

**Appendix 1 – Extended Phase 1 Habitat Survey Map**

**Extended Phase 1 Habitat Survey Map**

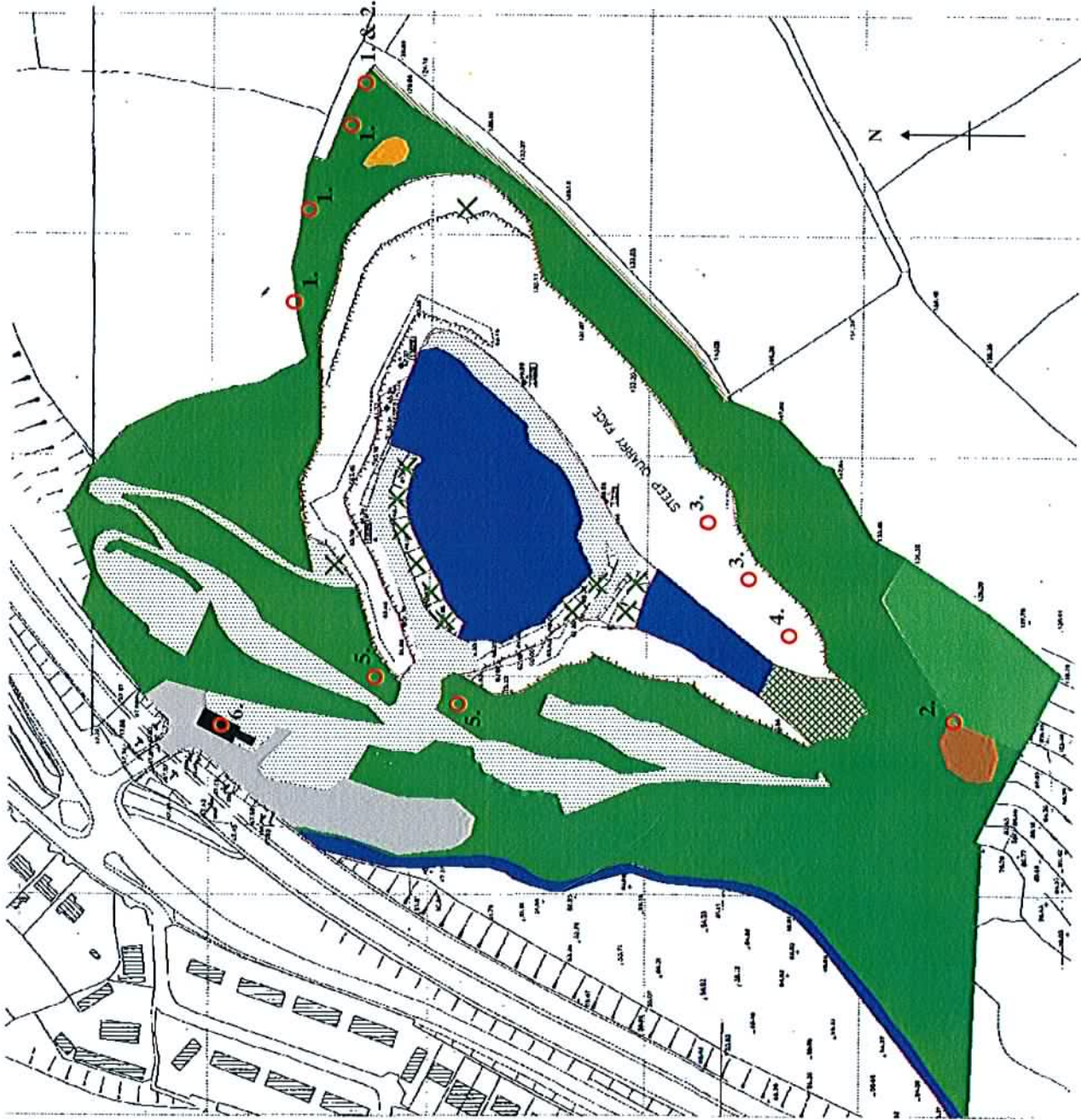
Client:	Sam Gilpin Demolition Ltd
Site:	Whitecleaves Quarry
Drawing No:	07/133a-01
Scale:	DNS
Date:	February 2008
Drawn by:	AC
Checked by:	KJ

Code	Feature
[Dotted pattern]	Bare ground
[Orange fill]	Bracken
[Black fill]	Building
[Grey fill]	Hard standing
[Blue fill]	Running water
[Green circle]	Scattered tree, conifer
[Cross-hatch pattern]	Scrub, continuous
[X symbol]	Scrub, scattered
[Orange fill]	Semi-improved grassland
[Blue fill]	Standing water
[Diagonal lines]	Tall ruderal
[Red circle]	Target Note
[Green fill]	Woodland, broadleaved
[Light green fill]	Woodland, mixed

**Target Notes:**

1. Badger sett
2. Badger latrine
3. Potential peregrine roost
4. Potential peregrine nesting site
5. Potential dormouse habitat to be disturbed
6. Potential bat roosting building

NB. This map is not definitive



**Appendix 2 – Greater Horseshoe Bat Activity Overview Map**

**Greater Horseshoe Bat Activity Overview Map**

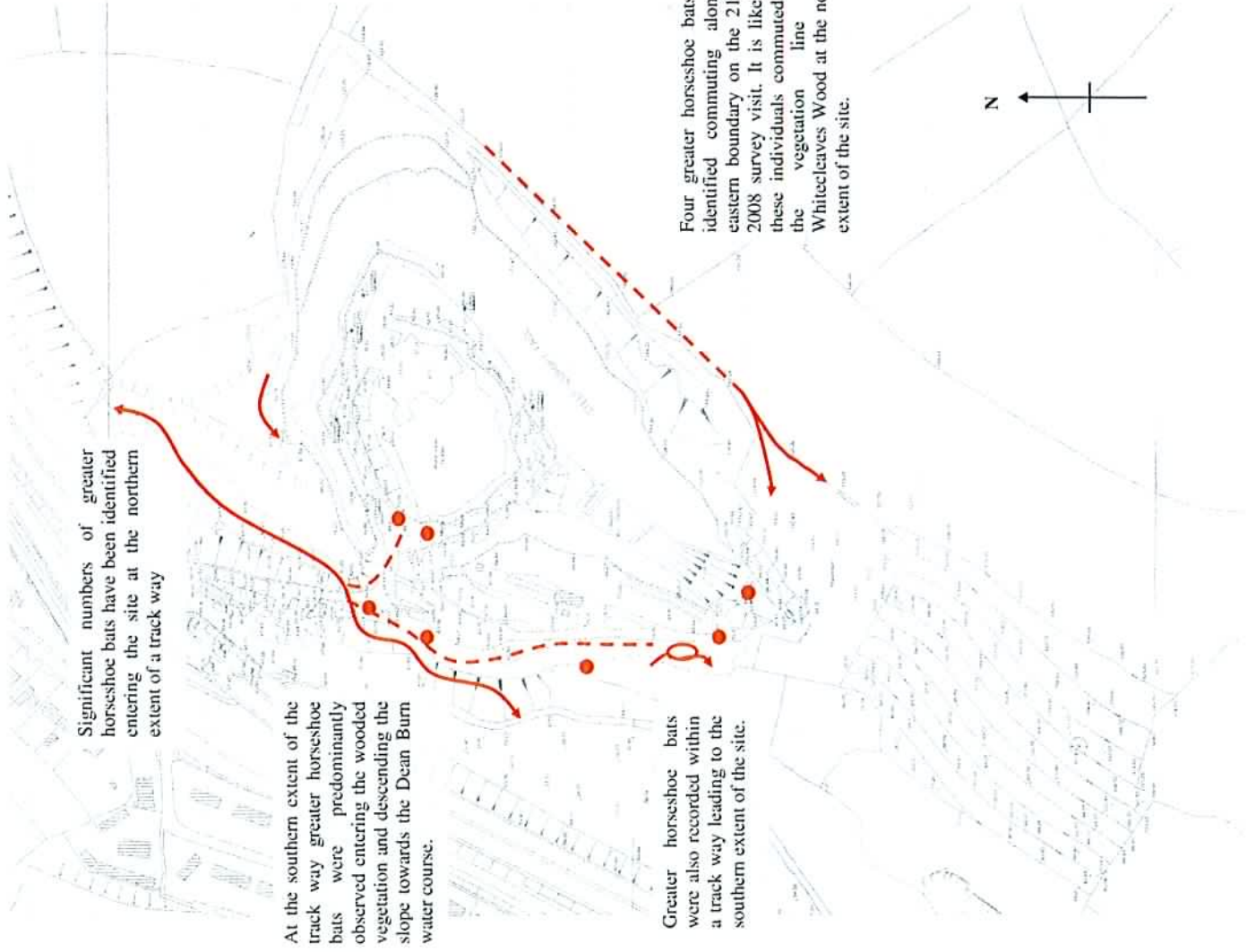
Client:	Sam Gilpin Demolition Ltd
Site:	Whitecleaves Quarry
Drawing No:	08/003-12
Scale:	DNS
Date:	October 2008
Drawn by:	AC
Checked by:	KJ

**Key**

Code	Feature
—	Observed greater horseshoe bat flight lines
●	Position of recorded greater horseshoe bat echo-location calls
- - - - -	Likely greater horseshoe bat flight lines

**This map is not definitive**

Likely flight lines represent probable flight routes linking the observed flight lines and positions of recorded greater horseshoe bat echo-location calls.



Significant numbers of greater horseshoe bats have been identified entering the site at the northern extent of a track way

At the southern extent of the track way greater horseshoe bats were predominantly observed entering the wooded vegetation and descending the slope towards the Dean Burn water course.

Greater horseshoe bats were also recorded within a track way leading to the southern extent of the site.

Four greater horseshoe bats were identified commuting along the eastern boundary on the 21<sup>st</sup> July 2008 survey visit. It is likely that these individuals commuted along the vegetation line from Whitecleaves Wood at the northern extent of the site.



**Appendix 3 – Mitigation Plan**



**Mitigation Map**

Client:	Sam Gilpin Demolition Ltd
Site:	Whitecleaves Quarry
Drawing No:	08/163-01
Scale:	DNS
Date:	February 2009
Drawn by:	AC
Checked by:	KJ

Artificial lighting should be restricted along identified greater horseshoe bat flight lines, ensuring dark flight corridors associated with the vegetation edges and newly planted hedgebank.

Any blasting operations should be undertaken outside of the peregrine falcons nesting period which is typically March to August, although subject to variation. In addition if any extensive blasting operations are considered which may affect the cave systems of Potters Wood SSSI or Buckfast Caves SSSI should be undertaken outside of the bat maternity and hibernation periods which are typically May to August, and November to February, respectively.

Bat activity monitoring will be undertaken to ensure that the areas of retained vegetation, supplementary hedgebank planting and lighting restrictions are adequate to minimise impacts to the identified greater horseshoe bat commuting flight lines. Monitoring should comprise of two visits undertaken during the optimum bat activity period, June to August inclusively.

