

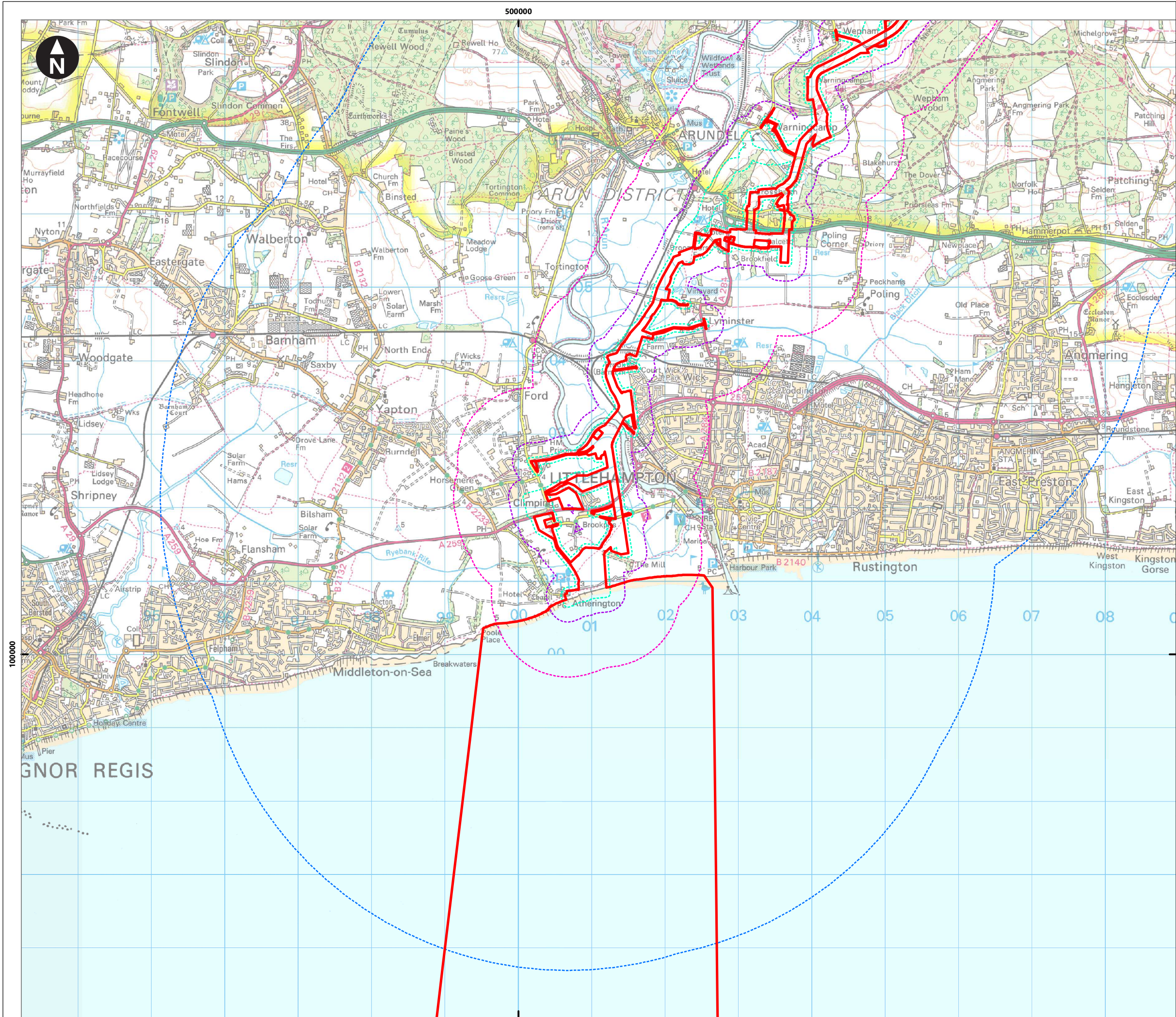
Volume 3, Chapter 23

Terrestrial Ecology Figures



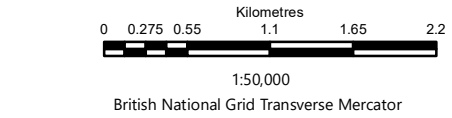
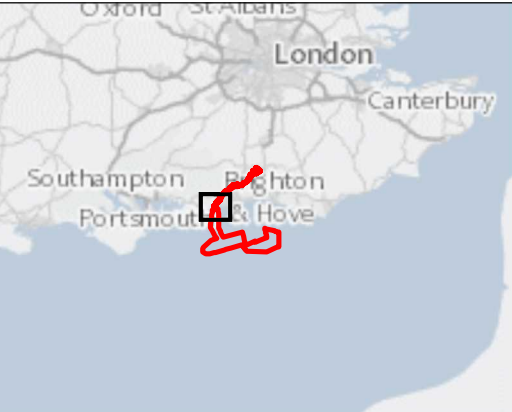
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- Key**
- PEIR Assessment Boundary
 - 5km Area of Search for National Nature Reserve (NNR), Site of Special Scientific Interest (SSSI), Local Wildlife Sites (LWS), Natural Range of Variability (NRV), Habitat of Principal Importance (HPI), legally protected and notable species, and legally controlled species
 - 1km Area of Search for Local Nature Reserves (LNR)
 - 500m Area of Search for waterbodies around proposed onshore substations
 - 250m Area of Search for waterbodies around the PEIR onshore assessment
 - 50m Phase 1 habitat survey area buffer



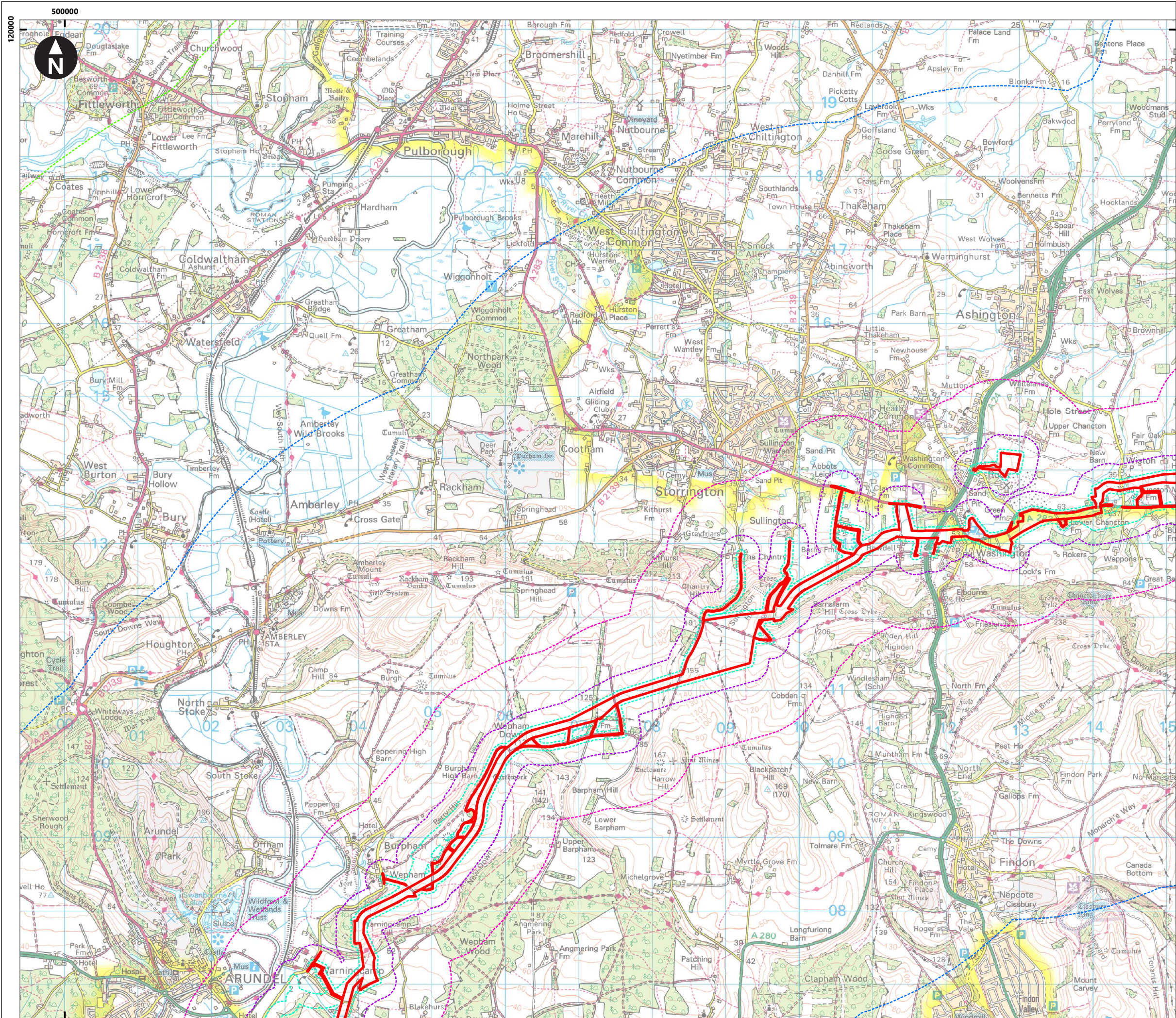
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 23.1a Terrestrial ecology and nature conservation study area

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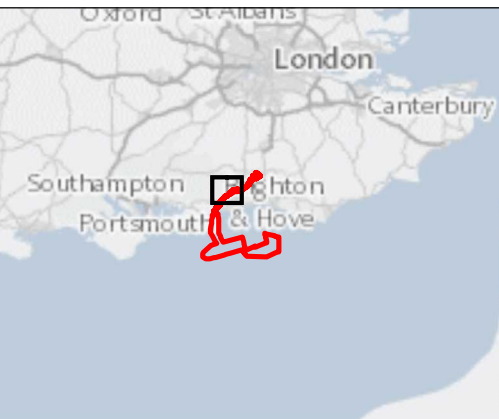
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Key

- PEIR Assessment Boundary
- 5km Area of Search for National Nature Reserve (NNR), Site of Special Scientific Interest (SSSI), Local Wildlife Sites (LWS), Natural Range of Variability (NRV), Habitat of Principal Importance (HPI), legally protected and notable species, and legally controlled species
- 1km Area of Search for Local Nature Reserves (LNR)
- 500m Area of Search for waterbodies around proposed onshore substations
- 250m Area of Search for waterbodies around the PEIR onshore assessment
- 50m Phase 1 habitat survey area buffer



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Rampion Extension Development



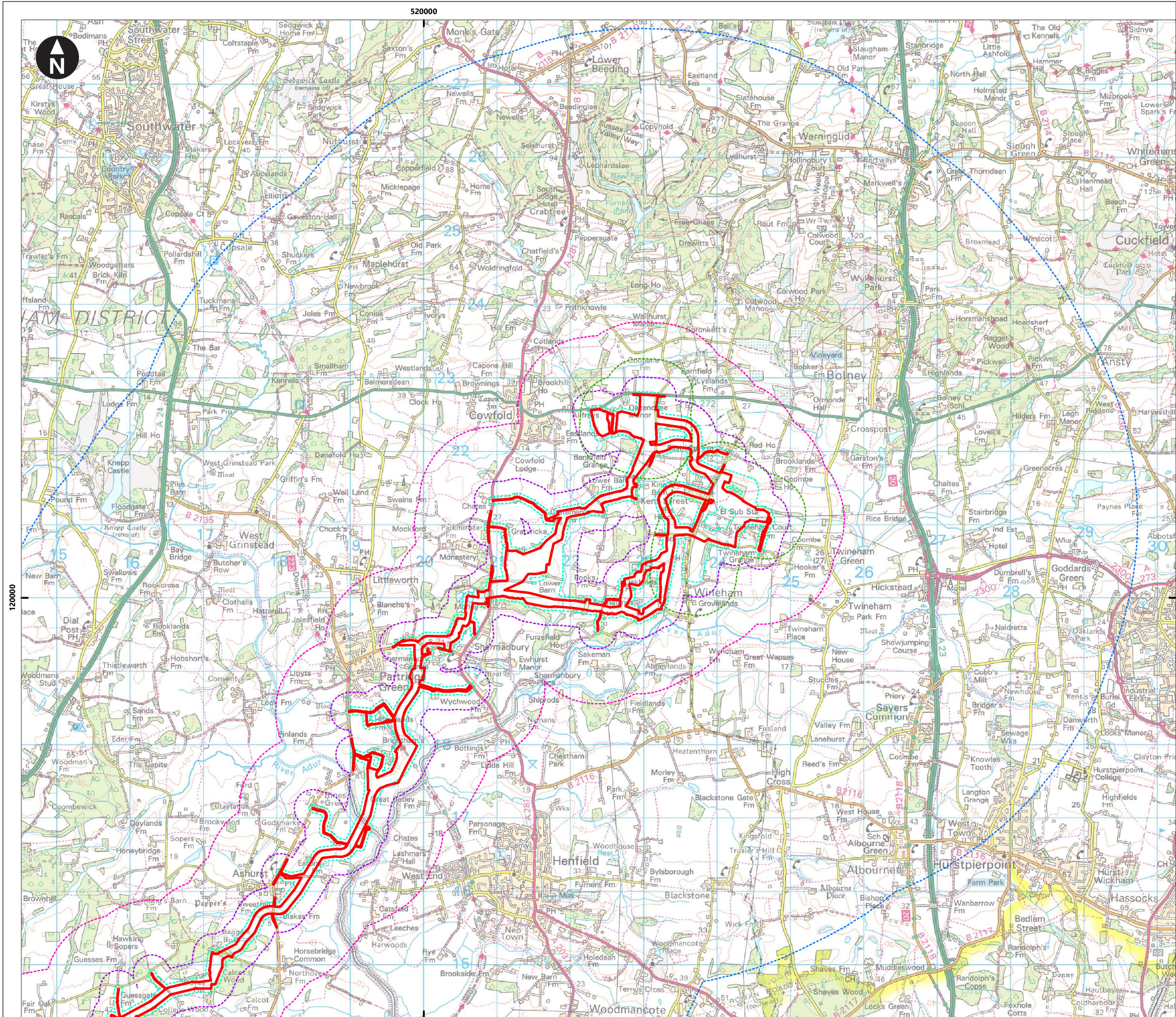
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Figure 23.1b Terrestrial ecology and nature conservation study area

Preliminary Environmental Information Report

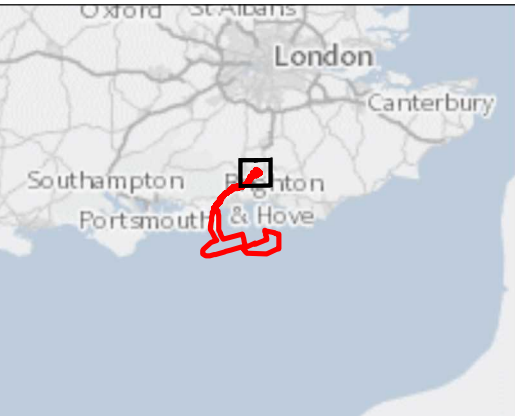
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Company: Wood	Drawn By: BARNB	Chk/Prvd: DARCJ	Drawn Date: 24/06/2021	Status: Final
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- Key**
- 5km Area of Search for National Nature Reserve (NNR), Site of Special Scientific Interest (SSSI), Local Wildlife Sites (LWS), Natural Range of Variability (NRV), Habitat of Principal Importance (HPI), legally protected and notable species, and legally controlled species
 - 1km Area of Search for Local Nature Reserves (LNR)
 - 500m Area of Search for waterbodies around proposed onshore substations
 - 250m Area of Search for waterbodies around the PEIR onshore assessment
 - 50m Phase 1 habitat survey area buffer



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Figure 23.1c Terrestrial ecology and nature conservation study area



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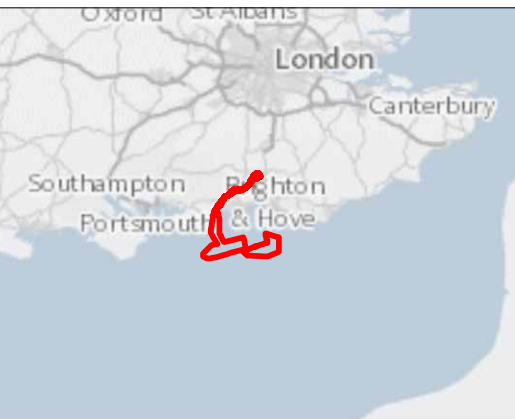
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Key

-  PEIR Assessment Boundary
-  Tetrad grid



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British National Grid Transverse Mercator

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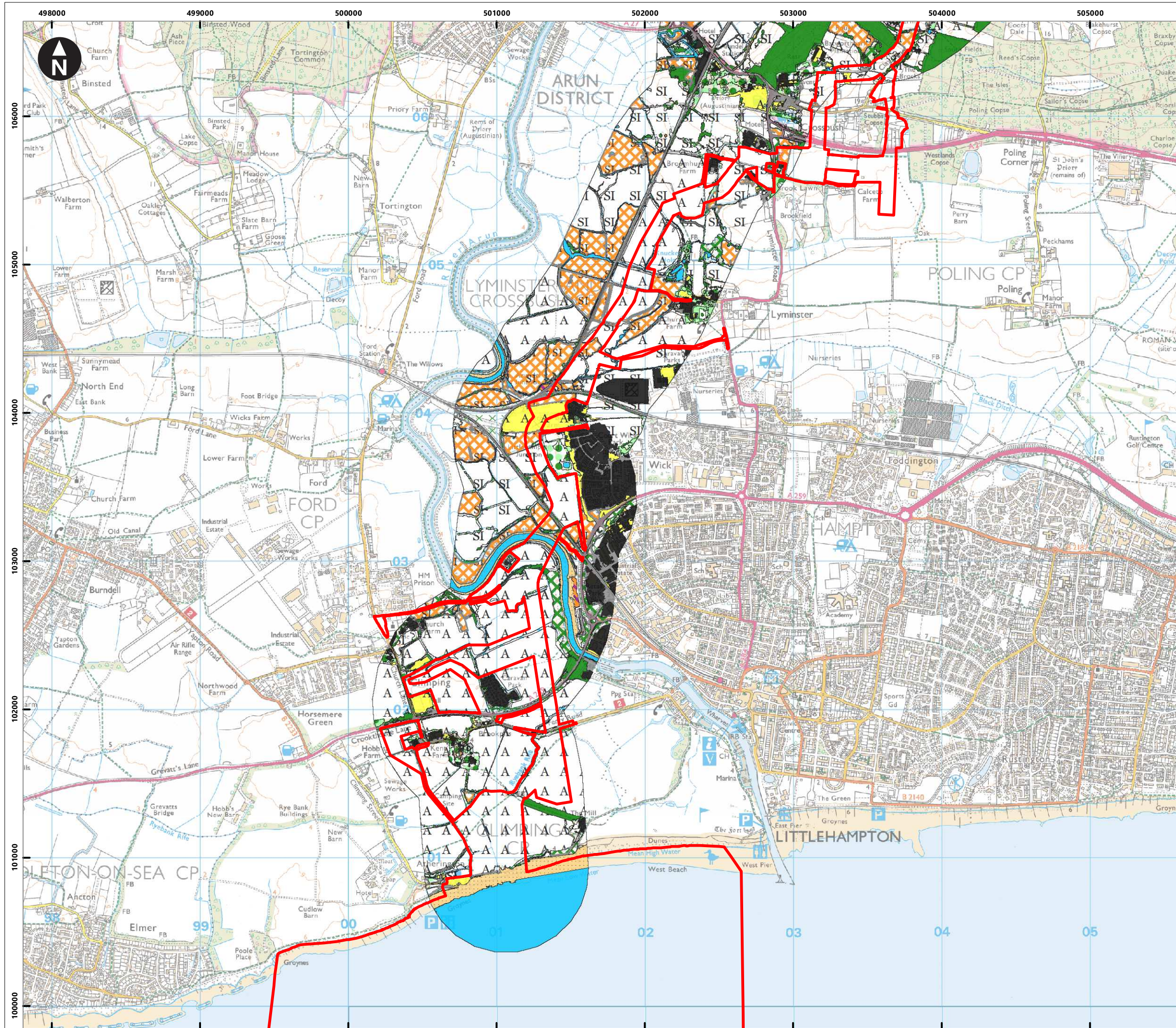


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Figure 23.2 Data coverage provision from
Sussex Ornithological Society

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Key

PEIR Assessment Boundary

Phase 1 habitat

A1.1.1: Broadleaved woodland - semi-natural	G1: Standing water
A1.2.2: Coniferous woodland - plantation	G2: Running water
A1.3.1: Mixed woodland - semi-natural	H1.1: Intertidal - mud/sand
A2.1: Scrub-Dense/Continuous	I2.1: Quarry
A2.2: Scrub- Scattered	J1.1: Arable
A3.3: Parkland and scattered trees- mixed	J1.2: Amenity grassland
B3: Calcareous grassland	J3.6: Buildings
B4: Improved grassland *	J4: Bare ground
B5: Marsh/marshy grassland	J5: Other habitat - Hardstanding
	J5: Other habitat - Hedgerow
	J5: Other habitat - Wet ditch

* B4. Improved pasture represents a combination of improved and semi-improved grasslands (B2.2, B4 and B6). For further details see Appendix F

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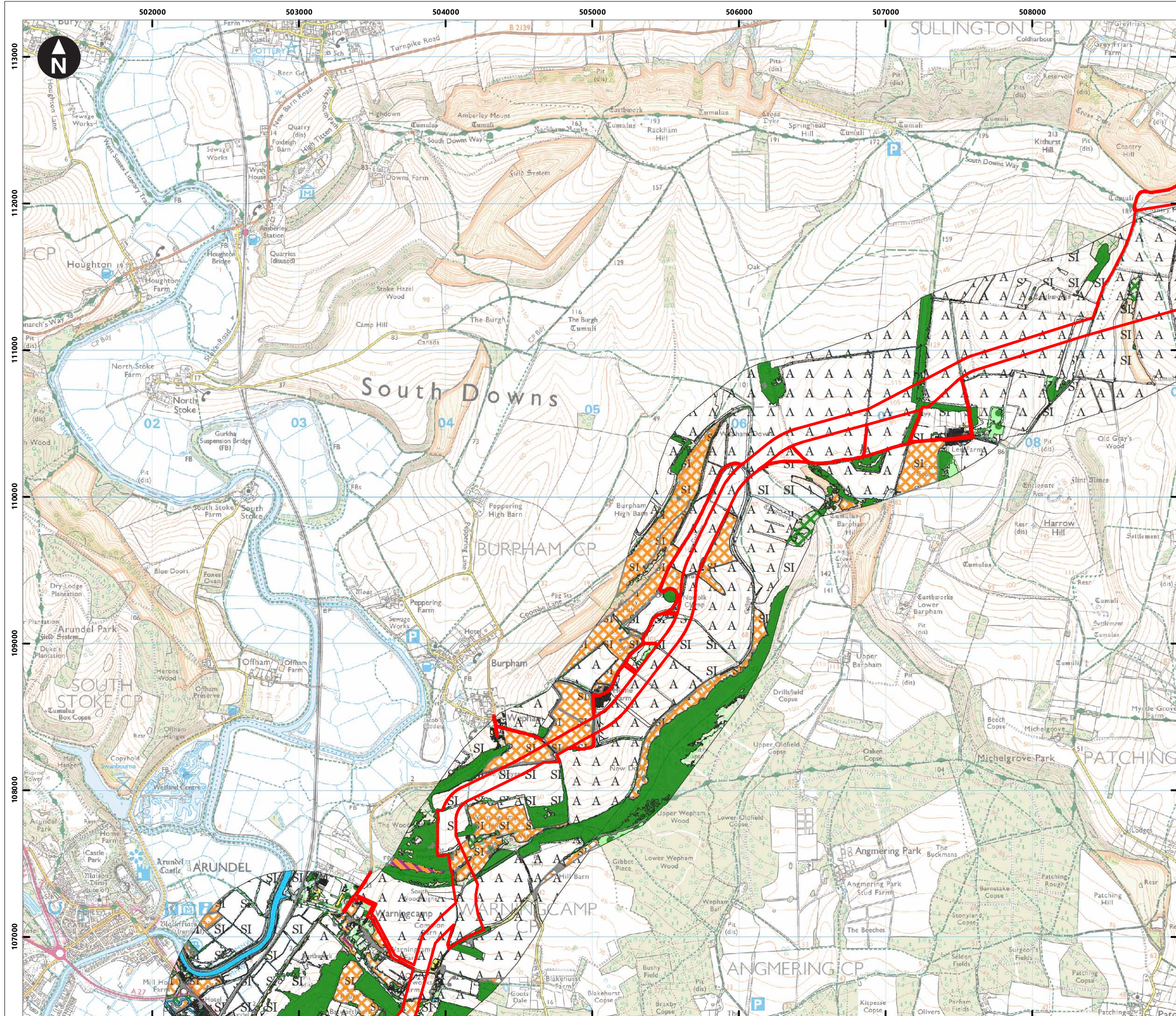
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Figure 23.3a Remote sensing habitat classification - Area a

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System Identifier: 42285-WOOD-PE-ON-FG-OO-2464		Version: 1.0	
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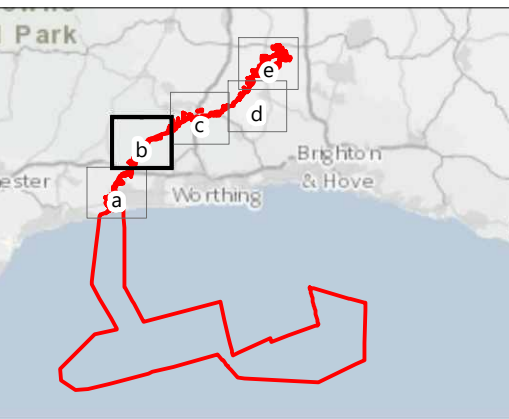
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PEIR Assessment Boundary

Phase 1 habitat

A1.1.1: Broadleaved woodland - semi-natural	G1: Standing water
A1.2.2: Coniferous woodland - plantation	G2: Running water
A1.3.1: Mixed woodland - semi-natural	H1.1: Intertidal - mud/sand
A2.1: Scrub-Dense/Continuous	I2.1: Quarry
A2.2: Scrub- Scattered	J1.1: Arable
A3.3: Parkland and scattered trees- mixed	J1.2: Amenity grassland
B3: Calcareous grassland	J3.6: Buildings
B4: Improved grassland *	J4: Bare ground
B5: Marsh/marshy grassland	J5: Other habitat - Hardstanding
	J5: Other habitat - Hedgerow
	J5: Other habitat - Wet ditch

* B4. Improved pasture represents a combination of improved and semi-improved grasslands (B2.2, B4 and B6). For further details see Appendix F



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Rampion Extension Development



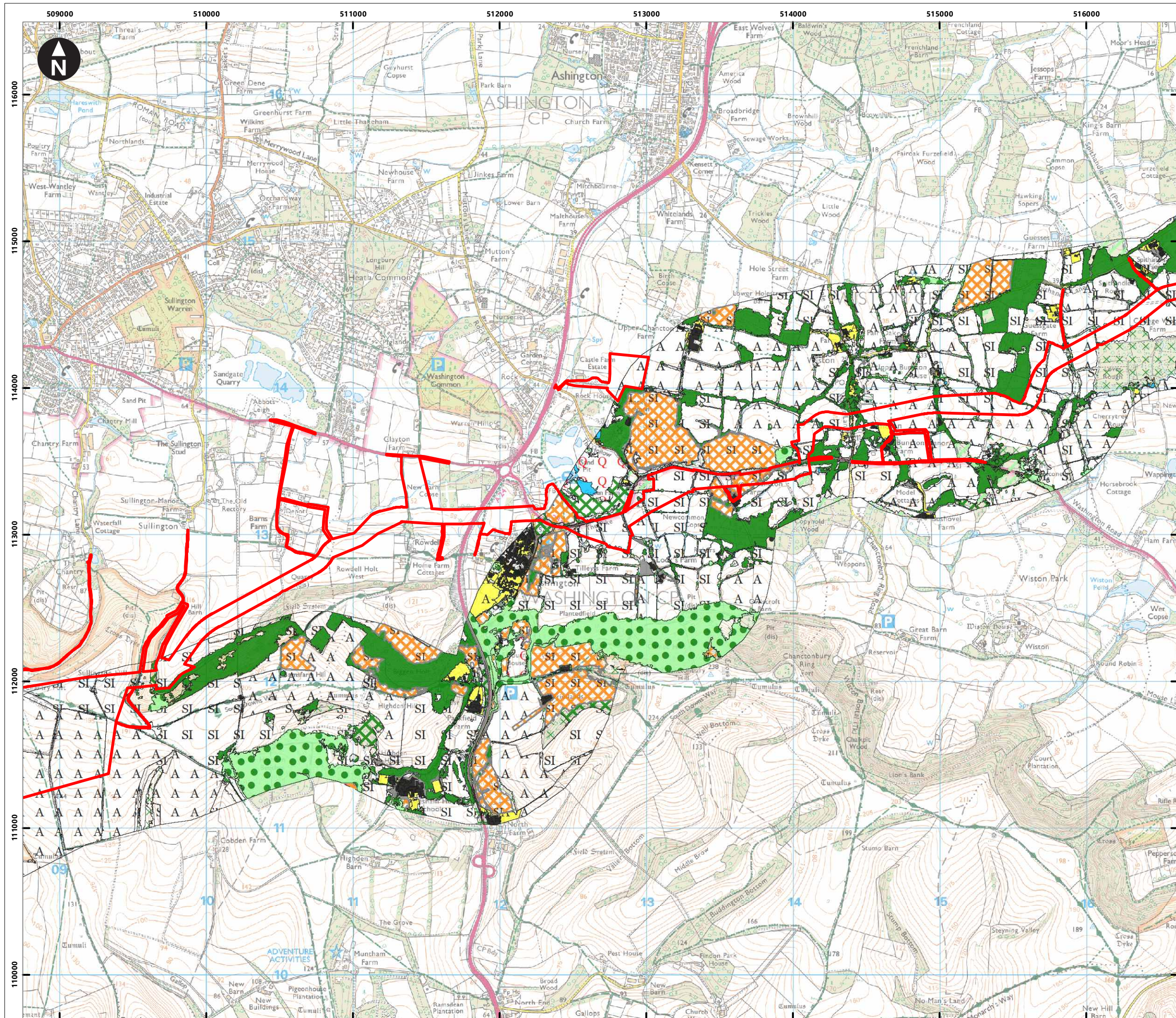
Rampion 2 Offshore Wind Farm

Figure 23.3b Remote sensing habitat classification - Area b

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Key

Phase 1 habitat

A1.1.1: Broadleaved woodland - semi-natural	G1: Standing water
A1.2.2: Coniferous woodland - plantation	G2: Running water
A1.3.1: Mixed woodland - semi-natural	H1.1: Intertidal - mud/sand
A2.1: Scrub-Dense/Continuous	I2.1: Quarry
A2.2: Scrub- Scattered	J1.1: Arable
A3.3: Parkland and scattered trees- mixed	J1.2: Amenity grassland
B3: Calcareous grassland	J3.6: Buildings
B4: Improved grassland *	J4: Bare ground
B5: Marsh/marshy grassland	J5: Other habitat - Hardstanding
	J5: Other habitat - Hedgerow
	J5: Other habitat - Wet ditch

* B4. Improved pasture represents a combination of improved and semi-improved grasslands (B2.2, B4 and B6). For further details see Appendix F

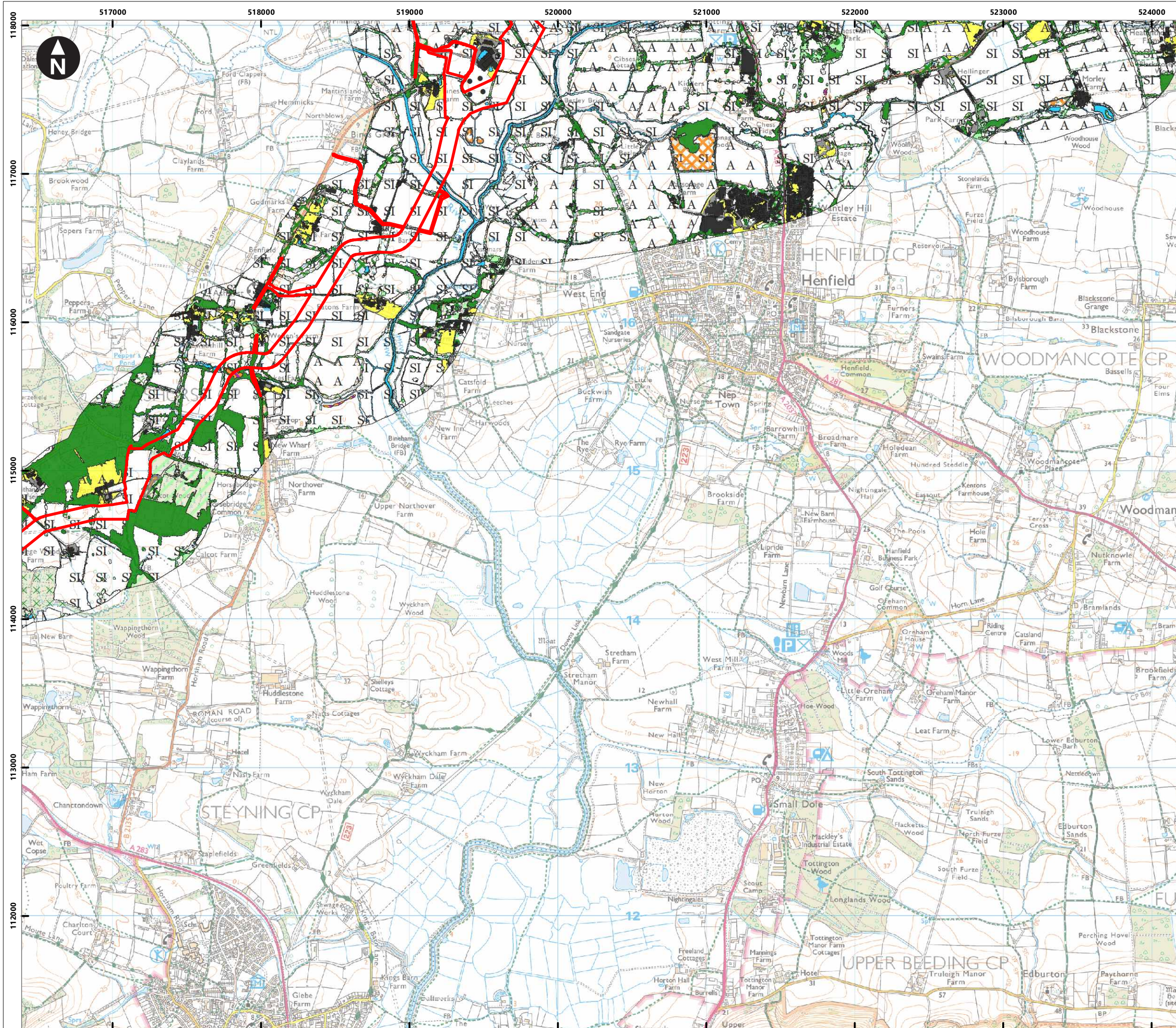
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Figure 23.3c Remote sensing habitat classification - Area c

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Key

PEIR Assessment Boundary

Phase 1 habitat

A1.1.1: Broadleaved woodland - semi-natural	G1: Standing water
A1.2.2: Coniferous woodland - plantation	G2: Running water
A1.3.1: Mixed woodland - semi-natural	H1.1: Intertidal - mud/sand
A2.1: Scrub-Dense/Continuous	I2.1: Quarry
A2.2: Scrub- Scattered	J1.1: Arable
A3.3: Parkland and scattered trees- mixed	J1.2: Amenity grassland
B3: Calcareous grassland	J3.6: Buildings
B4: Improved grassland *	J4: Bare ground
B5: Marsh/marshy grassland	J5: Other habitat - Hardstanding
	J5: Other habitat - Hedgerow
	J5: Other habitat - Wet ditch

* B4. Improved pasture represents a combination of improved and semi-improved grasslands (B2.2, B4 and B6). For further details see Appendix F

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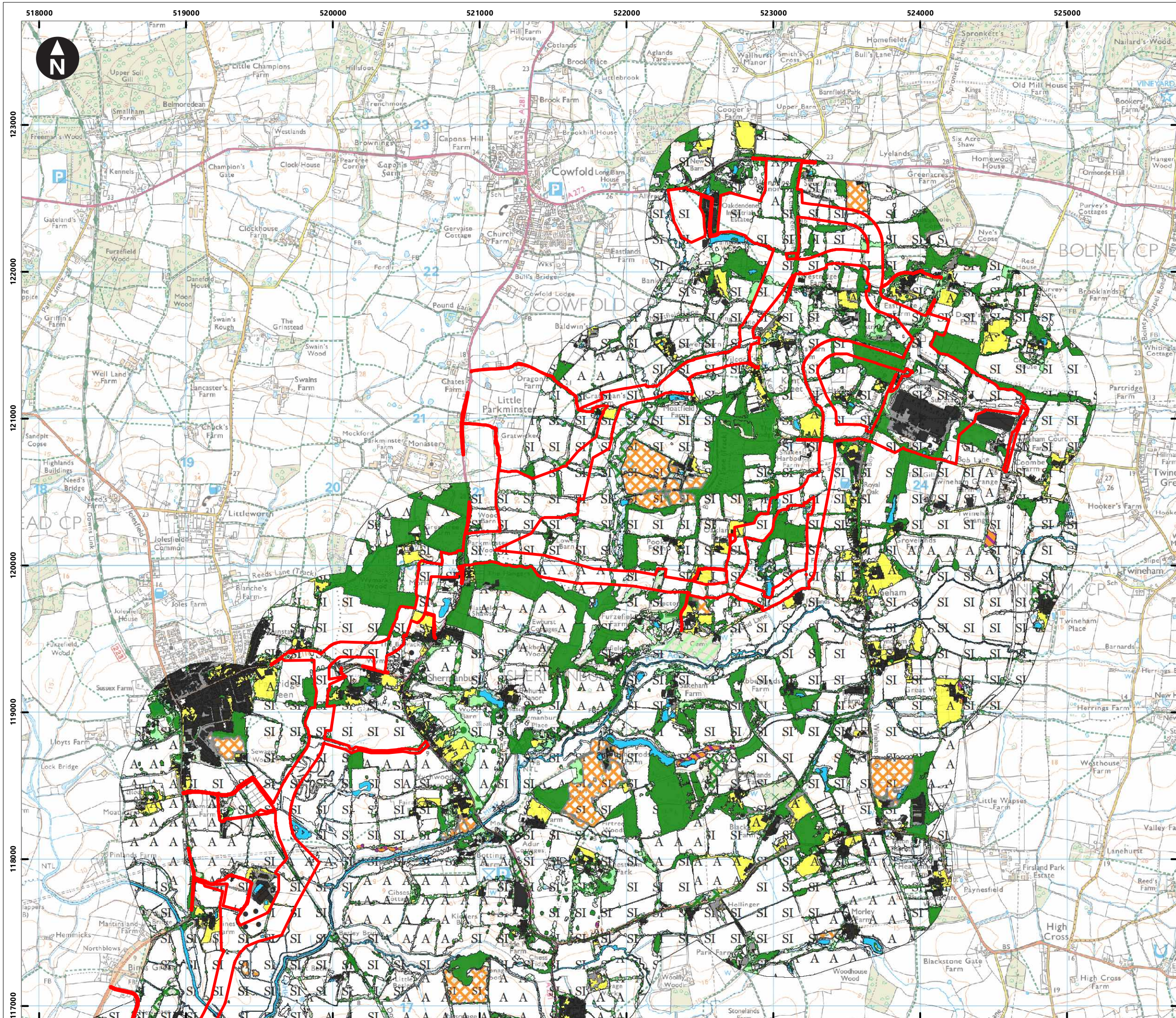
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 23.3d Remote sensing habitat classification - Area d

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Company: Wood	Drawn By: BARNB	Chk/Aprvd: DARCJ
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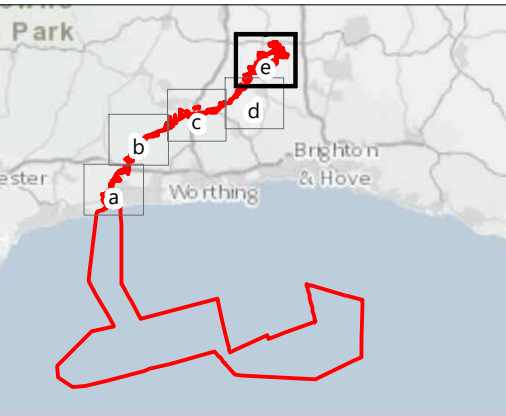
Key

PEIR Assessment Boundary

Phase 1 habitat

- | | |
|---|----------------------------------|
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| A1.2.2: Coniferous woodland - plantation | G2: Running water |
| A1.3.1: Mixed woodland - semi-natural | H1.1: Intertidal - mud/sand |
| A2.1: Scrub-Dense/Continuous | I2.1: Quarry |
| A2.2: Scrub- Scattered | J1.1: Arable |
| A3.3: Parkland and scattered trees- mixed | J1.2: Amenity grassland |
| B3: Calcareous grassland | J3.6: Buildings |
| B4: Improved grassland * | J4: Bare ground |
| B5: Marsh/marshy grassland | J5: Other habitat - Hardstanding |
| | J5: Other habitat - Hedgerow |
| | J5: Other habitat - Wet ditch |

* B4. Improved pasture represents a combination of improved and semi-improved grasslands (B2.2, B4 and B6). For further details see Appendix F



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British National Grid Transverse Mercator

Rampion Extension Development



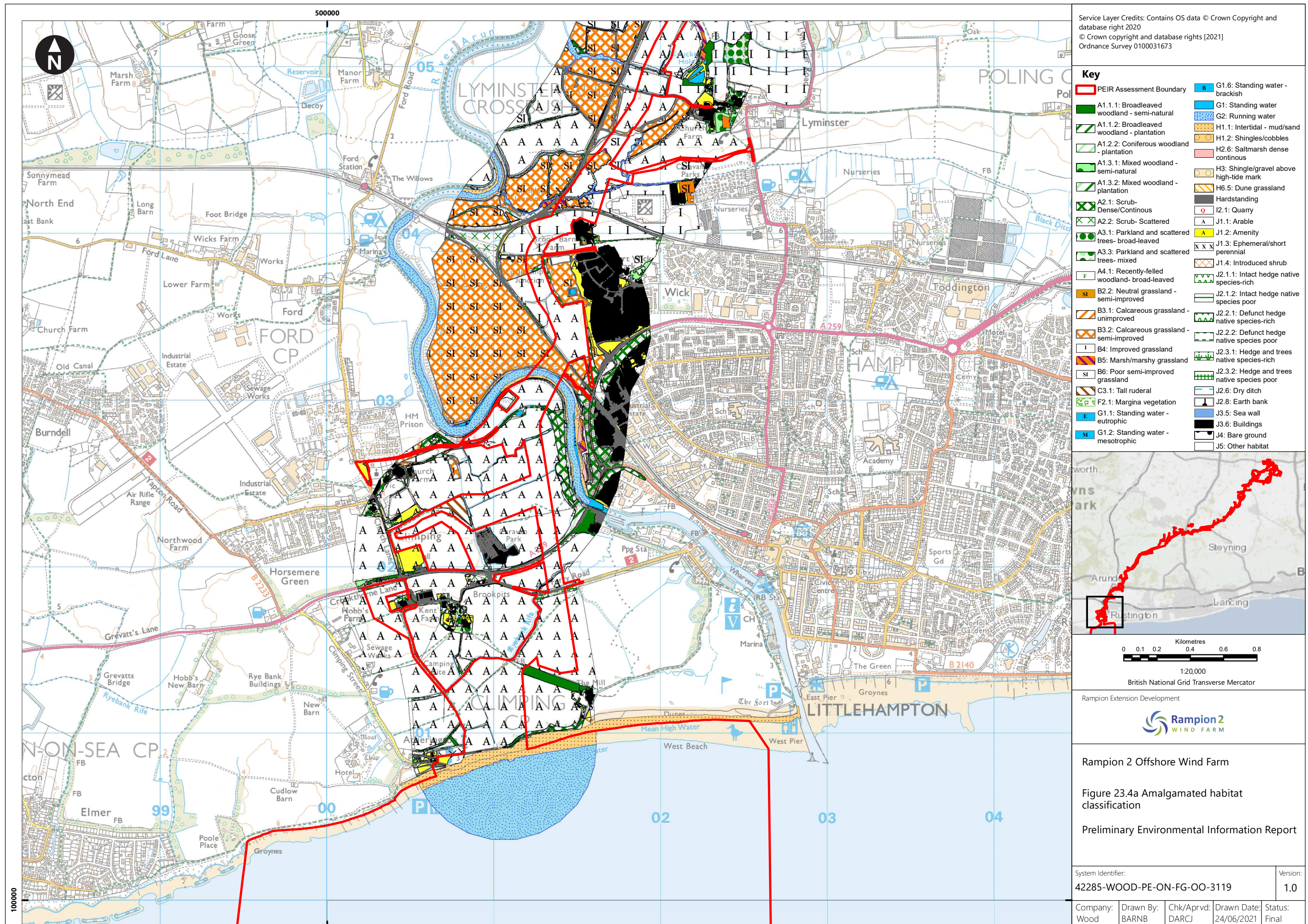
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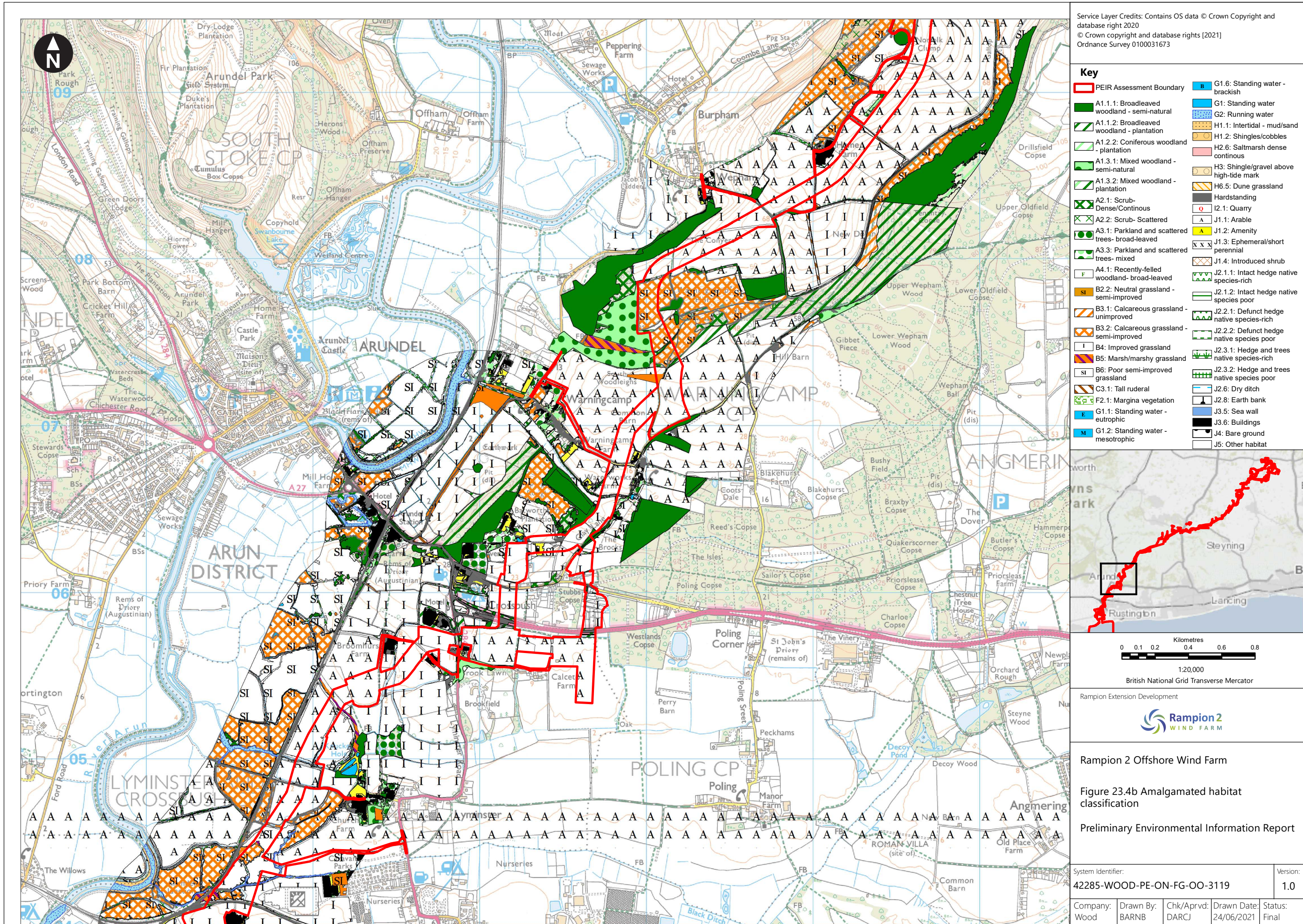
Figure 23.3e Remote sensing habitat classification - Area e

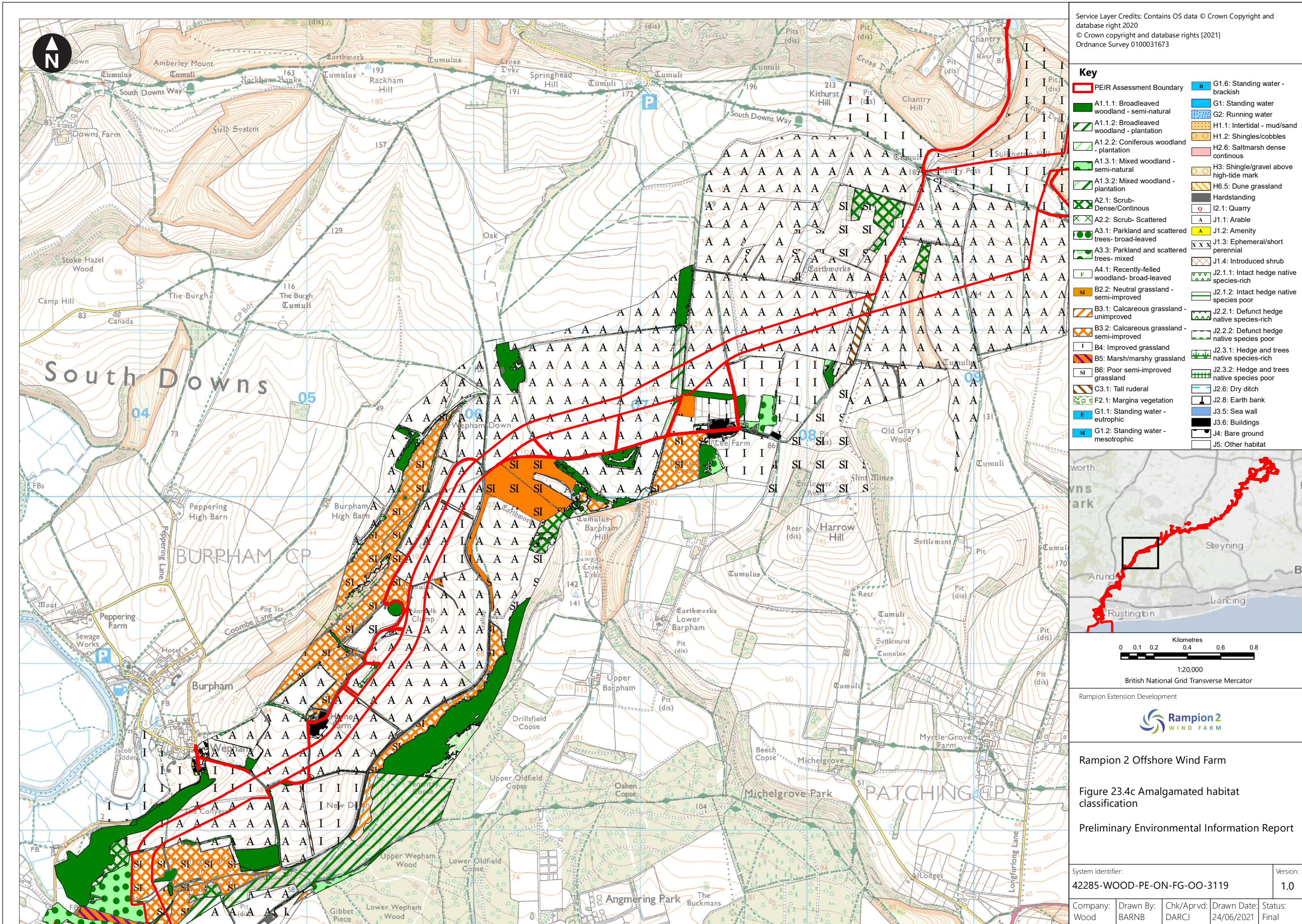
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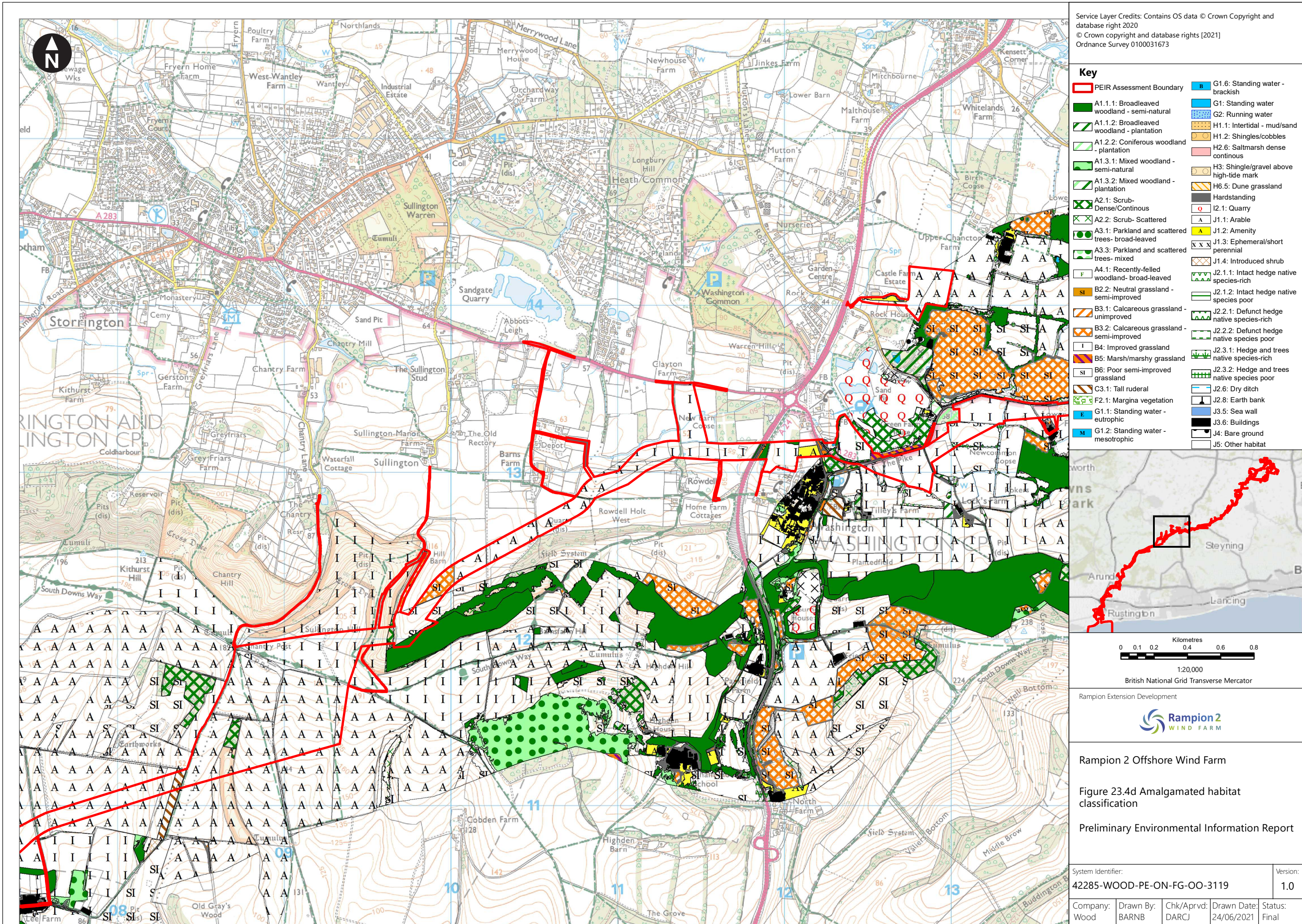
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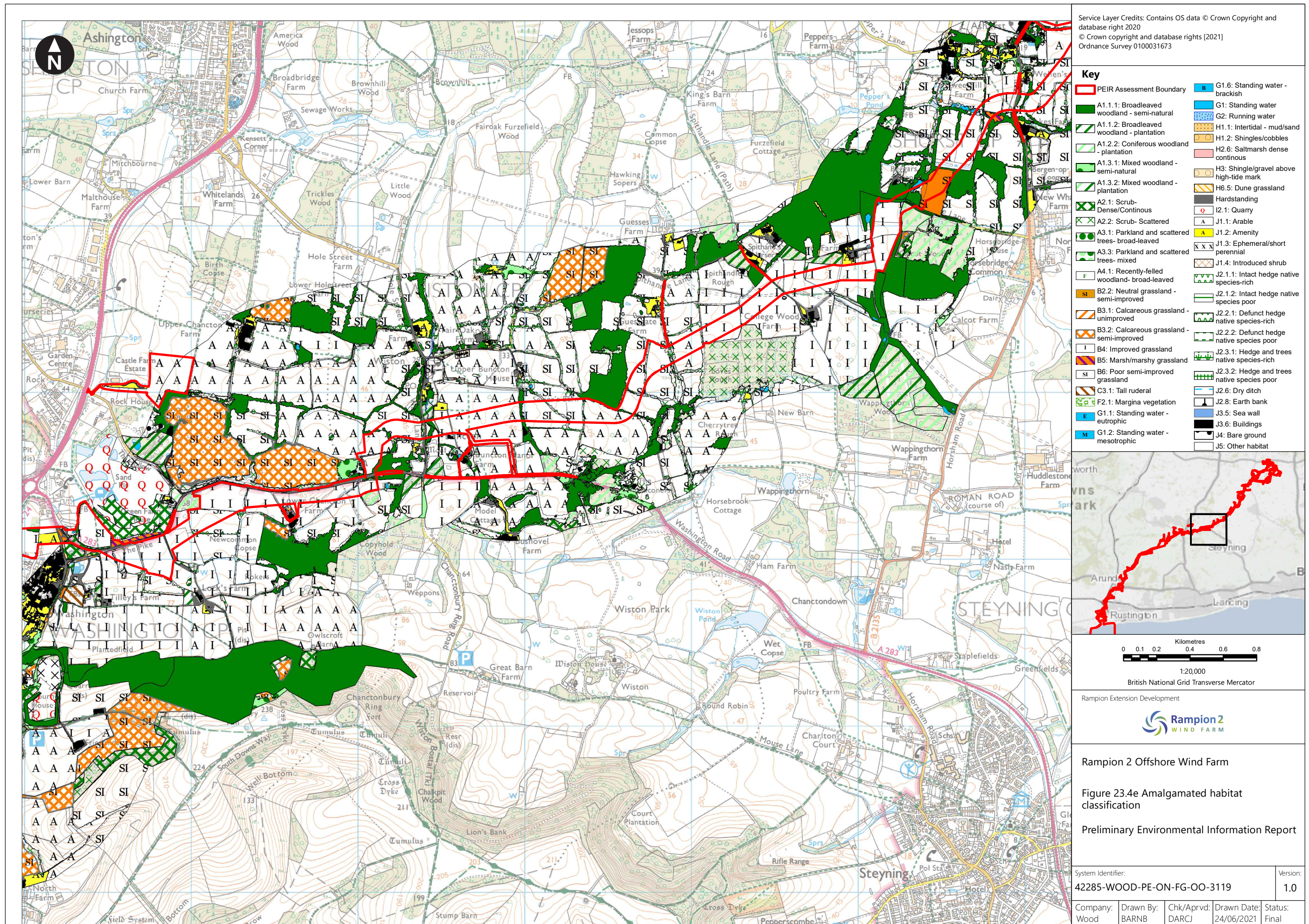
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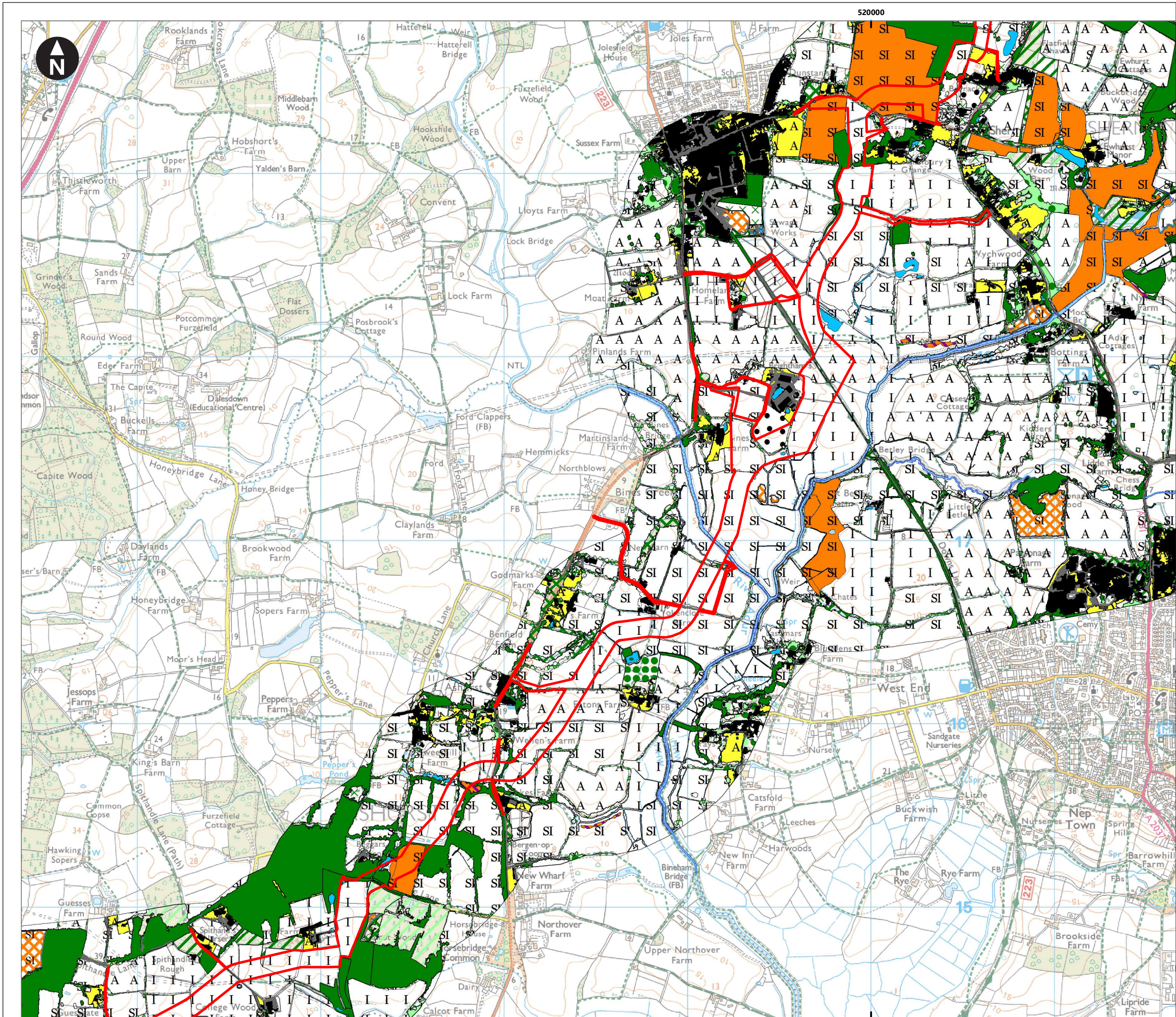








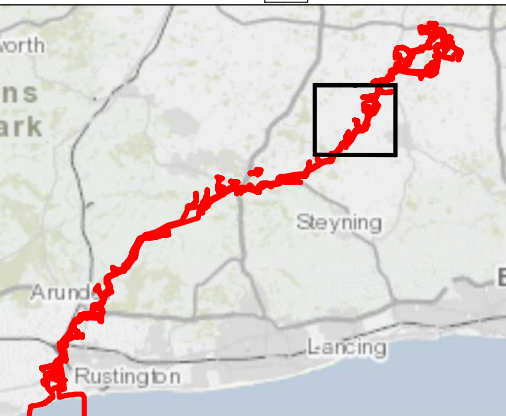




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Key

PEIR Assessment Boundary	G1.6: Standing water - brackish
A1.1.1: Broadleaved woodland - semi-natural	G1: Standing water
A1.1.2: Broadleaved woodland - plantation	G2: Running water
A1.2.2: Coniferous woodland - plantation	H1.1: Intertidal - mud/sand
A1.3.1: Mixed woodland - semi-natural	H1.2: Shingles/cobbles
A1.3.2: Mixed woodland - plantation	H2.6: Saltmarsh dense continuous
A2.1: Scrub-Dense/Continuous	H3: Shingle/gravel above high-tide mark
A2.2: Scrub- Scattered	H6.5: Dune grassland
A3.1: Parkland and scattered trees- broad-leaved	Hardstanding
A3.3: Parkland and scattered trees- mixed	I2.1: Quarry
A4.1: Recently-felled woodland- broad-leaved	J1.1: Arable
B2.2: Neutral grassland - semi-improved	J1.2: Amenity
B3.1: Calcareous grassland - unimproved	J1.3: Ephemeral/short perennial
B3.2: Calcareous grassland - semi-improved	J1.4: Introduced shrub
B4: Improved grassland	J2.1.1: Intact hedge native species-rich
B5: Marsh/marshy grassland	J2.1.2: Intact hedge native species poor
B6: Poor semi-improved grassland	J2.2.1: Defunct hedge native species-rich
C3.1: Tall ruderal	J2.2.2: Defunct hedge native species poor
F2.1: Margina vegetation	J2.3.1: Hedge and trees native species-rich
G1.1: Standing water - eutrophic	J2.3.2: Hedge and trees native species poor
G1.2: Standing water - mesotrophic	J2.6: Dry ditch
	J2.8: Earth bank
	J3.5: Sea wall
	J3.6: Buildings
	J4: Bare ground
	J5: Other habitat



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British National Grid Transverse Mercator

Rampion Extension Development



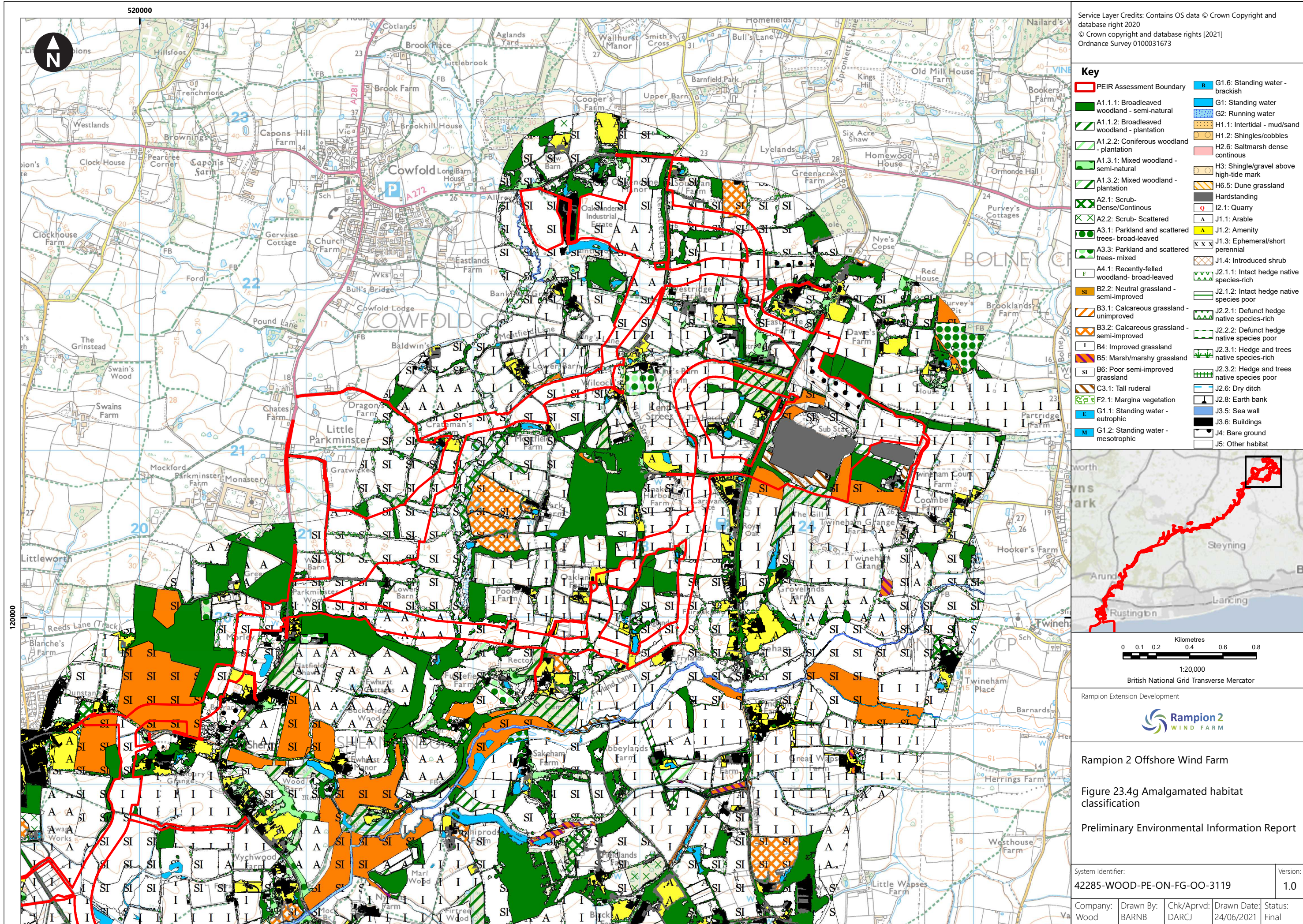
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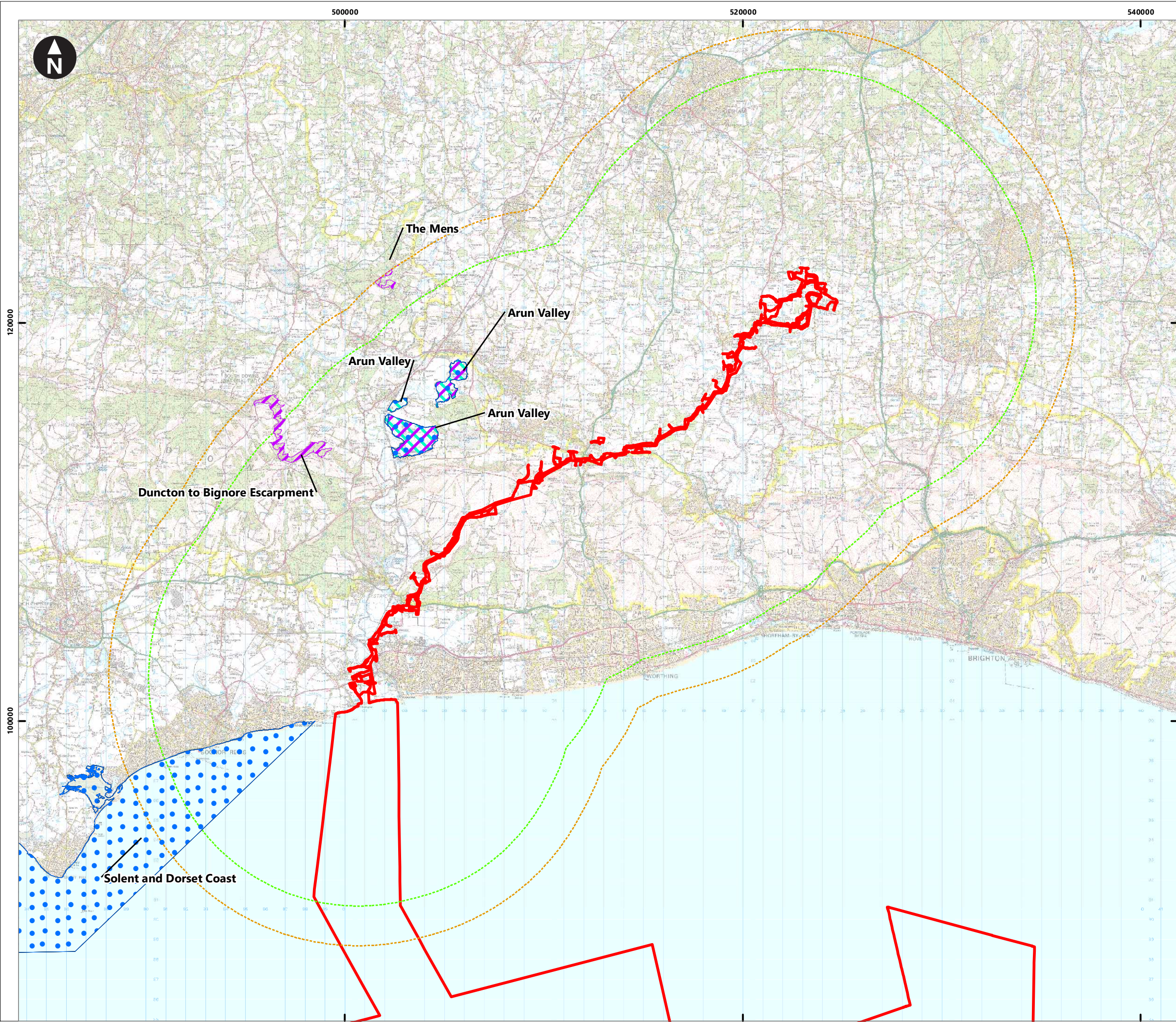
Figure 23.4f Amalgamated habitat classification

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42285-WOOD-PE-ON-FG-OO-3119	1.0

Company:	Drawn By:	Chk/Prvd:	Drawn Date:	Status:
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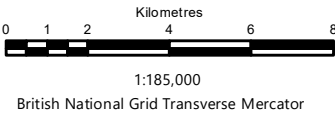
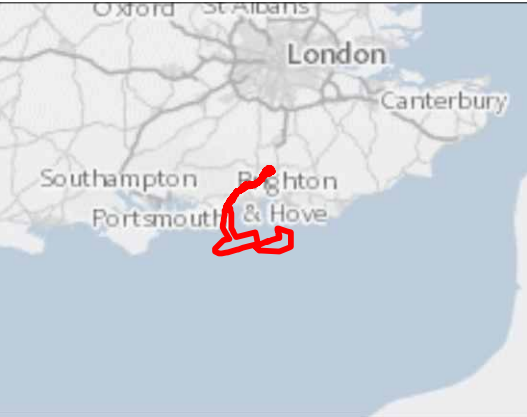




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Key

- PEIR Assessment Boundary
- Special Protection Area (SPA)
- Special Area of Conservation (SAC)
- Ramsar
- 12km Area of Search for Special Area of Conservation
- 10km Area of Search for Special Protection Areas/RAMSAR



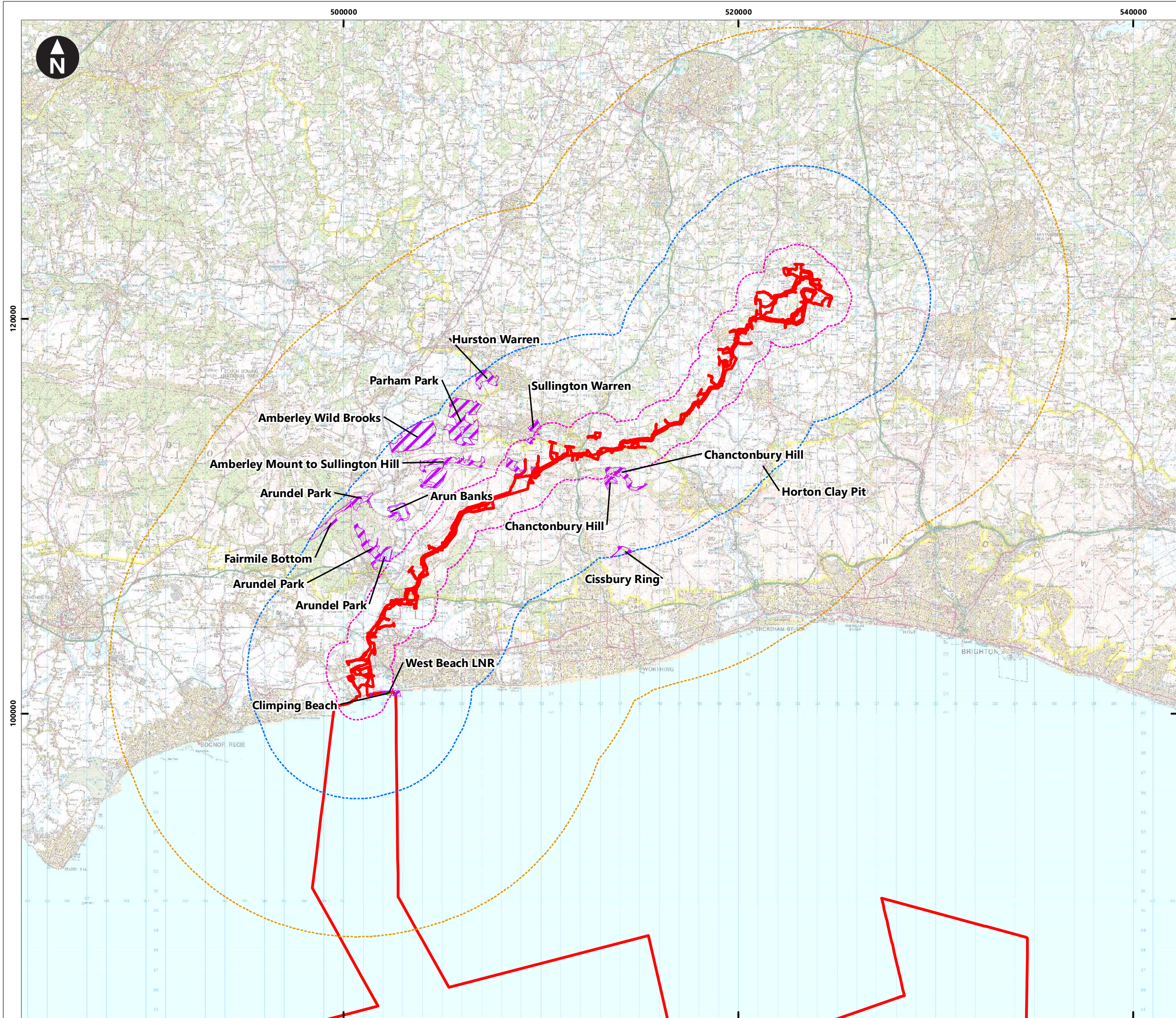
Rampion Extension Development

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Figure 23.5 International/National Site Network sites within the relevant Area of Search

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System Identifier: 42285-WOOD-PE-ON-FG-OO-2937				Version: 1.0
Company: Wood	Drawn By: BARNB	Chk/Aprvd: DARCJ	Drawn Date: 25/05/2021	Status: Final

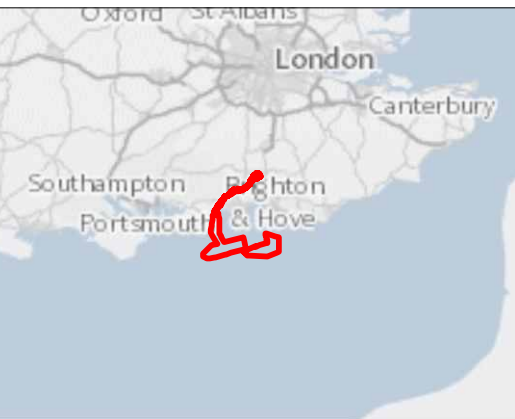


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Key

- PEIR Assessment
- Local Nature Reserves
- Site of Special Scientific Interest (SSSI)
- 12km search for Site of Special Scientific Interest (SSSI) designated for bats*
- 5km Area of Search for Site of Special Scientific Interest (SSSI)
- 1km Area of Search for Local Nature Reserves (LNR)

*None of the SSSIs within 12km of the PEIR boundary are designated for bats and are therefore not shown on this figure



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British National Grid Transverse Mercator

Rampion Extension Development



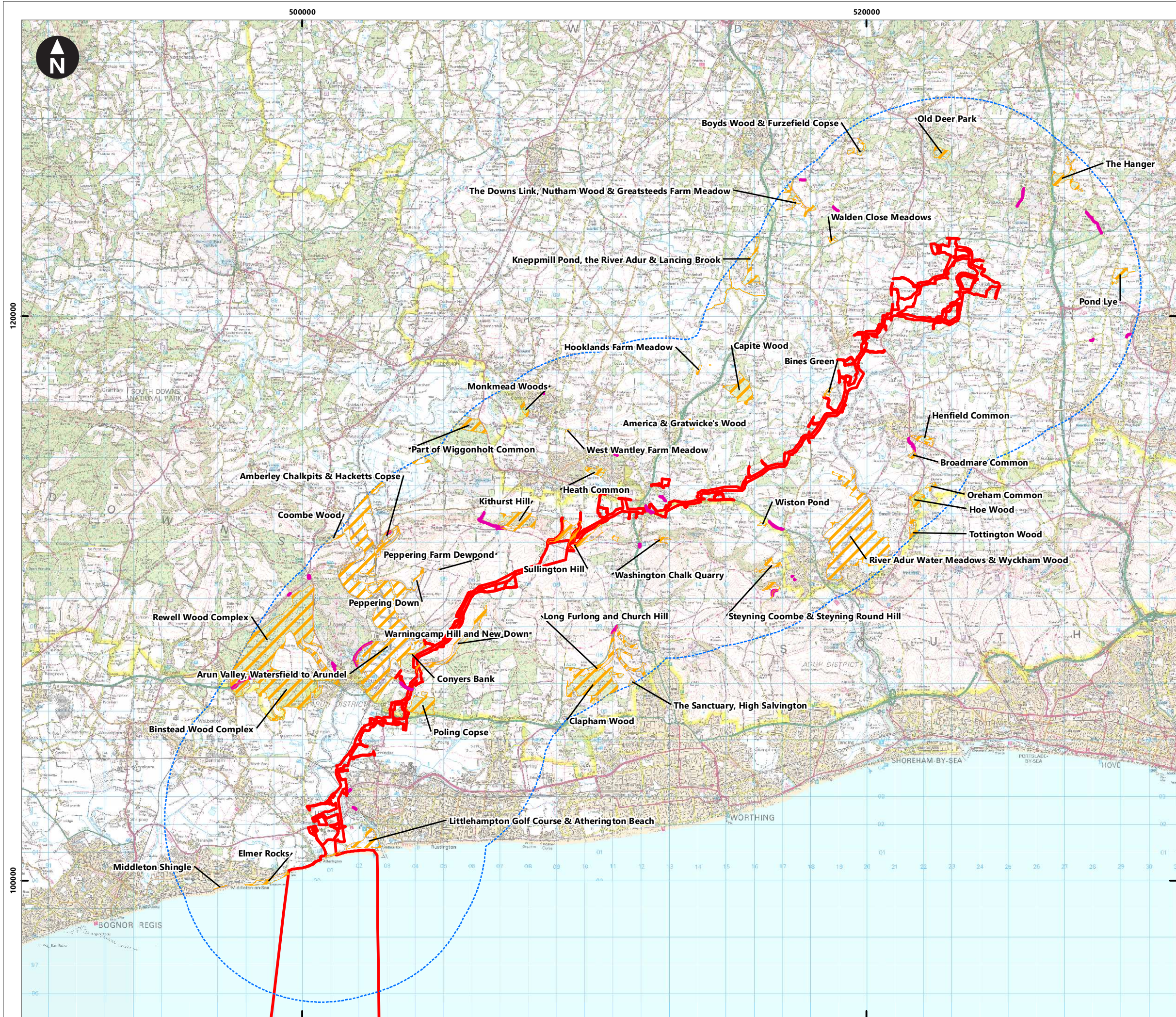
Rampion 2 Offshore Wind Farm

Figure 23.6 Location of nationally important designated sites

Preliminary Environmental Information Report

System Identifier: 42285-WOOD-PE-ON-FG-OO-7063 Version: 1.0

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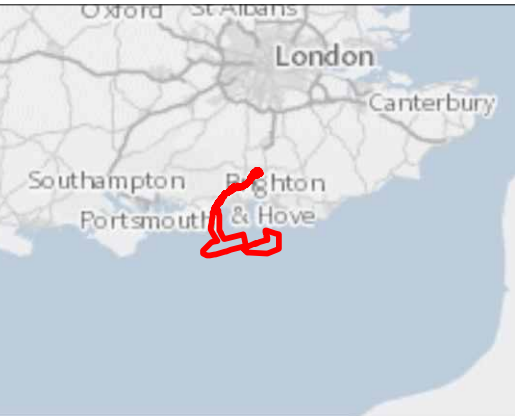


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Key

- PEIR Assessment Boundary
- 5km Area of Search for LWS and NRV
- Local Wildlife Site (LWS)
- Notable Road Verge (NRV)

None of the SSSIs within 12km of the PEIR boundary are designated for bats and are therefore not shown on this figure



Kilometres
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British National Grid Transverse Mercator

Rampion Extension Development



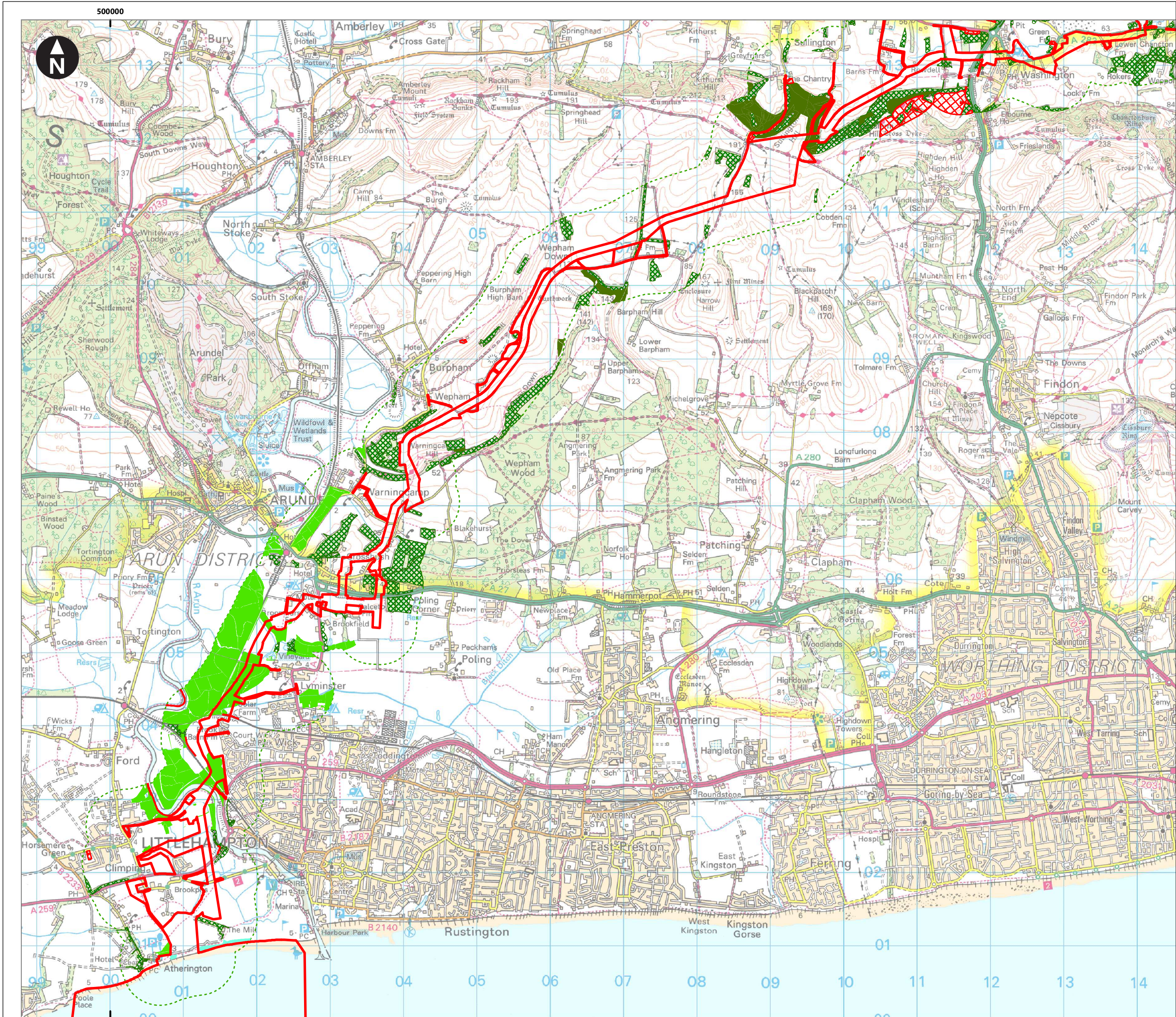
Rampion 2 Offshore Wind Farm

Figure 23.7 Location of non-statutory sites within the relevant Area of Search

Preliminary Environmental Information Report

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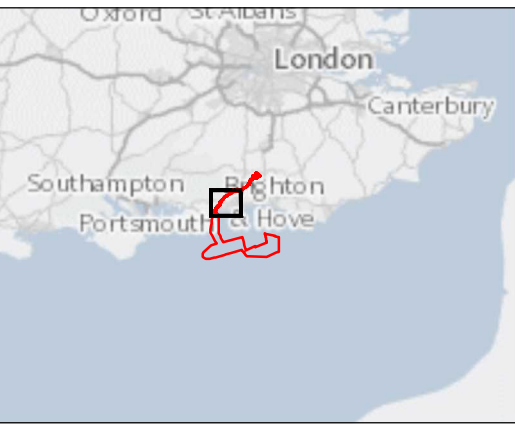
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Key

- PEIR Assessment
- 500m Area of Search
- Main**
- Coastal and floodplain grazing marsh
- Coastal vegetated
- Deciduous woodland
- Lowland calcareous grassland
- No main habitat but additional habitats present



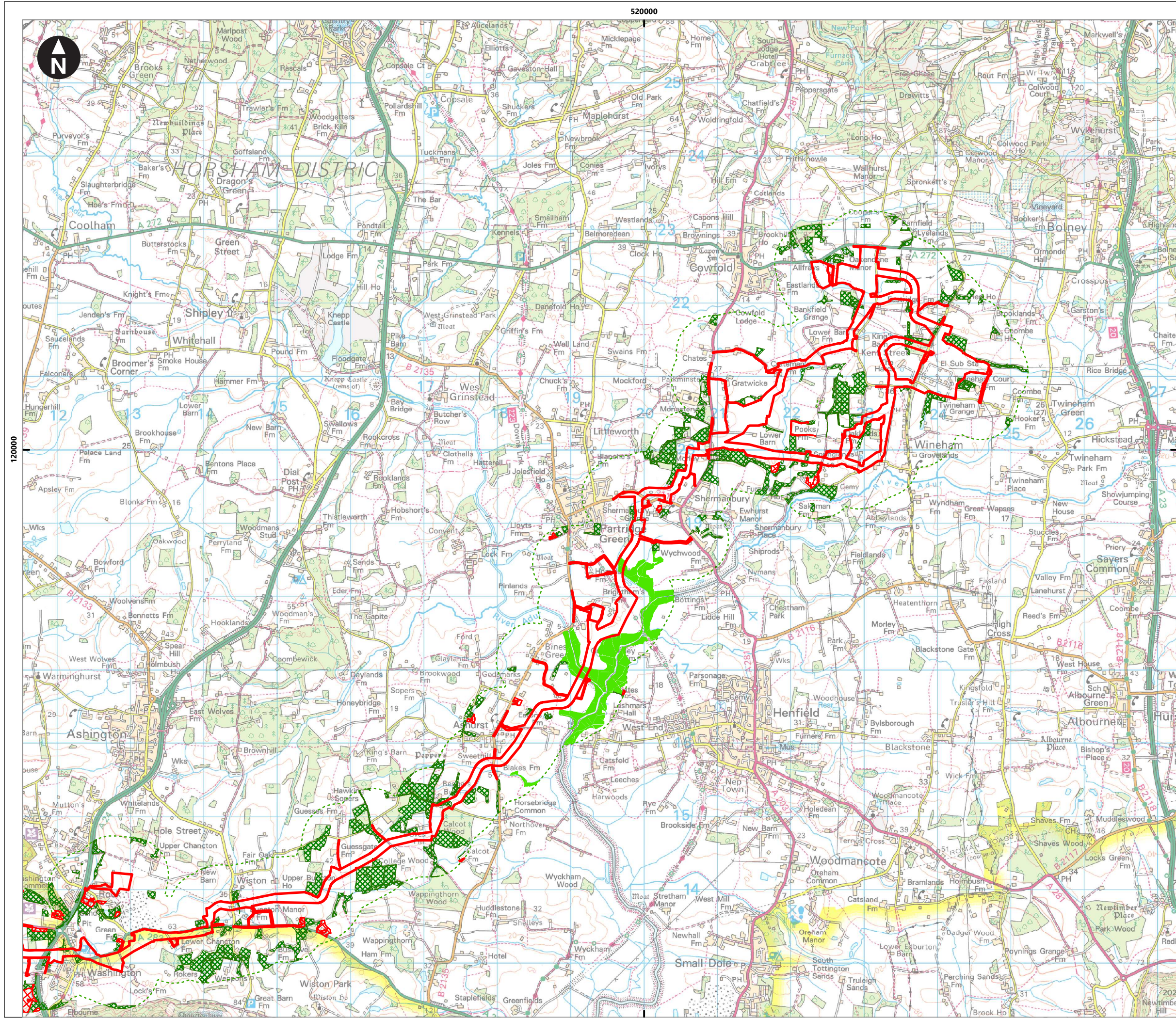
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Rampion Extension Development



Rampion 2 Offshore Wind Farm
Figure 23.8a Habitats of Principal Importance
Preliminary Environmental Information Report

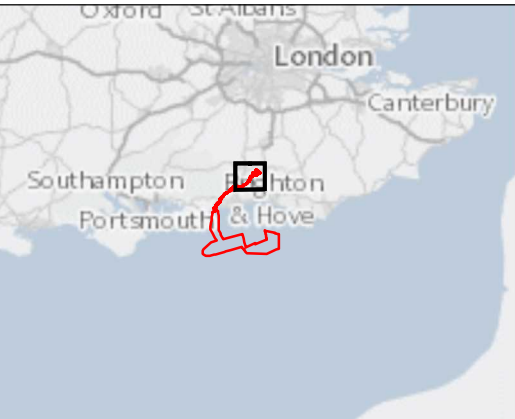
System Identifier: 42285-WOOD-PE-ON-FG-OO-6642				Version: 1.0
Company: Wood	Drawn By: BARNB	Chk/Prvrd: DARCJ	Drawn Date: 28/06/2021	Status: Final



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Ordnance Survey 0100031673

Key

- PEIR Assessment
- 500m Area of Search
- Main**
- Coastal and floodplain grazing marsh
- Coastal vegetated
- Deciduous woodland
- Lowland calcareous grassland
- No main habitat but additional habitats present



0 0.275 0.55 1.1 1.65 2.2
Kilometres
1:50,000
British National Grid Transverse Mercator

Rampion Extension Development



Rampion 2 Offshore Wind Farm
Figure 23.8b Habitats of Principal Importance
Preliminary Environmental Information Report

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Company: Wood	Drawn By: BARNB	Chk/Prvrd: DARCJ	Drawn Date: 28/06/2021	Status: Final

