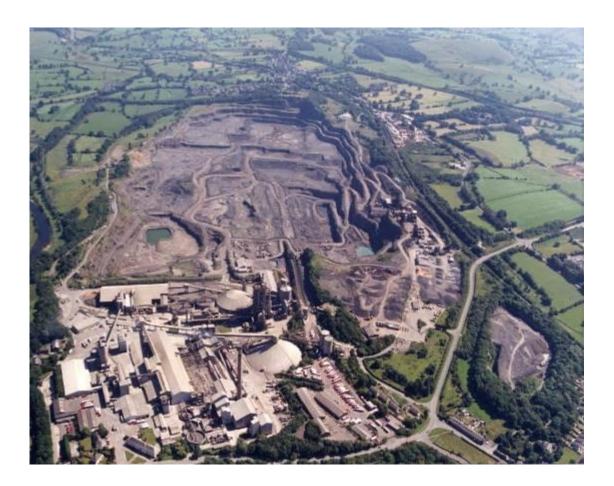


## Lanehead Quarry

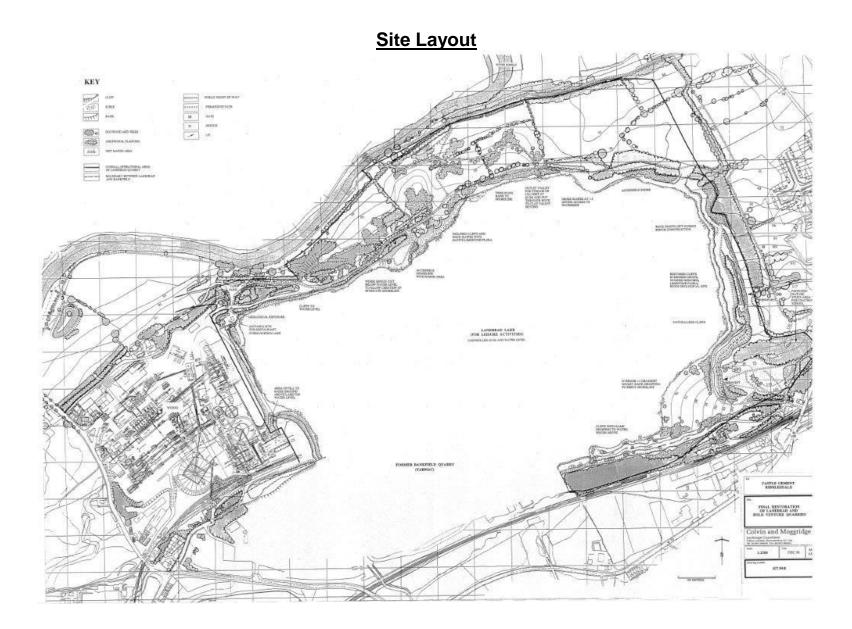
## **Site Biodiversity Action Plan**



Prepared: December 2011 Updated: December 2013

## Site Information- Lanehead

| Site Name and       | Lanehead quarry is located approximately 2 km to the north     |  |  |  |
|---------------------|--|--|--|--|
| Location            | east of Clitheroe, Lancashire.                                 |  |  |  |
|                     | Grid Ref – SD756438  |  |  |  |
| Hanson Company      | Hanson Cement  |  |  |  |
| BAP(s) that will be | UK BAP   |  |  |  |
| targeted            | Lancashire LBAP  |  |  |  |
| Habitat(s) to be    | Broadleaved and mixed woodlands                                |  |  |  |
| developed           | Calcareous grasslands  |  |  |  |
| _                   | Open water   |  |  |  |
| BAP species to be   | Mammals: Bats, Brown hare                                      |  |  |  |
| encouraged          | Birds: *Skylark, Lapwing, *Song thrush, *Reed bunting,         |  |  |  |
|                     | *Peregrine, Raven  |  |  |  |
|                     | * Red listed species   |  |  |  |
| Designated Natural  | Bowland Fringe and Pendle Hill/Forest of Bowland               |  |  |  |
| Area                | -  |  |  |  |
| Background and      | There are several geological SSSI's within 1km of the site,    |  |  |  |
| site description    | but none for biological interest.                              |  |  |  |
|                     | Within the boundary of the site habitats such as calcareous    |  |  |  |
|                     | grassland and plantation woodland can be found.                |  |  |  |
|                     | Species recorded on the site include badger, brown hare        |  |  |  |
|                     | and skylark  |  |  |  |
| National            | 4 Geological SSSI's  |  |  |  |
| Designations (SSSI, | Forest of Bowland AONB   |  |  |  |
| SAC, SPAs,          |  |  |  |  |
| RAMSARs and NPs)    |  |  |  |  |
| within 500m         |  |  |  |  |
| Resource            | Restoration budget.  |  |  |  |
| Requirements        |  |  |  |  |
| Contribution to     | Lanehead Quarry provides an opportunity to diversify           |  |  |  |
| biodiversity        | habitats that fringe the quarry to mitigate for habitats being |  |  |  |
|                     | lost to quarrying. Habitats to be created include, woodland,   |  |  |  |
|                     | species rich grassland and a large lake within the quarry      |  |  |  |
|                     | void with fringing marginal vegetation.                        |  |  |  |
|                     |  |  |  |  |
| Partners and Local  | Lancashire Wildlife Trust                                      |  |  |  |
| initiatives         |  |  |  |  |
| Other documents     | Site Restoration Plan  |  |  |  |
| supporting the site |  |  |  |  |
| BAP                 |  |  |  |  |



## Action Plan

| lte<br>m<br>No | Objective                                    | Biodiversity<br>Feature       | Targets                             | Tasks   | Assessing<br>Indicator        | Responsible<br>Person     | Timescale<br>(Completion) |
|----------------|--|-------------------------------|-------------------------------------|---|-------------------------------|---------------------------|---------------------------|
| 1              | Lanehead<br>biodiversity<br>Corner - Habitat | Pond<br>Woodland<br>Grassland | Maintain habitats and access routes | 1.Repair paths and<br>interpretation boards when<br>necessary | Land area<br>maintained (ha). | Site Manager<br>Landscape | Ongoing until<br>2033     |
|                | management of                                | Footpaths                     | Maintain pond in biodiversity       |   | Land area                     | Architect                 |                           |

|   | existing features                                   |   | corner<br>Extend biodiversity corner<br>through restoration of<br>adjacent quarry corner  | <ul><li>2.Manage pond habitats to prevent succession</li><li>3.Restoration and habitat creation</li></ul>                               | restored<br>Progress detailed<br>in annual report.  | Ecological<br>consultant                |                       |
|---|---|---|---|---|---|---|-----------------------|
| 2 | Maintenance of agricultural land                    | Permanent pasture   | Maintenance of resource   | 1.Promote environmentally<br>sensitive agriculture adjacent to<br>nature conservation areas   | Land within agri-<br>environment<br>schemes to<br>complement<br>nature<br>conservation<br>areas | Site Manager                            | Ongoing until<br>2033 |
| 3 | Habitat<br>management of<br>open water              | Open water, ponds   | To provide a range of pond<br>conditions for a range of<br>species  | 1.Periodic management of<br>ponds to maintain proportion of<br>open water/aquatic species and<br>marginal vegetation                    | Annual walkover<br>to assess pond<br>conditions. Annual<br>reporting.                           | Site Manager<br>Landscape<br>Architect. | Ongoing until<br>2033 |
| 4 | Calcareous<br>grassland                             | Long term aim to<br>revegetate benches<br>and create limestone<br>flora | Diverse range of conditions<br>along faces and benches<br>above water line  | 1.Ongoing restoration of quarry<br>benches  | Annual reporting  | Landscape<br>Architect.                 | Ongoing until<br>2033 |
| 5 | Habitat restoration<br>of woodland and<br>hedgerows | Broad leaved woodland<br>Hedgerows                                      | Maintain original woodland<br>area pre-quarrying<br>Ensure connectivity between<br>woodland blocks through<br>creation of hedgerows and<br>shelterbelts in agricultural<br>zone | <ul> <li>1.Woodland and hedgerow planting programme inc fencing</li> <li>2.Manage hedgerow development by cutting and laying</li> </ul> | Land area<br>maintained   | Site Manager<br>Landscape<br>Architect  | Ongoing until<br>2033 |
| 6 | Species<br>conservation and<br>management           | Peregrine and raven   | Maintain bird breeding<br>populations<br>Site to monitor protected<br>species every year.   | 1.Protect existing known<br>nests/habitats and limit<br>disturbance on site by making<br>site staff aware of habitat areas.             | Site Manager to<br>inform site staff<br>and contractors<br>working close to<br>habitat areas.   | Site Manager                            | Ongoing until<br>2033 |
| 7 | Communications and publicity                        | Encourage educational visits  | Local schools regard and use site as educational resource   | 1 or 2 open days or school<br>days/year   | No of colleges,<br>schools and<br>students visiting<br>site.                                    | Site Manager                            | Ongoing until<br>2033 |