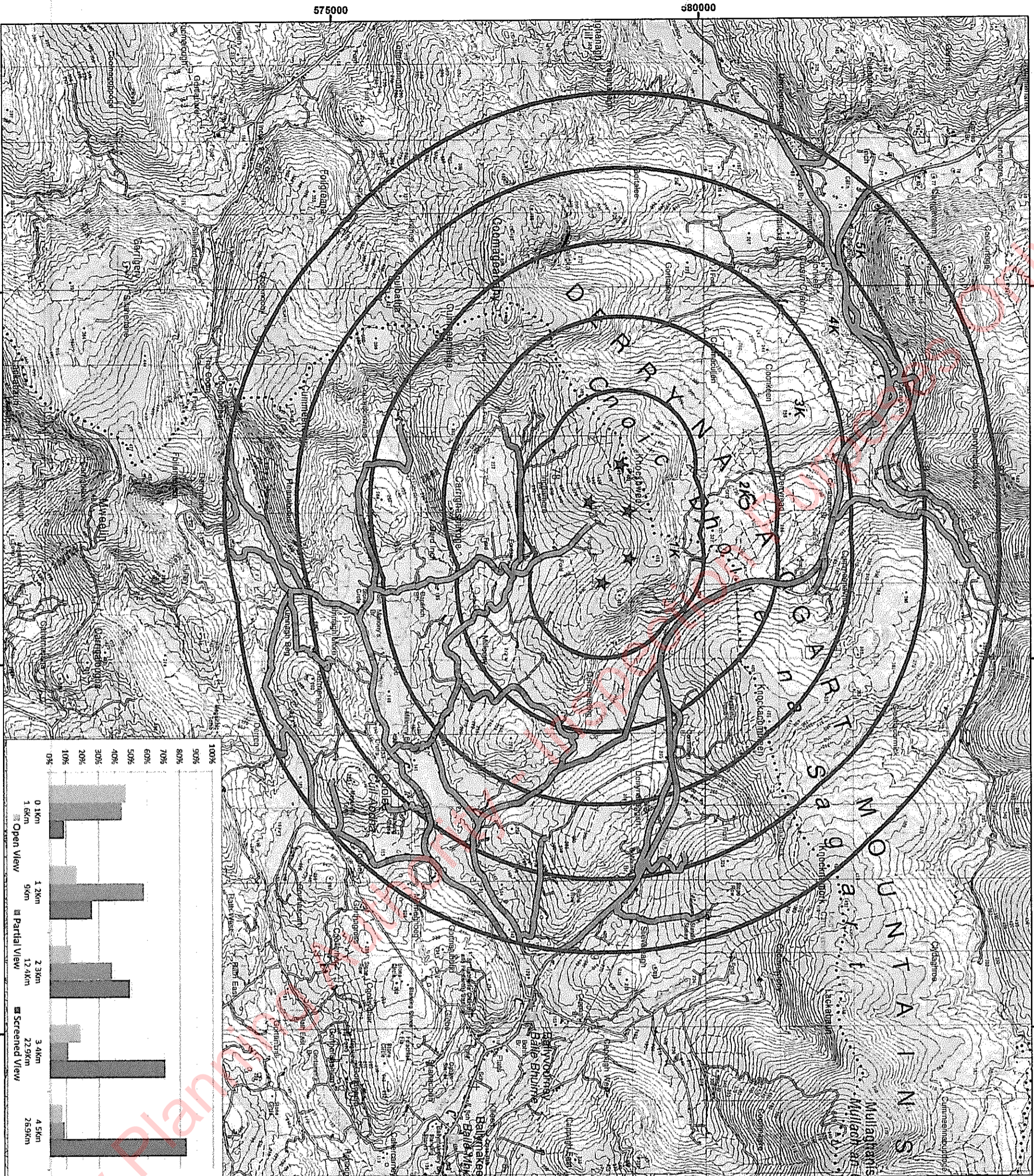
This ZTV map has been calculated such that a turbine as been theoretically visible to observers in the surrounding landscape once there is an unobstructed line of sight to its blade tips.

Observer Height assumed: 1.7m to eye-level height
 Tip Height: 185m

Note: This ZTV map is calculated for landform screening only and does not take account of the significant screening effects of vegetation (hedgerows, trees) and buildings inherent across the study area.



Figure 12.4 Route Screening Assessment (RSA)

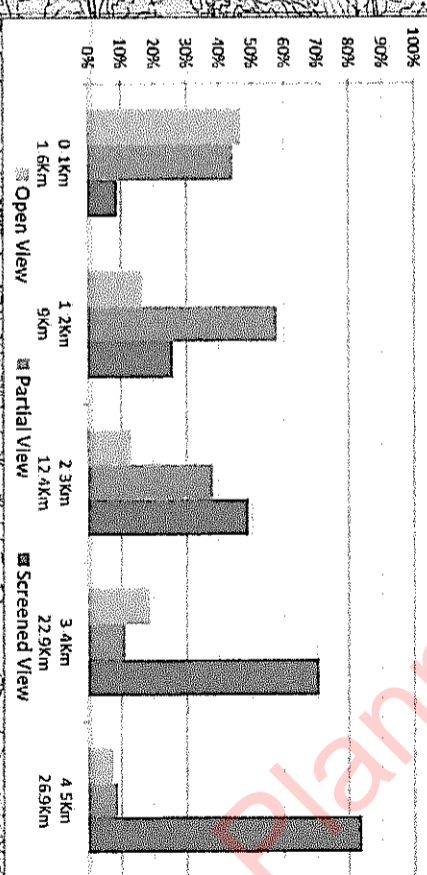


★ Proposed Inchamore Turbines

Road Classifications

- ▬ Screened View
- ▬ Partial View
- ▬ Open View

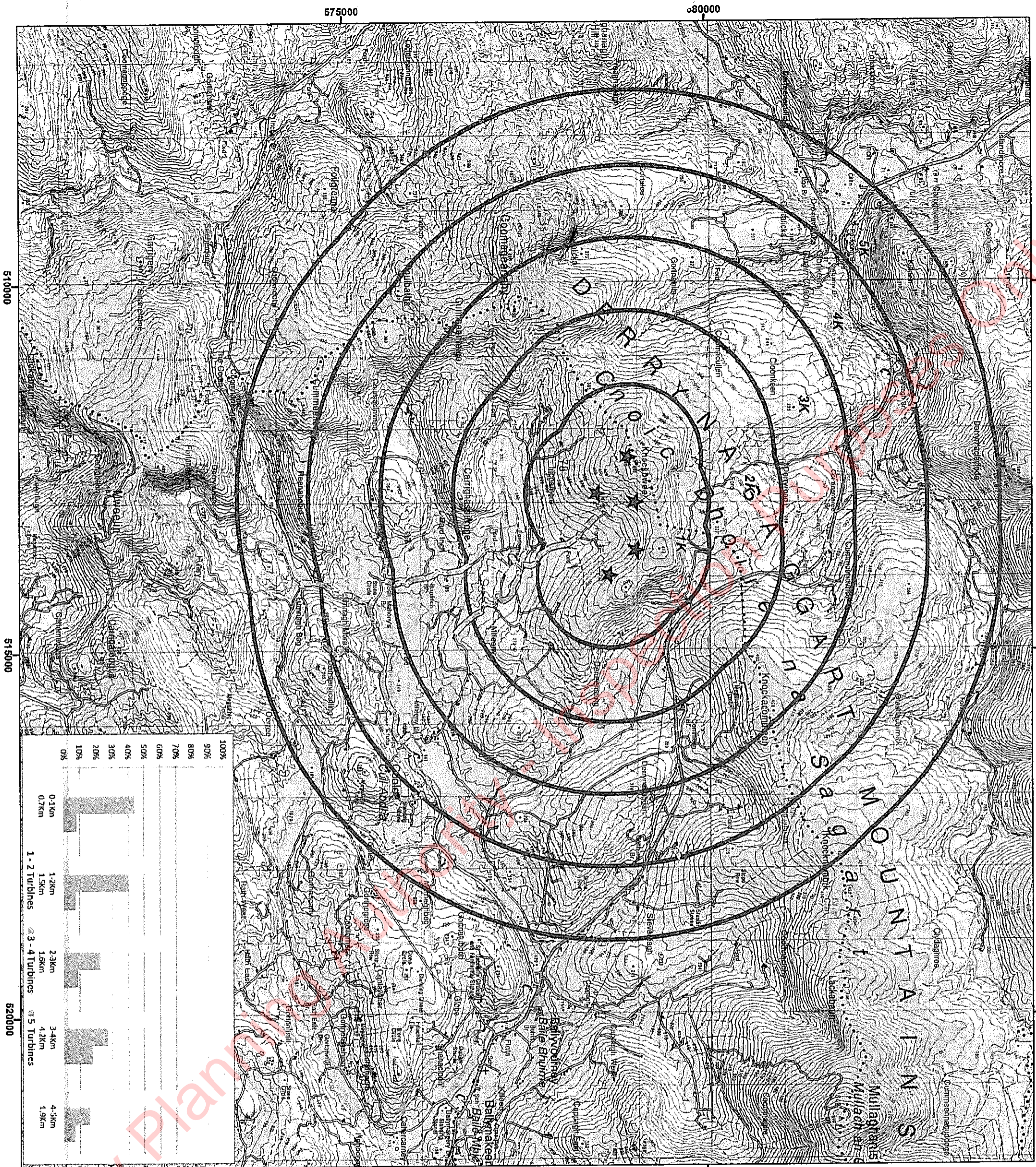
Distance Bands (1-5km)



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Figure 12.5 RSA "Open View" Refinement Map

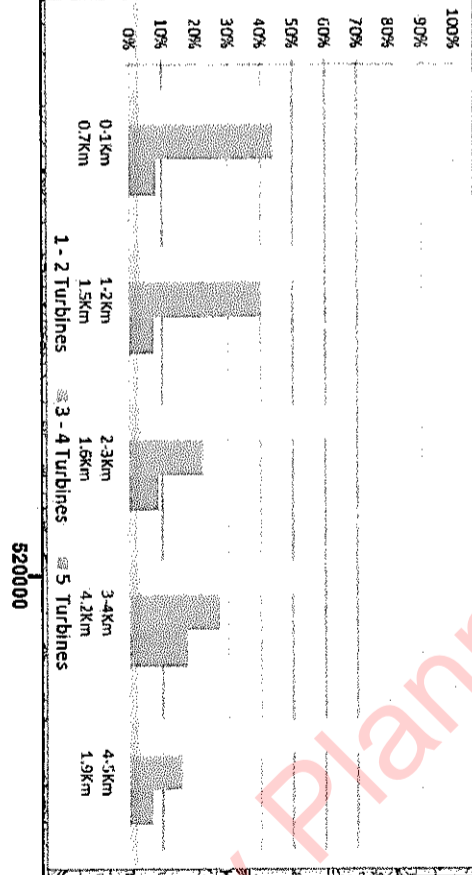


★ Proposed Inchamore Turbines

Road Classifications

- ≡ 1 - 2 Turbines Visible
- ≡≡ 3 - 4 Turbines Visible
- ≡≡≡ 5 Turbines Visible

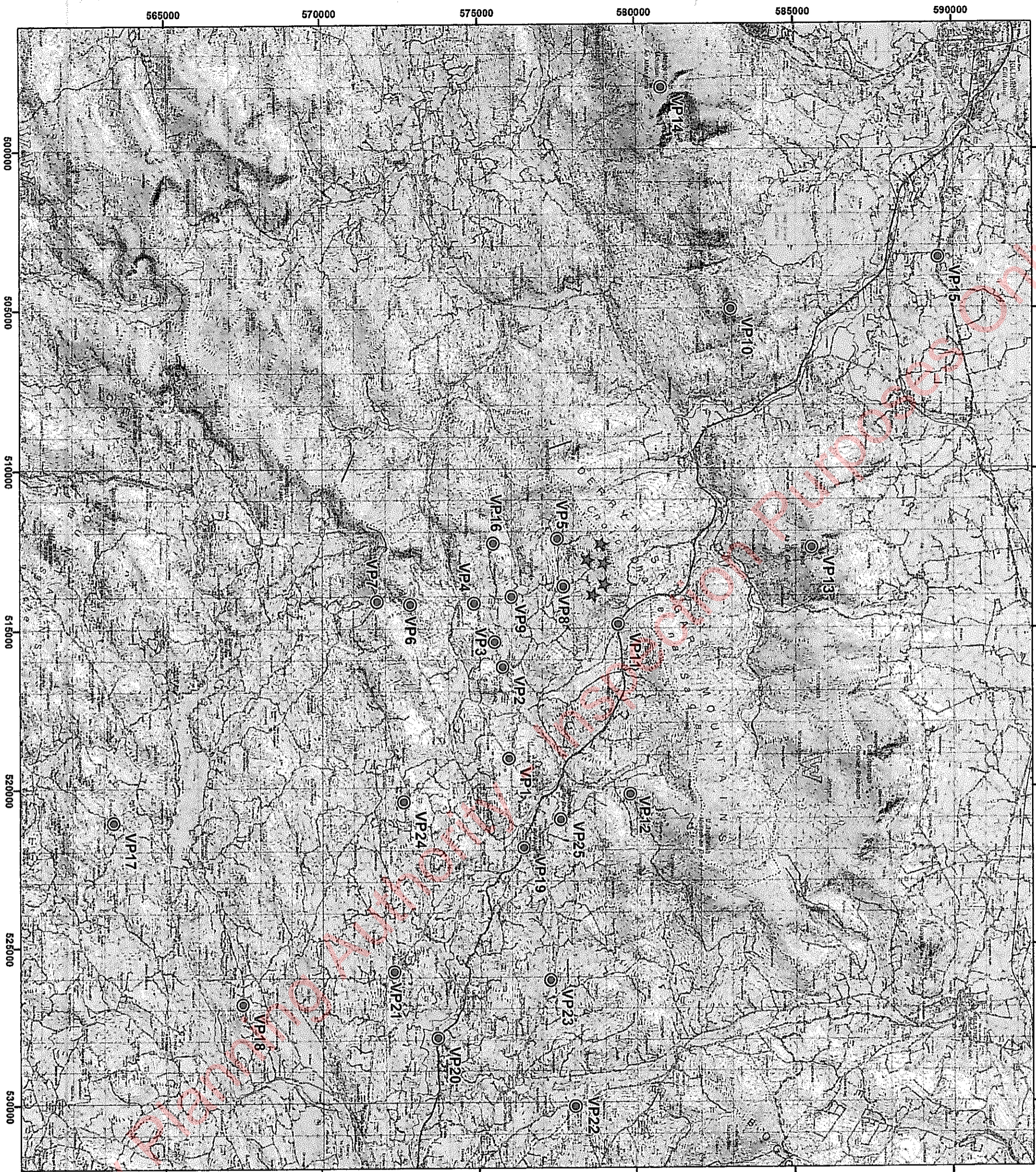
Distance Bands (1-5km)



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Figure 12.6 Selected Viewpoint Locations Map



Proposed Inchamore Turbines



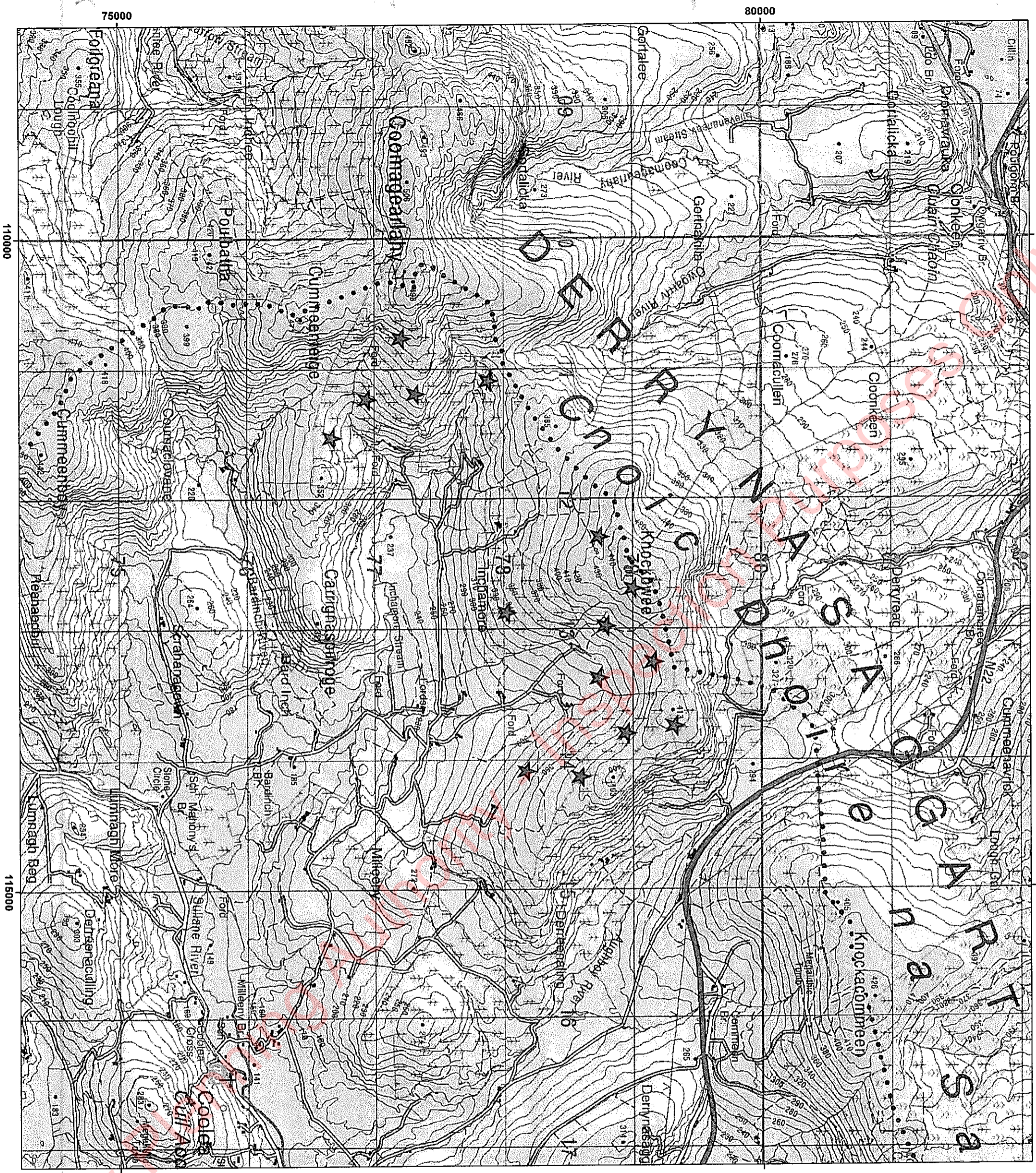
Selected Viewpoints



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Figure 12.8 Early design Inchamore Wind Farm Design Iteration



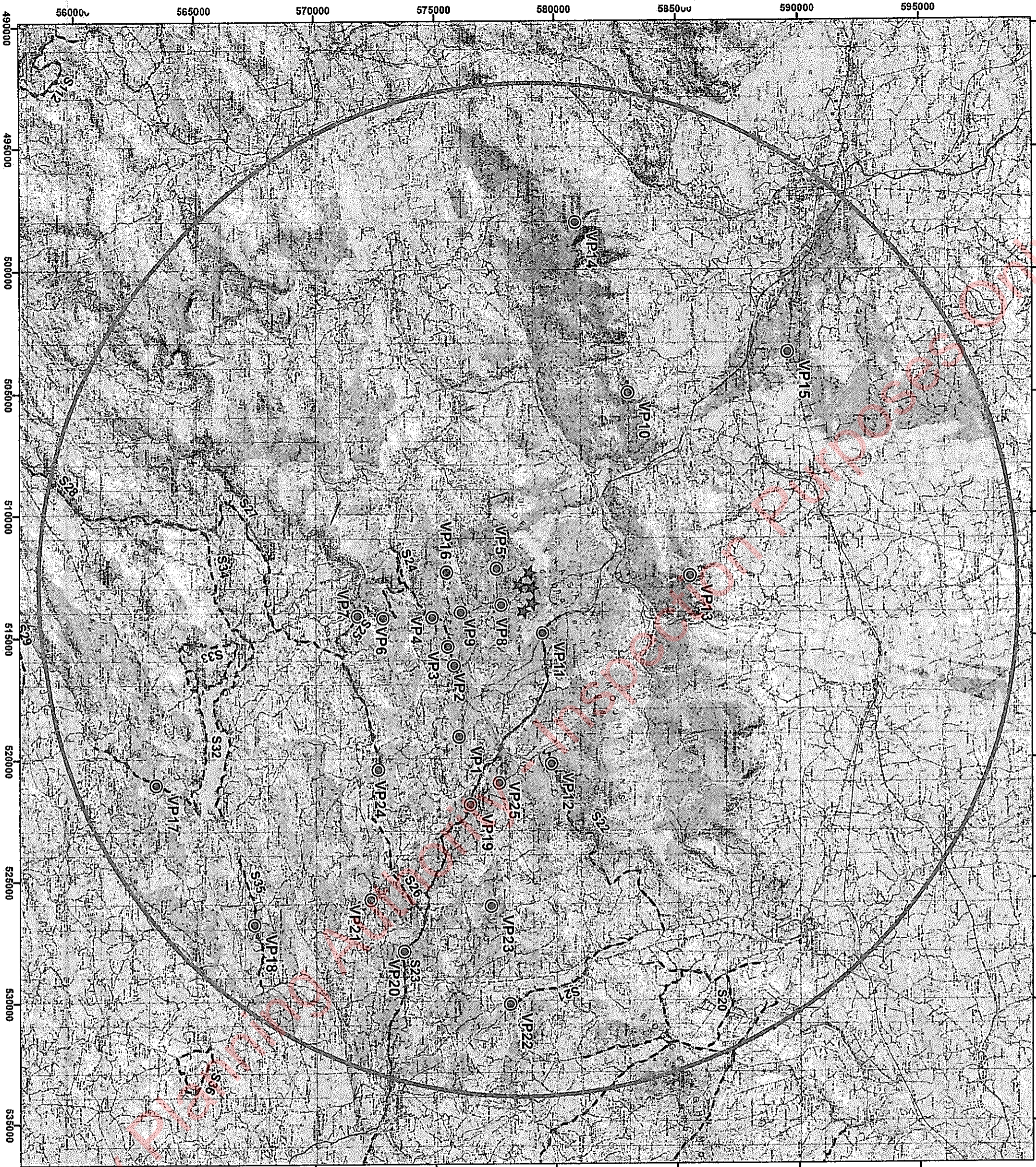
★ Early Design Iteration Turbines

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0 0.1750.35 0.7 1.05 1.4
Kilometers



Figure 12.9 Relevant Designated Scenic Routes - Cork and Kerry CDPs including ZTV and selected VPs



Proposed Inchamore Turbines

★

Selected Viewpoints

⊙

Scenic Routes

--- Cork CDP

... Kerry CDP

No. Turbines Visible

1 - 2

3 - 4

5

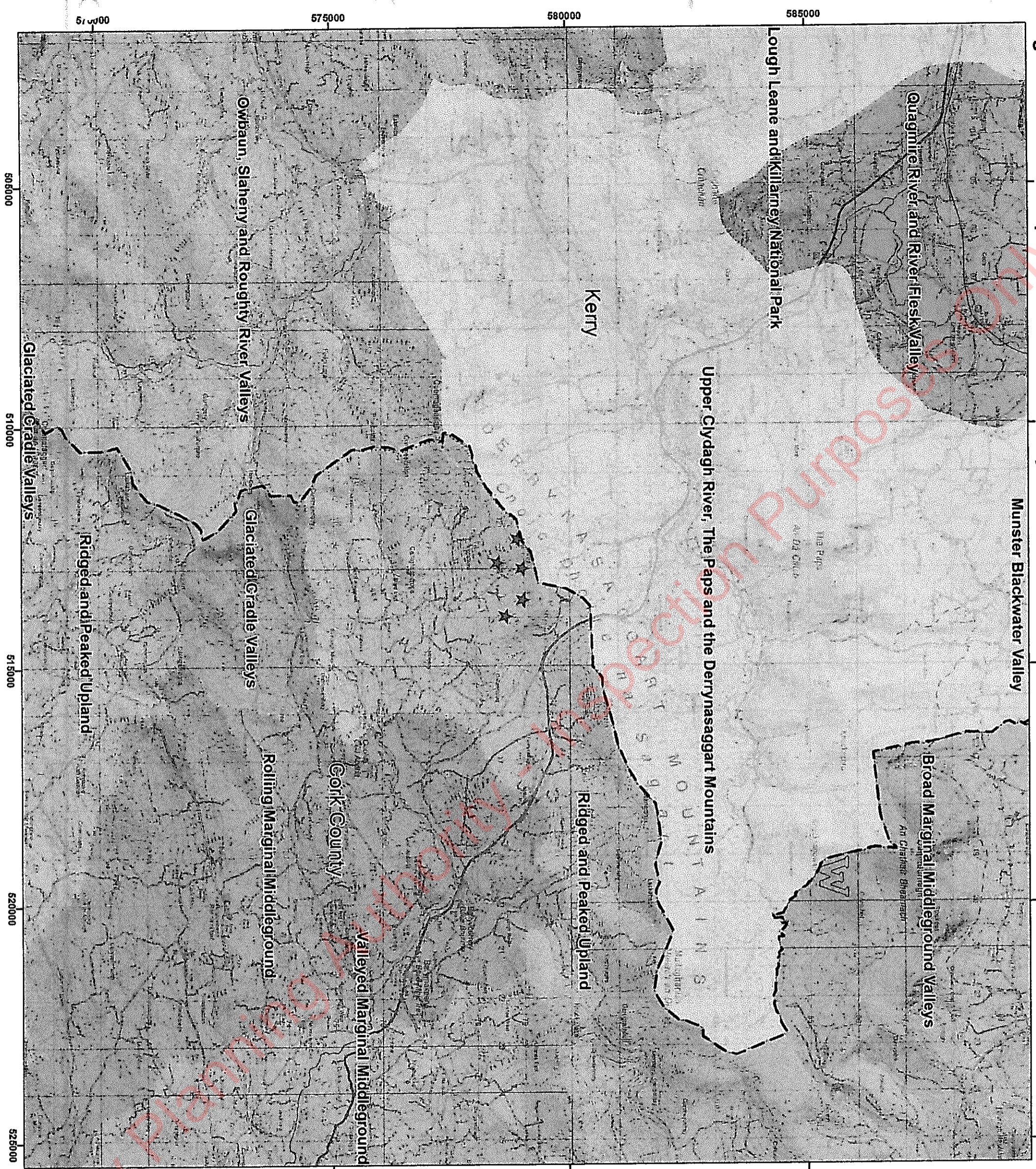
20km Extent



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Figure 12.10 Landscape Character Areas - Kerry and Cork County Development Plans

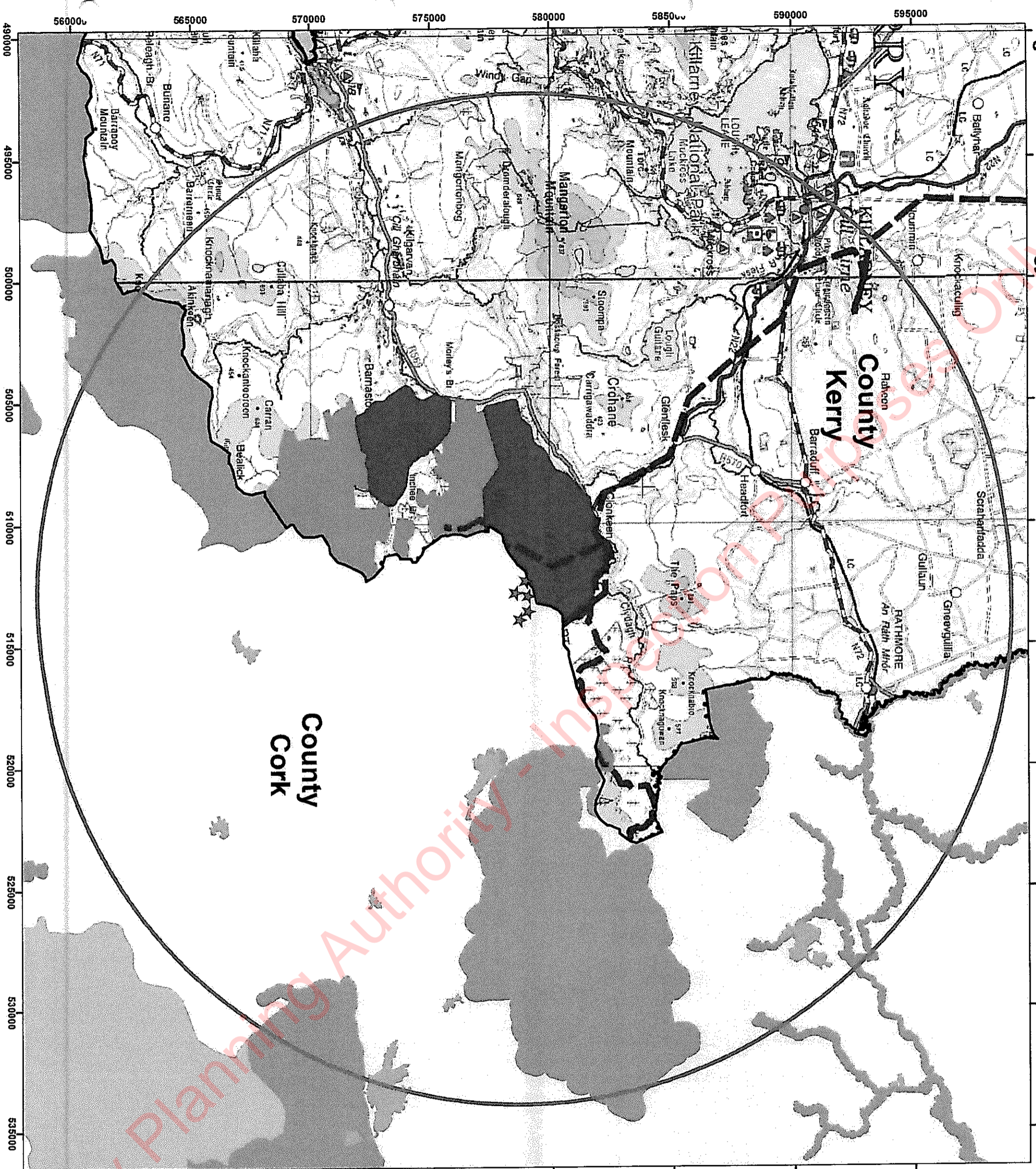


★ Proposed Inchamore Turbines

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KERRY COUNTY COUNCIL



Figure 12.11 Wind Strategy



★ Proposed Gortyrally Turbines

Wind Strategy Areas Cork CDP

- Acceptable in Principle
- Normally Discouraged
- Open to Consideration
- Urban Areas

Wind Strategy Areas Kerry CDP

- Open to Consideration
- Potential Repowering Area
- Unsuitable for Wind Development

20km Extent



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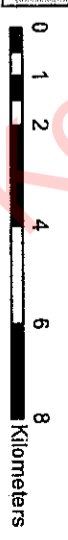
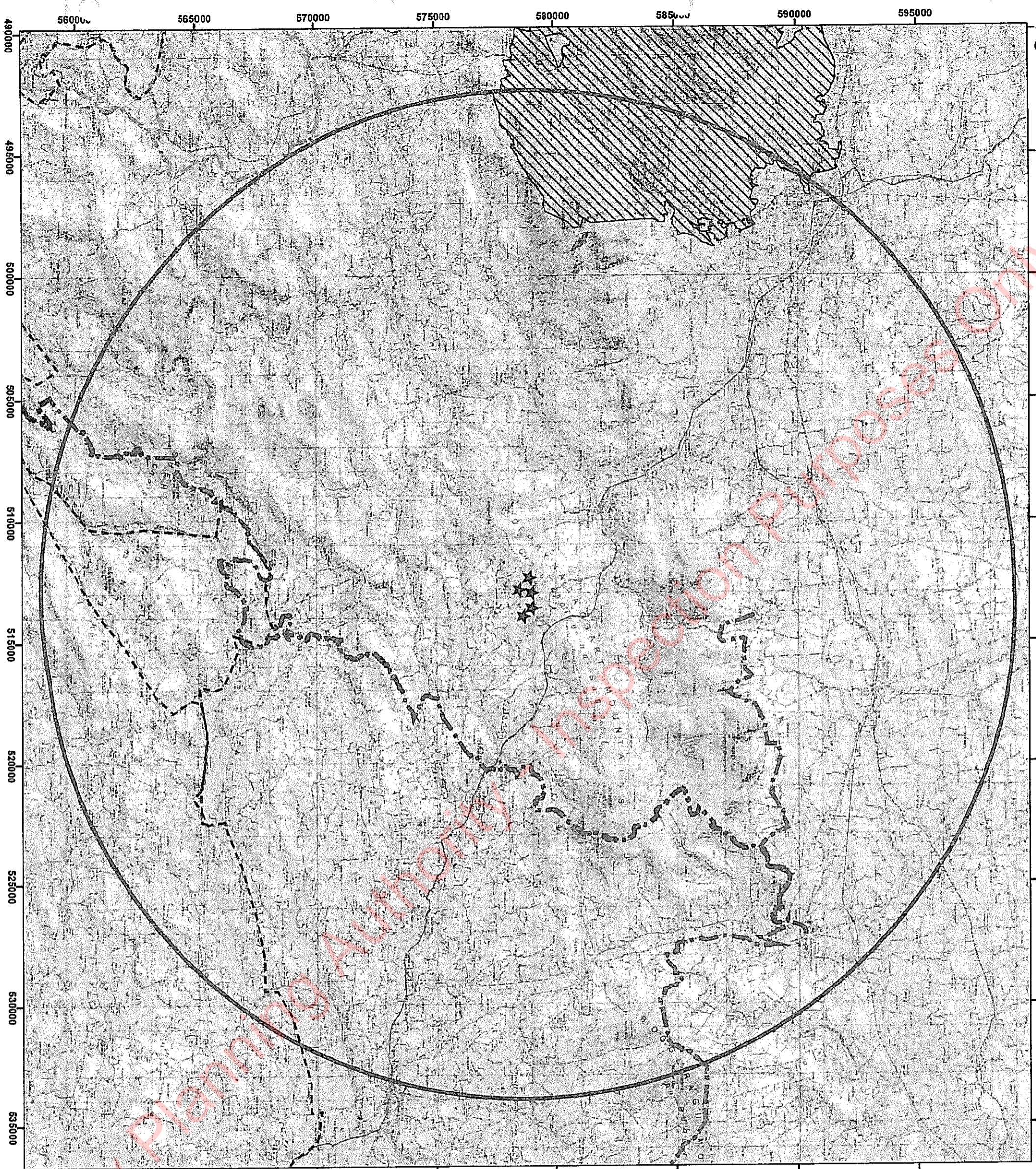


Figure 12.12 National Waymarked Ways, Cycle Routes and National Parks



★ Proposed Inchanmore Turbines

National Waymarked Ways

— Beara Way

— Blackwater Way - Duhallow Way

— Sheep's Head Way

— Sli Gaeltacht Mhuscraí

Cycle Route

— Beara Gougane Barra Cycle Route

National Parks

▨ Killarney National Park

○ 20km Extent

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0 1 2 4 6 8 Kilometers



Figure 14.1: Location of recorded archaeological sites within 1km of Site (1km Study Area indicated in yellow)

1000 m
500



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Figure 14.2: Location of Field Boundary (CO057-006) and Enclosure (CO057-007) and potential hut and upright stone in relation to nearest Development Area (T2)

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KERRY TAN

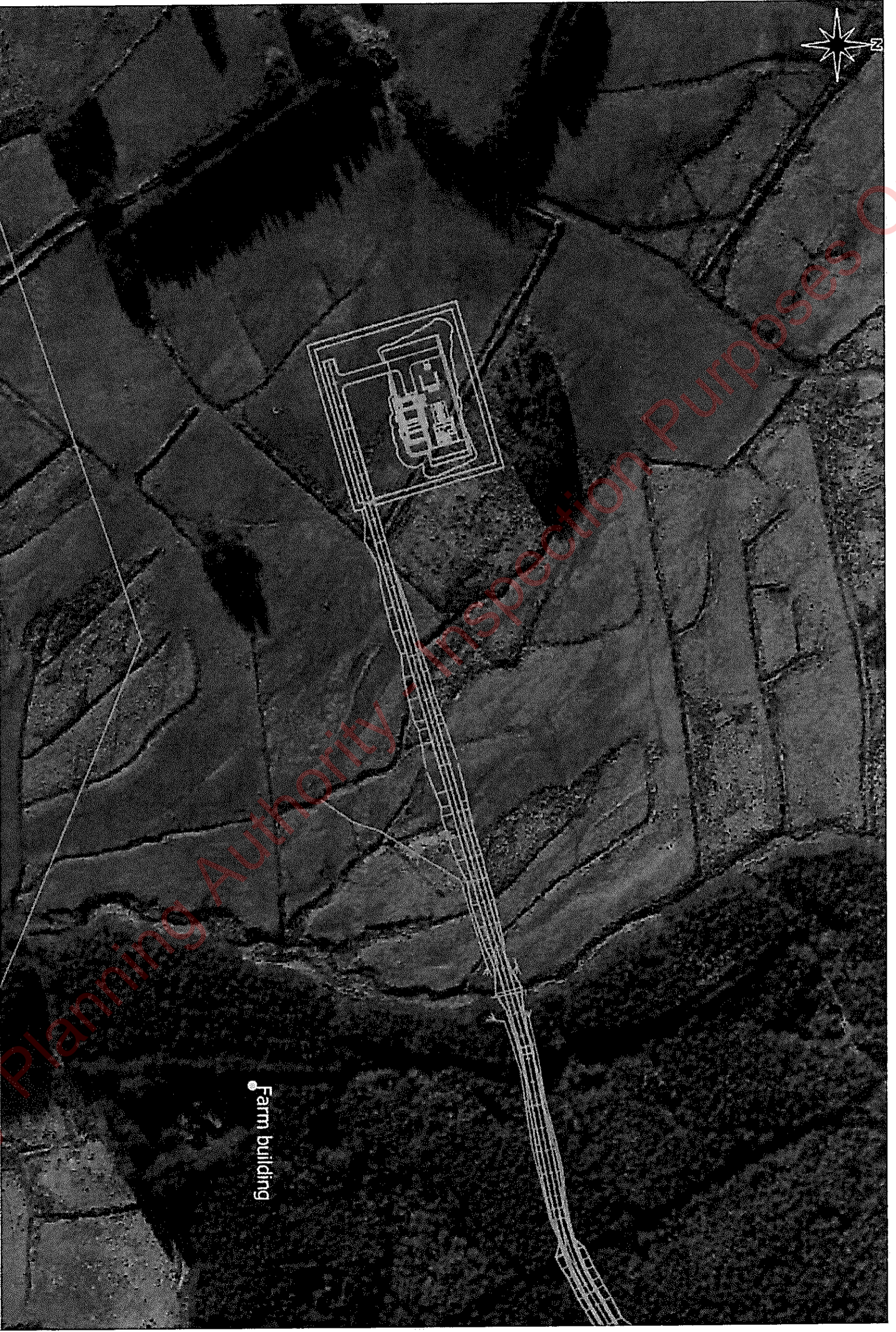
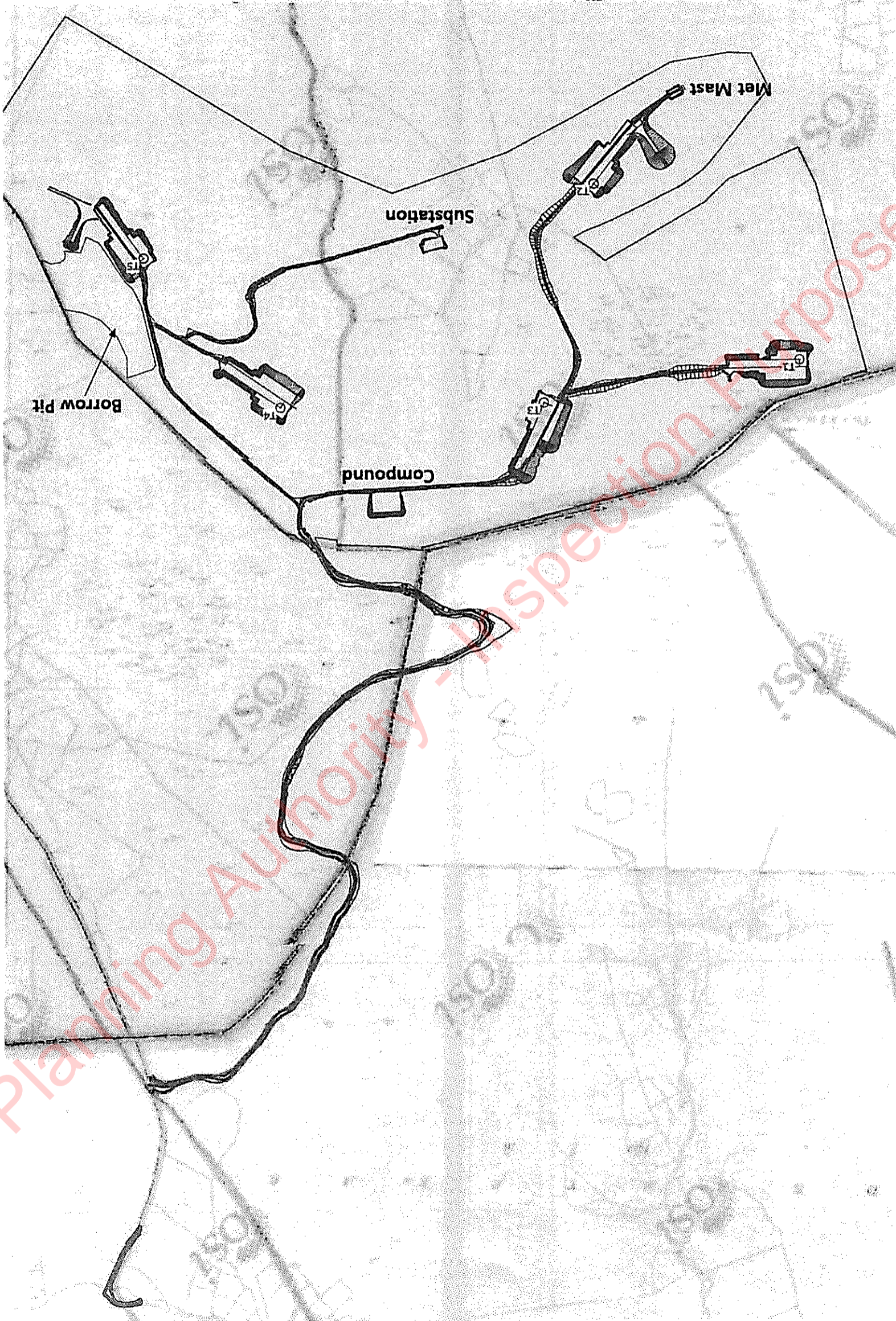
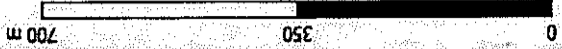


Figure 14.3: Location of Farmhouse in relation to access road to substation

Farm building

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KERRY QUALITY PLANNING

Figure 14.4: 6-inch OS map (1846) of site (OSI Licence SU003323)



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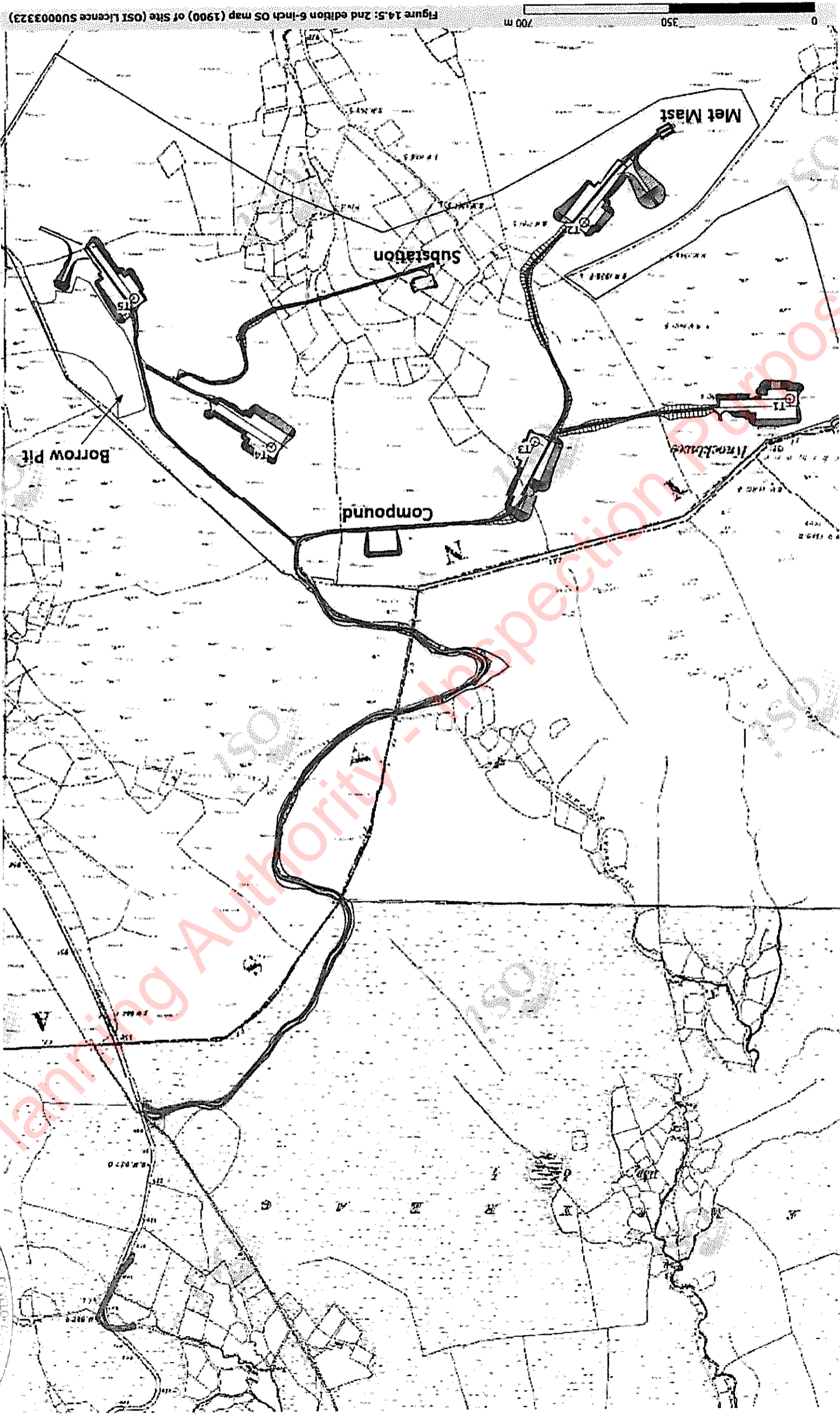


Figure 14.5: 2nd edition 6-inch OS map (1900) of Site (OSI Licence SU003323)

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Figure 14.6: LIDAR image of Site

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HERBY COUNTY COUNCIL

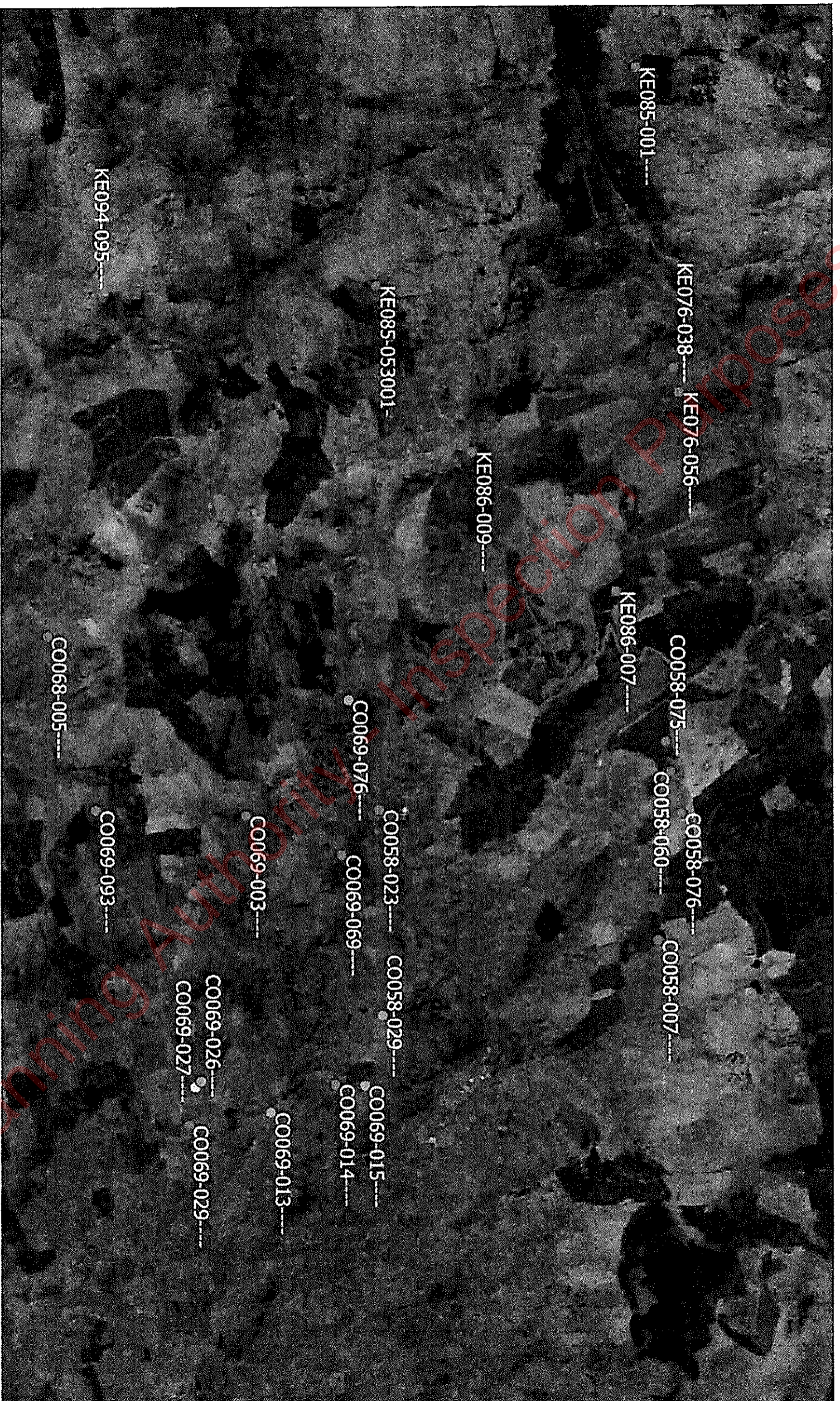


Figure 14.7: Monuments with potential visual alignments within 10km
 Wedge Tombs (Red) / Stone Circles (Cyan) / Stone Row (Yellow) / Stone Pairs (Pink)

Figure 14.8: Section of grid connection route (yellow) and Site Entrance (blue) in environs of N22 road and redundant record KE076-071---(drill section indicated with arrows)



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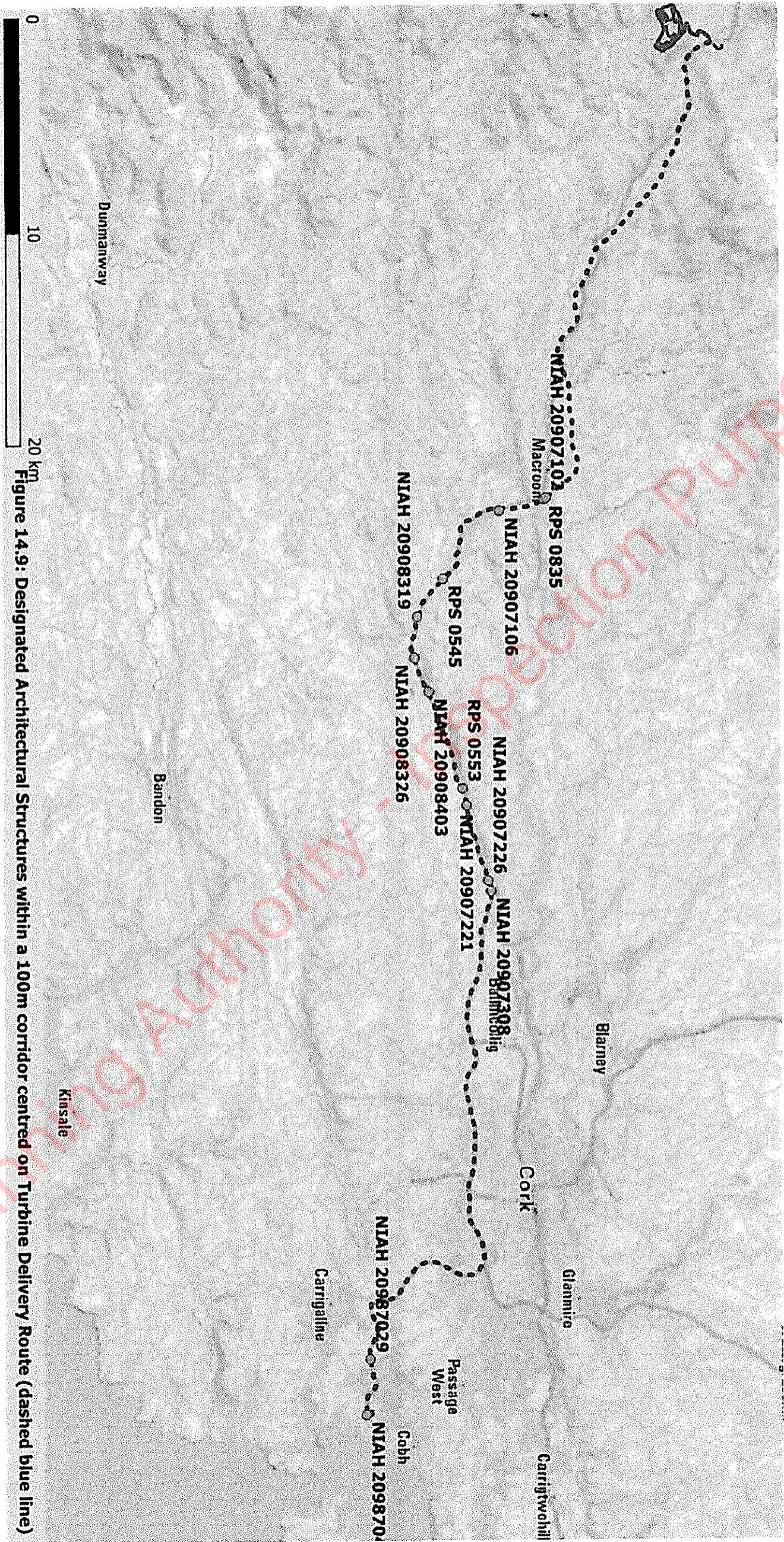


Figure 14.9: Designated Architectural Structures within a 100m corridor centred on Turbine Delivery Route (dashed blue line)

Kerry Planning Authority

For Decision Purposes Only!

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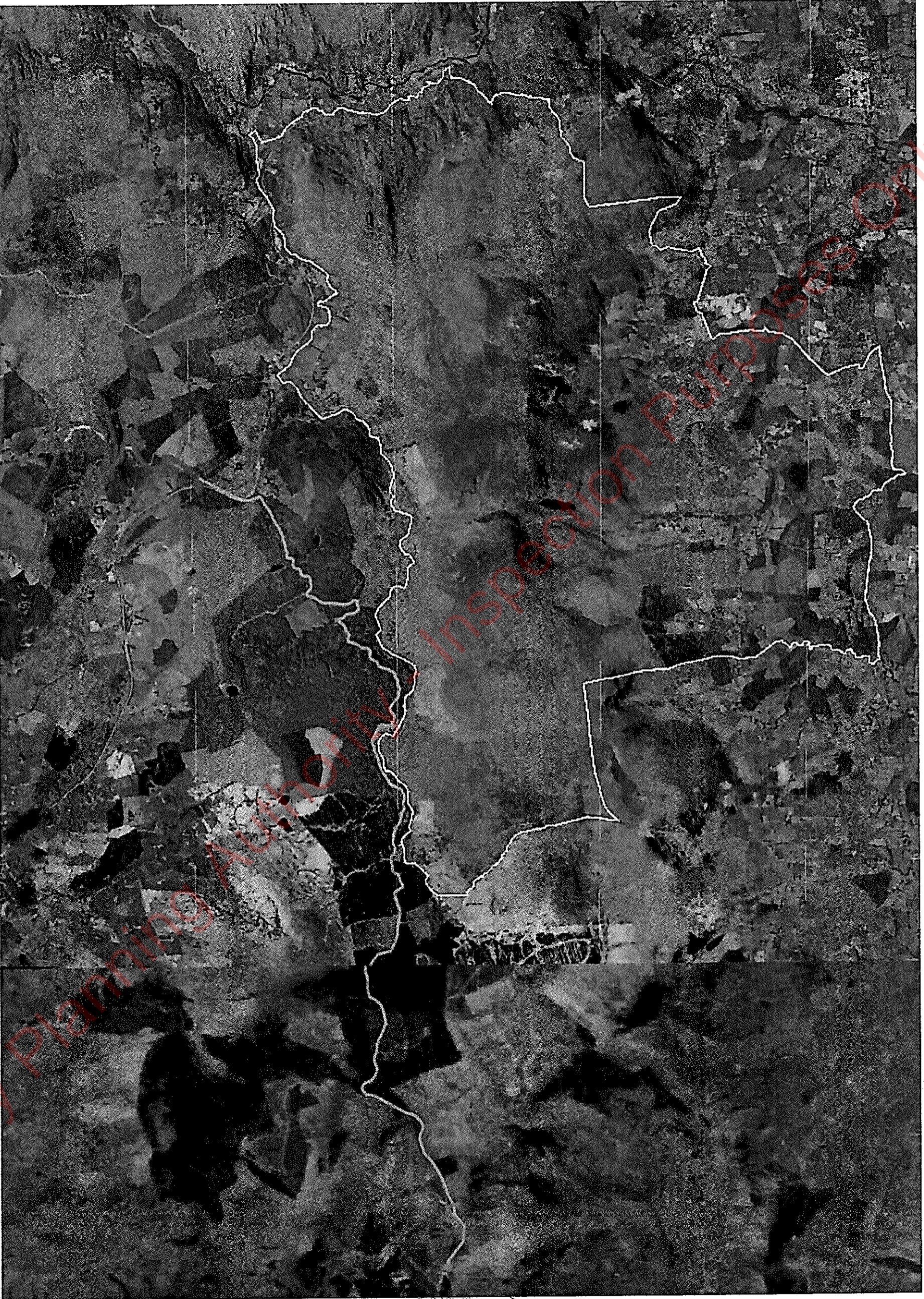
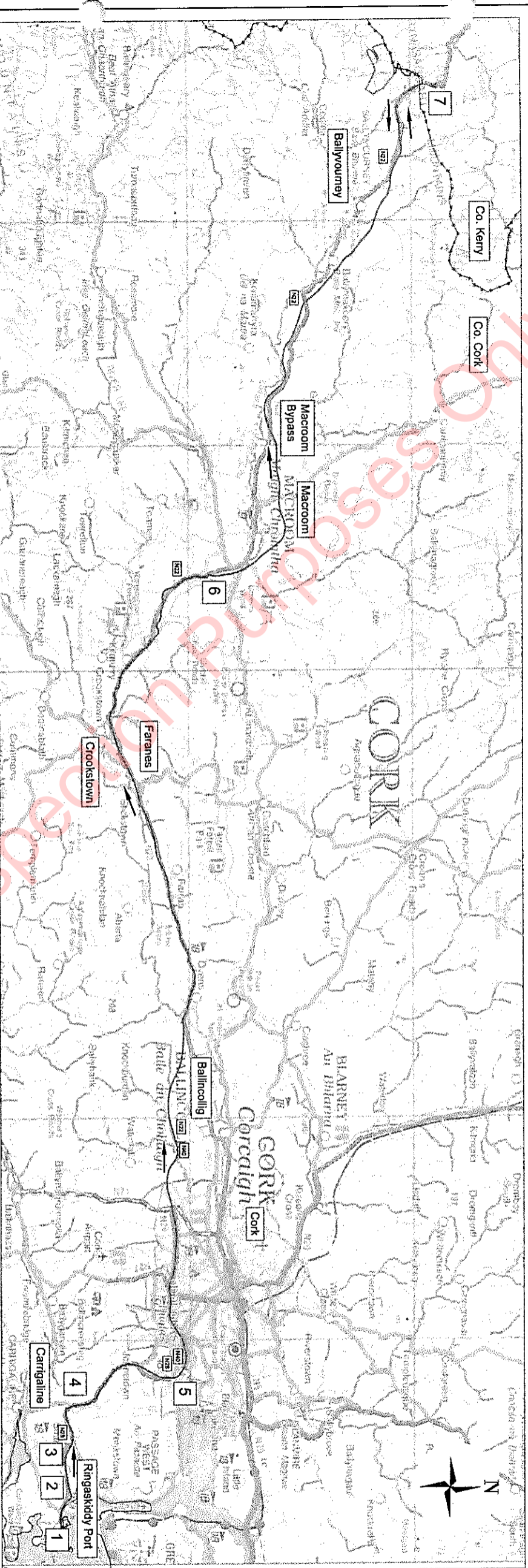


Figure 14.11: Location of Paps Archaeological Landscape (Yellow) in relation to the Site (Blue) and Grid Connection Route (Cyan)

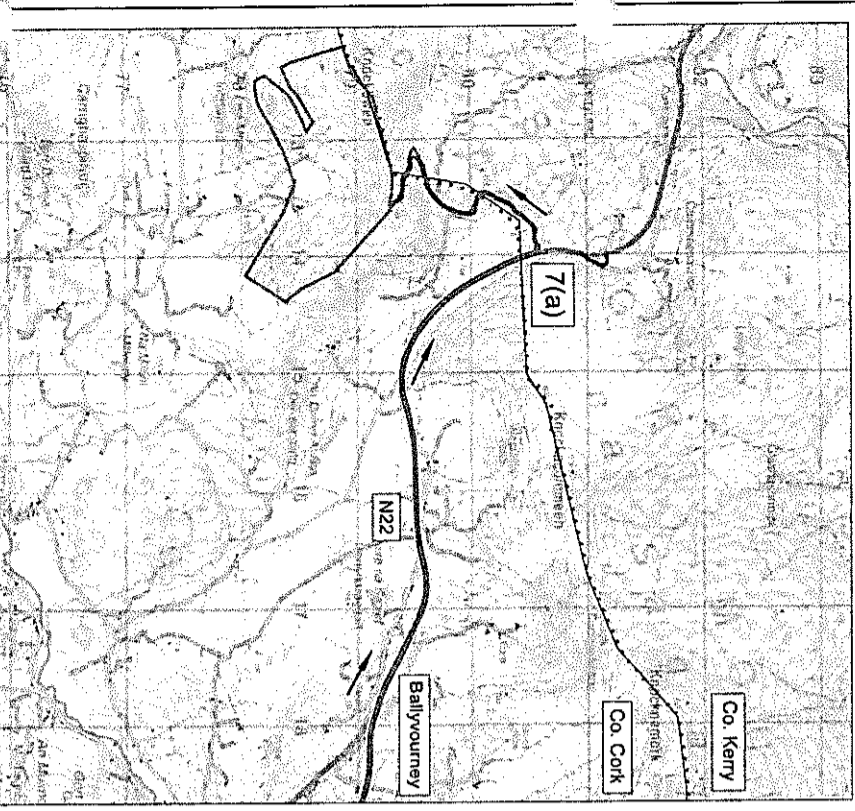
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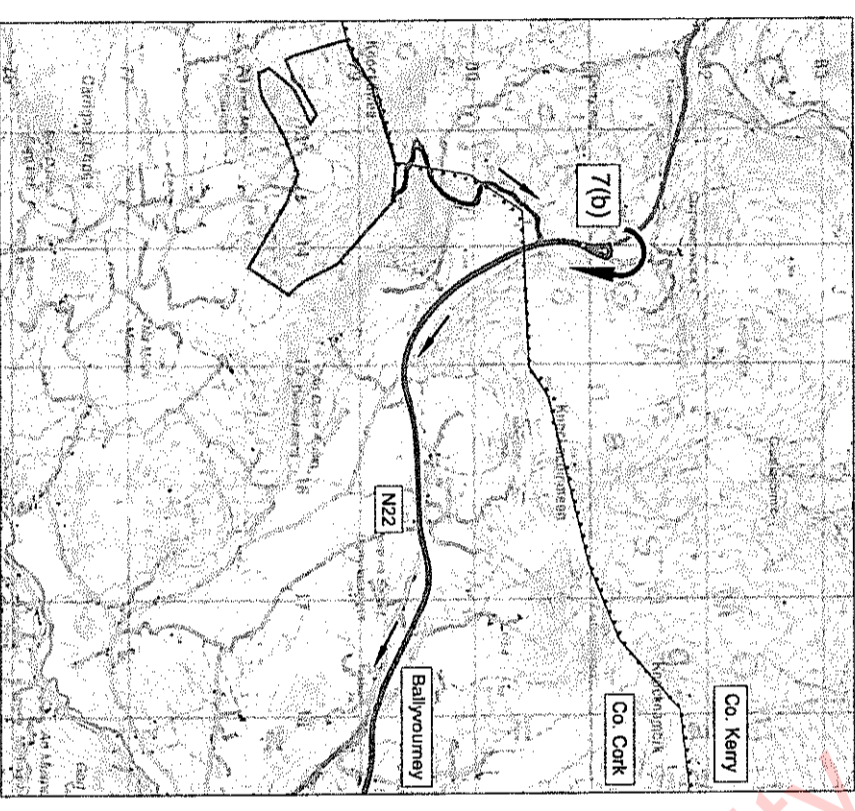
LEGEND

- INCHAMORE W/F SITE BOUNDARY
- TURBINE COMPONENT HAUL ROUTE
- COUNTY BOUNDARY

Turbine Haul To Site Route

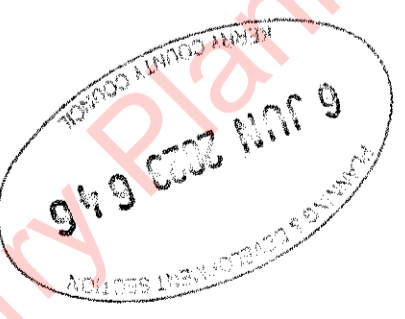


Turbine Haul Away From Site Route



Delivery Route To Site:

- 1 Exit Ringaskiddy Port onto N28
- 2 At the roundabout, continue on N28
- 3 At the roundabout, continue on N28
- 4 At the roundabout, take the 2nd exit onto N28
- 5 Continue on N28, then take the slip road onto N40
- 6 Continue on N40 to N22, use new Macroom Bypass which ends northwest of Ballyvourney (to be known as Ballyvourney Junction)
- 7(a) Rejoin the existing N22, continue on N22, then turn left at site access point at Derryveag. Continue on 2.5km of forest track to the wind farm site
- 7(b) On exit, turn left onto N22, then turn right at the Southern end of the existing island junction at Cummeenavrick and complete a 180 degree turning manoeuvre and continue on the N22




01	Updated Turbines Area	NO	Apr 23
	by		
	date		

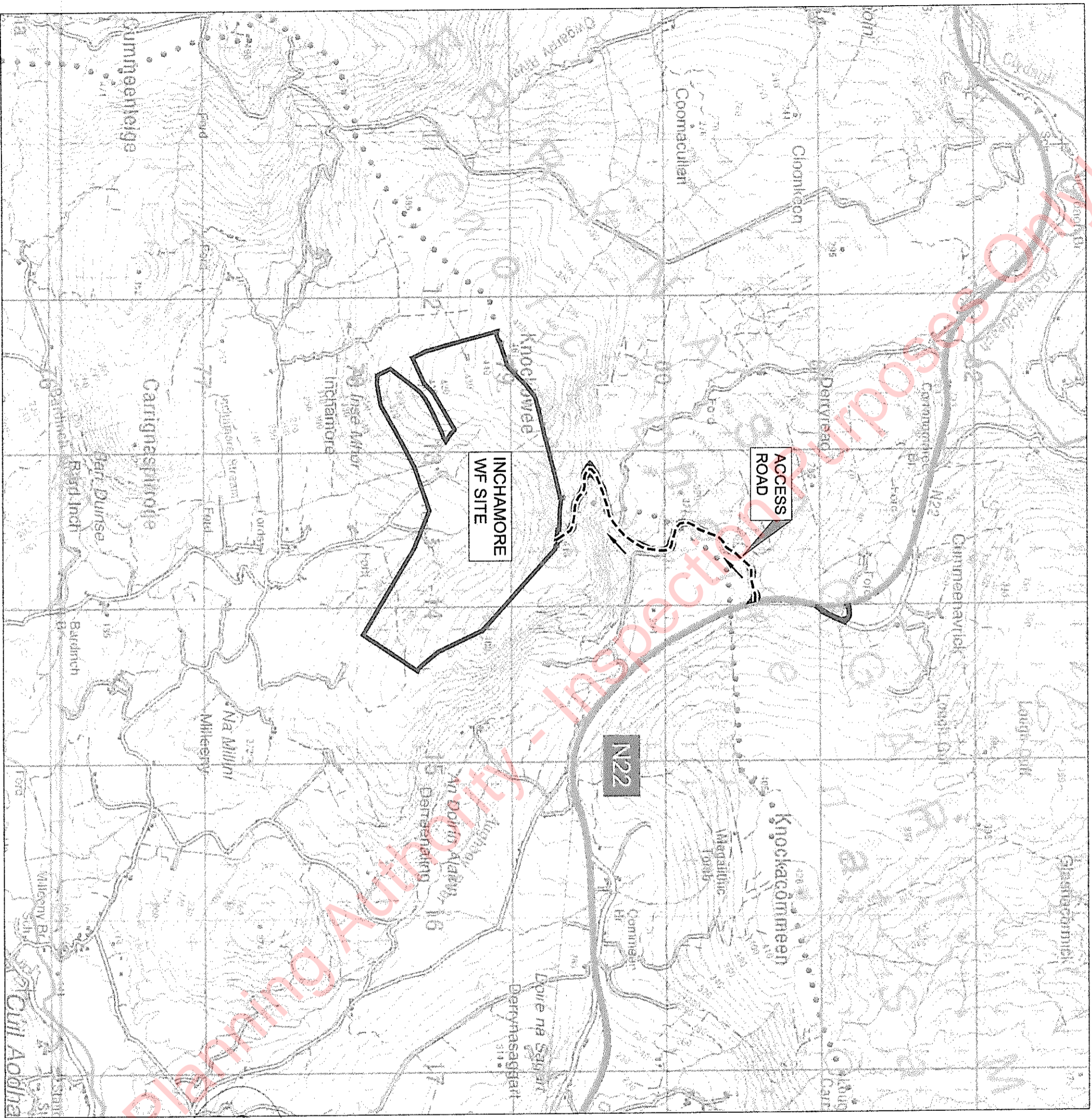
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Project	Proposed Wind Farm at Inchamore, Coolea, Co. Cork		
Stage	Planning		
Title	Turbine Component Haul Route		
Scales	1:200,000 & 1:100,000 @ A3		
Surveyed	Prepared by	Checked	Date
	K.D	S.M.	12-04-2023

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Job No.	6226	Drawing no.	FIGURE 15.1	Revision	01
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KERRY COUNTY COUNCIL

LEGEND

- INCHAMORE WF SITE BOUNDARY
- INCHAMORE WF SITE HAUL ROUTE

OS SHEETS : 1006, 1008

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REV	DESCRIPTIONS	BY	DATE

Client
Inchamore Wind DAC

Project
Proposed Wind Farm
at Inchamore, Coolea,
Co. Cork

Stage
Planning

Title
Turbine Component
Haul Route From N22

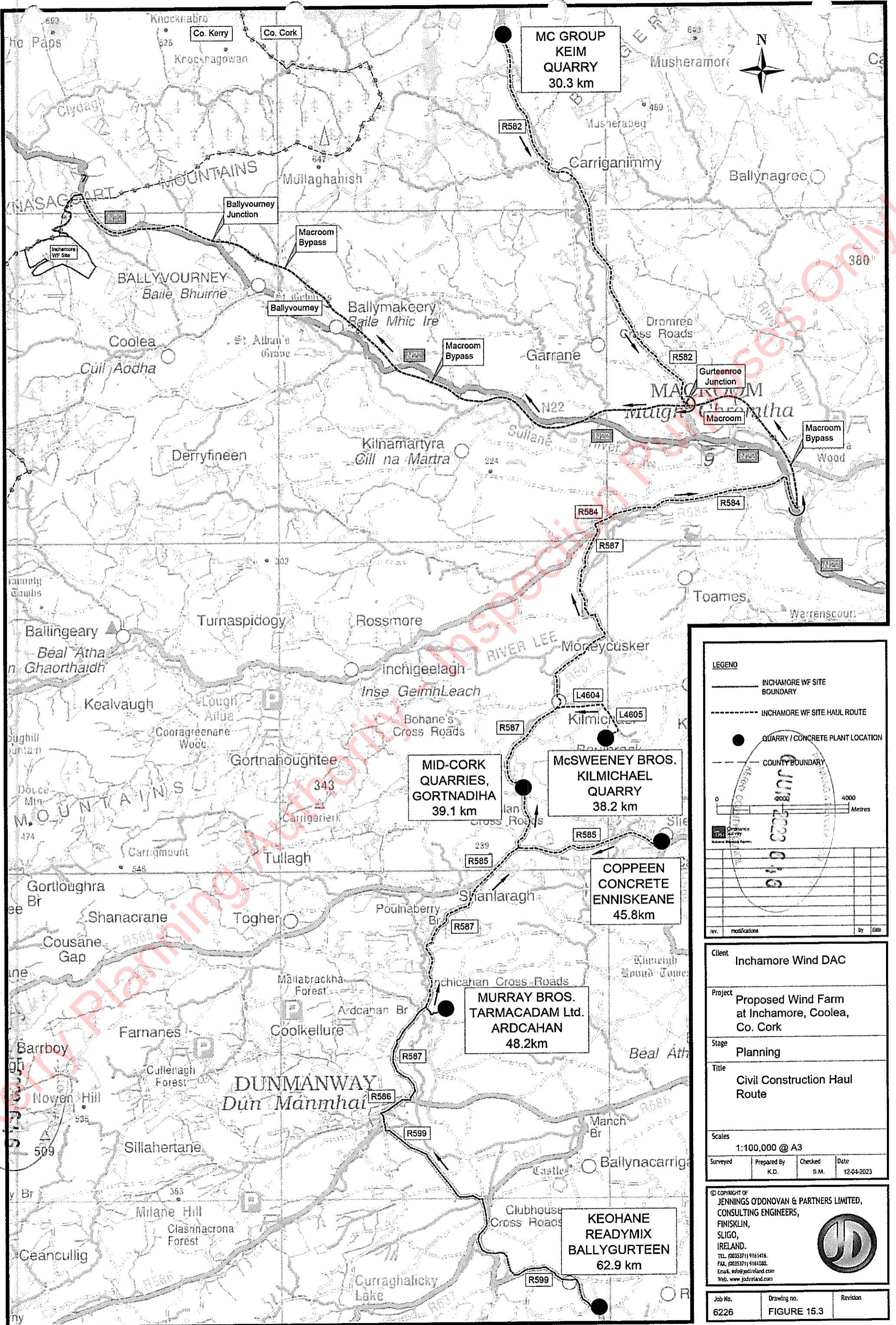
Scales
1:200,000 @ A3

Surveyed	Prepared By	Checked	Date
K.D	S.M.		12-04-2023

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Job No. 6226
Drawing no. FIGURE 15.2
Revision



LEGEND

- INCHAMORE WF SITE BOUNDARY
- INCHAMORE WF SITE HAUL ROUTE
- QUARRY / CONCRETE PLANT LOCATION
- COUNTY BOUNDARY

0 2000 4000 Metres

Scale: 1:100,000 @ A3

rev.	modifications	by	date

Client Inchamore Wind DAC

Project Proposed Wind Farm at Inchamore, Coolea, Co. Cork

Stage Planning


Title Civil Construction Haul Route

Scales 1:100,000 @ A3

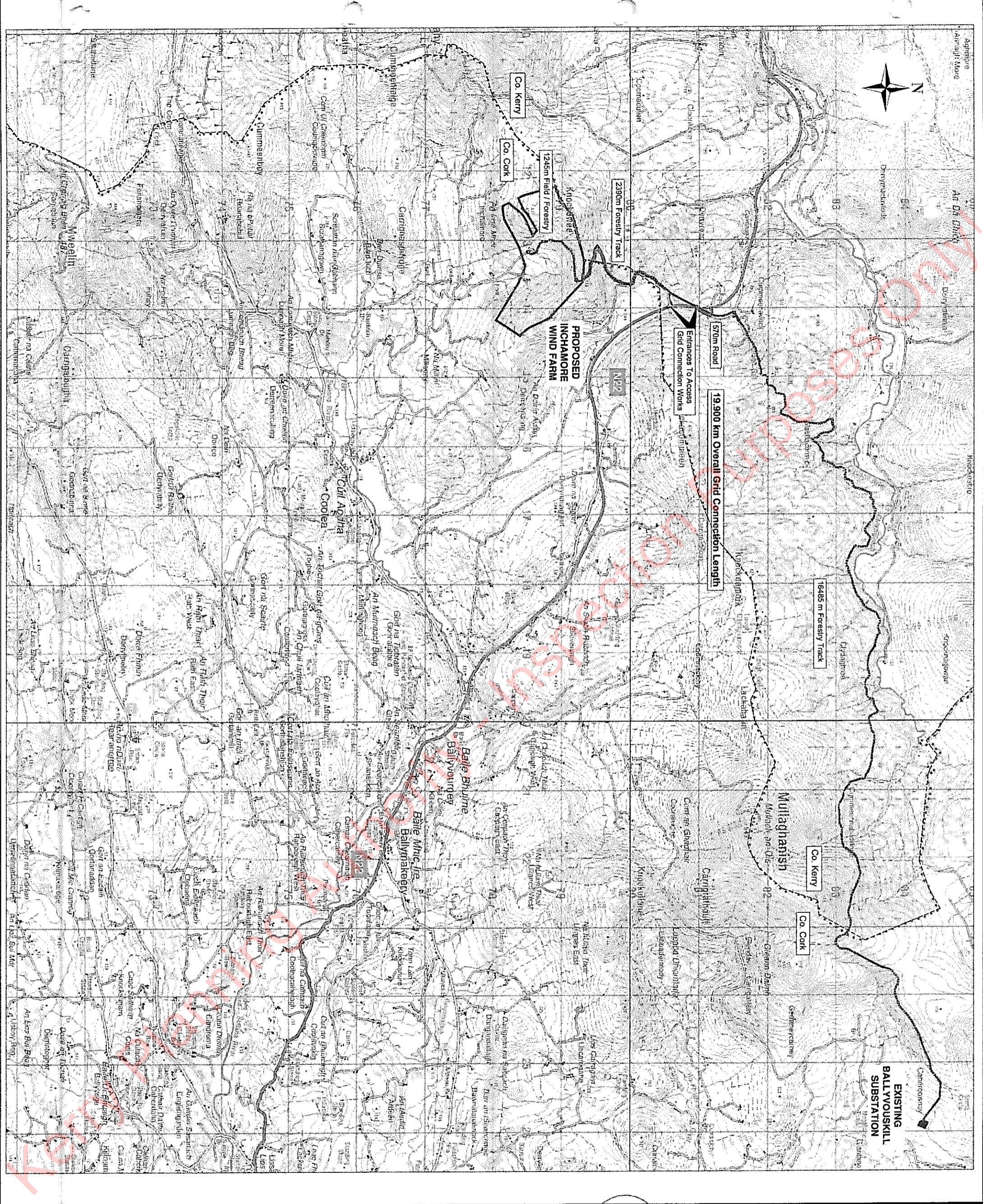
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	K.D.	S.M.	12-04-2023

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Job No.	Drawing no.	Revision
6226	FIGURE 15.3	



LEGEND

- EXISTING BALLYVOOSKILL 220-110KV GIS SUBSTATION
- PROPOSED INCHAMORE 110KV UNDERGROUND GRID CONNECTION ROUTE
- COUNTY BOUNDARY

6 JUN 2020 646

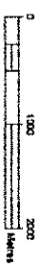
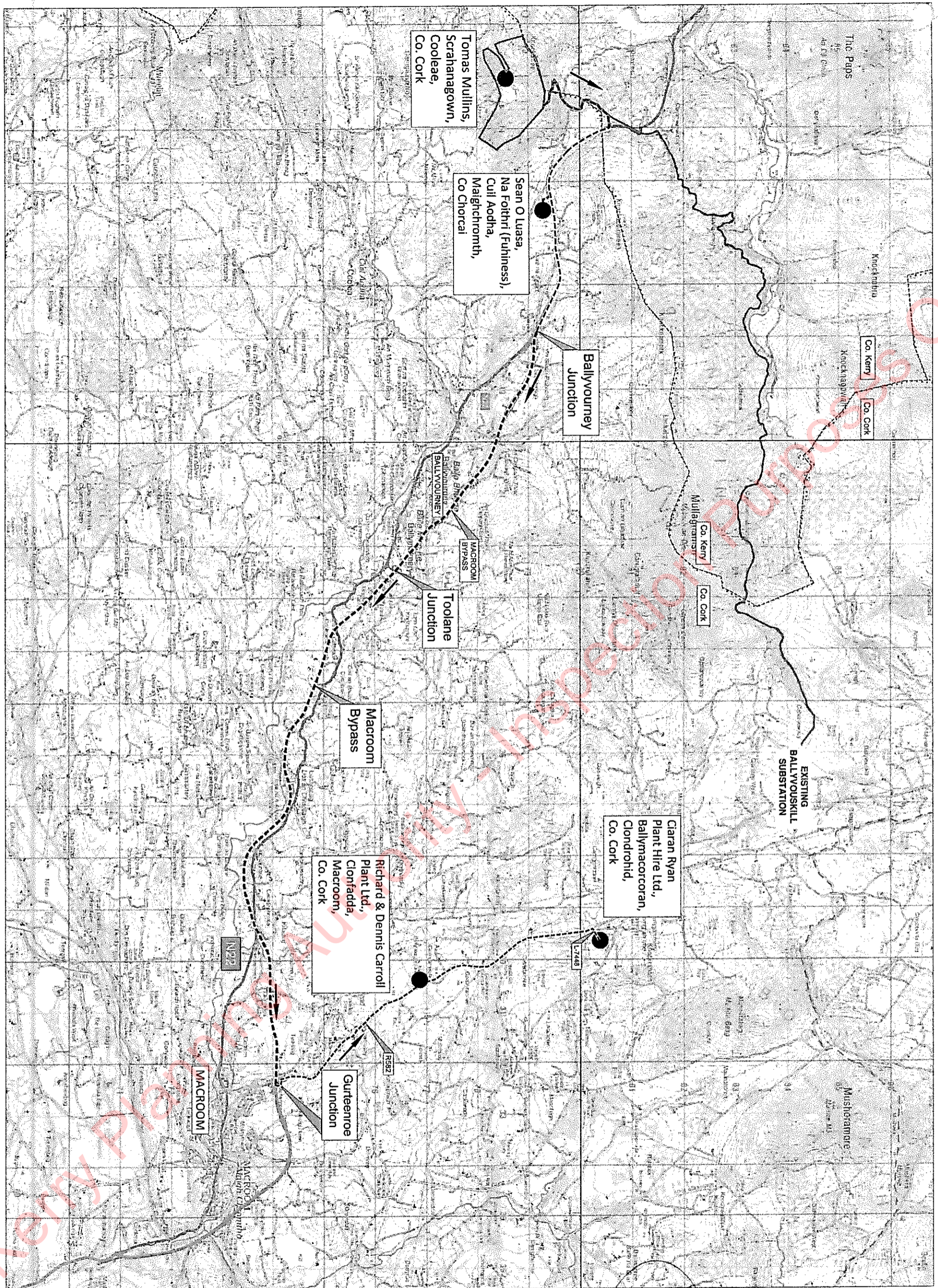
KERRY COUNTY COUNCIL

Client	Inchamore Wind DAC		
Project	Proposed Wind Farm at Inchamore, Coolea, Co. Cork		
Stage	Planning		
Title	Proposed Grid Connection Route		
Scale	1:50,000 (A1)		
Surveyed	Prepared by	Checked	Date
	KD	S.M	12-04-2023

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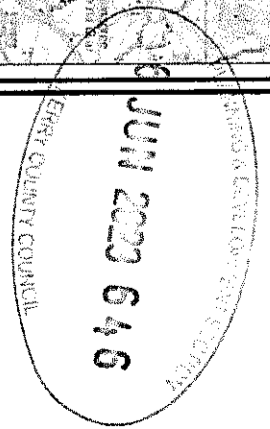
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Job No. 6226 Drawing no. FIGURE 15.4 Revision



LEGEND

- INCHAMORE WF SITE BOUNDARY
- STONE AND SOIL SPOIL DISPOSAL FROM THE GRID CONNECTION
- GRID CONNECTION
- CONSTRUCTION MATERIAL DELIVERY ROUTES
- COUNTY BOUNDARY



OS SHEETS : 1006, 1008, 1206, 1208

IRN	modification	by	date

Client
Inchamore Wind DAC

Project
Proposed Wind Farm at Inchamore, Cooleae, Co. Cork

Stage
Planning


Title
Grid Connection Access Routes and Spoil Disposal Locations

Scales Not To Scale

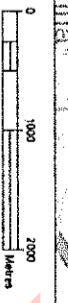
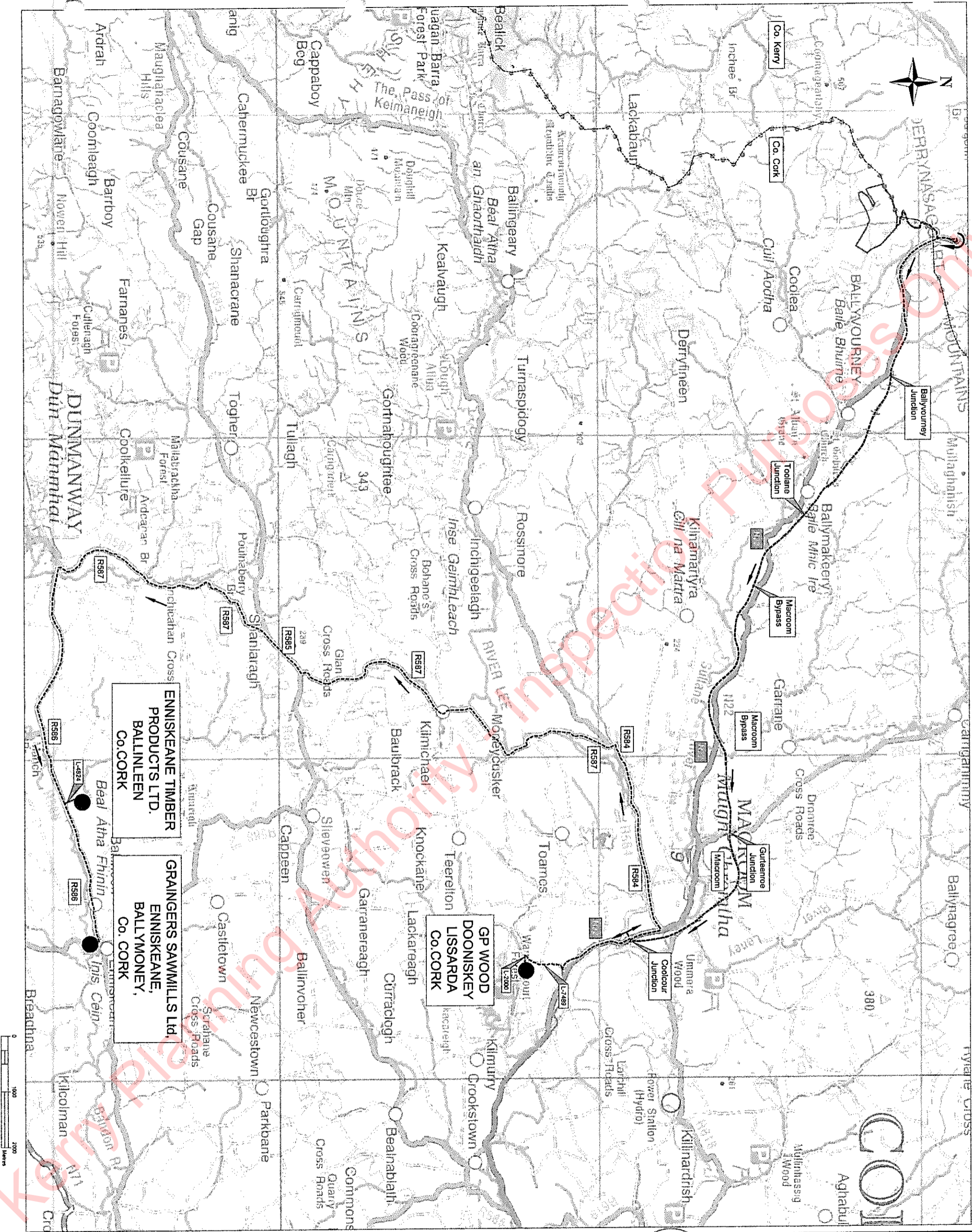
Surveyed	Prepared By	Checked	Date
	K.D	S.M.	12-04-2023

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Job No. 6226 Drawing no. FIGURE 15.5 Revision



LEGEND

- INCHAMORE WF SITE BOUNDARY
- SAWMILL LOCATION
- FELLED TREES TO SAWMILL HAUL ROUTES
- COUNTY BOUNDARY

6 JUN 2023 6:46
KERRY COUNTY COUNCIL

OS SHEETS : P99, P60, P67, P68

Rev	modifications	By	Date

Client
Inchamore Wind DAC

Project
Proposed Wind Farm at Inchamore, Coolea, Co. Cork

Stage
Planning

Title
Tree Felling Haul Routes to Sawmills

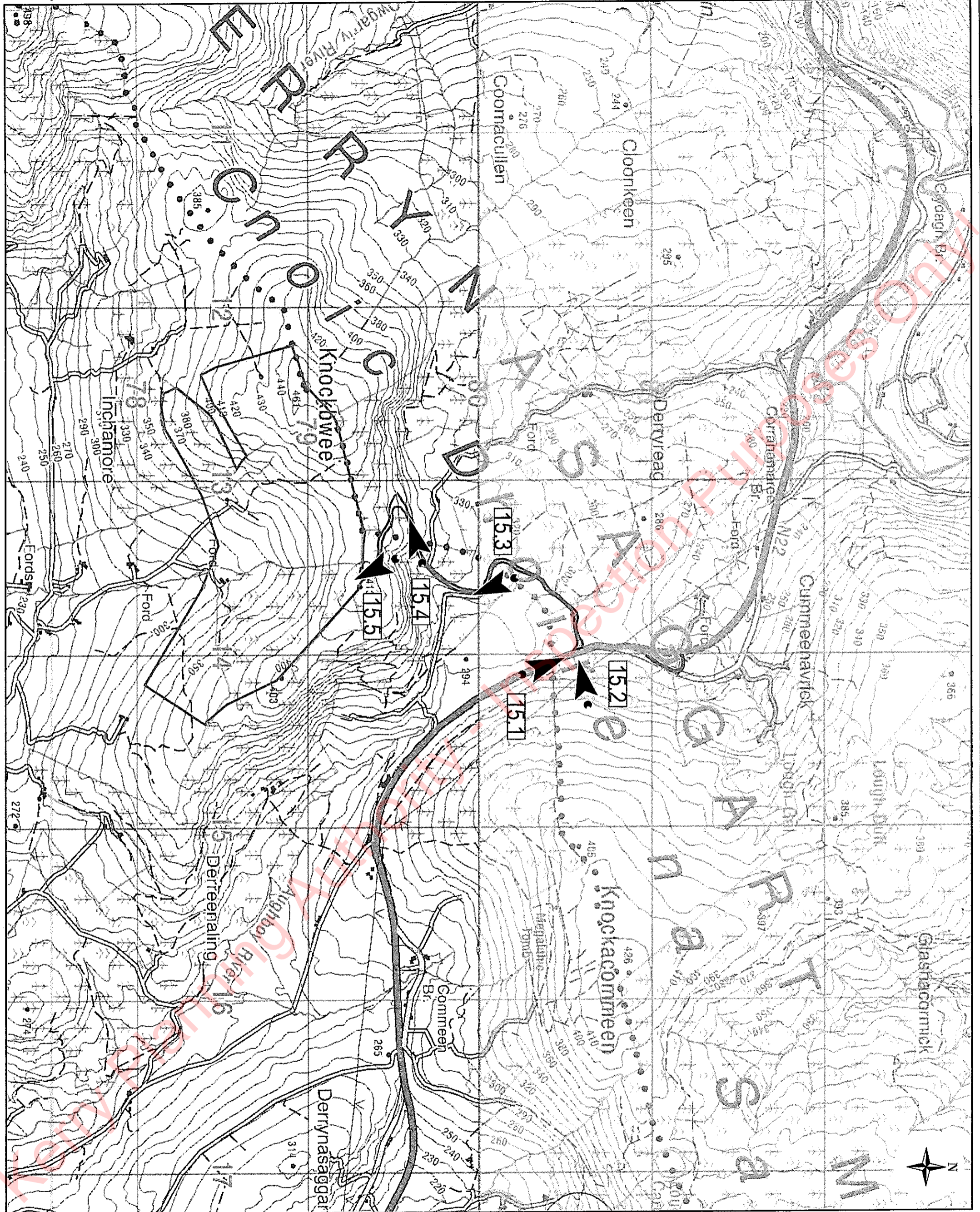
Scales Not To Scale

Surveyed	Prepared By	Checked	Date
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Job No. 6226
Drawing No. FIGURE 15.6
Revision



LEGEND

INCHMORE WF SITE BOUNDARY

PHOTOGRAPH VIEWPOINT

JUN 2023 646

KERRY COUNTY COUNCIL

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no.	revision	by	date

Client
Inchmore Wind DAC

Project
Proposed Wind Farm at Inchmore, Coolea, Co. Cork

Stage
Planning

Title
Location of Report Photographs

Scales
1:20,000 @ A3

Surveyed	Prepared By	Checked	Date
KD	SM		12-14-2023

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Job No. 6226 Drawing no. Revision

FIGURE 15.7



LEGEND

- INCHAMORE WF SITE
- BOUNDARY
- TI COUNTER LOCATION

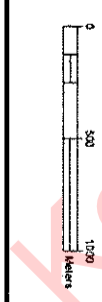
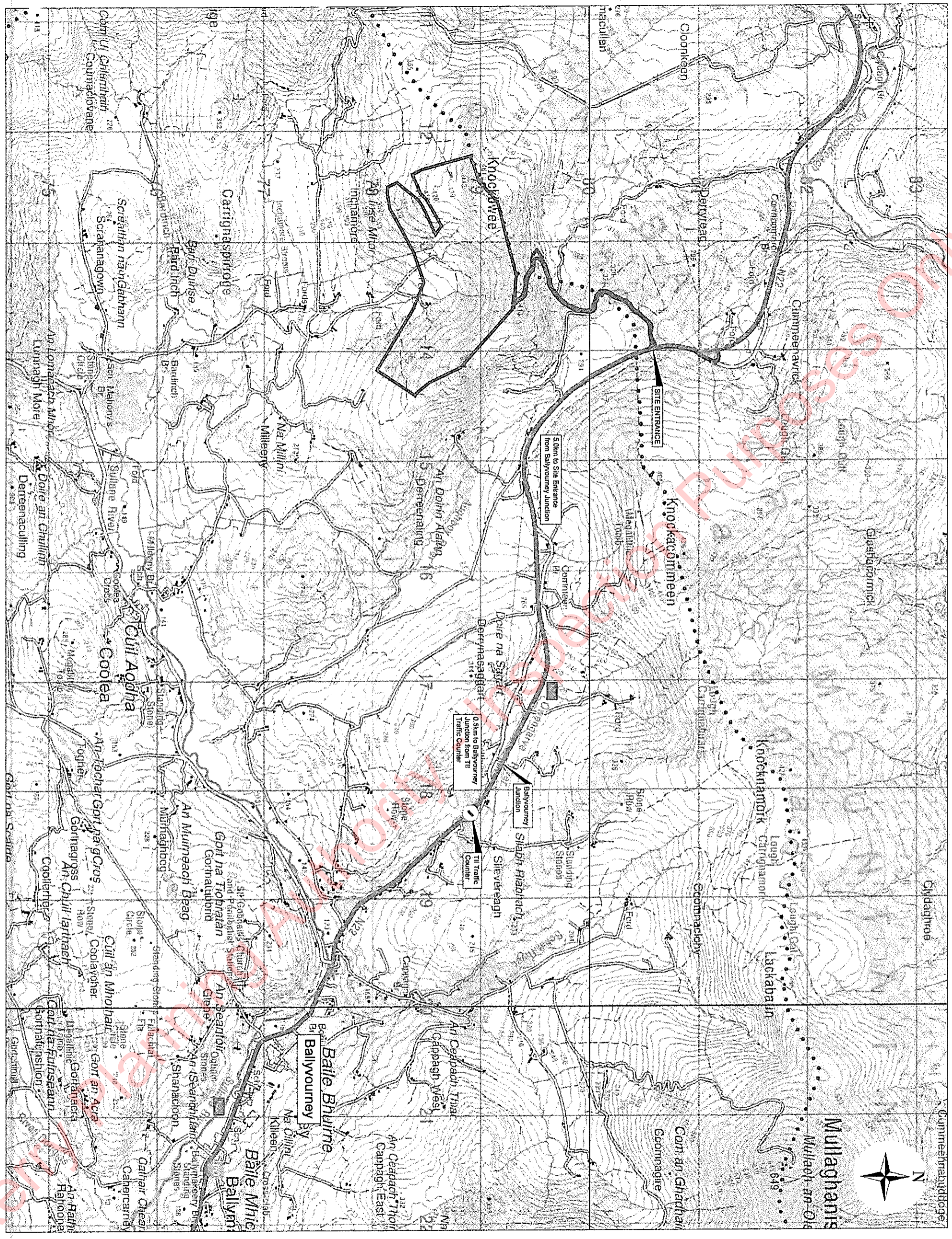
6 JUN 2023 6 46
 KERRY COUNTY COUNCIL

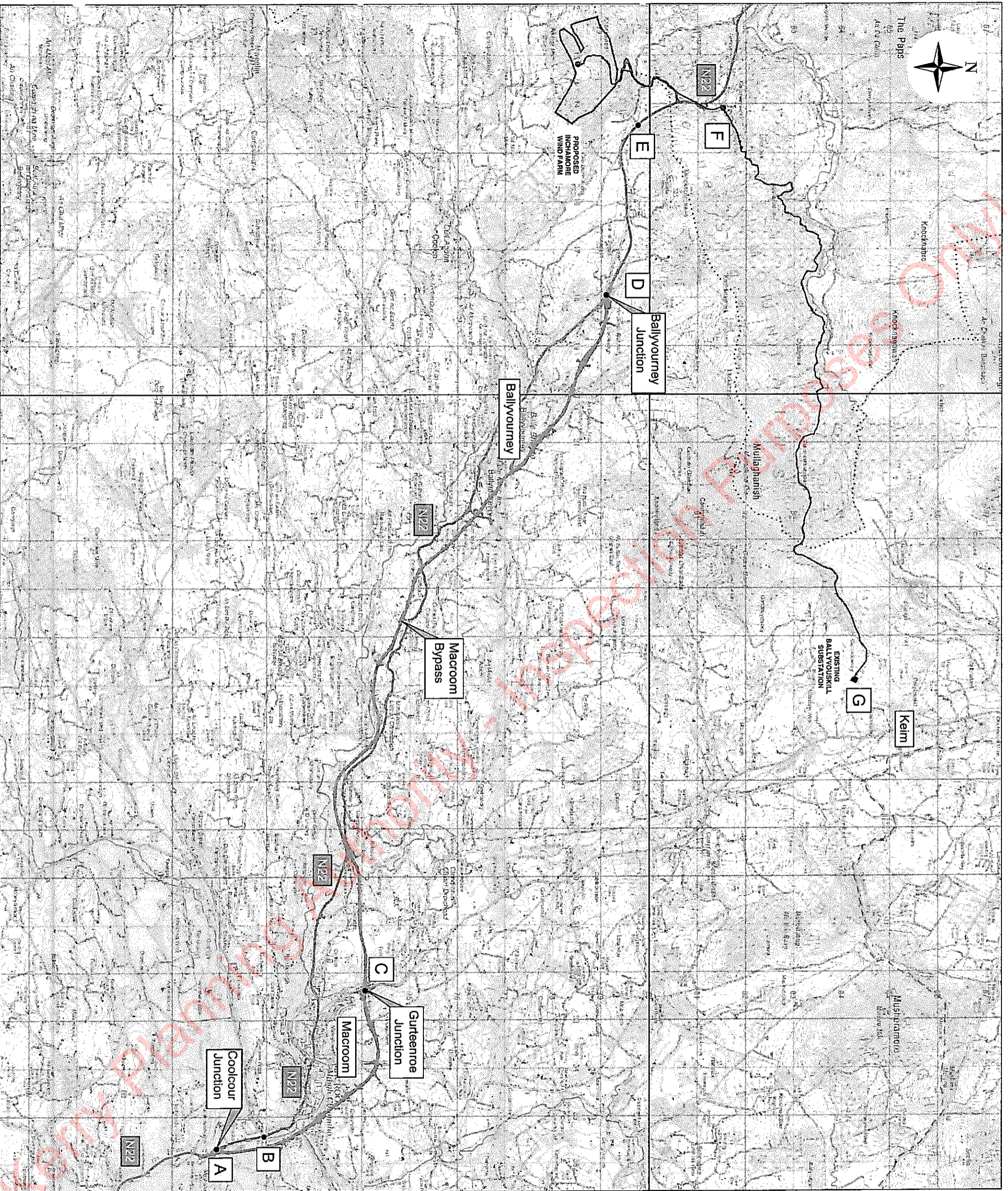
Distance
 Ordnance Survey Ireland Licence No. CV1A12015596
 Distance Survey Ireland / Government of Ireland

Client	Inchamore Wind DAC
Project	Proposed Wind Farm at Inchamore, Coolea, Co. Cork
Stage	Planning
Title	Location of Traffic Counts
Scales	1:20,000 @A3
Surveyed	Prepared by K.O. Checked S.M. Date 12-04-2023

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Job No. Drawing no. Revision
 6226 FIGURE 15.10





LEGEND

- INCHAMORE WF SITE BOUNDARY
- PROPOSED GORTYRAHILLY 110KV UNDERGROUND GRID CONNECTION ROUTE
- TRAFFIC FLOW NODE

6 JUN 2023 646

MERRILL CUNY & COMPANY

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T.M.	modifications	by	date

Client
Inchamore Wind DAC

Project
Proposed Wind Farm at Inchamore, Coolea, Co. Cork

Stage
Planning

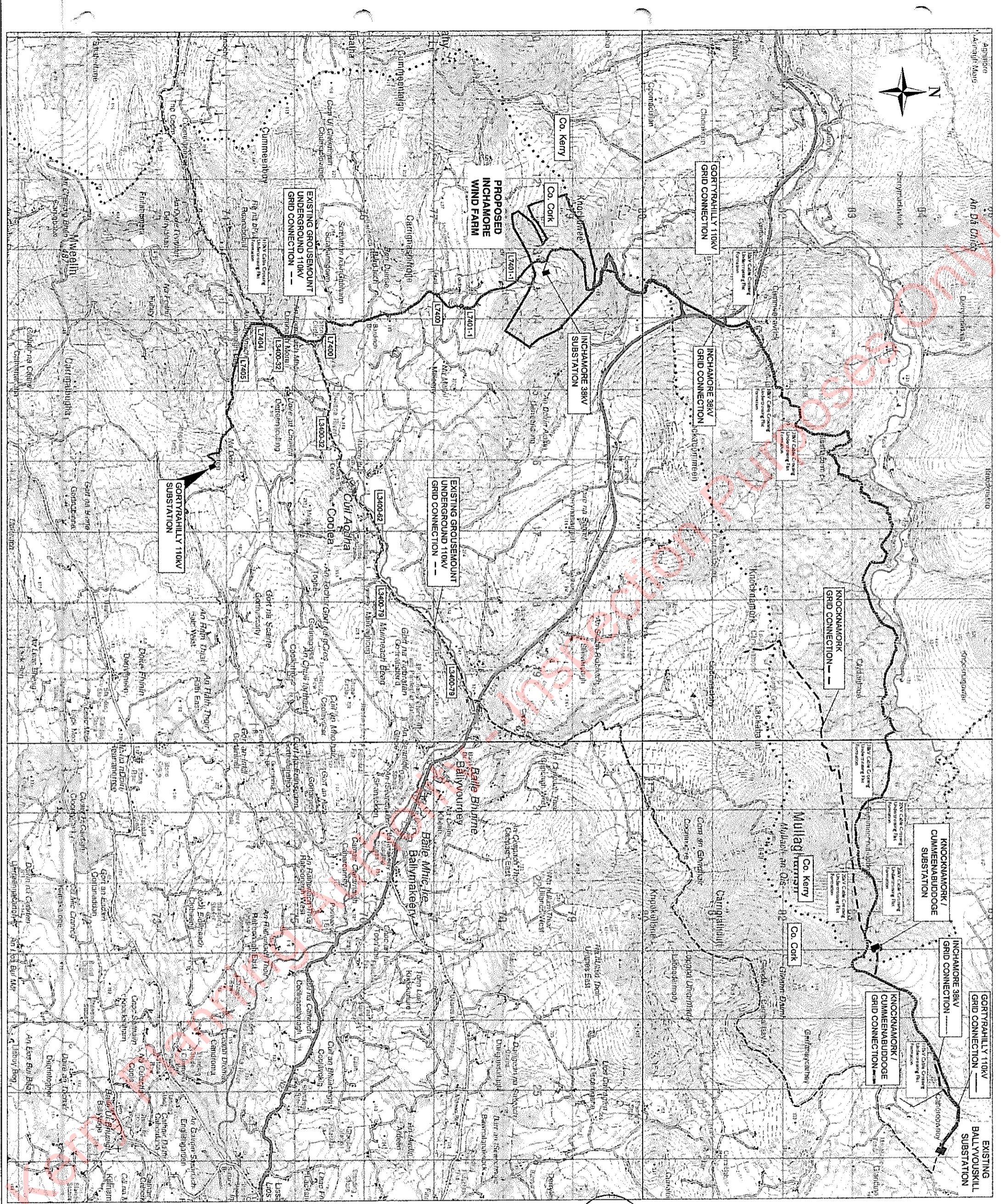
Title
Traffic Flow Node Identification Plan

Scales
Not To Scale

Surveyed	Prepared By	Checked	Date
	K.D.	S.M.	12-04-2023

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Job No. 6226 Drawing no. FIGURE 15.11 Revision



6 JUN 2023 046

KERRY COUNTY COUNCIL

- LEGEND**
- EXISTING BALLYVOUSKILL 220-110KV GIS SUBSTATION
 - PROPOSED GORTYRAHILLY WIND FARM 110KV SUBSTATION
 - DENOTES CROSSING LOCATIONS OF EXISTING GRID CONNECTIONS
 - PROPOSED GORTYRAHILLY 110KV UNDERGROUND GRID CONNECTION ROUTE
 - INCHAMORE 38KV UNDERGROUND GRID CONNECTION ROUTE
 - PROPOSED KNOCKNAMORK 110KV UNDERGROUND GRID CONNECTION ROUTE
 - PROPOSED KNOCKNAMORK / CUMMEENABUDDOGE 110KV UNDERGROUND GRID CONNECTION ROUTE
 - EXISTING GROUSEMOUNT 110KV UNDERGROUND GRID CONNECTION ROUTE

Client
Inchamore Wind DAC

Project
Proposed Wind Farm at Inchamore, Coolea, Co. Cork

Stage
Planning

Title
Proposed Grid Connection Routes & Existing Grid Routes

Scales
1:50,000 (A1)

Surveyed	Prepared by	Checked	Date
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Job No. 6226
Drawing no. FIGURE 15.12
Revision

