**EIA Quality Mark Case Study**

**Slinter Top Quarry**

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<th>Key Issues:</th>
<th>Purpose of the project:</th>
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<td>Stephenson Halliday coordinated the EIA and produced the Environmental Statement to support the planning application for the extension to Slinter Top Quarry. The key issues in relation to the Proposal include the following:</td>
<td>Slinter Mining Limited are seeking planning consent for a proposed lateral extension and subsequent restoration at the currently operational Slinter Top Quarry, Derbyshire. Quarrying has taken place at Slinter Top Quarry for over 50 years, with the quarry being worked under a series of time limited permissions. The planning application seeks an extension to the operational phase in order to avoid the cessation of production and therefore a significant economic impact upon the Company.</td>
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**Ecology**<br>The Application Site lies adjacent to the Rose End Meadows Site of Special Scientific Interest (SSSI), with the Via Gelia Woodlands SSSI and the Peak District Dales Special Area of Conservation (SAC) located approximately 16m to the north. In addition, a proportion of the Application Site has been identified as a potential Local Wildlife Site.  

**Residential Amenity**<br>Although the Application Site is relatively removed from residential areas, the operation of the quarry has the potential to impact upon residential receptors within the wider vicinity of the Application Site, with particular reference to noise, air quality and visual amenity.  

**Description of the project:**<br>The Proposal comprised a lateral extension to the operational limestone quarry. Slinter Top Quarry currently produces circa 100,000 tonnes of minerals per annum. The extracted material consists of a combination of limestone and vein minerals which are in high demand due to their limited availability at a national level. The Proposal comprises a 3.9ha extension, of which 2.5ha would be utilised for extraction of approximately 1,435,000 tonnes of mineral and extend the mineral extraction operations by 14 years, with a further 2 years for restoration. The Application Site will be restored to a landform which integrates with the surrounding landscape, incorporating a roll-over feature on the southern boundary.
### EIA Learning Outcomes

**Lessons learnt:**

Key mitigation measures were identified in order to reduce the potential impact upon the neighbouring receptors, including the following:

#### Design

The extent of the extraction area was modified to avoid a direct impact upon the Rose End Meadows SSSI on the south western edge of the extension area. In addition, proposed soil storage areas were selected to avoid impacting upon the SSSI.

#### Dust Control Measures

Dust control measures were incorporated into the Proposal in order to reduce potential impacts upon the Rose End Meadows SSSI and the Via Gelia SSSI/ SAC. In addition, the proposed soil storage areas have been selected so as to avoid an impact on Rose End Meadows SSSI.

**Lessons learnt continued:**

The proposed restoration of the quarry replicated complementary land uses and strengthens the natural habitat diversity of the local area. One of the key aspects of the restoration scheme was the incorporation of an extensive roll-over feature. Roll-over features offer significant enhancement to the appearance of the top of the quarry and will improve, in a visual sense, integration with the adjacent areas, providing landscape character benefits.

The ES considered the likely environmental and local amenity effects of the Proposal and concluded that, subject to the imposition of conditions to secure appropriate mitigation measures, no significant environmental effects will arise. In terms of the main constraints, the assessments concluded that the Proposal would not affect any internationally, nationally or regionally important designations.

Moreover, the Proposal will bring about a number of environmental and socio-economic benefits, including meeting the need for nationally important vein minerals, benefits to the local economy from jobs and enhancements to the local landscape and ecology through the restoration proposals.

### Contact details

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