



CAIRNMORE HILL WIND FARM

FIGURE 7.1

ECOLOGICAL DESIGNATED SITES WITHIN 5KM

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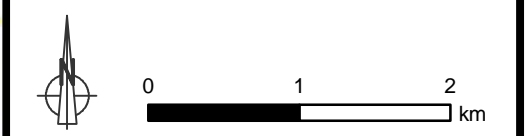
KEY

- TURBINE LOCATION
- SITE BOUNDARY
- INFRASTRUCTURE
- 5KM DISTANCE BAND

ECOLOGICAL DESIGNATED SITES

SOURCE: NATURESCOT

- SPECIAL AREA OF CONSERVATION (SAC)
- SITE OF SPECIAL SCIENTIFIC INTEREST (SSSI)
- ANCIENT WOODLAND



LAYOUT DWG: N/A | LAYOUT NO: PSC0hof063

DRAWING NUMBER: **FIGURE 7.1**

SCALE - 1:50,000 @ A3

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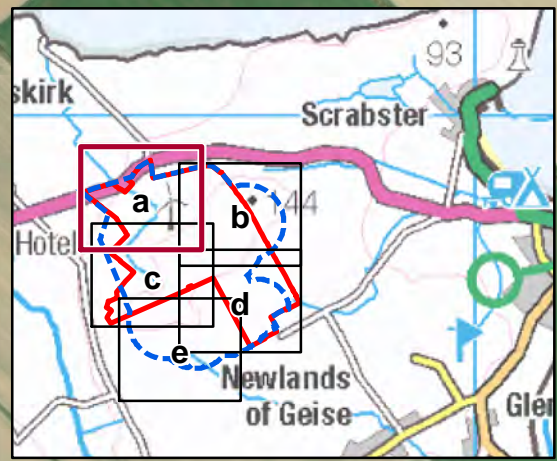
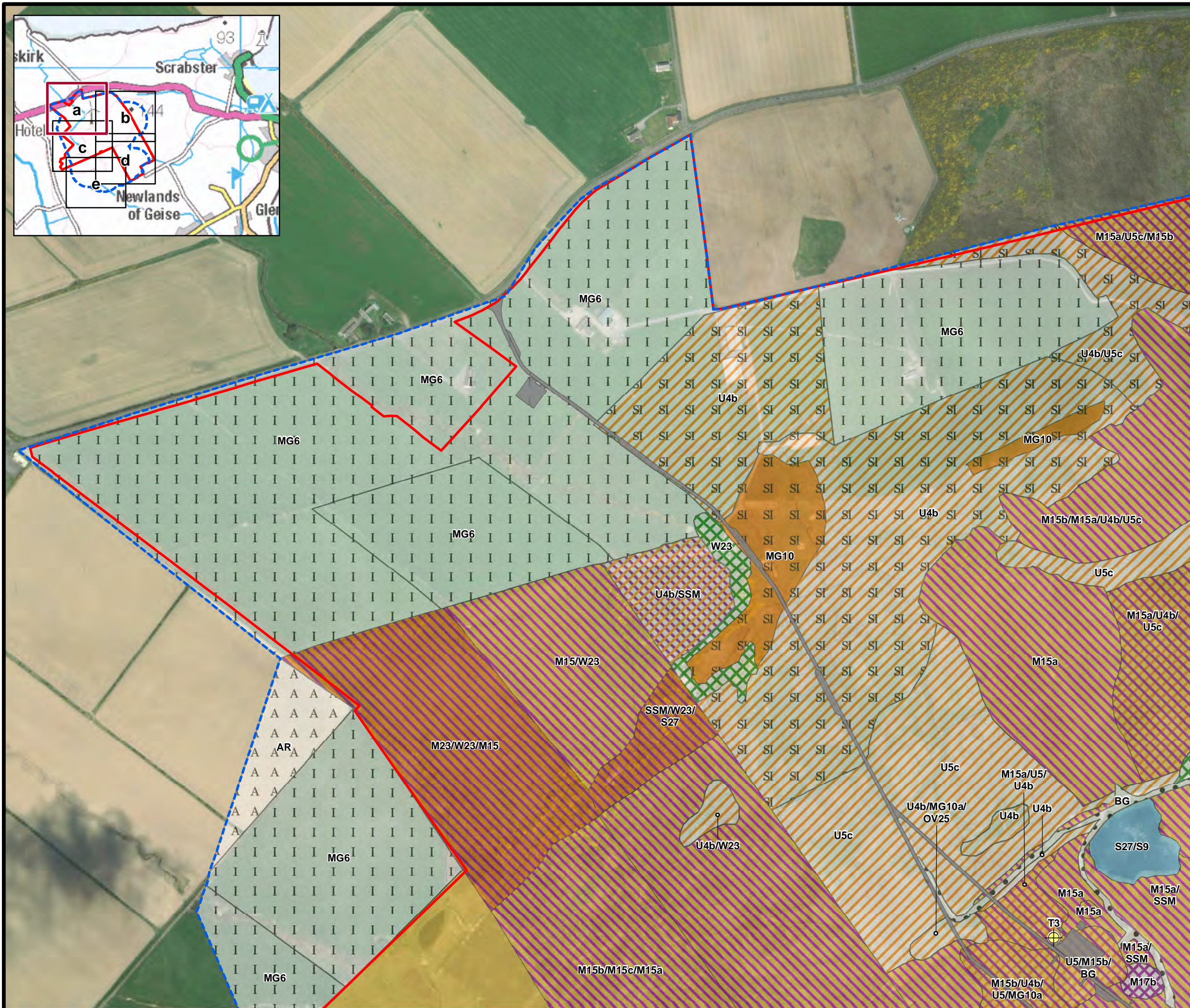


CAIRNMORE HILL WIND FARM

FIGURE 7.2a

NVC STUDY AREA AND SURVEY RESULTS

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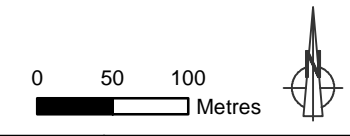


KEY

- TURBINE LOCATION
- SITE BOUNDARY
- INFRASTRUCTURE
- NATIONAL VEGETATION CLASSIFICATION (NVC) STUDY AREA

PHASE 1 HABITAT TYPE (NVC LABELS)

- DENSE/CONTINUOUS SCRUB (A2.1)
- UNIMPROVED ACID GRASSLAND (B1.1)
- SEMI-IMPROVED ACID GRASSLAND (B1.2)
- SEMI-IMPROVED ACID GRASSLAND/MARSH/MARSHY GRASSLAND MOSAIC (B1.2/B5)
- SEMI-IMPROVED NEUTRAL GRASSLAND (B2.2)
- IMPROVED GRASSLAND (B4)
- MARSH/MARSHY GRASSLAND (B5)
- ACID DRY DWARF SHRUB HEATH (D1.1)
- WET DWARF SHRUB HEATH (D2)
- WET HEATH/ACID GRASSLAND MOSAIC (D6)
- WET MODIFIED BOG (E1.7)
- SWAMP (F1)
- ARABLE (J1.1)
- BARE GROUND (J4)



LAYOUT DWG: N/A LAYOUT NO: PSC0hof063

DRAWING NUMBER: FIGURE 7.2a

SCALE - 1:5,000 @ A3

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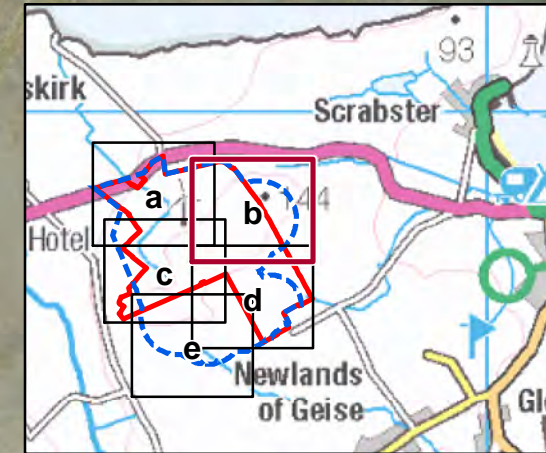
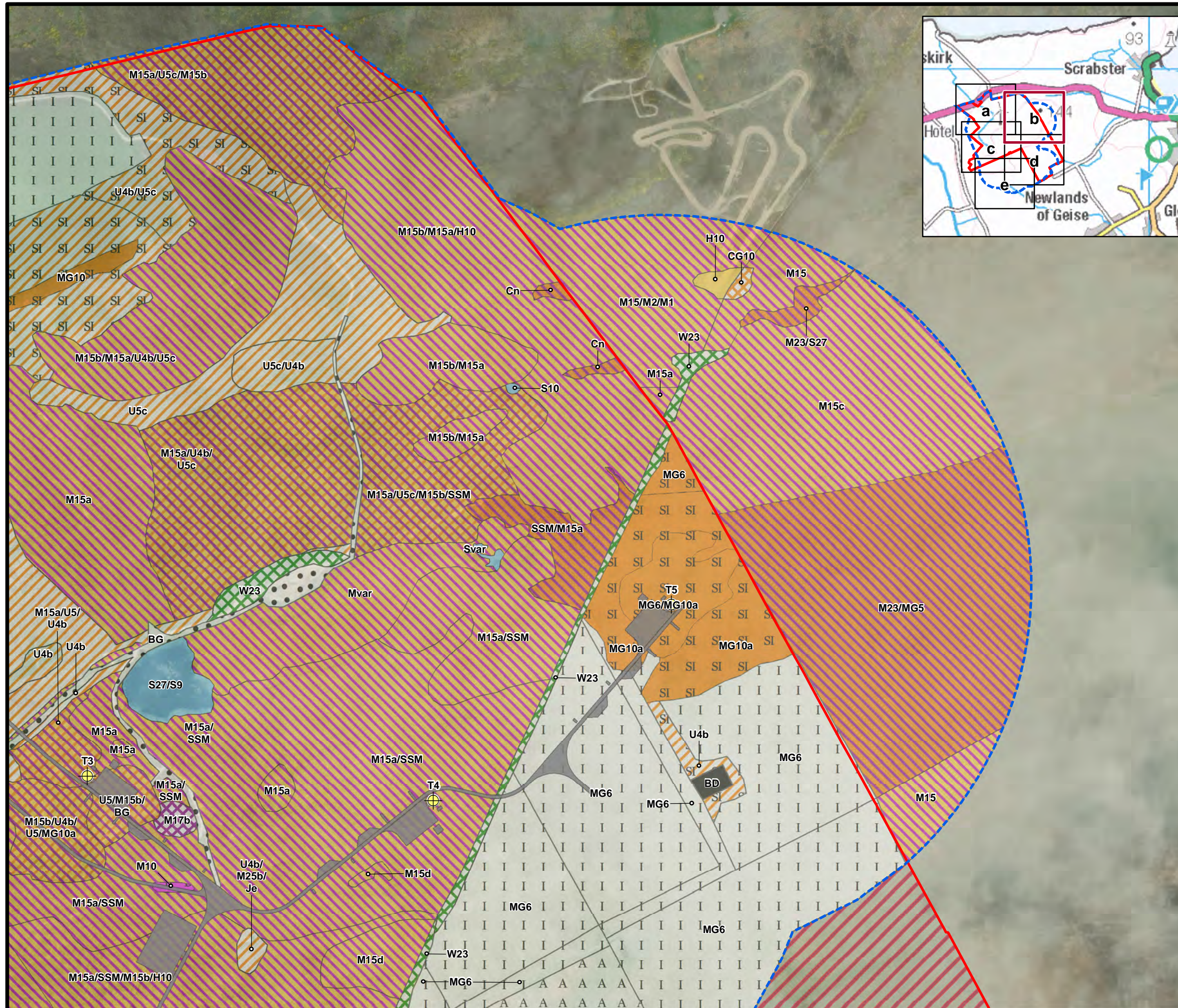
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CAIRNMORE HILL WIND FARM

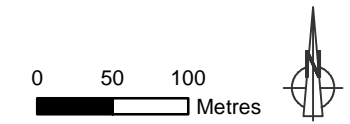
FIGURE 7.2b

NVC STUDY AREA AND SURVEY RESULTS



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- KEY**
- TURBINE LOCATION
 - SITE BOUNDARY
 - INFRASTRUCTURE
 - NATIONAL VEGETATION CLASSIFICATION (NVC) STUDY AREA
- PHASE 1 HABITAT TYPE (NVC LABELS)**
- DENSE/CONTINUOUS SCRUB (A2.1)
 - UNIMPROVED ACID GRASSLAND (B1.1)
 - SEMI-IMPROVED ACID GRASSLAND (B1.2)
 - SEMI-IMPROVED NEUTRAL GRASSLAND (B2.2)
 - UNIMPROVED CALCAREOUS GRASSLAND (B3.1)
 - IMPROVED GRASSLAND (B4)
 - MARSH/MARSHY GRASSLAND (B5)
 - ACID DRY DWARF SHRUB HEATH (D1.1)
 - WET DWARF SHRUB HEATH (D2)
 - WET HEATH/ACID GRASSLAND MOSAIC (D6)
 - WET MODIFIED BOG (E1.7)
 - BASIC FLUSH (E2.2)
 - SWAMP (F1)
 - ARABLE (J1.1)
 - BUILDING (J3.6)
 - BARE GROUND (J4)
 - NON-SURVEYED AREA (NSA)



LAYOUT DWG: N/A | LAYOUT NO: PSCOhof063

DRAWING NUMBER: **FIGURE 7.2b**

SCALE - 1:5,000 @ A3

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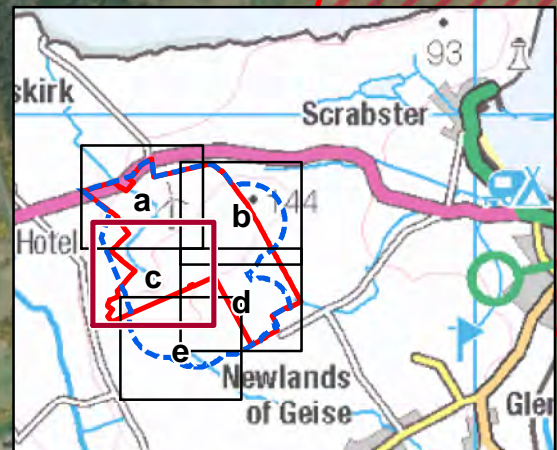
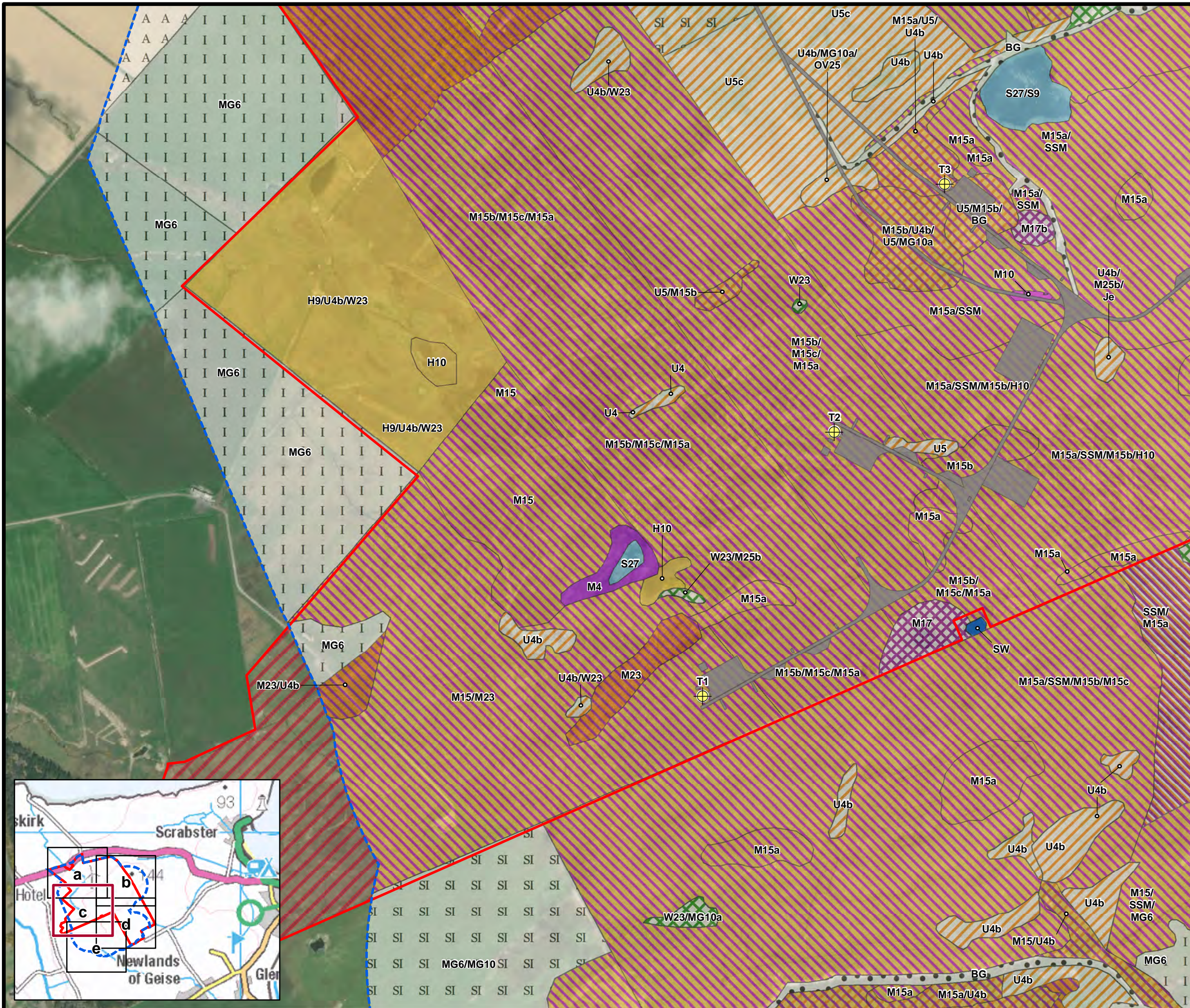


CAIRNMORE HILL WIND FARM

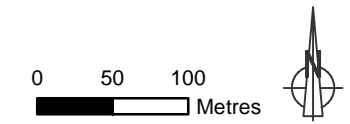
FIGURE 7.2c

NVC STUDY AREA AND SURVEY RESULTS

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KEY	
	TURBINE LOCATION
	SITE BOUNDARY
	INFRASTRUCTURE
	NATIONAL VEGETATION CLASSIFICATION (NVC) STUDY AREA
PHASE 1 HABITAT TYPE (NVC LABELS)	
	DENSE/CONTINUOUS SCRUB (A2.1)
	UNIMPROVED ACID GRASSLAND (B1.1)
	SEMI-IMPROVED ACID GRASSLAND (B1.2)
	IMPROVED GRASSLAND (B4)
	MARSH/MARSHY GRASSLAND (B5)
	MARSH/MARSHY GRASSLAND/WET DWARF SHRUB HEATH MOSAIC (B5/D2)
	POOR SEMI-IMPROVED GRASSLAND (B6)
	ACID DRY DWARF SHRUB HEATH (D1.1)
	WET DWARF SHRUB HEATH (D2)
	WET HEATH/ACID GRASSLAND MOSAIC (D6)
	WET MODIFIED BOG (E1.7)
	BASIC FLUSH (E2.2)
	BASIN MIRE (E3.2)
	SWAMP (F1)
	STANDING WATER (G1)
	ARABLE (J1.1)
	BARE GROUND (J4)
	NON-SURVEYED AREA (NSA)



LAYOUT DWG: N/A LAYOUT NO: PSC0hof063

FIGURE 7.2c

SCALE - 1:5,000 @ A3

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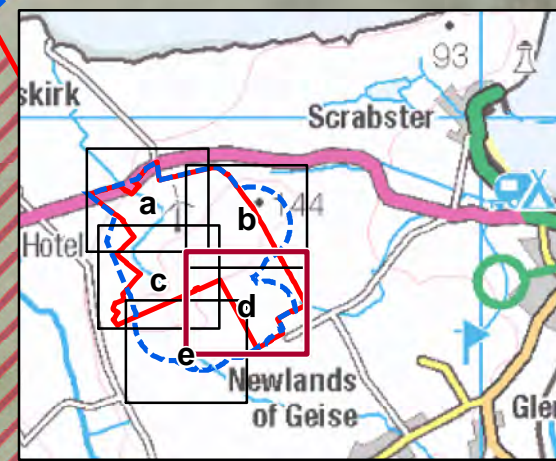
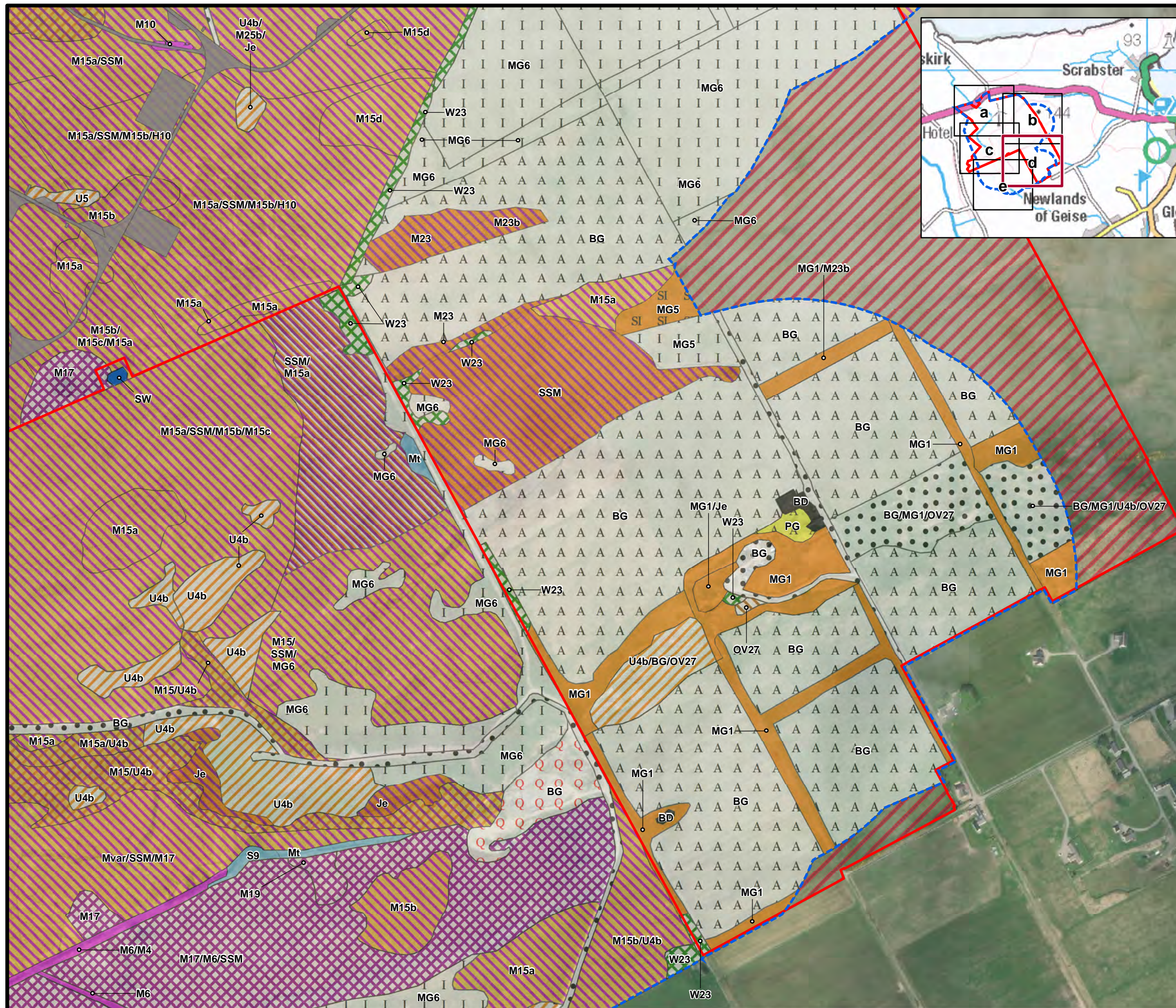


CAIRNMORE HILL WIND FARM

FIGURE 7.2d

NVC STUDY AREA AND SURVEY RESULTS

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KEY

- SITE BOUNDARY
- INFRASTRUCTURE
- NATIONAL VEGETATION CLASSIFICATION (NVC) STUDY AREA

PHASE 1 HABITAT TYPE (NVC LABELS)

- DENSE/CONTINUOUS SCRUB (A2.1)
- UNIMPROVED ACID GRASSLAND (B1.1)
- SEMI-IMPROVED ACID GRASSLAND (B1.2)
- UNIMPROVED NEUTRAL GRASSLAND (B2.1)
- SEMI-IMPROVED NEUTRAL GRASSLAND (B2.2)
- IMPROVED GRASSLAND (B4)
- MARSH/MARSHY GRASSLAND (B5)
- MARSH/MARSHY GRASSLAND/WET DWARF SHRUB HEATH MOSAIC (B5/D2)
- TALL RUDERAL (C3.1)
- WET DWARF SHRUB HEATH (D2)
- WET HEATH/ACID GRASSLAND MOSAIC (D6)
- WET MODIFIED BOG (E1.7)
- ACID NEUTRAL FLUSH (E2.1)
- BASIC FLUSH (E2.2)
- SWAMP (F1)
- STANDING WATER (G1)
- QUARRY (I2.1)
- ARABLE (J1.1)
- AMENITY GRASSLAND (J1.2)
- BUILDING (J3.6)
- BARE GROUND (J4)
- NON-SURVEYED AREA (NSA)

0 50 100 Metres

LAYOUT DWG: N/A LAYOUT NO: PSC0hof063

FIGURE 7.2d

SCALE - 1:5,000 @ A3

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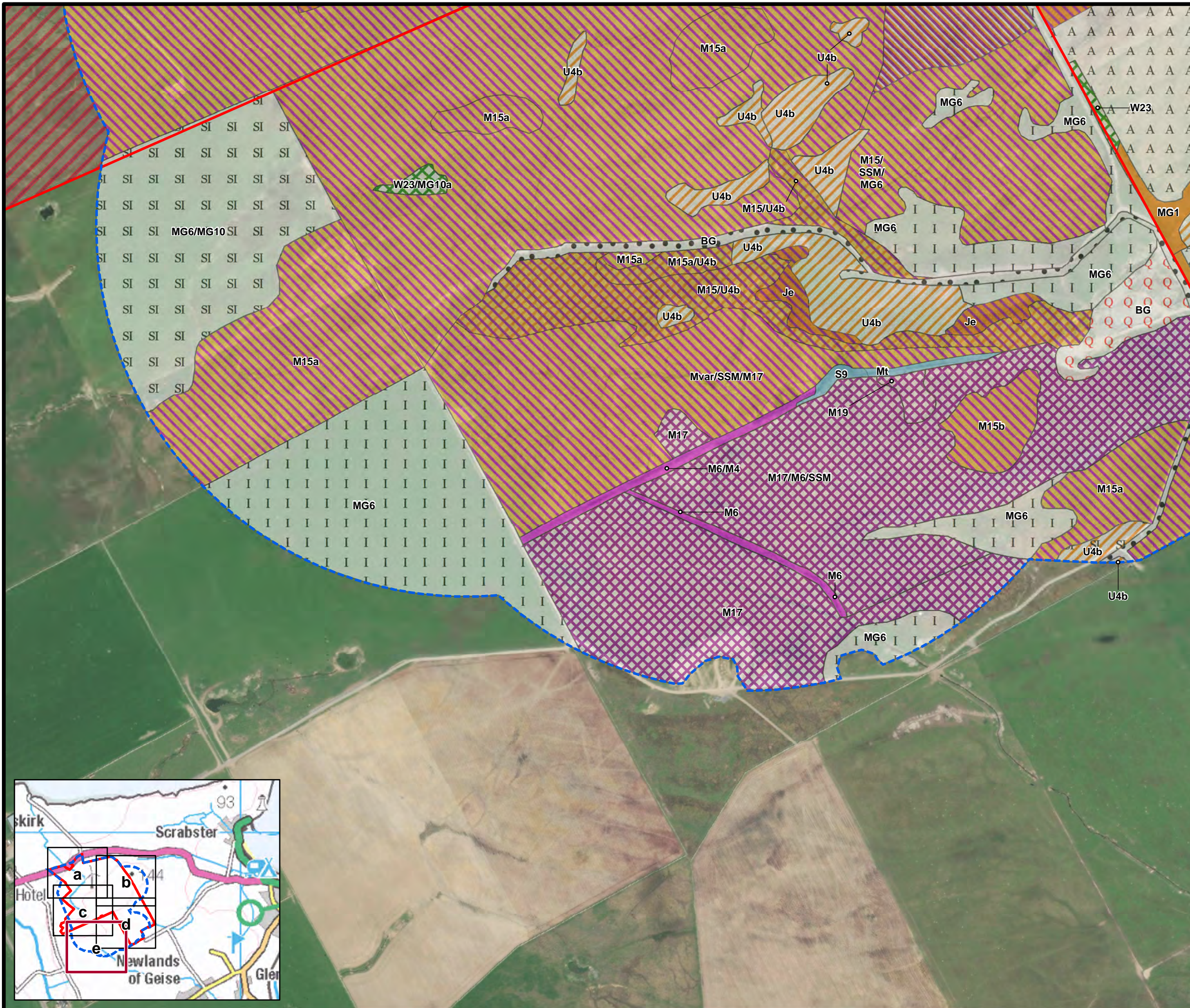


CAIRNMORE HILL WIND FARM

FIGURE 7.2e

NVC STUDY AREA AND SURVEY RESULTS

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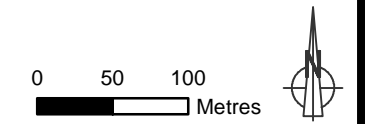


KEY

- SITE BOUNDARY
- NATIONAL VEGETATION CLASSIFICATION (NVC) STUDY AREA

PHASE 1 HABITAT TYPE (NVC LABELS)

- DENSE/CONTINUOUS SCRUB (A2.1)
- UNIMPROVED ACID GRASSLAND (B1.1)
- SEMI-IMPROVED ACID GRASSLAND (B1.2)
- UNIMPROVED NEUTRAL GRASSLAND (B2.1)
- IMPROVED GRASSLAND (B4)
- MARSH/MARSHY GRASSLAND (B5)
- MARSH/MARSHY GRASSLAND/WET DWARF SHRUB HEATH MOSAIC (B5/D2)
- POOR SEMI-IMPROVED GRASSLAND (B6)
- WET DWARF SHRUB HEATH (D2)
- WET HEATH/ACID GRASSLAND MOSAIC (D6)
- WET MODIFIED BOG (E1.7)
- ACID NEUTRAL FLUSH (E2.1)
- SWAMP (F1)
- QUARRY (I2.1)
- ARABLE (J1.1)
- BARE GROUND (J4)
- NON-SURVEYED AREA (NSA)



LAYOUT DWG: N/A LAYOUT NO: PSCOhof063

DRAWING NUMBER: **FIGURE 7.2e**

SCALE - 1:5,000 @ A3

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CAIRNMORE HILL WIND FARM

FIGURE 7.3a

POTENTIAL GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS (GWDTE) STUDY AREA AND SURVEY

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KEY

- TURBINE LOCATION
- SITE BOUNDARY
- INFRASTRUCTURE
- NATIONAL VEGETATION CLASSIFICATION (NVC) STUDY AREA
- POTENTIAL GWDTE**
- HIGHLY DOMINANT
- MODERATELY DOMINANT
- MODERATELY SUB-DOMINANT

TARGET NOTES

- HIGHLY DOMINANT
- MODERATELY DOMINANT



0 50 100
Metres

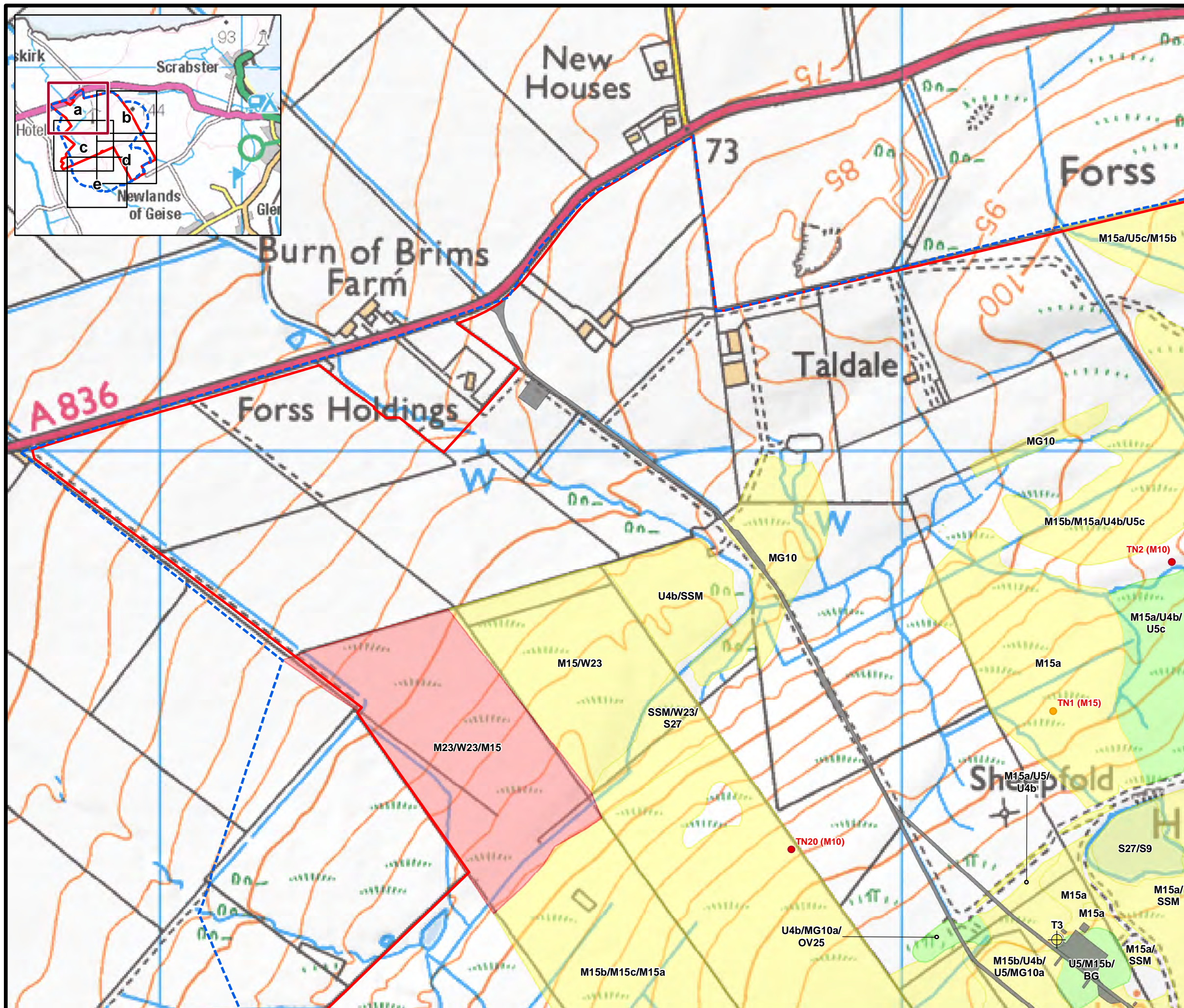
LAYOUT DWG: N/A LAYOUT NO: PSC0hof063

DRAWING NUMBER: FIGURE 7.3a

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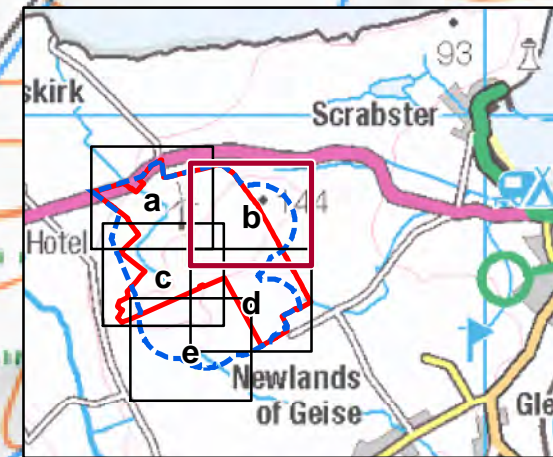
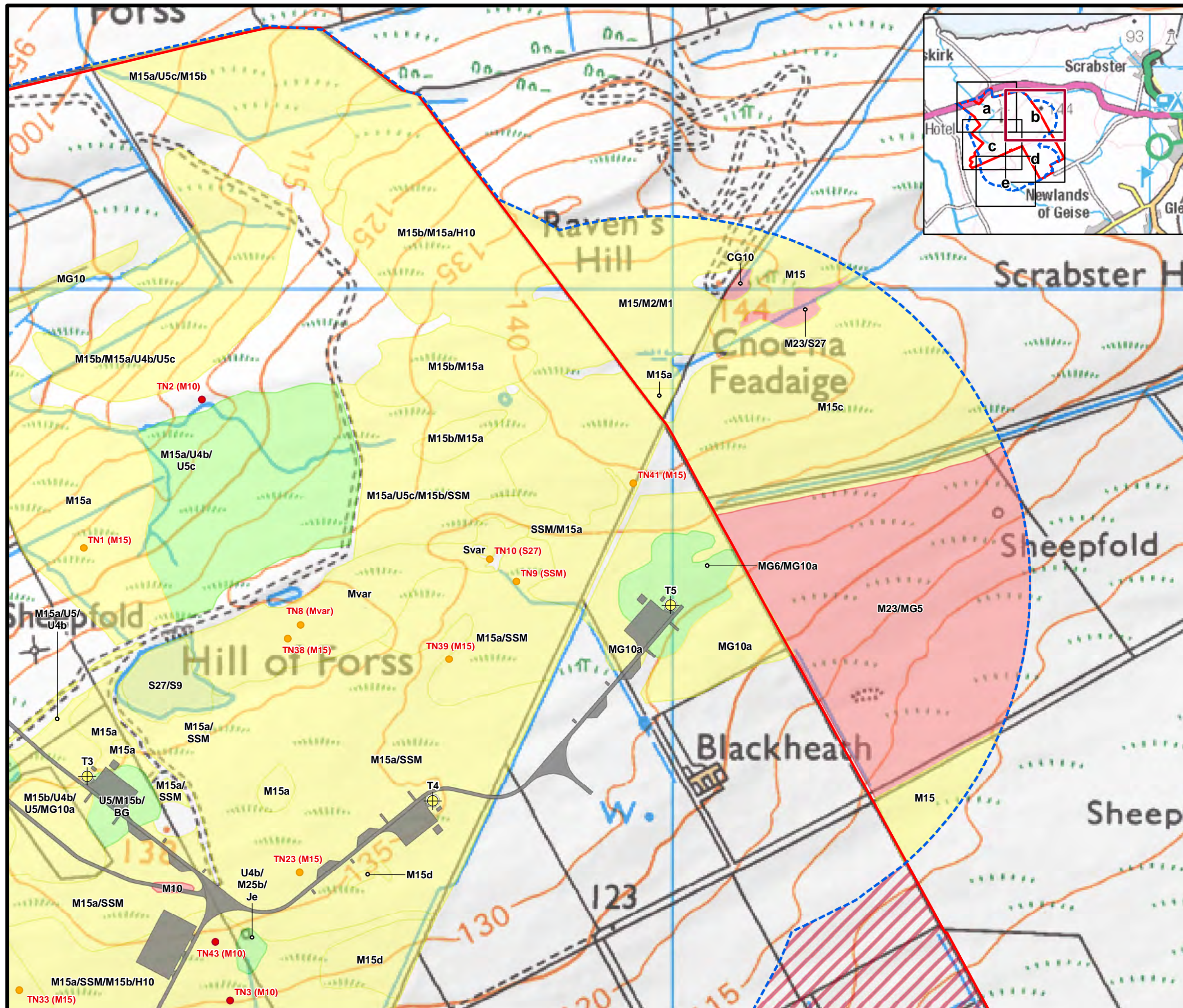


CAIRNMORE HILL WIND FARM

FIGURE 7.3b

POTENTIAL GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS (GWDTE) STUDY AREA AND SURVEY

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2022 LICENCE NUMBER 0100031673.



KEY

- TURBINE LOCATION
- SITE BOUNDARY
- INFRASTRUCTURE
- NATIONAL VEGETATION CLASSIFICATION (NVC) STUDY AREA
- POTENTIAL GWDTE**
- HIGHLY DOMINANT
- MODERATELY DOMINANT
- MODERATELY SUB-DOMINANT
- NON-SURVEYED

TARGET NOTES

- HIGHLY DOMINANT
- MODERATELY DOMINANT



0 50 100
Metres

LAYOUT DWG: N/A LAYOUT NO: PSCOhof063

DRAWING NUMBER: **FIGURE 7.3b**

SCALE - 1:5,000 @ A3

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CAIRNMORE HILL WIND FARM

FIGURE 7.3c

POTENTIAL GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS (GWDTE) STUDY AREA AND SURVEY

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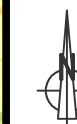
- TURBINE LOCATION
- SITE BOUNDARY
- INFRASTRUCTURE
- NATIONAL VEGETATION CLASSIFICATION (NVC) STUDY AREA

POTENTIAL GWDTE

- HIGHLY DOMINANT
- HIGHLY SUB-DOMINANT
- MODERATELY DOMINANT
- MODERATELY SUB-DOMINANT
- NON-SURVEYED

TARGET NOTES

- HIGHLY DOMINANT
- MODERATELY DOMINANT



0 50 100
Metres

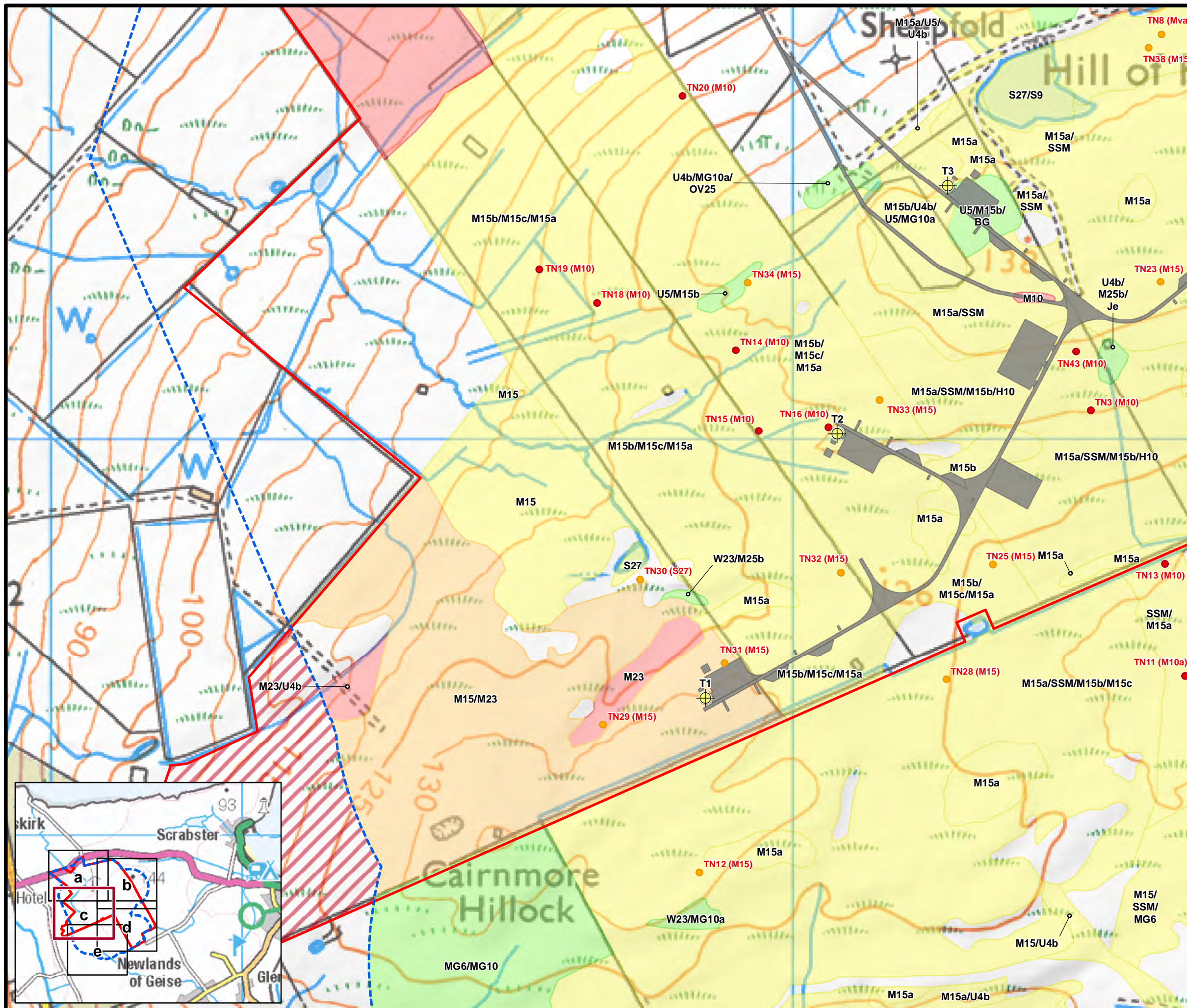
LAYOUT DWG: N/A LAYOUT NO: PSCOhof063

DRAWING NUMBER: FIGURE 7.3c

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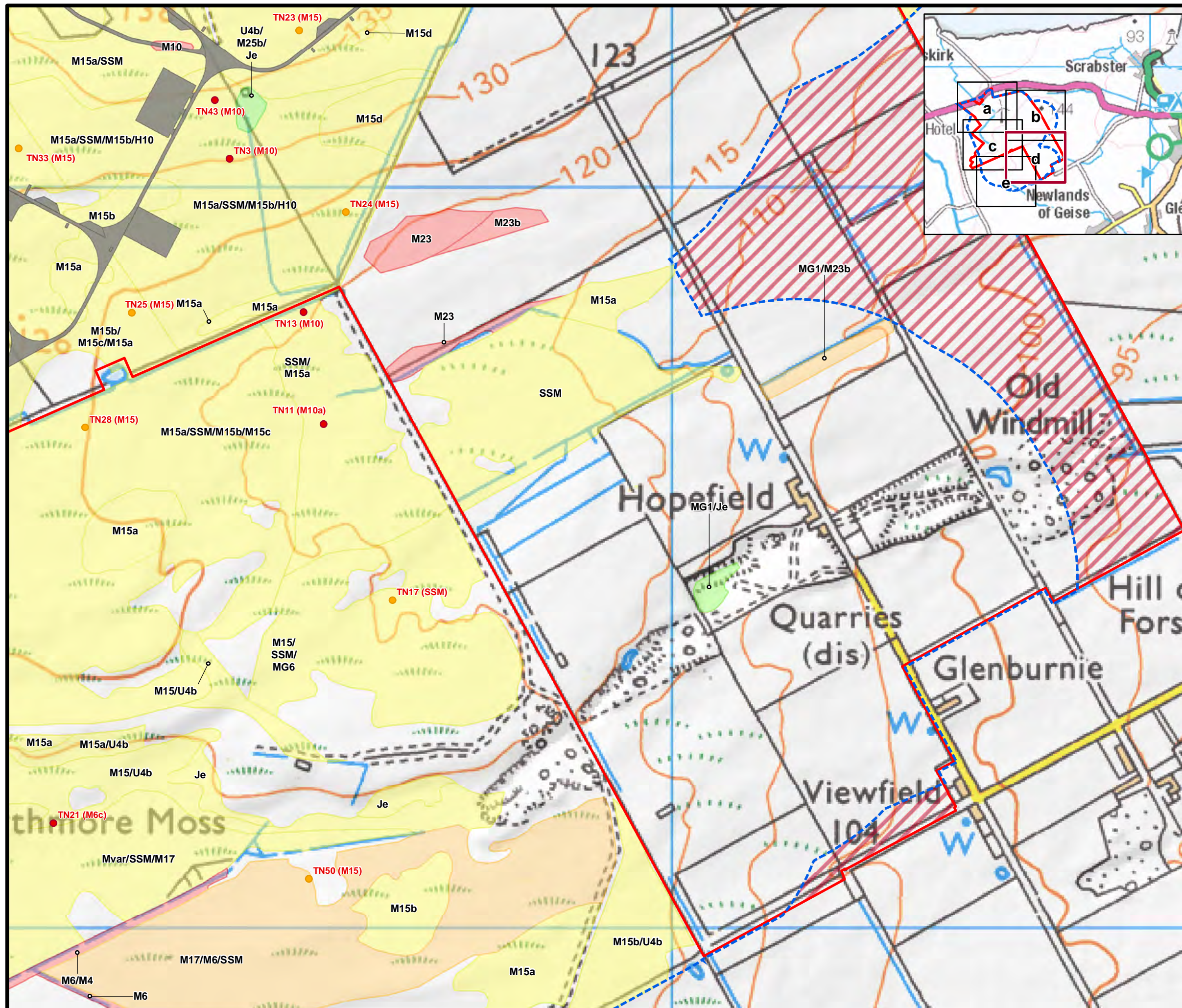


CAIRNMORE HILL WIND FARM

FIGURE 7.3d

POTENTIAL GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS (GWDTE) STUDY AREA AND SURVEY

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KEY

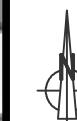
- SITE BOUNDARY
- INFRASTRUCTURE
- NATIONAL VEGETATION CLASSIFICATION (NVC) STUDY AREA

POTENTIAL GWDTE

- HIGHLY DOMINANT
- HIGHLY SUB-DOMINANT
- MODERATELY DOMINANT
- MODERATELY SUB-DOMINANT
- NON-SURVEYED AREA

TARGET NOTES

- HIGHLY DOMINANT
- MODERATELY DOMINANT



0 50 100
Metres

LAYOUT DWG: N/A LAYOUT NO: PSC0hof063

DRAWING NUMBER: FIGURE 7.3d

SCALE - 1:5,000 @ A3

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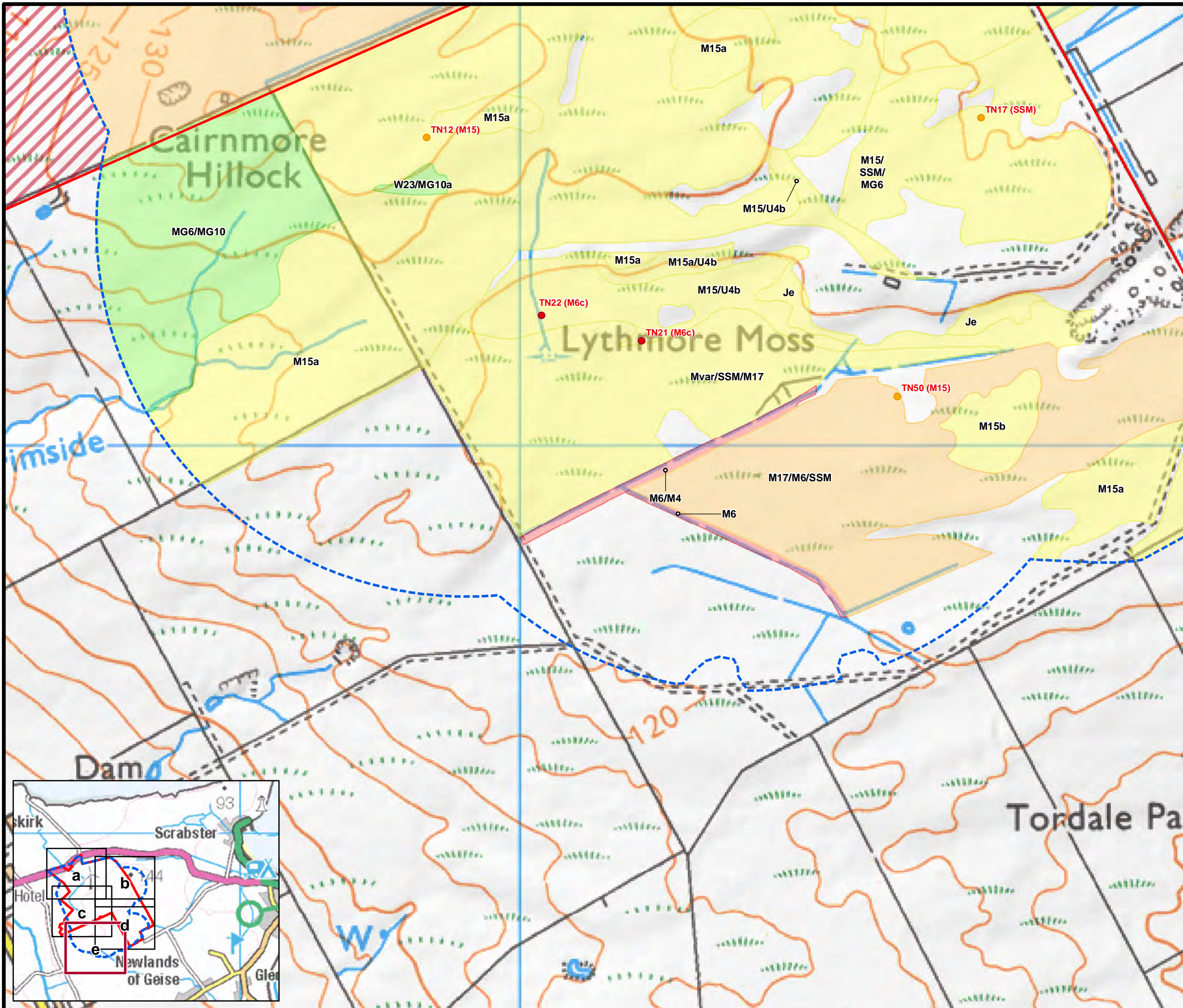


CAIRNMORE HILL WIND FARM

FIGURE 7.3e

POTENTIAL GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS (GWDTE) STUDY AREA AND SURVEY

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KEY

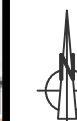
- SITE BOUNDARY
- NATIONAL VEGETATION CLASSIFICATION (NVC) STUDY AREA

POTENTIAL GWDTE

- HIGHLY DOMINANT
- HIGHLY SUB-DOMINANT
- MODERATELY DOMINANT
- MODERATELY SUB-DOMINANT
- NON-SURVEYED

TARGET NOTES

- HIGHLY DOMINANT
- MODERATELY DOMINANT



0 50 100 Metres

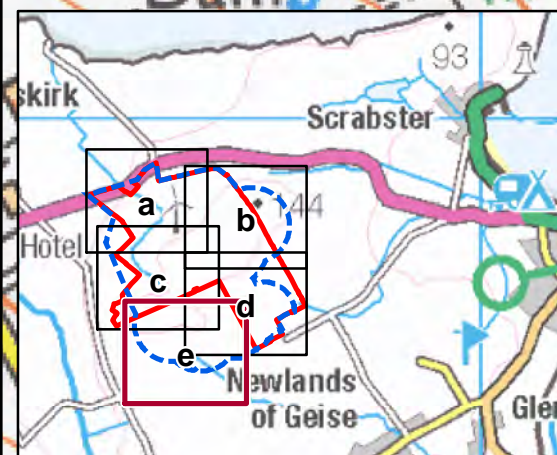
LAYOUT DWG: N/A LAYOUT NO: PSCOhof063

DRAWING NUMBER: FIGURE 7.3e

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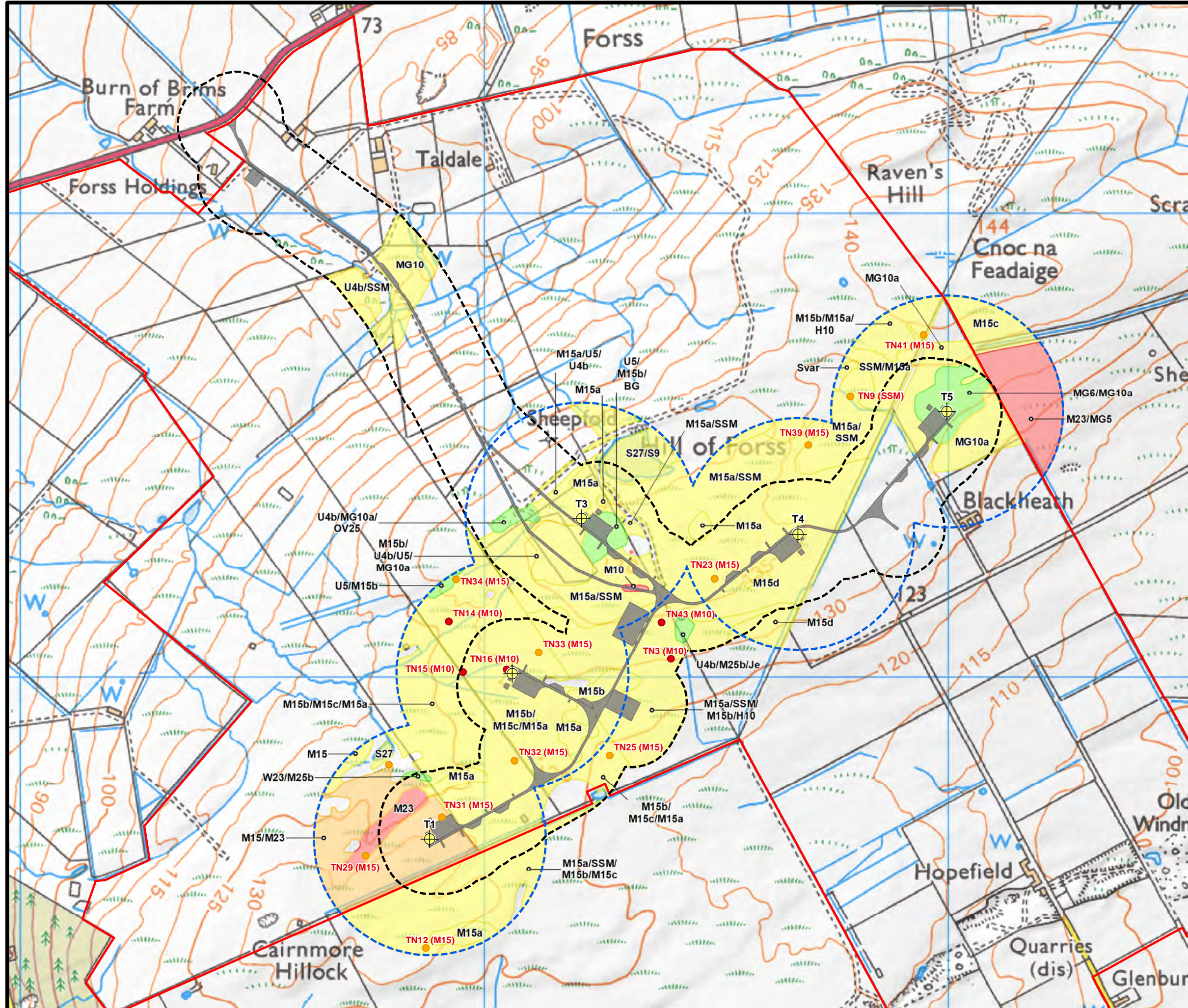


CAIRNMORE HILL WIND FARM

FIGURE 7.4

HYDROLOGICAL SENSITIVITY OF POTENTIAL GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS (GWDTES)

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KEY

- TURBINE LOCATION
- SITE BOUNDARY
- INFRASTRUCTURE

STUDY AREAS

- 100M (FROM EXCAVATIONS LESS THAN 1M)
- 250M (FROM EXCAVATIONS GREATER THAN 1M)

POTENTIAL GWDTE

- HIGHLY DOMINANT
- HIGHLY SUB-DOMINANT
- MODERATELY DOMINANT
- MODERATELY SUB-DOMINANT

TARGET NOTES

- HIGHLY DOMINANT
- MODERATELY DOMINANT



0 100 200 Metres

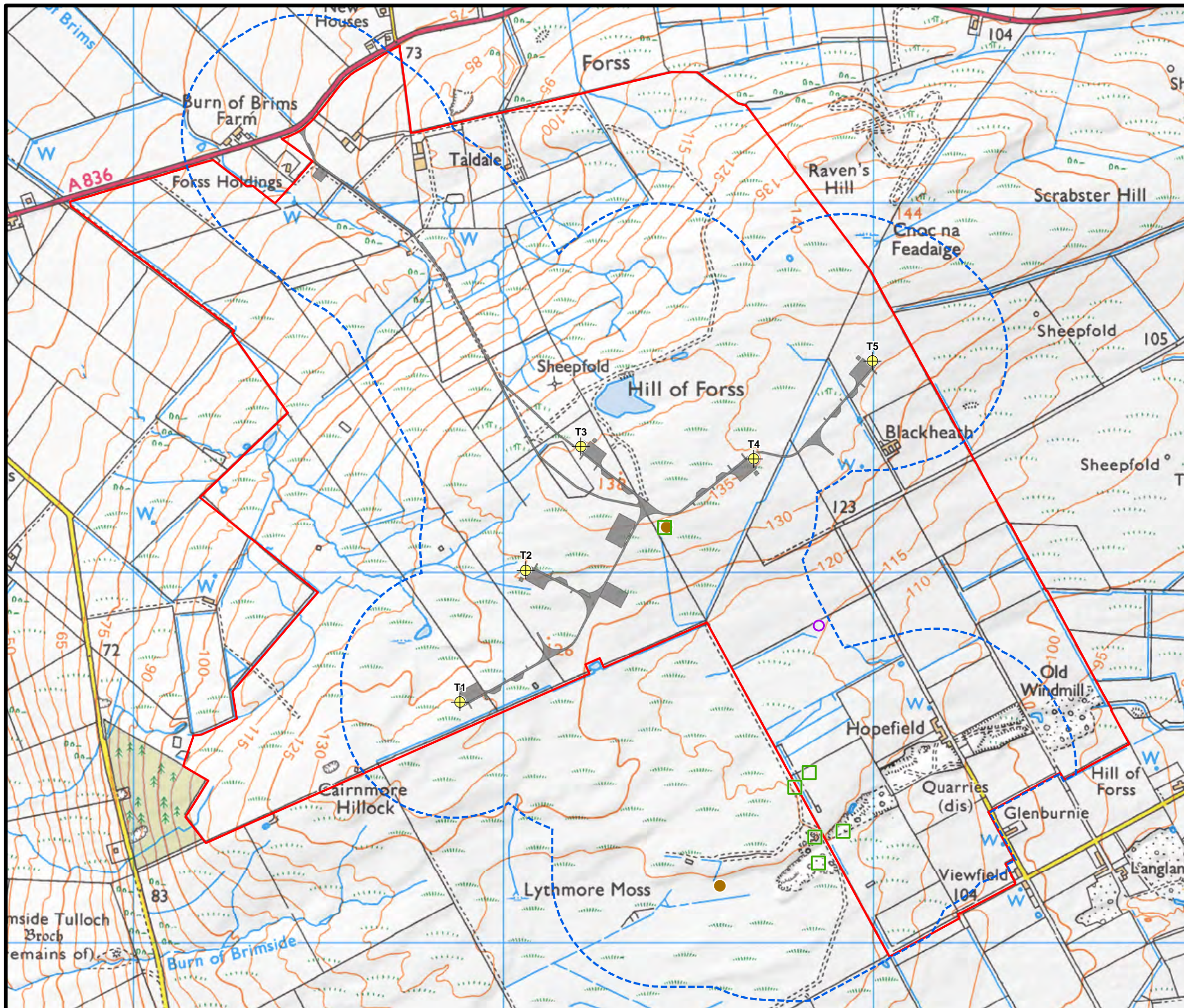
LAYOUT DWG: N/A LAYOUT NO: PSCOhof063

DRAWING NUMBER: **FIGURE 7.4**

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CAIRNMORE HILL
WIND FARM

FIGURE 7.5

PROTECTED SPECIES
SURVEY RESULTS

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KEY

- TURBINE LOCATION
- SITE BOUNDARY
- INFRASTRUCTURE
- PROTECTED SPECIES STUDY AREA

PROTECTED SPECIES RESULTS

- BADGER - POTENTIAL PRINT
- MAMMAL - HOLE
- REPTILE - POTENTIAL HIBERNACULUM



0 100 200
Metres

LAYOUT DWG: N/A LAYOUT NO: PSCOhof063

FIGURE 7.5

SCALE - 1:10,000 @ A3

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REPORT AND PLANNING APPLICATION 2022

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CAIRNMORE HILL WIND FARM

FIGURE 7.6

BAT SURVEY RESULTS

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KEY

- TURBINE LOCATION
 - SITE BOUNDARY
 - INFRASTRUCTURE
 - BAT ROOST ASSESSMENT STUDY AREA 2019
 - ANABAT LOCATION 2014
- POTENTIAL ROOST FEATURE SUITABILITY**
- MODERATE
 - NEGLIGIBLE



0 100 200
Metres

LAYOUT DWG: N/A LAYOUT NO: PSCOhof063

FIGURE 7.6

SCALE - 1:10,000 @ A3

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