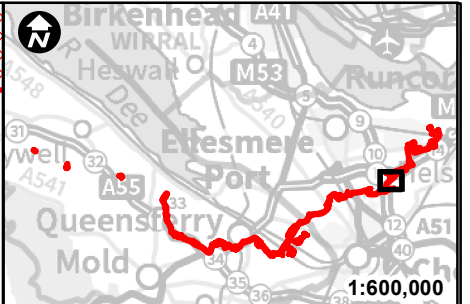




- Key:
- Newbuild Infrastructure Boundary
 - Broadleaved woodland - semi-natural
 - Broadleaved woodland - plantation
 - Mixed woodland - semi-natural
 - Scrub - dense/continuous
 - Scrub - scattered
 - Neutral grassland - unimproved
 - Improved grassland
 - Marsh/marshy grassland
 - Poor semi-improved grassland
 - Standing water
 - Running water
 - Hard standing
 - Cultivated/disturbed land - arable
 - Bare ground
 - Other habitat
 - Not accessed land
 - Broadleaved Parkland/scattered trees
 - Defunct hedge - native species-rich
 - Fence
 - Hedge with trees - species-poor
 - Intact hedge - native species-rich
 - Intact hedge - species-poor
 - Running water

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HyNet North West

PROJECT TITLE
**HyNet North West
Carbon Dioxide Pipeline DCO**

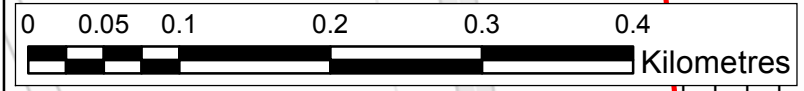
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Results of Phase 1 Habitat Survey
Page 5 of 21**

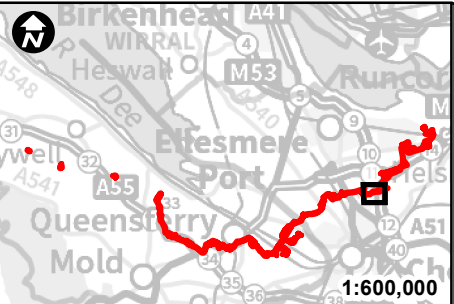
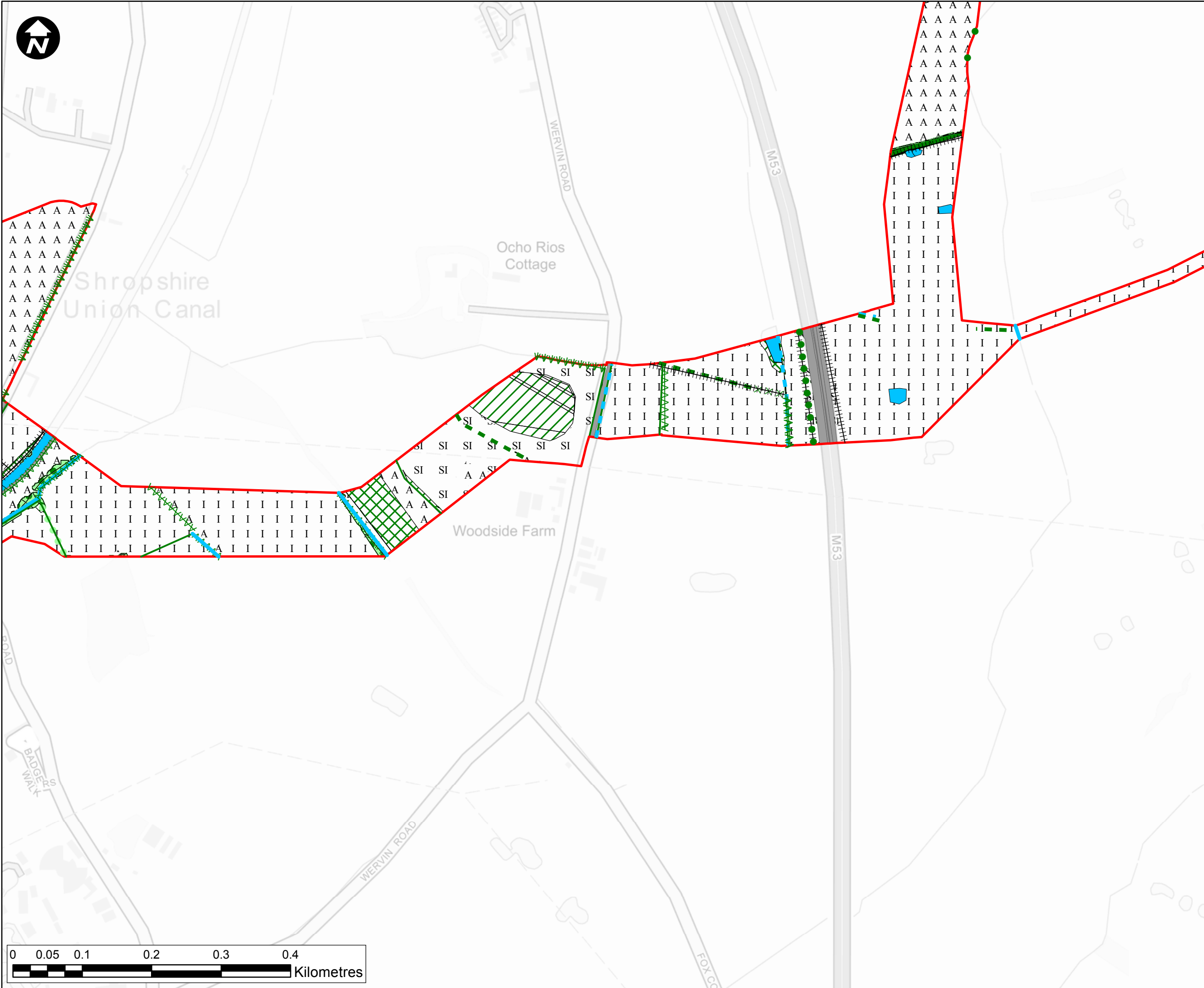
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EN070007-APP-ES-9.1.3-Sheet 5





- Key:**
- Newbuild Infrastructure Boundary
 - Broadleaved woodland - semi-natural
 - Broadleaved woodland - plantation
 - Mixed woodland - semi-natural
 - Scrub - dense/continuous
 - Scrub - scattered
 - Improved grassland
 - Poor semi-improved grassland
 - Standing water
 - Standing water - eutrophic
 - Running water
 - Hard standing
 - Cultivated/disturbed land - arable
 - Bare ground
 - Other habitat
 - Broadleaved Parkland/scattered trees
 - Coniferous Parkland/scattered trees
 - Defunct hedge - species-poor
 - Dry ditch
 - Fence
 - Hedge with trees - native species-rich
 - Intact hedge - native species-rich
 - Intact hedge - species-poor
 - Running water
 - Scrub - scattered

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PROJECT TITLE
HyNet North West
Carbon Dioxide Pipeline DCO

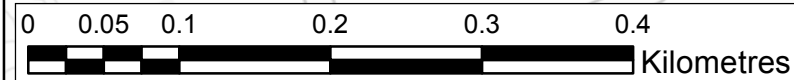
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Results of Phase 1 Habitat Survey
Page 6 of 21

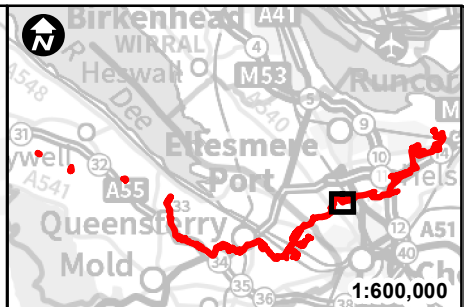
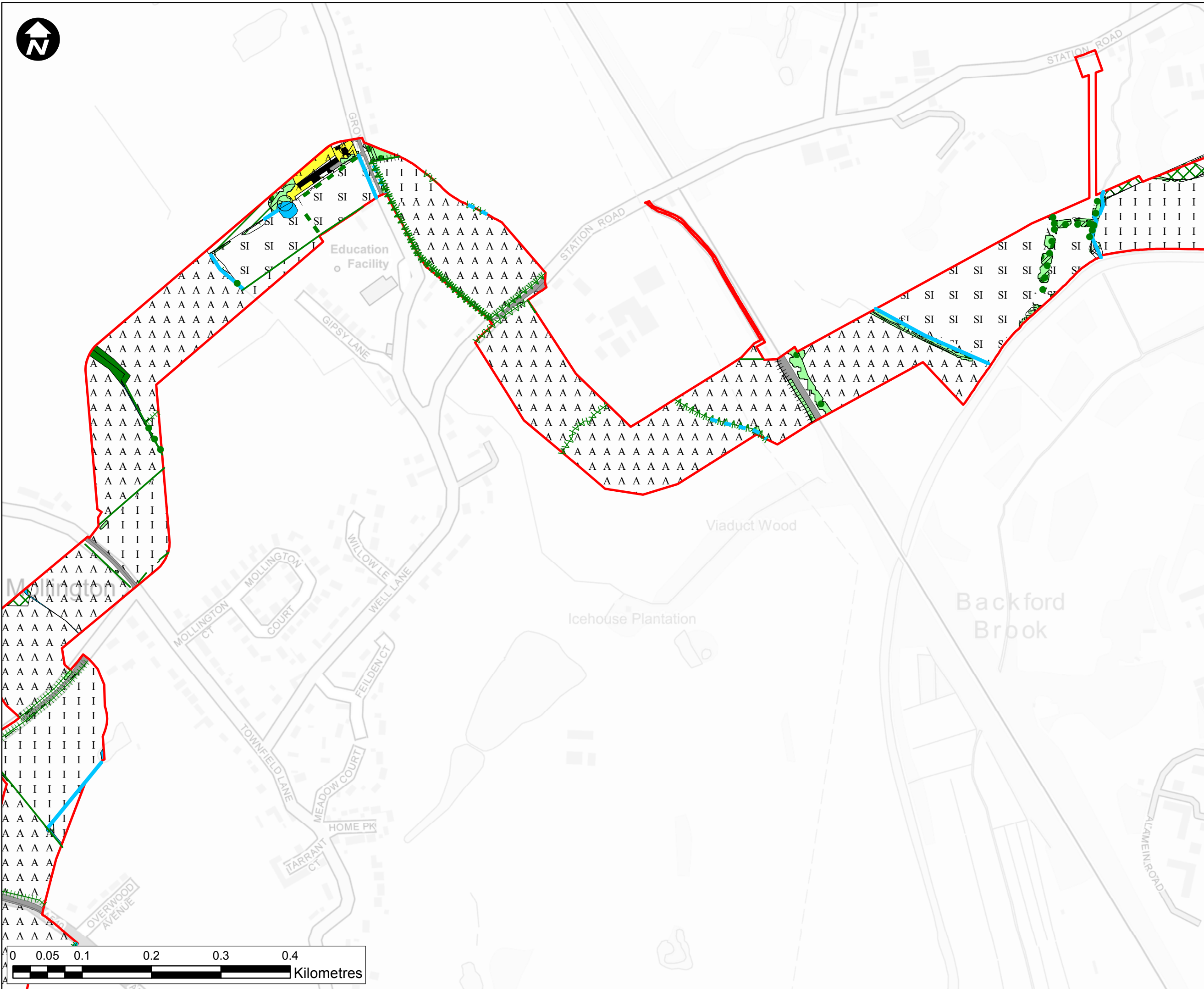
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EN070007-APP-ES-9.1.3-Sheet 6





- Key:
- Newbuild Infrastructure Boundary
 - Broadleaved woodland - semi-natural
 - Broadleaved woodland - plantation
 - Mixed woodland - semi-natural
 - Scrub - dense/continuous
 - Scrub - scattered
 - Improved grassland
 - Poor semi-improved grassland
 - Standing water
 - Running water
 - Hard standing
 - Cultivated/disturbed land - arable
 - Cultivated/disturbed land - amenity grassland
 - Buildings
 - Bare ground
 - Broadleaved Parkland/scattered trees
 - Defunct hedge - species-poor
 - Dry ditch
 - Fence
 - Hedge with trees - native species-rich
 - Hedge with trees - species-poor
 - Intact hedge - native species-rich
 - Intact hedge - species-poor
 - Running water

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HyNet North West

PROJECT TITLE
**HyNet North West
Carbon Dioxide Pipeline DCO**

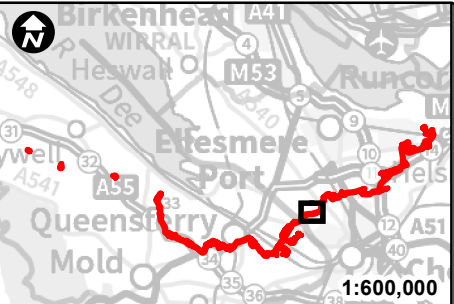
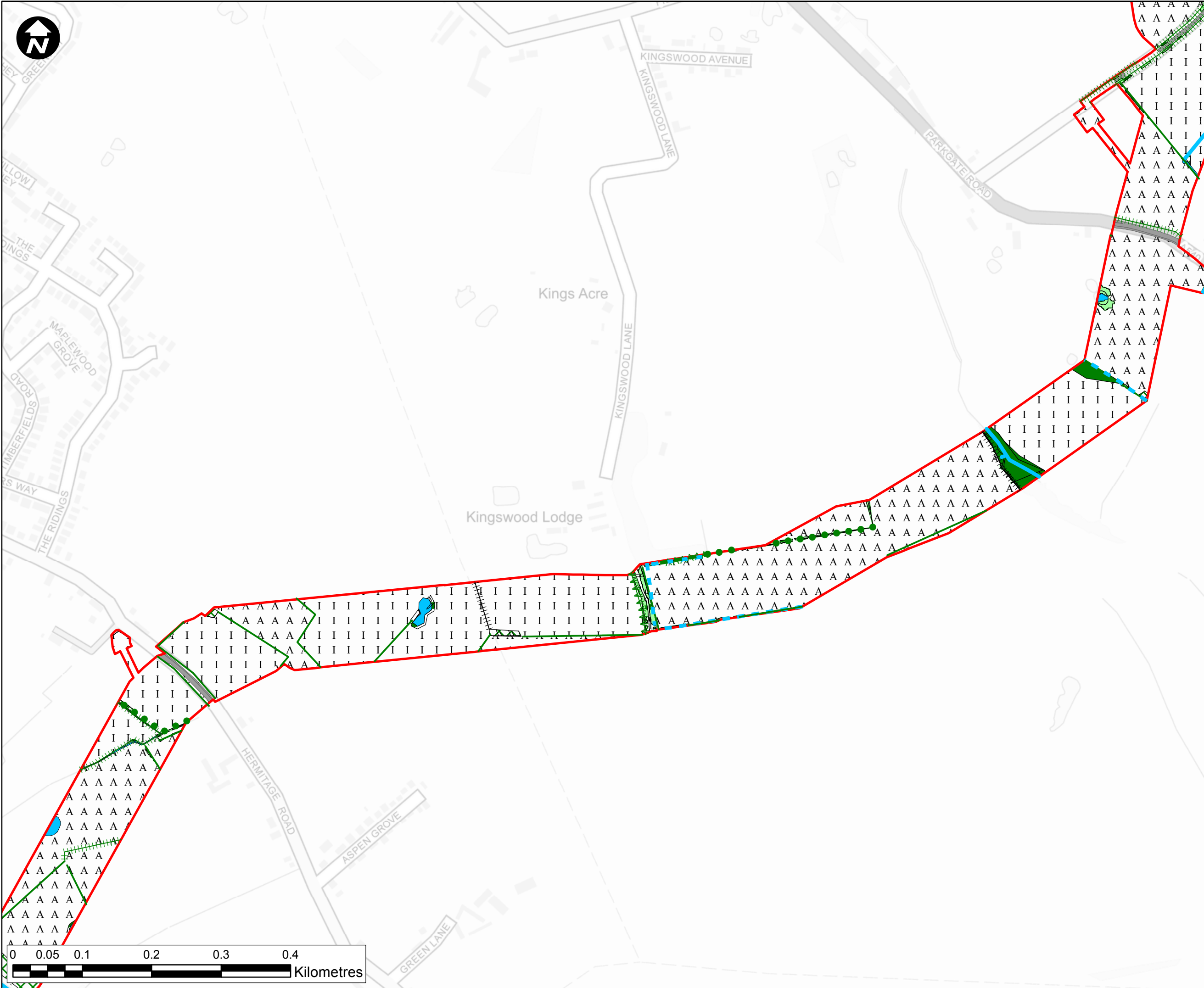
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Results of Phase 1 Habitat Survey
Page 8 of 21**

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EN070007-APP-ES-9.1.3-Sheet 8



- Key:
- Newbuild Infrastructure Boundary
 - Broadleaved woodland - semi-natural
 - Broadleaved woodland - plantation
 - Mixed woodland - semi-natural
 - Scrub - dense/continuous
 - Scrub - scattered
 - Broadleaved Parkland/scattered trees
 - Improved grassland
 - Poor semi-improved grassland
 - Standing water
 - Hard standing
 - Cultivated/disturbed land - arable
 - Bare ground
 - Broadleaved Parkland/scattered trees
 - Defunct hedge - species-poor
 - Dry ditch
 - Fence
 - Hedge with trees - native species-rich
 - Hedge with trees - species-poor
 - Intact hedge - native species-rich
 - Intact hedge - species-poor
 - Running water

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Carbon Dioxide Pipeline DCO**

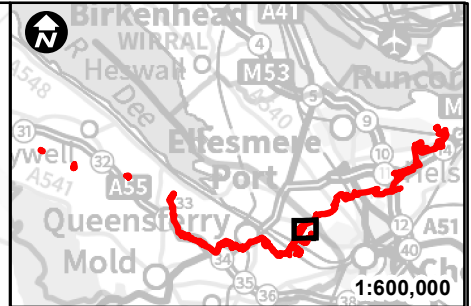
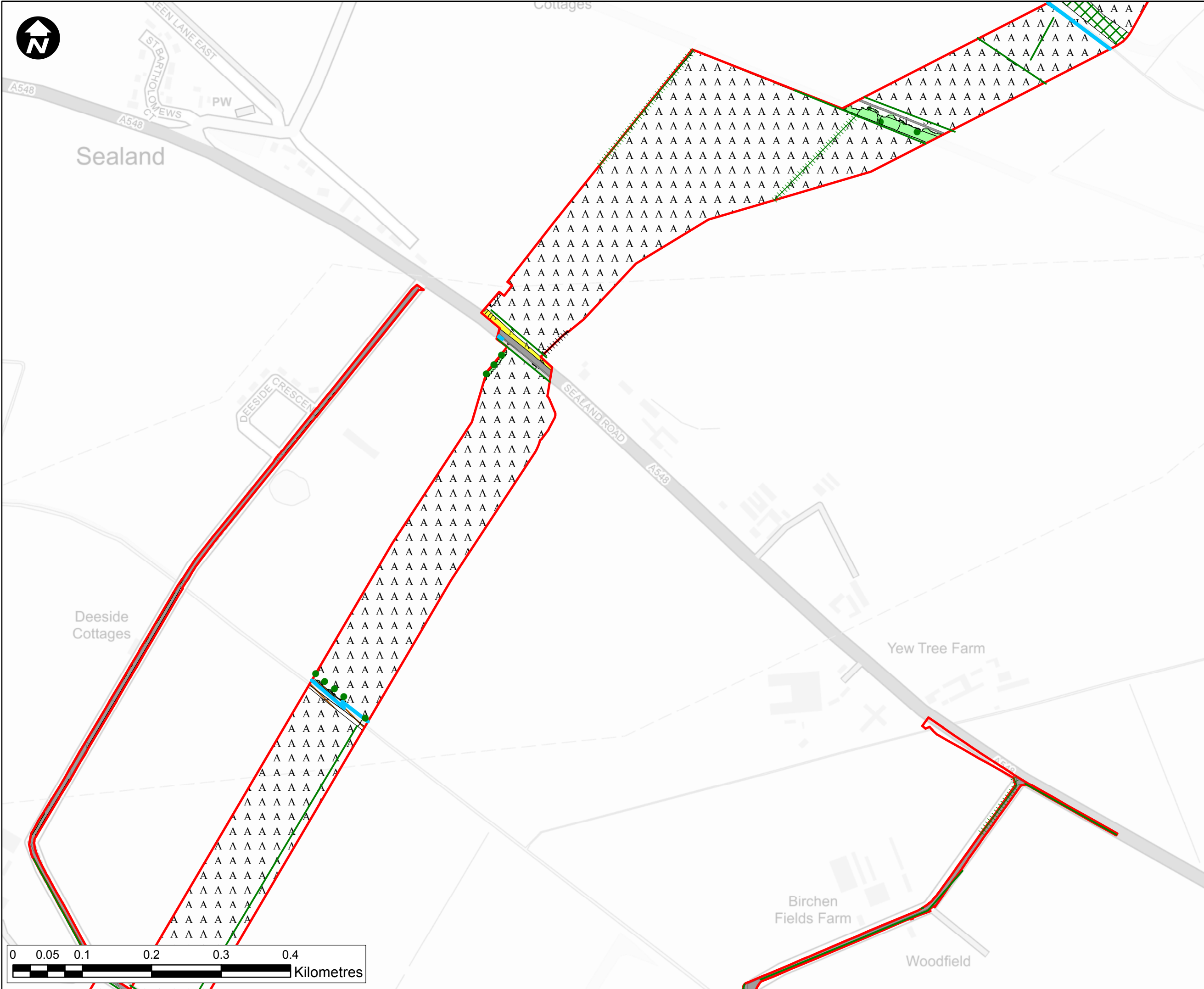
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Results of Phase 1 Habitat Survey
Page 9 of 21**

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EN070007-APP-ES-9.1.3-Sheet 9



- Key:**
- Newbuild Infrastructure Boundary
 - Mixed woodland - semi-natural
 - Scrub - dense/continuous
 - Poor semi-improved grassland
 - Other tall herb and fern - ruderal
 - Standing water
 - Running water
 - Hard standing
 - Cultivated/disturbed land - arable
 - Cultivated/disturbed land - amenity grassland
 - Bare ground
 - Mixed woodland - semi-natural
 - Scrub - dense/continuous
 - Poor semi-improved grassland
 - Running water
 - Cultivated/disturbed land - arable
 - Broadleaved Parkland/scattered trees
 - Dry ditch
 - Fence
 - Hedge with trees - species-poor
 - Intact hedge - species-poor
 - Running water

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PROJECT TITLE
HyNet North West
Carbon Dioxide Pipeline DCO

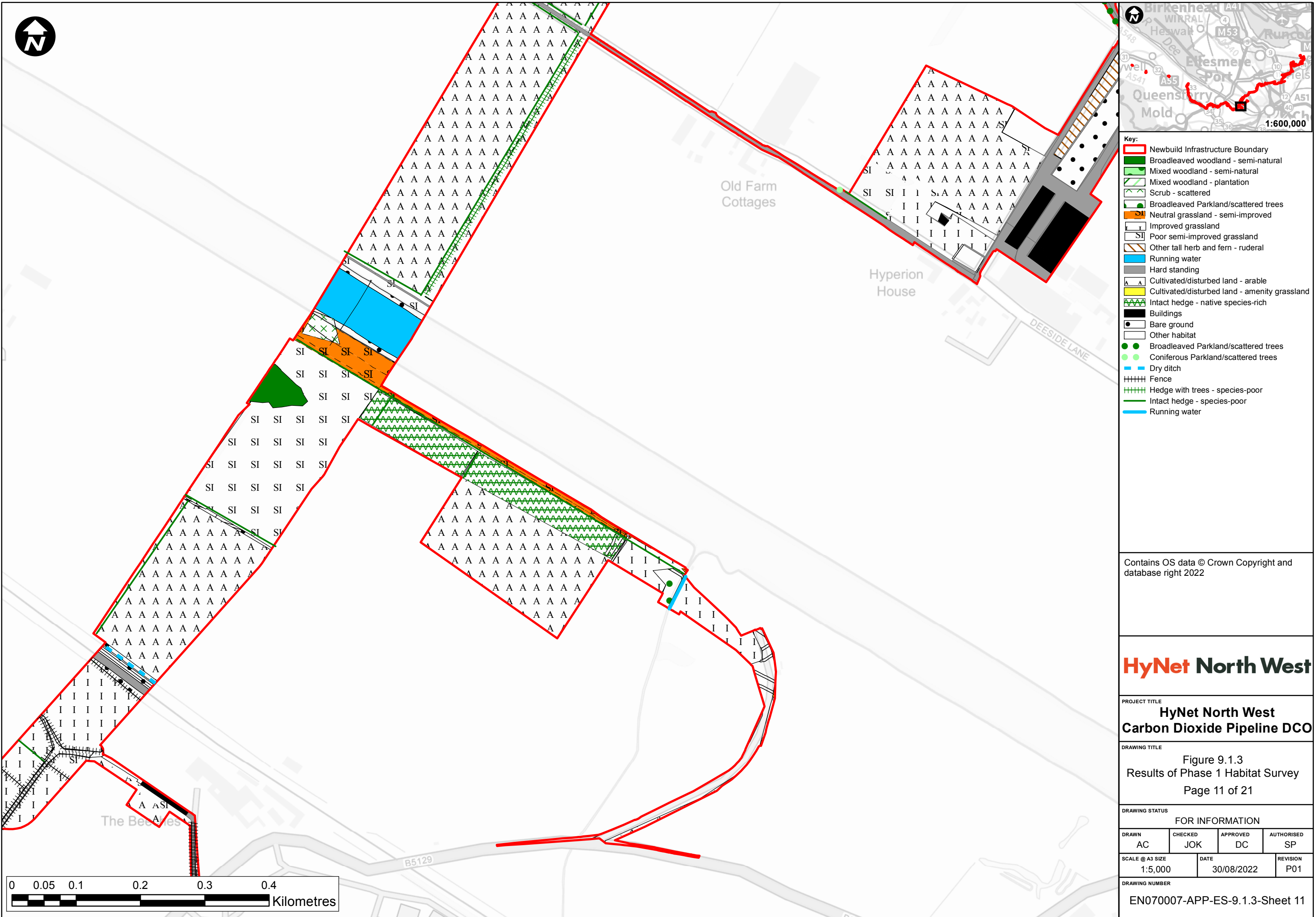
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Results of Phase 1 Habitat Survey
Page 10 of 21

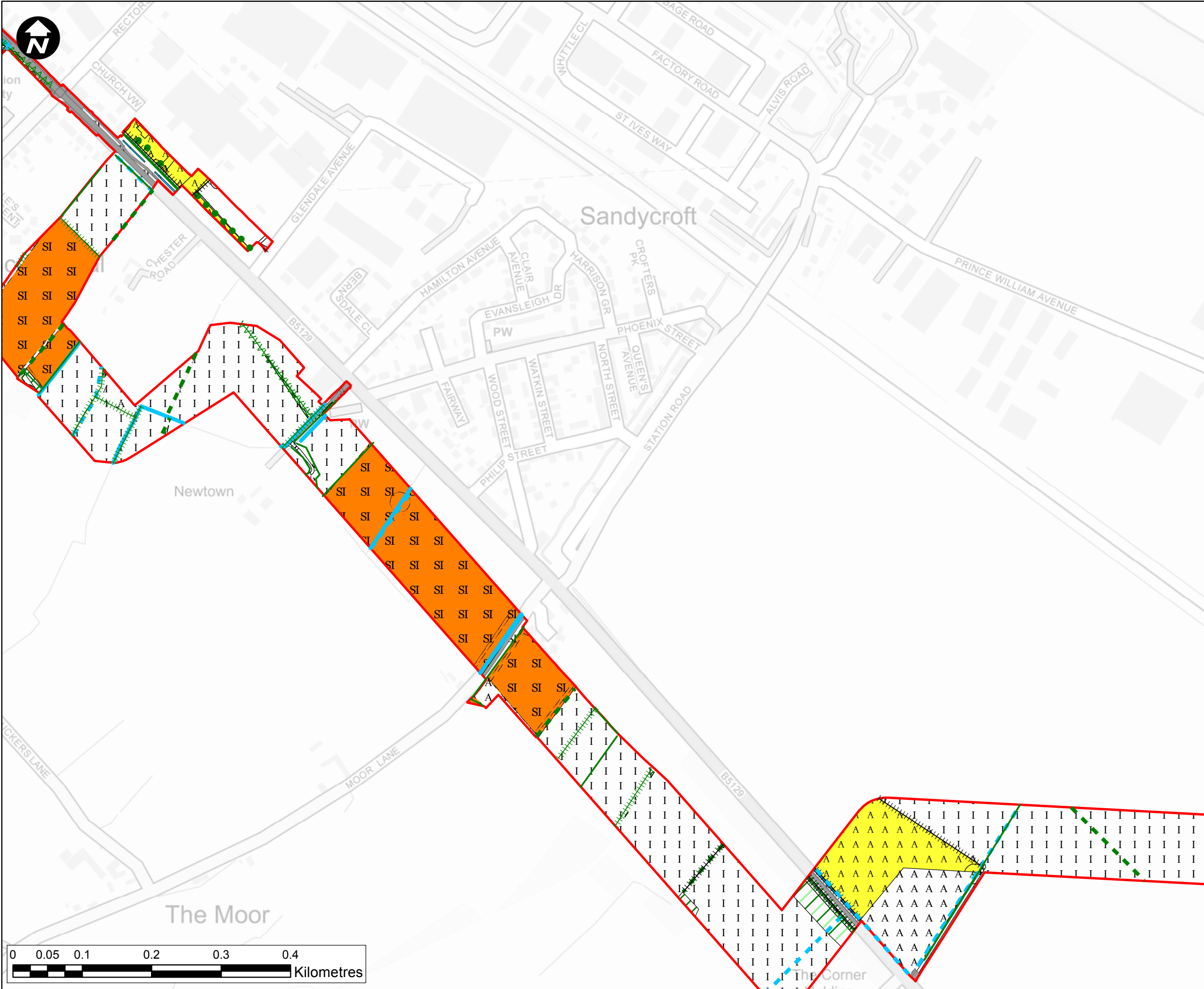
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EN070007-APP-ES-9.1.3-Sheet 10





- Key:**
- Newbuild Infrastructure Boundary
 - Broadleaved woodland - plantation
 - Coniferous woodland - semi-natural
 - Mixed woodland - semi-natural
 - Mixed woodland - plantation
 - Scrub - dense/continuous
 - Neutral grassland - semi-improved
 - Improved grassland
 - Poor semi-improved grassland
 - Standing water
 - Running water
 - Hard standing
 - Cultivated/disturbed land - arable
 - Cultivated/disturbed land - amenity grassland
 - Buildings
 - Bare ground
 - Other habitat
 - Broadleaved Parkland/scattered trees
 - Defunct hedge - native species-rich
 - Defunct hedge - species-poor
 - Dry ditch
 - Fence
 - Hedge with trees - native species-rich
 - Hedge with trees - species-poor
 - Intact hedge - native species-rich
 - Intact hedge - species-poor
 - Running water

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Carbon Dioxide Pipeline DCO**

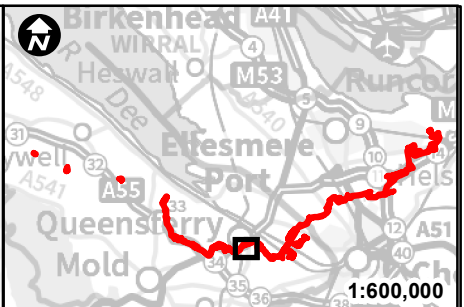
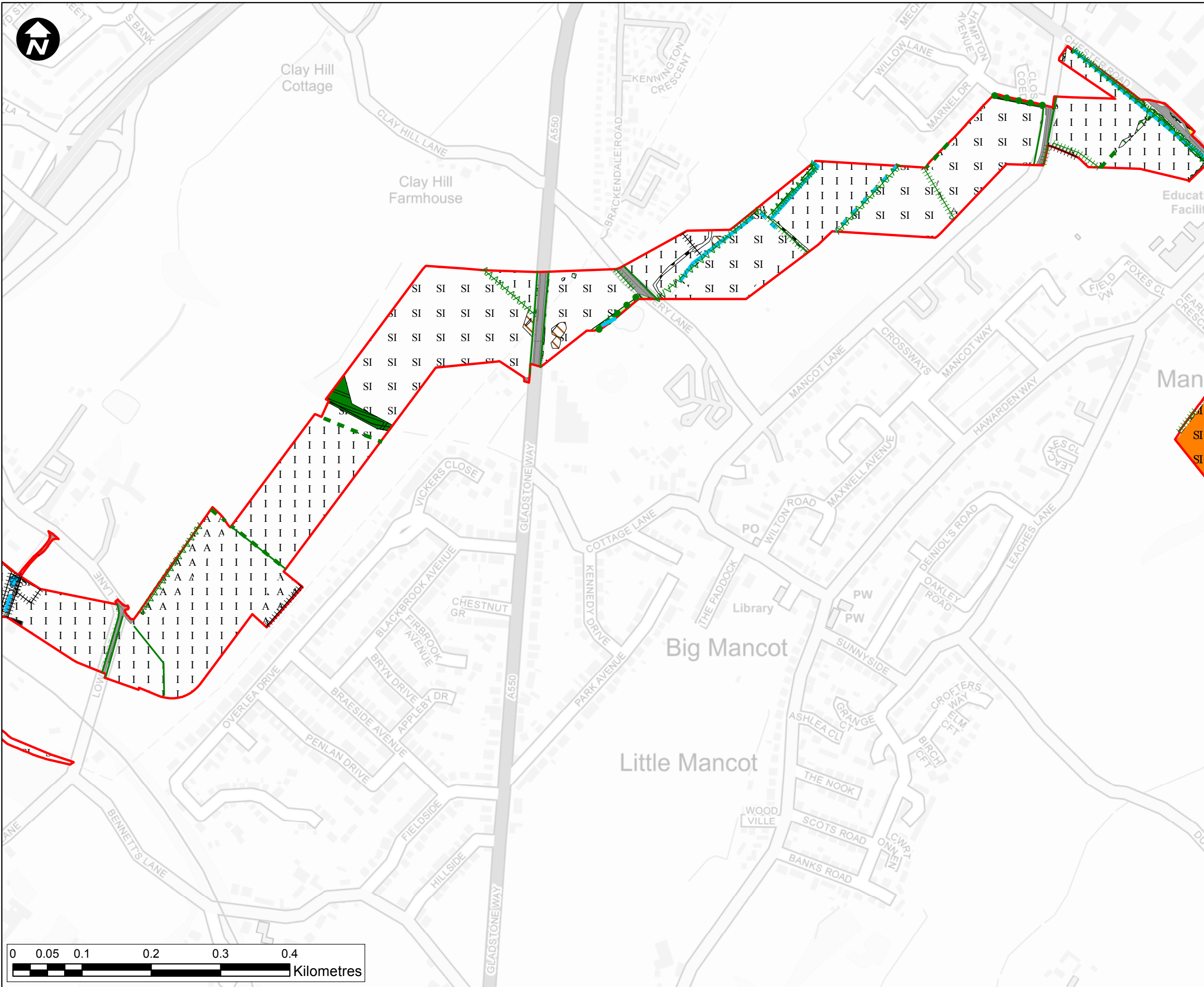
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Results of Phase 1 Habitat Survey
Page 12 of 21**

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EN070007-APP-ES-9.1.3-Sheet 12



- Key:
- Newbuild Infrastructure Boundary
 - Broadleaved woodland - semi-natural
 - Mixed woodland - semi-natural
 - Scrub - dense/continuous
 - Scrub - scattered
 - Broadleaved Parkland/scattered trees
 - Mixed Parkland/scattered trees
 - Neutral grassland - semi-improved
 - Improved grassland
 - Poor semi-improved grassland
 - Other tall herb and fern - ruderal
 - Running water
 - Hard standing
 - Cultivated/disturbed land - arable
 - Cultivated/disturbed land - amenity grassland
 - Introduced shrub
 - Buildings
 - Bare ground
 - Other habitat
 - Broadleaved Parkland/scattered trees
 - Defunct hedge - native species-rich
 - Defunct hedge - species-poor
 - Dry ditch
 - Fence
 - Hedge with trees - native species-rich
 - Hedge with trees - species-poor
 - Intact hedge - native species-rich
 - Intact hedge - species-poor
 - Running water

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Carbon Dioxide Pipeline DCO**

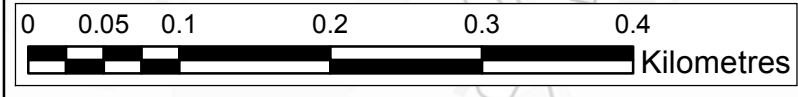
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Results of Phase 1 Habitat Survey
Page 13 of 21**

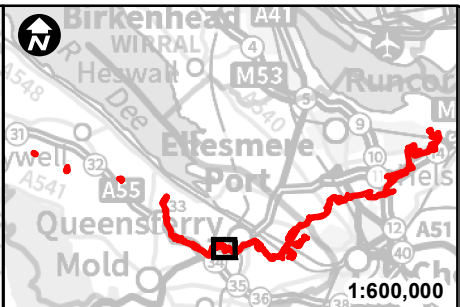
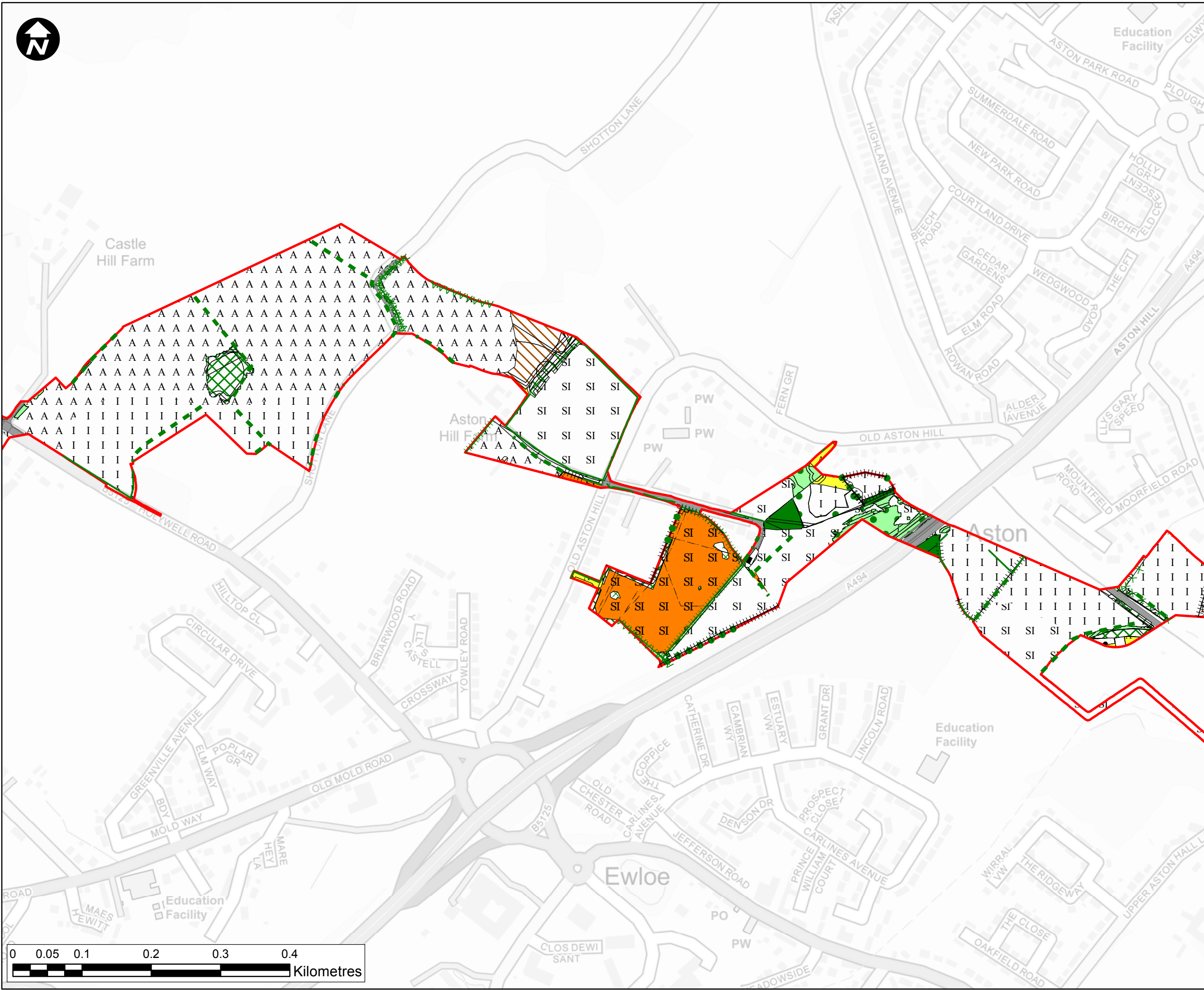
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EN070007-APP-ES-9.1.3-Sheet 13





- Key:**
- Newbuild Infrastructure Boundary
 - Broadleaved woodland - semi-natural
 - Coniferous woodland - semi-natural
 - Mixed woodland - semi-natural
 - Mixed woodland - plantation
 - Scrub - dense/continuous
 - Scrub - scattered
 - Broadleaved Parkland/scattered trees
 - Neutral grassland - semi-improved
 - Improved grassland
 - Poor semi-improved grassland
 - Other tall herb and fern - ruderal
 - Hard standing
 - Cultivated/disturbed land - arable
 - Cultivated/disturbed land - amenity grassland
 - Buildings
 - Bare ground
 - Other habitat
 - Broadleaved Parkland/scattered trees
 - Defunct hedge - species-poor
 - Fence
 - Hedge with trees - species-poor
 - Intact hedge - native species-rich
 - Intact hedge - species-poor
 - Mixed Parkland/scattered trees
 - Scrub - scattered

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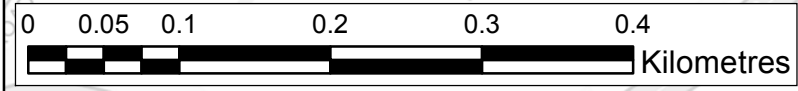
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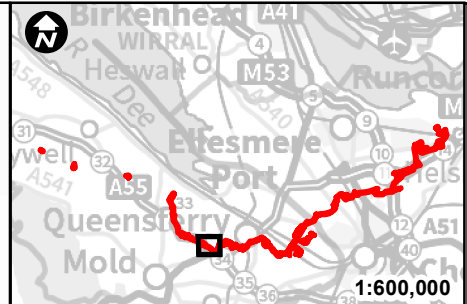
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EN070007-APP-ES-9.1.3-Sheet 14





- Key:
- Newbuild Infrastructure Boundary
 - Broadleaved woodland - semi-natural
 - Broadleaved woodland - plantation
 - Mixed woodland - semi-natural
 - Scrub - dense/continuous
 - Scrub - scattered
 - Neutral grassland - semi-improved
 - Improved grassland
 - Poor semi-improved grassland
 - Bracken - continuous
 - Other tall herb and fern - ruderal
 - Running water
 - Hard standing
 - Cultivated/disturbed land - arable
 - Cultivated/disturbed land - amenity grassland
 - Buildings
 - Bare ground
 - Broadleaved Parkland/scattered trees
 - Coniferous Parkland/scattered trees
 - Defunct hedge - species-poor
 - Dry ditch
 - Fence
 - Hedge with trees - native species-rich
 - Hedge with trees - species-poor
 - Intact hedge - native species-rich
 - Intact hedge - species-poor
 - Running water
 - Scrub - scattered

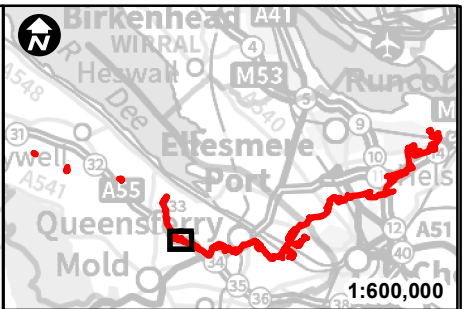
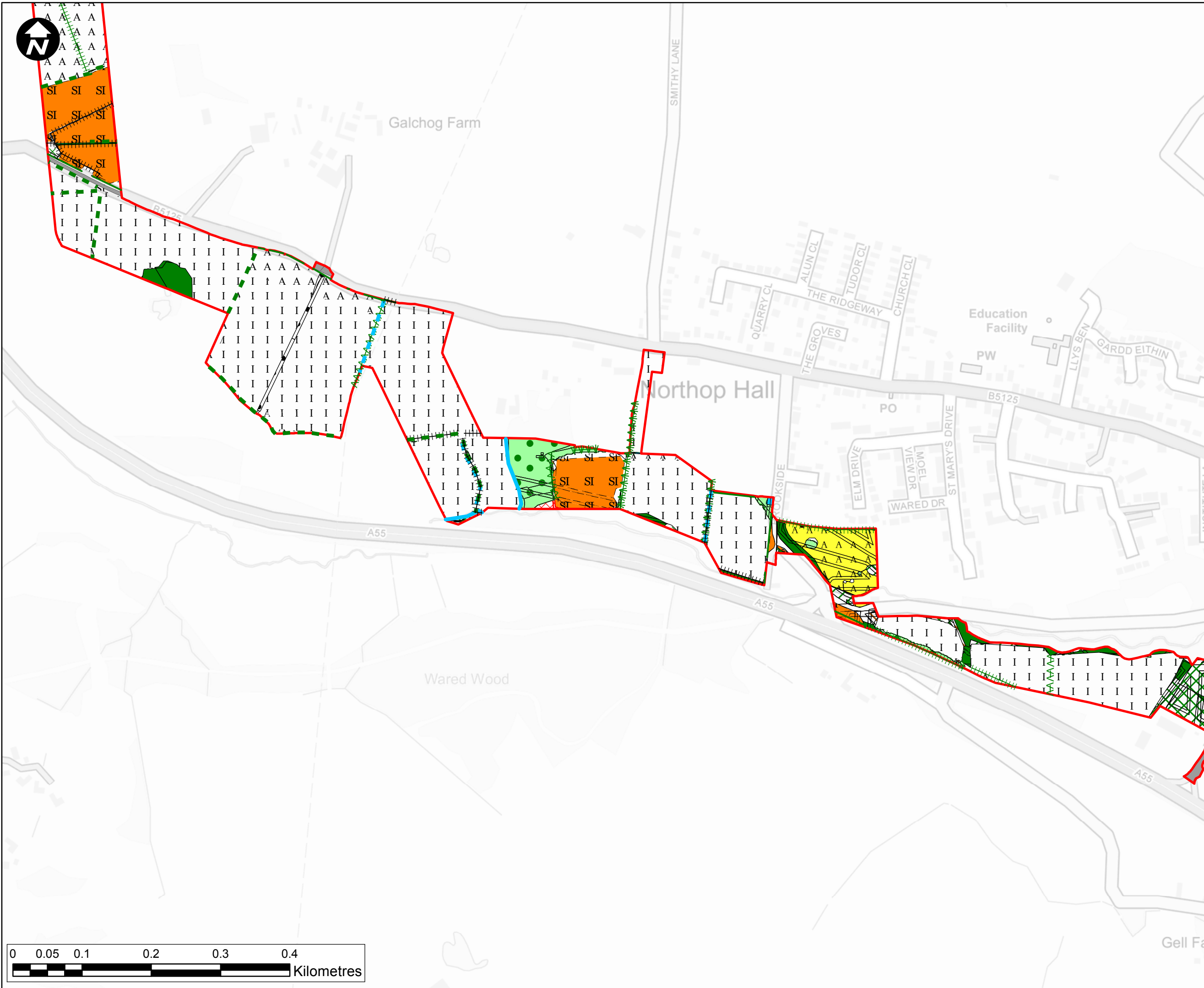
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Results of Phase 1 Habitat Survey
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- Key:
- Newbuild Infrastructure Boundary
 - Broadleaved woodland - semi-natural
 - Broadleaved woodland - plantation
 - Mixed woodland - semi-natural
 - Scrub - dense/continuous
 - Scrub - scattered
 - Neutral grassland - semi-improved
 - Improved grassland
 - Poor semi-improved grassland
 - Other tall herb and fern - ruderal
 - Standing water
 - Running water
 - Hard standing
 - Cultivated/disturbed land - arable
 - Cultivated/disturbed land - amenity grassland
 - Buildings
 - Bare ground
 - Other habitat
 - Not accessed land
 - Defunct hedge - native species-rich
 - Defunct hedge - species-poor
 - Dry ditch
 - Fence
 - Hedge with trees - native species-rich
 - Hedge with trees - species-poor
 - Intact hedge - native species-rich
 - Intact hedge - species-poor
 - Running water

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**HyNet North West
Carbon Dioxide Pipeline DCO**

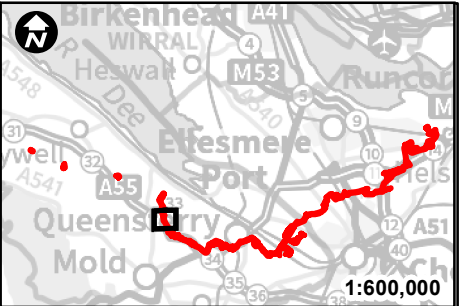
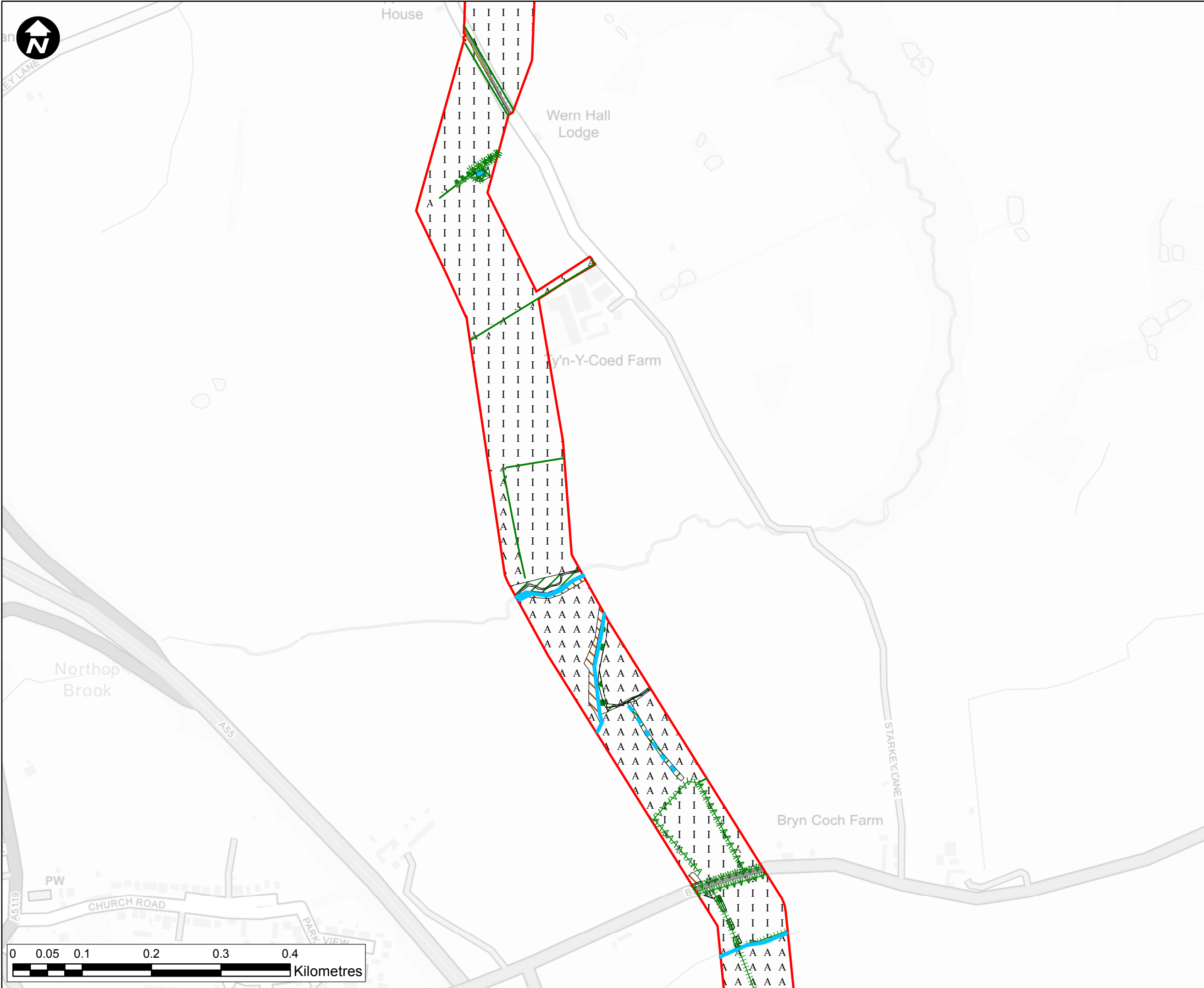
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Page 16 of 21**

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EN070007-APP-ES-9.1.3-Sheet 16



- Key:**
- Newbuild Infrastructure Boundary
 - Broadleaved woodland - plantation
 - Mixed woodland - semi-natural
 - Scrub - dense/continuous
 - Broadleaved Parkland/scattered trees
 - Improved grassland
 - Poor semi-improved grassland
 - Other tall herb and fern - ruderal
 - Standing water
 - Hard standing
 - Cultivated/disturbed land - arable
 - Cultivated/disturbed land - amenity grassland
 - Buildings
 - Dry ditch
 - Hedge with trees - native species-rich
 - Hedge with trees - species-poor
 - Intact hedge - native species-rich
 - Intact hedge - species-poor
 - Running water

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**HyNet North West
Carbon Dioxide Pipeline DCO**

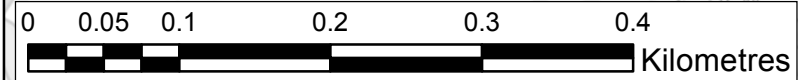
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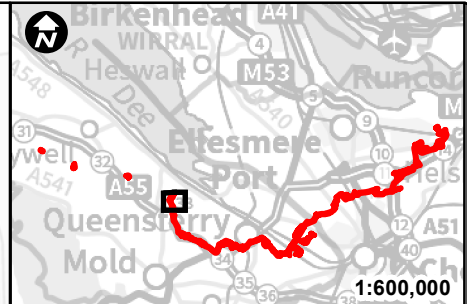
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EN070007-APP-ES-9.1.3-Sheet 17





- Key:
- Newbuild Infrastructure Boundary
 - Broadleaved woodland - semi-natural
 - Mixed woodland - semi-natural
 - Neutral grassland - semi-improved
 - Improved grassland
 - Poor semi-improved grassland
 - Standing water
 - Hard standing
 - Cultivated/disturbed land - arable
 - Bare ground
 - Dry ditch
 - Hedge with trees - native species-rich
 - Hedge with trees - species-poor
 - Intact hedge - native species-rich
 - Intact hedge - species-poor
 - Running water

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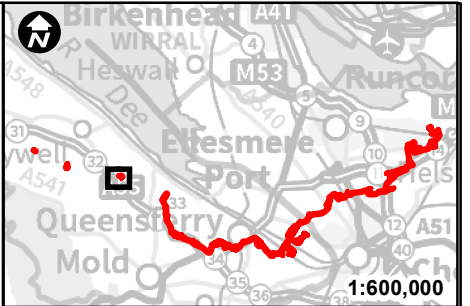
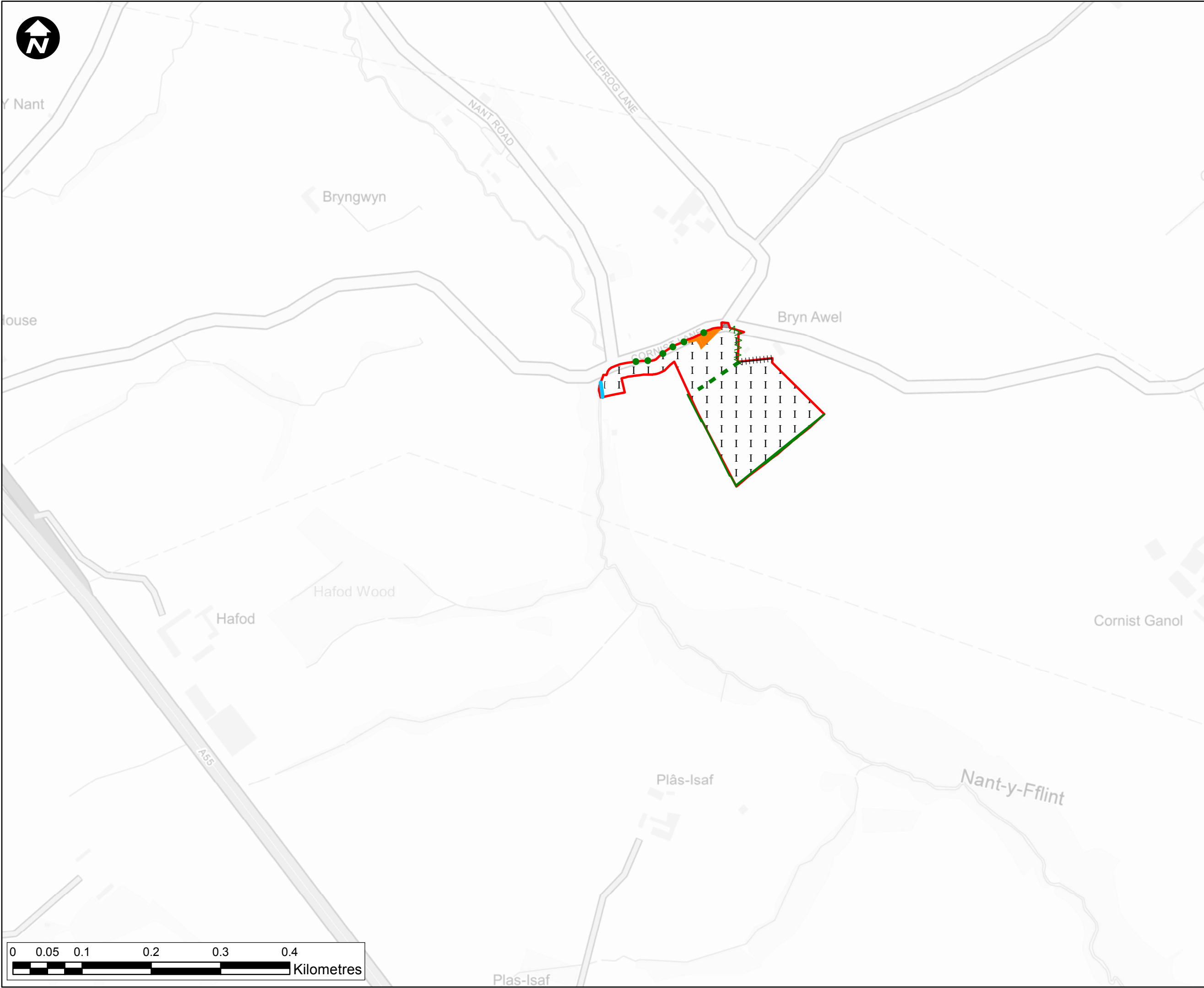
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Results of Phase 1 Habitat Survey
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- Key:
- Newbuild Infrastructure Boundary
 - Neutral grassland - unimproved
 - Improved grassland
 - Hard standing
 - Broadleaved Parkland/scattered trees
 - Defunct hedge - native species-rich
 - Defunct hedge - species-poor
 - Fence
 - Intact hedge - species-poor
 - Running water

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Results of Phase 1 Habitat Survey
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EN070007-APP-ES-9.1.3-Sheet 19



- Key:**
- Newbuild Infrastructure Boundary
 - Neutral grassland - semi-improved
 - Poor semi-improved grassland
 - Other tall herb and fern - ruderal
 - Hard standing
 - Fence
 - Hedge with trees - native species-rich
 - Intact hedge - species-poor

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PROJECT TITLE
HyNet North West
Carbon Dioxide Pipeline DCO

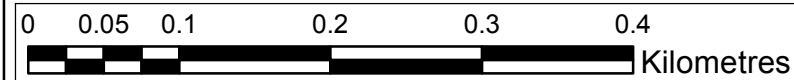
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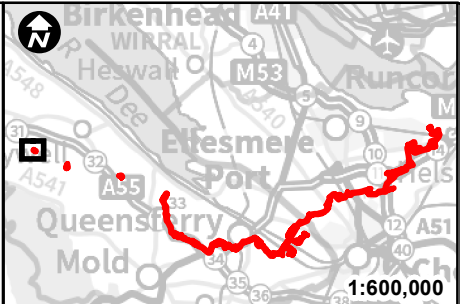
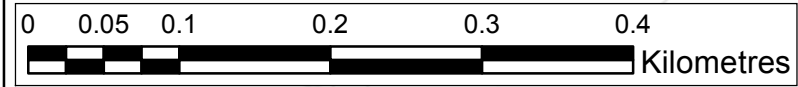
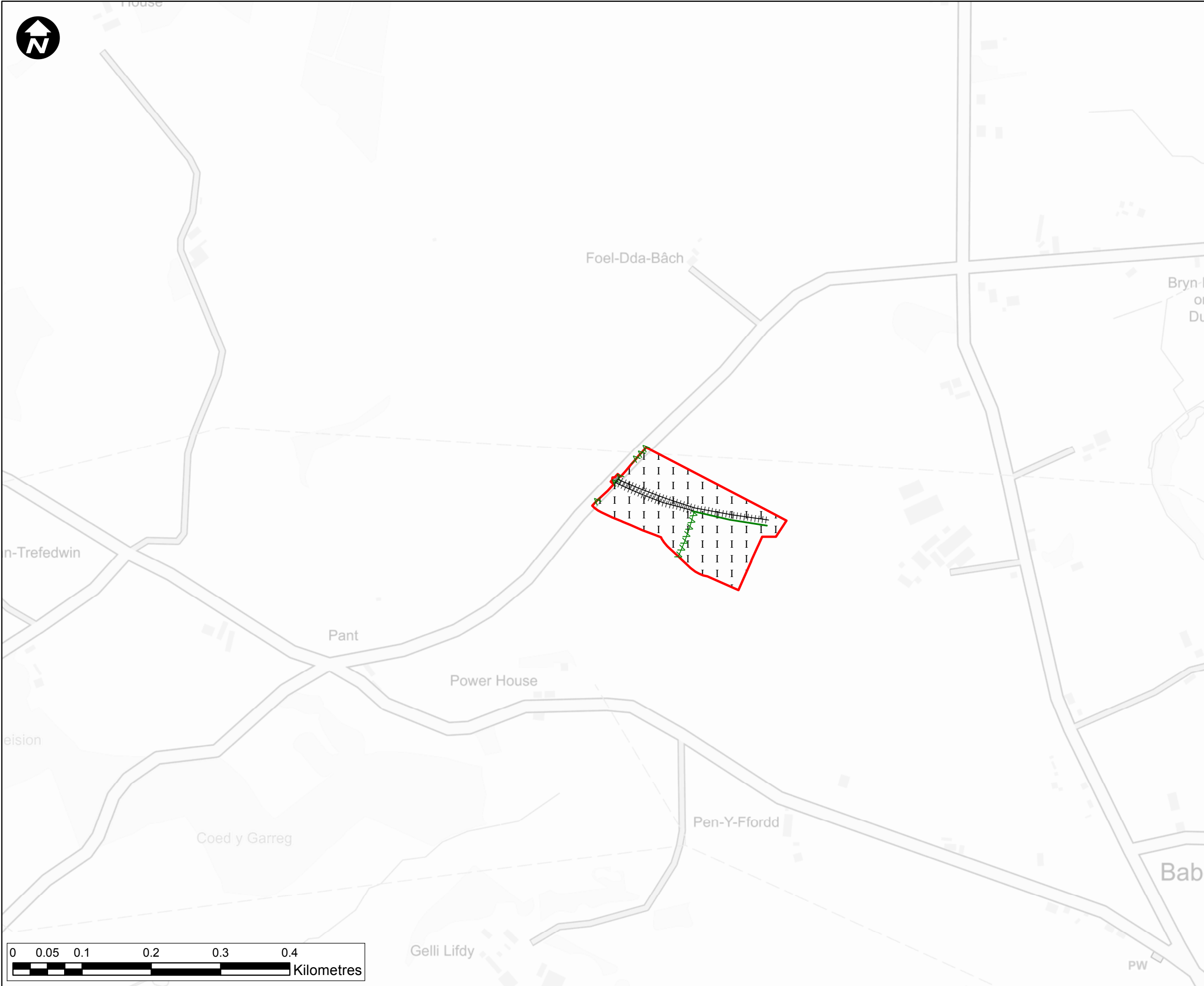
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EN070007-APP-ES-9.1.3-Sheet 20





Key:

	Newbuild Infrastructure Boundary
	Improved grassland
	Hard standing
	Fence
	Intact hedge - native species-rich
	Intact hedge - species-poor

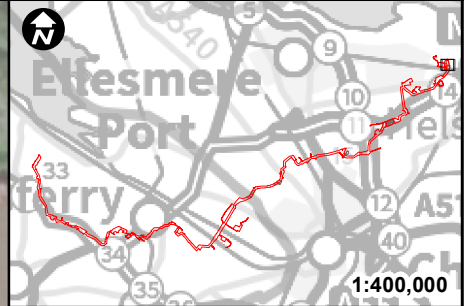
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EN070007-APP-ES-9.1.3-Sheet 21			



Key

- Newbuild Infrastructure Boundary
- - - Ditch
- MG7d - Lolium perenne leys and related grasslands, Lolium perenne-Alopecurus pratensis grassland

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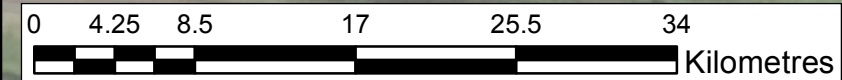
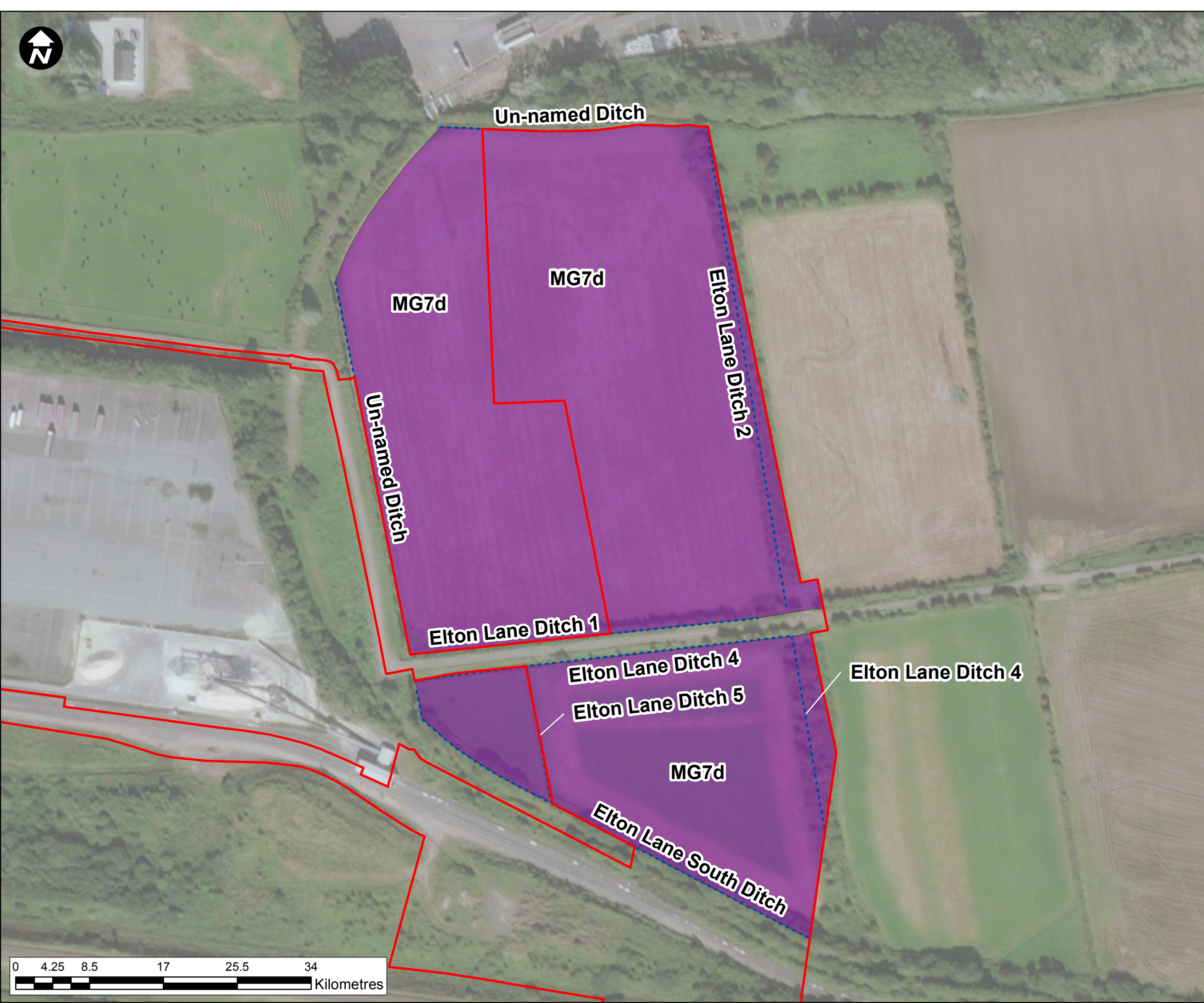
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Figure 9.1.4
NVC Survey Results
Frodsham & Ince Marshes LWS (North of Railway)

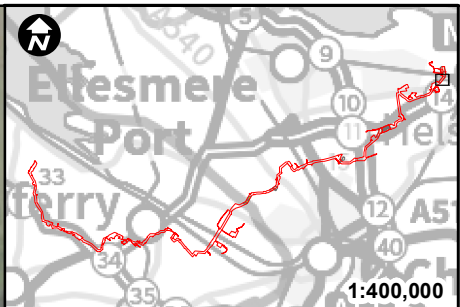
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EN070007-APP-ES-9.1.4-Sheet 1





Key

- Newbuild Infrastructure Boundary
- Ditch
- MG7d - Lolium perenne leys and related grasslands, Lolium perenne-Alopecurus pratensis grassland
- MG9 - Holcus lanatus-Deschampsia cespitosa grassland

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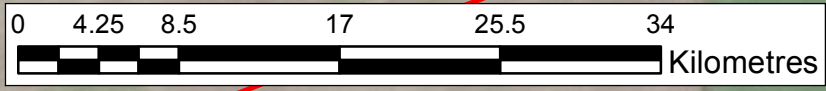
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Figure 9.1.4
NVC Survey Results
Frodsham & Ince Marshes LWS (South of Railway)

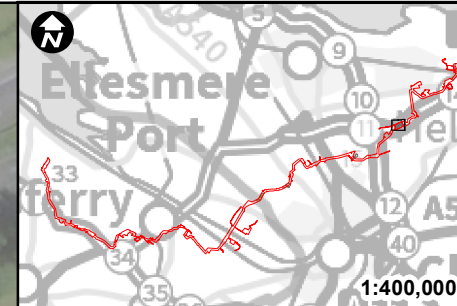
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DRAWING NUMBER
EN070007-APP-ES-9.1.4-Sheet 2





Key

- Newbuild Infrastructure Boundary
- Ditch
- MG10a - Holcus lanatus-Juncus effusus rush-pasture, typical sub-community
- MG13 - Agrostis stolonifera-Alopecurus geniculatus grassland
- MG1b - Arrhenatherum elatius grassland, Urtica dioica sub-community
- MG9 - Holcus lanatus-Deschampsia cespitosa grassland
- River Gowy
- S12 - Typha latifolia swamp
- S28 - Phalaris arundinacea tall-herb fen
- S5 - Glyceria maxima swamp
- Un classified Woodland
- W24 - Rubus fruticosus-Holcus lanatus underscrub

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**HyNet North West
Carbon Dioxide Pipeline DCO**

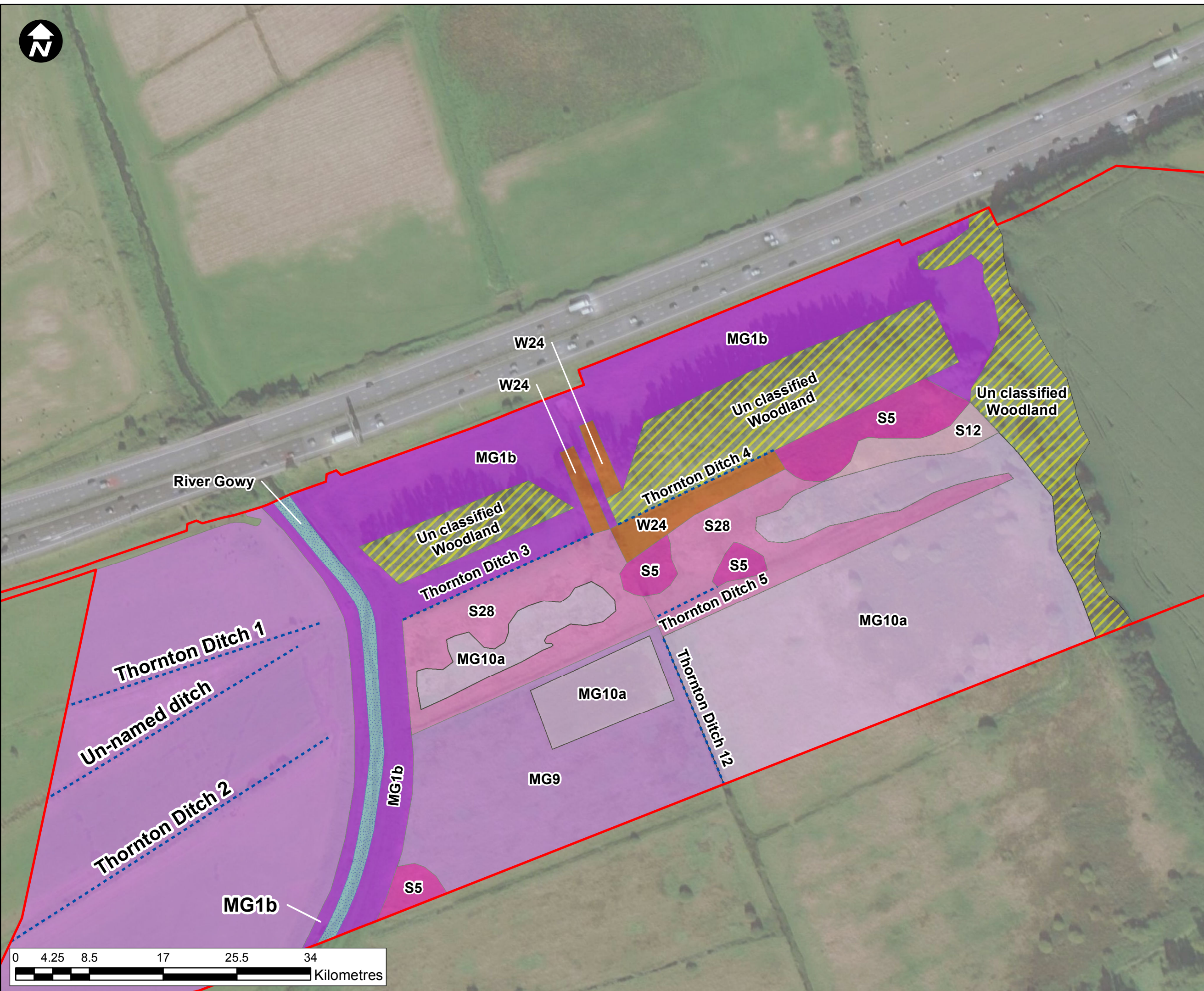
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Figure 9.1.4
NVC Survey Results
Gowey Meadows & Ditches LWS (East of River)

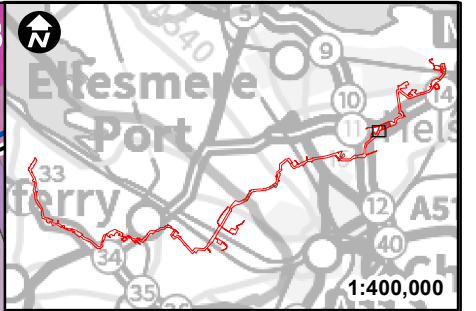
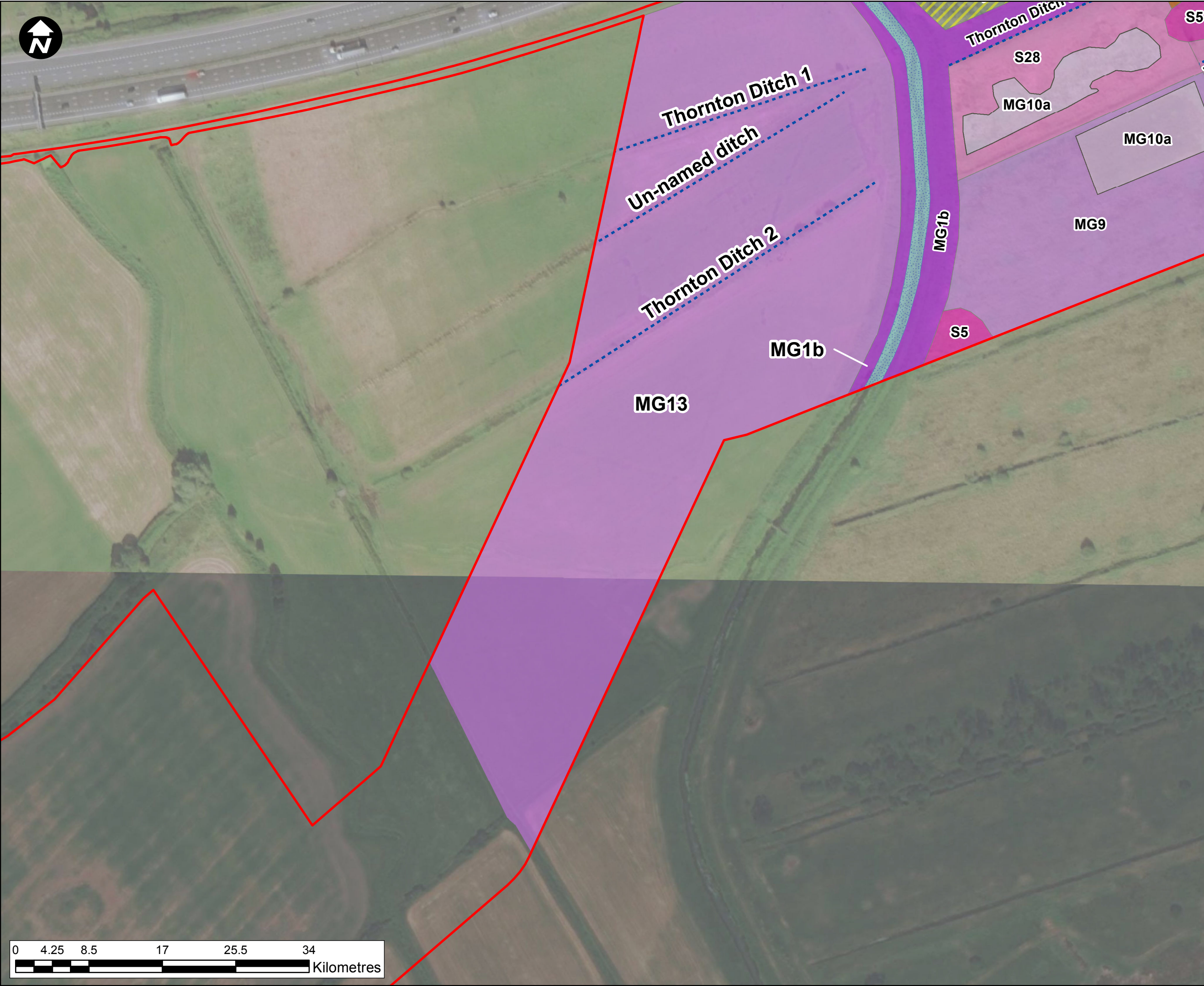
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EN070007-APP-ES-9.1.4-Sheet 3





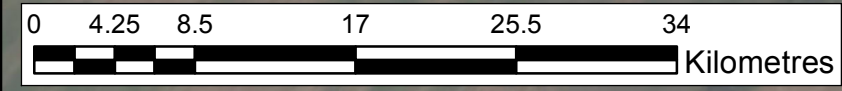
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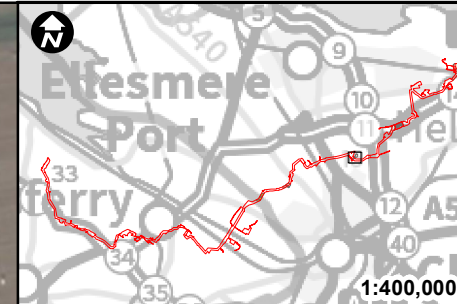
- Newbuild Infrastructure Boundary
- Ditch
- MG10a - *Holcus lanatus*-*Juncus effusus* rush-pasture, typical sub-community
- MG13 - *Agrostis stolonifera*-*Alopecurus geniculatus* grassland
- MG1b - *Arrhenatherum elatius* grassland, *Urtica dioica* sub-community
- MG9 - *Holcus lanatus*-*Deschampsia cespitosa* grassland
- River Gowey
- S28 - *Phalaris arundinacea* tall-herb fen
- S5 - *Glyceria maxima* swamp
- Un classified Woodland
- W24 - *Rubus fruticosus*-*Holcus lanatus* underscrub

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PROJECT TITLE			
HyNet North West Carbon Dioxide Pipeline DCO			
DRAWING TITLE			
Figure 9.1.4 NVC Survey Results Gowey Meadows & Ditches LWS (West of River)			
DRAWING STATUS			
FOR INFORMATION			
DRAWN	CHECKED	APPROVED	AUTHORISED
NM	PH	DC	SP
SCALE @ A3 SIZE		DATE	REVISION
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EN070007-APP-ES-9.1.4-Sheet 4			





Key

-  Newbuild Infrastructure Boundary
-  MG7d - Lolium perenne
leys and related
grasslands, Lolium
perenne-Alopecurus
pratensis grassland
-  W22 - Prunus spinosa-
Rubus fruticosus scrub
-  W24 - Rubus
fruticosus-Holcus
lanatus underscrub

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PROJECT TITLE
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Carbon Dioxide Pipeline DCO**

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Figure 9.1.4
NVC Survey Results
Land adjacent to Shropshire Union Canal LWS

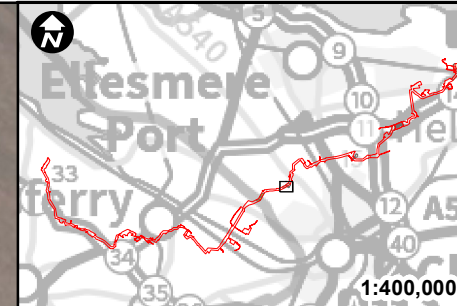
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FOR INFORMATION

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NM	PH	DC	SP

SCALE @ A3 SIZE	DATE	REVISION
1:2,000	30/08/2022	P01

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EN070007-APP-ES-9.1.4-Sheet 5





- Key**
- Newbuild Infrastructure Boundary
 - MG7 - Lolium perenne
leys and related
grasslands
 - W8 - Fraxinus
excelsior-Acer
campestre-Mercurialis
perennis woodland

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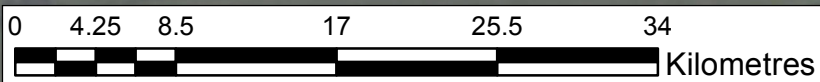
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Figure 9.1.4
NVC Survey Results
Wood West of Crabwell Manor LWS

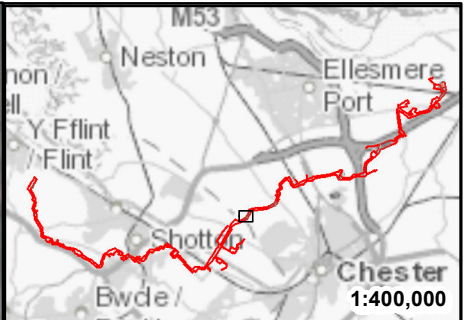
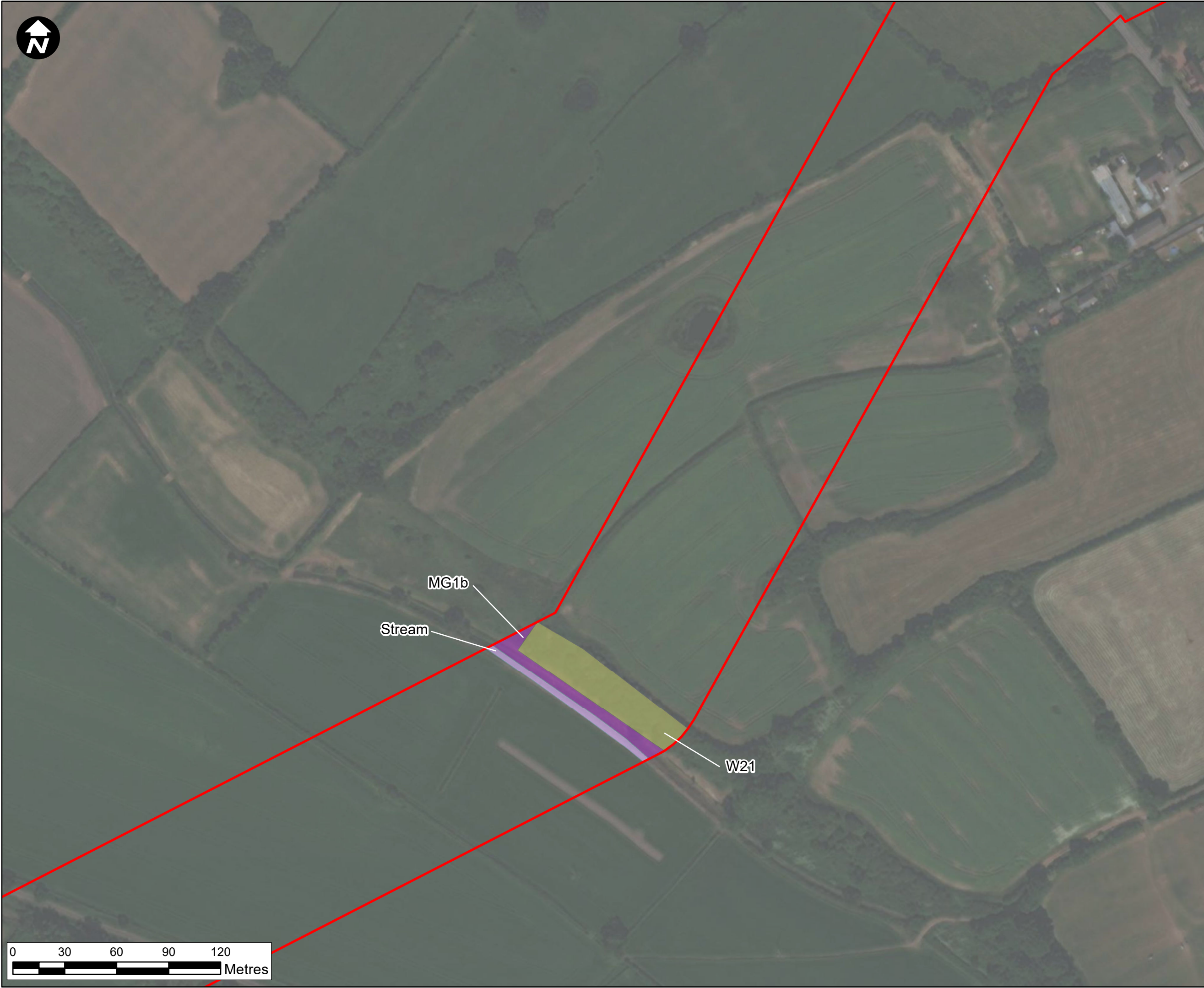
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FOR INFORMATION

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AC	PH	DC	SP

SCALE @ A3 SIZE	DATE	REVISION
1:2,000	30/08/2022	P01

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EN070007-APP-ES-9.1.4-Sheet 6





Key

- Red Line Boundary
- MG1b - Arrhenatherum elatius grassland, Urtica dioica sub-community
- Stream
- W21 - Crataegus monogyna-Hedera helix scrub

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Figure 9.1.4
NVC Survey Results
Saughall Bank LWS

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FOR INFORMATION

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DRAWING NUMBER
EN070007-APP-ES-9.1.4-Sheet 7



Key

- Newbuild Infrastructure Boundary
- MG6a - *Lolium perenne-cynosurus cristatus* grasslands -typical sub-community
- Un classified Woodland

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HyNet North West
Carbon Dioxide Pipeline DCO

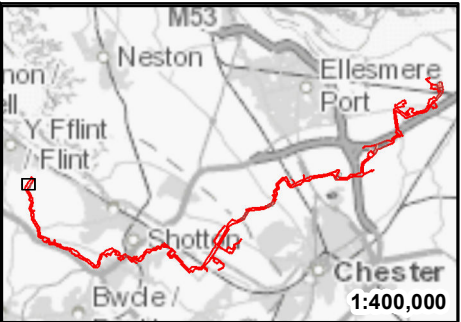
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Figure 9.1.4
NVC Survey Results
A494/Ewloe Woodland

DRAWING STATUS
FOR INFORMATION

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NM	PH	DC	MT

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EN070007-APP-ES-9.1.4-Sheet 8



Key

- Newbuild Infrastructure Boundary
- Flint AGI Ancient Woodland
- W6 *Alnus glutinosa-Urtica dioica* woodland

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HyNet North West
Carbon Dioxide Pipeline DCO

DRAWING TITLE
Figure 9.1.4
NVC Survey Results
Flint AGI Woodland

DRAWING STATUS			
FOR INFORMATION			
DRAWN	CHECKED	APPROVED	AUTHORISED
NM	PH	DC	MT
SCALE @ A3 SIZE		DATE	REVISION
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EN070007-APP-ES-9.1.4-Sheet 9			

ANNEX B

FLORISTIC TABLES AND SPECIES LISTS

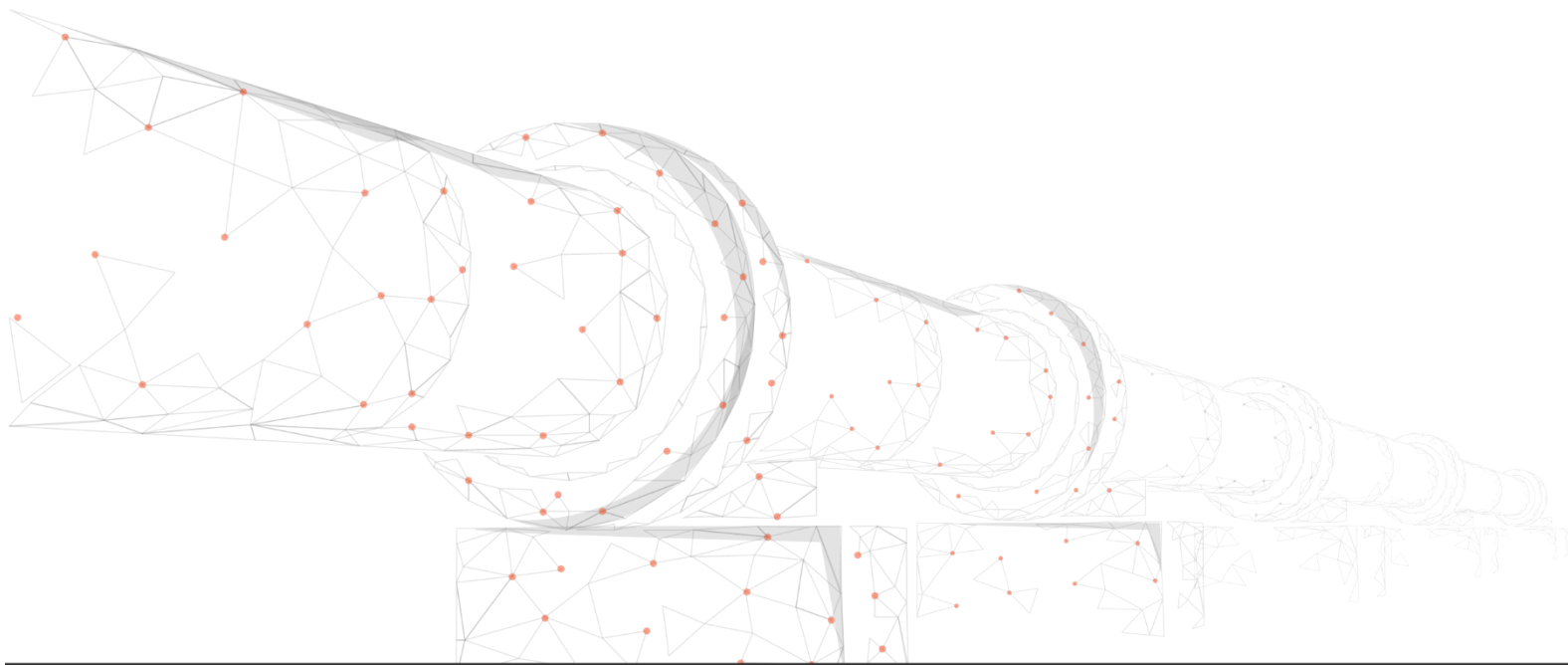


Table 11 - Flint AGI Ancient Woodland/Little Leadbrook Species List

Scientific Name	Common Name	DAFOR
Trees/Shrubs		
<i>Alnus glutinosa</i>	alder	D
<i>Corylus avellana</i>	hazel	R
<i>Crataegus monogyna</i>	hawthorn	F
<i>Fraxinus excelsior</i>	ash	R
<i>Quercus robur</i>	pedunculate oak	R
<i>Rosa</i> sp.	rose	R
<i>Salix cinerea</i>	grey willow	F
Ground Flora		
<i>Agrostis stolonifera</i>	creeping bent	A
<i>Allium ursinum</i>	ramsons	F
<i>Brachypodium sylvaticum</i>	false-brome	R
<i>Carex remota</i>	remote sedge	O
<i>Circaea lutetiana</i>	enchanter's-nightshade	F
<i>Dactylis glomerata</i>	cock's-foot	R
<i>Dryopteris dilatata</i>	broad buckler-fern	R
<i>Dryopteris filix-mas</i>	male fern	R
<i>Equisetum telmateia</i>	great horsetail	O
<i>Galium album</i>	hedge bedstraw	R
<i>Galium aparine</i>	cleavers	R
<i>Geranium robertianum</i>	herb-robert	O
<i>Geum urbanum</i>	wood avens	O
<i>Heracleum sphondylium</i>	hogweed	R
<i>Holcus mollis</i>	creeping soft-grass	F
<i>Lysimachia nemorum</i>	yellow pimpernel	F
<i>Melica uniflora</i>	wood melick	R
<i>Mercurialis perennis</i>	dog's mercury	O
<i>Oenanthe crocata</i>	hemlock water-dropwort	F
<i>Potentilla reptans</i>	creeping cinquefoil	O
<i>Prunella vulgaris</i>	selfheal	O

Scientific Name	Common Name	DAFOR
<i>Ranunculus repens</i>	creeping buttercup	F
<i>Rumex sanguineus</i>	wood dock	F
<i>Solanum dulcamara</i>	bittersweet	R
<i>Stachys sylvatica</i>	hedge woundwort	O
<i>Tamus communis</i>	black bryony	R
<i>Urtica dioica</i>	common nettle	F
<i>Veronica beccabunga</i>	brooklime	R
<i>Veronica montana</i>	wood speedwell	O
Wet Hollow		
<i>Angelica sylvestris</i>	wild angelica	R
<i>Carex hirta</i>	hairy sedge	F
<i>Cirsium palustre</i>	marsh thistle	O
<i>Deschampsia cespitosa</i>	tufted hair-grass	R
<i>Epilobium hirsutum</i>	great willowherb	A
<i>Equisetum palustre</i>	marsh horsetail	D
<i>Eupatorium cannabinum</i>	hemp agrimony	O
<i>Galium palustre</i>	marsh bedstraw	F
<i>Glyceria fuitans</i>	floating sweet-grass	O
<i>Holcus lanatus</i>	Yorkshire-fog	F
<i>Juncus inflexus</i>	hard rush	A
<i>Lathyrus pratensis</i>	meadow vetchling	R
<i>Lotus pedunculatus</i>	greater bird's-foot trefoil	F
<i>Mentha aquatica</i>	water mint	O
<i>Myosotis scorpioides</i>	water forget-me-not	R
<i>Silene flos-cuculi</i>	ragged robin	O

Table 12 - Church Lane Woodland - Grassland

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 30238 66910	SJ 30233 66932	SJ 30219 66927	
Scientific Name	Common Name	Cover (Domin)			
<i>Agrostis capillaris</i>	common bent	7	6	8	V
<i>Centaurea nigra</i>	common knapweed	5	7	5	V
<i>Cynosurus cristatus</i>	crested dog's-tail	4	3	3	V
<i>Holcus lanatus</i>	Yorkshire-fog	6	5	7	V
<i>Jacaobaea vulgaris</i>	common ragwort	2	4	6	V
<i>Lolium perenne</i>	perennial rye-grass	7	6	5	V
<i>Odonites vernus</i>	red bartsia	5	6	5	V
<i>Plantago lanceolata</i>	ribwort plantatin	6	5	7	V
<i>Potentilla reptans</i>	creeping cinquefoil	6	6	7	V
<i>Prunella vulgaris</i>	selfheal	3	5	8	V
<i>Ranunculus repens</i>	creeping buttercup	8	7	6	V
<i>Trifolium repens</i>	white clover	7	7	8	V
<i>Achillea millefolium</i>	yarrow		5	6	IV
<i>Dactylis glomerata</i>	cock's-foot		3	2	IV
<i>Poa trivialis</i>	rough meadow-grass	4	2		IV
<i>Cerastium fontanum</i>	common mouse-ear	3			II
<i>Heracleum sphondylium</i>	hogweed			2	II
<i>Stellaria graminea</i>	lesser stitchwort	2			II
<i>Trifolium pratense</i>	red clover		4		II
<i>Vicia cracca</i>	tufted vetch	2			II
MATCH Similarity Coefficients %					
MG6a	MG6	MG6b	MG7e	MG6c	
53.2	52.1	51.4	48.7	47.7	

	
Quadrat 1	Quadrat 2
	
Quadrat 3	

Table 13 - Church Lane Woodland - Woodland

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 30298 67009	SJ 30326 66983	SJ 30292 66990	
Scientific Name	Common Name	Cover (Domin)			
Canopy					
<i>Acer pseudoplatanus</i>	sycamore	9	9	10	V
<i>Quercus robur</i>	pedunculate oak	4		2	IV
<i>Acer platanoides</i>	Norway maple		2		II
Understorey					
<i>Acer pseudoplatanus</i>	sycamore	5	4	3	V
<i>Crataegus monogyna</i>	hawthorn	4	7	5	V
<i>Sambucus nigra</i>	elder	3	3	5	V
<i>Acer platanoides</i>	Norway maple	1			II
Ground Layer					
<i>Rubus fruticosus</i> agg.	bramble	2	2	2	V
<i>Urtica dioica</i>	common nettle	8	4	8	V
<i>Dryopteris filix-mas</i>	male fern	3	7		IV
<i>Geum urbanum</i>	wood avens	2		2	IV
<i>Rumex sanguineus</i>	wood dock	2		5	IV
<i>Acer platanoides</i>	Norway maple		2		II
<i>Galium aparine</i>	cleavers		3		II
<i>Ranunculus repens</i>	creeping buttercup		5		II
<i>Rumex obtusifolius</i>	broad-leaved dock		2		II
MATCH Similarity Coefficients %					
W6	W6d	W6e	W21a	W6b	

36.1	35.1	33.0	31.9	31.8
				
Quadrat 1		Quadrat 2		
				
Quadrat 3				

Table 14 - Church Lane Woodland - Woodland And Grassland Additional Species List

Scientific Name	Common Name	DAFOR
<i>Alliaria petiolata</i>	garlic mustard	O
<i>Aquilegia vulgaris</i>	columbine	R
<i>Asplenium scolopendrium</i>	hart's-tongue	R
<i>Aucuba japonica</i>	spotted-laurel	R
<i>Bellis perennis</i>	daisy	R
<i>Buddleja davidii</i>	butterfly-bush	R
<i>Calystegia sepium</i>	hedge bindweed	R
<i>Centaureum erythraea</i>	common centaury	O
<i>Cupressus x leylandii</i>	Leyland cypress	R
<i>Deschampsia cespitosa</i>	tufted hair-grass	R
<i>Epilobium montanum</i>	broad-leaved willowherb	F
<i>Fraxinus excelsior</i>	ash	R
<i>Geranium robertianum</i>	herb-robert	O
<i>Glechoma hederacea</i>	ground-ivy	O
<i>Hedera helix</i>	ivy	O
<i>Hypericum perforatum</i>	perforate st john's-wort	R
<i>Hypochaeris radicata</i>	common cat's-ear	O
<i>Leontodon autumnalis</i>	autumn hawkbit	R
<i>Lonicera periclymenum</i>	honeysuckle	R
<i>Lotus corniculatus</i>	common bird's-foot trefoil	O
<i>Lysimachia arvensis</i>	scarlet pimpernel	R
<i>Pinus sylvestris</i>	Scots pine	R
<i>Prunus avium</i>	wild cherry	O
<i>Ranunculus acris</i>	meadow buttercup	O
<i>Reseda luteola</i>	weld	R
<i>Rosa canina</i>	dog rose	O
<i>Stachys sylvatica</i>	hedge woundwort	F
<i>Torilis japonica</i>	upright hedge-parsley	O
<i>Tussilago farfara</i>	colt's-foot	R

Scientific Name	Common Name	DAFOR
<i>Veronica chamaedrys</i>	germander speedwell	O
<i>Veronica montana</i>	wood speedwell	R
<i>Viola riviniana</i>	common dog-violet	O

Table 15 - Saughall Bank LWS - Grassland

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 36519 68959	SJ 36477 68971	SJ 36450 68992	
Scientific Name	Common Name	Cover (Domin)			
<i>Dactylis glomerata</i>	cock's-foot	4	4	6	V
<i>Galium aparine</i>	cleavers	7	7	5	V
<i>Heracleum sphondylium</i>	hogweed	7	8	3	V
<i>Holcus lanatus</i>	Yorkshire-fog	3	7	9	V
<i>Poa trivialis</i>	rough meadow-grass	8	5	4	V
<i>Ranunculus acris</i>	meadow buttercup	5	4	2	V
<i>Ranunculus repens</i>	creeping buttercup	7	7	6	V
<i>Urtica dioica</i>	common nettle	5	3	6	V
<i>Arrhenatherum elatius</i>	false oat-grass		6	6	IV
<i>Cirsium arvense</i>	creeping thistle		4	5	IV
<i>Epilobium hirsutum</i>	great willowherb	4		5	IV
<i>Lolium perenne</i>	perennial rye-grass		4	2	IV
<i>Rumex obtusifolius</i>	broad-leaved dock	6		5	IV
<i>Alliaria petiolata</i>	garlic mustard	1			II
<i>Alopecurus pratensis</i>	meadow foxtail			6	II
<i>Anisantha sterilis</i>	barren brome	4			II
<i>Anthriscus sylvestris</i>	cow parsley		3		II
<i>Lamium purpureum</i>	red dead-nettle	5			II
<i>Lathyrus pratensis</i>	meadow vetchling			5	II
<i>Leucanthemum vulgare</i>	oxeye daisy		6		II
<i>Phragmites australis</i>	common reed			2	II

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 36519 68959	SJ 36477 68971	SJ 36450 68992	
Scientific Name	Common Name	Cover (Domin)			
<i>Scrophularia auriculata</i>	water figwort	2			II
<i>Veronica chamaedrys</i>	germander speedwell		4		II
<i>Vicia sativa</i>	common vetch		5		II
MATCH Similarity Coefficients %					
MG1b	MG1c	MG1a	MG1	MG9b	
50.6	49.5	43.9	42.1	38.6	
					
Quadrat 1		Quadrat 2			
					
Quadrat 3					

Table 16 - Wood West of Crabwell Manow LWS - Grassland (West of Woodland)

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 37780 69665	SJ 37788 69725	SJ 37795 69771	
Scientific Name	Common Name	Cover (Domin)			
<i>Bromus hordeaceus</i>	soft-brome	9	9	8	
<i>Cerastium fontanum</i>	common mouse-ear	2	3	2	V
<i>Cirsium arvense</i>	creeping thistle	2	2	4	V
<i>Taraxacum officinale</i> agg.	dandelion	3	5	7	V
<i>Lolium perenne</i>	perennial rye-grass	5		5	IV
<i>Ranunculus repens</i>	creeping buttercup	1	3		IV
<i>Alopecurus pratensis</i>	meadow foxtail			4	II
<i>Rumex acetosa</i>	common sorrel	3			II
MATCH Similarity Coefficients %					
MG7d	MG7b	MG7c	MG6a	MG7e	
39.4	38.5	37.6	36.6	36.0	
					
Quadrat 1		Quadrat 2			

	
Quadrat 3	

Table 17 - Wood West of Crabwell Manor LWS - Grassland (East of Woodland)

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 38003 69729	SJ 38000 69753	SJ 37988 69779	
Scientific Name	Common Name	Cover (Domin)			
<i>Bromus hordeaceus</i>	soft-brome	8	9	7	V
<i>Cerastium fontanum</i>	common mouse-ear	3	5	2	V
<i>Lolium perenne</i>	perennial rye-grass	6	5	7	V
<i>Ranunculus acris</i>	meadow buttercup	5	4	5	V
<i>Ranunculus repens</i>	creeping buttercup	6	6	5	V
<i>Taraxacum officinale</i> agg.	dandelion	6	7	7	V
<i>Holcus lanatus</i>	Yorkshire-fog	7		5	IV
<i>Rumex acetosa</i>	common sorrel		6	6	IV
<i>Alopecurus pratensis</i>	meadow foxtail			3	II
<i>Cirsium arvense</i>	creeping thistle		2		II
MATCH Similarity Coefficients %					
MG7d	MG6a	MG7c	MG7b	MG6b	
52.4	49.6	49.1	47.6	46.2	
					
Quadrat 1		Quadrat 2			

	
Quadrat 3	

Table 18 - Species List for Wood West of Crabwell Manor LWS

Scientific Name	Common Name	DAFOR
Trees/Shrubs		
<i>Acer pseudoplatanus</i>	sycamore	F
<i>Aesculus hippocastanum</i>	horse chestnut	R
<i>Corylus avellana</i>	hazel	F
<i>Crataegus monogyna</i>	hawthorn	F
<i>Fagus sylvatica</i>	beech	O
<i>Fraxinus excelsior</i>	ash	R
<i>Prunus avium</i>	wild cherry	O
<i>Prunus spinosa</i>	blackthorn	R
<i>Quercus robur</i>	pedunculate oak	A
<i>Rosa</i> sp.	rose	R
<i>Salix caprea</i>	goat willow	R
<i>Salix cinerea</i>	grey willow	O
<i>Sambucus nigra</i>	elder	O
Ground Flora		
<i>Aegopodium podagraria</i>	ground-elder	R
<i>Agrostis capillaris</i>	common bent	O
<i>Agrostis stolonifera</i>	creeping bent	R
<i>Alliaria petiolata</i>	garlic mustard	F
<i>Anemone nemorosa</i>	wood anemone	LA
<i>Anthoxanthum odoratum</i>	sweet vernal-grass	R
<i>Anthriscus sylvestris</i>	cow parsley	O
<i>Arum maculatum</i>	lords-and-ladies	O
<i>Asplenium scolopendrium</i>	hart's-tongue	R
<i>Brachypodium sylvaticum</i>	false-brome	R
<i>Cardamine hirsuta</i>	hairy bittercress	R
<i>Carex pendula</i>	pendulous sedge	R
<i>Carex remota</i>	remote sedge	R
<i>Circaea lutetiana</i>	enchanter's-nightshade	R

Scientific Name	Common Name	DAFOR
<i>Conopodium majus</i>	pignut	O
<i>Dactylis glomerata</i>	cock's-foot	R
<i>Dryopteris dilatata</i>	broad buckler-fern	O
<i>Dryopteris filix-mas</i>	male fern	O
<i>Ficaria verna</i>	lesser celandine	LA
<i>Filipendula ulmaria</i>	meadowsweet	R
<i>Fraxinus excelsior</i>	ash seedlings	F
<i>Galium aparine</i>	cleavers	F
<i>Geranium robertianum</i>	herb-robert	O
<i>Geum urbanum</i>	wood avens	O
<i>Hedera helix</i>	ivy	O
<i>Heracleum mantegazzianum</i>	giant hogweed	F
<i>Heracleum sphondylium</i>	hogweed	O
<i>Hyacinthoides hispanica</i>	Spanish bluebell	R
<i>Hypericum perforatum</i>	perforate st. john's-wort	R
<i>Kindbergia praelonga</i>	common feather-moss	F
<i>Lamiastrum galeobdolon</i> ssp. <i>argentatum</i>	variegated yellow archangel	LA
<i>Luzula campestris</i>	field wood-rush	R
<i>Mercurialis perennis</i>	dog's mercury	O
<i>Mnium hornum</i>	swan's-neck thyme-moss	O
<i>Oenanthe crocata</i>	hemlock water-dropwort	R
<i>Oxalis acetosella</i>	wood-sorrel	O
<i>Plagiomnium undulatum</i>	hart's-tongue thyme-moss	O
<i>Pteridium aquilinum</i>	bracken	R
<i>Rubus fruticosus</i> agg.	bramble	O
<i>Rumex obtusifolius</i>	broad-leaved dock	O
<i>Rumex sanguineus</i>	wood dock	F
<i>Scrophularia auriculata</i>	water figwort	R
<i>Silene dioica</i>	red campion	O
<i>Solanum dulcamara</i>	bittersweet	R
<i>Stachys sylvatica</i>	hedge woundwort	O

Scientific Name	Common Name	DAFOR
<i>Stellaria media</i>	common chickweed	R
<i>Symphytum asperum</i> x <i>officinale</i> (<i>S. x uplandicum</i>)	Russian comfrey	R
<i>Urtica dioica</i>	common nettle	LA
<i>Veronica chamaedrys</i>	germander speedwell	R
<i>Veronica hederifolia</i>	ivy-leaved speedwell	O
<i>Viola riviniana</i>	common dog-violet	F

Table 19 - Land Adjacent to the Shropshire Union Canal LWS - Northern Grassland

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 41656 71334	SJ41643 71344	SJ41629 71860	
Scientific Name	Common Name	Cover (Domin)			
<i>Agrostis stolonifera</i>	creeping bent		5	9	IV
<i>Alopecurus pratensis</i>	meadow foxtail	9	8		IV
<i>Lolium perenne</i>	Perennial rye-grass	5		4	IV
<i>Schedonorus arundinaceus</i>	tall fescue	7	8		IV
<i>Cerastium fontanum</i>	common mouse-ear	2			II
<i>Dactylis glomerata</i>	cock's-foot			6	II
<i>Deschampsia cespitosa</i>	tufted hair-grass			6	II
<i>Festuca rubra</i>	red fescue		3		II
<i>Holcus lanatus</i>	Yorkshire-fog		3		II
<i>Ranunculus acris</i>	meadow buttercup			3	II
<i>Ranunculus repens</i>	creeping buttercup	5			II
<i>Rumex acetosa</i>	common sorrel			7	II
<i>Rumex obtusifolius</i>	broad-leaved dock	2			II
<i>Taraxacum officinale</i> agg.	dandelion	1			II
MATCH Similarity Coefficients %					
MG7d	MG11a	MG9	MG9a	MG10a	
53.8	53.4	49.3	48.5	47.7	

	
Quadrat 1	Quadrat 2
	
Quadrat 3	

Table 20 - Land Adjacent to the Shropshire Union Canal LWS - Central Grassland

Quadrat Number		Q1	Q2	Q3	Frequency
Quadrat Grid Reference		SJ 41611 71326	SJ 41604 17308	SJ 41591 71292	
Scientific Name	Common Name	Cover (Domin)			
<i>Agrostis stolonifera</i>	creeping bent	10	8	9	
<i>Alopecurus pratensis</i>	meadow foxtail	8	9	6	V
<i>Lolium perenne</i>	perennial rye-grass	6	4		IV
<i>Rumex acetosa</i>	common sorrel		3	5	IV
<i>Cardamine pratensis</i>	cuckoo-flower	1			II
<i>Juncus effusus</i>	soft rush			3	II
<i>Taraxacum officinale</i> agg.	dandelion	3			II
MATCH Similarity Coefficients %					
MG10a	MG7d	MG13	MG10	MG7c	
36.8	35.9	33.5	31.3	31.0	
					
Quadrat 1		Quadrat 2			