

Cloich Forest Wind Farm

Volume 2a – Figures excluding LVIA

June 2021

An ERM Group Company

CLOICH FOREST WIND FARM

EIA Report – Volume 2a – Figures Excluding LVIA

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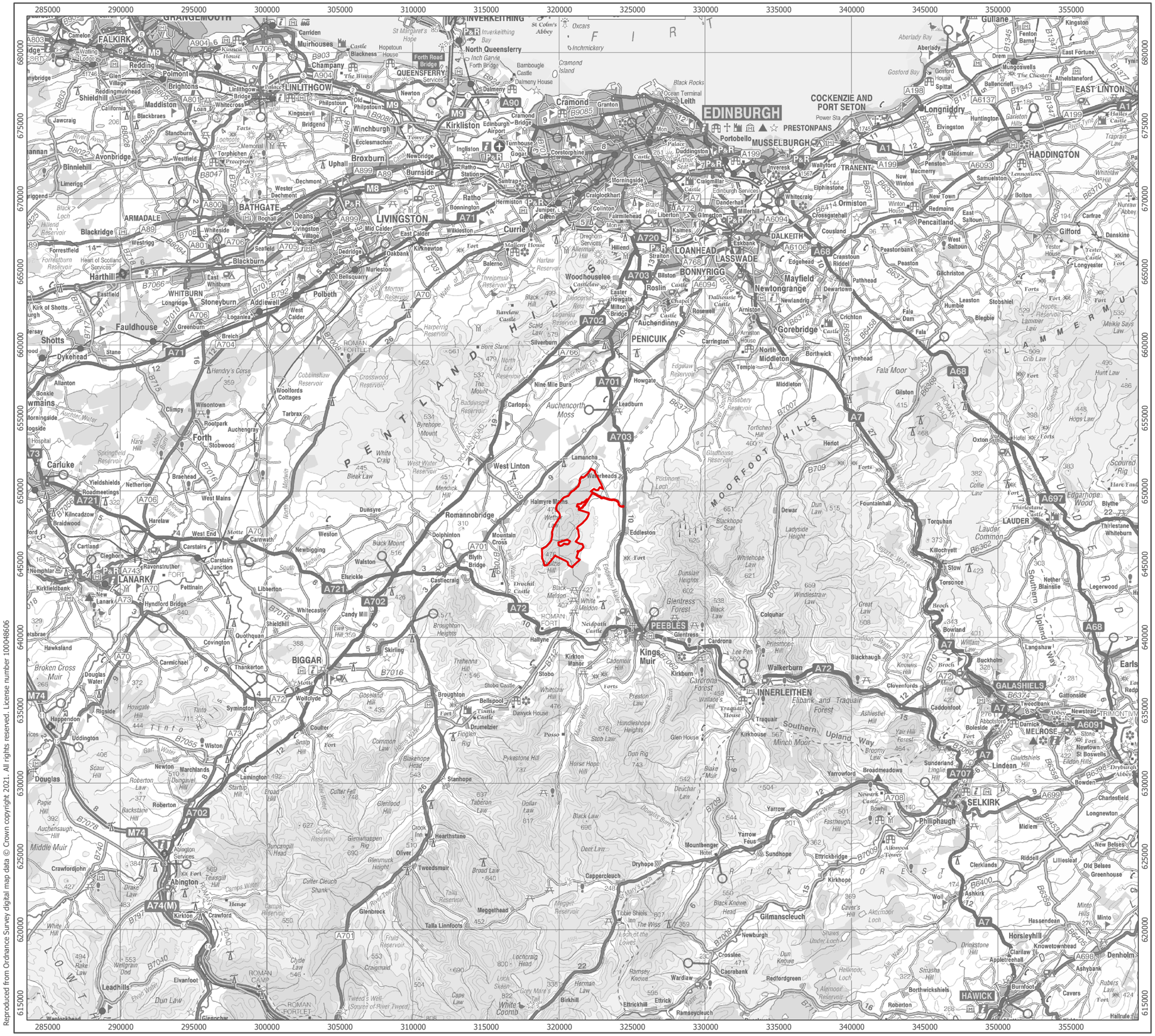
EDF renewables

ARCUS



1:250,000 Scale @ A3

0 5 10 km

NORTH

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Site Location
Figure 1.1

Cloich Forest Wind Farm
EIA Report

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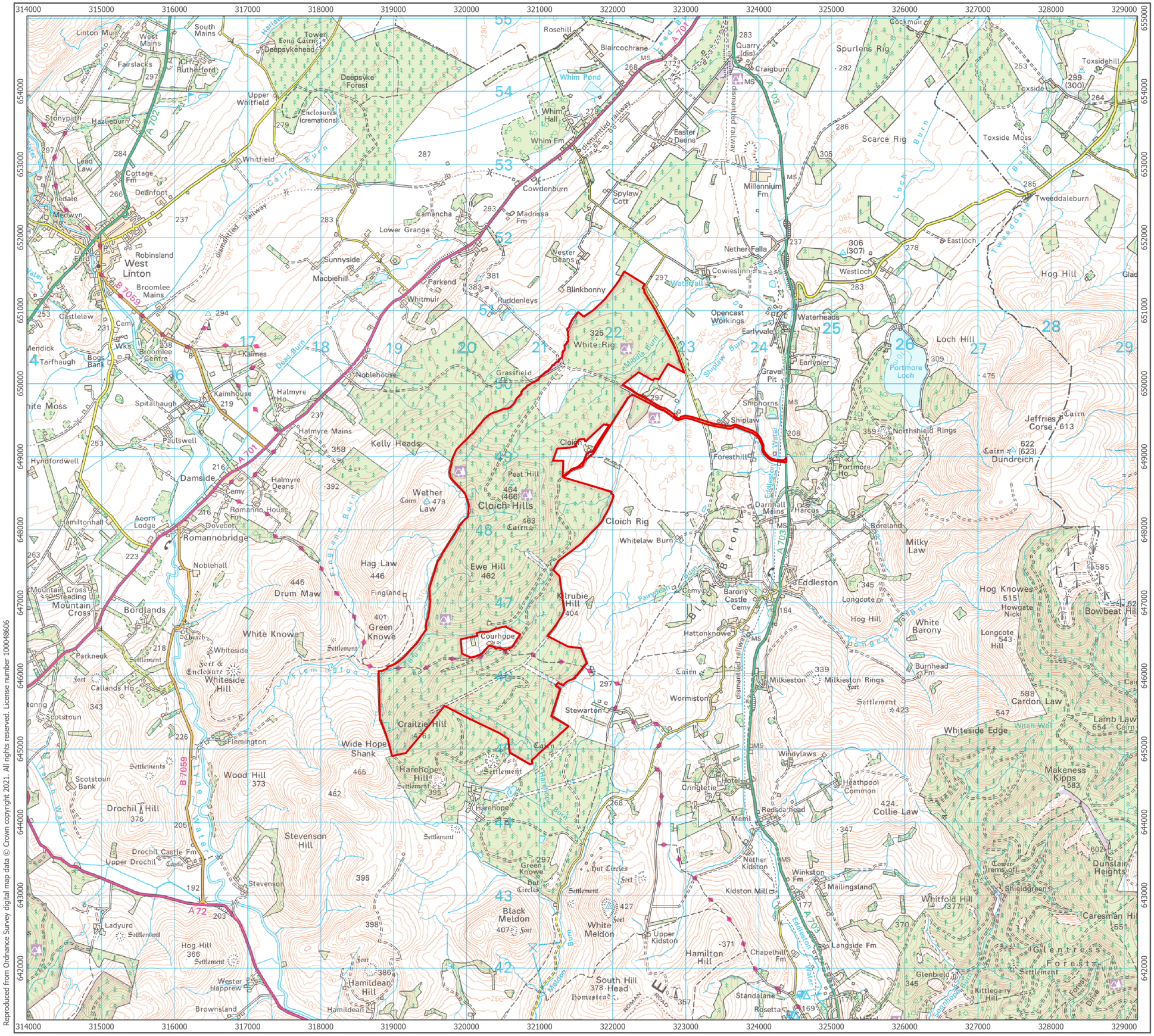
P:\Projects\Environment\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-074 Fig1.1 Site Location



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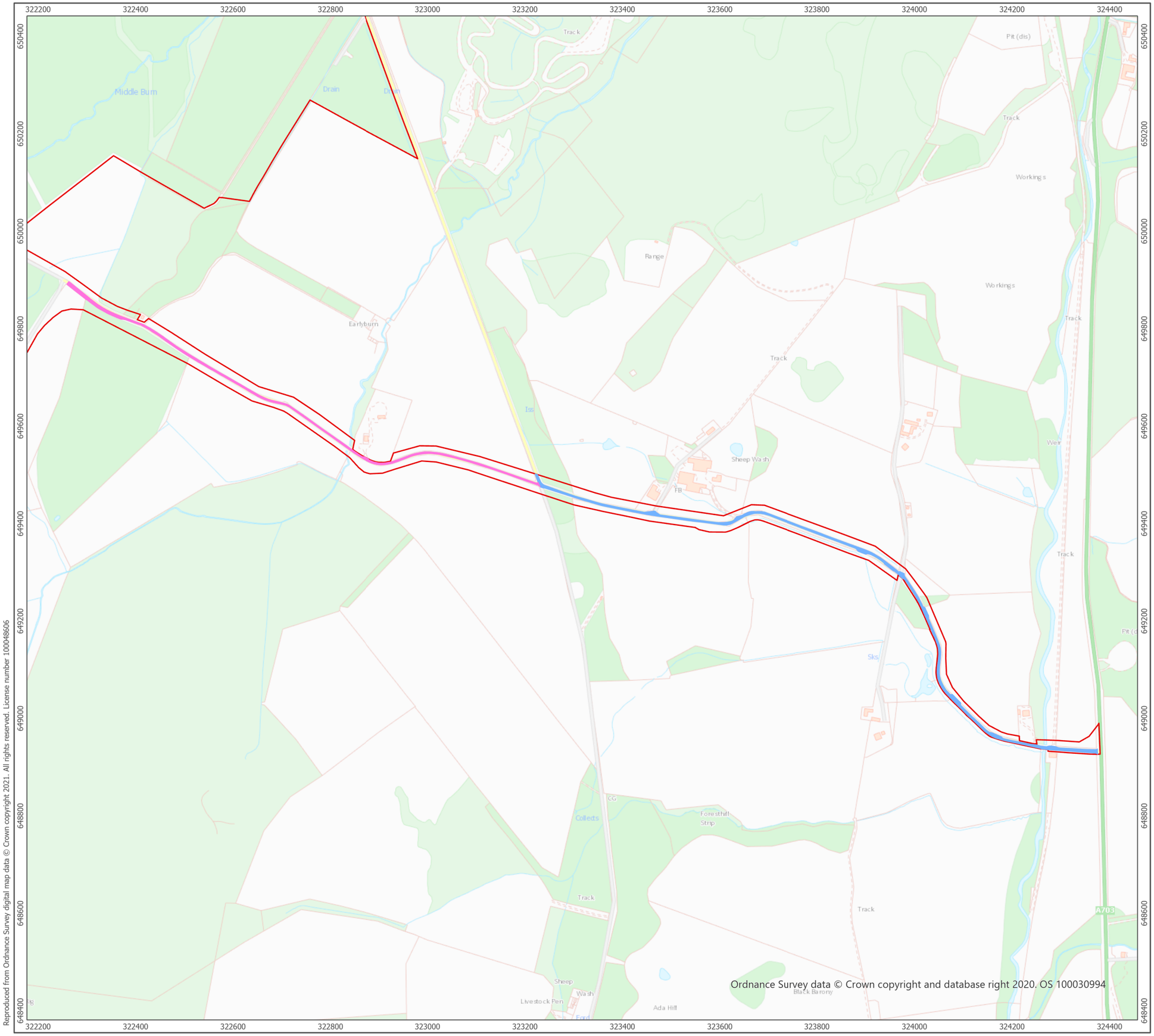
P:\Projects\Environment\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-075 Fig1.2 Site Boundary



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Site Boundary

Public Road

D17 Whim - Shiplaw

D18 Cloich

1:7,500 Scale @ A3

0 125 250 m

NORTH

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D17 and D18 Public Roads
Figure 1.3

Cloich Forest Wind Farm
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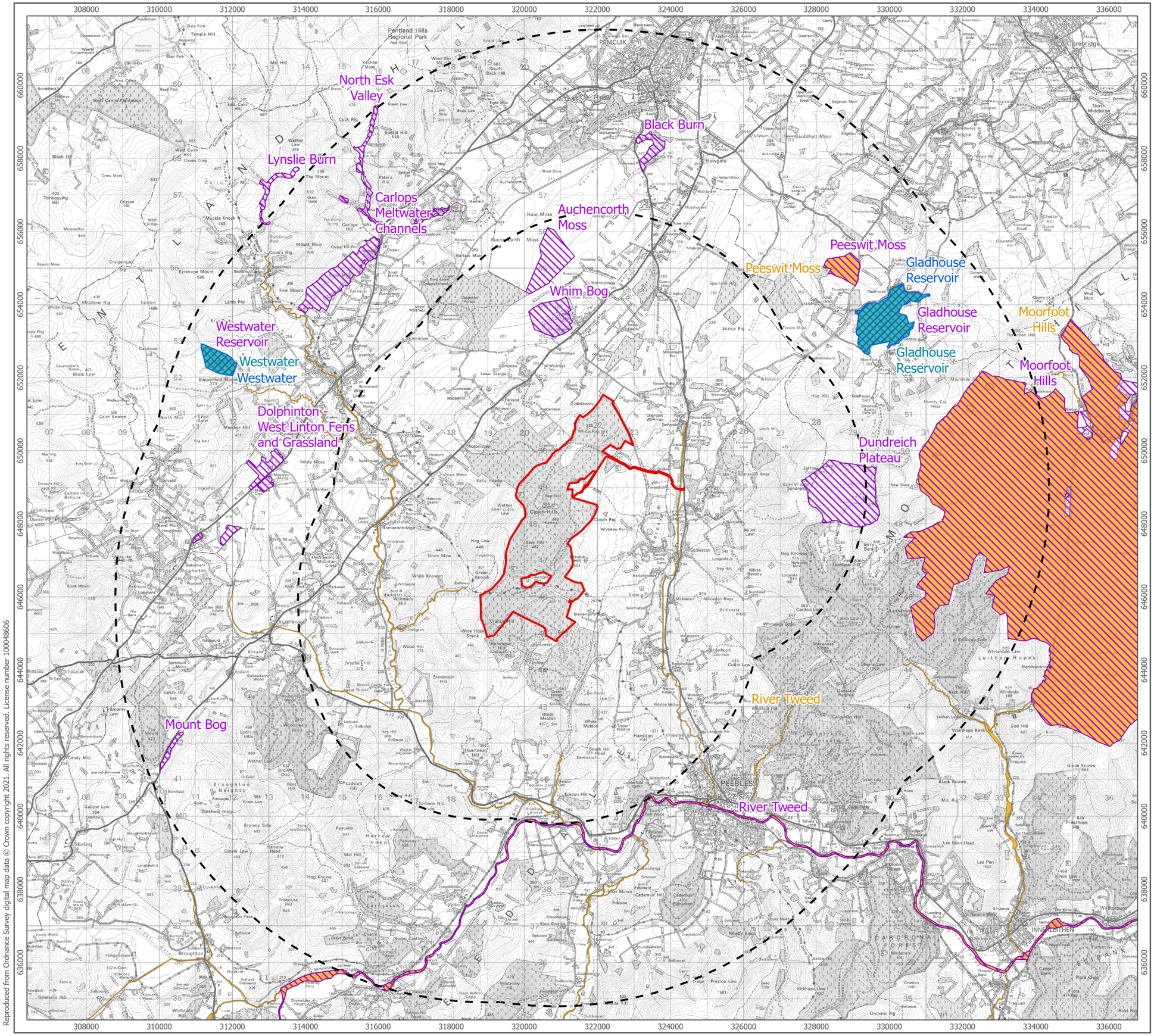
P:\Projects\Environment\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-097 Fig 1.3 D17 and D18 Public Roads



- Site Boundary
- 10 km Buffer of Site Boundary
- Ramsar
- Special Protection Areas selection
- Sites of Special Scientific Interest (SSSI)
- Special Areas of Conservation (SAC)

1:100,000 Scale @ A3

0 1 2 km

NORTH

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Ecological Designations
Figure 2.1

Cloich Forest Wind Farm
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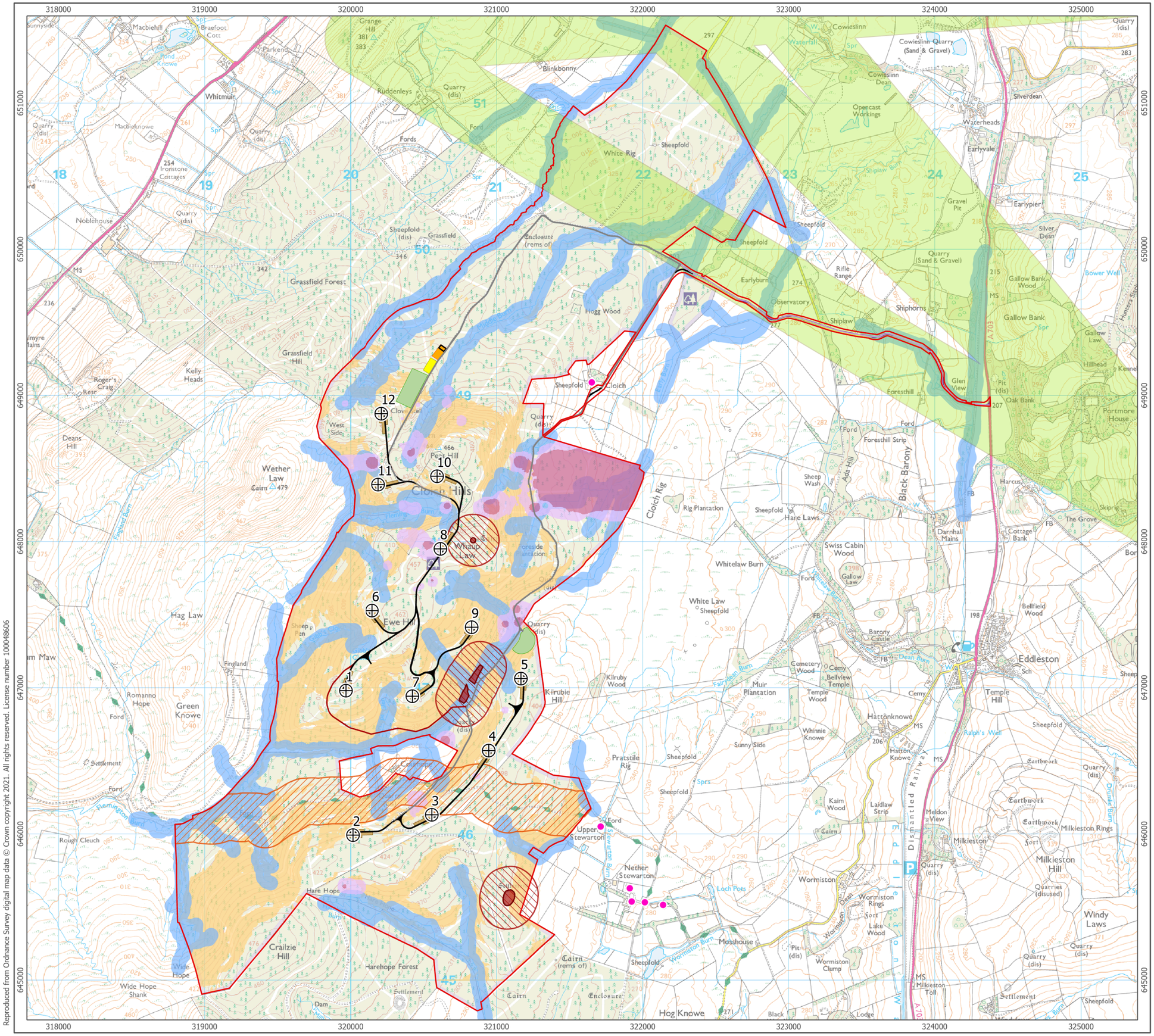
P:\Projects\Environment\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-077 Fig 2.1 Ecological Designations



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P:\Projects\Environment\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-078 Fig 2.2 Main On-Site Constraints

eDF renewables

ARCUS

- Site Boundary
- Proposed Turbine Location
- Residential Property
- Scheduled Monument
- 50 m Watercourse Buffer
- 160 m Buffer of Cross Borders Drove Road section which passes through the Site Boundary
- 160 m Buffer of Scheduled Monument
- 250 m Buffer of Telecommunication Link
- Slopes > 20%

Peat Depth

- 0.5 m - 1.0 m
- 1.1 m - 4.5 m

Site Infrastructure

- Borrow Pit
- Construction Compound
- Crane Hardstanding
- BESS Location
- Substation Compound
- New Access Track (Construction Traffic Only)
- New Access Track
- Existing Track (Subject to Localised Upgrades)
- Public Road
- Public Road Widening Works

1:25,000 Scale @ A3

0 0.5 1 km

NORTH

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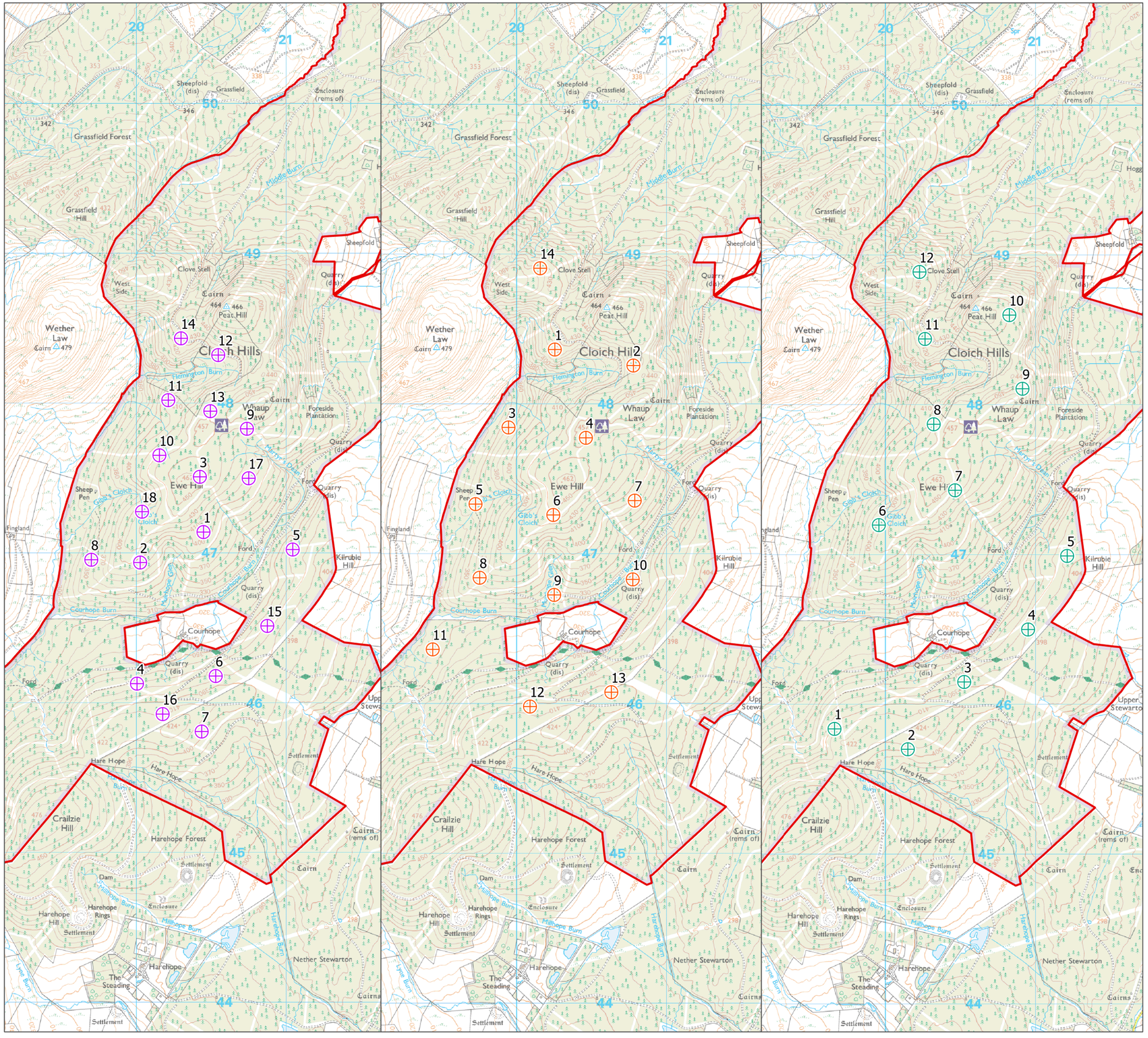
Checked By: SC	Date: 09/06/2021

Main On-Site Constraints
Figure 2.2

Cloich Forest Wind Farm EIA Report



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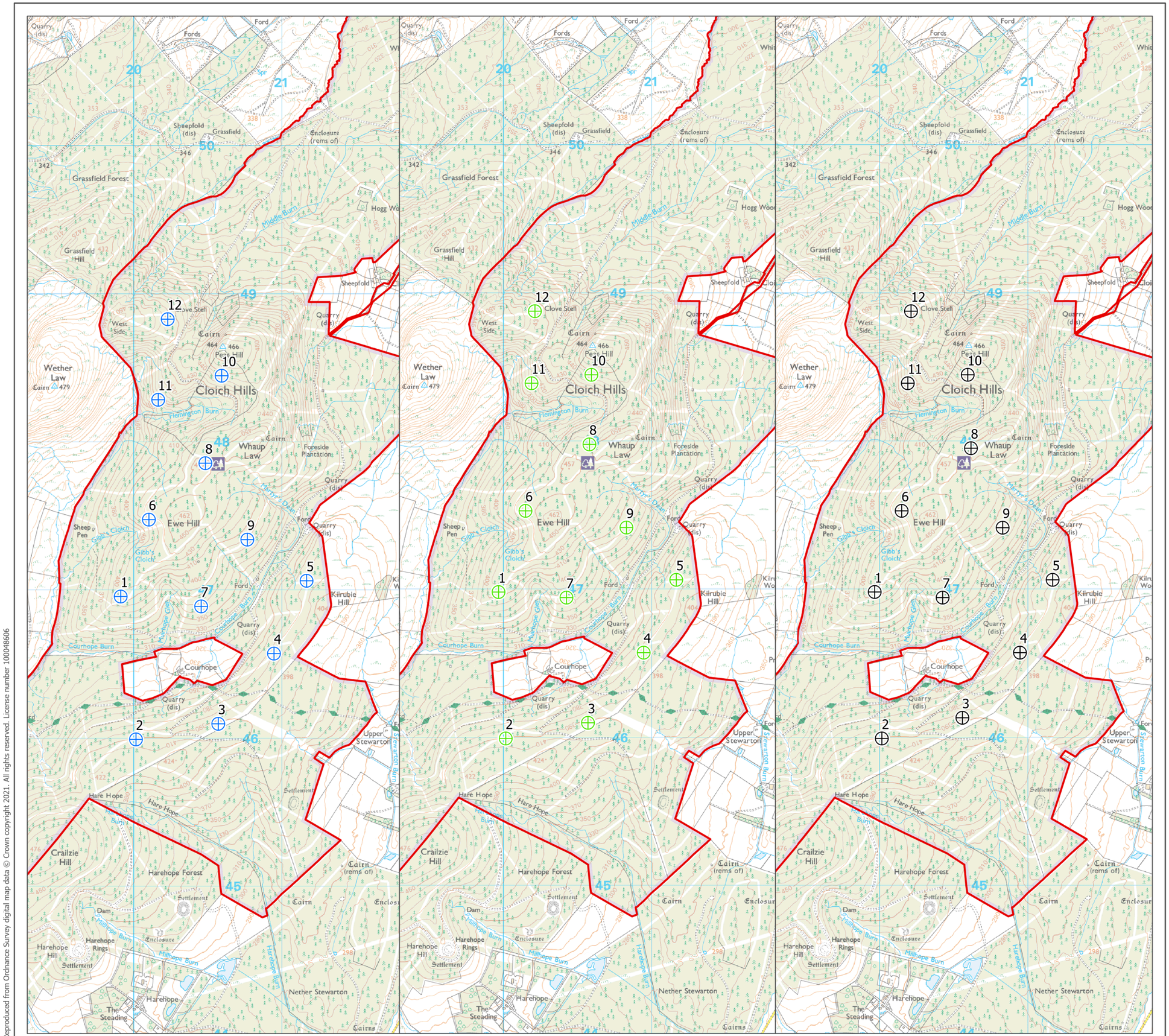
P:\Projects\Environment\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-063 Fig2.3a Site Design Evolution



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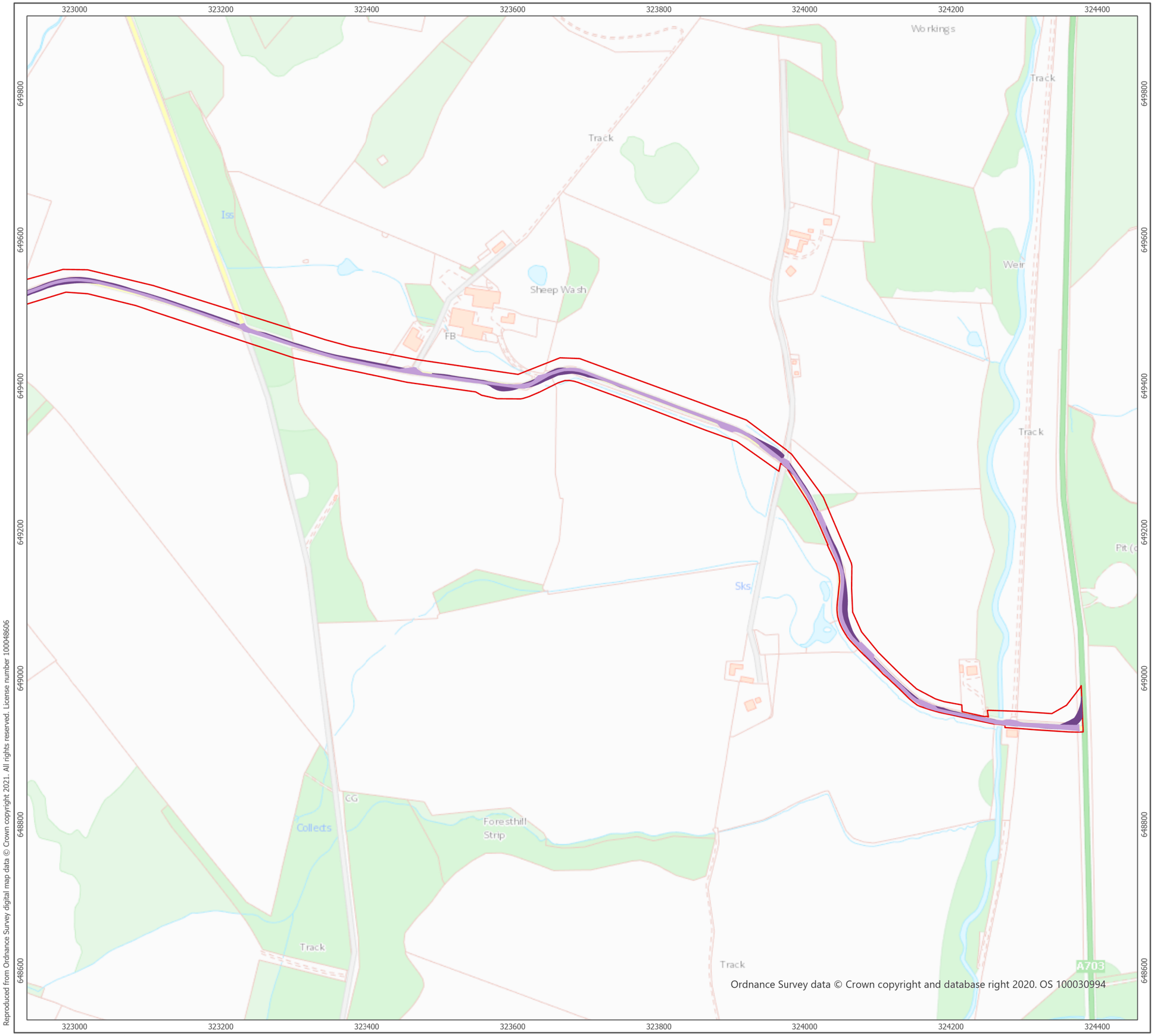
P:\Projects\Environment\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-065 Fig2.3b Site Design Evolution



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Site Boundary

Site Infrastructure

Public Road

Public Road Widening Works

1:5,000 Scale @ A3

0 100 200 m

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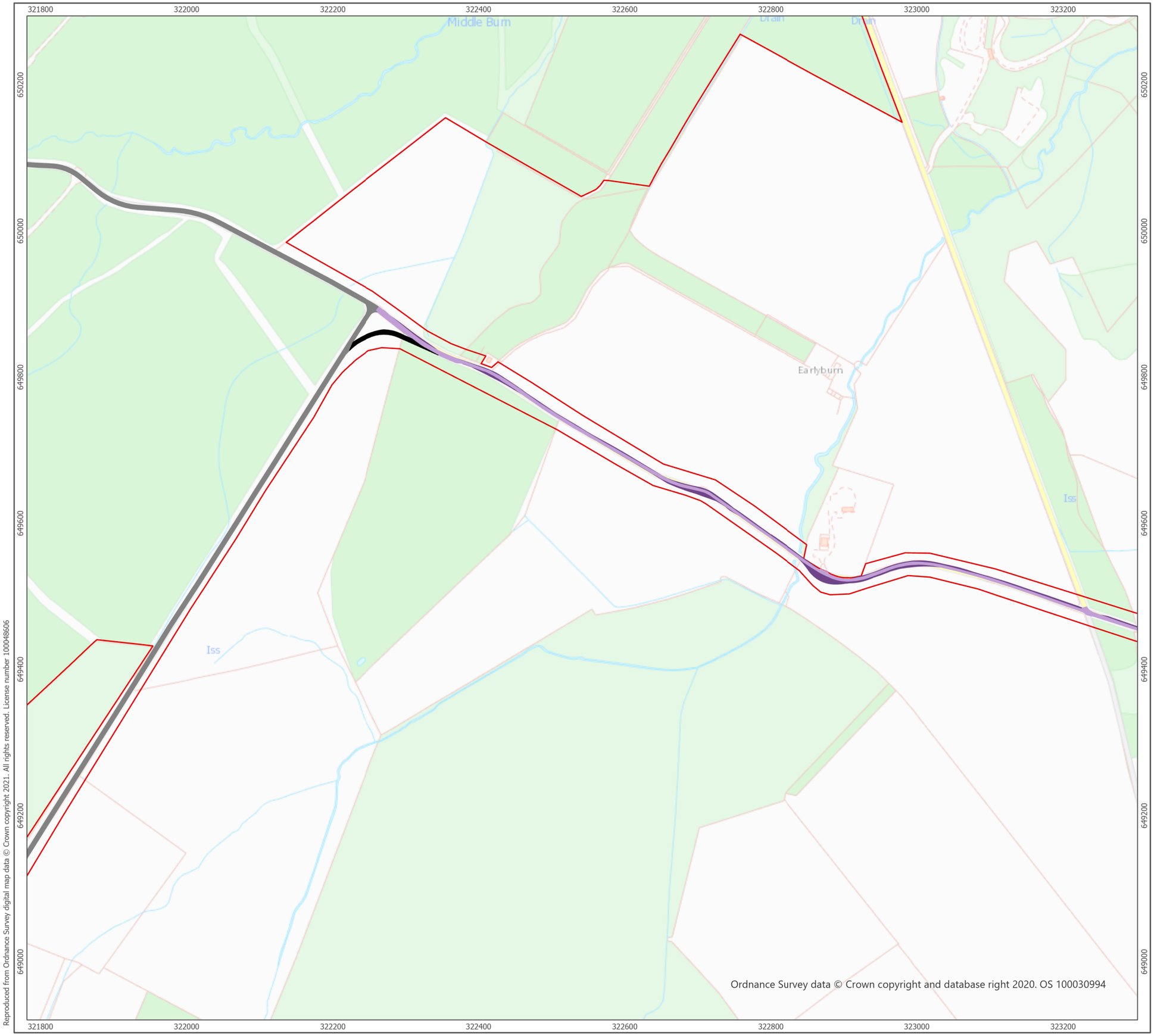
Detailed Development Site Layout
Figure 3.1a

Cloich Forest Wind Farm
EIA Report

P:\Projects\Environment\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-084 Fig 3.1 Detailed Development Site Layout



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Site Boundary

Site Infrastructure

- New Access Track
- Existing Track (Subject to Localised Upgrades)
- Public Road
- Public Road Widening Works

1:5,000 Scale @ A3

0 100 200 m

NORTH

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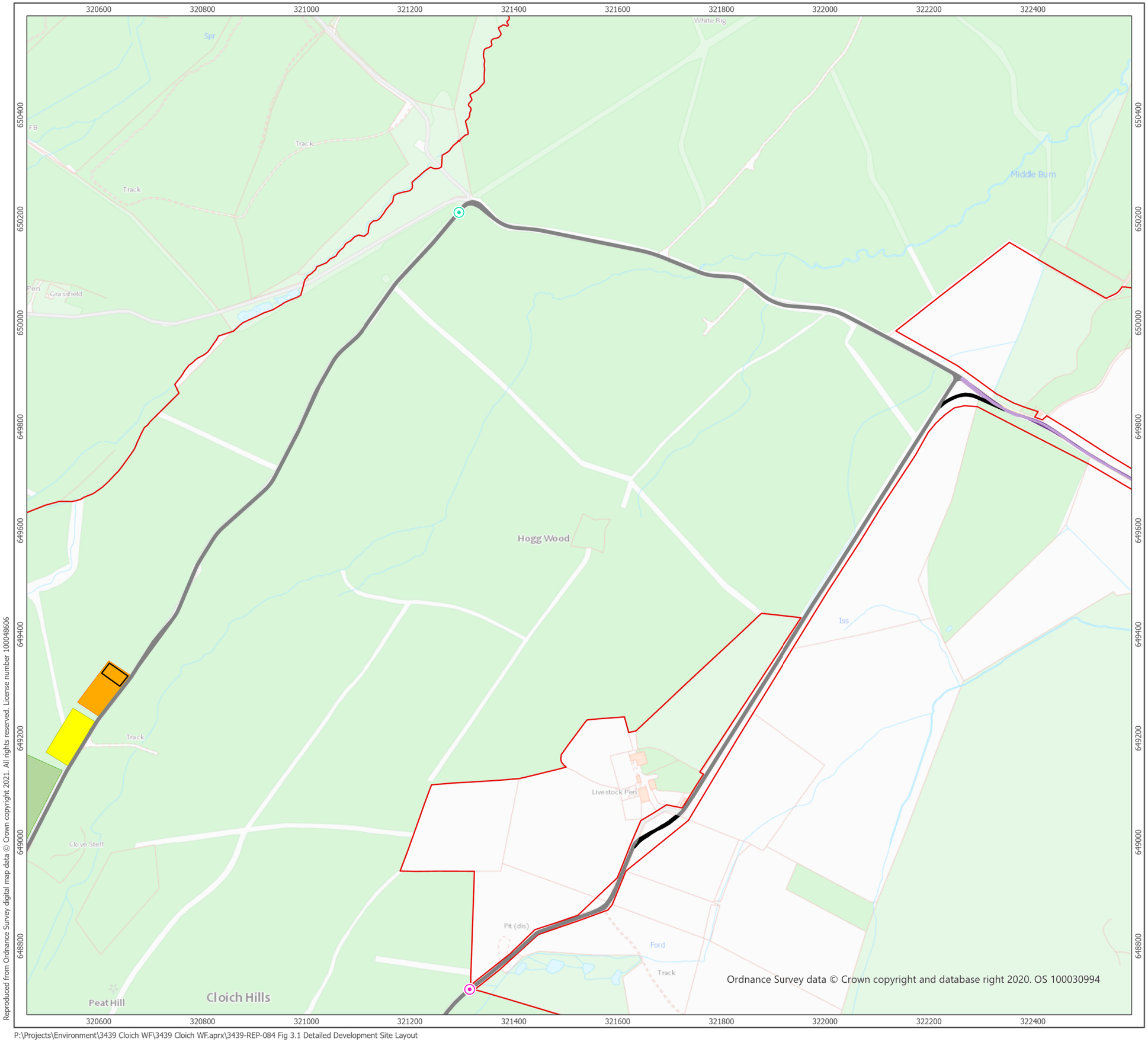
Detailed Development Site Layout
Figure 3.1b

Cloich Forest Wind Farm
EIA Report

P:\Projects\Environment\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-084 Fig 3.1 Detailed Development Site Layout



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Site Boundary
Site Entrance
Secondary Entrance

Site Infrastructure

- Borrow Pit
- Construction Compound
- BESS Location
- Substation Compound
- New Access Track
- Existing Track (Subject to Localised Upgrades)
- Public Road
- Public Road Widening Works

1:7,000 Scale @ A3

0 140 280 m

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Detailed Development Site Layout
Figure 3.1c

Cloich Forest Wind Farm
EIA Report

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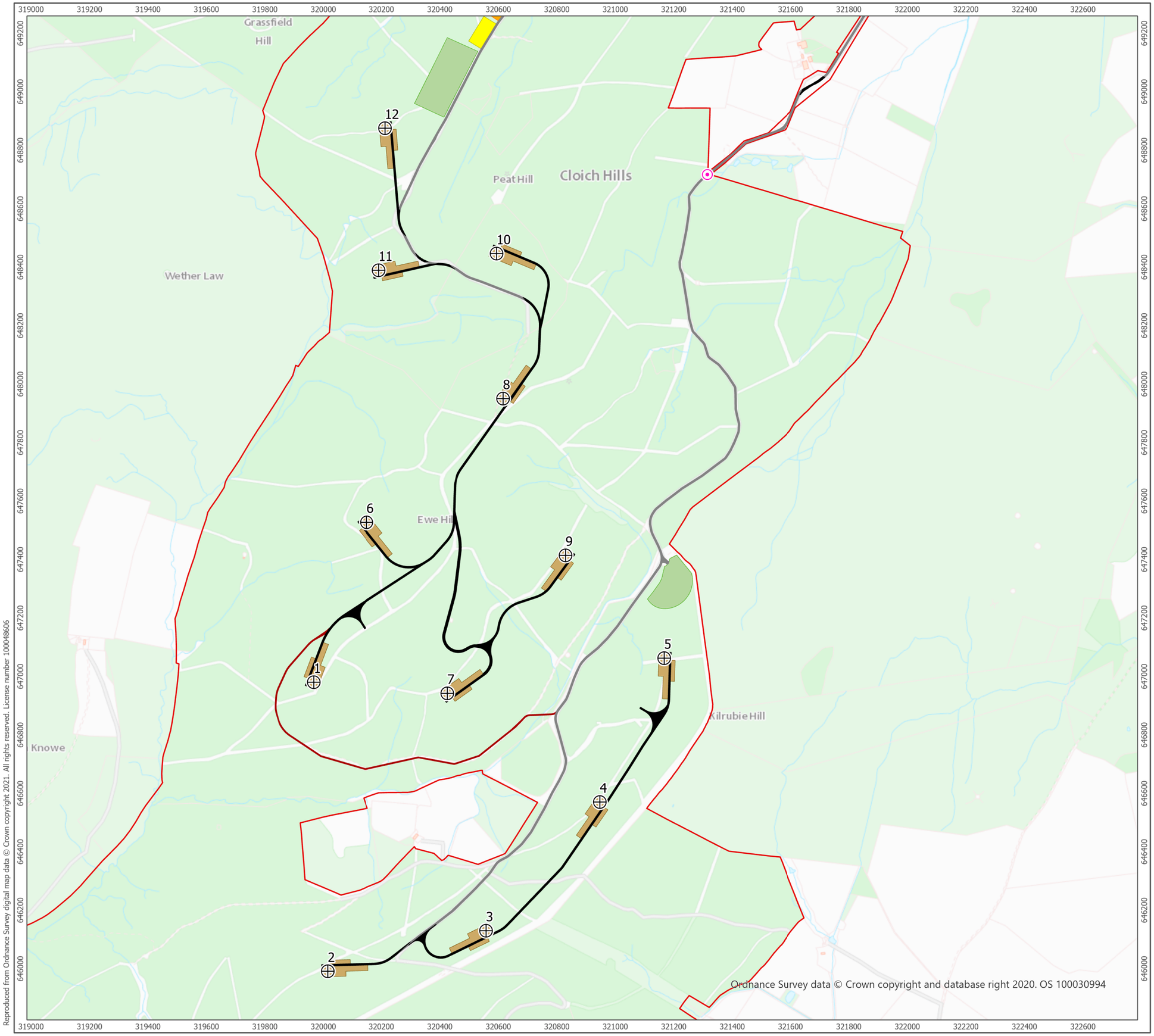

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P:\Projects\Environment\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-084 Fig 3.1 Detailed Development Site Layout

eDF renewables

ARCUS

- Site Boundary
- Proposed Turbine Location
- Secondary Entrance

Site Infrastructure

- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Substation Compound
- New Access Track (Construction Traffic Only)
- New Access Track
- Existing Track (Subject to Localised Upgrades)

1:12,500 Scale @ A3

0 260 520 m

NORTH

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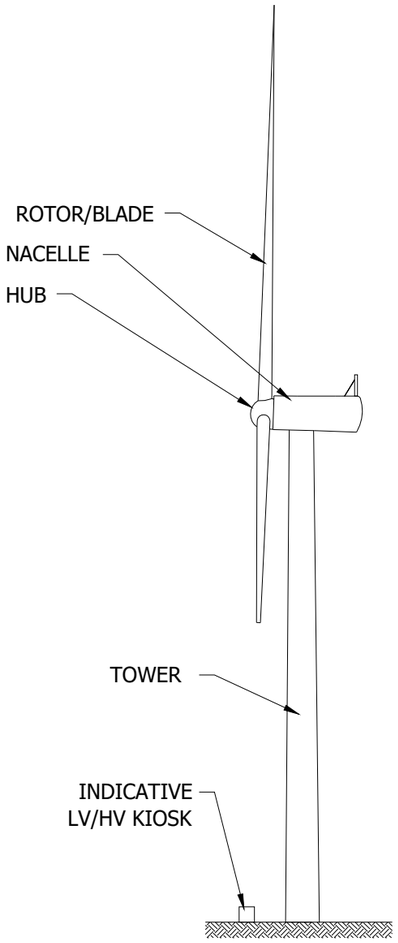
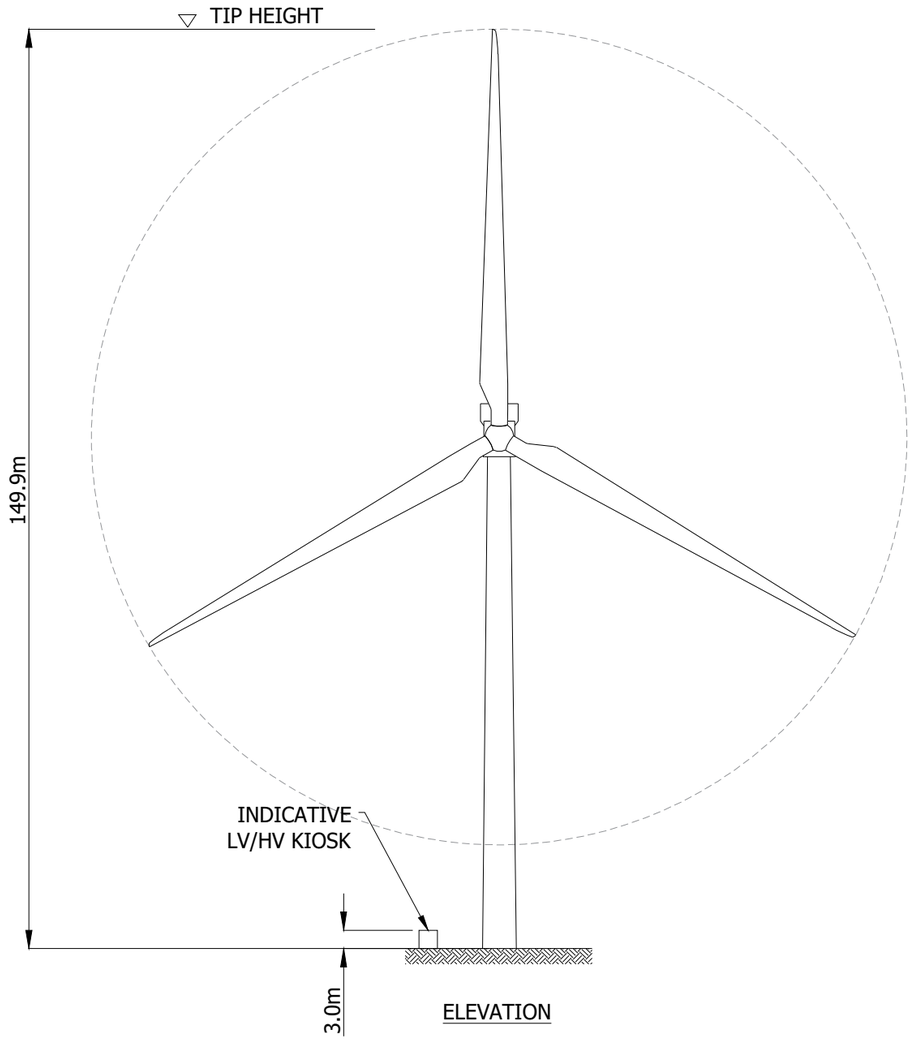
Detailed Development Site Layout
Figure 3.1d

Cloich Forest Wind Farm
EIA Report



END-ELEVATION



ELEVATION

0 10 20 30 40 50 60 70 80 90 100m

SCALE 1:1000

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1:1000 Scale @ A3

N

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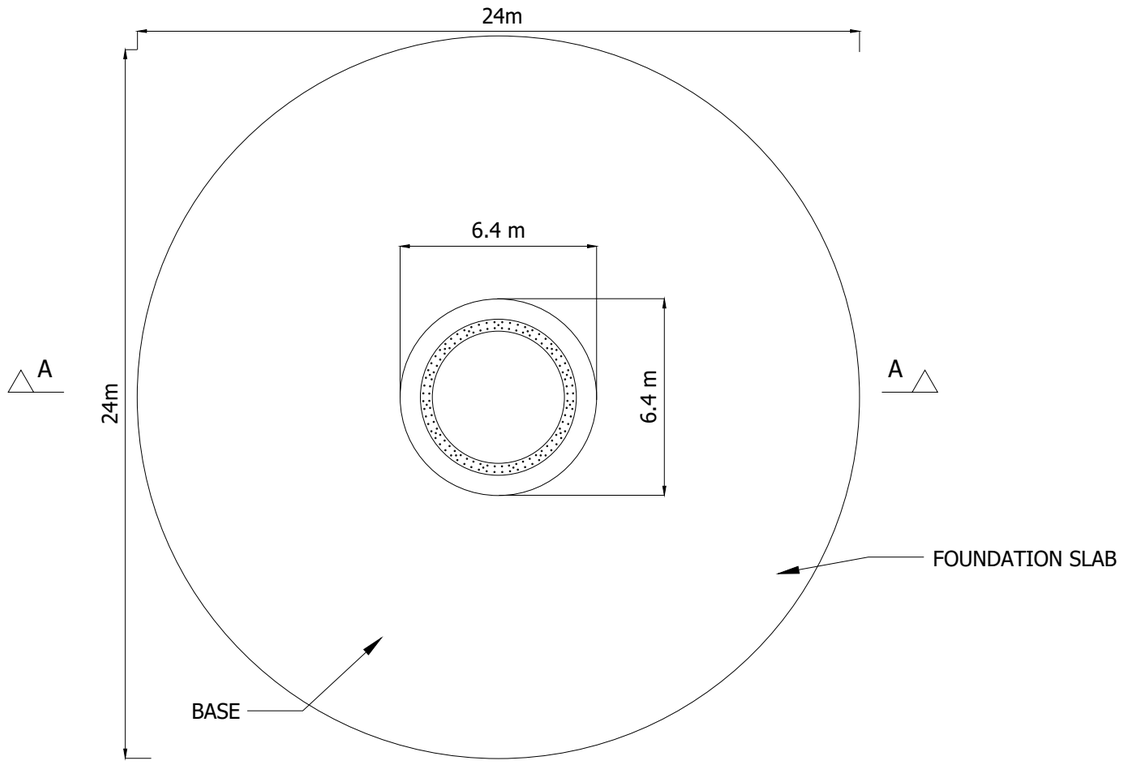
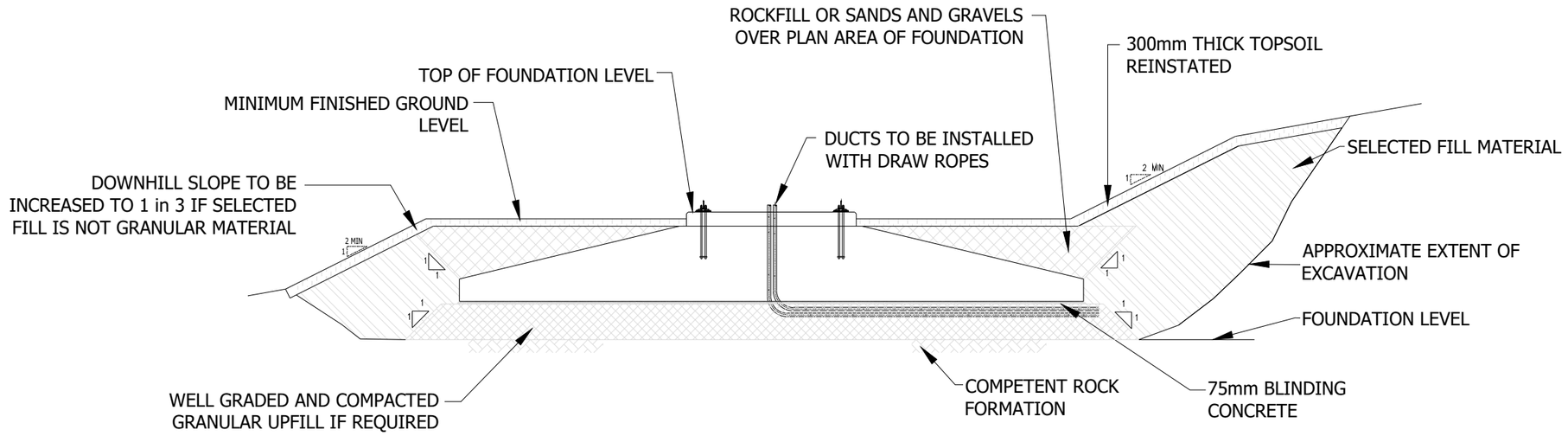
Indicative Turbine Elevation
Figure 3.2

Cloich Forest Wind Farm
EIA Report



PLAN ON TYPICAL TURBINE FOUNDATION



SECTION THROUGH TYPICAL TURBINE BASE

0 2 4 6 8 10 12 14 16 18 20m

SCALE 1:200

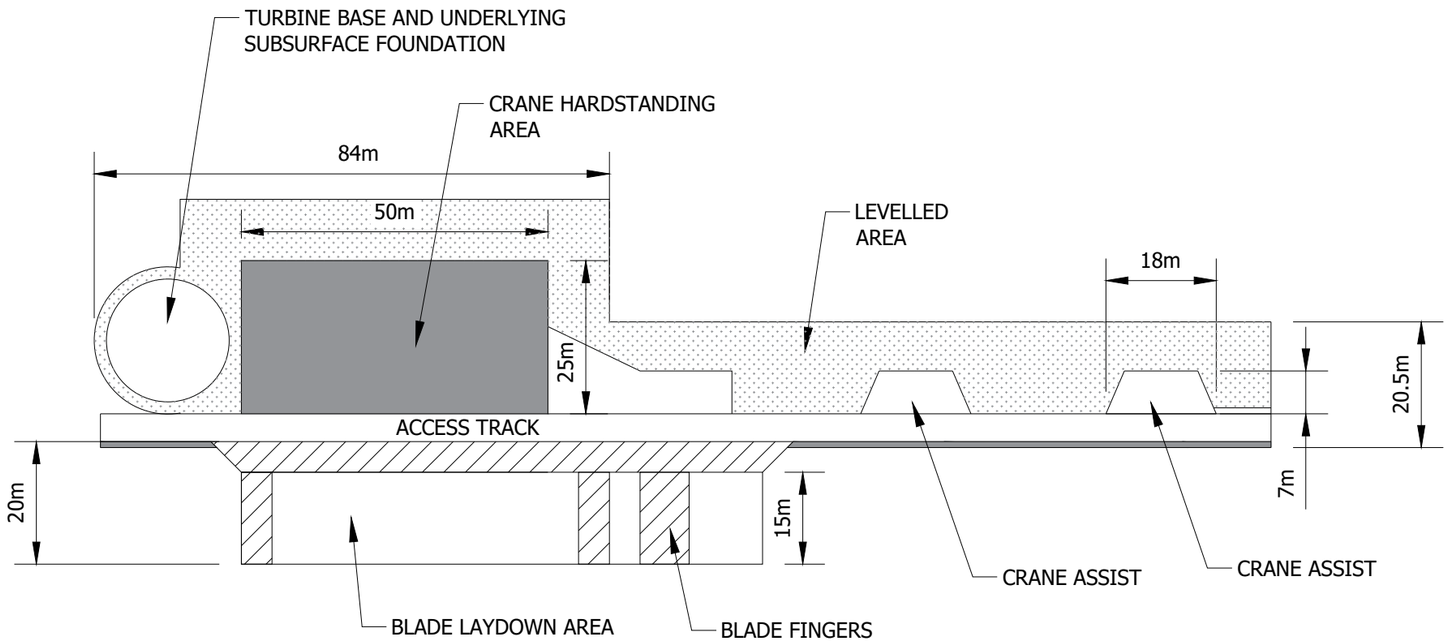
G:\TECHNICAL INFORMATION\ENGINEERING\STANDARDS\BORDERS\ARCUS A3 2015 FIGURE

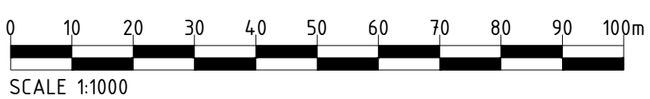
1:200 Scale @ A3

Produced: BM Reviewed: DB Approved: FC	Ref: 3122_DR_P_0003 Date: 23/02/2021

Indicative Foundation Design
Figure 3.3

Cloich Forest Wind Farm
EIA Report





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1:1000 Scale @ A3

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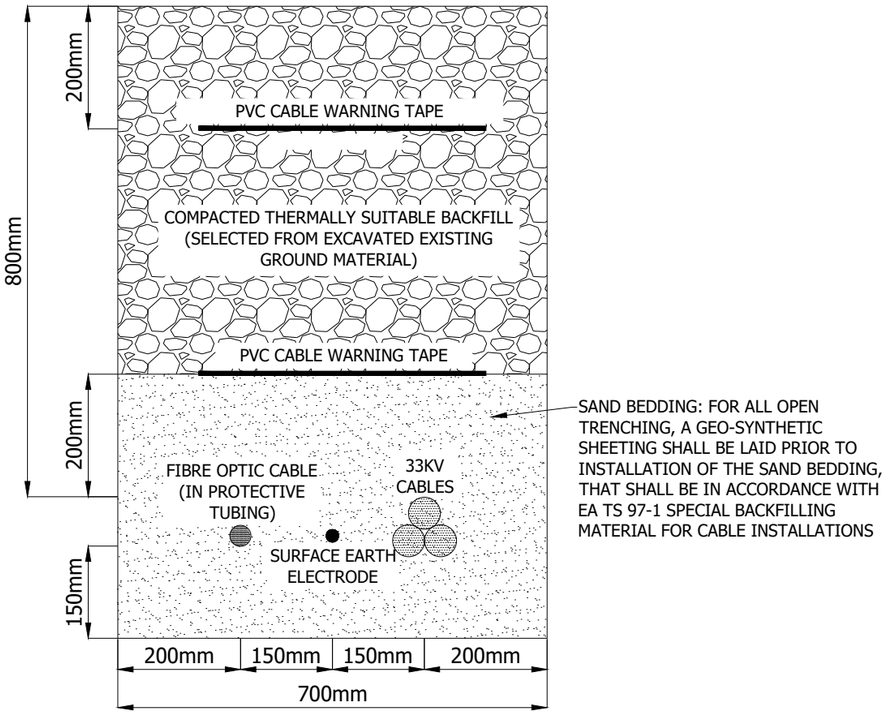
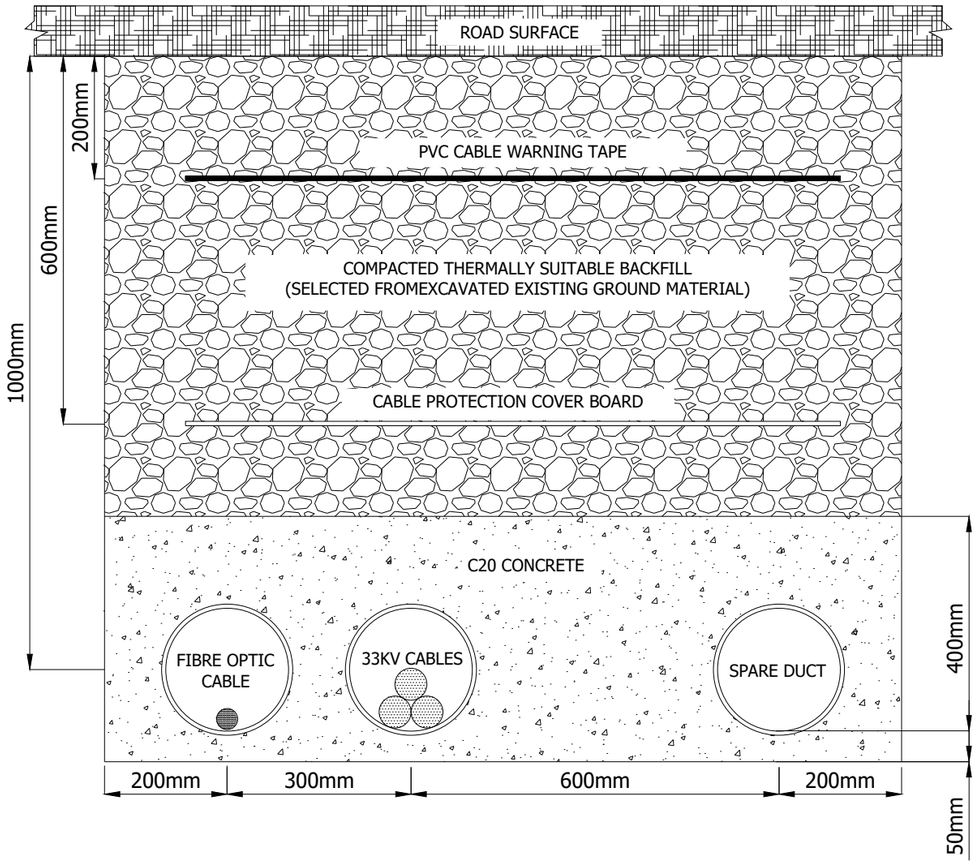
Indicative Crane Hardstanding
Figure 3.4

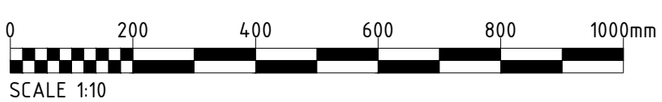
Cloich Forest Wind Farm
EIA Report



TYPICAL CABLE TRENCH DETAIL
(1:10)



TYPICAL CABLE TRENCH DETAIL AT ROAD CROSSING
(1:10)



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1:10 Scale @ A3

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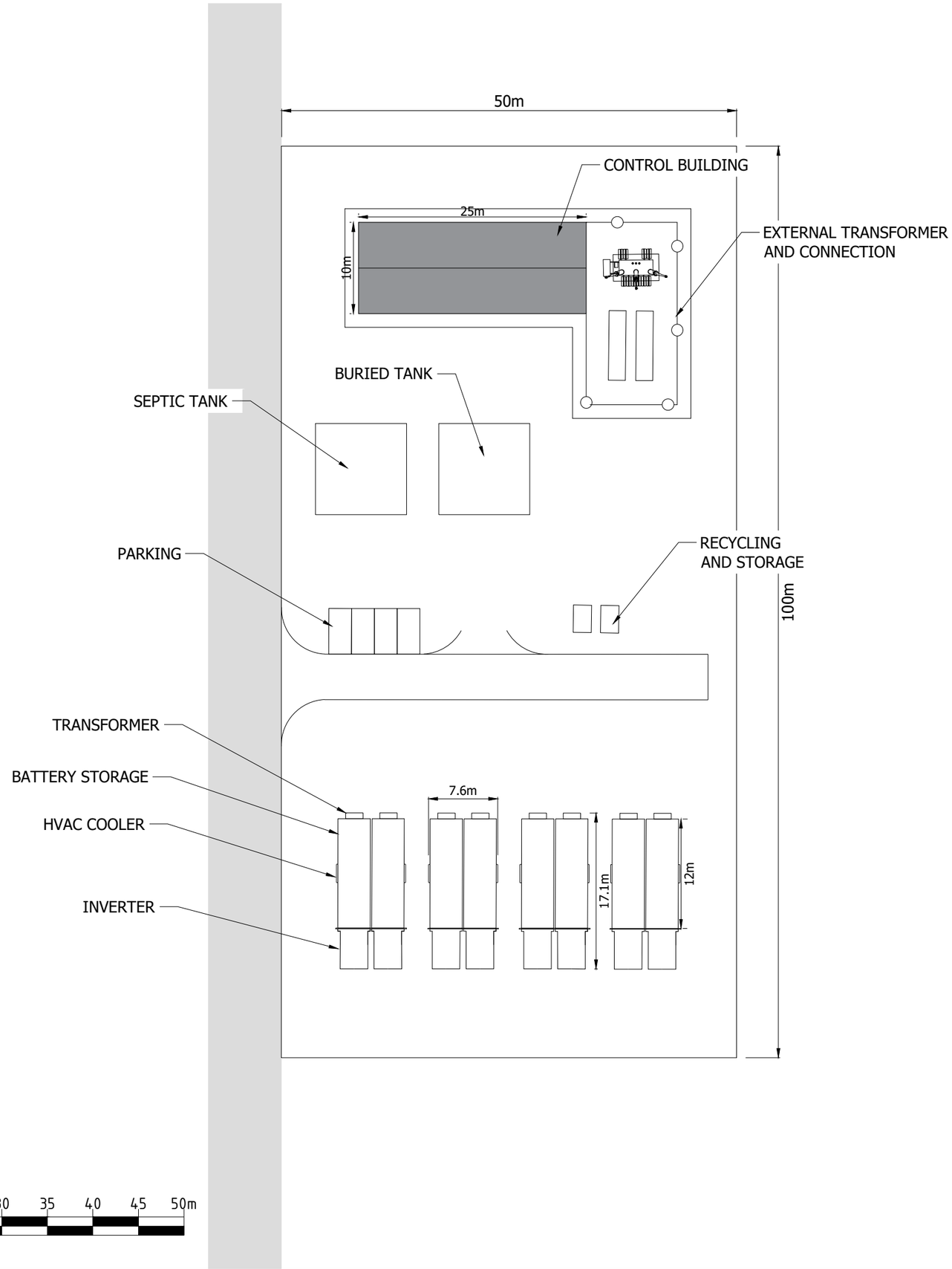
Indicative Cable Trench Detail
Figure 3.5

Cloich Forest Wind Farm
EIA Report



1:500 Scale @ A3

Produced: BM Reviewed: DB Approved: FC	Ref: 3122_DR_P_0006 Date: 24/02/2021

Indicative Substation & BESS Compound
Figure 3.6

Cloich Forest Wind Farm
EIA Report

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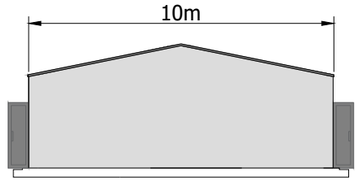
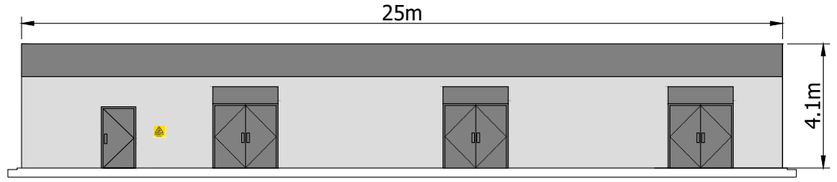
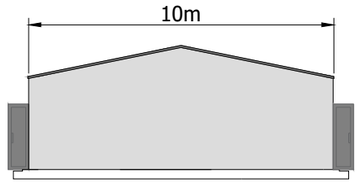


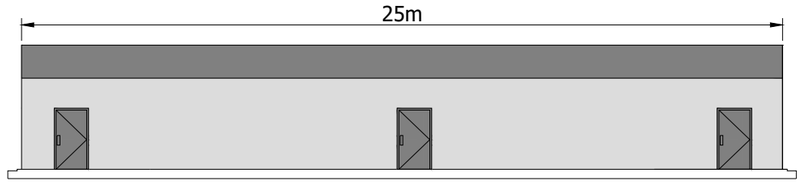
END- ELEVATION



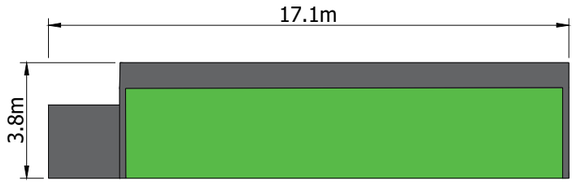
FRONT ELEVATION

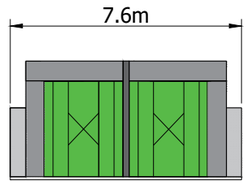


END ELEVATION



REAR ELEVATION





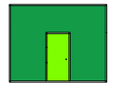




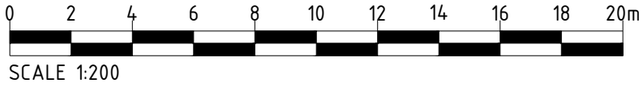
BATTERY MODULE







ENCLOSED SWITCHGEAR



G:\TECHNICAL INFORMATION\ENGINEERING\STANDARDS\BORDERS\ARCUS A3 2015 FIGURE

edf renewables

ARCUS

1:200 Scale @ A3

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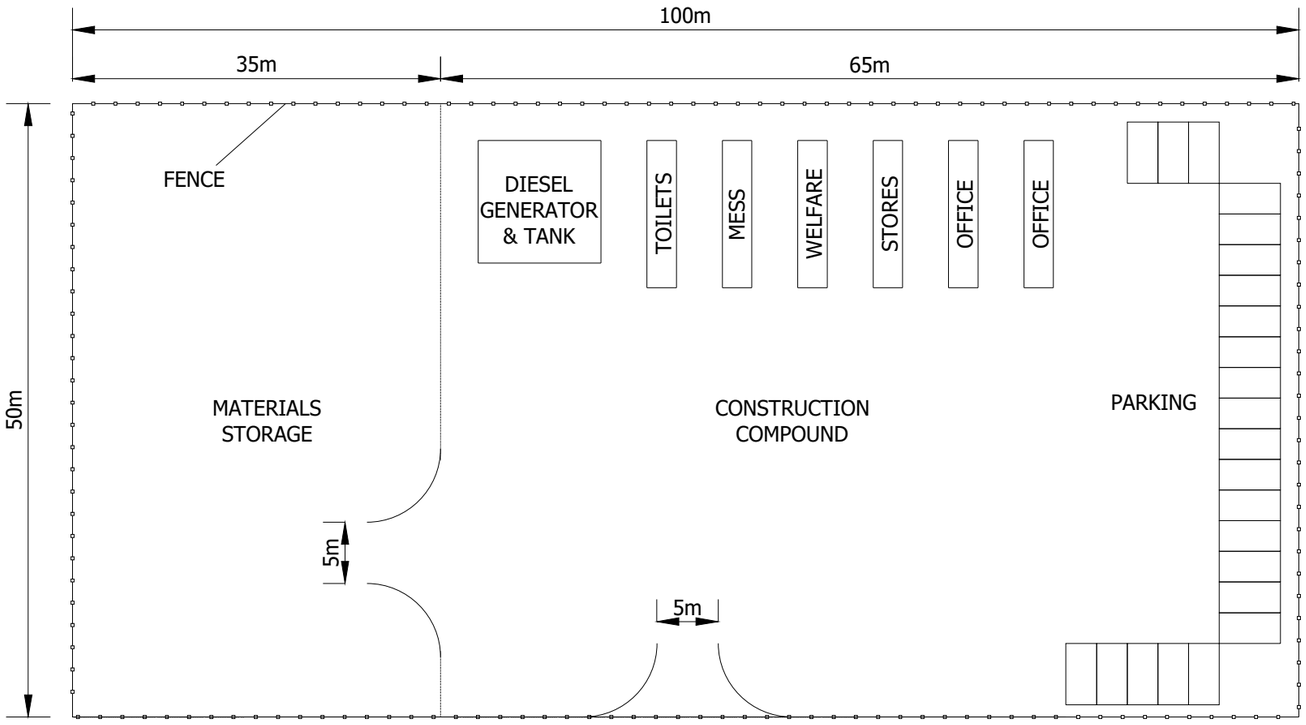
Indicative Control Building & BESS Elevation

Figure 3.7

Cloich Forest Wind Farm EIA Report



PLAN VIEW OF INDICATIVE
CONSTRUCTION COMPOUND ARRANGEMENT

0 5 10 15 20 25 30 35 40 45 50m

SCALE 1:500

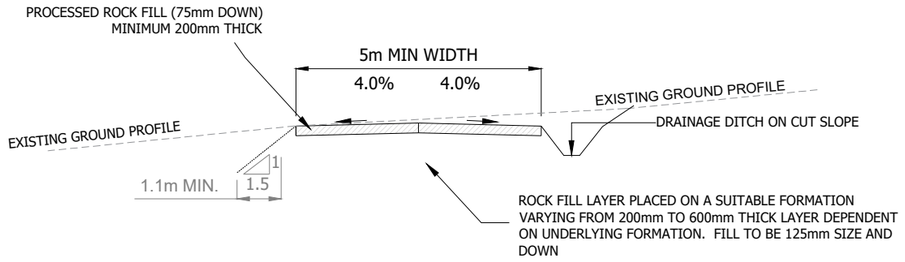
G:\TECHNICAL INFORMATION\ENGINEERING\STANDARDS\BORDERS\ARCUS A3 2015 FIGURE

1:500 Scale @ A3

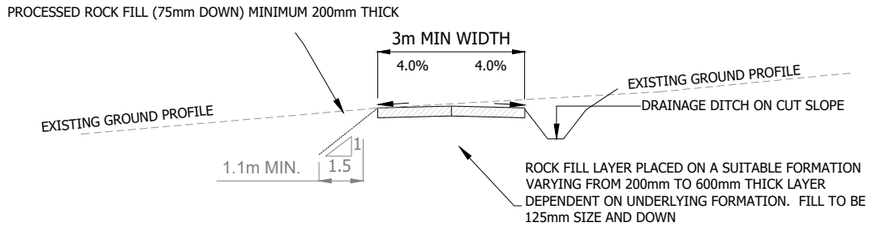
Produced: BM Reviewed: DB Approved: FC	Ref: 3122_DR_P_0008 Date: 24/02/2021

Indicative Construction Compound
Figure 3.8

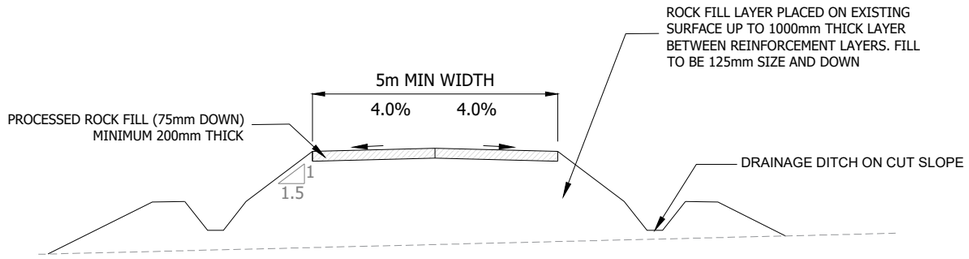
Cloich Forest Wind Farm EIA Report



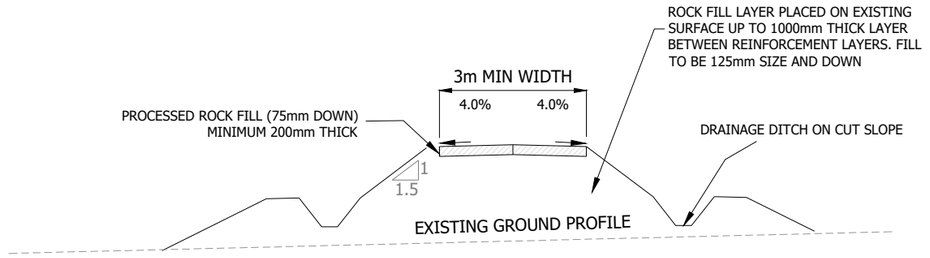
TYPICAL SECTION THROUGH EXCAVATED 5m TRACK (1:100)



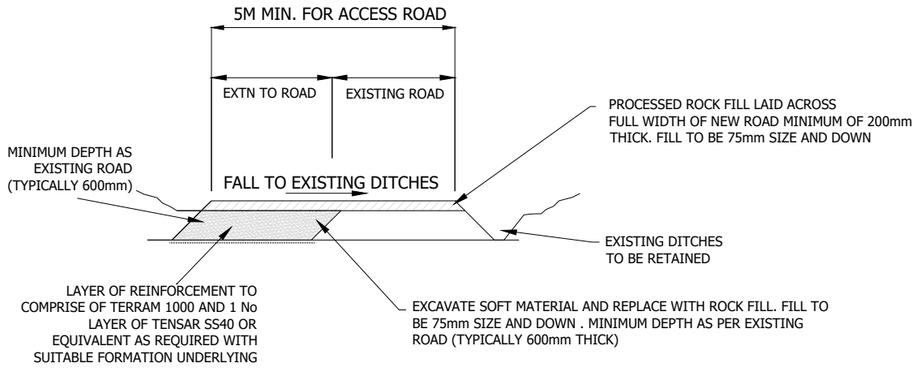
TYPICAL SECTION THROUGH EXCAVATED 3m TRACK (1:100)



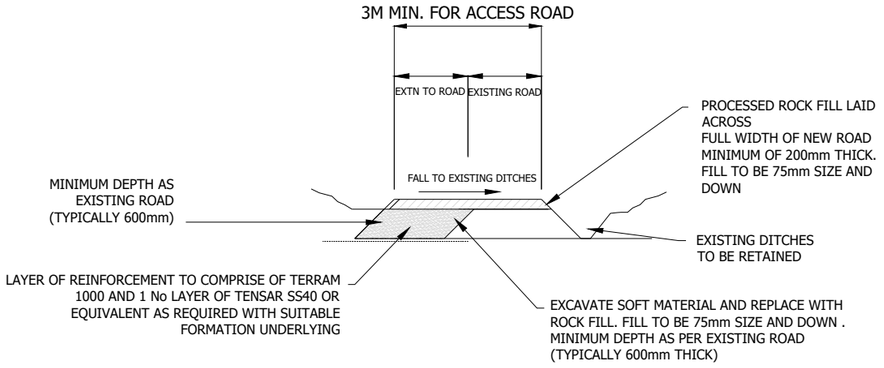
TYPICAL SECTION THROUGH ROCK-FILL 5m TRACK (1:100)



TYPICAL SECTION THROUGH ROCK-FILL 3m TRACK (1:100)



TYPICAL SECTION WIDENING OF EXISTING 5m TRACK (1:100)



TYPICAL SECTION WIDENING OF EXISTING 3m TRACK (1:100)



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1:125 Scale @ A3

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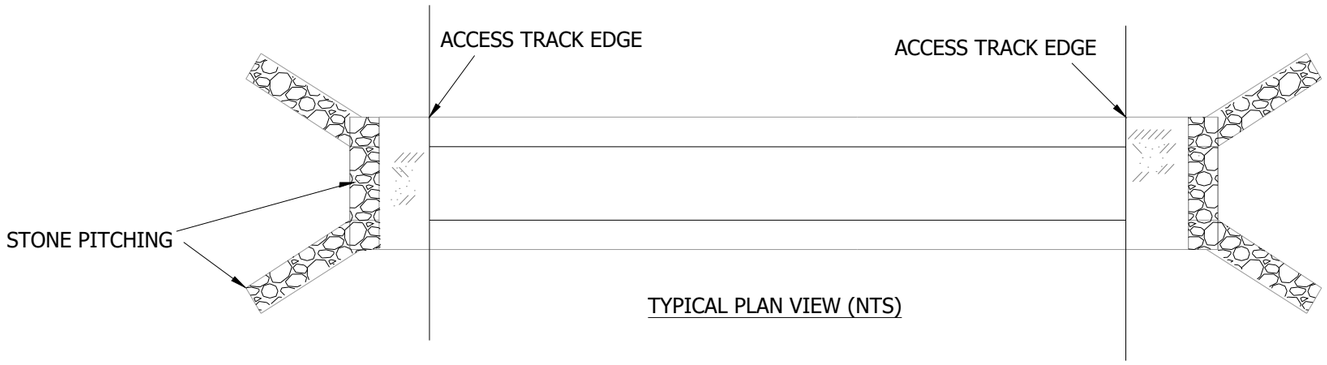
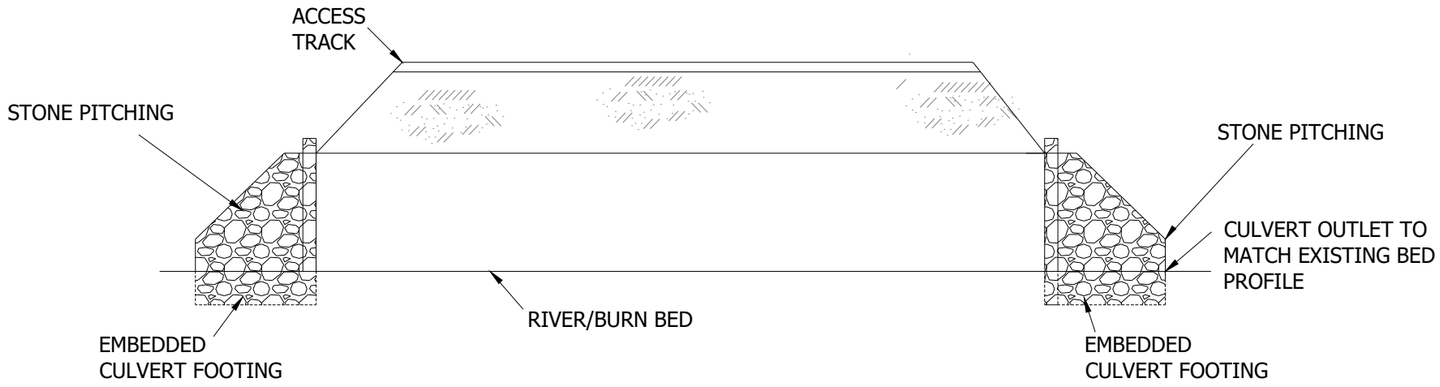
Produced: BM Reviewed: DB Approved: FC	Ref: 3122_DR_P_0009 Date: 24/02/2021

Indicative Access Track
Figure 3.9

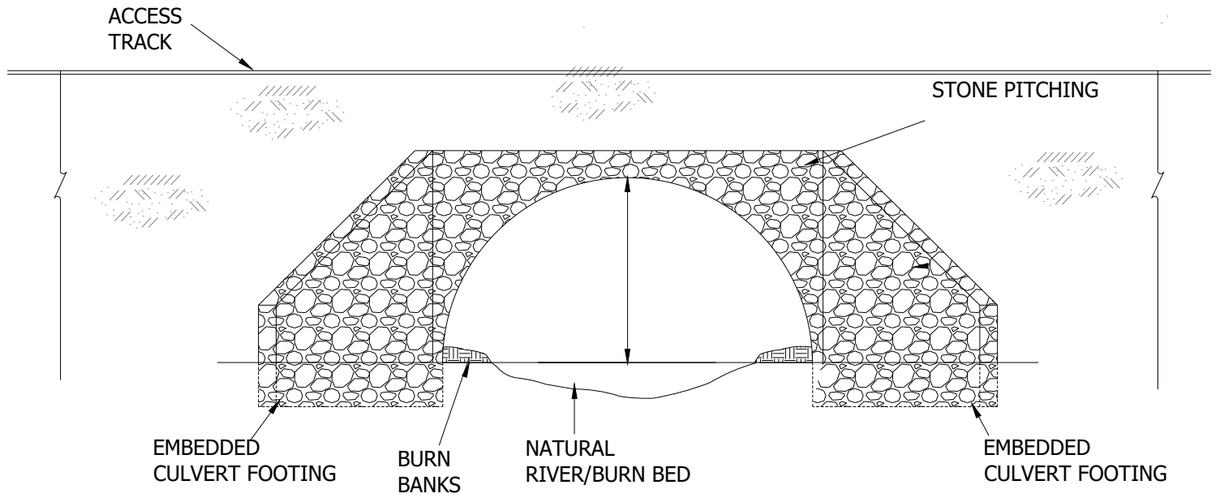
Cloich Forest Wind Farm
EIA Report



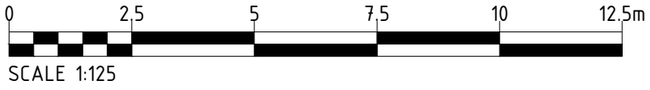
TYPICAL PLAN VIEW (NTS)



TYPICAL CROSS SECTION THROUGH CULVERT (NTS)



TYPICAL BOTTOMLESS ARCHED CULVERT ELEVATION (NTS)



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1:125 Scale @ A3

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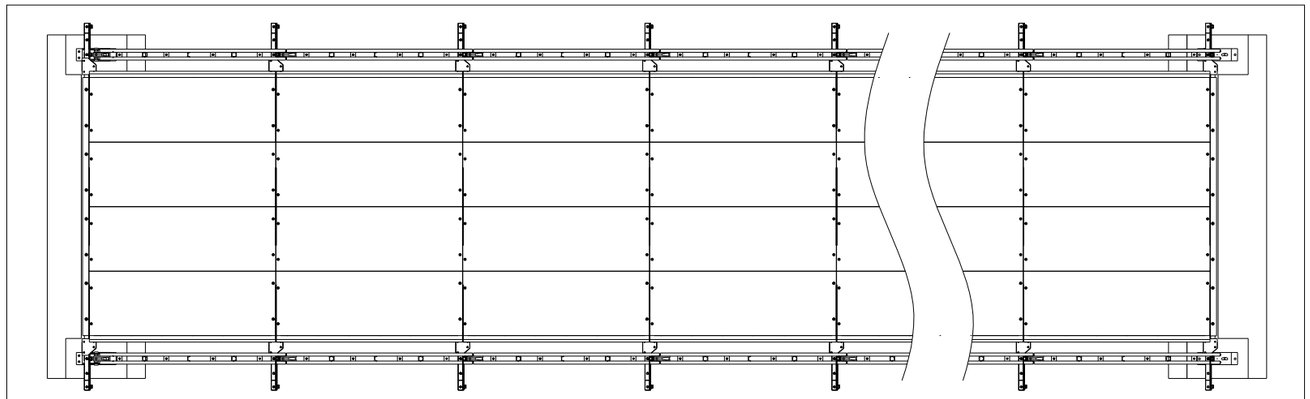
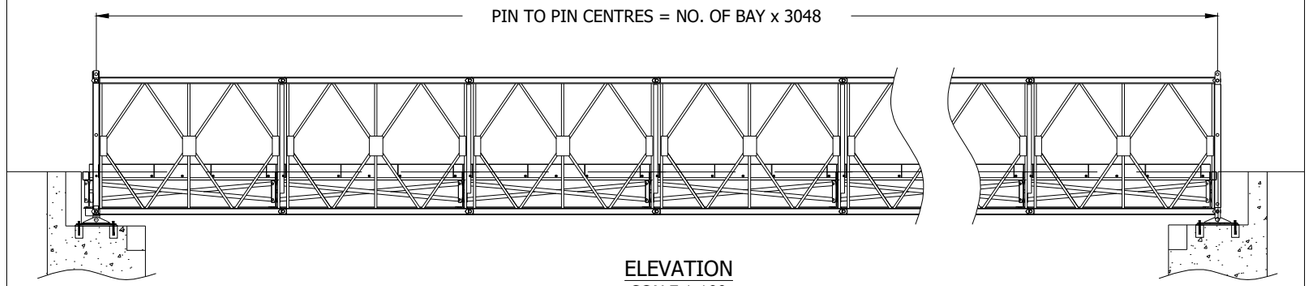
Indicative Culvert Detail
Figure 3.10

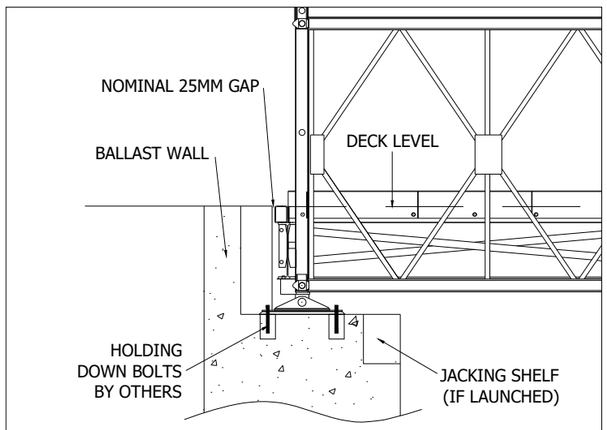
Cloich Forest Wind Farm
EIA Report



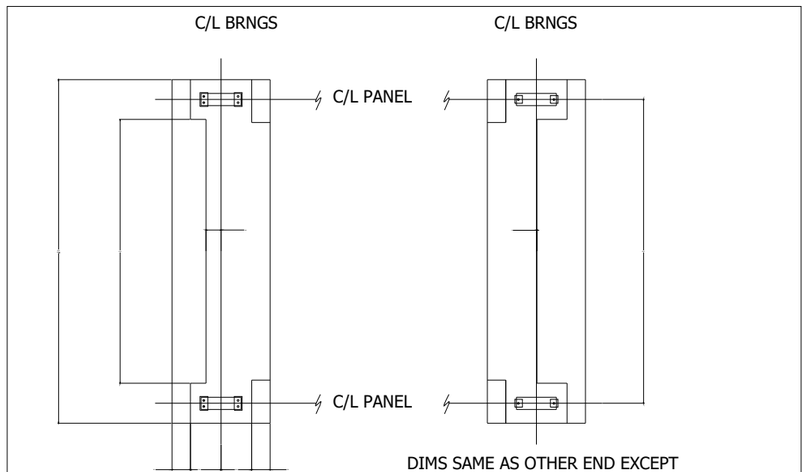
PLAN
SCALE 1:100



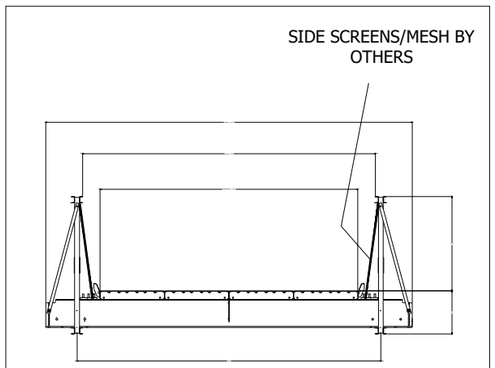
ELEVATION
SCALE 1:100



ABUTMENT DETAILS
SCALE 1:50



PLAN OF ABUTMENTS
SCALE 1:100



CROSS-SECTION
SCALE 1:100

AS SHOWN Scale @ A3

Produced: BM Reviewed: DB Approved: FC	Ref: 3122_DR_P_0011 Date: 25/02/2021

Indicative Bridge Detail
Figure 3.11

Cloich Forest Wind Farm
EIA Report

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N

TEMPORARY LOAD-BEARING SURFACE TO BE CONSTRUCTED FOR ALV OVERRUN AREA TO 0.45m DEPTH

EXISTING FENCELINE TO BE RELOCATED DURING CONSTRUCTION PHASE TO ALLOW PASSAGE OF ALVs

TREES LOCATED AT NORTHERN VERGE TO BE CLEARED TO ACCOMMODATE ALV PASSAGE

D17

A703

SIGNPOSTS TO BE RELOCATED

0 5 10 15 20 25 30 35 40 45 50m

SCALE 1:500

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edf renewables

ARCUS

1:500 Scale @ A3

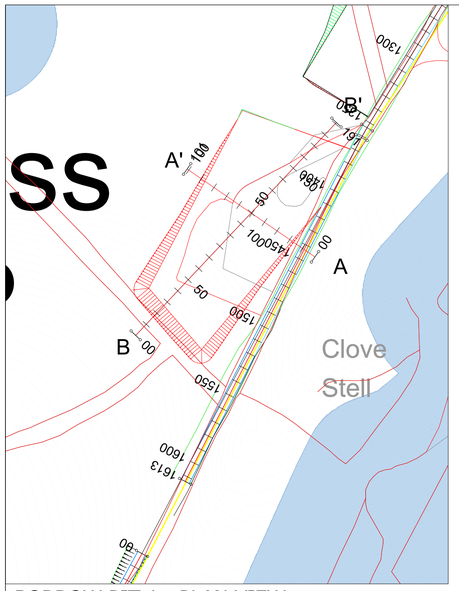
N

Produced: GR Reviewed: TAT Approved: TAT	Ref: 3439_DR_P_0001
	Date: 06/05/21

Proposed Temporary Junction Arrangement at existing A703/D17 Junction

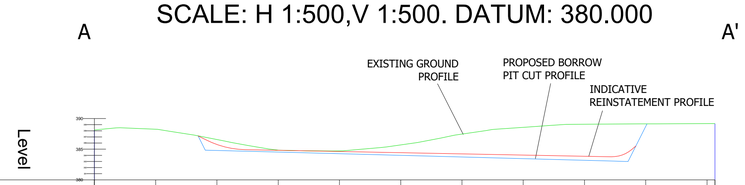
Figure 3.12

Cloich Forest Wind Farm EIA Report



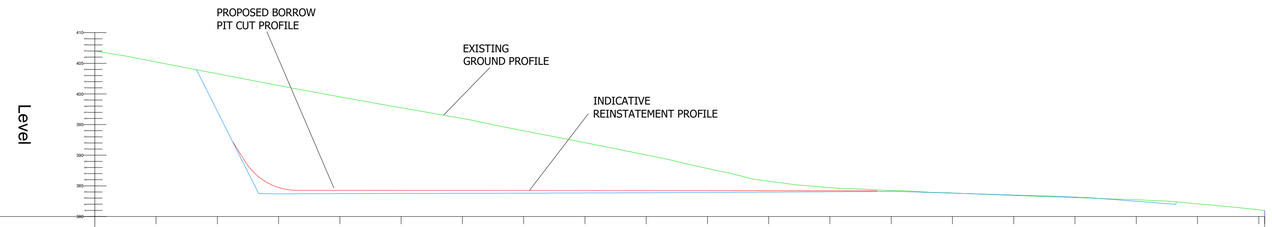
BORROW PIT 1 - PLAN VIEW

BP1 SECTION A-A'
SCALE: H 1:500,V 1:500. DATUM: 380.000



Proposed Levels			384.796	384.529	384.260	383.991	383.722	383.453	383.184	388.718	
Existing Levels	388.143	388.259	386.574	384.851	384.721	385.701	387.461	388.565	389.072	389.133	389.182 381.185
Chainage	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000 101.288

BP1 SECTION B-B'
SCALE: H 1:500,V 1:500. DATUM: 380.000



Proposed Levels			397.160	383.707	383.738	383.768	383.782	383.806	383.838	383.878	383.924	383.976	384.034	384.096	383.811	383.502	383.179	382.477		
Existing Levels	407.000	405.218	403.292	401.381	399.524	397.740	395.996	393.985	392.041	390.041	387.837	385.760	384.718	384.243	383.828	383.448	383.085	382.723	382.070	381.000 381.107
Chainage	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000 190.307

13 May 2021 16:58:43
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Plot Date : -
File Name : -

Revision Details	By / Check	Date	Rev

Client: EDF renewables

Purpose of issue: PRELIMINARY

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Project Title: CLOICH FOREST WIND FARM EIA

Drawing Title: FIGURE 3.13 OUTLINE DESIGN OF BORROW PIT 1

Designed	Drawn	Checked	Approved
KB	KB	DB	FC

Arcus Internal Project No.: 3122

Date: 19/03/21

Scale @ A1: AS SHOWN

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Arcus Consultancy Services
7th Floor
144 West George Street
Glasgow, G2 2HG
Tel: +44 (0)141 221 9997
Fax: +44 (0)141 221 5610
www.arcusconsulting.co.uk

ARCUS

Drawing Number: 3122_DR_P_0013

Rev: -

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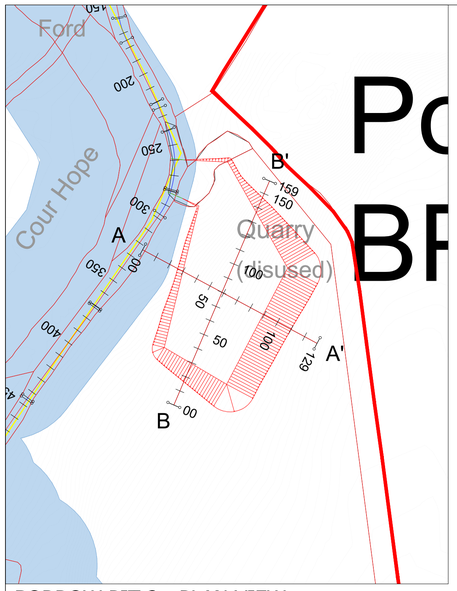
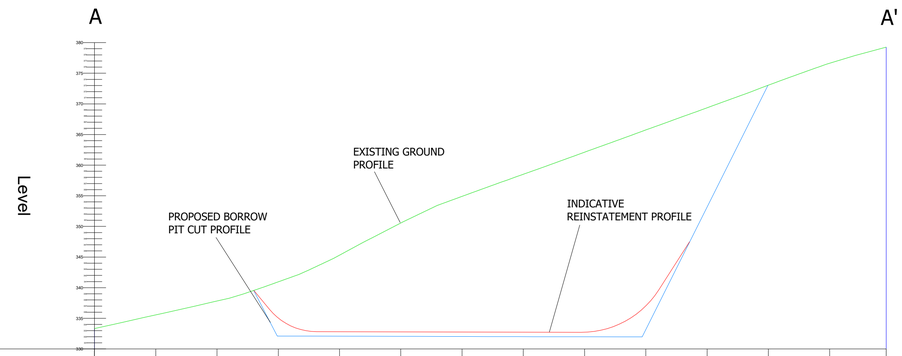


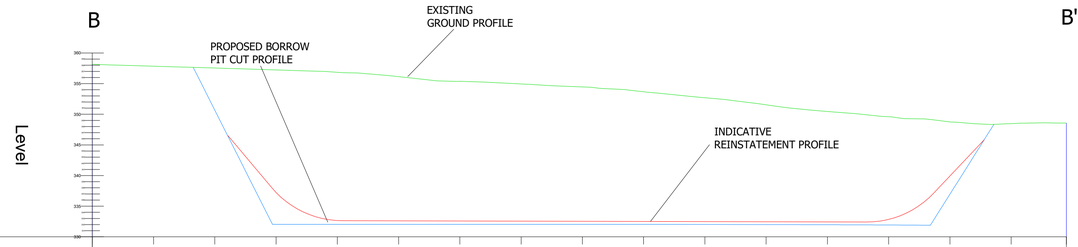
BORROW PIT 2 - PLAN VIEW

BP2 SECTION A-A'
SCALE: H 1:500,V 1:500. DATUM: 330.000



Proposed Levels				332.109	332.084	332.060	332.036	332.013	331.990	333.163	353.162			
Existing Levels	333.337	335.559	337.827	340.955	345.317	350.567	354.906	358.511	362.116	365.739	369.359	373.051	376.622	379.263
Chainage	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	129.228

BP2 SECTION B-B'
SCALE: H 1:500,V 1:500. DATUM: 330.000



Proposed Levels			350.681	332.034	332.034	332.035	332.037	332.038	332.039	332.040	332.023	331.999	331.972	331.931	336.955		
Existing Levels	358.154	357.844	357.542	357.240	356.844	356.138	355.380	354.944	354.460	353.669	352.701	351.544	350.451	349.604	348.743	348.484	348.561
Chainage	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	159.018

13 May 2021 16:24:21
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Plot Date :
File Name :

Revision Details	By / Check	Date	Rev

Client: EDF renewables

Purpose of issue: PRELIMINARY

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Project Title: CLOICH FOREST WIND FARM EIA

Drawing Title: FIGURE 3.14 OUTLINE DESIGN OF BORROW PIT 2

Designed	Drawn	Checked	Approved
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Arcus Consultancy Services
7th Floor
144 West George Street
Glasgow, G2 2HG
Tel: +44 (0)141 221 9997
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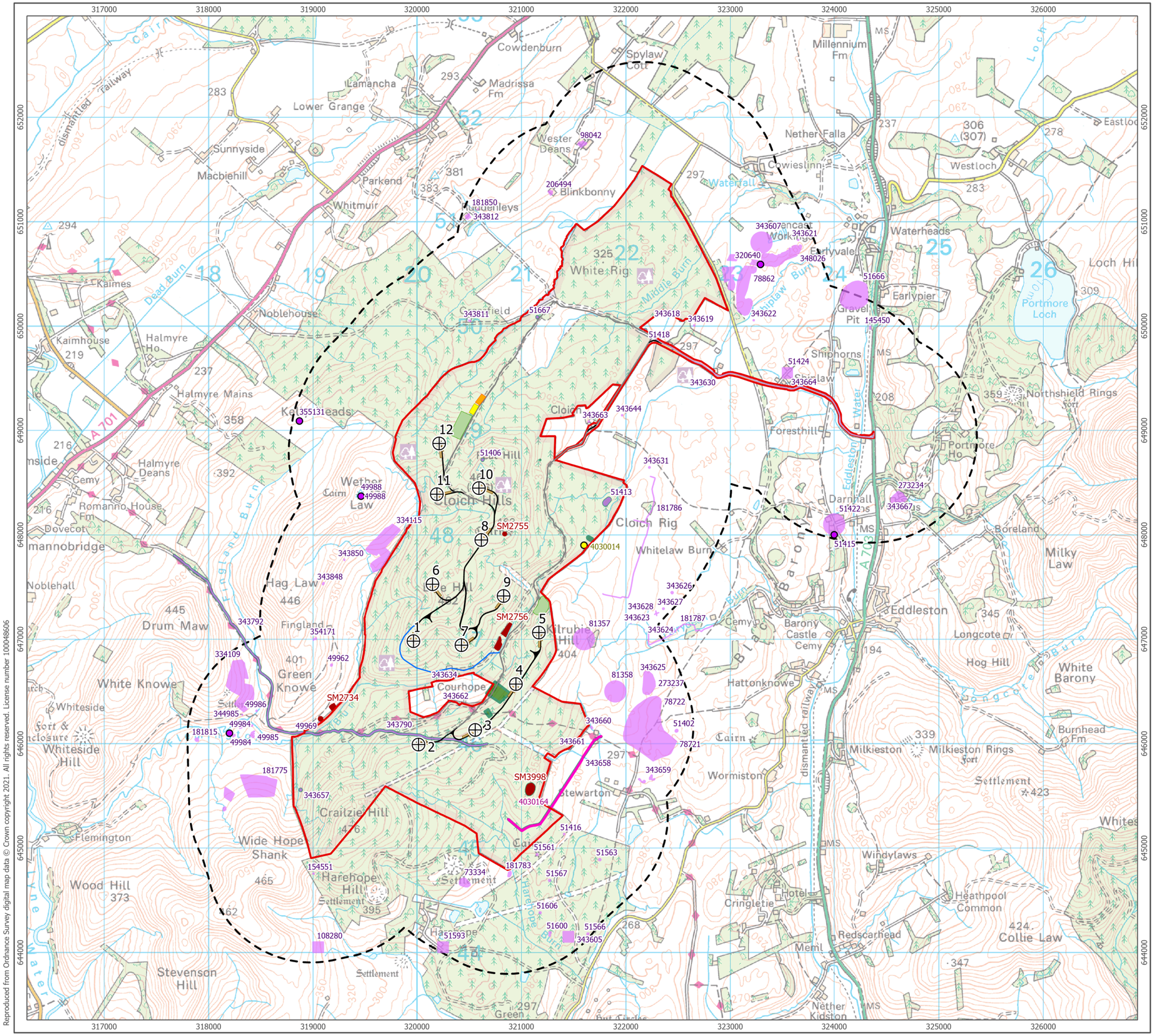
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Core Study Area
Proposed Turbine Location
1 km Study Area
Scheduled Monuments
Former SMR Non-Designated Points
Old SMR Non-Designated Lines
Non-Designated Points
Non-Designated Heritage Assets
Non-Designated Features
Site Infrastructure
Borrow Pit
Construction Compound
Crane Hardstanding
Substation Compound
New Access Track
Existing Track (Subject to Localised Upgrades)
New Track Used by Construction Traffic Only
Public Road (Subject to Widening Works)
Cloich Hills
Cloich Rig
White Rig
Craitzie Hill
Harehope Hill
Hag Law
Drum Maw
Green Knowe
White Knowe
Wether Law
Kilrubie Hill
Milky Law
Collie Law
Boreland
Eddleston
Milkieston
Stewarton
Wormiston
Cringletie
Hattonknowe
Courhope
Waterheads
Westloch
Earlypier
Foresthill
Darnhall
Nether Falla
Cowieslinn
Spylaw Cott
Millennium Fm
Wester Deans
Blinkbonny
Whitmuir
Parkend
Sunnyside
Macbiehill
Lamancha
Lower Grange
Madrissa Fm
Cowdenburn
Noblehouse
Halmyre Ho
Halmyre Mains
Halmyre Deans
Romanno House Fm
Dovecot
Kaimes
Kaimhouse
Whiteside
Whiteside Hill
Flemington
Wood Hill
Stevenson Hill
Noblehall
Fingland
Longcote
Hog Hill
White Barony
Barony Castle
Hattonknowe
Redscarhead
Heathpool Common
Windylaws
Milkieston Rings
Northshield Rings
Portmore Loch
Portmore Ho
Shiphorns
Gravel Pit 145450
Earlyvale
Greencastle Work
Dead Burn
Middle Burn
Waterfall Burn
Whitelaw Burn
Longcote Burn
Eddleston Water
Harehope Burn
Blackbarony Burn
dismantled railway
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A 703
Settlement
Cairn
Loch
Hill
Law
Fm
Ho
Cemy
Fort
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SM2756
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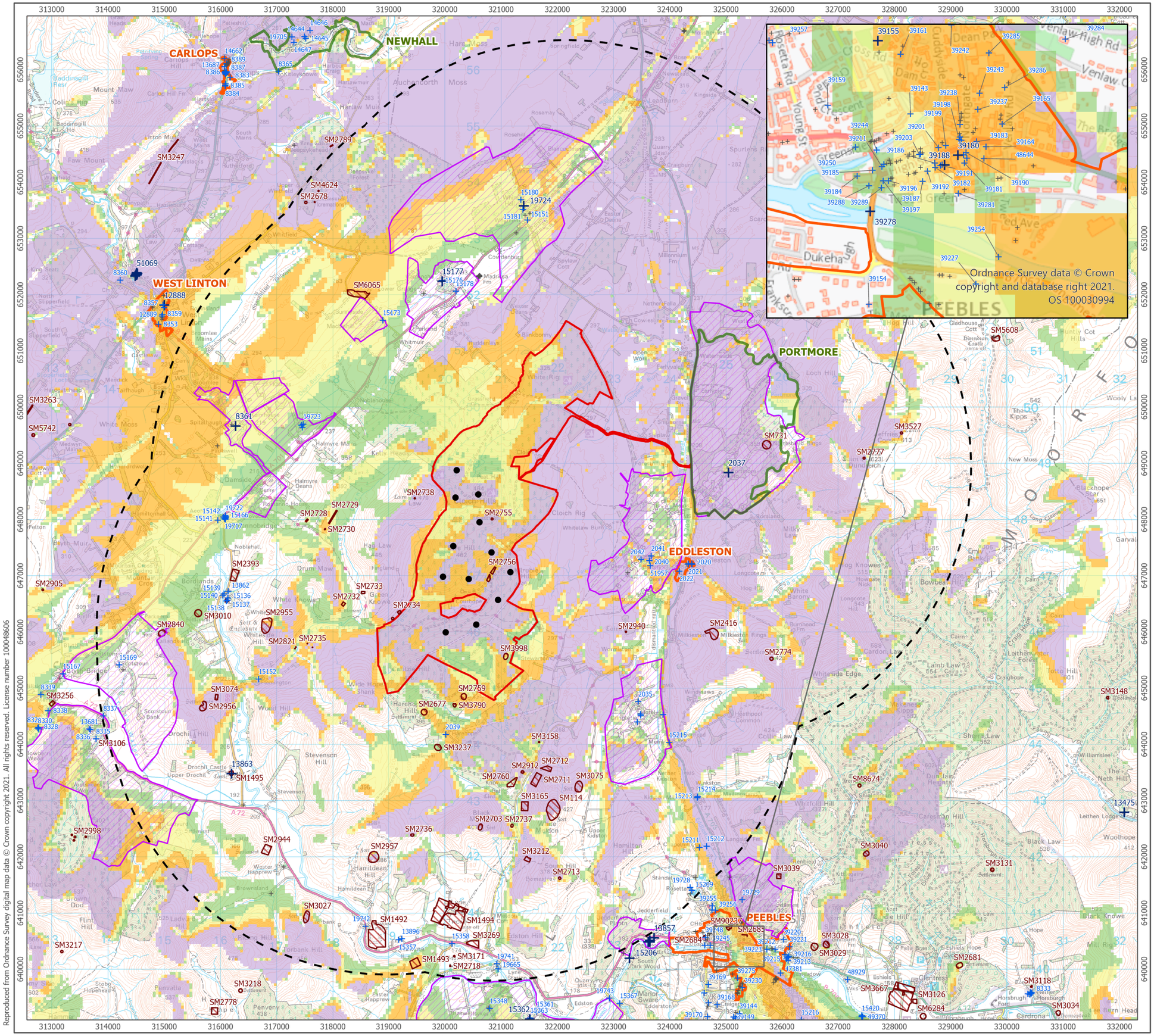

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P:\Projects\Cultural Heritage\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-067 Fig6.2 Designated Heritage Assets 5 km with ZTV

eDF renewables

ARCUS

- Core Study Area
- Proposed Turbine Location
- 5 km Study Area
- Gardens and Designed Landscapes
- Scottish Borders Council Designated Landscape
- Conservation Areas
- Scheduled Monuments
- Category A Listed Building
- Category B Listed Building
- Category C Listed Building

Zone of Theoretical Visibility (ZTV)

- 1-3 Turbine are visible
- 4-6 Turbines are visible
- 7-9 Turbines are visible
- 10-12 Turbines are visible

1:65,000 Scale @ A3

0 1 2 km

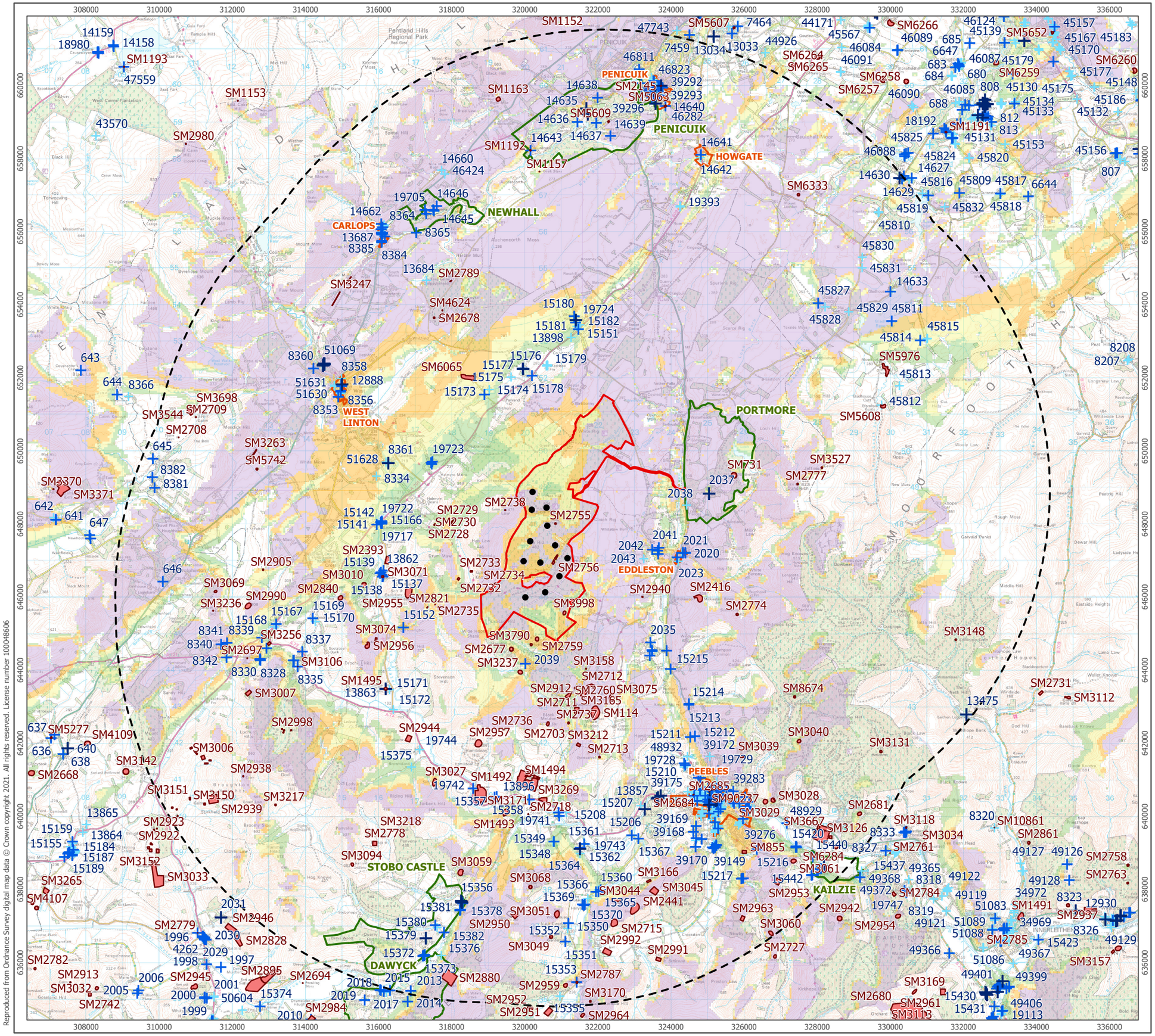
NORTH

Produced By: OW	Ref: 3439-REP-067
Checked By: SC	Date: 10/06/2021

Designated Heritage Assets 5 km with ZTV

Figure 6.2

Cloich Forest Wind Farm EIA Report



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P:\Projects\Cultural Heritage\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-068 Fig6.3 Designated Heritage Assets 10 km with ZTV

eDF renewables

ARCUS

- Core Study Area
- Proposed Turbine Location
- 10 km Study Area
- Gardens and Designed Landscapes
- Scheduled Monuments
- Conservation Areas

Listed Buildings

- Category A Listed Building
- Category B Listed Building
- Category C Listed Building

Zone of Theoretical Visibility (ZTV)

- 1-3 Turbine are visible
- 4-6 Turbines are visible
- 7-9 Turbines are visible
- 10-12 Turbines are visible

1:100,000 Scale @ A3

0 2.5 5 km

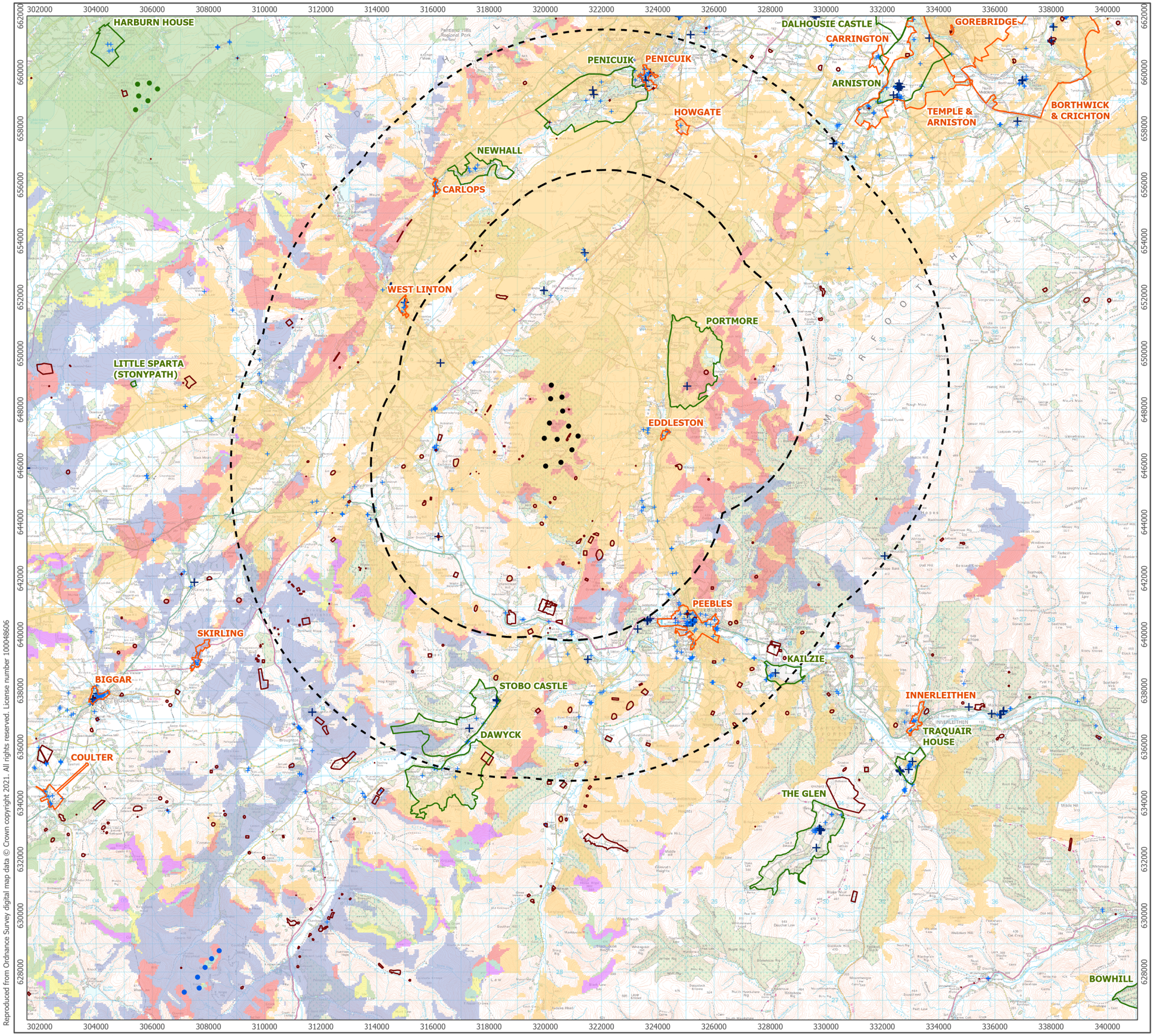
NORTH

Produced By: OW	Ref: 3439-REP-068
Checked By: SC	Date: 22/06/2021

Designated Heritage Assets beyond 5 km with ZTV

Figure 6.3

Cloich Forest Wind Farm EIA Report



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P:\Projects\Cultural Heritage\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-116 Fig6.10 Cumulative Wind Farm Developments

eDF renewables

ARCUS

- Proposed Turbine Location
- 5 km Study Area
- 10 km Study Area
- Scheduled Monument
- Gardens and Designed Landscapes
- Conservation Area
- Category A Listed Building
- Category B Listed Building

Cumulative Zone of Theoretical Visibility (ZTV)

- Cloich Forest only may be visible
- Glenkerie only may be visible
- Camilty only may be visible
- Both Cloich Forest & Glenkerie may be visible
- Both Cloich Forest & Camilty may be visible
- Both Camilty & Glenkerie may be visible
- All (Cloich Forest, Glenkerie, & Camilty) may be visible

Cumulative Wind Farms

- Camilty
- Glenkerie Extension

1:130,000 Scale @ A3

0 2.5 5 km

NORTH

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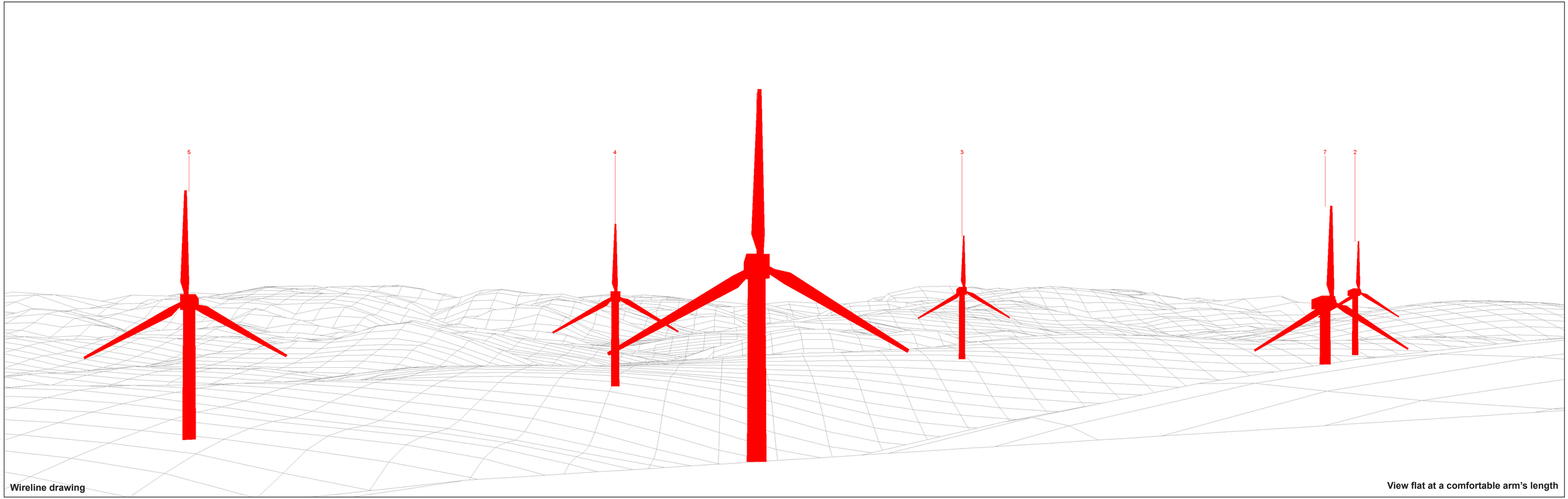
Checked By: SC	Date: 10/06/2021

Cumulative Wind Farm Developments
Figure 6.10

Cloich Forest Wind Farm EIA Report



Wireline drawing

View flat at a comfortable arm's length

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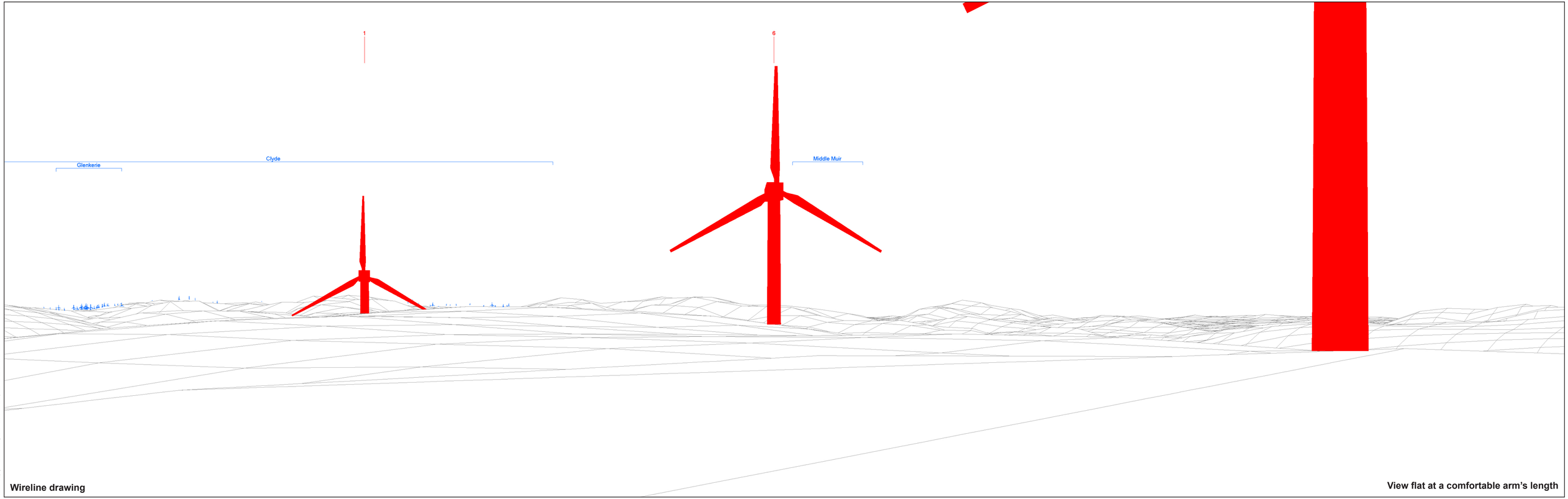
LUC

OS reference:	320840E 648009N	Horizontal field of view:	53.5° (planar projection)
AOD:	458 m	Principal distance:	812.5 mm
Direction of view:	182°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	0.2 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 6.11.1
SM2755 Whaup Law Cairn



Wireline drawing

View flat at a comfortable arm's length

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LUC

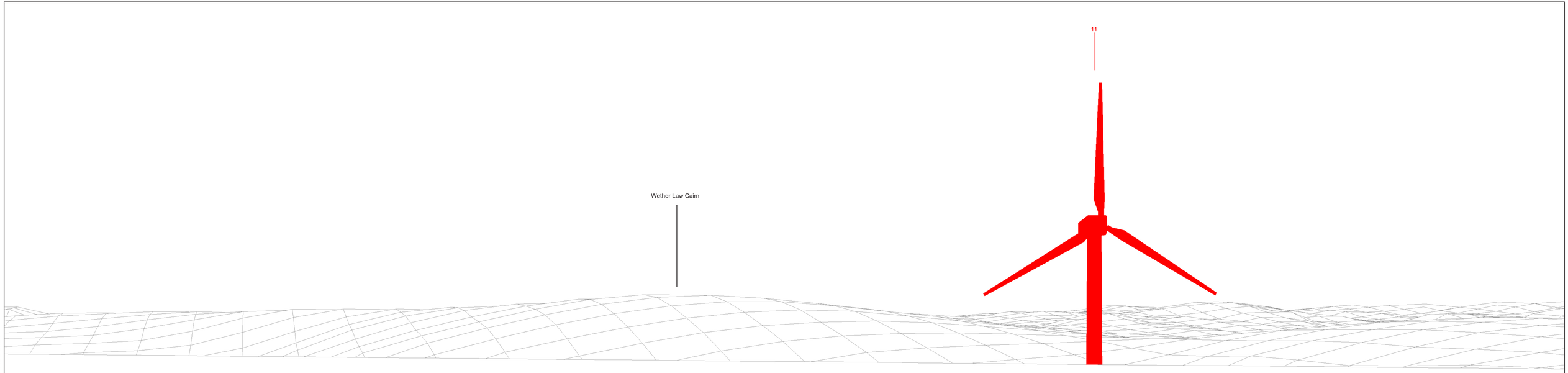
OS reference:	320840E 648009N	Horizontal field of view:	53.5° (planar projection)
AOD:	458 m	Principal distance:	812.5 mm
Direction of view:	235.5°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	0.2 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 6.11.2

SM2755 Whaup Law Cairn



Wireline drawing

View flat at a comfortable arm's length

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LUC

OS reference:	320840E 648009N	Horizontal field of view:	53.5° (planar projection)
AOD:	458 m	Principal distance:	812.5 mm
Direction of view:	289°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	0.2 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 6.11.3
SM2755 Whaup Law Cairn



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Wireline drawing

View flat at a comfortable arm's length

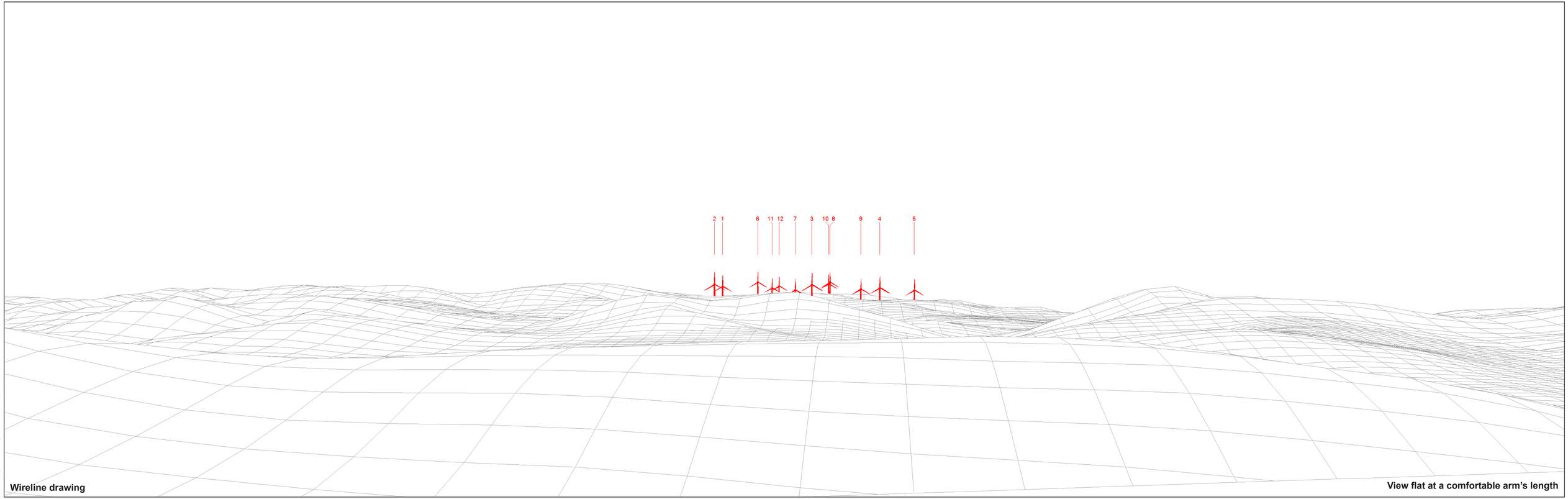
LUC

OS reference:	320840E 648009N	Horizontal field of view:	53.5° (planar projection)
AOD:	458 m	Principal distance:	812.5 mm
Direction of view:	342.5°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	0.2 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 6.11.4
SM2755 Whaup Law Cairn



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Wireline drawing

View flat at a comfortable arm's length

LUC

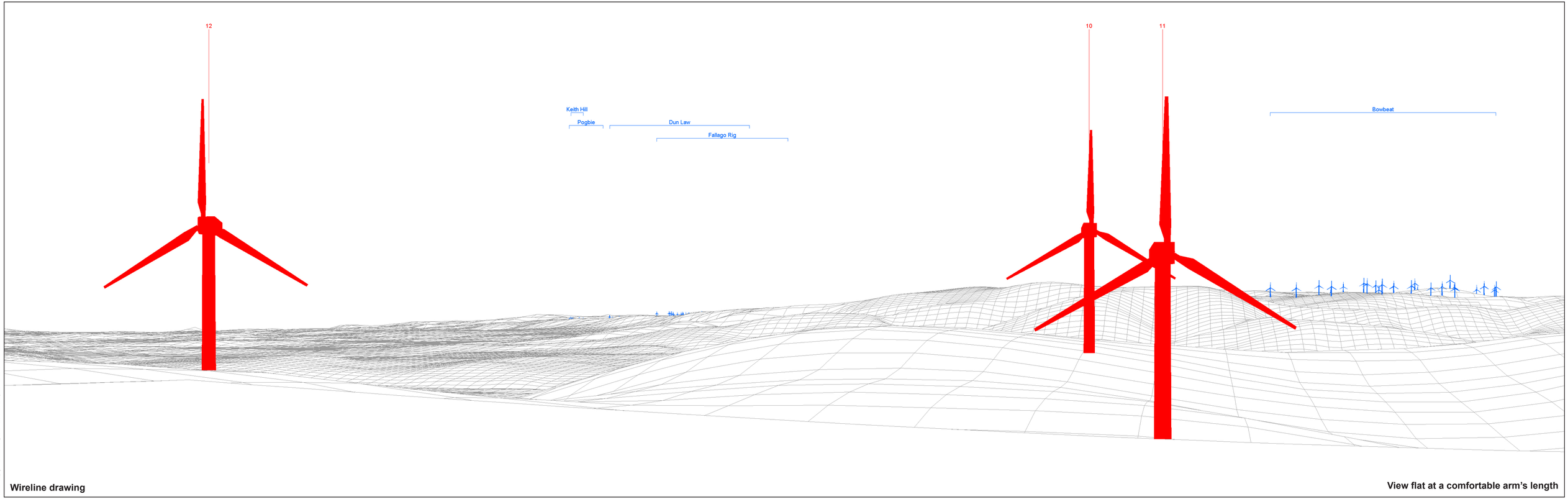
OS reference:	320880E 637319N	Horizontal field of view:	53.5° (planar projection)
AOD:	335 m	Principal distance:	812.5 mm
Direction of view:	357°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	8.7 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 6.12

SM3051 Woodhouse Hill Fort



Wireline drawing

View flat at a comfortable arm's length

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LUC

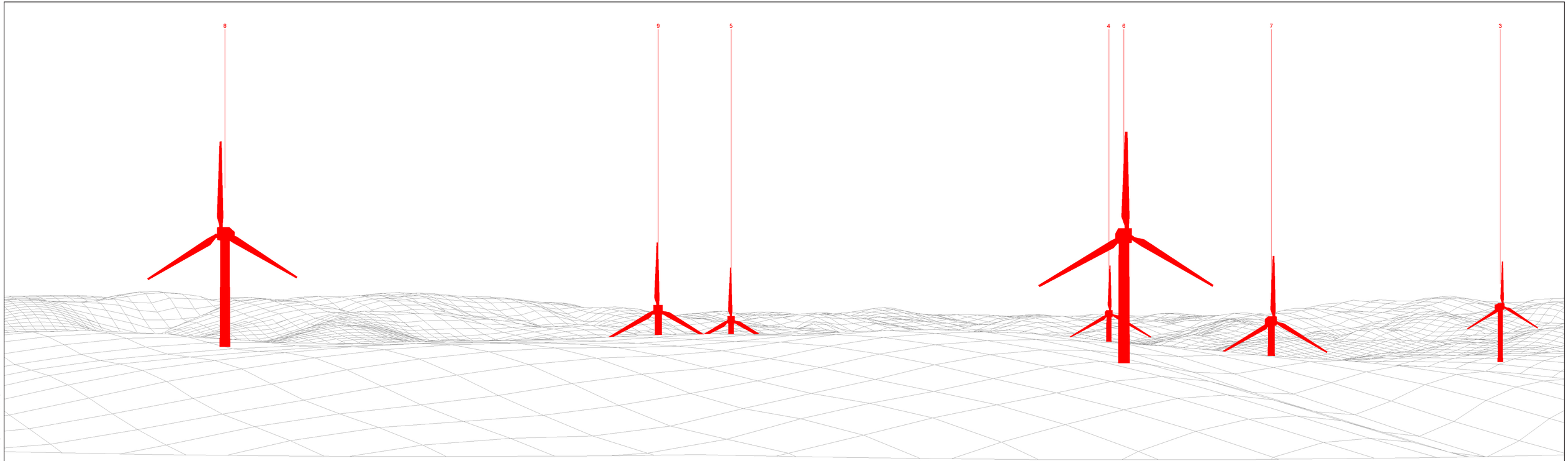
OS reference:	319465E 648376N	Horizontal field of view:	53.5° (planar projection)
AOD:	474 m	Principal distance:	812.5 mm
Direction of view:	76°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	0.7 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 6.13.1

SM2738 Wether Law Cairn



Wireline drawing

View flat at a comfortable arm's length

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LUC

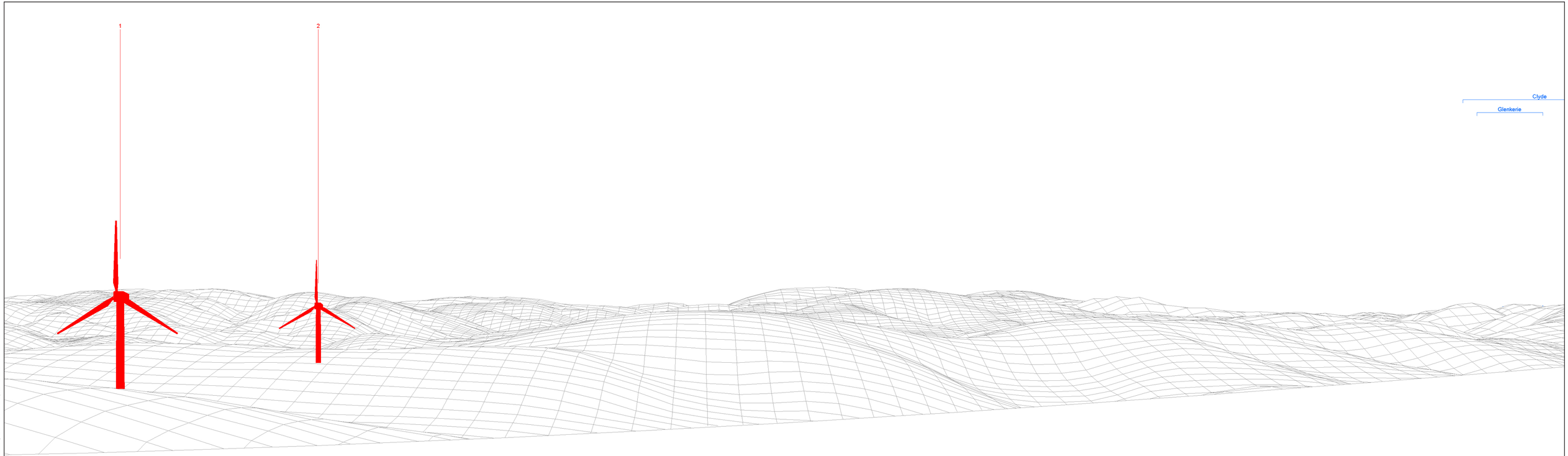
OS reference:	319465E 648376N	Horizontal field of view:	53.5° (planar projection)
AOD:	474 m	Principal distance:	812.5 mm
Direction of view:	129.5°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	0.7 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 6.13.2

SM2738 Wether Law Cairn



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Wireline drawing

View flat at a comfortable arm's length

LUC

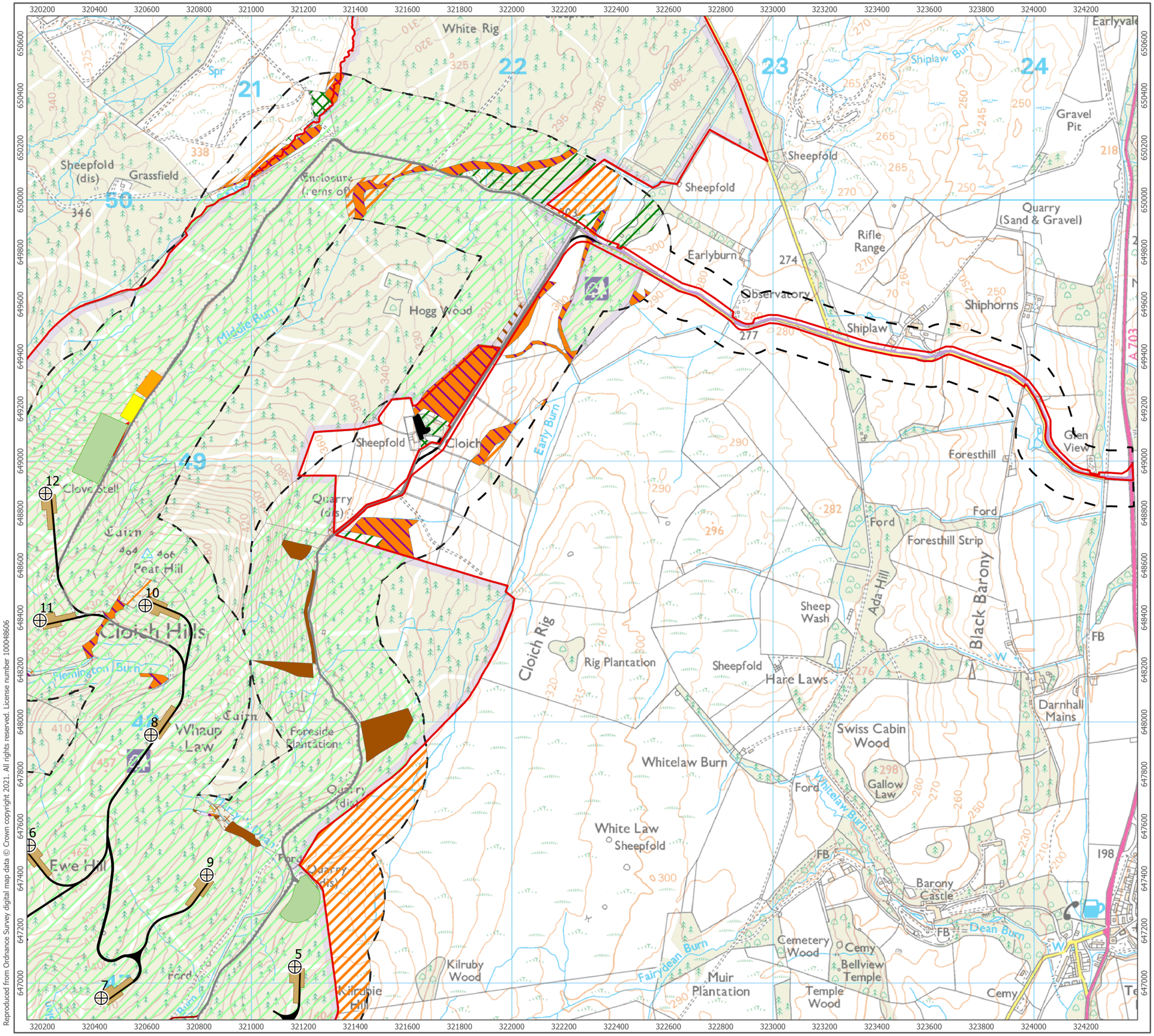
OS reference:	319465E 648376N	Horizontal field of view:	53.5° (planar projection)
AOD:	474 m	Principal distance:	812.5 mm
Direction of view:	183°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	0.7 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key (by status):
- Proposed scheme
- Operational
- Under construction

Cloich

Figure: 6.13.3

SM2738 Wether Law Cairn



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P:\Projects\Ecology\Projects\3439 Cloich Wind Farm EIA\3439 Cloich Wind Farm EIA.aprx\3439-REP-076 Fig7.1a Habitat Survey Results

eDF renewables

ARCUS

- Site Boundary
- Proposed Turbine Location
- Habitat Survey Area

Site Infrastructure

- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Substation Compound
- New Access Track
- Existing Track (Subject to Localised Upgrades)
- New Track Used by Construction Traffic Only
- Public Road (Subject to Widening Works)

Phase 1 Habitats

- A1.1.2 - Broadleaved woodland - plantation
- A1.2.2 - Coniferous woodland - plantation
- A2.1 - Scrub - dense/ continuous
- A2.2 - Scrub - scattered
- A4.2 - Coniferous woodland - recently felled
- B1.1 - Acid grassland - unimproved
- B1.2 - Acid grassland - semi-improved
- B2.2 - Neutral grassland - semi-improved
- B4 - Improved grassland
- B5 - Marsh/marshy grassland
- B6 - Poor semi-improved grassland
- C1.1 - Bracken - continuous
- C1.2 - Bracken - scattered
- C3.1 - Other tall herb and fern - ruderal
- C3.2 - Other tall herb and fern - non ruderal
- D1.1 - Dry dwarf shrub heath - acid
- E1.8 - Dry modified bog
- I2.1 - Quarry
- J1.1 - Cultivated/disturbed land - arable
- J3.6 - Buildings

1:14,000 Scale @ A3

0 0.3 0.6 km

NORTH

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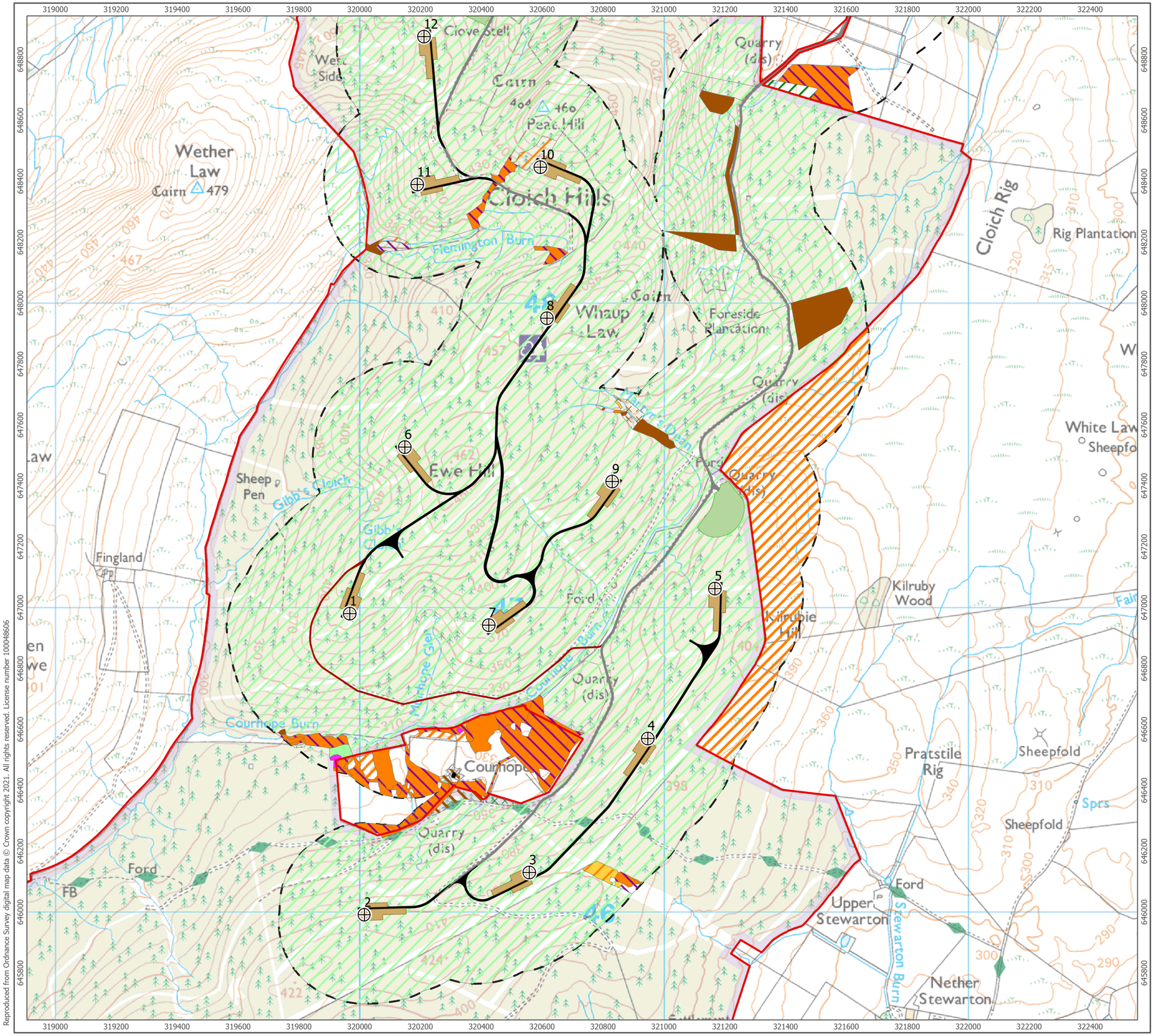
Checked By: SC	Date: 17/06/2021

Habitat Survey Results
Figure 7.1a

Cloich Forest Wind Farm EIA Report



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P:\Projects\Ecology\Projects\3439 Cloich Wind Farm EIA\3439 Cloich Wind Farm EIA.aprx\3439-REP-098 Fig7.1b Habitat Survey Results

Site Boundary
Proposed Turbine Location
Habitat Survey Area

Site Infrastructure
- Borrow Pit
- Crane Hardstanding
- New Access Track
- Existing Track (Subject to Localised Upgrades)
- New Track Used by Construction Traffic Only

Phase 1 Habitats
- A1.1.2 - Broadleaved woodland - plantation
- A1.2.1 - Coniferous woodland - semi-natural
- A1.2.2 - Coniferous woodland - plantation
- A2.2 - Scrub - scattered
- B1.1 - Acid grassland - unimproved
- B1.2 - Acid grassland - semi-improved
- B2.2 - Neutral grassland - semi-improved
- B4 - Improved grassland
- B5 - Marsh/marshy grassland
- B6 - Poor semi-improved grassland
- C1.1 - Bracken - continuous
- C1.2 - Bracken - scattered
- C3.1 - Other tall herb and fern - ruderal
- C3.2 - Other tall herb and fern - non ruderal
- D1.1 - Dry dwarf shrub heath - acid
- D2 - Wet dwarf shrub heath
- D5 - Dry heath/acid grassland
- E1.8 - Dry modified bog
- E2.1 - Flush and spring - acid/ neutral flush
- J3.6 - Buildings

1:12,000 Scale @ A3

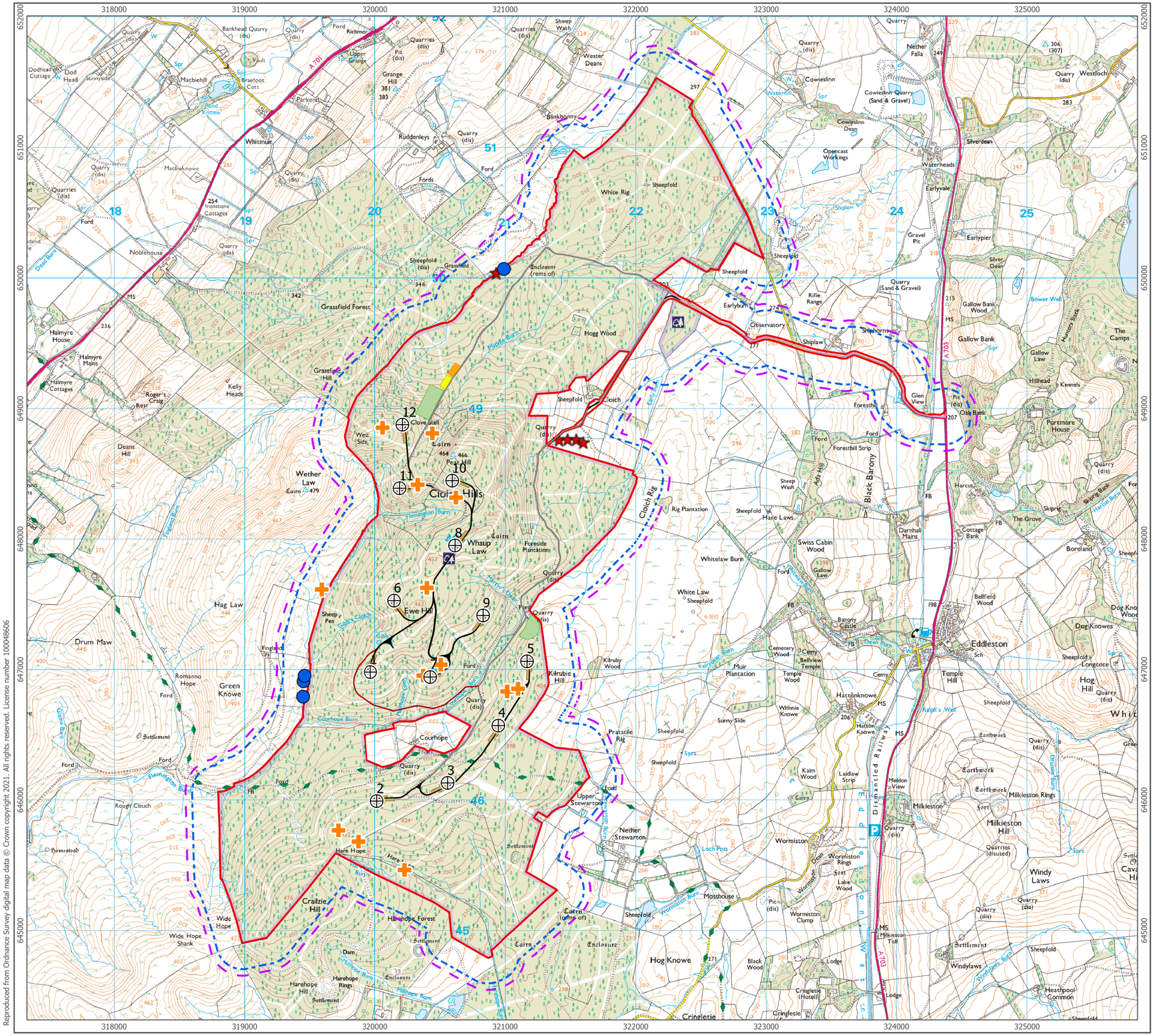
0 0.3 0.6 km

NORTH

Produced By: ST	Ref: 3439-REP-098
Checked By: SC	Date: 17/06/2021

Habitat Survey Results
Figure 7.1b

Cloich Forest Wind Farm EIA Report


318000
319000
320000
321000
322000
323000
324000
325000
652000
651000
650000
649000
648000
647000
646000
645000
Site Boundary
Proposed Turbine Location
Site Infrastructure
Borrow Pit
Construction Compound
Crane Hardstanding
Substation Compound
New Access Track
Existing Track (Subject to Localised Upgrades)
New Track Used by Construction Traffic Only
Public Road (Subject to Widening Works)
Survey Areas
Otter (200m Buffer)
Pine Marten (250m Buffer)
Protected Species Signs
Otter
Pine marten
GCN HSI Ponds
1:28,000 Scale @ A3
0
0.5
1 km
NORTH
Produced By: ST
Ref: 3439-REP-099
Checked By: SC
Date: 17/06/2021
Protected Species Survey Results
Figure 7.2
Cloich Forest Wind Farm
EIA Report
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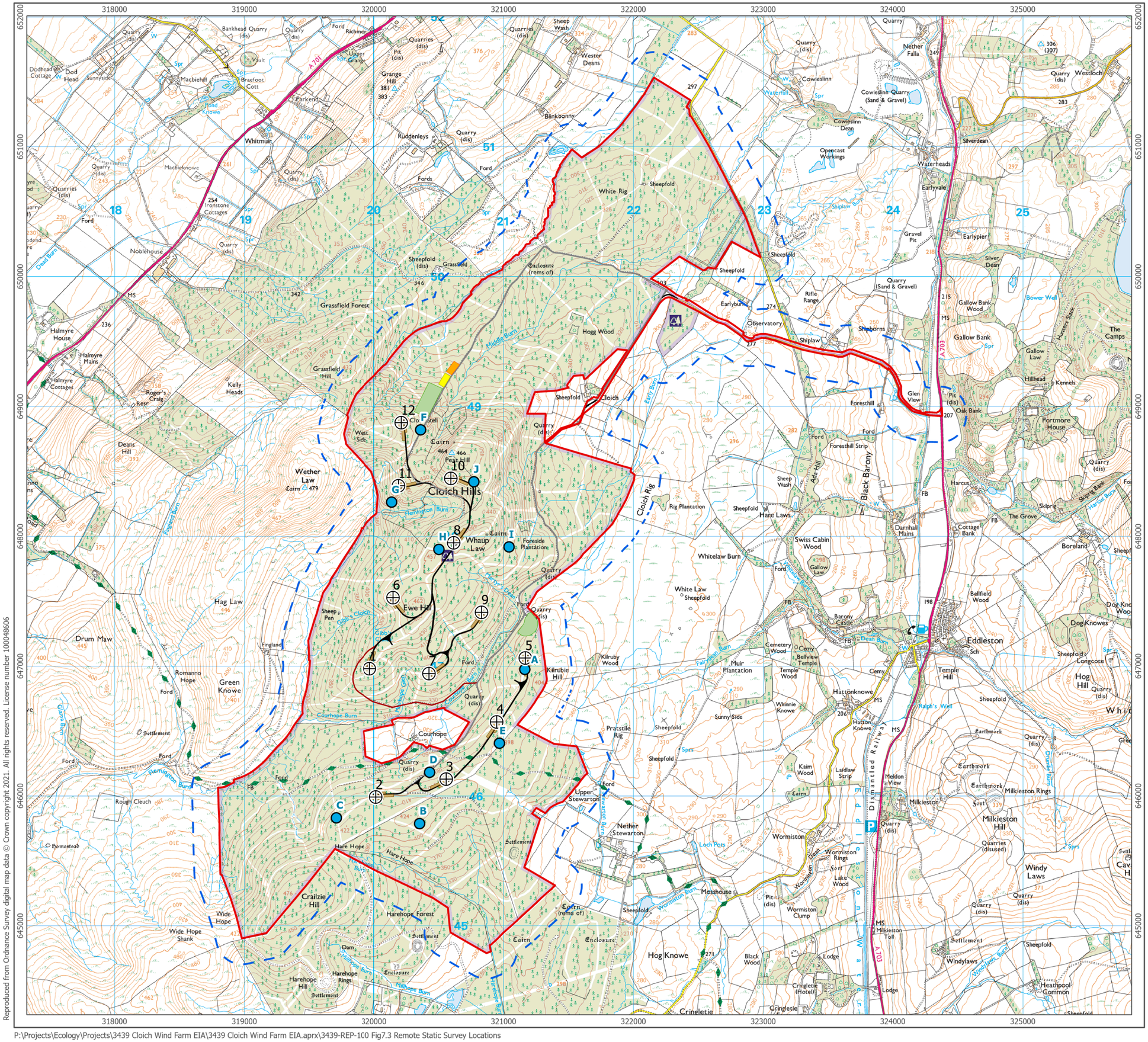
P:\Projects\Ecology\Projects\3439 Cloich Wind Farm EIA\3439 Cloich Wind Farm EIA.aprx\3439-REP-099 Fig7.2 Protected Species Survey Results



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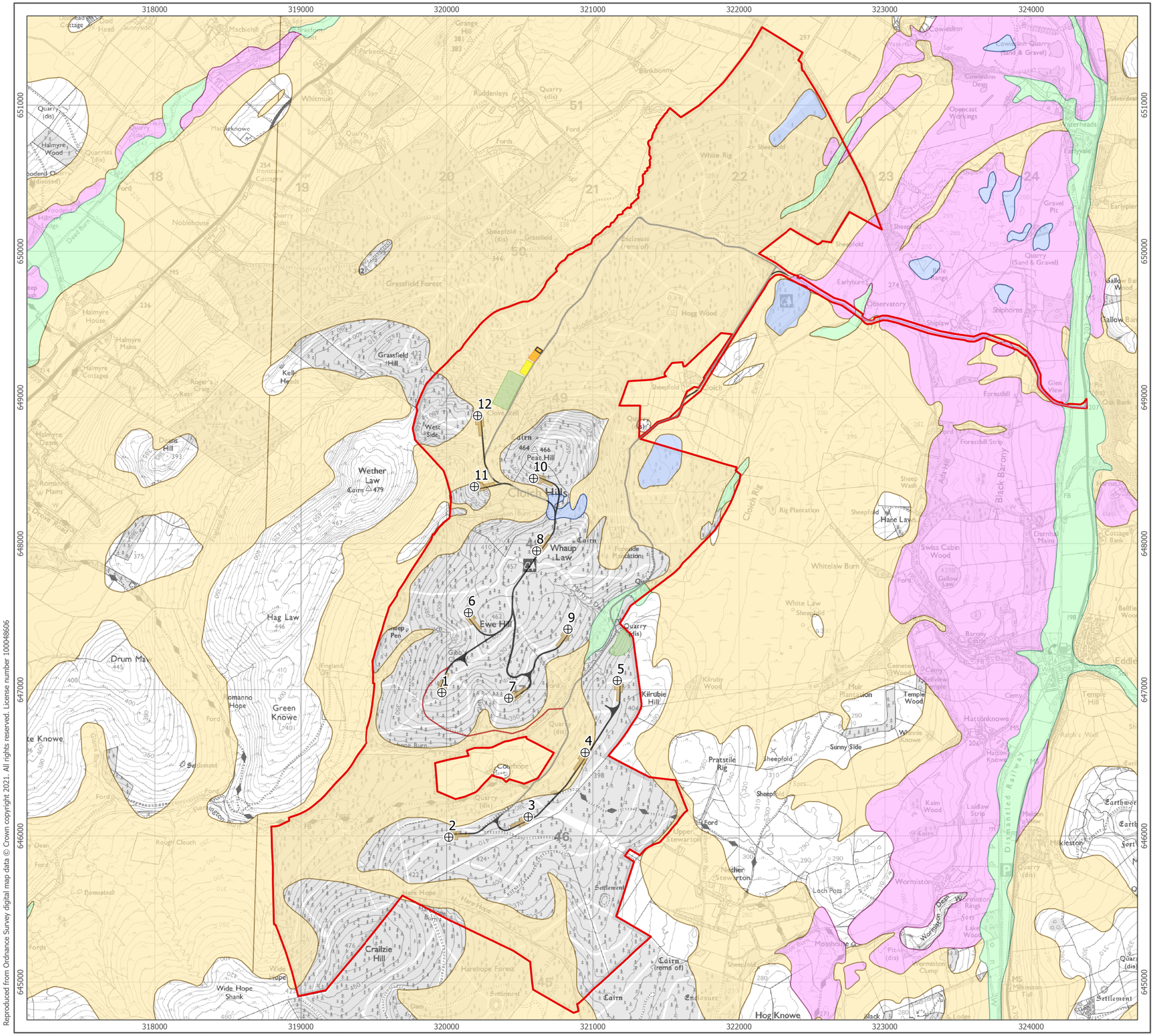
Checked By: SC	Date: 17/06/2021

Bat Survey Area and Remote Static Survey Locations
Figure 7.3

Cloich Forest Wind Farm EIA Report

P:\Projects\Ecology\Projects\3439 Cloich Wind Farm EIA\3439 Cloich Wind Farm EIA.aprx\3439-REP-100 Fig7.3 Remote Static Survey Locations



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P:\Projects\Engineering\Projects\3439 Cloich\3439 Cloich.aprx\3439-REP-014 Fig9.1 Superficial Geology

eDF renewables

ARCUS

- Site Boundary
- Proposed Turbine Location

Proposed Site Infrastructure

- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Substation Compound
- BESS Location
- New Access Track
- New Track Used by Construction Traffic Only
- Existing Track (Subject to Localised Upgrades)
- Public Road (Subject to Widening Works)

Superficial Geology

- Alluvium
- Glaciofluvial Deposits
- Peat
- Till, Devensian
- Superficial Area Not Mapped

1:25,000 Scale @ A3

0 0.5 1 Km

NORTH

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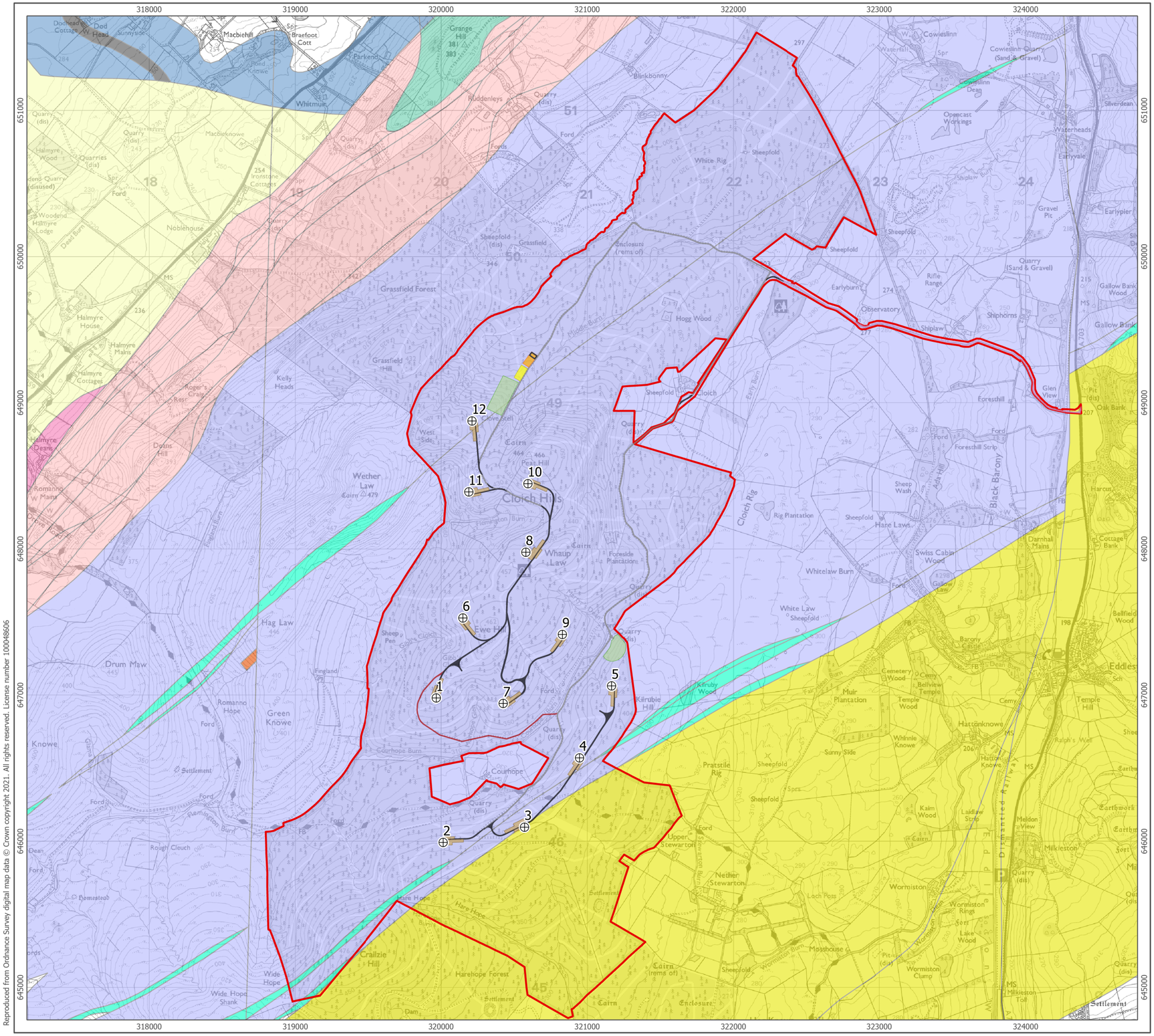
Checked By: SC	Date: 07/05/2021

Superficial Soils
Figure 9.1

Cloich Forest Wind Farm
EIA Report



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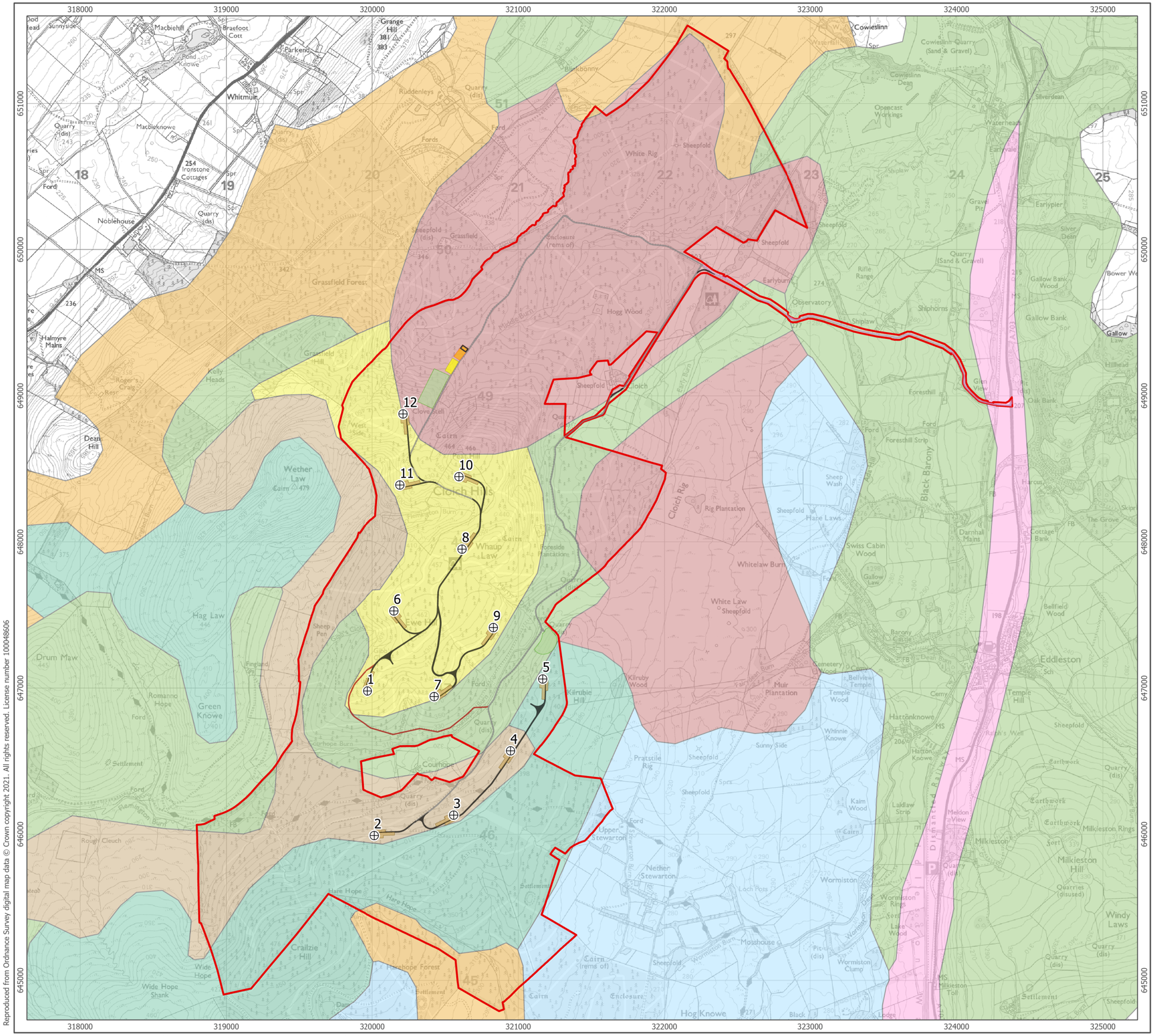
Bedrock Geology
Figure 9.2

Cloich Forest Wind Farm
EIA Report

P:\Projects\Engineering\Projects\3439 Cloich\3439 Cloich.aprx\3439-REP-015 Fig9.2 Bedrock Geology



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eDF renewables

ARCUS

- Site Boundary
- ⊕ Proposed Turbine Location

Proposed Site Infrastructure

- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Substation Compound
- BESS Location
- New Access Track
- New Track Used by Construction Traffic Only
- Existing Track (Subject to Localised Upgrades)
- Public Road (Subject to Widening Works)

National Soils of Scotland

- Alluvial soils
- Brown forest soils
- Brown forest soils; some brown forest soils with gleying
- Noncalcareous gleys; some brown forest soils with gleying
- Peaty gleys, noncalcareous gleys
- Peaty gleys, peat; some peaty podzols
- Peaty podzols; some humus-iron podzols
- Peaty podzols; some peaty gleys, peat

1:25,000 Scale @ A3

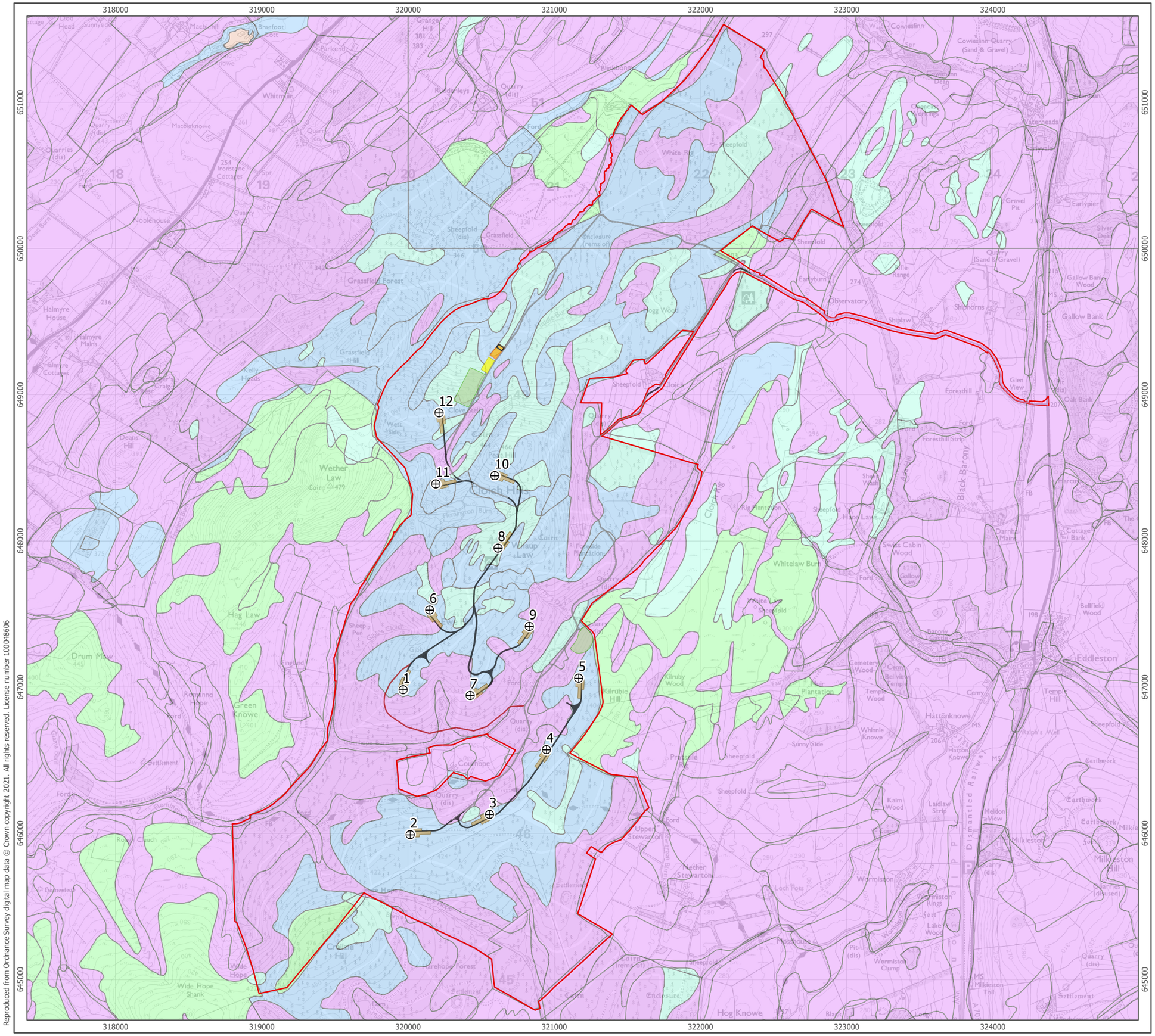
0 0.5 1 Km

NORTH

Produced By: BM	Ref: 3439-REP-016
Checked By: SC	Date: 07/05/2021

National Soils of Scotland
Figure 9.3

Cloich Forest Wind Farm
EIA Report



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P:\Projects\Engineering\Projects\3439 Cloich\3439 Cloich.aprx\3439-REP-017 Fig9.4 Carbon and Peatland Map (2016,SNH)

eDF renewables

ARCUS

- Site Boundary
- ⊕ Proposed Turbine Location

Proposed Site Infrastructure

- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Substation Compound
- BESS Location
- New Access Track
- New Track Used by Construction Traffic Only
- Existing Track (Subject to Localised Upgrades)
- Public Road (Subject to Widening Works)

Carbon and Peatland Map (2016,SNH)

Class

- -2 (Non-soil)
- 0 (Mineral Soils)
- 3 (Dominant Vegetation Cover is not Priority Peatland but is Asociated With Wet and Acidic Type)
- 4 (Area Unlikely to be Associated With Peatland Habitats)
- 5 (No Peatland Habitat Recorded)

1:25,000 Scale @ A3

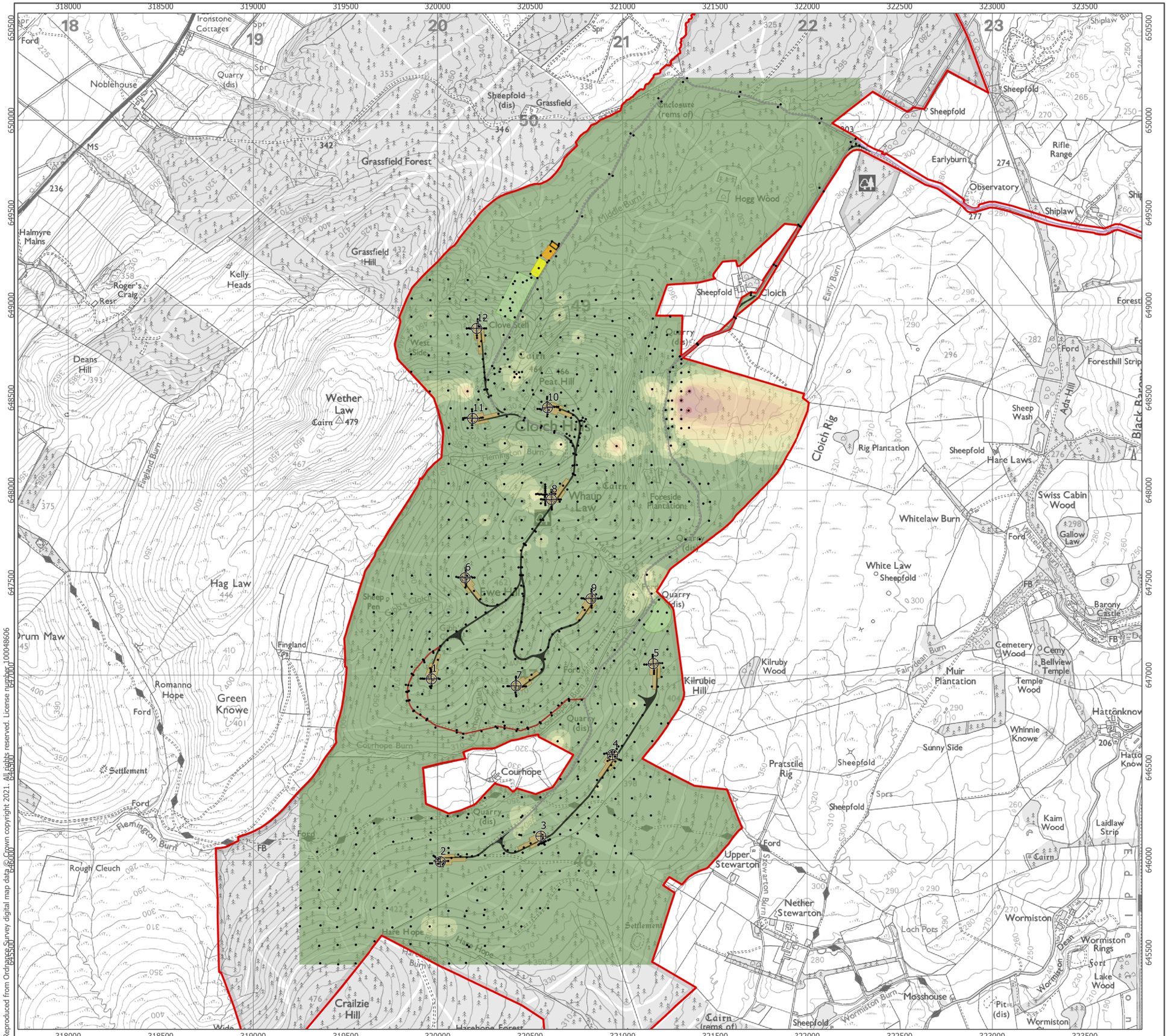
0 0.5 1 Km

NORTH

Produced By: BM	Ref: 3439-REP-017
Checked By: SC	Date: 05/05/2021

Carbon and Peatland Map (2016,SNH)
Figure 9.4

Cloich Forest Wind Farm EIA Report



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P:\Projects\Engineering\Projects\3439 Cloich\3439 Cloich.aprx\3439-REP-018 Fig9.5 Interpolated Peat Depths

eDF renewables

ARCUS

- Site Boundary
- Proposed Turbine Location
- Peat Probe Location

Proposed Site Infrastructure

- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Substation Compound
- BESS Location
- New Access Track
- New Track Used by Construction Traffic Only
- Existing Track (Subject to Localised Upgrades)
- Public Road (Subject to Widening Works)

Interpolated Peat Depths (m)

- 0.00 - 0.50
- 0.51 - 1.00
- 1.01 - 1.50
- 1.51 - 2.00
- 2.01 - 2.50
- 2.51 - 3.00
- 3.01 - 3.50
- 3.51 - 4.00
- 4.01 - 4.50
- 4.51 - 5.00

1:20,000 Scale @ A3

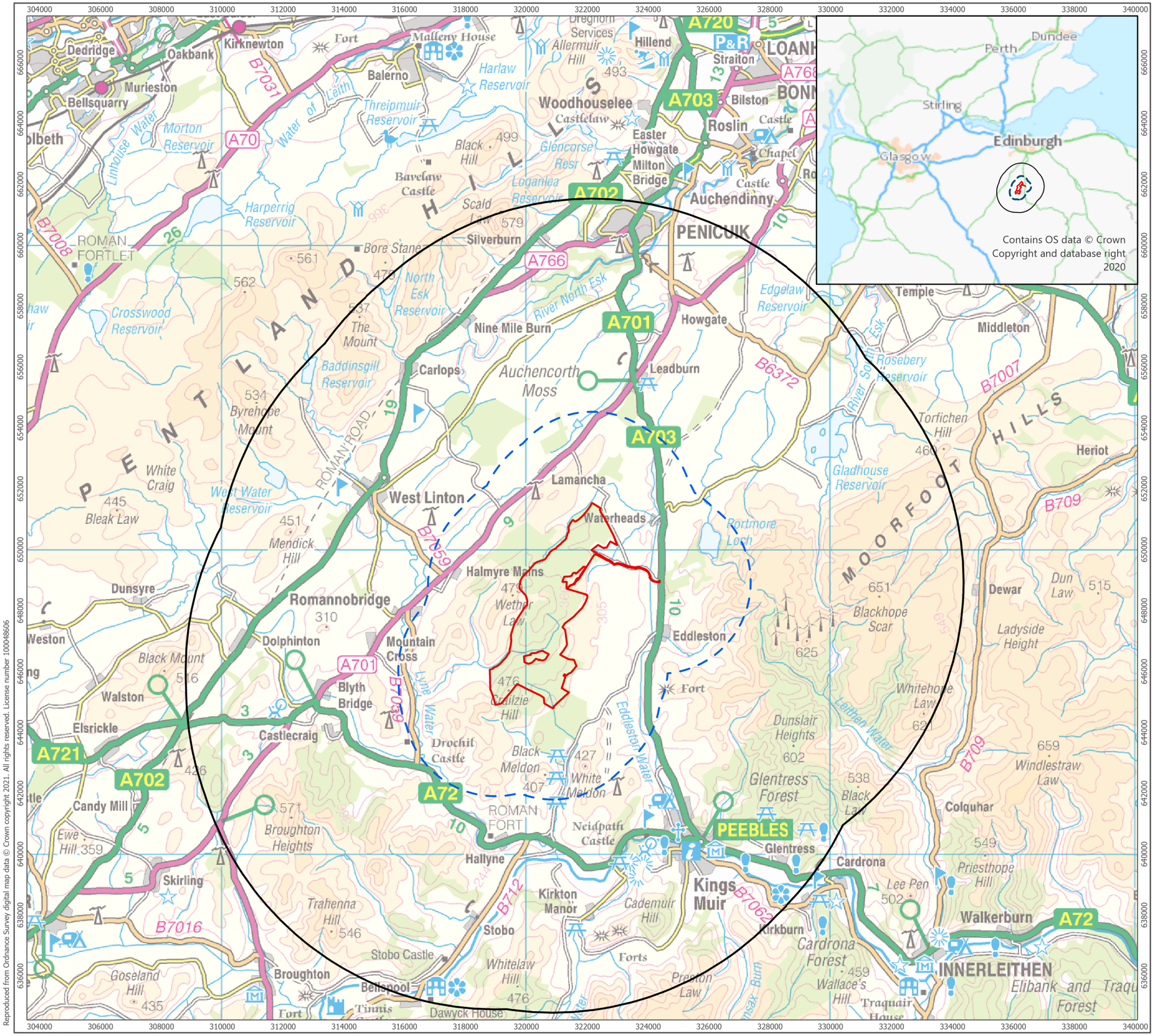
0 0.5 1 km

NORTH

Produced By: BM	Ref: 3439-REP-018
Checked By: SC	Date: 07/05/2021

Interpolated Peat Depths
Figure 9.5

Cloich Forest Wind Farm
EIA Report



1:120,000 Scale @ A3

0 2 4 km

NORTH

Produced By: JC	Ref: 3439-REP-012
Checked By: SC	Date: 09/06/2021

Hydrology Study Area
Figure 10.1

Cloich Forest Wind Farm
EIA Report

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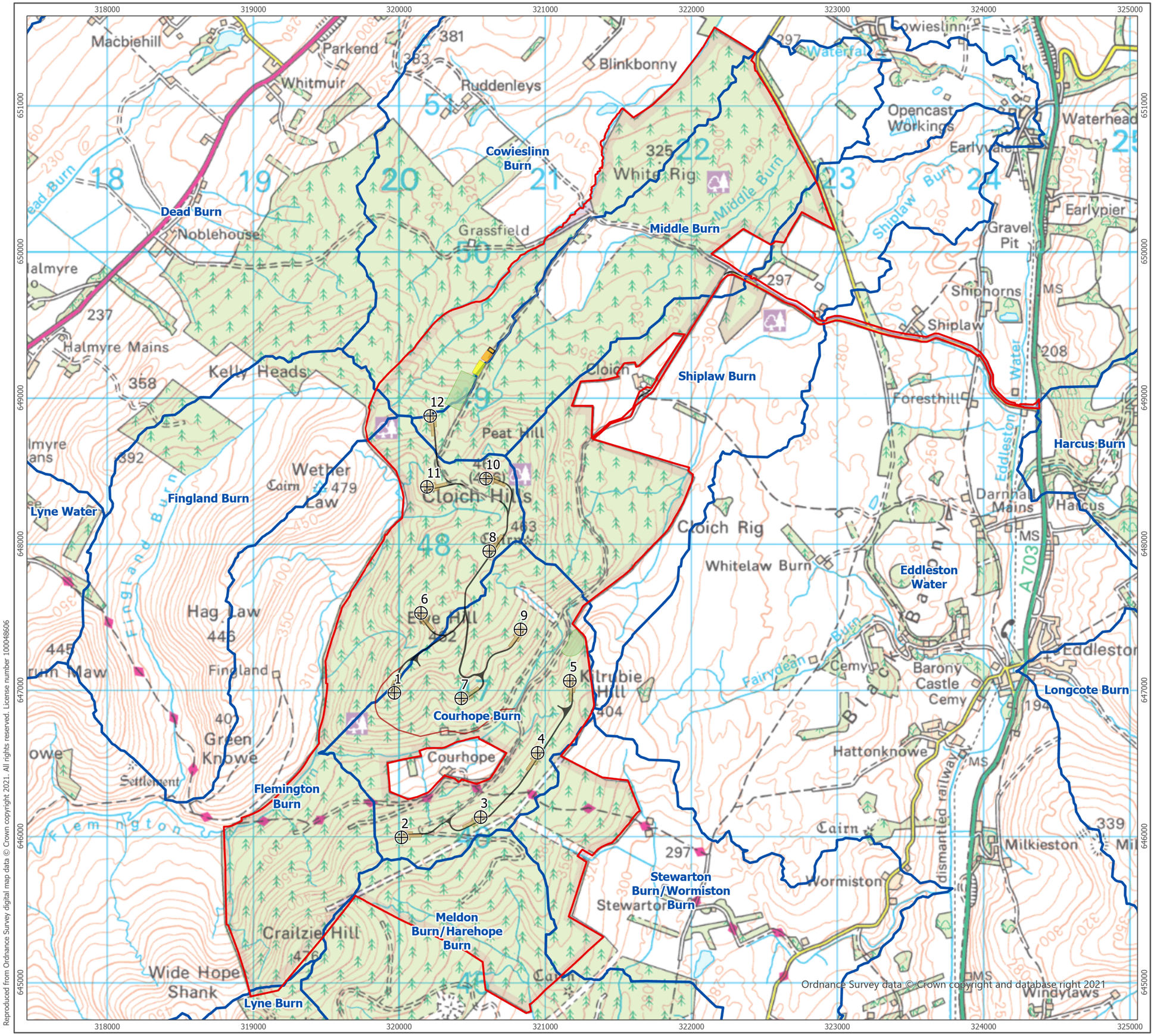
P:\Projects\Hydrology\Projects\3439 Cloich\3439 Cloich.aprx\3439-REP-012 Fig 10.1 Hydrology Study Area



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P:\Projects\Hydrology\Projects\3439 Cloich\3439 Cloich.aprx\3439-REP-013 Fig 10.2 Hydrological Catchments

eDF renewables

ARCUS

- Site Boundary
- Proposed Turbine Location
- Catchments

Site Infrastructure

- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Substation Compound
- BESS Location
- New Access Track
- New Track Used by Construction Traffic Only
- Existing Track (Subject to Localised Upgrades)
- Public Road (Subject to Widening Works)

1:25,000 Scale @ A3

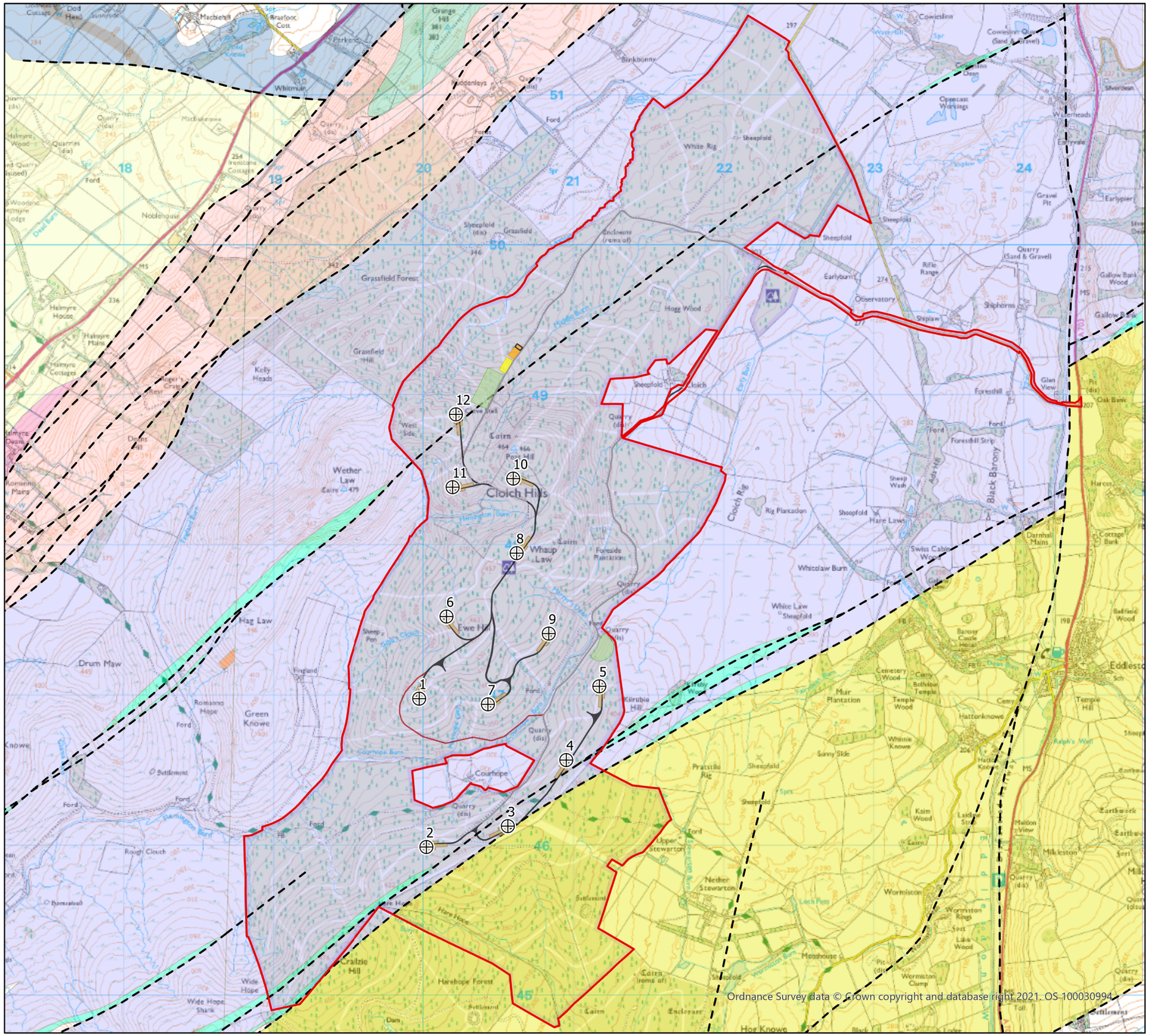
0 0.5 1 km

NORTH

Produced By: JC	Ref: 3439-REP-013
Checked By: SC	Date: 09/06/2021

Hydrological Catchments
Figure 10.2

Cloich Forest Wind Farm
EIA Report



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- Site Boundary
- Proposed Turbine Location

Site Infrastructure

- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Substation Compound
- BESS Location
- New Access Track
- New Track Used by Construction Traffic Only
- Existing Track (Subject to Localised Upgrades)
- Public Road (Subject to Widening Works)
- Fault Line

Bedrock Geology

- Kirkcolm Formation
- Moffat Shale Group
- Portpatrick Formation
- Auchtitench Sandstone Formation
- Biggar Volcanic Formation
- Clyde Plateau Volcanic Formation
- Lamancha Conglomerate Formation
- Leadhills Supergroup
- Marchburn Formation
- Strathclyde Group

1:25,000 Scale @ A3

0 0.5 1 km

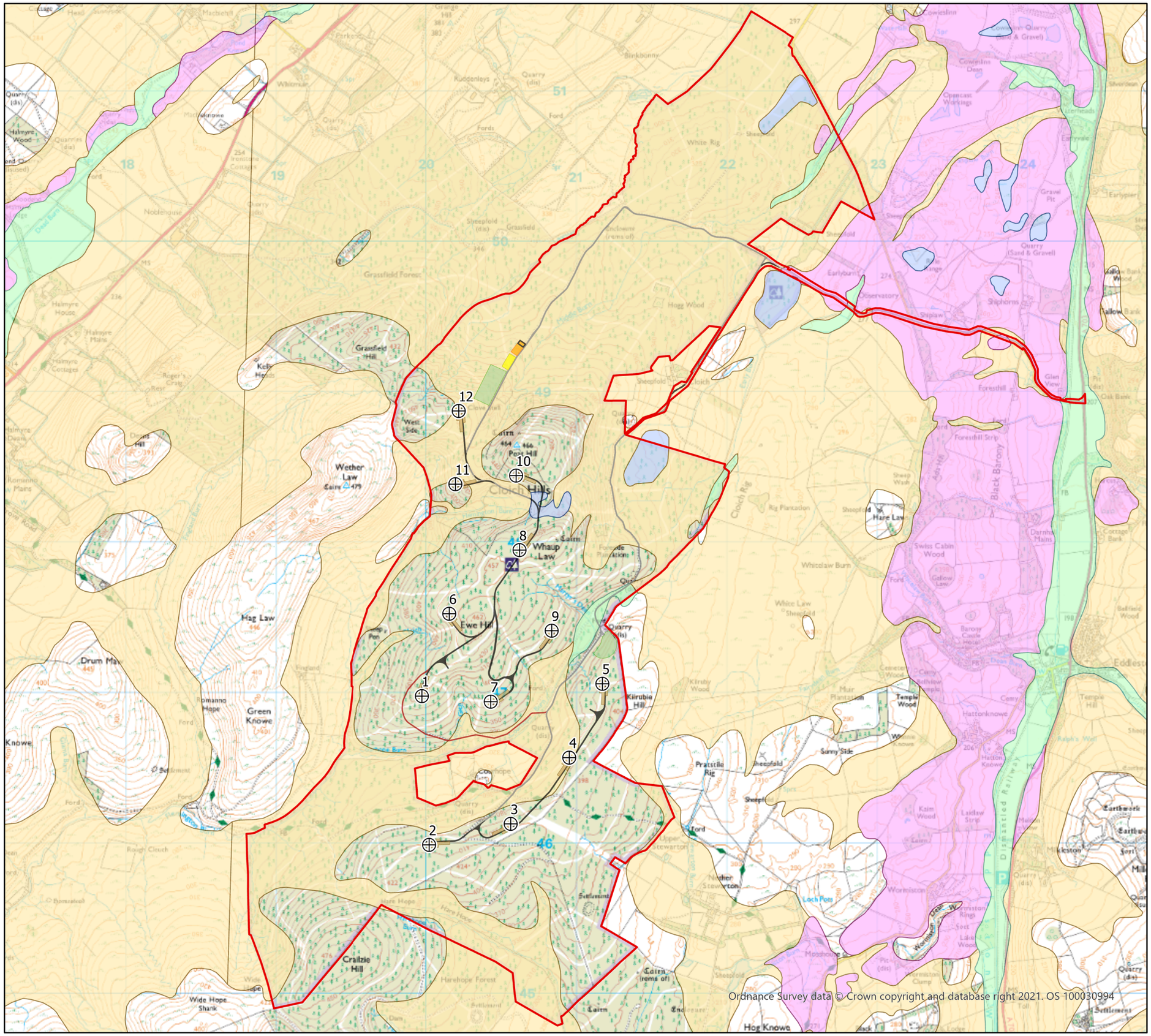
NORTH

Produced By: CA	Ref: 3439-REP-080
Checked By: SC	Date: 09/06/2021

Solid Geology
Figure 10.3

Cloich Forest Wind Farm
EIA Report

P:\Projects\Hydrology\Projects\3439 Cloich\3439 Cloich.aprx\3439-REP-080 Fig 10.3 Solid Geology



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P:\Projects\Hydrology\Projects\3439 Cloich\3439 Cloich.aprx\3439-REP-081 Fig 10.4 Superficial Deposits

eDF renewables

ARCUS

- Site Boundary
- Proposed Turbine Location

Site Infrastructure

- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Substation Compound
- BESS Location
- New Access Track
- New Track Used by Construction Traffic Only
- Existing Track (Subject to Localised Upgrades)
- Public Road (Subject to Widening Works)

Superficial Geology

- Alluvium
- Glaciofluvial Deposits
- Peat
- Till, Devensian
- Superficial Area Not Mapped

1:25,000 Scale @ A3

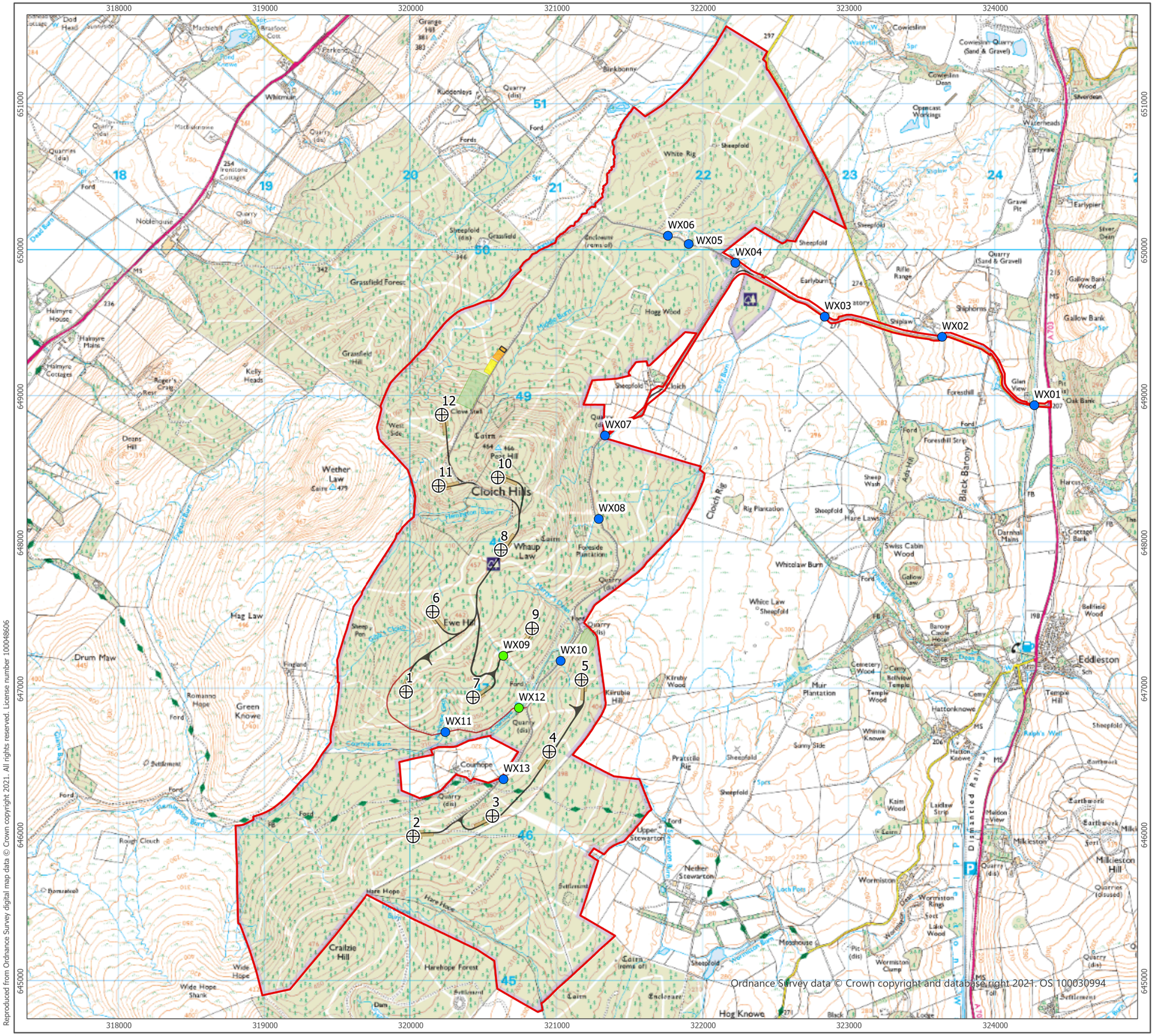
0 0.5 1 km

NORTH

Produced By: CA	Ref: 3439-REP-081
Checked By: SC	Date: 09/06/2021

Superficial Deposits
Figure 10.4

Cloich Forest Wind Farm
EIA Report



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P:\Projects\Hydrology\Projects\3439 Cloich\3439 Cloich.aprx\3439-REP-083 Fig 10.5 Watercourse Crossings

EDF renewables

ARCUS

- Site Boundary
- Proposed Turbine Location

Site Infrastructure

- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Substation Compound
- BESS Location
- New Access Track
- New Track Used by Construction Traffic Only
- Existing Track (Subject to Localised Upgrades)
- Public Road (Subject to Widening Works)

Watercourse Crossings

- New
- Upgraded

1:25,000 Scale @ A3

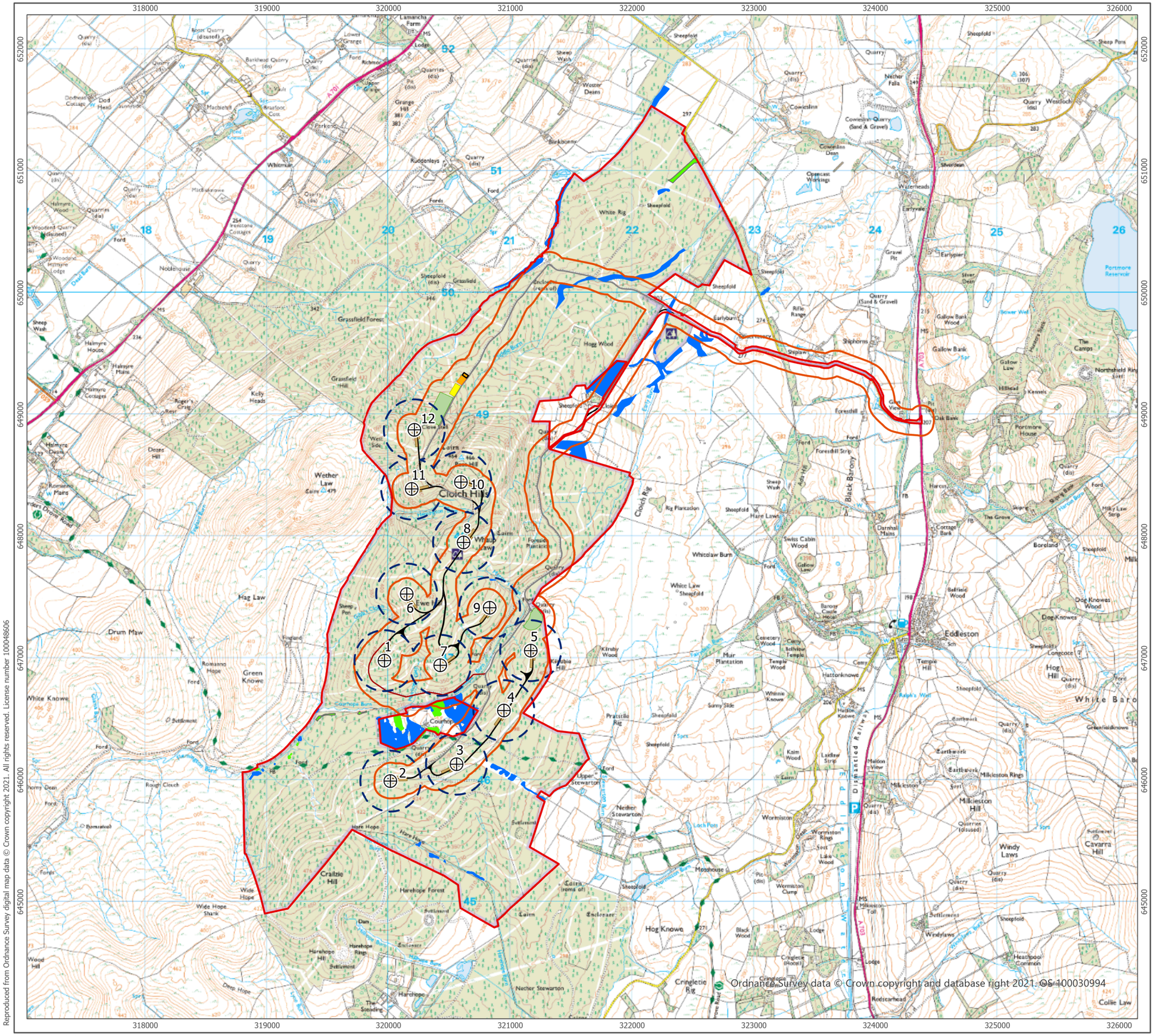
0 0.5 1 km

NORTH

Produced By: CA	Ref: 3439-REP-083
Checked By: SC	Date: 09/06/2021

Watercourse Crossings
Figure 10.5

Cloich Forest Wind Farm
EIA Report



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eDF renewables

ARCUS

- Site Boundary
- Proposed Turbine Location
- 100 m Buffer of Infrastructure Requiring Excavation < 1 m
- 250 m Buffer of Infrastructure Requiring Excavation > 1 m

Site Infrastructure

- Borrow Pit
- Construction Compound
- Crane Hardstanding
- Substation Compound
- BESS Location
- New Access Track
- New Track Used by Construction Traffic Only
- Existing Track (Subject to Localised Upgrades)
- Public Road (Subject to Widening Works)

GWDTE Potential

- High
- Moderate

1:30,000 Scale @ A3

0 0.5 1 km

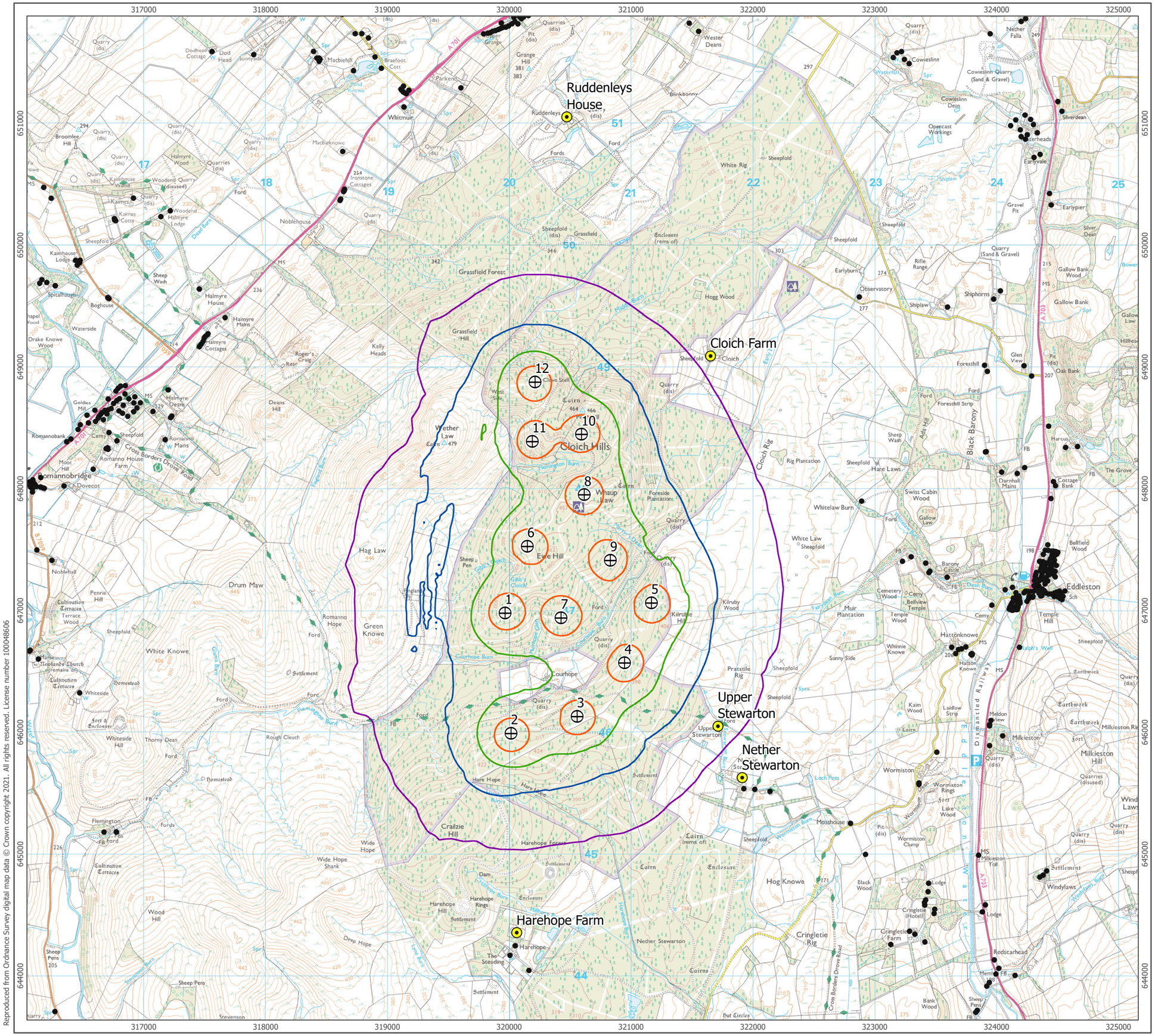
NORTH

Produced By: ST	Ref: 3439-REP-112
Checked By: SC	Date: 09/06/2021

Groundwater Dependent Terrestrial Ecosystems
Figure 10.6

Cloich Forest Wind Farm EIA Report

P:\Projects\Hydrology\Projects\3439 Cloich\3439 Cloich.aprx\3439-REP-112 Fig10.6 GWDTEs



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P:\Projects\Noise\3439 Cloich Wind Farm\Cloich Wind Farm.aprx\3439-REP-061 Fig11.1 Noise Contour Plot

EDF renewables

ARCUS

- ⊕ Proposed Turbine Location
- ⊙ Assessed Receptor
- • Noise Sensitive Receptor

Predicted noise levels, LA90,10min

- 35 dB
- 40 dB
- 45 dB
- 50 dB

1:30,000 Scale @ A3

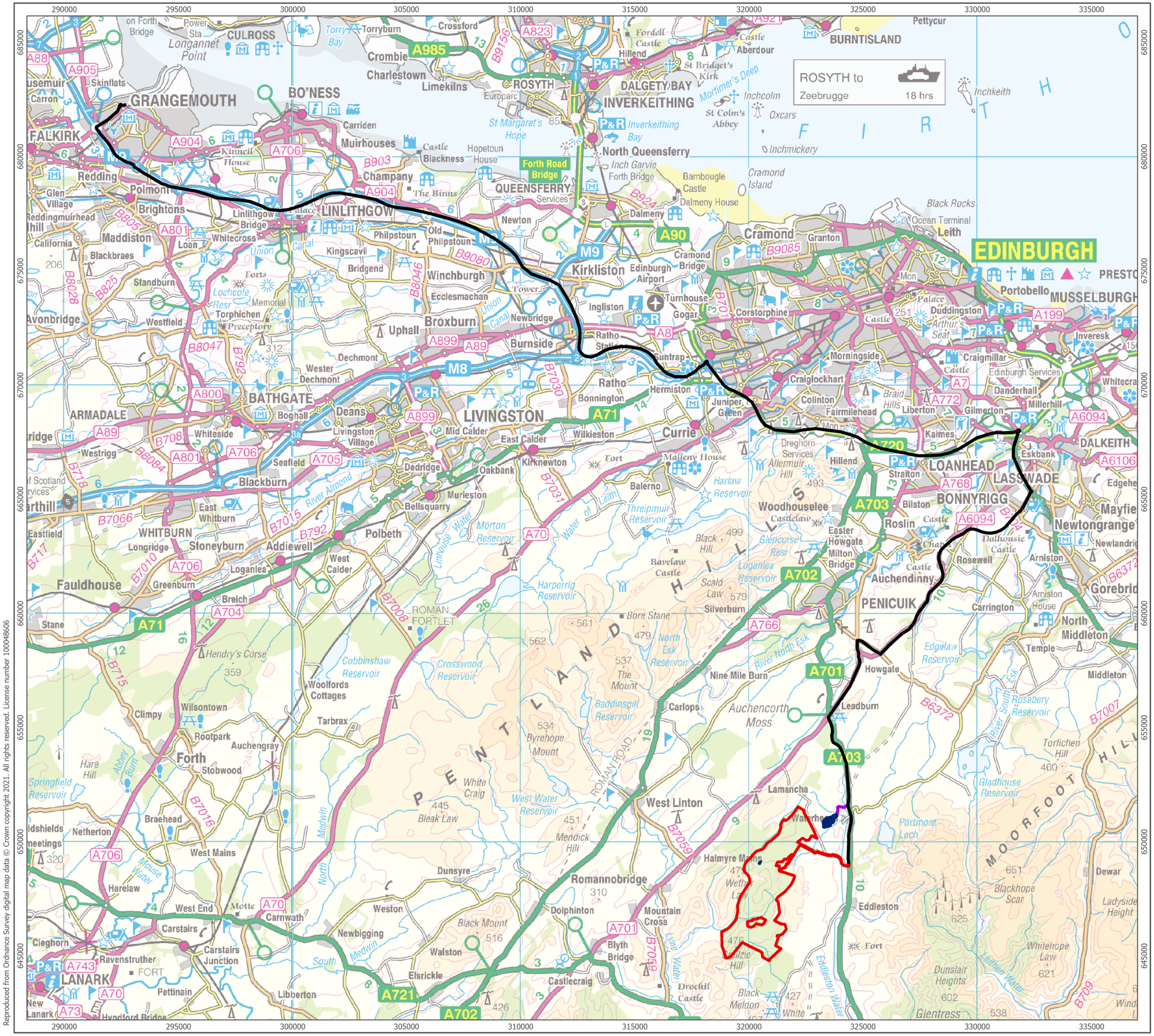
0 0.5 1 km

NORTH

Produced By: ET	Ref: 3439-REP-061
Checked By: SC	Date: 21/06/2021

Noise Contour Plot
Figure 11.1

Cloich Forest Wind Farm
EIA Report


ROSYTH to
Zeebrugge
18 hrs
ROSYTH
GRANGEMOUTH
FALKIRK
BO'NESS
DALGETY BAY
INVERKEITHING
BURNTISLAND
QUEENSFERRY
Forth Road Bridge
North Queensferry
LINLITHGOW
EDINBURGH
Kirkliston
Cramond
Leith
Portobello
MUSSELBURGH
DALKEITH
LOANHEAD
LASSWADE
BONNYRIGG
PENICUIK
BATHGATE
LIVINGSTON
ARMADALE
WHITBURN
Fauldhouse
Currie
Balerno
Ratho
Uphall
Broxburn
Winchburgh
Kirkliston
Dalmeny
Cramond
Corstorphine
Craigmillar
Craiglockhart
Morningside
Colinton
Juniper Green
Hermiston
Ratho Station
Bonnington
Wilkieston
Kirknewton
East Calder
Mid Calder
Livingston Village
Deans
Boghall
Whiteside
Blackburn
Seafield
Dedridge
Oakbank
Murieston
Bellsquarry
Addiewell
Stoneyburn
Polbeth
West Calder
Loganlea
Greenburn
Breich
Longridge
Eastfield
Stane
Harelaw
West End
Carnwath
Carstairs
Carstairs Junction
Cleghorn
Ravenstruther
LANARK
Pettinain
Libberton
New Lanark
Hyndford Bridge
Braehead
Netherton
West Mains
Dunsyre
Romannobridge
Weston
Newbigging
Walston
Elsrickle
Castlecraig
Dolphinton
Blyth Bridge
Mountain Cross
Black Mount
Drochil Castle
Eddleston
Penicuik
Auchendinny
Roslin
Rosewell
Gorebridge
Newtongrange
Arniston
Carrington
Temple
North Middleton
Middleton
Howgate
Nine Mile Burn
Leadburn
Auchencorth Moss
Carlops
West Linton
Lamancha
Silverburn
Milton Bridge
Easter Howgate
Straiton
Bilston
Roslin
Castlelaw
Woodhouselee
Glencorse
Loganlea Reservoir
Harperrig Reservoir
Cobbinshaw Reservoir
Crosswood Reservoir
Threipmuir Reservoir
Harlaw Reservoir
Morton Reservoir
Baddinsgill Reservoir
West Water Reservoir
North Esk Reservoir
Edgelaw Reservoir
Rosebery Reservoir
Gladhouse Reservoir
Portmore Loch
Talla Reservoir
Fauldhouse
Whitburn
Longridge
Stoneyburn
Addiewell
Polbeth
West Calder
Loganlea
Greenburn
Breich
Stane
Hendry's Corse
Woolfords Cottages
Tarbrax
Wilsontown
Climpy
Rootpark
Auchengray
Forth
Stobwood
Braehead
Netherton
West Mains
Harelaw
West End
Carnwath
Carstairs
Carstairs Junction
Cleghorn
Ravenstruther
LANARK
Pettinain
Libberton
New Lanark
Hyndford Bridge
Dunsyre
Romannobridge
Weston
Newbigging
Walston
Elsrickle
Castlecraig
Dolphinton
Blyth Bridge
Mountain Cross
Black Mount
Drochil Castle
Eddleston
Penicuik
Auchendinny
Roslin
Rosewell
Gorebridge
Newtongrange
Arniston
Carrington
Temple
North Middleton
Middleton
Howgate
Nine Mile Burn
Leadburn
Auchencorth Moss
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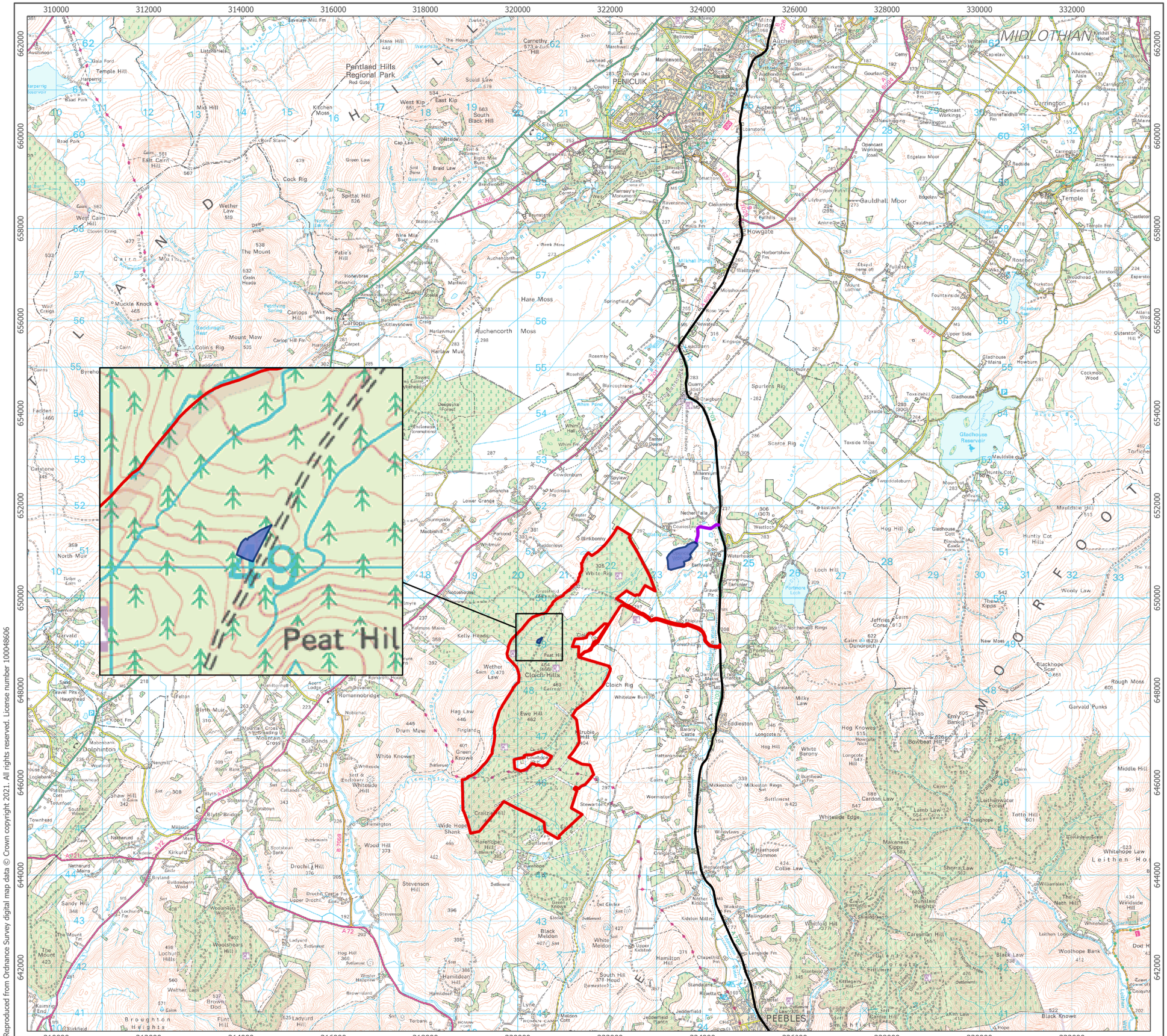
Harlaw Reservoir
Morton Reservoir
Baddinsgill Reservoir
West Water Reservoir
North Esk Reservoir
Edgelaw Reservoir
Rosebery Reservoir
Gladhouse Reservoir
Portmore Loch
Talla Reservoir
PENTLAND HILLS
MOORFOOT HILLS
FIRTH
Inchkeith
Inchcolm
Oxcars
Inchmickery
Cramond Island
Black Rocks
Ocean Terminal
Granton
Barnbougle Castle
Dalmeny House
Forth Bridge
Inch Garvie
Mortimer's Deep
St Colm's Abbey
St Bridget's Kirk
Fordell Castle
Hillend
Aberdour
Pettycur
Crossford
Torryburn
Crombie
Charlestown
Limekilns
Europarc
St Margaret's Hope
Castle Blackness
Hopetoun House
Kinneil House
Muirhouses
Carriden
Champany
The Binns
Polmont
Redding
Glen Village
Reddingmuirhead
Brighton's
Maddiston
Loan
Whitecross
Linlithgow Bridge
Philpstoun
Old Philpstoun
Kingscavil
Bridgend
Newton
Union Canal
Forts
Lochcote
Torphichen
Preceptory
Memorial
Standburn
Westfield
Avonbridge
Dechmont
Wester Dechmont
Ecclesmachan
Newbridge
Tower
Ingliston
Edinburgh Airport
Turnhouse
Gogar
Ratho Station
Suntrap
Burnside
Broxburn
Uphall
Deans
Livingston Village
Mid Calder
East Calder
Wilkieston
Currie
Juniper Green
Colinton
Fairmilehead
Liberton
Gilmerton
Craigmillar
Duddingston
Arthur's Seat
Portobello
Inveresk
Musselburgh
Whitecraig
Danderhall
Millerhill
Edinburgh Services
Eskbank
Dalkeith
Kaimes
Hillend
Dreghorn Services
Allermuir Hill
Braid Hills
Morningside
Craiglockhart
Corstorphine
Cramond
Granton
Leith
Black Rocks
Ocean Terminal
Cramond Island
Barnbougle Castle
Dalmeny House
Forth Bridge
Inch Garvie
Mortimer's Deep
St Colm's Abbey
Inchcolm
Oxcars
Inchmickery
Inchkeith


Peat Hil
Pentland Hills Regional Park
PENICUIK
MIDLOTHIAN
Howgate
Gladhouse Reservoir
Cloich Hills
PEEBLES
Carlops
Auchencorth Moss
Hare Moss
Gauldhall Moor
Edgelaw Moor
Spurtens Rig
Scarce Rig
Toxside Moss
Whim Pond
Milkhall Pond
Mount Maw
Muckle Knock
Wether Law
Cock Rig
Kelly Heads
Cloich Rig
Whitelaw Burn
Eddleston
Dolphinton
Romannobridge
Blyth Bridge
Drochil Hill
Stevenson Hill
Broughton Heights
Lochurn Hills
Black Meldon
White Meldon
Dunsyre Hill
Whitfold Hill
Caresman Hill
Dunsyre Heights
Woolhope Bank
Black Law
Black Knowe
Garvald Punks
Rough Moss
Blackhope Scar
Mauldslie Hill
Huntly Cot Hills
Loch Hill
Portmore Loch
Hog Hill
Whitelaw Edge
Lamb Law
Totto Hill
Leithenwater Forest
Shiera Law
Dunsyre Heights
Whitehope Law
Middle Hill
Windyside Hill
Torfichen
Carrington
Temple
Gladhouse Mains
Howburn
Cockmoor Wood
Roseberry
Fountainside
Upper Side
Outerston
Outerston Hill
Broadwood Br
Broadwood
Arniston
Redside
Edgelaw
Lilyburn
Upper Penhill
Penhills
Clerkenmill
Ravenswood Fm
Auchendinny
Auchendinny Mains
Loanstone
Opencast Workings (coal)
Opencast Workings
Newbigging
Shewington
Stonefieldhill Fm
Whitehill
Eapielaw
Camly
Thornton
Gourlands
Kirkettle
Broomhouse Castle
Bellyard
Bellwood
Greenbank
Milton Bridge
Milton
Mauricewood
Lawhead Fm
Rullion Green
Marchwood
Carnethy
Scald Law
Kitchen Moss
Mid Hill
West Kip
East Kip
South Black Hill
Silverburn
Cap Law
Whetsted
Braid Law
Green Law
Spittal Hill
Patie's Hill
Nine Mile Burn
Milkhall
Auchencorth
Harlawmuir
Harlaw Muir
Carlops Hill
Colin's Rig
Killeyknowe
Newhall
Fairliehope
Honeybrae
Patiesmill
Wolf Craigs
Byrehope
Faiden
Catstone
North Muir
Garvald
Kelly Burn
Romannobridge
Blyth Muir
Dolphinton
Shaw Hill
Townfoot
Townhead
Kirkurd
Nathanrd
Bryland
Sandy Hill
The Mount
Lochurn
Woolshears Hill
Brown Dod
Flint Hill
Ladyurd Hill
Stirkfield
Kaimrig End
Garvald
Haughhead
Travel Pits
Felton
Mabenbank
Loanbank
Millburn Cott
Southhill Wood
Newmill
Rivin Bank
Parkneck
Whiteside
Whiteside Hill
Scotstoun
Scotstoun Bank
Settlements
Millside
Drochil Castle Fm
Upper Drochil
Woodhead
Hillend
Lochurn Fm
Hog Hill
Ladyurd
Broughton Mains
Broughton Cott
Broughton Place
Kingside
Quarry Heads
Quarry Rigg
Kingside Fm
Rosehill
Blaircochrans
Deepsyke Forest
Enclosed (cremation)
Whim Hall
Whim Fm
Easter Dalmore
Cowdenburn
Millennium Fm
Lower Grange
Sunnyside
Mecbiehill
Noblehouse
Halmyre Mains
Kelly Heads
Wether Law
Wether Cairn
Cairn 479
Cloich Hills
Ewe Hill
Hag Law
Drum Maw
Green Knowe
White Knowe
Courbon
Craiziehill
Wide Hope Shank
Harehope Hill
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Settlement
Green Knowe
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Lyne
Roman Camp
Roman Fort
Torbank
Jedderfield
Jedderfield Plants
Standalane
Rowette
Kittlesnarry Hill
Settlement
Langside Fm
Chapelhill Fm
Hamilton Hill
Kidston Mill
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Mailingsland
Wrikston Fm
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Whitslaid
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Glenbow
Glenbow Cott
Glenbow Castle
Glenbow Forest
Glenbow Lodge
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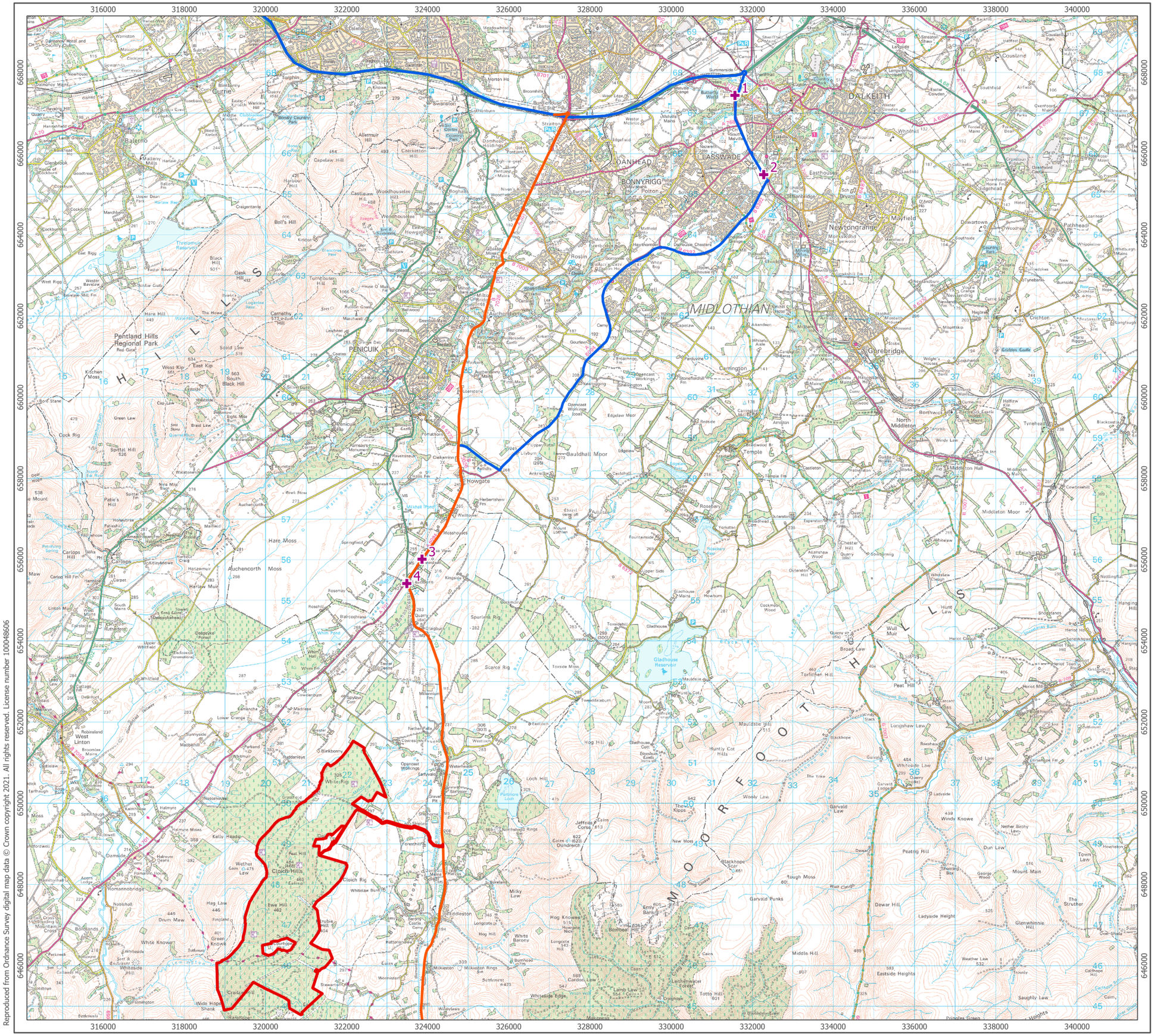
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Gorebridge
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PENICUIK
Pentland Hills Regional Park
Howgate
Bauldhall Mpor
Carrington
Rosewell
Roslin
Auchendinny
Loanhead
Currie
Balerno
Clouch Hills
Cloich Rig
Craigie Hill
Wide Hope Shank
Ewe Hill
Hare Moss
Auchencorth Moss
Harlaw Muir
Carlops
Spittal Hill
Cock Rig
Green Knowe
White Knowe
Whitelee Rig
Foremore Loch
Gladhouse Reservoir
Gladhouse
Mauldslie Hill
Hog Hill
Loch Hill
Jeffries Cairn
Cairn of Dundreich
Blackhope Scar
Garvald Punks
Dewar Hill
Middle Hill
Eastside Heights
Leithenwater Forest
Totto Hill
Whiteside Edge
Hog Knowes
Milky Law
Milkiston
Milkiston Rings
Whitelaw Burn
Cloich Hills
Romannobridge
Noblehall
Borelands
Whitelaw Hill
Whitelaw Burn
Foresthill
Penicuik
Auchencorth
Kingside
Rosehall
Balcorchrane
Spurlens Rig
Scarce Rig
Toxside Moss
Toxside Hill
Whim Hall
Whim Pond
Whim Fm
Dodgeyke Forest
Lower Dodgeyke
Upper Whitfield
Whitfield
Robinsland West Linton
Linton Muir
Deadlaw
Cowieburn
Millennium Fm
Nether Falla
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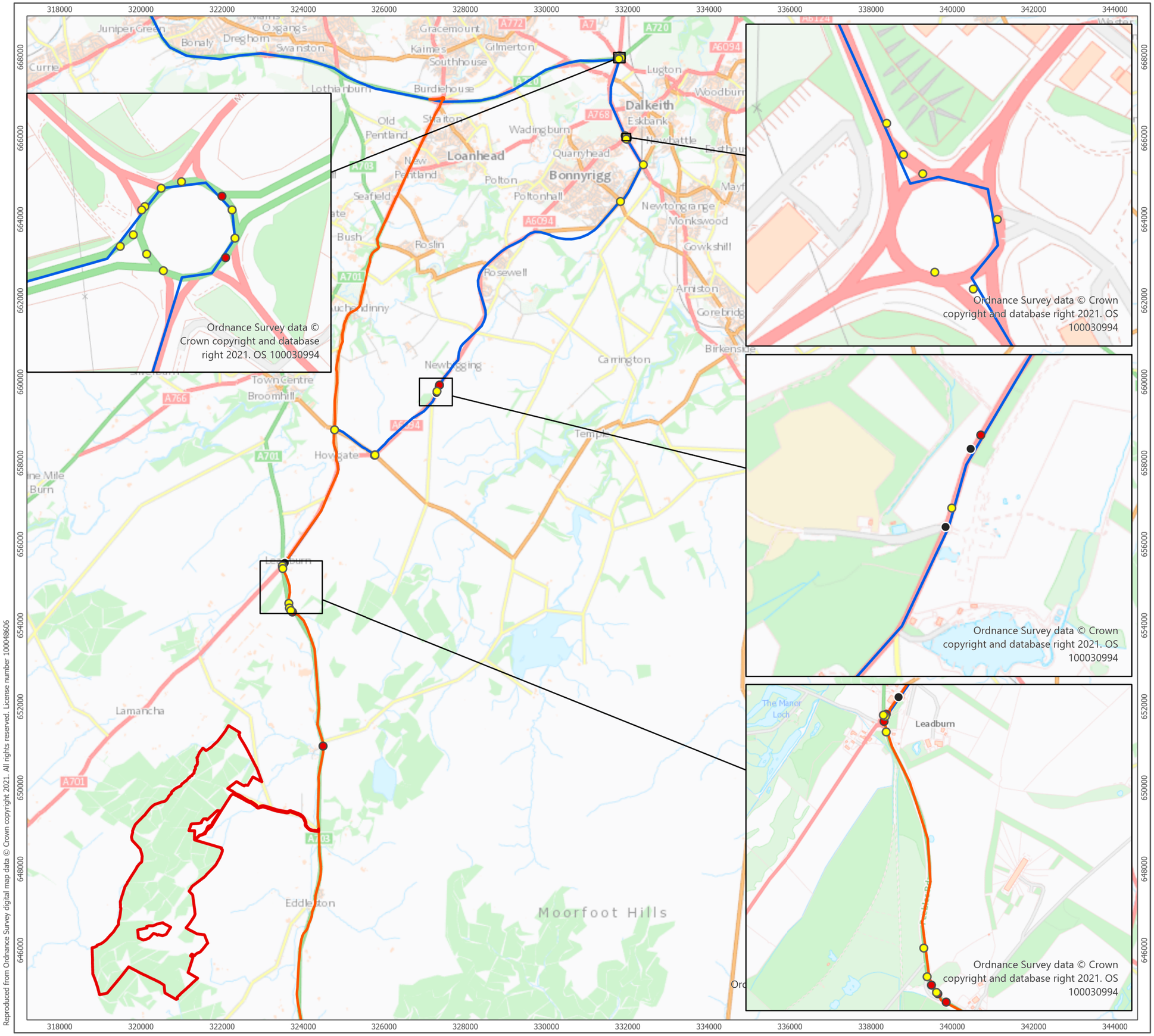
Whitehope Shank
Whitehope Edge
Whitehope Heights



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P:\GIS\Engineering\Projects\3439 Cloich Transport\3439 Cloich Transport.aprx\3439-REP-116 Fig12.4 Road Traffic Collision Assessment

Site Boundary

Abnormal Load Route to Site

General Construction Traffic Route to Site

Road Traffic Collision Assessment

Severity

- Fatal
- Serious
- Slight

1:90,000 Scale @ A3

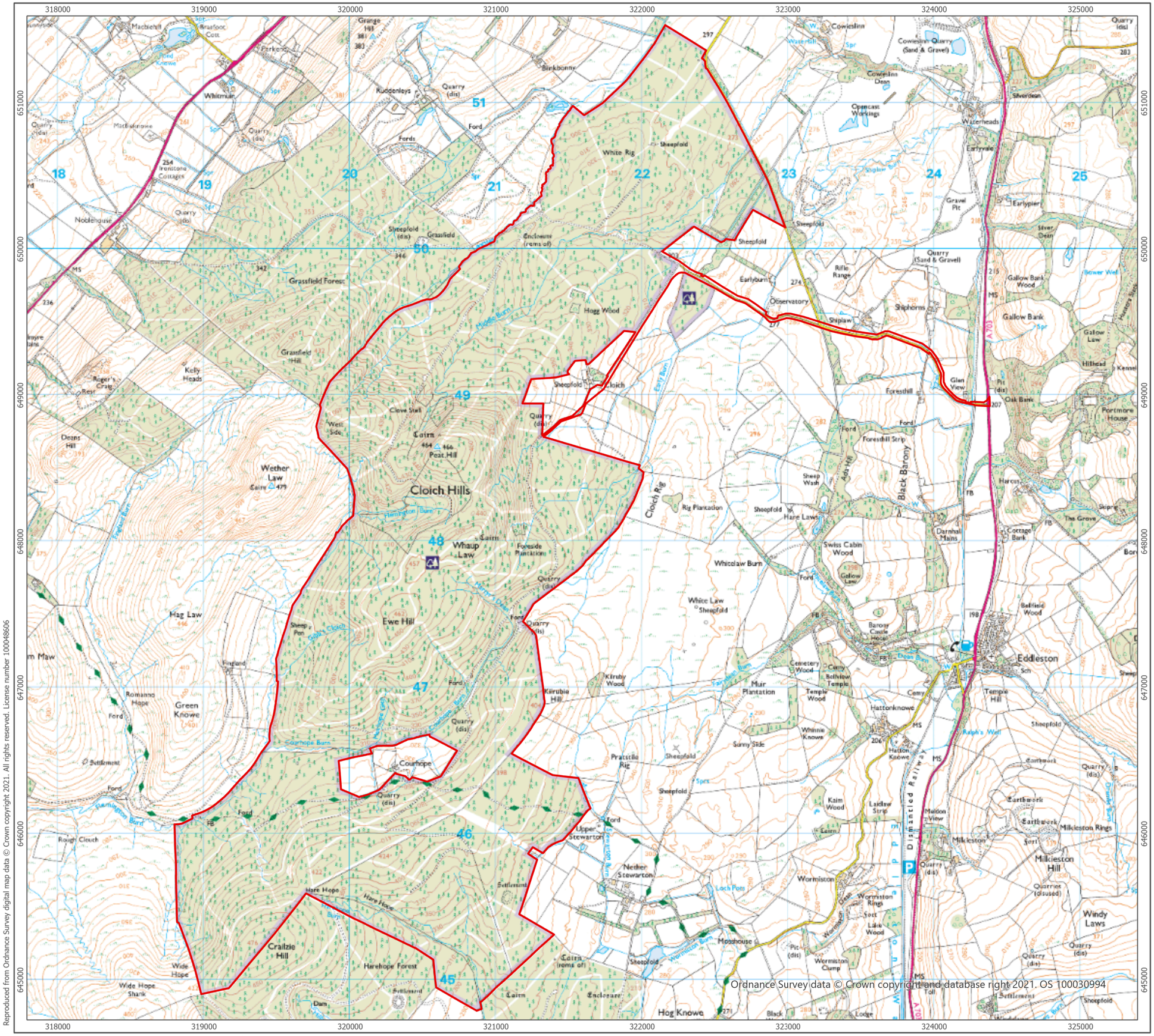
0 2 4 km

NORTH

Produced By: BM	Ref: 3439-REP-116
Checked By: SC	Date: 10/06/2021

Road Traffic Collision Assessment
Figure 12.4

Cloich Forest Wind Farm
EIA Report



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P:\Projects\Environment\3439 Cloich WF\3439 Cloich Forestry.aprx\3439-REP-102 Fig13.1 Site Location

Site Boundary

1:25,000 Scale @ A3

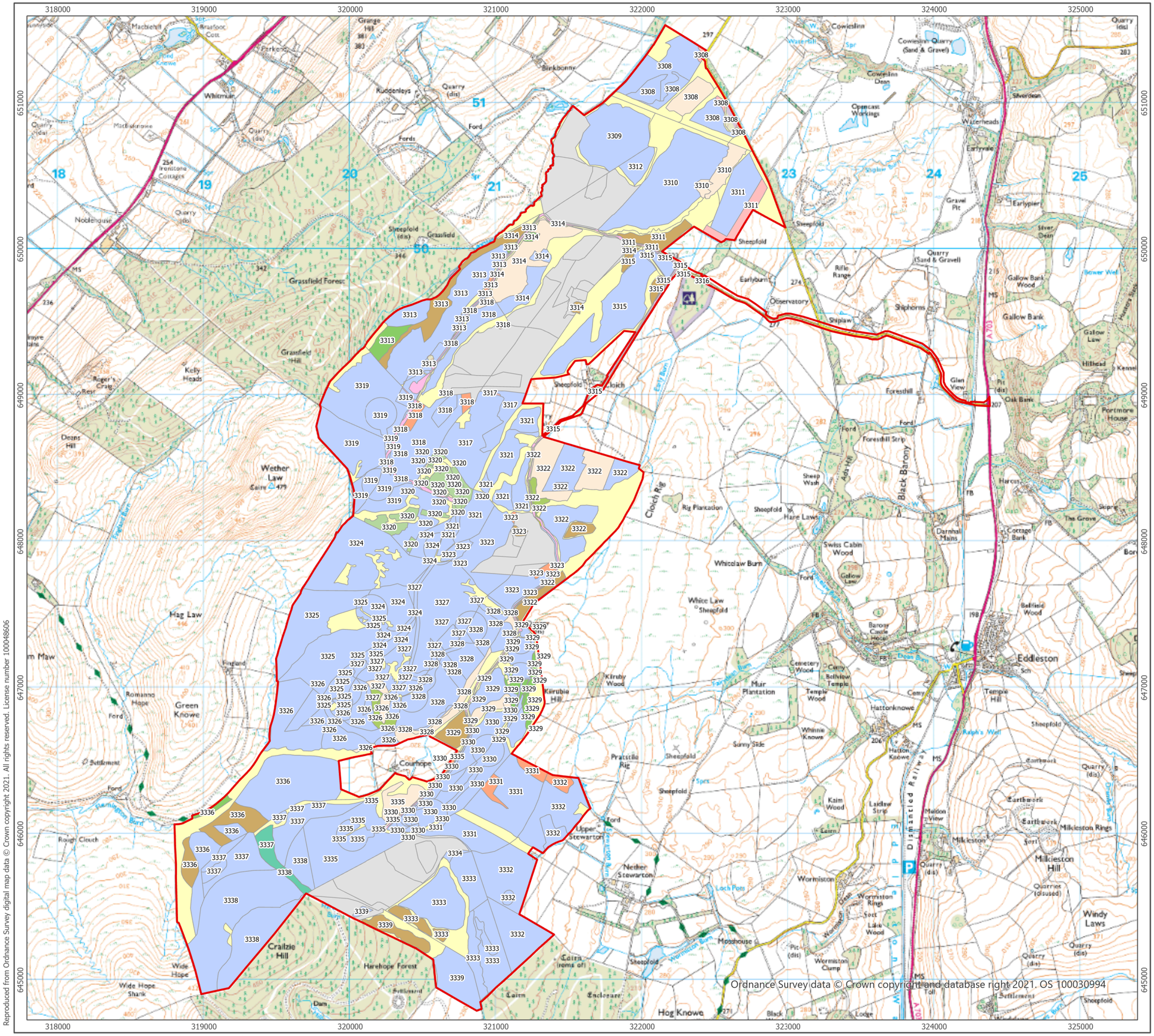
0 0.45 0.9 km

NORTH

Produced By: SC	Ref: 3439-REP-102
Checked By: FC	Date: 19/05/2021

Site Location
Figure 13.1

Cloich Forest Wind Farm
EIA Report



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P:\Projects\Environment\3439 Cloich WF\3439 Cloich Forestry.aprx\3439-REP-103 Fig13.2 Current Species

EDF renewables

ARCUS

- Site Boundary

Current Species

- Douglas Fir
- European Larch
- Hybrid Larch
- Japanese Larch
- Larch
- Mixed Broadleaves
- Mixed Broadleaves / Open Ground
- Mixed Confiers
- Mixed Conifers / Open Ground
- NMB
- Norway Spruce
- Open Ground
- Open Land
- Scots Pine
- Scots Pine / Open Ground
- Sitka Spruce
- UP

1:25,000 Scale @ A3

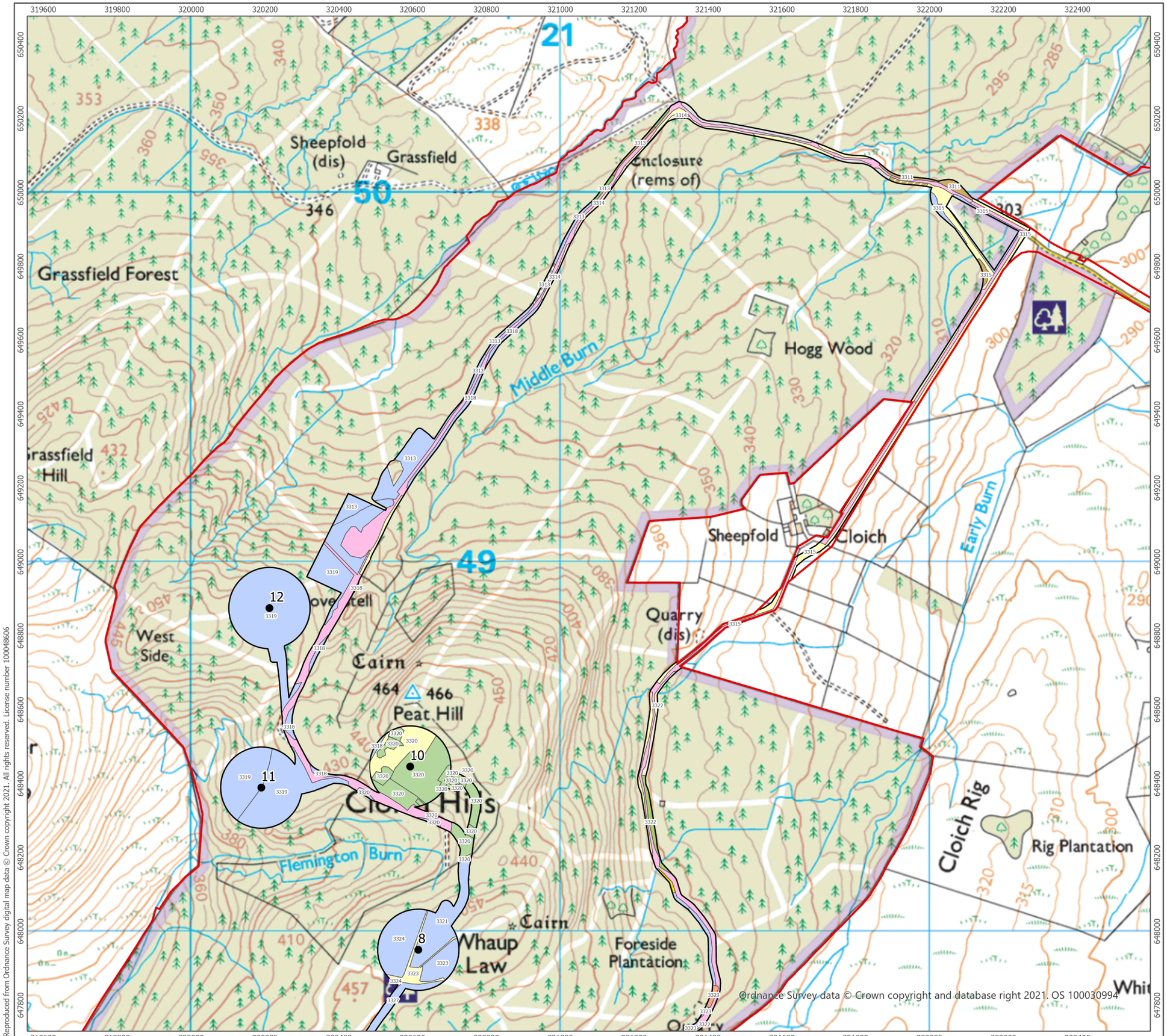
0 0.5 1 km

NORTH

Produced By: SC	Ref: 3439-REP-103
Checked By: FC	Date: 20/05/2021

Current Species
Figure 13.2

Cloich Forest Wind Farm EIA Report



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- Proposed Turbine Location
- Site Boundary
- Felling Area

Species

- Douglas Fir
- Hybrid Larch
- Larch
- Mixed Broadleaves
- Mixed Broadleaves / Open Ground
- Mixed Conifer
- Mixed Conifer / Open Ground
- Norway Spruce
- Open Ground
- Open Land
- Scots Pine
- Scots Pine / Open Ground
- Sitka Spruce
- UP

1:10,000 Scale @ A3

0 0.15 0.3 km

NORTH

Produced By: SC	Ref: 3439-REP-104
Checked By: FC	Date: 20/05/2021

Infrastructure Felling
Figure 13.3a

Cloich Forest Wind Farm
EIA Report

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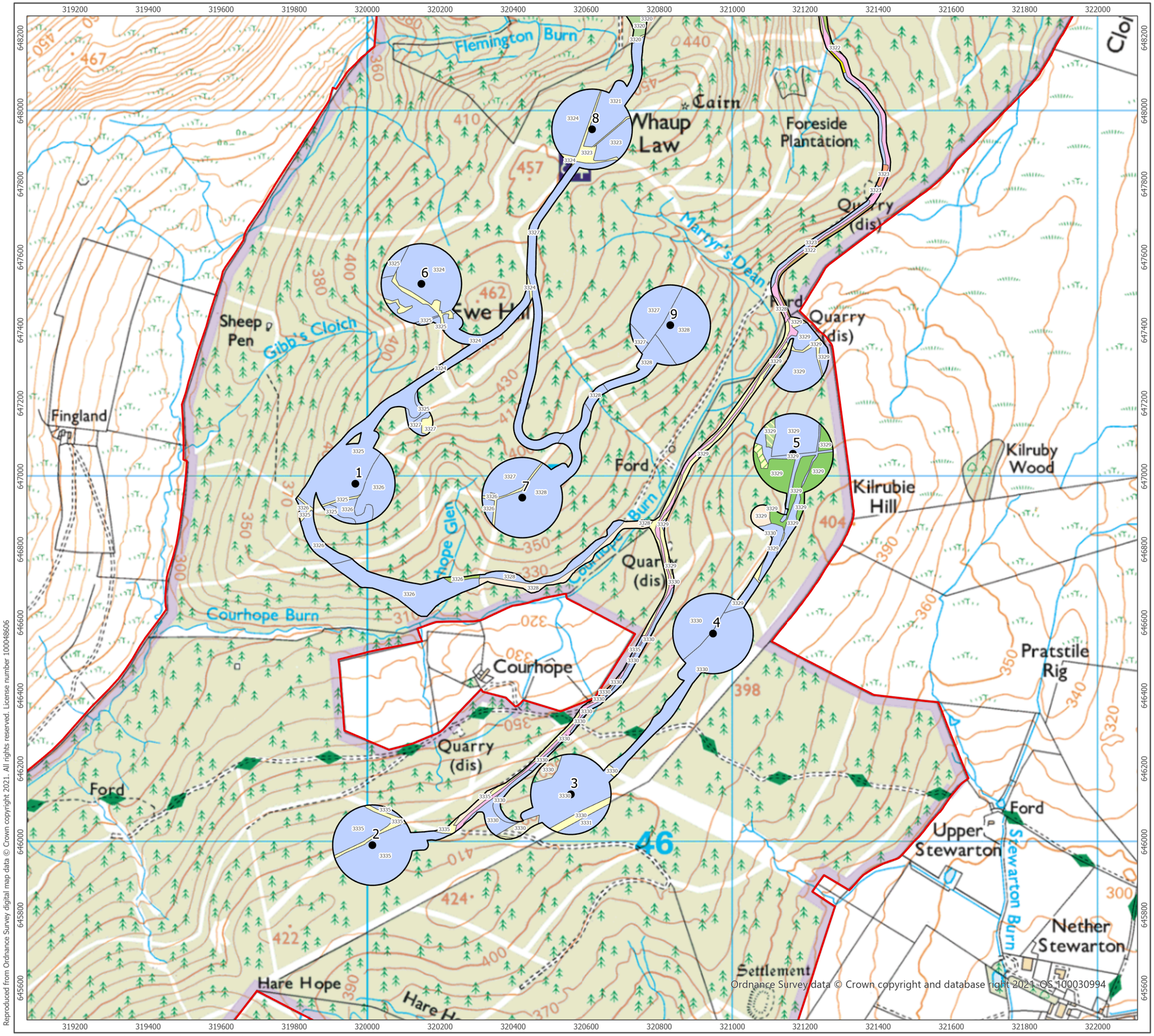

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- Proposed Turbine Location
- Site Boundary
- Felling Area

Species

- Douglas Fir
- Hybrid Larch
- Larch
- Mixed Broadleaves
- Mixed Broadleaves / Open Ground
- Mixed Conifer
- Mixed Conifer / Open Ground
- Norway Spruce
- Open Ground
- Open Land
- Scots Pine
- Scots Pine / Open Ground
- Sitka Spruce
- UP

1:10,000 Scale @ A3

0 0.15 0.3 km

NORTH

Produced By: SC	Ref: 3439-REP-105
Checked By: FC	Date: 20/05/2021

Infrastructure Felling
Figure 13.3b

Cloich Forest Wind Farm
EIA Report

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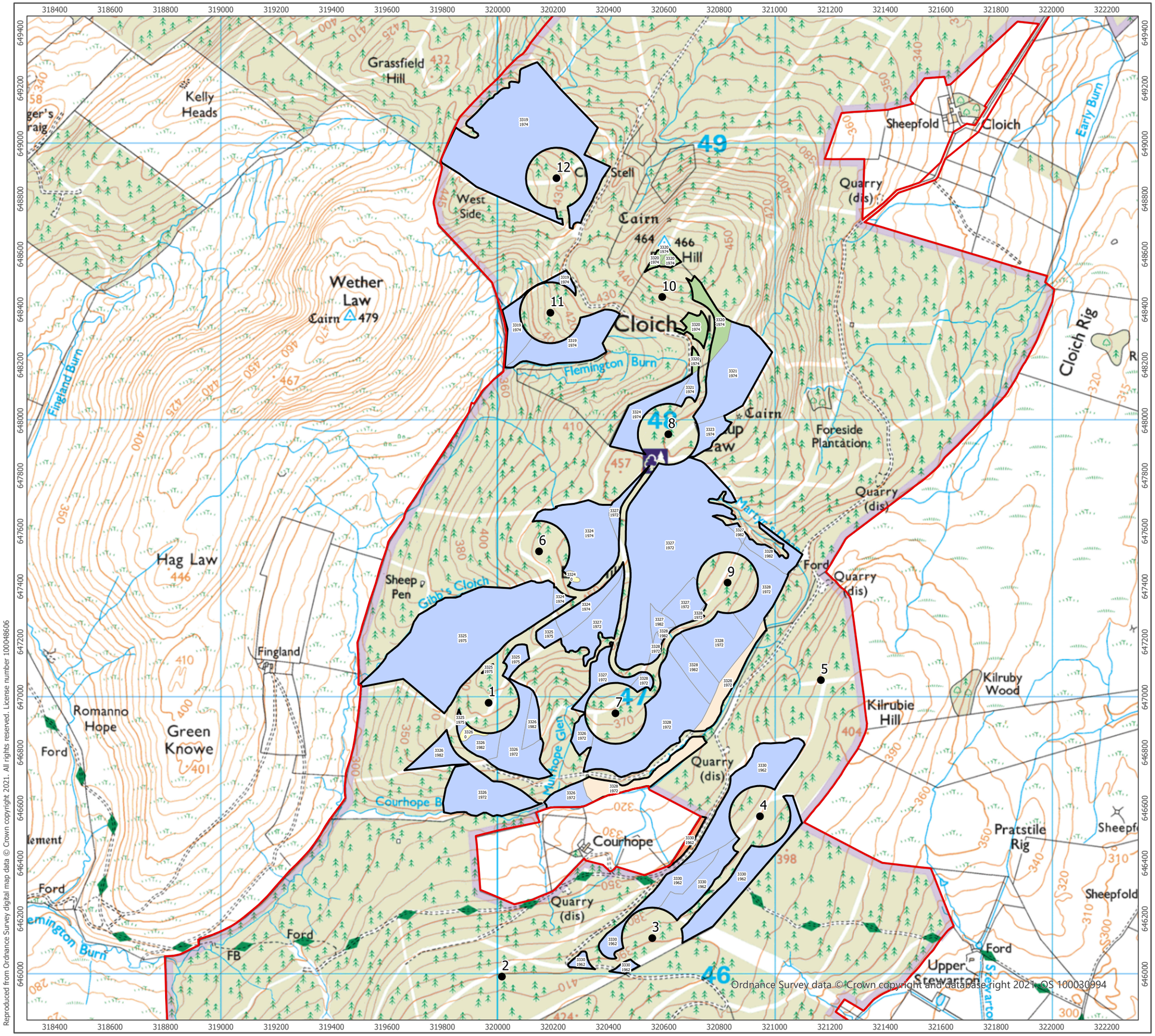

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- Proposed Turbine Location
- Site Boundary
- Management Felling Area

Species

- Hybrid Larch
- Mixed Conifer
- Norway Spruce
- Open Ground
- Sitka Spruce

1:13,202 Scale @ A3

0 0.25 0.5 km

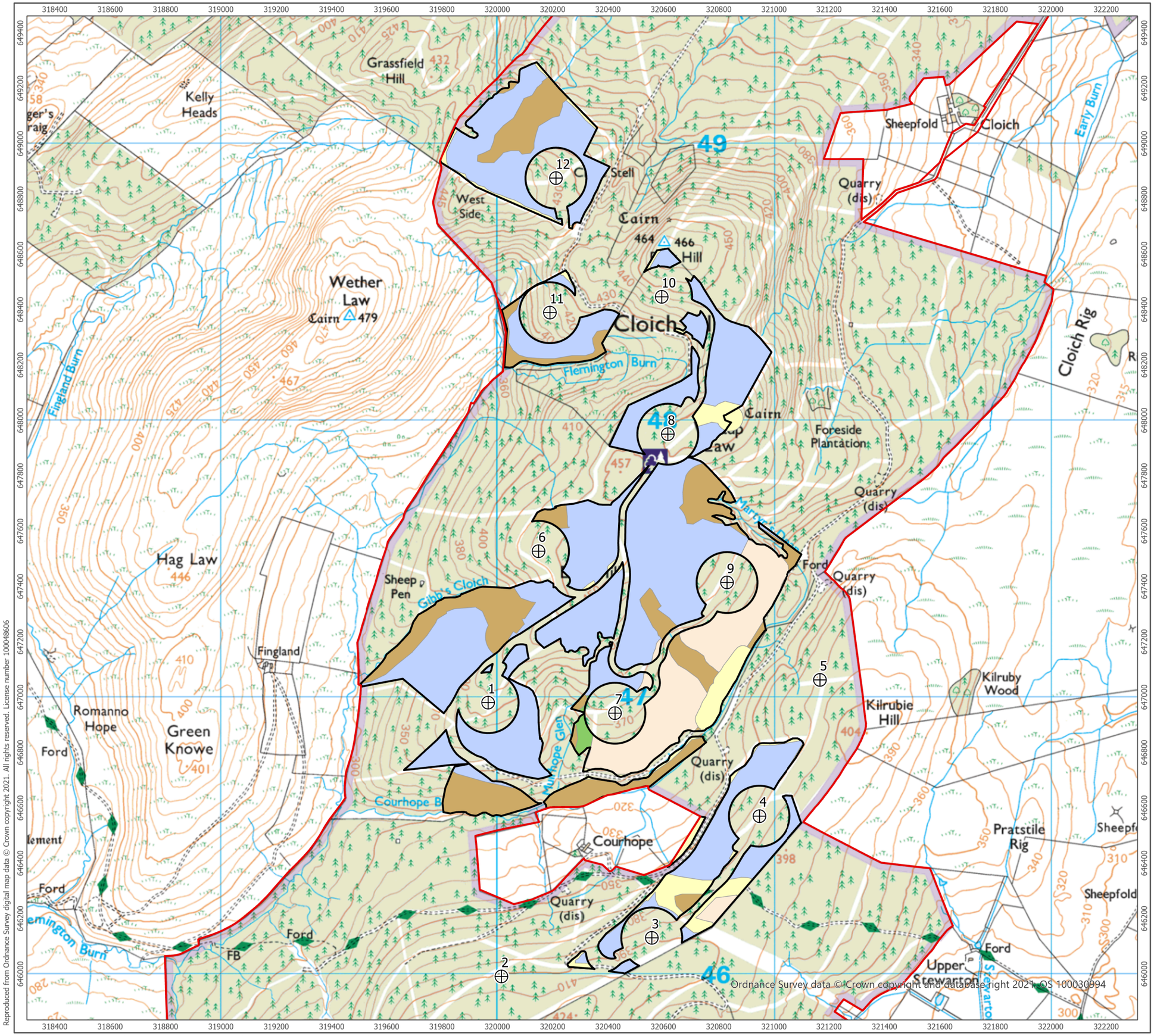
NORTH

Produced By: SC	Ref: 3439-REP-105
Checked By: FC	Date: 20/05/2021

Management Felling
Figure 13.4

Cloich Forest Wind Farm
EIA Report

P:\Projects\Environment\3439 Cloich WF\3439 Cloich Forestry.aprx\3439-REP-106 Fig13.4 Management Felling



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P:\Projects\Environment\3439 Cloich WF\3439 Cloich Forestry.aprx\3439-REP-107 Fig13.5 Restocking of Management Felling Areas

EDF renewables

ARCUS

- Proposed Turbine Location
- Site Boundary
- Management Felling Area

Species

- Mixed Broadleaves
- Norway Spruce
- Open Ground
- Scots Pine
- Sitka Spruce

1:13,202 Scale @ A3

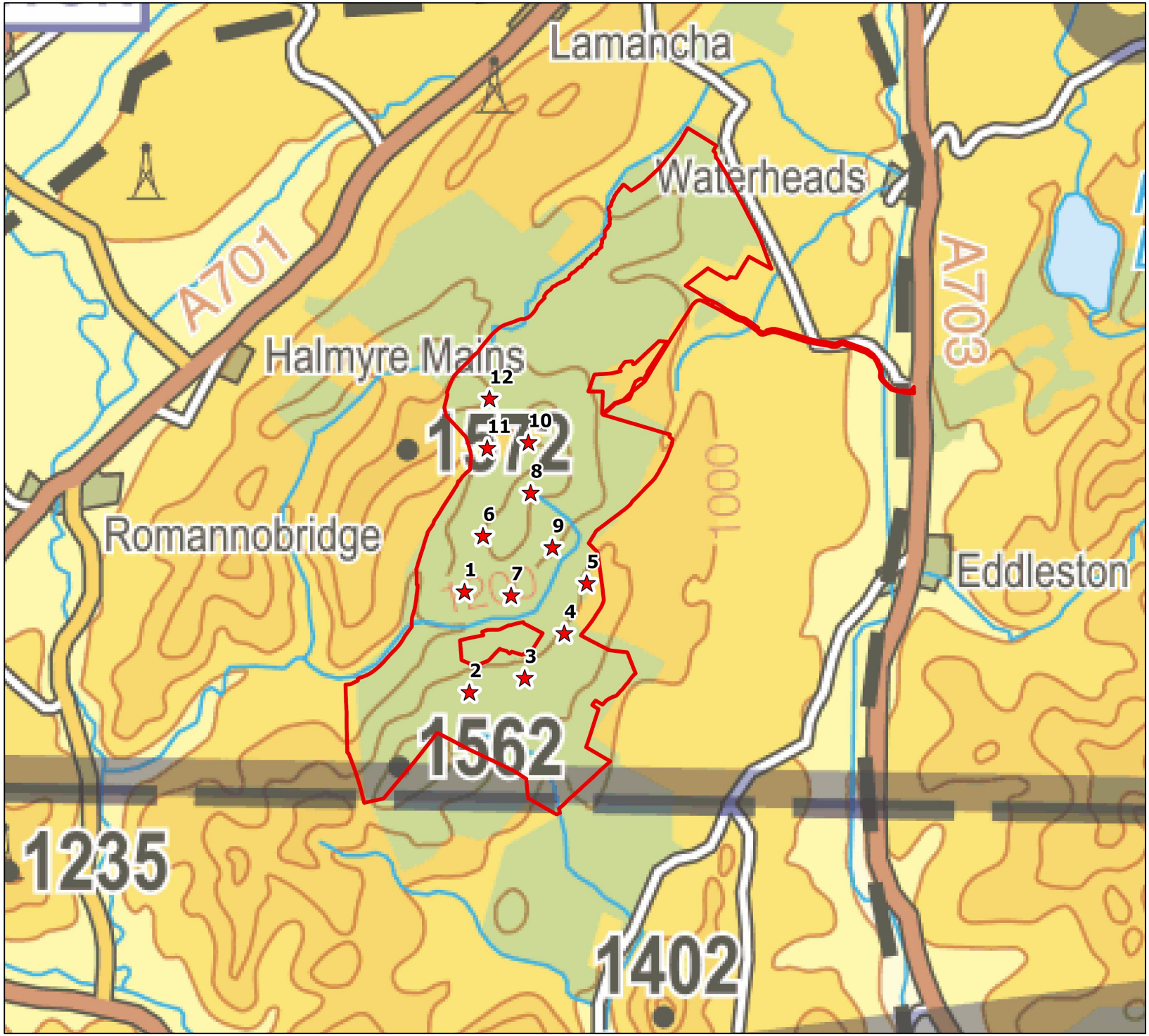
0 0.25 0.5 km

NORTH

Produced By: SC	Ref: 3439-REP-106
Checked By: FC	Date: 20/05/2021

Restocking of Management Felling Areas
Figure 13.5

Cloich Forest Wind Farm EIA Report



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EDF renewables

WPAC Wind Power Aviation Consultants Ltd

ARCUS

- Turbines
- Site Boundary

Scale 1:250,000 Scale @ A3

0 5 10 km

NORTH

Produced By: ST	Ref: Pr No.-REP-Dr. No.
Checked By: JT	Date: 06/04/2021

VFR 250k Chart Extract
Figure 14.1

Cloich Forest Wind Farm
EIA Report



The Development (Proposed Cloich Forest Wind Farm)

Scale 1:250,000 Scale @ A3

0 5 10 km

NORTH

Produced By: ST	Ref: Pr No.-REP-Dr. No.
Checked By: JT	Date: 06/04/2021

VFR 500k Chart Extract
Figure 14.2

Cloich Forest Wind Farm
EIA Report

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C:\Users\johnt\OneDrive\Documents\ArcGIS\Projects\Cloich\Cloich\Cloich.aprx\Cloich WF EIAR Figure Template

Site Boundary

Proposed Turbine Location

10 km Primary Study Area

Zone of Theoretical Visibility of Turbines (Blade Tip ZTV)

Tourism / Recreation Receptor

Black Meldon

White Meldon

Glentress 7 Stanes Mountain Biking

Portmore House & Gardens

The Great Polish Map of Scotland

John Buchan Way

1:100,000 Scale @ A3

0 2 4 km

NORTH

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Assessed Tourism and Recreational Receptors

Figure 15.1

Cloich Forest Wind Farm EIA Report

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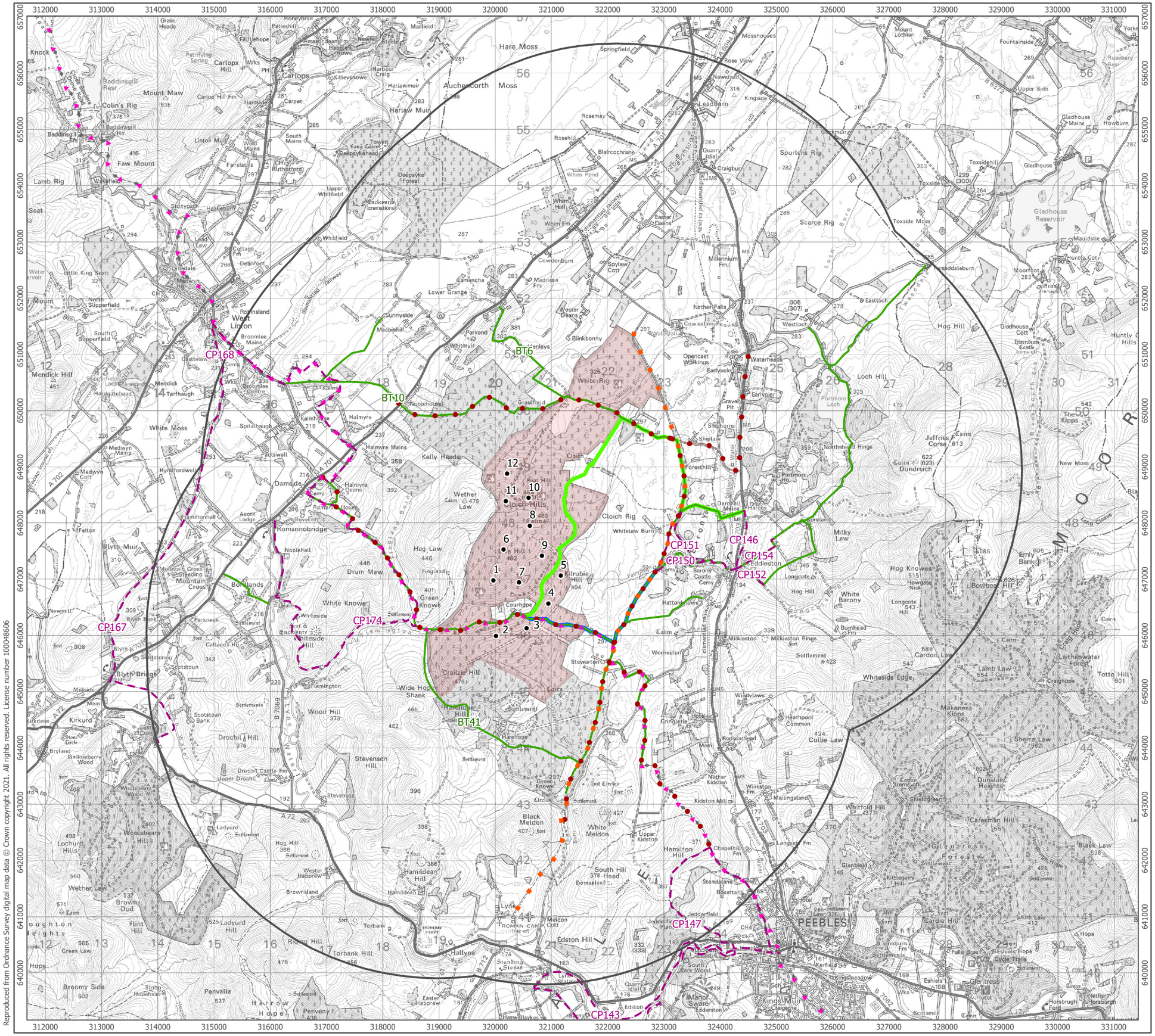
P:\Projects\Environment\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-095 Fig15.1 Assessed Tourism and Recreational Receptors



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1:65,000 Scale @ A3

0 1.5 3 km

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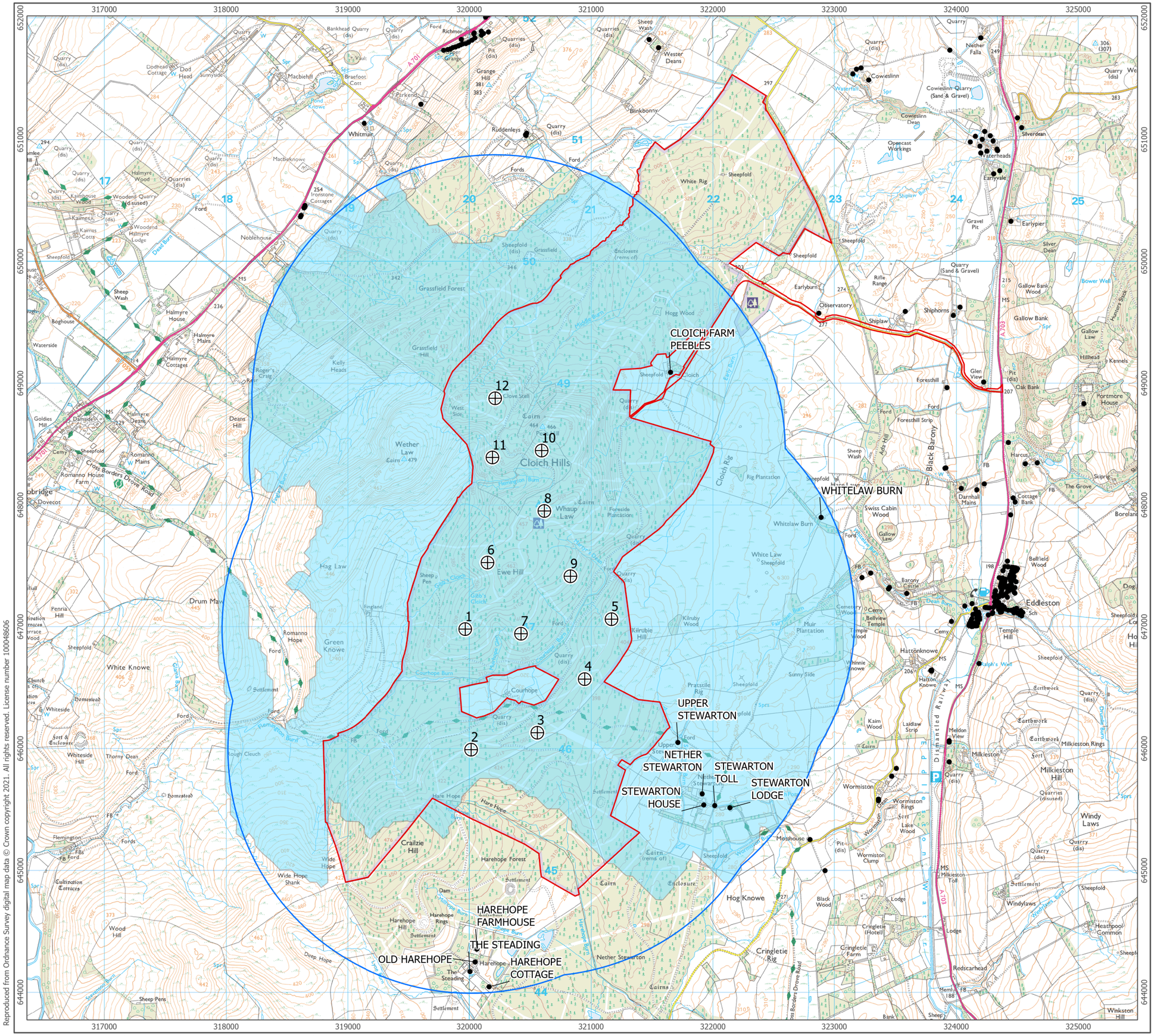
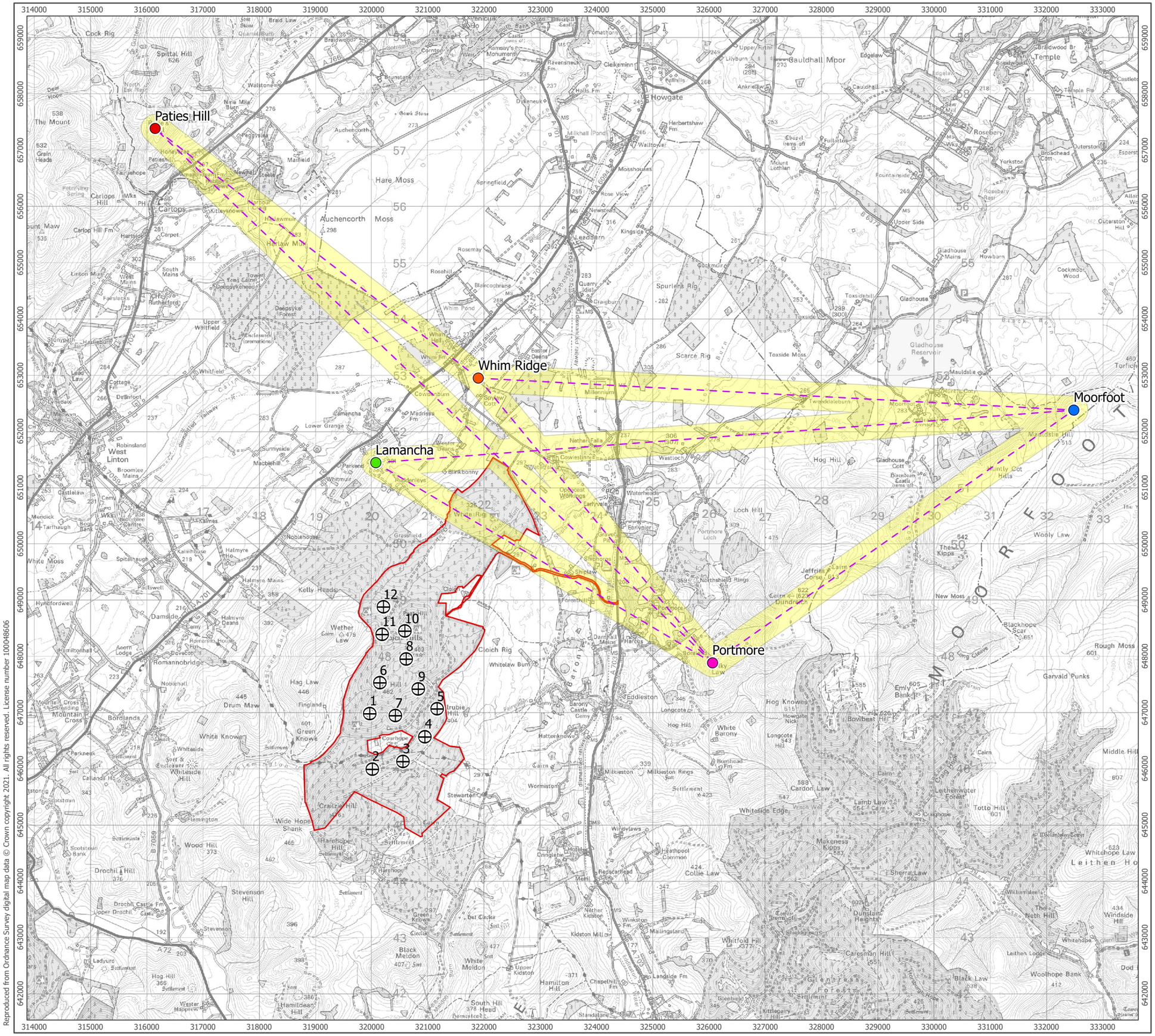
Core Paths and Recreational Routes
Figure 15.2

Cloich Forest Wind Farm EIA Report

P:\Projects\Environment\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-096 Fig15.2 Core Paths and Recreational Routes


CLOICH FARM
PEEBLES
WHITELAW BURN
UPPER
STEWARTON
NETHER
STEWARTON
STEWARTON
TOLL
STEWARTON
LODGE
STEWARTON
HOUSE
HAREHOPE
FARMHOUSE
THE STEADING
OLD HAREHOPE
HAREHOPE
COTTAGE
1
2
3
4
5
6
7
8
9
10
11
12
Cloich Hills
Eddleston
Dismantled Railway
Cloich Rig
Black Barony
Ash Hill
Grassfield Forest
Hogg Wood
Kelly Heads
Cairn
Whaup Law
Ewe Hill
Hag Law
Drum Mains
Green Knowe
White Knowe
Crailzie Hill
Harehope Forest
Wide Hope
Hare Hope
Deep Hope
Hog Knowe
Cringletie Rig
Grassfield
Sheepfold
Courhope
Courhope Burn
Middle Burn
Flemington Burn
Harehope Burn
Whitelaw Burn
Earn Burn
Dead Burn
Glen Burn
Stewarton Burn
Whitmuir
Ruddenleys
Blinkbonny
Wester Deans
Cowieslinn
Cowieslinn Quarry
(Sand & Gravel)
Opencast
Workings
White Rig
Earlyburn
Observatory
Shiphorns
Shiplaw
Rifle
Range
Quarry
(Sand & Gravel)
Earlypier
Silverdean
Waterheads
Earlyvale
Gravel
Pit
Silver
Dean
Gallow Bank
Gallow Bank
Wood
Bower Well
Foresthill
Glen
View
Oak Bank
Portmore
House
Hillhead
Kennels
Gallow
Law
Harcus
Skiprig
The Grove
Darnhall
Mains
Cottage
Bank
Swiss Cabin
Wood
Bellfield
Wood
Barony
Castle
Temple
Hill
Hattonknowe
Ralph's Well
Meldon
View
Milkieston
Milkieston
Hill
Milkieston Rings
Earthwork
Wormiston
Wormiston
Rings
Lake
Wood
Wormiston
Clump
Mosshouse
Windy
Laws
Windylaws
Heathpool
Common
Redscarhead
Cringletie
(Hotel)
Cringletie
Farm
Black
Wood
Laidlaw
Strip
Kaim
Wood
Ford
Foresthill Strip
Sheep
Wash
Romanno
Mains
Romanno House
Farm
Cross Borders Drove Road
Halmyre
House
Halmyre
Mains
Halmyre
Cottages
Halmyre
Wood
Halmyre
Lodge
Woodend Quarry
(disused)
Kaimhouse
Wood
Kaimes
Kaimes
Cotts
Woodend
Noblehouse
Ironstone
Cottages
Macbieknowe
Macbiehill
Braefoot
Cott
Parkend
Grange
Grange Hill
Pond
Knowe
Dod
Head
Dodhead
Cottage
Sunnyside
Bankhead Quarry (dis)
Richmond
Pit (dis)
Quarries (dis)
Sheep
Wash
Nether
Falla
Cowieslinn
Dean
Waterfall
Fords
Ford
Boghouse
Waterside
Goldies
Mill
Damside
Deans
Hill
Deans
Cemy
Penria
Hill
Whiteside
Whiteside
Hill
Thorny
Dean
Homestead
Flemington
Fords
Cultivation
Terraces
Wood
Hill
Sheep Pens
Settlement
Earthwork
Enclosure
Cairns
Pratstile
Rig
Sunny
Side
Kilruby
Wood
Kilruby
Hill
Muir
Plantation
Temple
Wood
Whinnie
Knowe
Cemetery
Wood
Bellview
Temple
Swiss Cabin
Wood
Whitelaw Burn
White Law
Pen
Gib's
Clouch
Fingland
Rig Plantation
Foreside
Plantation
Quarry (dis)
Pit (dis)
Ford
Sheepfold
Settlement
Earthwork
Cairn
Enclosure
Cairns
Bank
Sheep
Pens
Sheep
Wash
Ash Hill
Ford
Foresthill Strip
Lodge
Cottage
Bank
Darnhall
Mains
Redscarhead
Memb
188
Winkston
Hill
Windylaws
Sheepfold
Settlement
Quarry (dis)
Pit (dis)
Milkieston Toll
Lodge
Cringletie
Farm
Cringletie
(Hotel)
Black
Wood
Hog Knowe
Mosshouse
Wormiston
Clump
Wormiston
Rings
Lake
Wood
Wormiston
Milkieston
Rings
Earthwork
Milkieston
Hill
Milkieston
Quarries
(disused)
Quarry (dis)
Meldon
View
Laidlaw
Strip
Kaim
Wood
Cairn
Ford
Foresthill Strip
Sheep
Wash
Ash Hill
Black Barony
Glen
View
Oak Bank
Foresthill
Portmore
House
Hillhead
Kennels
Gallow
Law
Gallow Bank
Wood
Gallow Bank
Bower Well
Hunters Stick
Earlypier
Silver
Dean
Gravel
Pit
Earlyvale
Waterheads
Silverdean
Cowieslinn
Dean
Waterfall
Cowieslinn Quarry
(Sand & Gravel)
Nether
Falla
Quarry
Quarry (dis)
Sheep
Wash
Wester
Deans
Blinkbonny
Ruddenleys
Whitmuir
Parkend
Braefoot
Cott
Grange
Grange Hill
Pond
Knowe
Dod
Head
Dodhead
Cottage
Sunnyside
Bankhead Quarry (dis)
Richmond
Pit (dis)
Quarries (dis)
Ford
Macbiehill
Macbieknowe
Ironstone
Cottages
254
Noblehouse
Halmyre
Wood
Halmyre
Lodge
Woodend Quarry
(disused)
Kaimhouse
Wood
Kaimes
Kaimes
Cotts
Woodend
Halmyre
House
Halmyre
Mains
Halmyre
Cottages
Halmyre
Wood
Halmyre
Lodge
Romanno
Mains
Romanno House
Farm
Cross Borders Drove Road
Sheep
Wash



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P:\Projects\Environment\3439 Cloich WF\3439 Cloich WF.aprx\3439-REP-079 Fig 17.2 Borders Online Telecommunication Links

eDF renewables

ARCUS

- Site Boundary
- Proposed Turbine Location

Relay Mast

- Lamancha
- Moorfoot
- Paties Hill
- Portmore
- Whim Ridge
- Telecommunication Link
- 250 m Buffer of Telecommunication Link

1:65,000 Scale @ A3

0 1 2 km

NORTH

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Borders Online Telecommunication Links
Figure 17.2

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