



Bardon Hill Quarry Extension

From Design to Implementation

9th April 2014

Project background

- Consented extension to Bardon Hill Quarry, Leics.
- 66 ha extension, yielding 130 mT - “hard rock”
- Owned by Aggregate Industries UK Ltd (Holcim Group)
- 510 ha site consists mainly of low-intensity farmland, with some remnant lowland heath and ancient woodland (SSSI)
- Planning Consent in 2011.
- Implementation commenced in 2013.



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Project Number
403.0275.00089

Drawing Number
BAP/1

Date
OCT 2009

Revision

Scale
1:10K @ A3

Drawn By
TKS

Site
BARDON HILL QUARRY

Project
BIODIVERSITY ACTION PLAN

Title
BARDON ESTATE MANAGEMENT ZONES

Offset Analysis

- Losses and gains measured for all major habitat types at the site
- Metric: Area x condition
 - Condition subjectively assessed (hypothetical benchmark)
 - 5 classes (pristine to heavily degraded)
- Measured over fixed time period: 25 years
 - Is “no net loss” reached within 25 years?

3 types of potential biodiversity gains at Bardon Hill:

- “Restoration gains”
- “On-site offset gains”
- “Off-site offset gains”



Implementation



Hedgerow Translocation

Stream diversion and habitat creation

Grassland translocation

Ancient woodland soil translocation

25 Year Biodiversity Action Plan

Legally protected species - great crested newts, bats, badgers

Lichen translocation on stone blocks

Habitat creation and landscaping



Making a Success of NNL

- Committed, professional project team with all necessary disciplines engaged
- Realistic goals
- Realistic financing
- Commitment to long-term management
- Biodiversity embedded into project design and implementation

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