



Client: Ballyfeeny Green Energy Limited

Project: Ballyfeeny Green Energy Project

Figure: 6-1 Site Location



Legend:

- Grid Connection Route
- Redline Boundary
- Proposed Turbine Layout
- Proposed Access Track and Hardstand Areas

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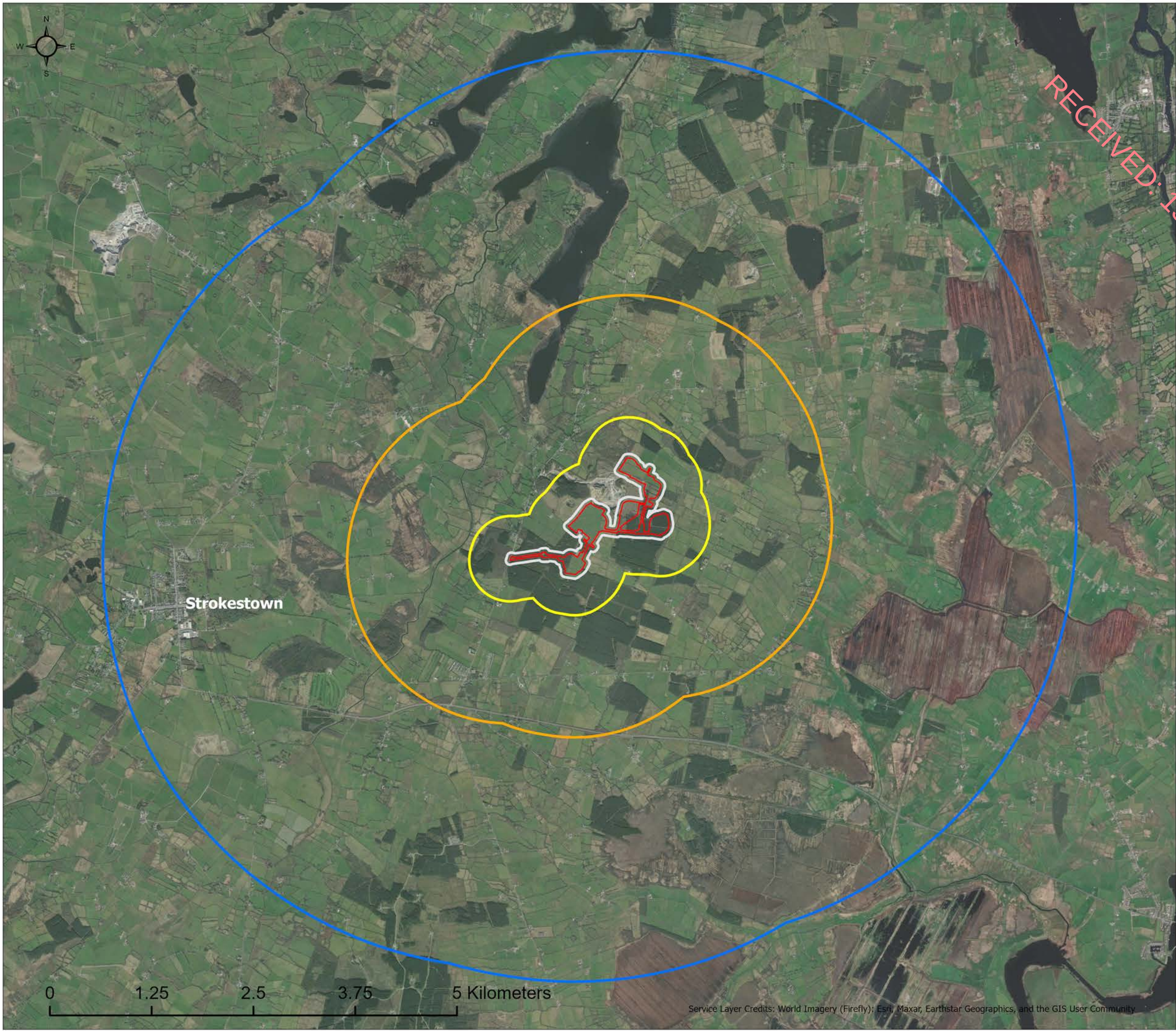
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W: www.inisecology.com
W: www.inisenv.ie

INIS Ecology
Suite 16, Block A,
Clare Technology Park, Gort Road,
Ennis, Co. Clare



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Figure: 6-2 Survey Area



Legend:

- Site Boundary
- Site Boundary 50m Buffer
- Site Boundary 500m Buffer
- Site Boundary 2km Buffer
- Site Boundary 5km Buffer

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Figure: 6-3 Grid Survey Area



Legend:

- Grid Connection
- Grid Connection Boundary
- GC Survey Area

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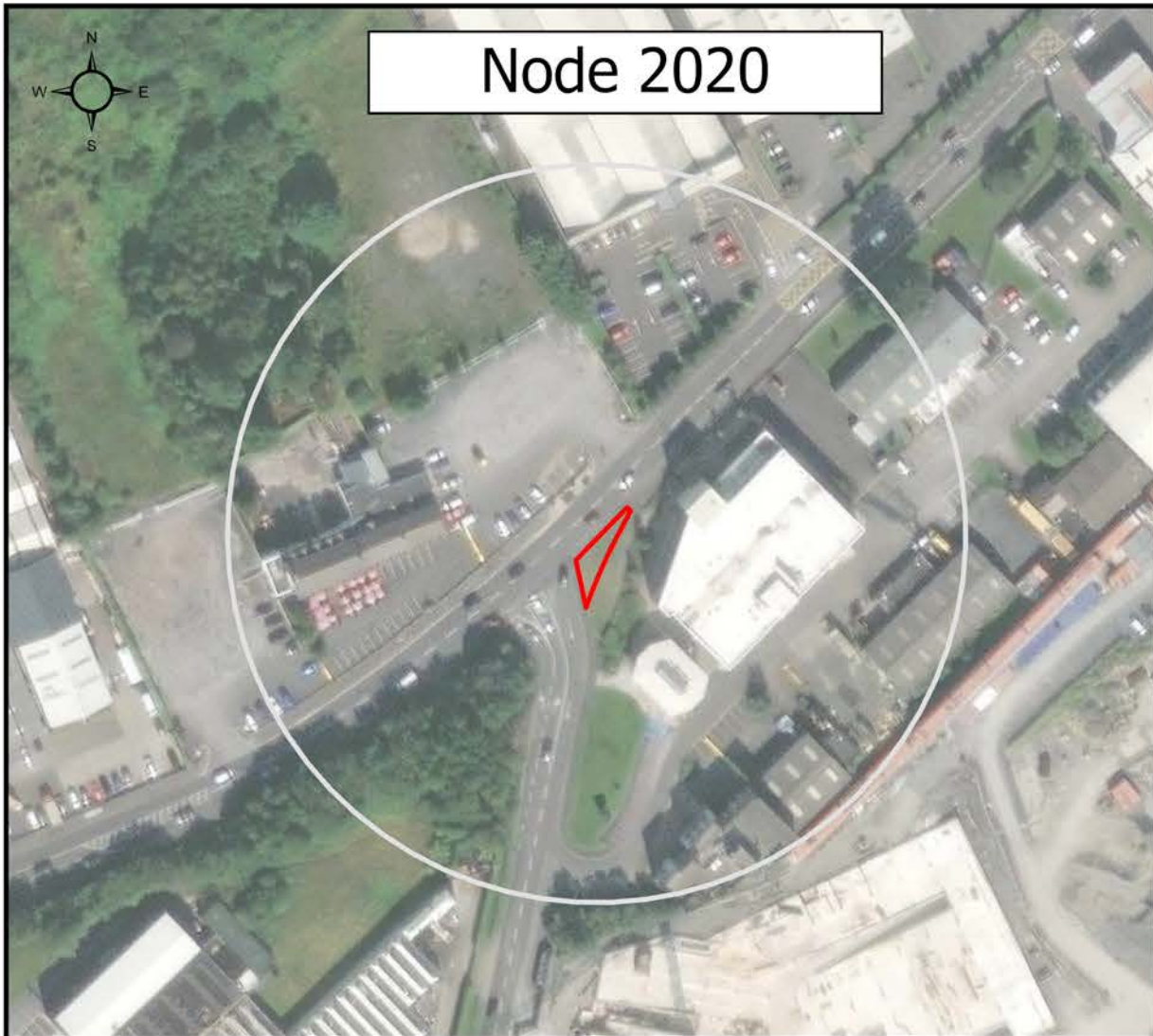
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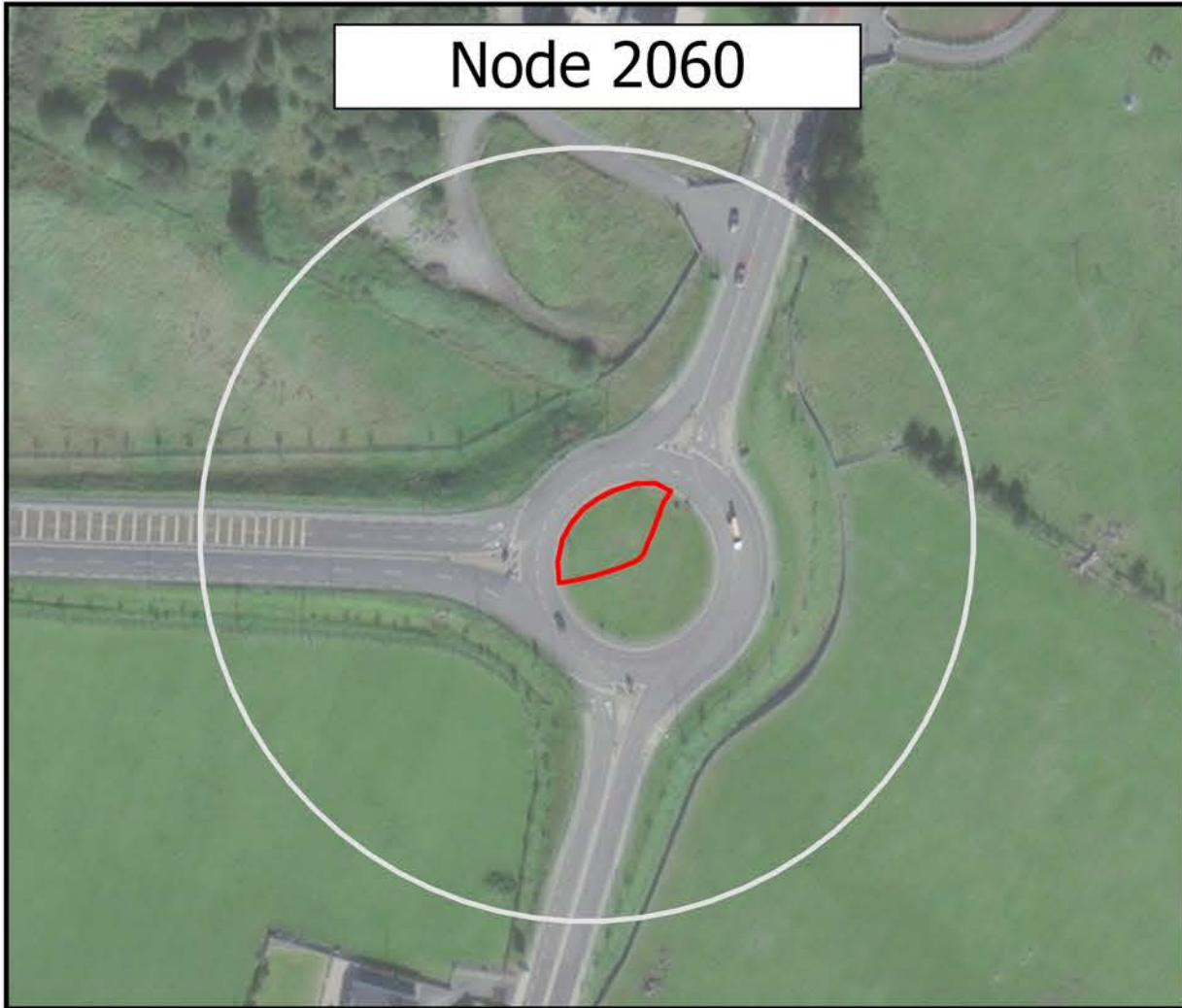
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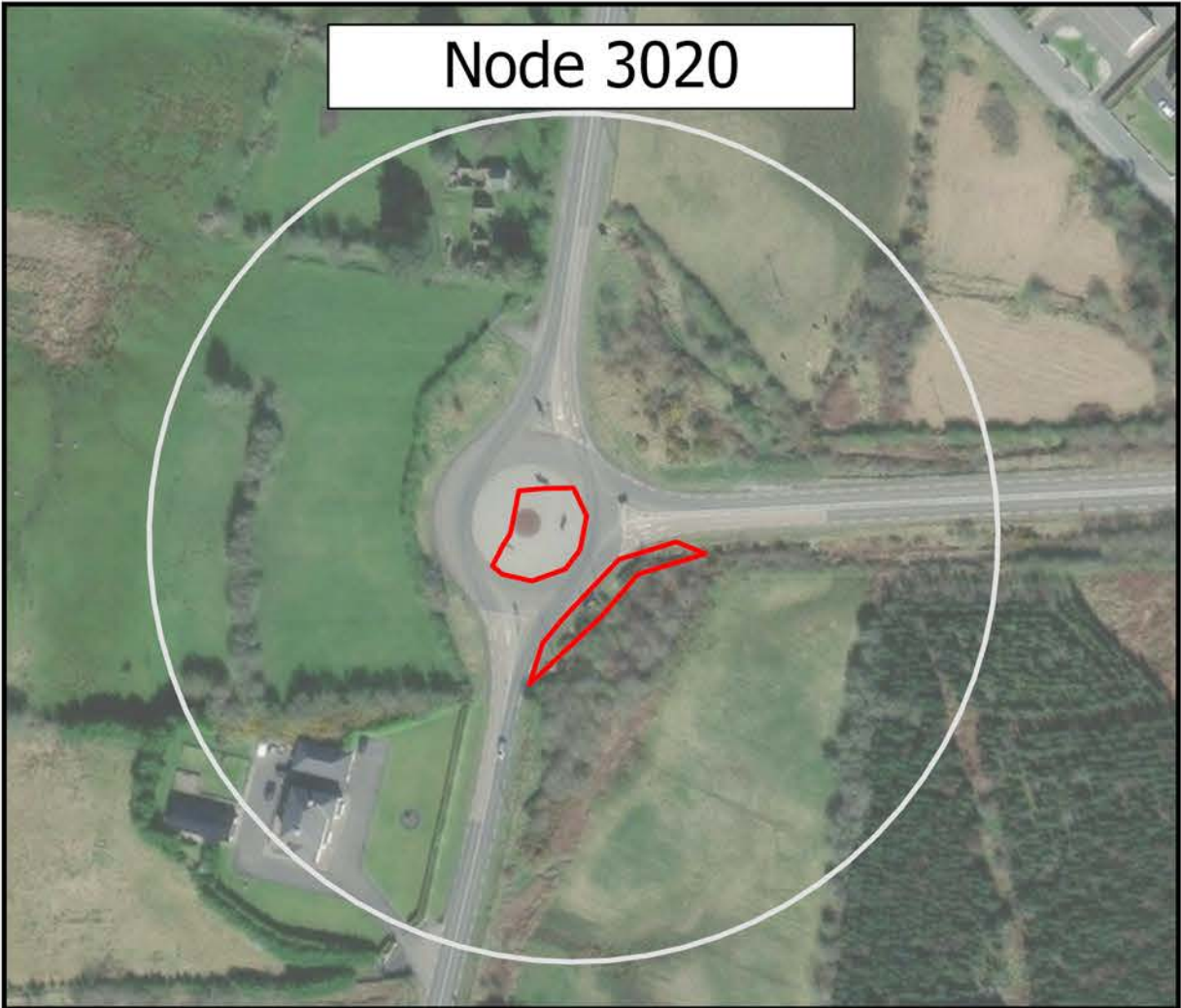
Node 2020



Node 2055



Node 2060



Node 3020

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Figure: 6-4 TDR Survey Area (Map1)



Legend:

- TDR Survey Area
- Node 2020 Habitats Loss Area

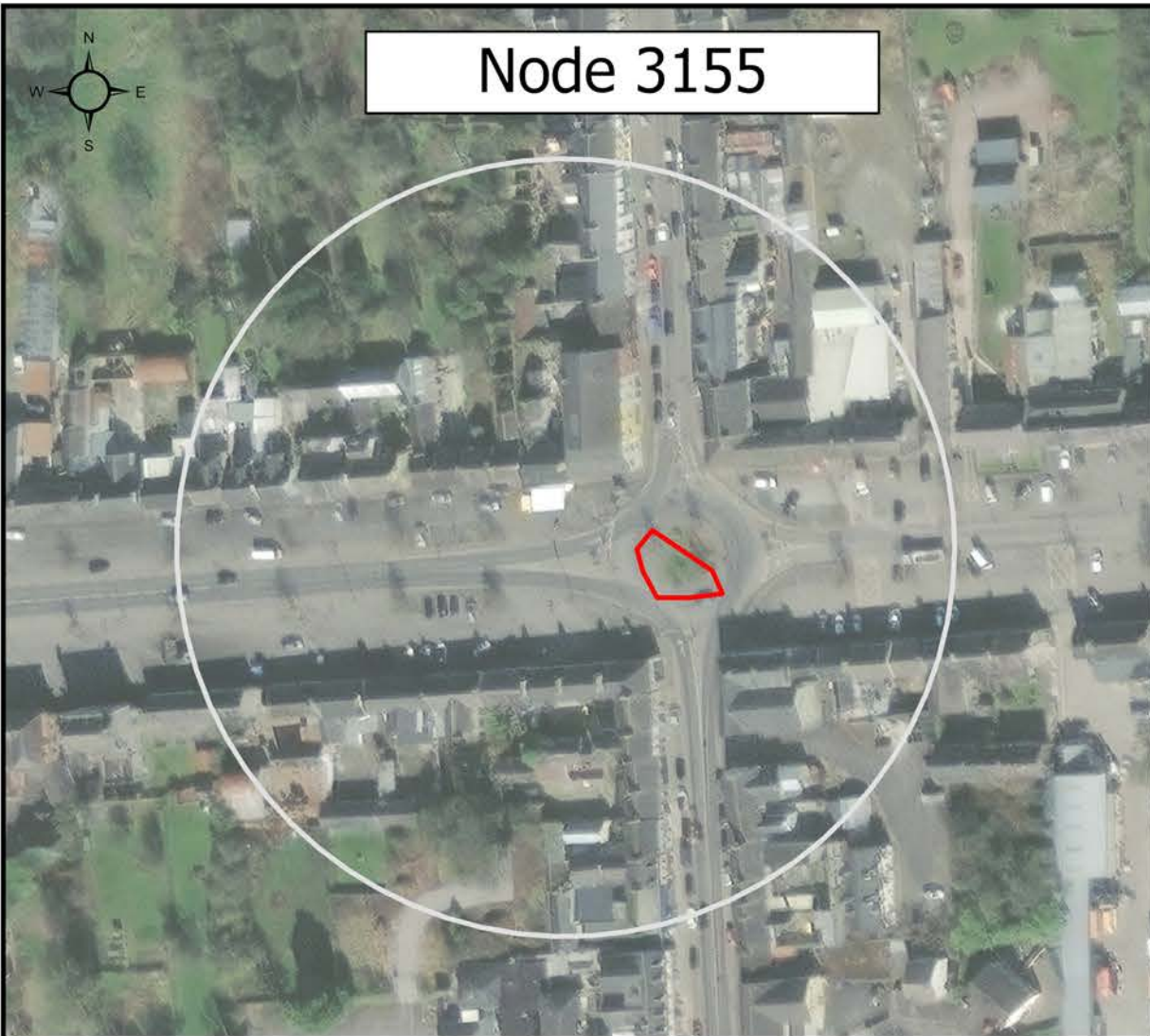
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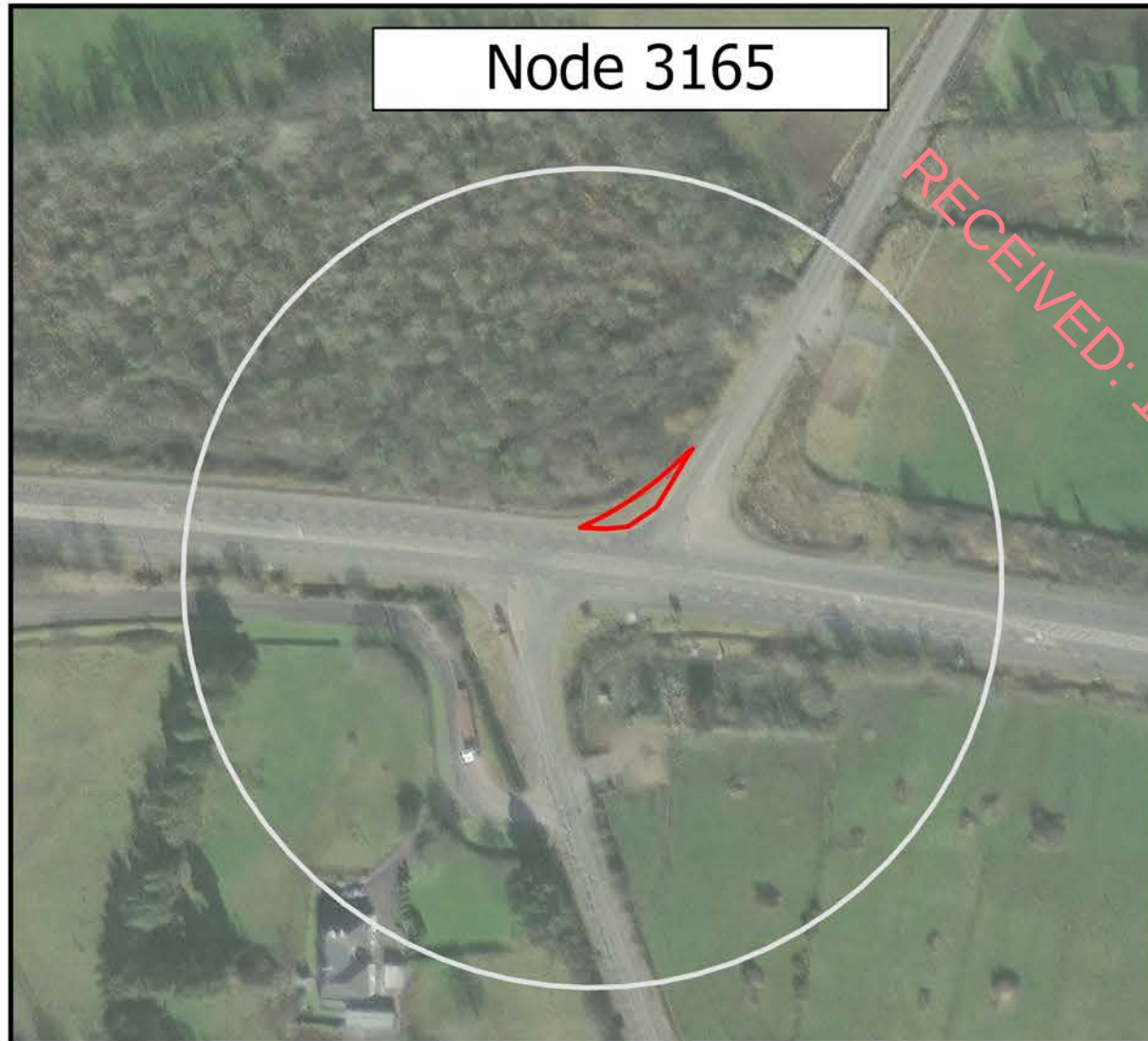
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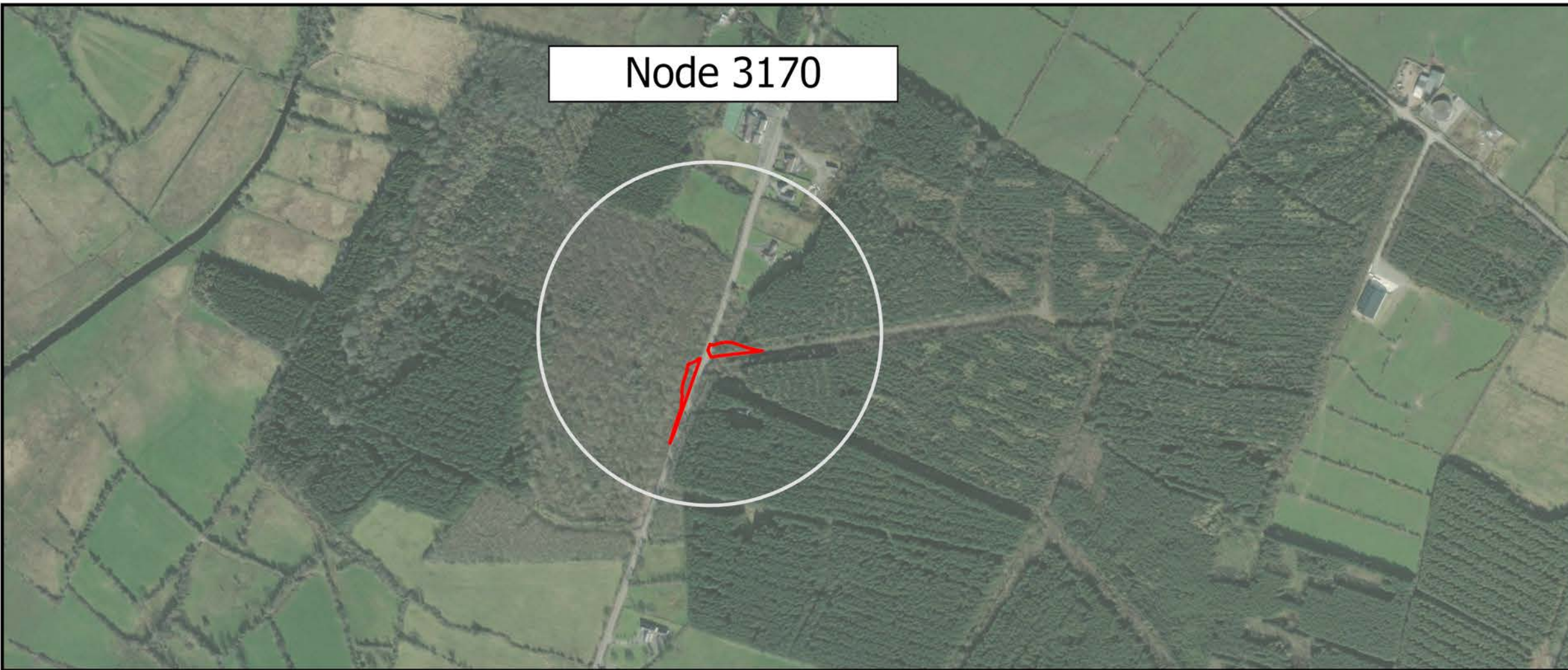
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Node 3155



Node 3165



Node 3170

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Figure: 6-5 TDR Survey Area (Map2)



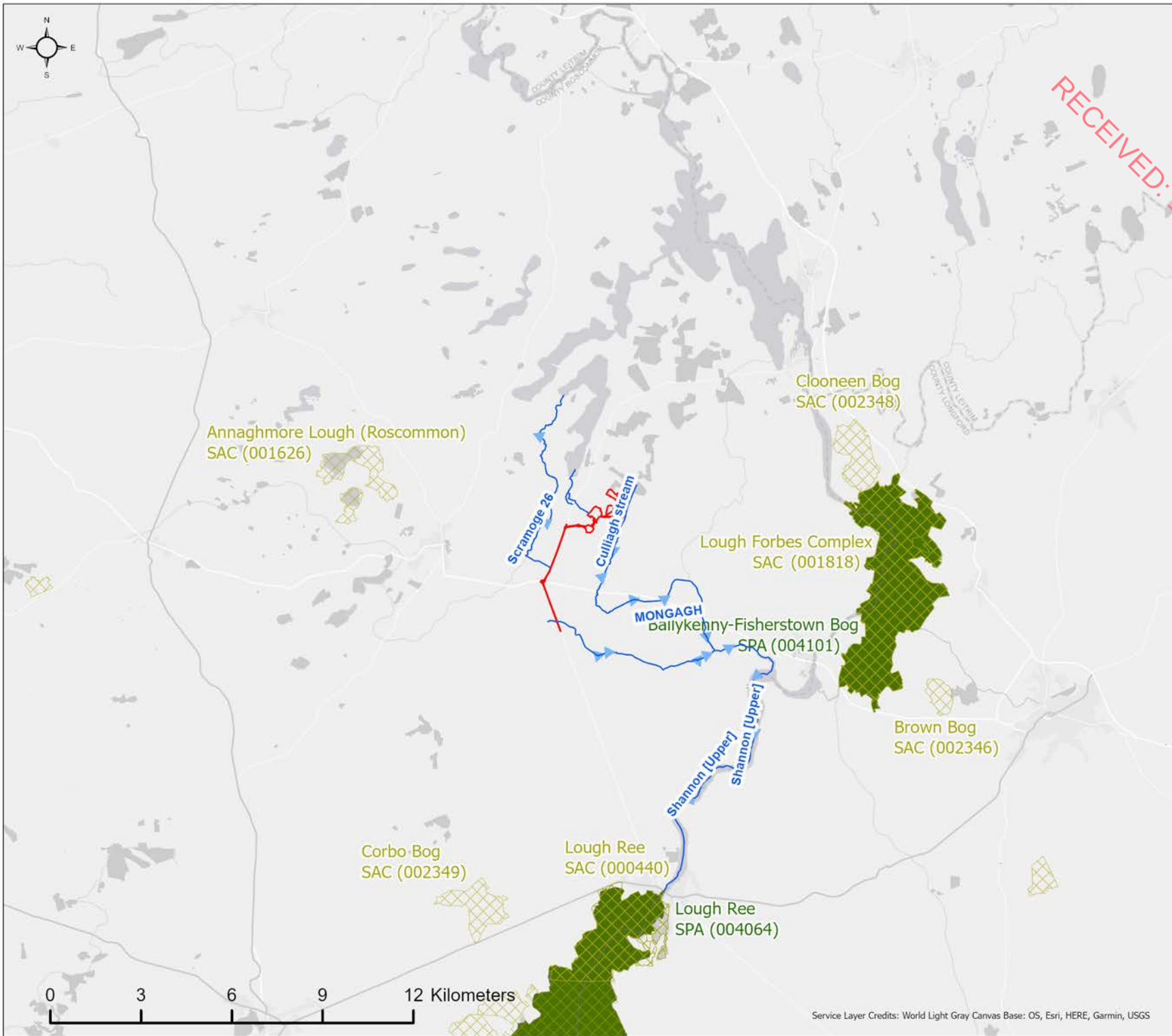
Legend:
 TDR Works Area
 TDR Survey Area

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 Ennis, Co. Clare
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 W: www.inisecology.com
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Figure: 6-6 European Designated Sites



Legend:

- River Network Routes
- Redline Boundary
- Special Area of Conservation*
- Special Protection Area*

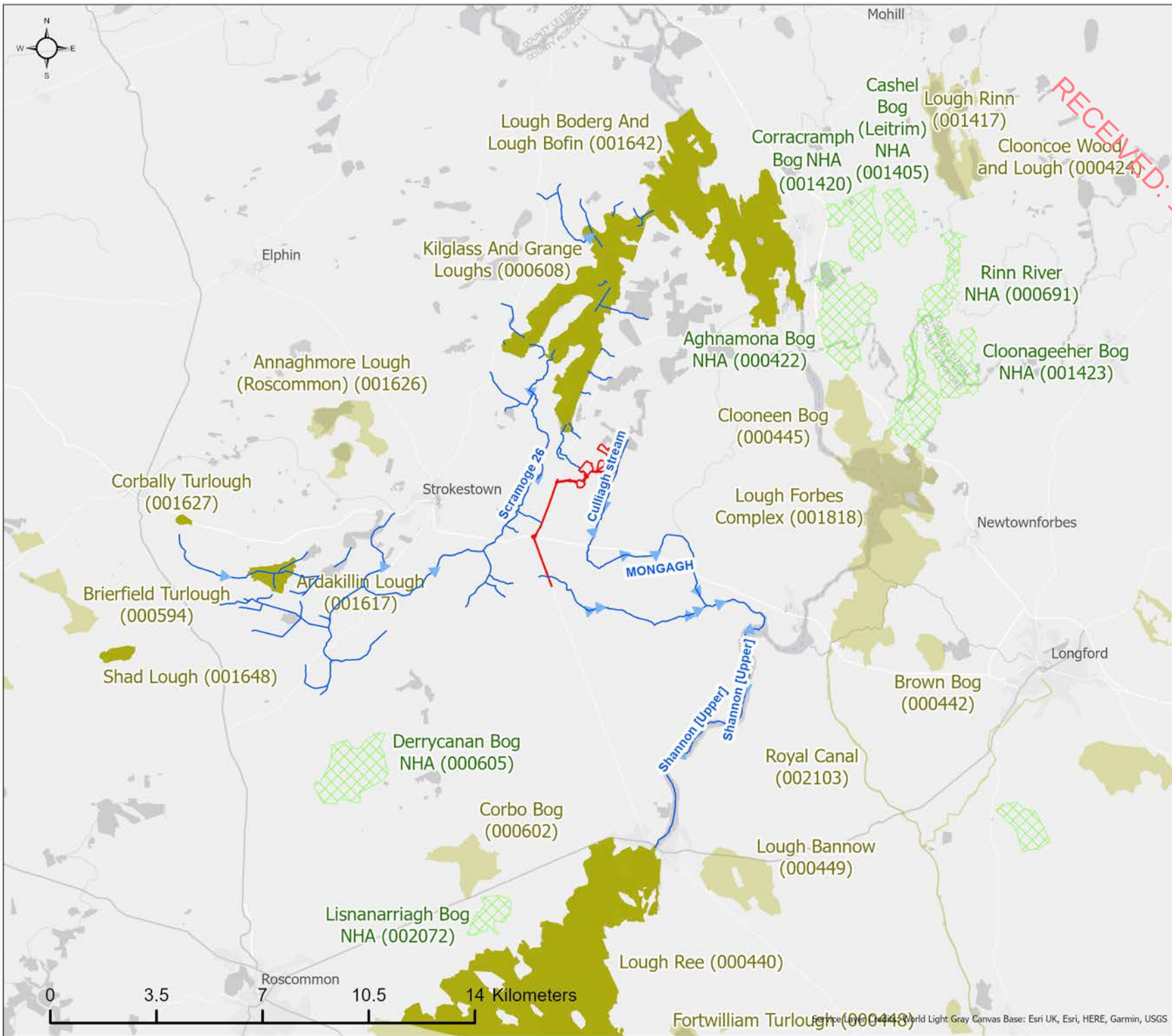
* NPWS (January 2024)
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Figure: 6-7 Nationally Designated Sites



Legend:

- River Network Routes
- Redline Boundary
- Proposed Natural Heritage Area**
- ▨ Natural Heritage Area*

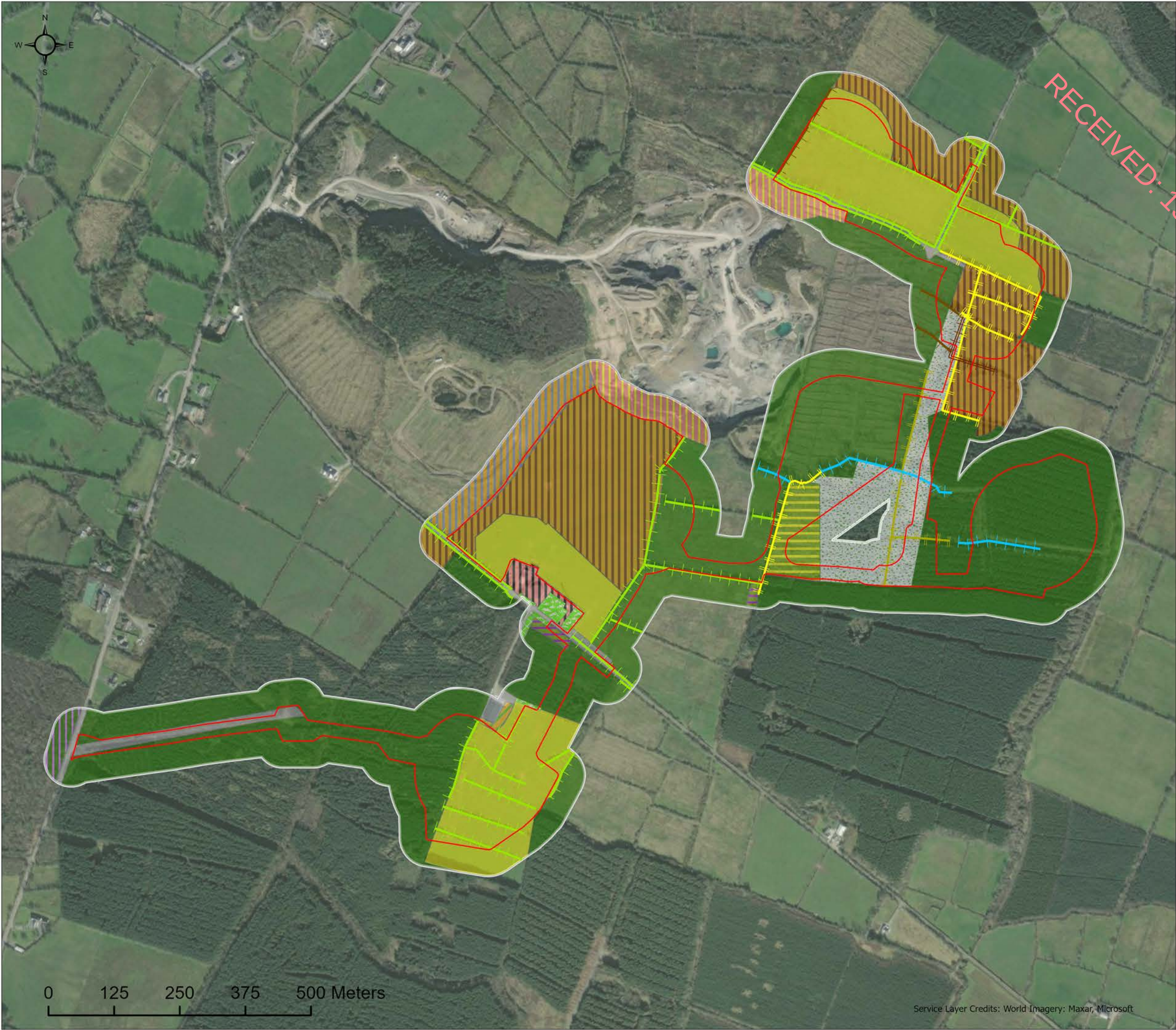
* NPWS (June 2019)
** NPWS (November 2015)
***EPA (Jan 2021)

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W: www.inisenv.ie
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Suite 16, Block A,
Clare Technology Park, Gort Road,
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Figure: 6-8 Habitats



Legend:

- Site Boundary
- Fossitt Code
- FW4 / WL1 Drainage ditches / Hedgerows
 - WL1 Hedgerows
 - WL1 / WL2 Hedgerows / Treelines
 - WL1 / WL2 / FW4 Hedgerows / Treelines / Drainage ditches
 - WL2 Treelines
 - WL2 / FW1 Treelines / Eroding/upland rivers
 - BL3 Buildings and artificial surfaces
 - BL3 / ED2 / ED3 Buildings and artificial surfaces / Spoil and bare ground / Recolonising bare ground
 - ED4 Active quarries and mines
 - GA1 Improved agricultural grassland
 - GA1 / GS4 Improved agricultural grassland / Wet grassland
 - GS2 Dry meadows and grassy verges
 - GS4 Wet grassland
 - WD1 Mixed broadleaved woodland
 - WD4 Conifer plantation
 - WN2 Oak-ash-hazel woodland
 - WN6 Wet willow-alder-ash woodland
 - WS1 Scrub
 - WS1 / WN6 Scrub / Wet willow-alder-ash woodland
 - WS5 Recently-felled woodland
 - Habitats Study Area

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Ennis, Co. Clare

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Figure 6-9: Habitat Baseline for Grid Connection



Legend:

Fossitt Code

- FW4 Drainage ditches
- WL1 Hedgerows
- WL2 Treelines
- BL3 Buildings and artificial surfaces
- FL8 Other artificial lakes and ponds
- FW1 Eroding/upland rivers
- GA1 Improved agricultural grassland
- GA2 Amenity grassland
- GS2 Dry meadows and grassy verges
- GS4 Wet grassland
- WD1 Mixed broadleaved woodland
- WD4 Conifer plantation
- WS1 Scrub
- Grid Connection Boundary
- GC Survey Area

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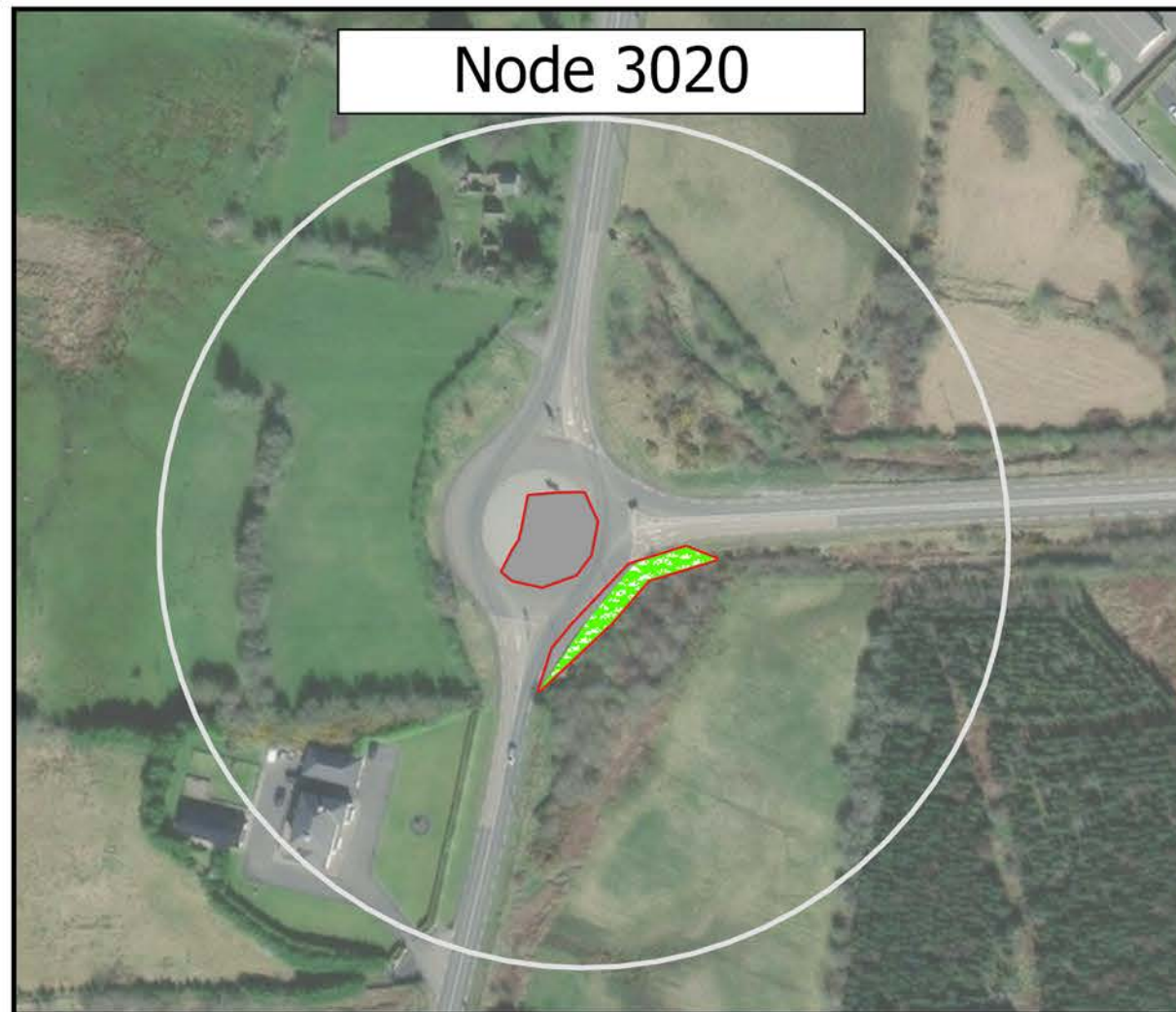
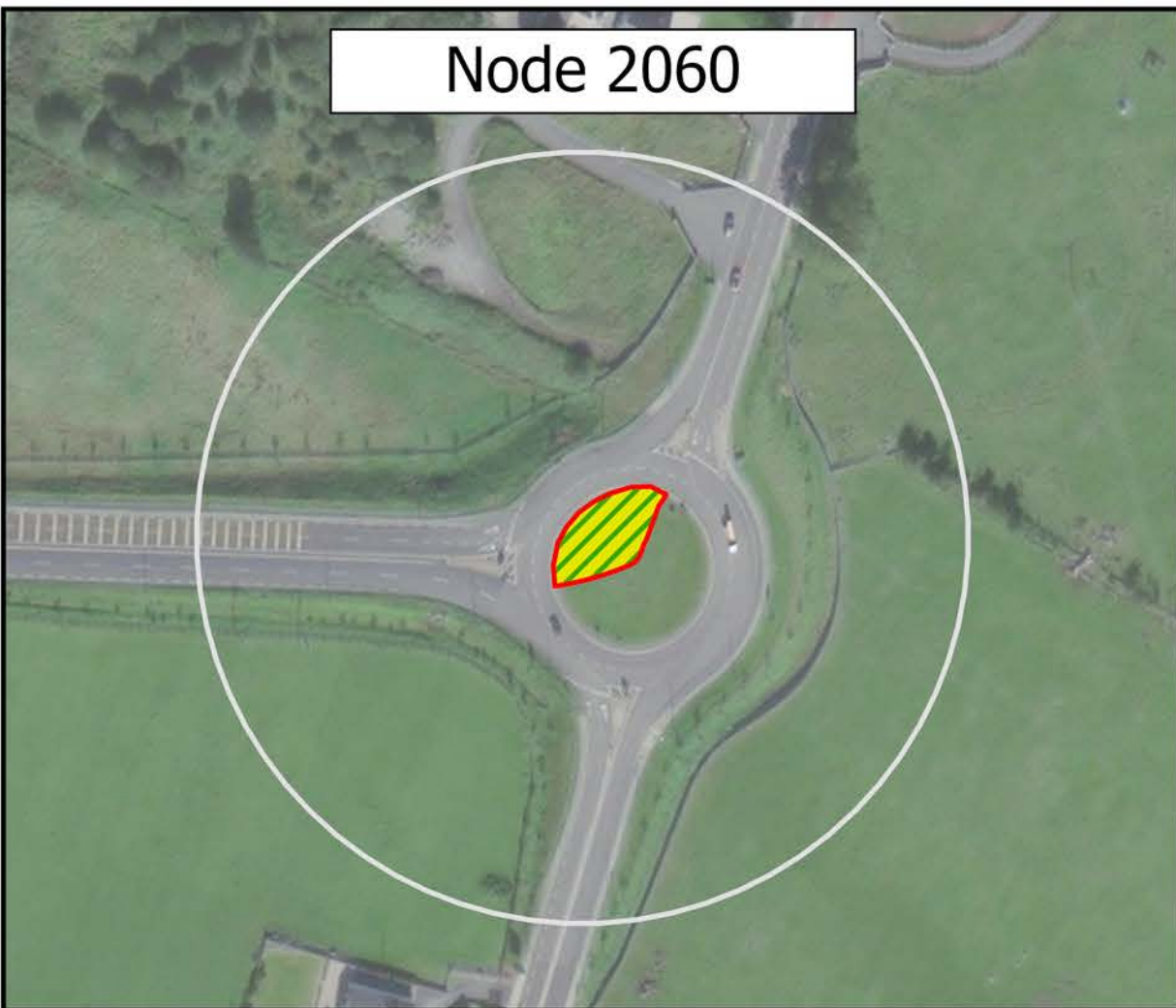
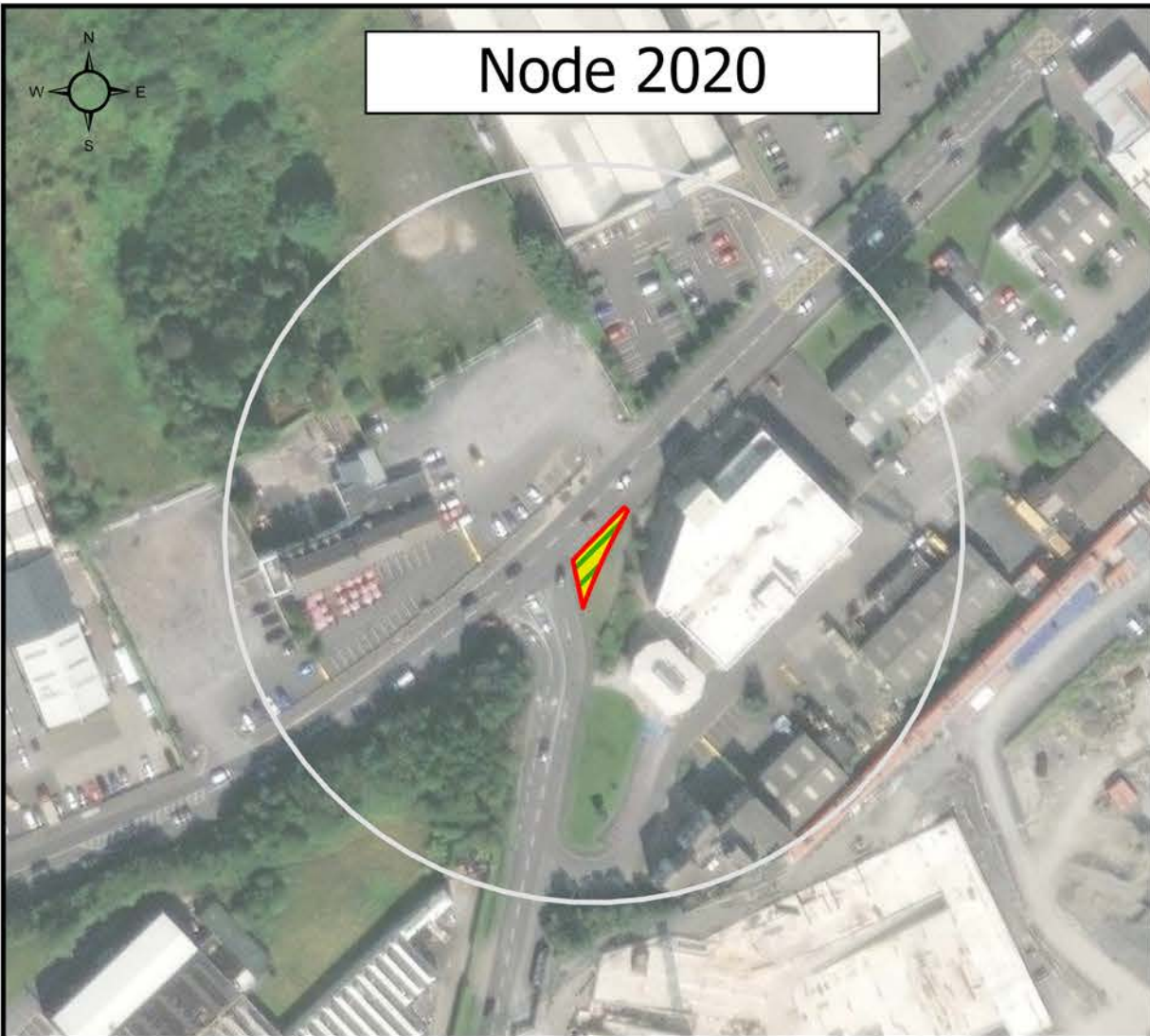
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Figure 6-10: Habitat Baseline and Loss for TDR (Map1)



Legend:

Fossitt Code

- BL3 Buildings and other artificial surfaces
- WS1 Scrub
- GS2 Dry meadows and grassy verges
- GA2 Amenity grassland
- TDR Works Area
- TDR Survey Area

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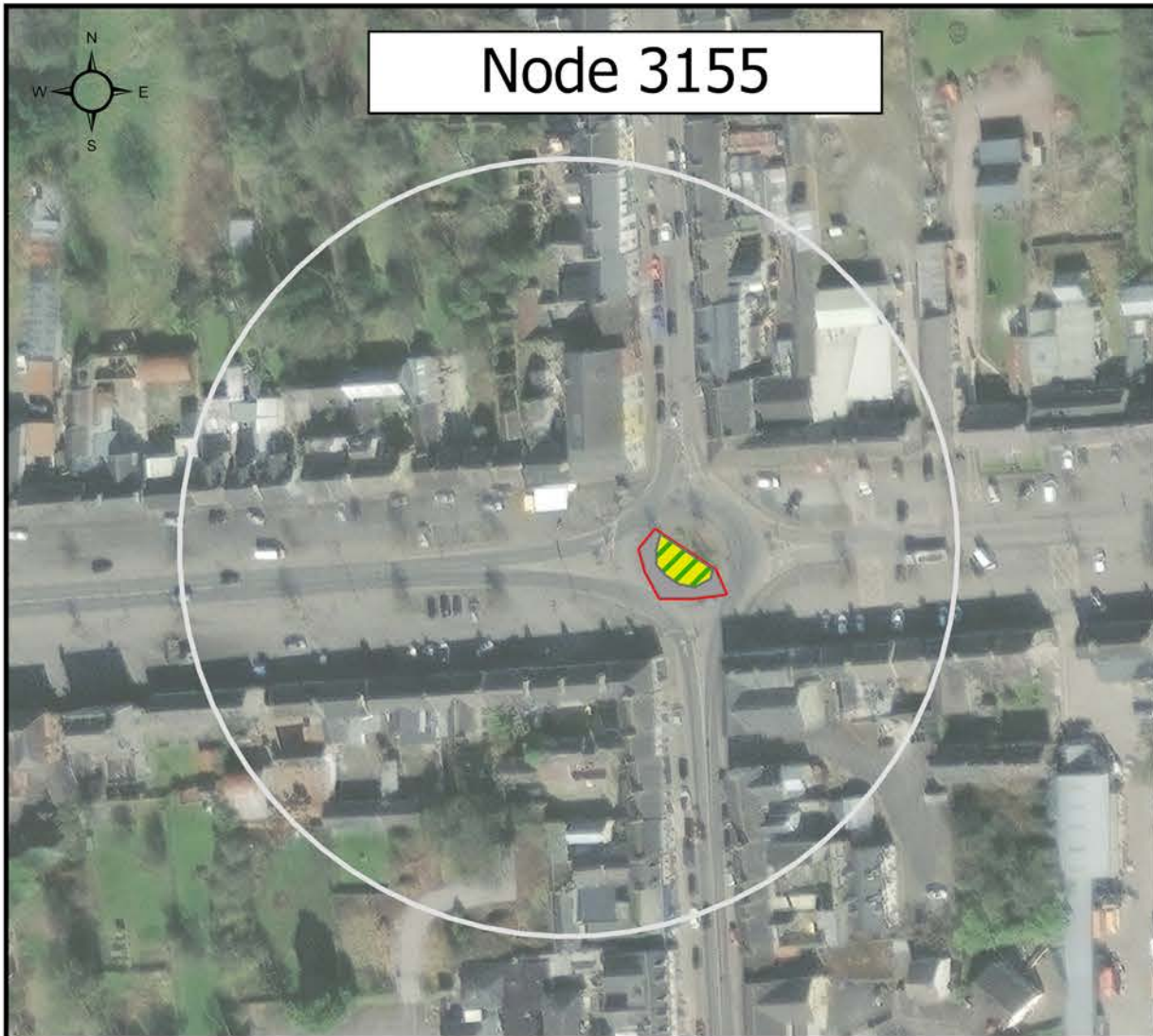
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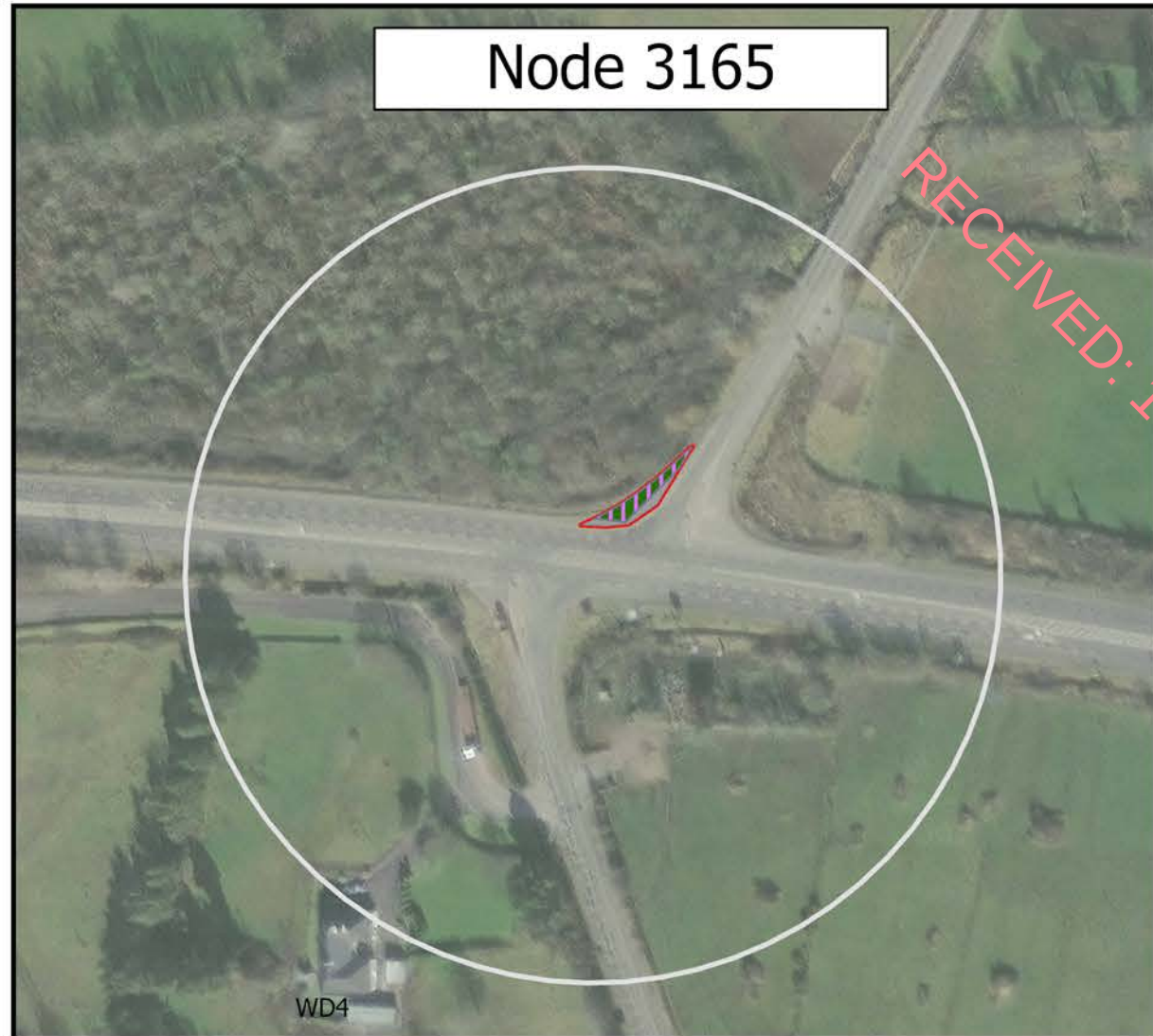
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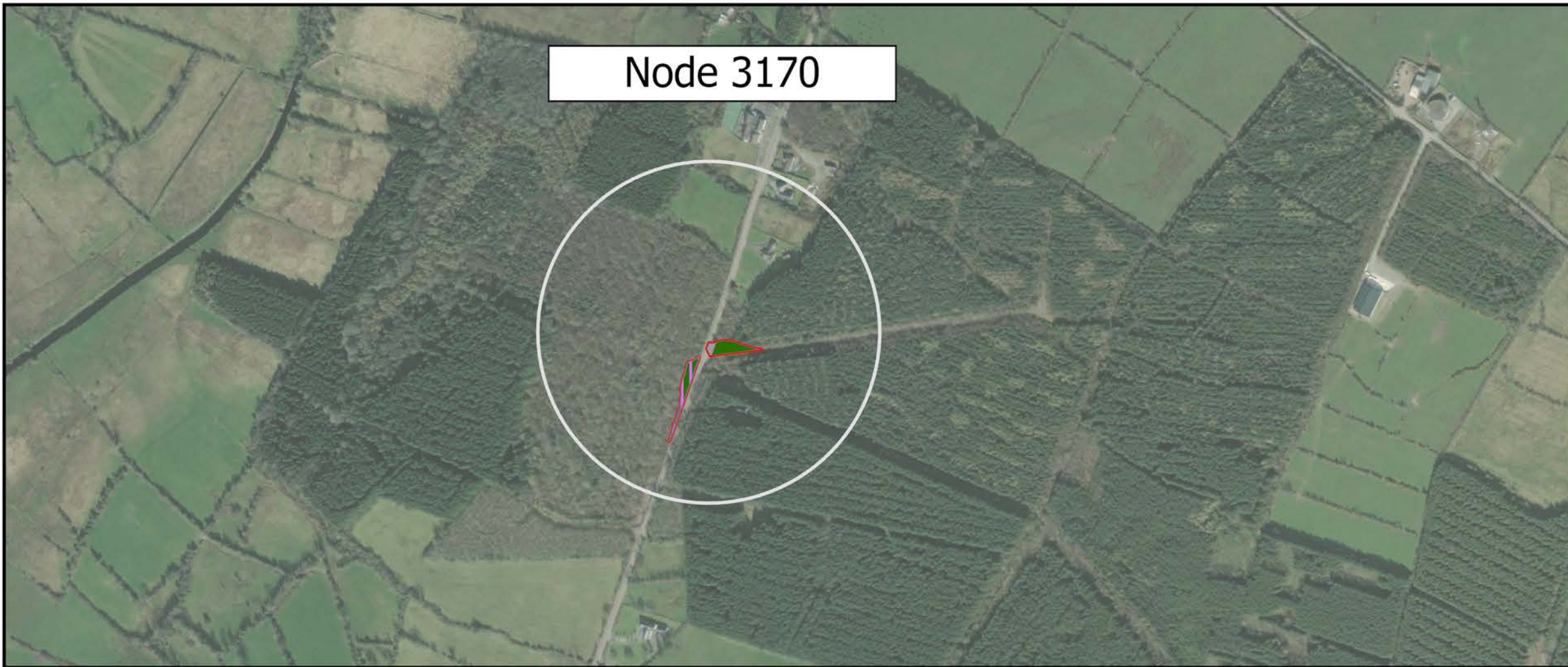
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Node 3165



Node 3170

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Figure 6-11: Habitat Baseline and Loss for TDR (Map2)



Legend:

Fossitt Code

- BL3 Buildings and other artificial surfaces
- GA2 Amenity grassland
- GS2 Dry meadows and grassy verges
- WD1 Mixed broadleaved woodland
- WS1 Scrub
- TDR Works Area
- TDR Survey Area

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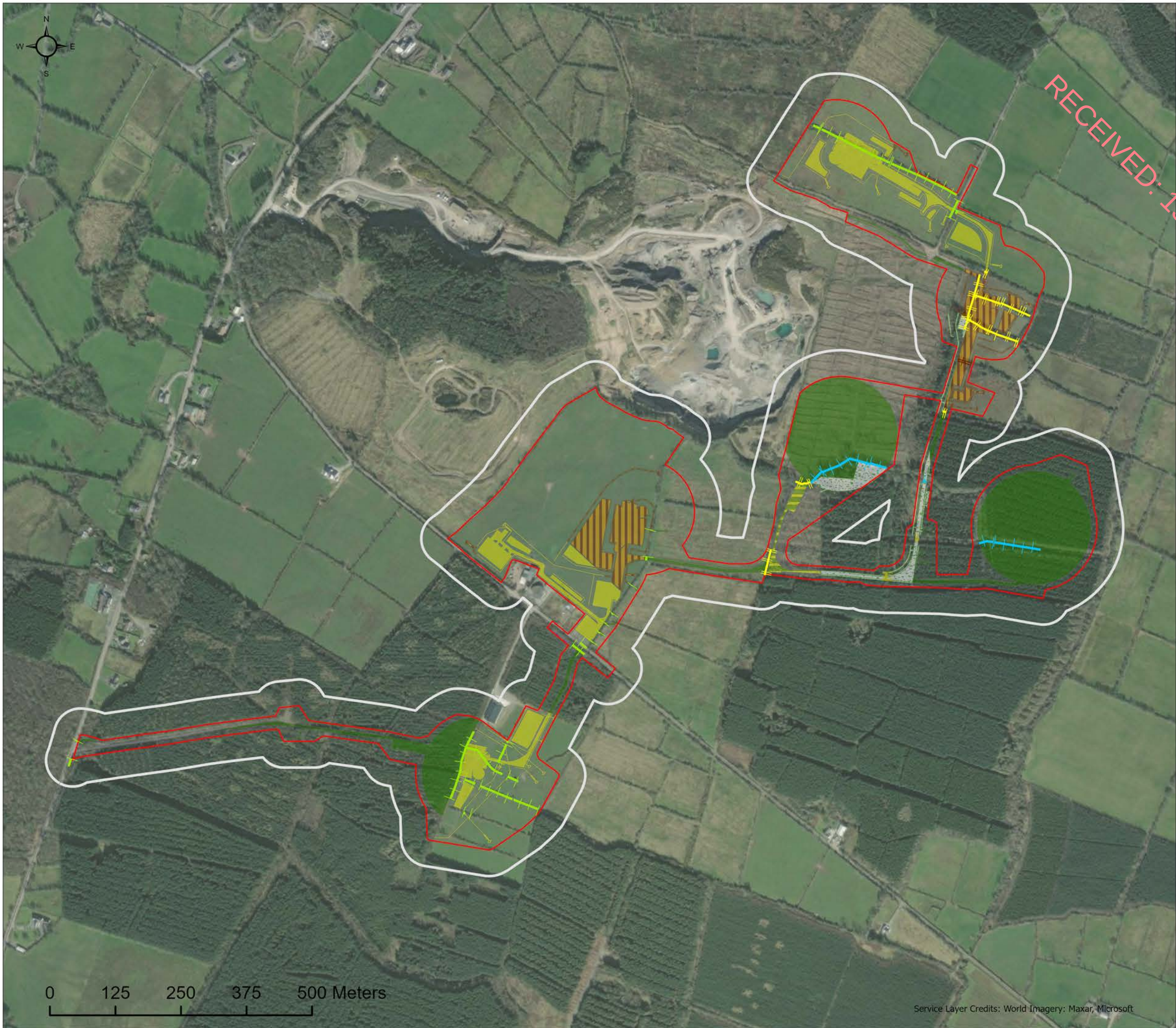
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Suite 16, Block A,
Clare Technology Park, Gort Road,
Ennis, Co. Clare



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Figure 6-12: Projected Habitat Loss



Legend:

- Fossitt Code**
- FW4 / WL1 Drainage ditches / Hedgerows
 - WL1 Hedgerows
 - WL1 / WL2 Hedgerows / Treelines
 - WL1 / WL2 / FW4 Hedgerows / Treelines / Drainage ditches
 - WL2 Treelines
 - WL2 / FW1 Treelines / Eroding/upland rivers
 - BL3 Buildings and artificial surfaces
 - BL3 / ED2 / ED3 Buildings and artificial surfaces / Spoil and bare ground / Recolonising bare ground
 - ED4 Active quarries and mines
 - GA1 Improved agricultural grassland
 - GA1 / GS4 Improved agricultural grassland / Wet grassland
 - GS2 Dry meadows and grassy verges
 - GS4 Wet grassland
 - WD1 Mixed broadleaved woodland
 - WD4 Conifer plantation
 - WN2 Oak-ash-hazel woodland
 - WN6 Wet willow-alder-ash woodland
 - WS1 Scrub
 - WS1 / WN6 Scrub / Wet willow-alder-ash woodland
 - WS5 Recently-felled woodland
 - Habitats Study Area
 - Site Boundary

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Figure 6-13: Proposed linear habitat enhancement and replanting areas for Project Option 1, 2, 3.



- Legend:
- Proposed Turbine Locations
- Habitat
- Hedgerow Enhancement
 - Hedgerow Planting
 - Shelter Belt
 - Redline Boundary

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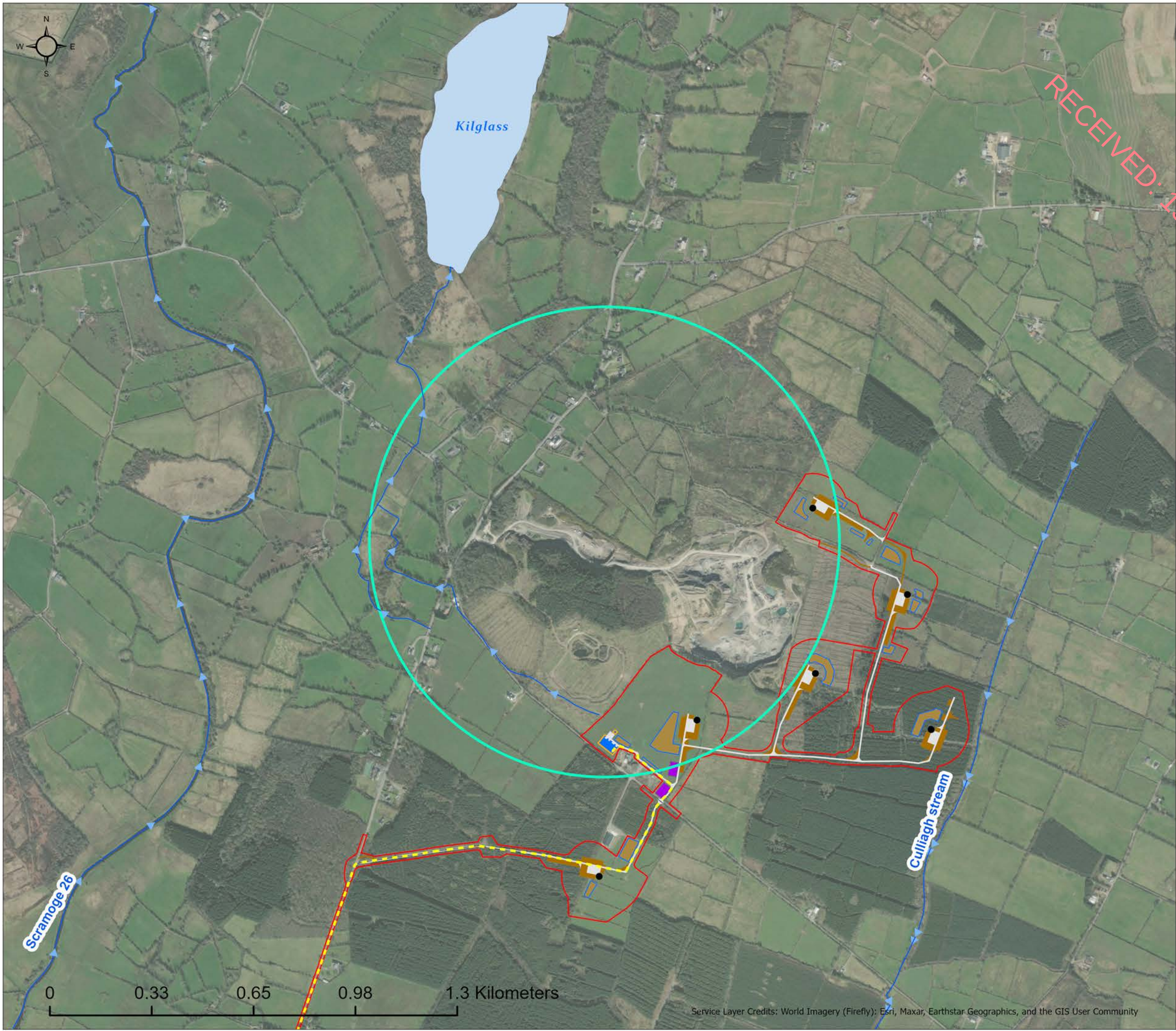
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Figure 6-14: 750m works buffer for Peregrine



Legend:

- River Network Routes
- - - Grid Connection Route
- Lake Waterbodies
- Peregrine Nest 750m Buffer
- Redline Boundary
- Proposed Turbine Layout
- Proposed Access Track and Hardstand Areas
- Spoil Depository
- Substation Lidar & Tower
- Temporary Access Track and Hardstand Area
- Temporary Construction Areas

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