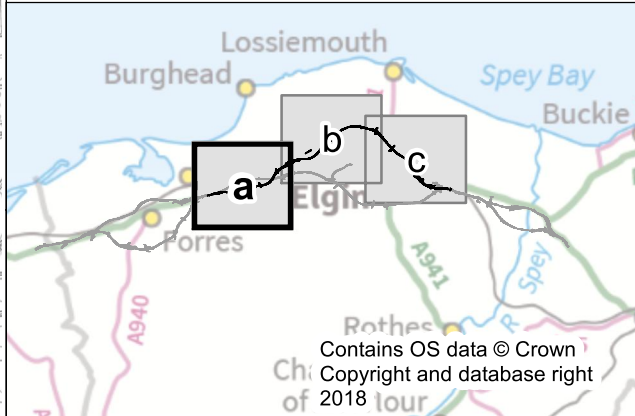
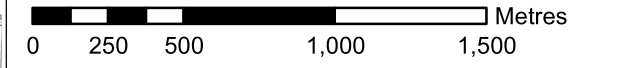


- Legend**
- 500m Buffer
  - Phase 1 Target Notes
- Phase 1 Habitats**
- A1.1.1 - Broadleaved woodland - semi-natural
  - A1.1.2 - Broadleaved woodland - plantation
  - A1.2.1 - Coniferous woodland - semi-natural
  - A1.2.2 - Coniferous woodland - plantation
  - A1.3.1 - Mixed woodland - semi-natural
  - A1.3.2 - Mixed woodland - plantation
  - A2.1 - Scrub - dense/continuous
  - A2.2 - Scrub - scattered
  - A3.1 - Broadleaved Parkland/scattered trees
  - A3.2 - Coniferous Parkland/scattered trees
  - A3.3 - Mixed Parkland/scattered trees
  - A4.2 - Coniferous woodland - recently felled
  - A4.3 - Mixed woodland - recently felled
  - B1.2 - Acid grassland - semi-improved
  - B2.1 - Neutral grassland - unimproved
  - B2.2 - Neutral grassland - semi-improved
  - B4 - Improved grassland
  - B5 - Marsh/marshy grassland
  - SI - 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
  - D5 - Dry heath/acid grassland
  - E1.7 - Wet modified bog
  - F1 - Swamp
  - F2.2 - Marginal and inundation - inundation vegetation
  - G1.2 - Standing water - mesotrophic; G2.2 - Running water - mesotrophic
  - G1 - Standing water; G2 - Running water
  - I1.1.1 - Inland cliff - acid/neutral
  - I2.1 - Quarry
  - J1.2 - Cultivated/disturbed land - amenity grassland
  - J1.4 - Introduced shrub
  - J2.1.2 - Intact hedge - species-poor
  - J2.2.1 - Defunct hedge - native species-rich
  - J2.2.2 - Defunct hedge - species-poor
  - J2.3.2 - Hedge with trees - species-poor
  - J4 - Bare ground

Notes: - In order to improve clarity, linear (including hedges, banks, ditches) and point features have been omitted  
 - Confidential Badger data has been omitted



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Rev.	Rev. Date	Drawing Suitability	Drawn	Appr'd

**Mott MacDonald Sweco**

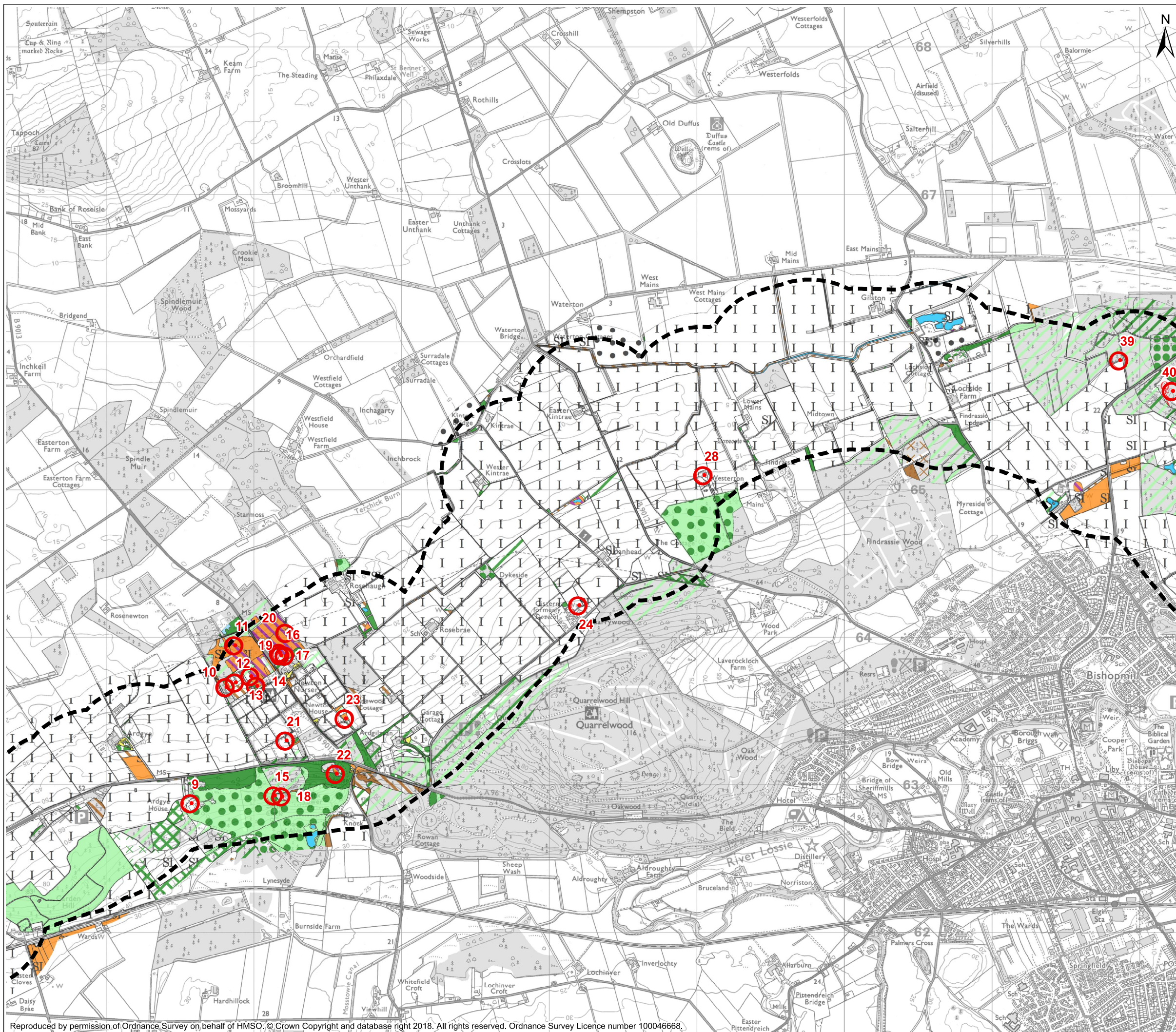


Project  
**A96 Dualling  
 Hardmuir to Fochabers**

Drawing Title  
**Figure 18.2a Phase 1 Habitat Survey  
 Hillhead to Lhanbryde - North Option**

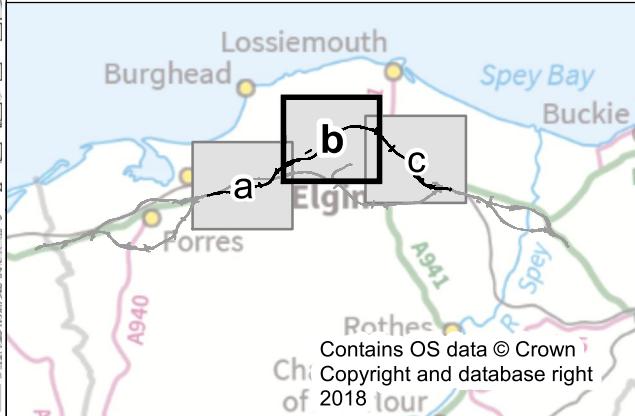
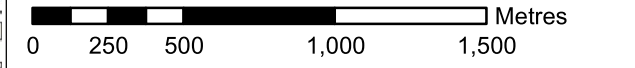
Scale @ A3	1:25,000	DO NOT SCALE
Project No.	117880	Status
BIM No.	A96PHF-MMS-EGN-00000-DR-GS-00040	

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- Legend**
- 500m Buffer
  - Phase 1 Target Notes
- Phase 1 Habitats**
- A1.1.1 - Broadleaved woodland - semi-natural
  - A1.1.2 - Broadleaved woodland - plantation
  - A1.2.1 - Coniferous woodland - semi-natural
  - A1.2.2 - Coniferous woodland - plantation
  - A1.3.1 - Mixed woodland - semi-natural
  - A1.3.2 - Mixed woodland - plantation
  - A2.1 - Scrub - dense/continuous
  - A2.2 - Scrub - scattered
  - A3.1 - Broadleaved Parkland/scattered trees
  - A3.2 - Coniferous Parkland/scattered trees
  - A3.3 - Mixed Parkland/scattered trees
  - A4.2 - Coniferous woodland - recently felled
  - A4.3 - Mixed woodland - recently felled
  - B1.2 - Acid grassland - semi-improved
  - B2.1 - Neutral grassland - unimproved
  - 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
  - D5 - Dry heath/acid grassland
  - E1.7 - Wet modified bog
  - F1 - Swamp
  - F2.2 - Marginal and inundation - inundation vegetation
  - G1.2 - Standing water - mesotrophic; G2.2 - Running water - mesotrophic
  - G1 - Standing water; G2 - Running water
  - I1.1.1 - Inland cliff - acid/neutral
  - I2.1 - Quarry
  - J1.2 - Cultivated/disturbed land - amenity grassland
  - J1.4 - Introduced shrub
  - J2.1.2 - Intact hedge - species-poor
  - J2.2.1 - Defunct hedge - native species-rich
  - J2.2.2 - Defunct hedge - species-poor
  - J2.3.2 - Hedge with trees - species-poor
  - J4 - Bare ground

Notes: - In order to improve clarity, linear (including hedges, banks, ditches) and point features have been omitted  
 - Confidential Badger data has been omitted



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**Mott MacDonald Sweco**

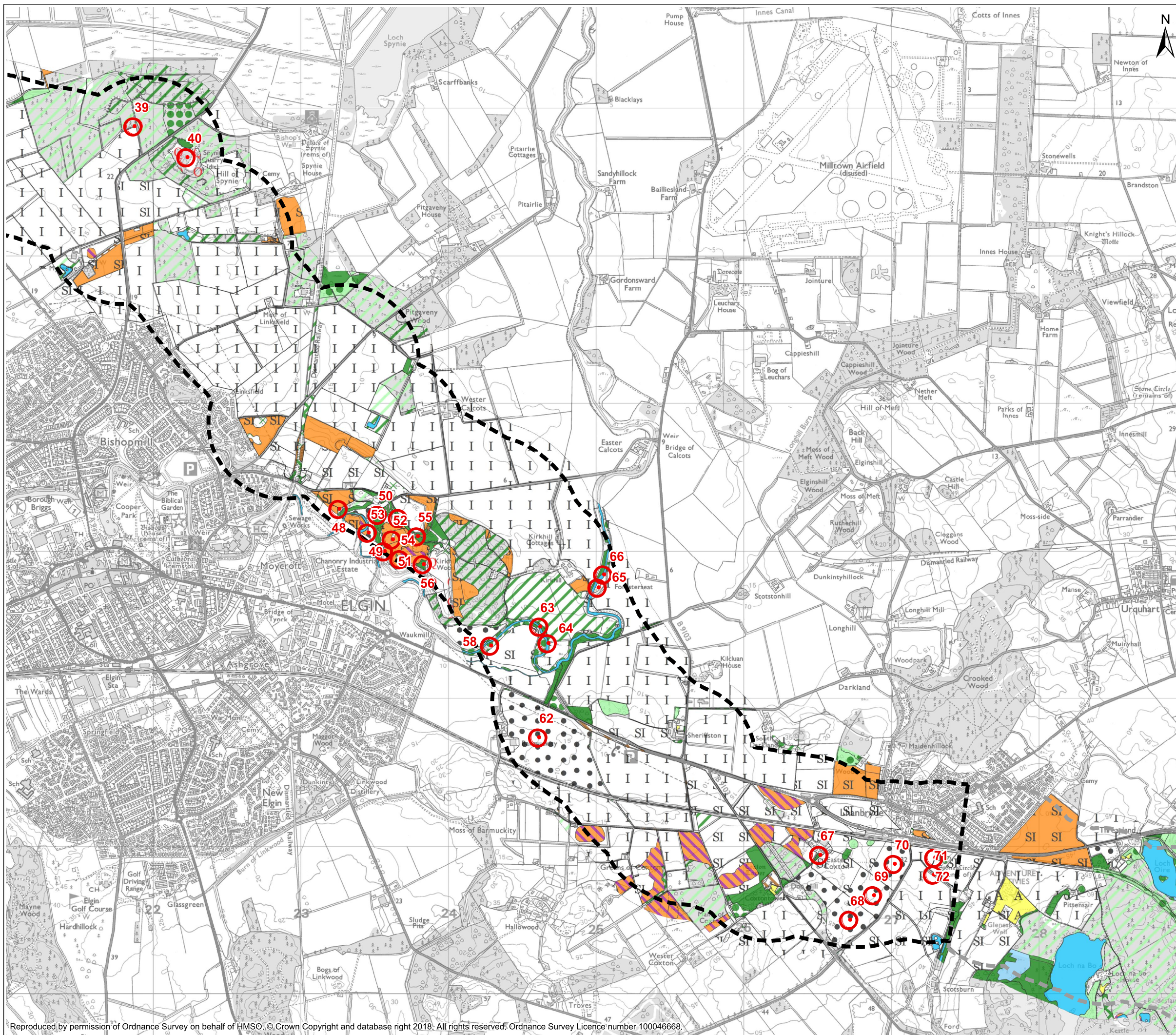


Project  
**A96 Dualling  
 Hardmuir to Fochabers**

Drawing Title  
**Figure 18.2b Phase 1 Habitat Survey  
 Hillhead to Lhanbryde - North Option**

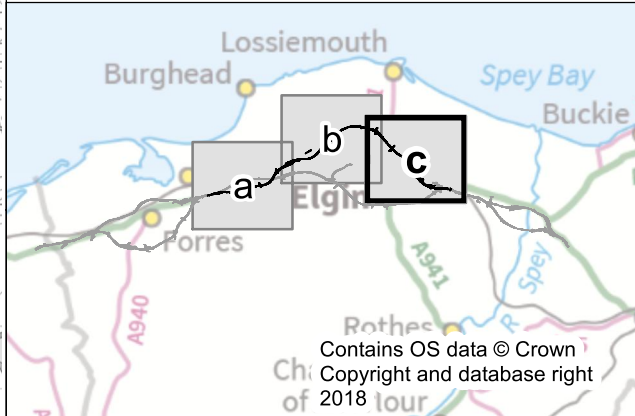
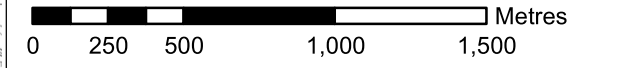
Scale @ A3	1:25,000	DO NOT SCALE
Project No.	117880	Status A2
BIM No.	A96PHF-MMS-EGN-00000-DR-GS-00040	

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- Legend**
- 500m Buffer
  - Phase 1 Target Notes
- Phase 1 Habitats**
- A1.1.1 - Broadleaved woodland - semi-natural
  - A1.1.2 - Broadleaved woodland - plantation
  - A1.2.1 - Coniferous woodland - semi-natural
  - A1.2.2 - Coniferous woodland - plantation
  - A1.3.1 - Mixed woodland - semi-natural
  - A1.3.2 - Mixed woodland - plantation
  - A2.1 - Scrub - dense/continuous
  - A2.2 - Scrub - scattered
  - A3.1 - Broadleaved Parkland/scattered trees
  - A3.2 - Coniferous Parkland/scattered trees
  - A3.3 - Mixed Parkland/scattered trees
  - A4.2 - Coniferous woodland - recently felled
  - A4.3 - Mixed woodland - recently felled
  - B1.2 - Acid grassland - semi-improved
  - B2.1 - Neutral grassland - unimproved
  - B2.2 - Neutral grassland - semi-improved
  - B4 - Improved grassland
  - B5 - Marsh/marshy grassland
  - SI - 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
  - D5 - Dry heath/acid grassland
  - E1.7 - Wet modified bog
  - F1 - Swamp
  - F2.2 - Marginal and inundation - inundation vegetation
  - G1.2 - Standing water - mesotrophic; G2.2 - Running water - mesotrophic
  - G1 - Standing water; G2 - Running water
  - I1.1.1 - Inland cliff - acid/neutral
  - I2.1 - Quarry
  - J1.2 - Cultivated/disturbed land - amenity grassland
  - J1.4 - Introduced shrub
  - J2.1.2 - Intact hedge - species-poor
  - J2.2.1 - Defunct hedge - native species-rich
  - J2.2.2 - Defunct hedge - species-poor
  - J2.3.2 - Hedge with trees - species-poor
  - J4 - Bare ground

Notes: - In order to improve clarity, linear (including hedges, banks, ditches) and point features have been omitted  
 - Confidential Badger data has been omitted



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**Mott MacDonald Sweco**



Project: **A96 Dualling Hardmuir to Fochabers**

Drawing Title: **Figure 18.2c Phase 1 Habitat Survey Hillhead to Lhanbryde - North Option**

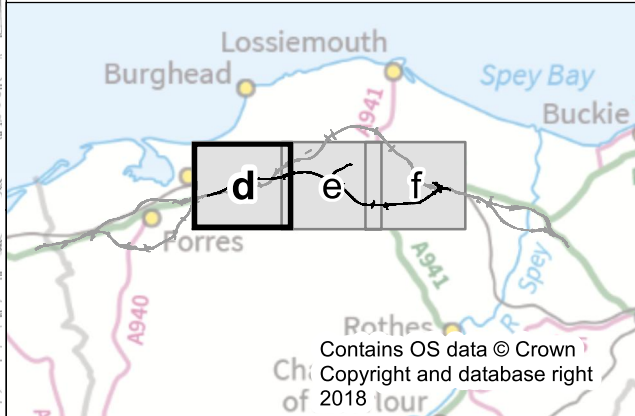
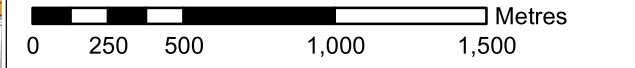
Scale @ A3	1:25,000	DO NOT SCALE
Project No.	117880	Status A2
BIM No.	A96PHF-MMS-EGN-00000-DR-GS-00040	

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- Legend**
- 500m Buffer
  - Phase 1 Target Notes
- Phase 1 Habitats**
- A1.1.1 - Broadleaved woodland - semi-natural
  - A1.1.2 - Broadleaved woodland - plantation
  - A1.2.1 - Coniferous woodland - semi-natural
  - A1.2.2 - Coniferous woodland - plantation
  - A1.3.1 - Mixed woodland - semi-natural
  - A1.3.2 - Mixed woodland - plantation
  - A2.1 - Scrub - dense/continuous
  - A2.2 - Scrub - scattered
  - A3.1 - Broadleaved Parkland/scattered trees
  - A3.2 - Coniferous Parkland/scattered trees
  - A3.3 - Mixed Parkland/scattered trees
  - A4.2 - Coniferous woodland - recently felled
  - A4.3 - Mixed woodland - recently felled
  - B1.2 - Acid grassland - semi-improved
  - B2.1 - Neutral grassland - unimproved
  - B2.2 - Neutral grassland - semi-improved
  - B4 - Improved grassland
  - B5 - Marsh/marshy grassland
  - SI - 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
  - D5 - Dry heath/acid grassland
  - E1.7 - Wet modified bog
  - F1 - Swamp
  - F2.2 - Marginal and inundation - inundation vegetation
  - G1.2 - Standing water - mesotrophic; G2.2 - Running water - mesotrophic
  - G1 - Standing water; G2 - Running water
  - I1.1.1 - Inland cliff - acid/neutral
  - I2.1 - Quarry
  - J1.2 - Cultivated/disturbed land - amenity grassland
  - J1.4 - Introduced shrub
  - J2.1.2 - Intact hedge - species-poor
  - J2.2.1 - Defunct hedge - native species-rich
  - J2.2.2 - Defunct hedge - species-poor
  - J2.3.2 - Hedge with trees - species-poor
  - J4 - Bare ground

Notes: - In order to improve clarity, linear (including hedges, banks, ditches) and point features have been omitted  
 - Confidential Badger data has been omitted



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**Mott MacDonald Sweco**

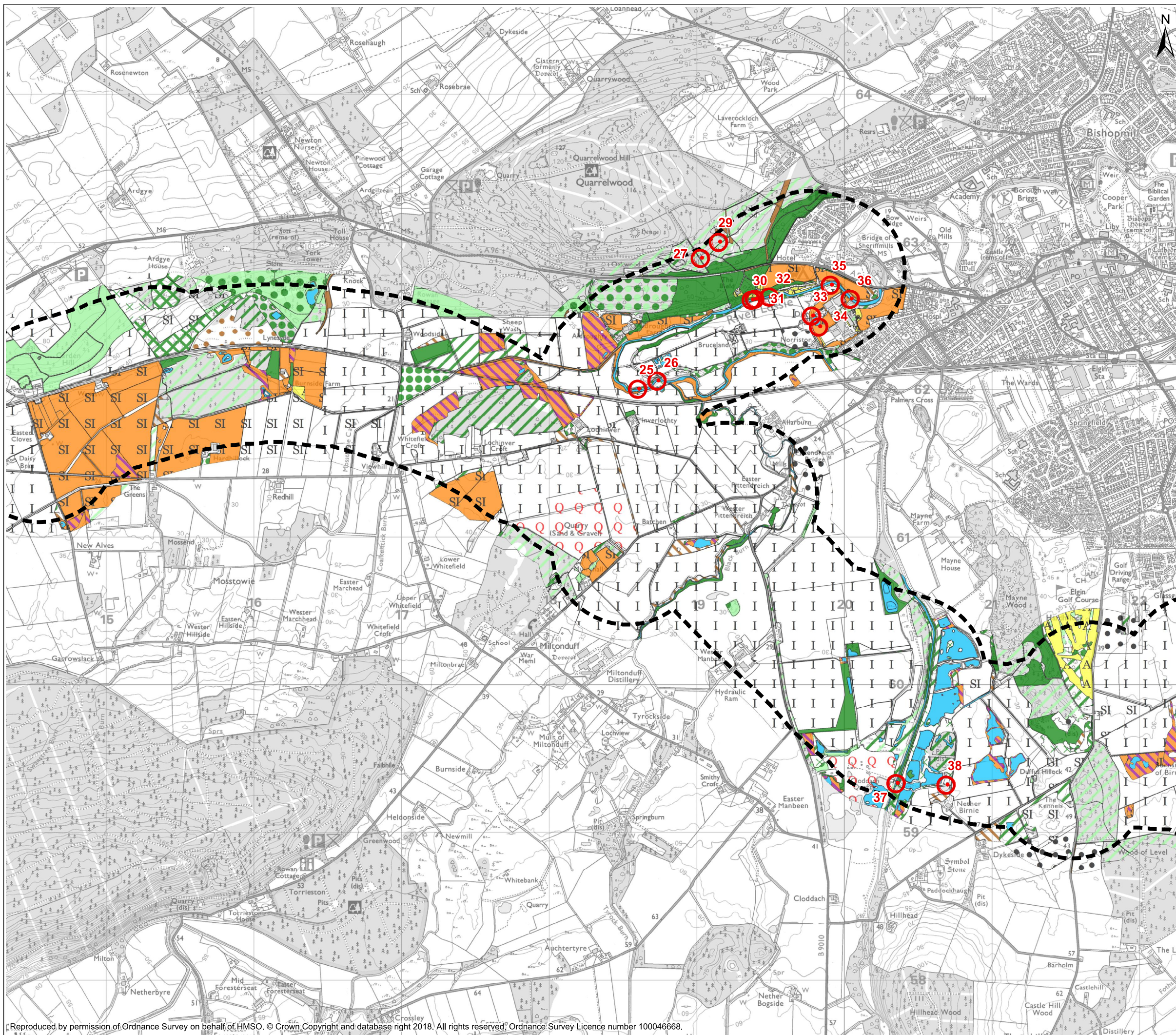


**Project**  
 A96 Dualling  
 Hardmuir to Fochabers

**Drawing Title**  
 Figure 18.2d Phase 1 Habitat Survey  
 Hillhead to Lhanbryde - South Option

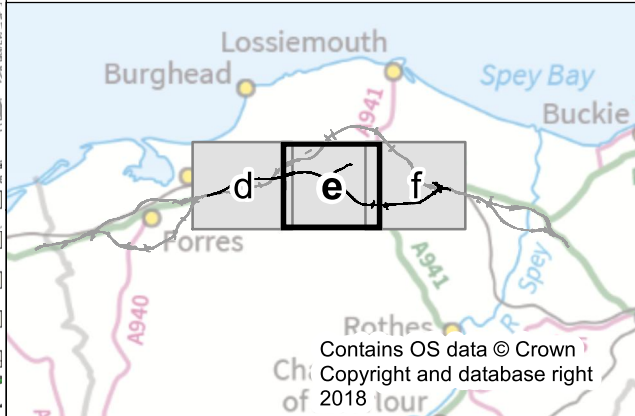
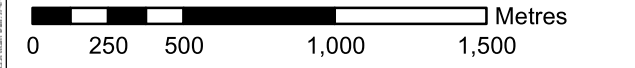
Scale @ A3	1:25,000	DO NOT SCALE
Project No.	117880	Status
BIM No.	A96PHF-MMS-EGN-00000-DR-GS-00040	

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- Legend**
- 500m Buffer
  - Phase 1 Target Notes
  - Phase 1 Habitats**
  - A1.1.1 - Broadleaved woodland - semi-natural
  - A1.1.2 - Broadleaved woodland - plantation
  - A1.2.1 - Coniferous woodland - semi-natural
  - A1.2.2 - Coniferous woodland - plantation
  - A1.3.1 - Mixed woodland - semi-natural
  - A1.3.2 - Mixed woodland - plantation
  - A2.1 - Scrub - dense/continuous
  - A2.2 - Scrub - scattered
  - A3.1 - Broadleaved Parkland/scattered trees
  - A3.2 - Coniferous Parkland/scattered trees
  - A3.3 - Mixed Parkland/scattered trees
  - A4.2 - Coniferous woodland - recently felled
  - A4.3 - Mixed woodland - recently felled
  - B1.2 - Acid grassland - semi-improved
  - B2.1 - Neutral grassland - unimproved
  - 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
  - D5 - Dry heath/acid grassland
  - E1.7 - Wet modified bog
  - F1 - Swamp
  - F2.2 - Marginal and inundation - inundation vegetation
  - G1.2 - Standing water - mesotrophic; G2.2 - Running water - mesotrophic
  - G1 - Standing water; G2 - Running water
  - I1.1.1 - Inland cliff - acid/neutral
  - I2.1 - Quarry
  - J1.2 - Cultivated/disturbed land - amenity grassland
  - J1.4 - Introduced shrub
  - J2.1.2 - Intact hedge - species-poor
  - J2.2.1 - Defunct hedge - native species-rich
  - J2.2.2 - Defunct hedge - species-poor
  - J2.3.2 - Hedge with trees - species-poor
  - J4 - Bare ground

Notes: - In order to improve clarity, linear (including hedges, banks, ditches) and point features have been omitted  
 - Confidential Badger data has been omitted



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Rev.	Rev. Date	Drawing Suitability	Drawn	Appr'd

**Mott MacDonald Sweco**

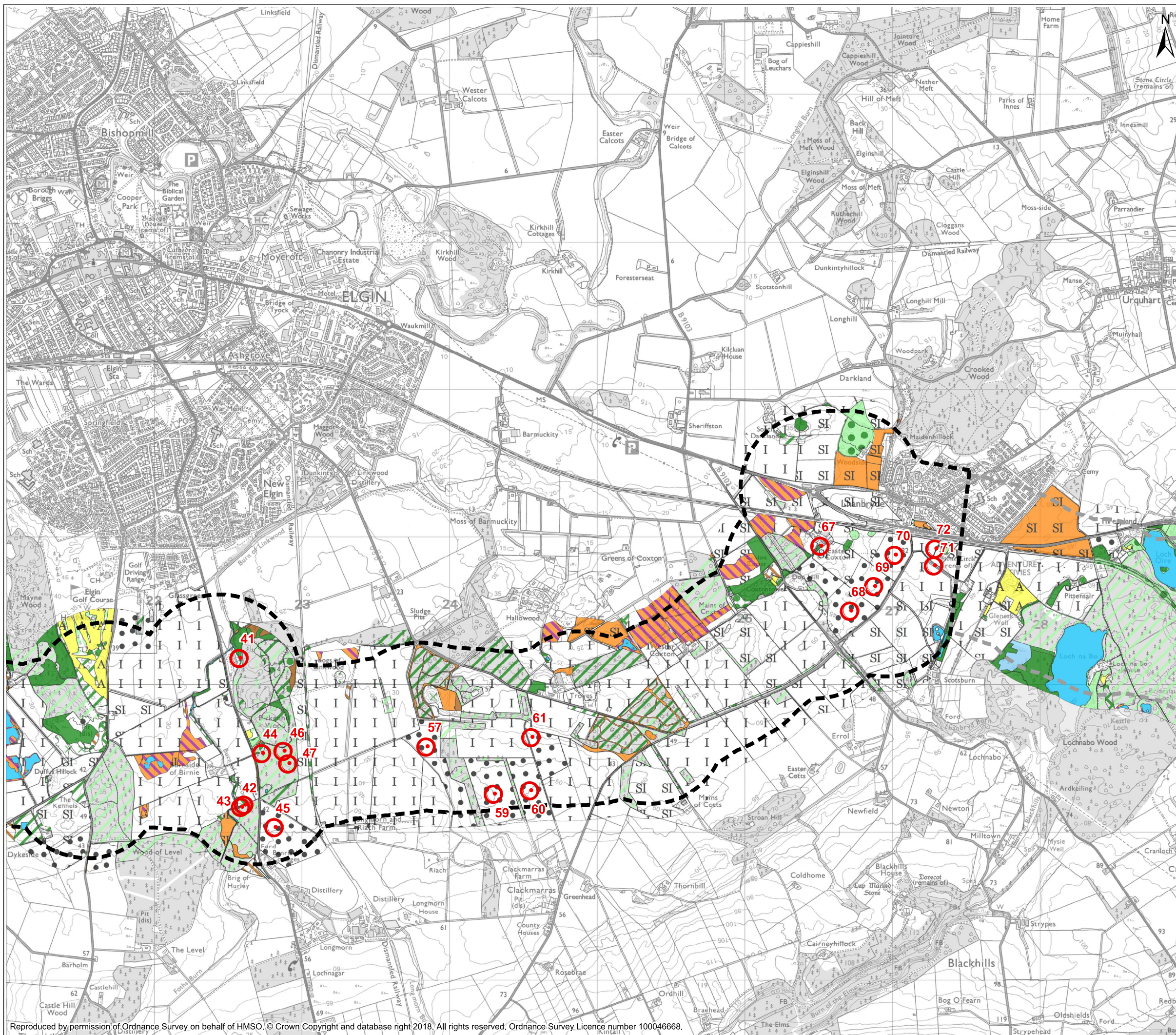


Project  
**A96 Dualling  
 Hardmuir to Fochabers**

Drawing Title  
**Figure 18.2e Phase 1 Habitat Survey  
 Hillhead to Lhanbryde - South Option**

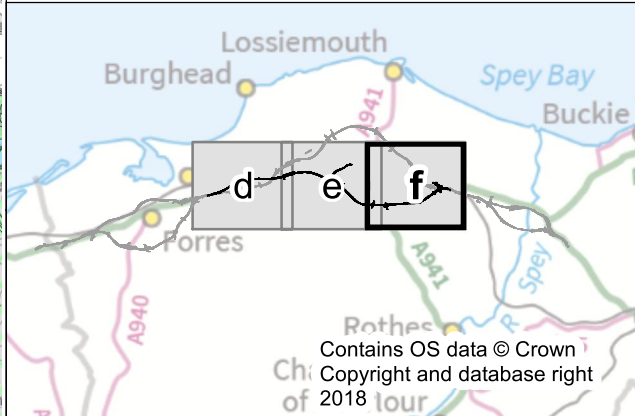
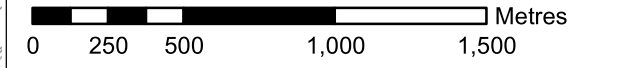
Scale @ A3	1:25,000	DO NOT SCALE
Project No.	117880	Status A2
BIM No.	A96PHF-MMS-EGN-00000-DR-GS-00040	

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- Legend**
- 500m Buffer
  - Phase 1 Target Notes
- Phase 1 Habitats**
- A1.1.1 - Broadleaved woodland - semi-natural
  - A1.1.2 - Broadleaved woodland - plantation
  - A1.2.1 - Coniferous woodland - semi-natural
  - A1.2.2 - Coniferous woodland - plantation
  - A1.3.1 - Mixed woodland - semi-natural
  - A1.3.2 - Mixed woodland - plantation
  - A2.1 - Scrub - dense/continuous
  - A2.2 - Scrub - scattered
  - A3.1 - Broadleaved Parkland/scattered trees
  - A3.2 - Coniferous Parkland/scattered trees
  - A3.3 - Mixed Parkland/scattered trees
  - A4.2 - Coniferous woodland - recently felled
  - A4.3 - Mixed woodland - recently felled
  - B1.2 - Acid grassland - semi-improved
  - B2.1 - Neutral grassland - unimproved
  - B2.2 - Neutral grassland - semi-improved
  - B4 - Improved grassland
  - B5 - Marsh/marshy grassland
  - SI - 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
  - D5 - Dry heath/acid grassland
  - E1.7 - Wet modified bog
  - F1 - Swamp
  - F2.2 - Marginal and inundation - inundation vegetation
  - G1.2 - Standing water - mesotrophic; G2.2 - Running water - mesotrophic
  - G1 - Standing water; G2 - Running water
  - I1.1.1 - Inland cliff - acid/neutral
  - I2.1 - Quarry
  - J1.2 - Cultivated/disturbed land - amenity grassland
  - J1.4 - Introduced shrub
  - J2.1.2 - Intact hedge - species-poor
  - J2.2.1 - Defunct hedge - native species-rich
  - J2.2.2 - Defunct hedge - species-poor
  - J2.3.2 - Hedge with trees - species-poor
  - J4 - Bare ground

Notes: - In order to improve clarity, linear (including hedges, banks, ditches) and point features have been omitted  
 - Confidential Badger data has been omitted



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Rev.	Rev. Date	Drawing Suitability	Drawn	Appr'd

**Mott MacDonald Sweco**



Project  
**A96 Dualling  
 Hardmuir to Fochabers**

Drawing Title  
**Figure 18.2f Phase 1 Habitat Survey  
 Hillhead to Lhanbryde - South Option**

Scale @ A3	1:25,000	DO NOT SCALE
Project No.	117880	Status A2
BIM No.	A96PHF-MMS-EGN-00000-DR-GS-00040	

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