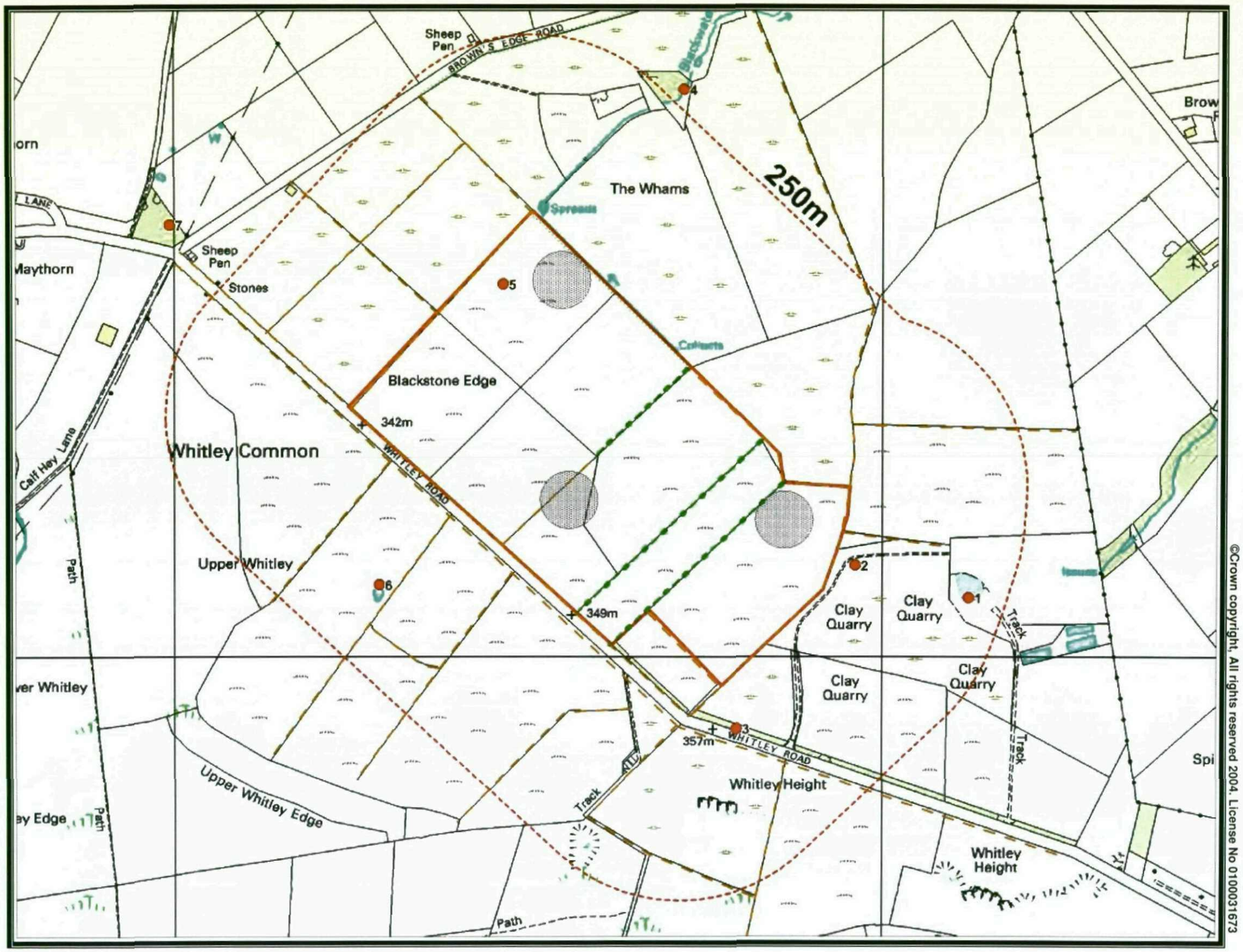


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Figure 8.1. Phase 1 Habitat Survey of site and 250m buffer

Legend

- Site boundary
- Site buffer (250m)
- Target notes
- Turbines (swept area)
- Grassland (improved)
- Grassland (semi-improved)
- Tree-line
- Hedgerow
- Dry-stone wall
- Standing water

Target Notes

1. Pond within disused quarry
2. Track within disused quarry with banks supporting potentially species-rich grassland (dominated by Crested Dog's-tail, Sweet Vernal Grass, Yorkshire Fog, Tufted Hair-grass and Red Fescue).
3. Planted strip of semi-mature trees (commonest species being Sycamore, Beech, Common Birch, Rowan and Field Maple).
4. Small copse dominated by Common Birch
5. Former pond, now dry depression
6. Poor quality, shallow, muddy pool used by Mallards and livestock within intensive grassland
7. Small, semi-mature broad-leaf copse

Note: not to scale



Figure 8.2. Location of statutory designated wildlife sites

Legend

- Site boundary
- Site buffers
- Site of Special Scientific Interest (SSSI)
- Special Area of Conservation (SAC)
- Special Protection Area (SPA)

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Note: not to scale

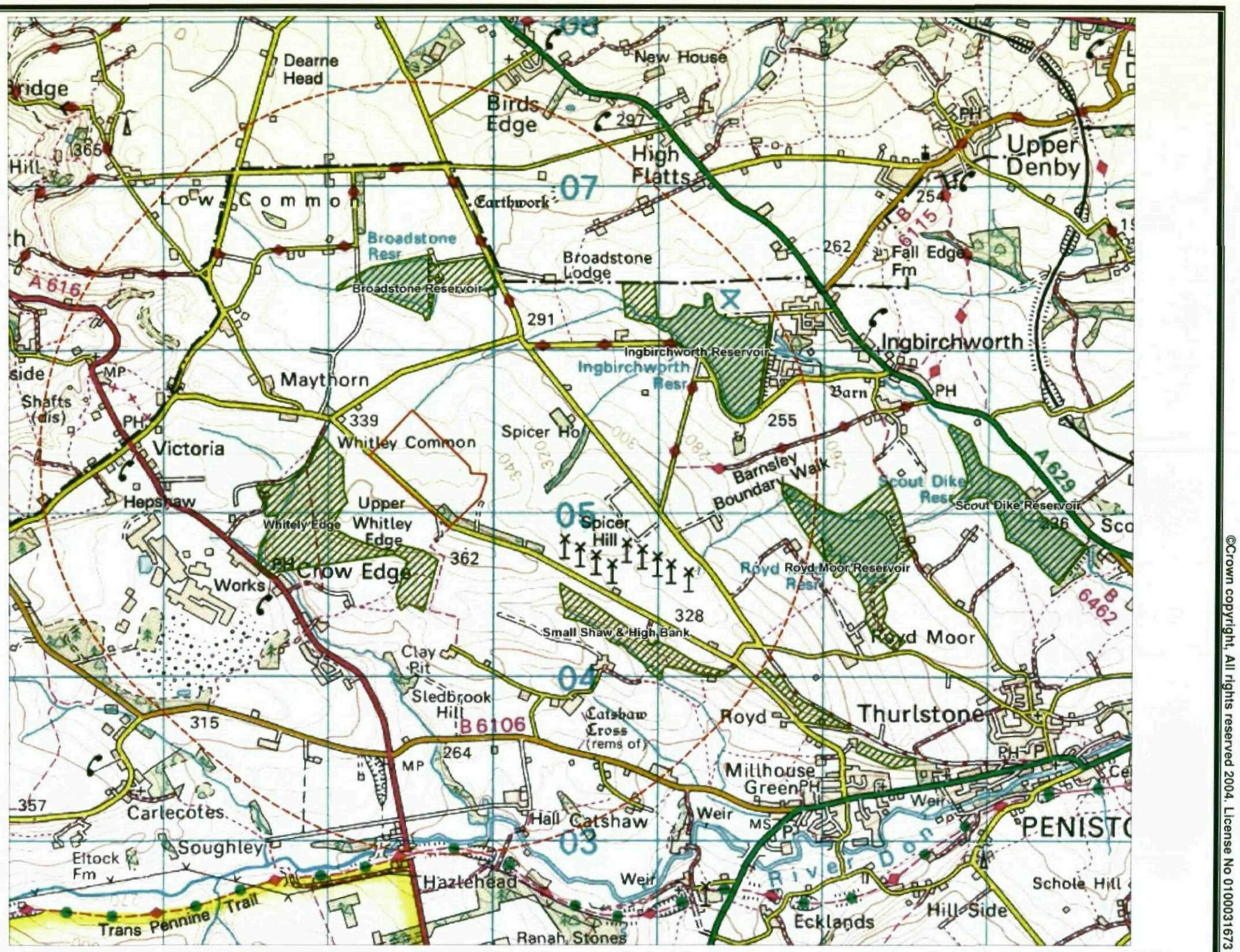


Figure 8.3. Location of non-statutory wildlife sites

Legend

- Site boundary
- Site buffer (2km)
- Natural Heritage Sites

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Note: not to scale

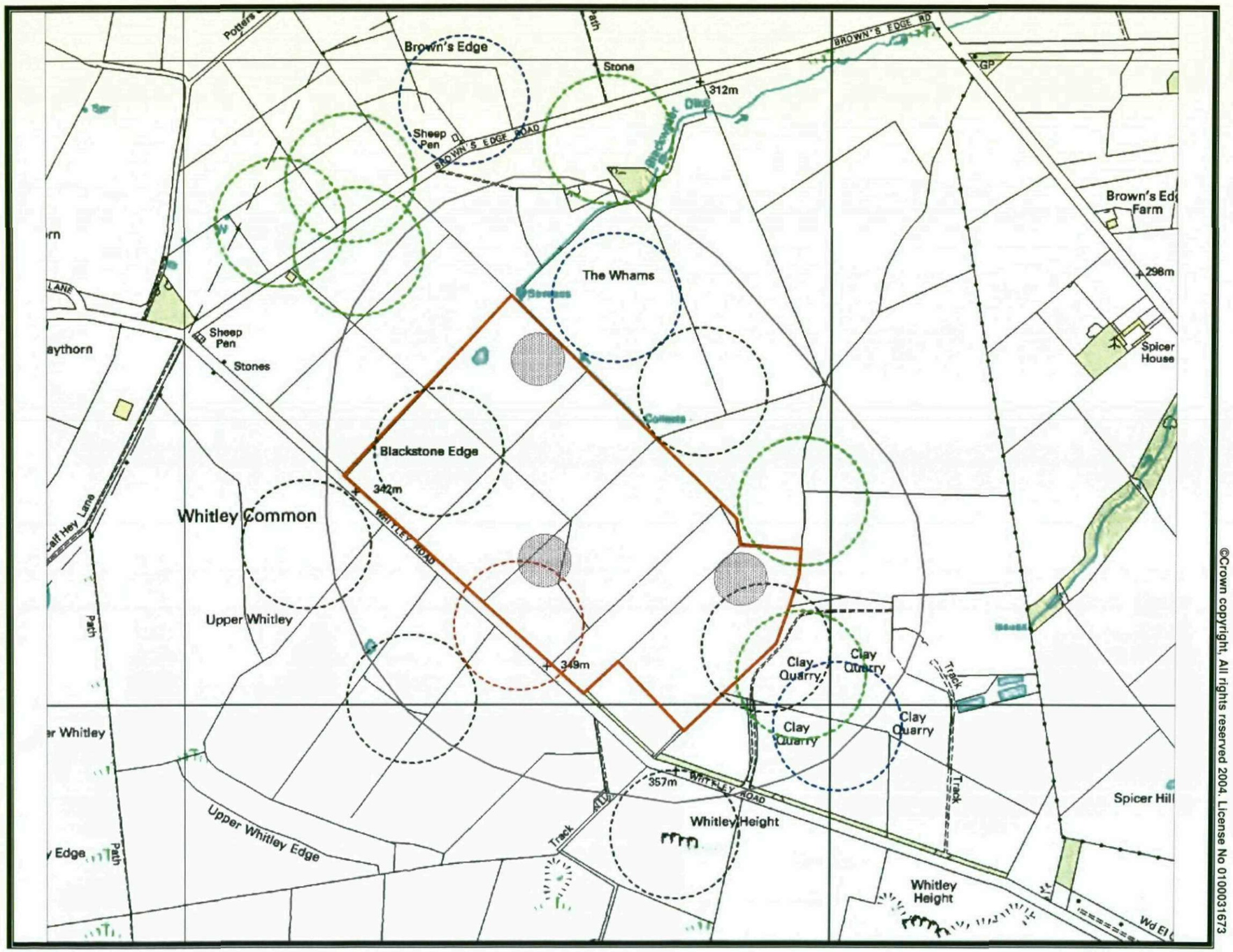


Figure 8.4. Location of territories of breeding birds of significance and the estimated 45 dB noise contour from the operational turbines

Legend

- Lapwing
- Skylark
- Curlew
- Linnet
- 45 dB contour when turbines operating at 8 m/s
- Site boundary
- Turbines (swept area)

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Note: not to scale

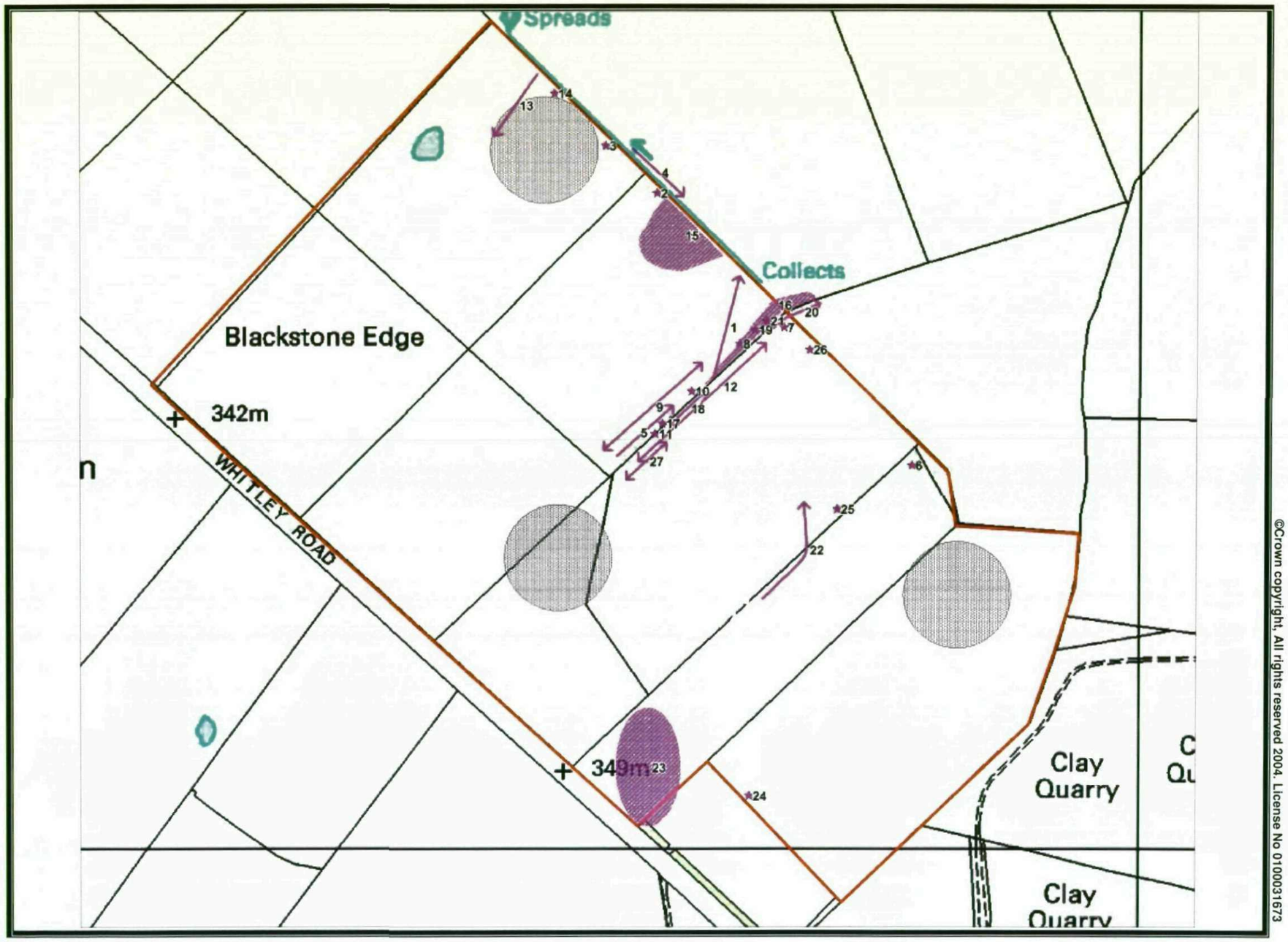


Figure 8.5. Location of bat activity (cross-reference with Table 8.4)

Legend

- Site boundary
- Turbines (sw ept area)
- Bat detection (unseen)
- Single bat passage
- Repeated bat passage
- Concentrated bat flight activity

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Note: not to scale

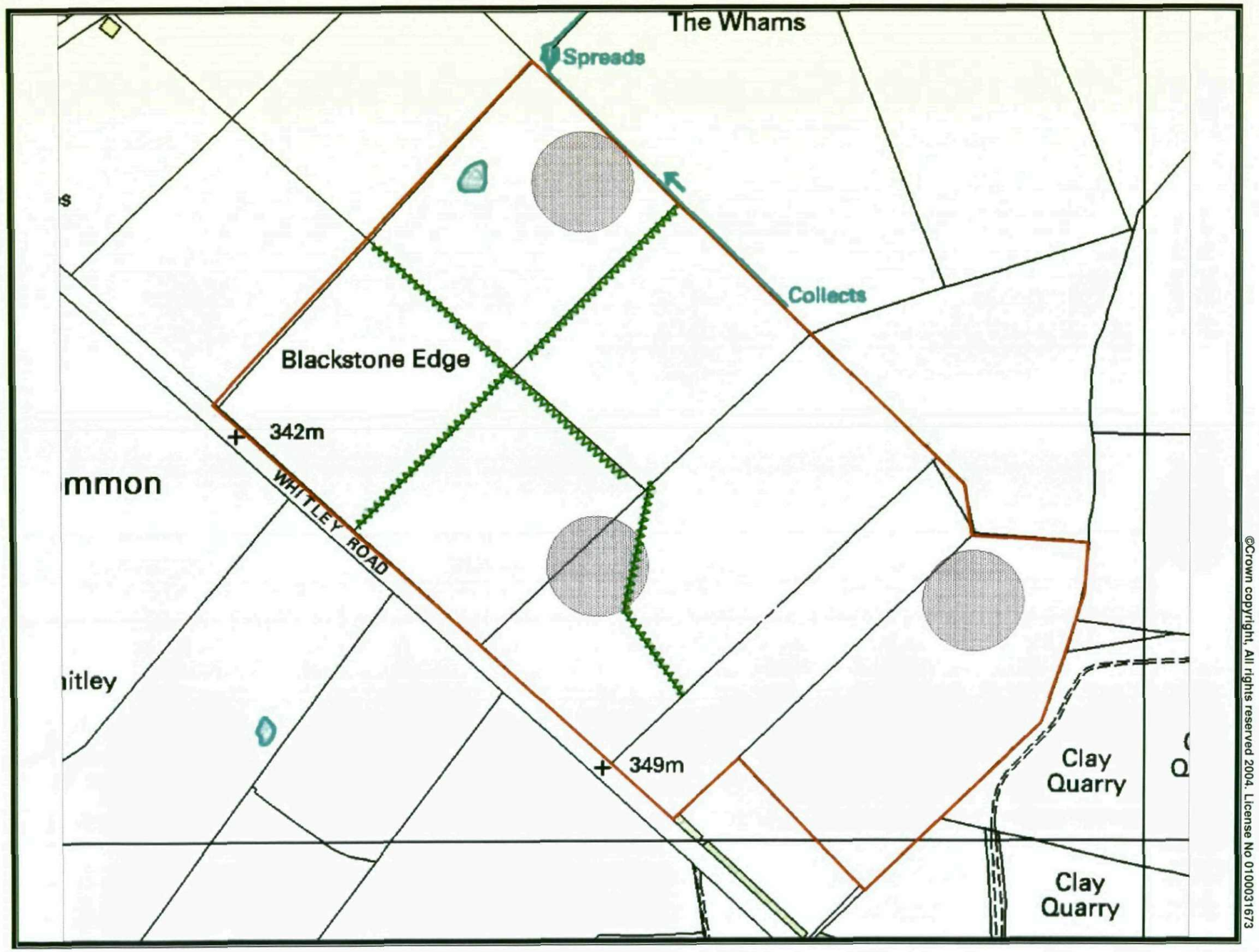


Figure 8.6. Approximate location of new species-rich hedgerows

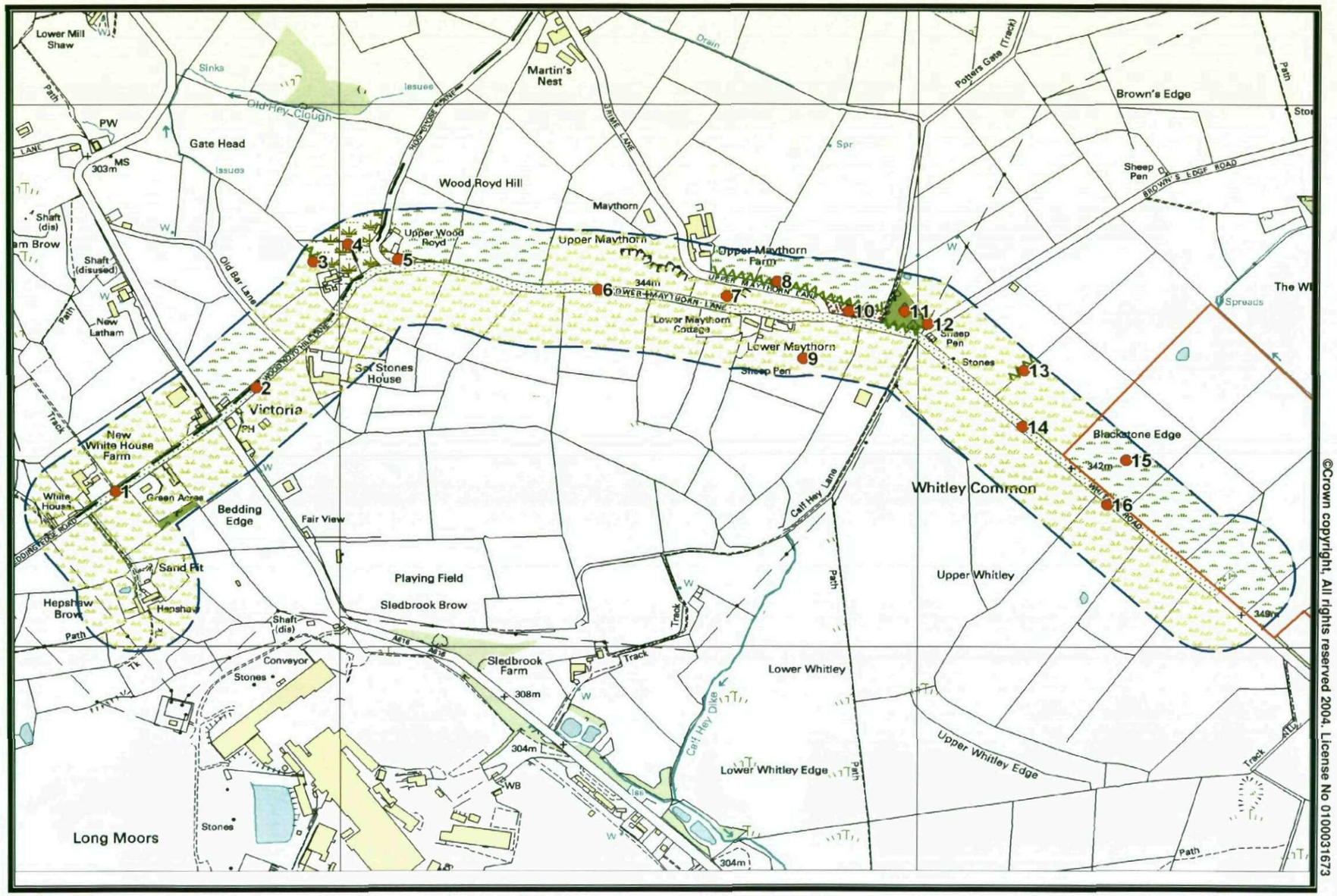
Legend

- Site boundary
- Turbines (swept area)
- New species-rich hedgerow

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Note: not to scale

Figure 8.7. Phase 1 Habitat Survey of proposed grid connection route



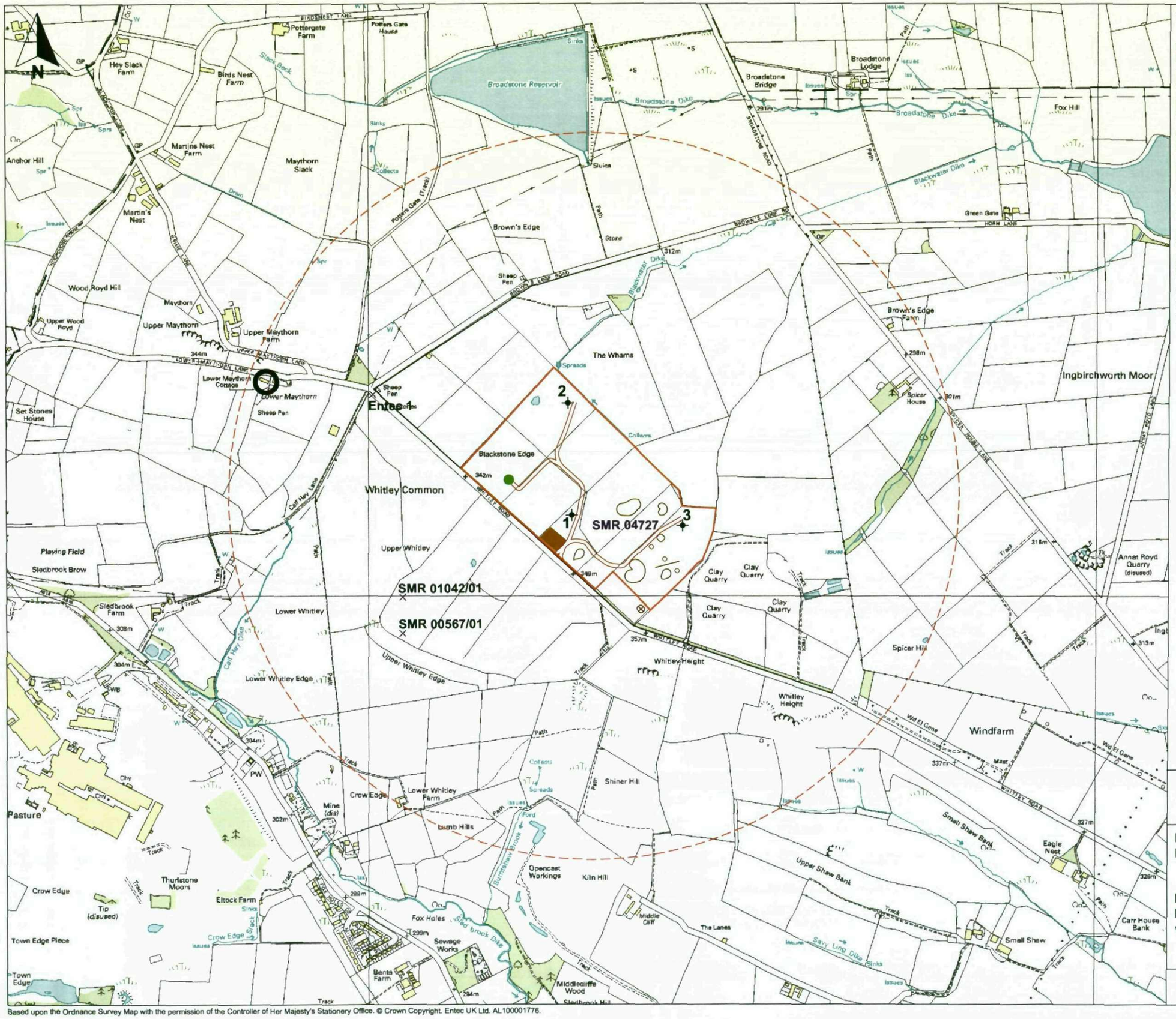
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Legend

- Target notes
- Hedgerows
- Grassland (improved)
- Grassland (semi-improved)
- Woodland (deciduous)
- Spoil
- Grassland (species-rich)
- Buffer (100m)
- Grid connection route
- Site boundary

Note: not to scale

Target Notes: (1) Semi-improved grass road verges <1m at each side of road along Bedding Edge Road. Species along entire route include *Trifolium repens, Digitalis purpurea, Rubus fruticosus agg. Stellaria media, Rumex crispus, Rumex obtusifolius, Narcissus sp. Taraxacum officinale agg. Viccia sativa, Ranunculus repens, Cirsium vulgare, Cirsium arvense, Festuca rubra, Deschampsia cespitosa, Lolium perenne, Plantago major, Anthriscus sylvestris, Rumex acetosa, Cardamine flexuosa, Arrhenatherum elatius, Dactylis glomerata, Holcus lanatus, Tussilago farfara, Lamium purpureum, Achillea millefolium, Cerastium fontanum, Heracleum sphondyllium Urtica dioica* and *Ranunculus ficaria*; (2) Semi-improved grass road verges <1m at each side of road along Wood Royd Hill Lane; (3) Line of Scots Pine along wall; (4) Species-rich grassland dominated in parts by *Deschampsia flexuosa*, with wetter areas dominated by *Holcus lanatus, Juncus effusus* and *Deschampsia cespitosa*. Also present are *Senecio jacobaea, Plantago lanceolata, Hypochaeris radicata, Rumex acetosa, Galium saxatile* and scattered *Vaccinium myrtillus*; (5) Species-rich grassland on steep slope with *Deschampsia flexuosa* dominant, scattered *Cytisus scoparius, Ulex europaeus* and *Vaccinium myrtillus*, and abundant *Teucrium scorodonia* and *Galium saxatile* throughout slope. Garden escapes *Berberis darwinii* and *Spiraea* sp. at top of slope near adjoining garden; (6) Semi-improved grass road verges non-existent or <1m at each side of road along Lower Maythorn Lane; (7) Narrow area of ungrazed land surrounded by post and barbed-wire fence; (8) Newly-planted Hawthorn hedge; (9) Area of ungrazed grassland with tussocks of coarse grasses, *Juncus* and scattered *Cytisus*; (10) Steep slope from road with manure dump on flat area at top; (11) Small area of woodland consisting of Sycamore and Alder. Shallow, ephemeral pond in middle of trees, drying up in April (10cm of water). *Ranunculus repens, Deschampsia cespitosa* and *Holcus lanatus* growing in mud; (12) Hawthorn hedge along front of woodland; (13) Line of mature Hawthorn; (14) Semi-improved grass road verges 1-2m at each side of road along Whitley Road; (15) Improved grassland with approx. 90% *Lolium perenne* coverage; (16) small section of ditch holding water and containing *Ranunculus acris, Glyceria* sp., *Lemna minor* and *Epilobium hirsutum*.



Key

- Site boundary
- Study area
- Proposed location of turbines
- Approximate location of World War II bomb decoy features
- Cultural Heritage Feature
- Lower Maythorn Farmhouse and Barn - Listed building
- *Anemometer mast*
- Access track

WT1: 419565, 405226
WT2: 419555, 405538
WT3: 419868, 405197

0 m — 500 m

Scale 1:10,000 @ A3

e·on

Blackstone Edge Wind Farm
Design & Access Statement

Figure 9.1
Features of Cultural Heritage Interest within the Site and Study Area

January 2008
19569-A30a.dwg smitv

Entec

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