

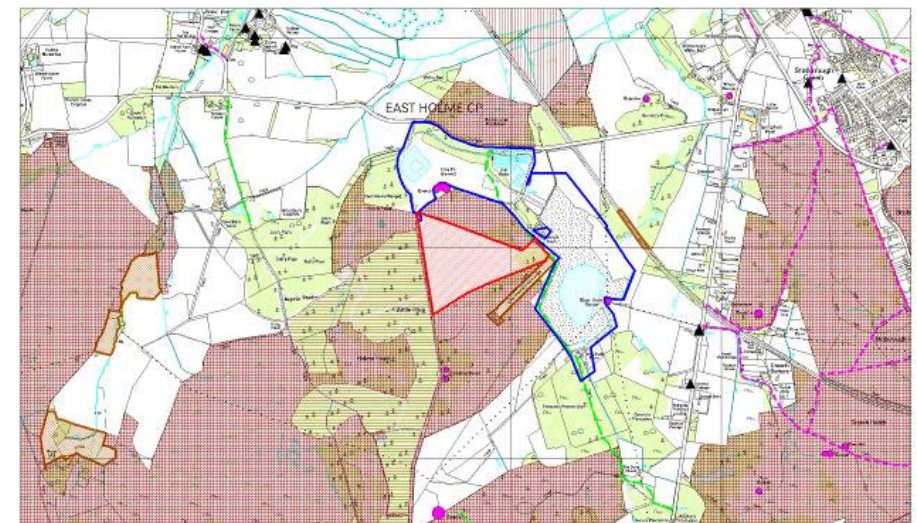
## Site Assessment Pro Forma: Doreys – Holme Heath BC05

<b>Site Information</b>	
Site Location	Holme Heath, Stoborough
Grid Reference	SY 909 849
Administrative Area	Purbeck District Council
Parish	East Holme CP
Site Nominee(s)	Imerys Minerals Limited
Agent	
Proposed development	Ball clay extraction (extension)
Site Area	14.2ha
Estimated annual output (tpa)	49,500
Estimated reserve	131,000 tonnes
Expected life of operation	2.6 years
Existing land use	Agriculture
Landscape character	Lowland Heathland
Proposed Restoration	Nature conservation (heathlands and grasslands)
Access	Via existing access onto Holme Road
Estimated Traffic Movements	c. 20-25 per day



BC05 - Holme Heath, Stoborough - Aerial view

Existing site with planning permission
  Site brought forward



BC05 - Holme Heath, Stoborough - with constraints

Site brought forwards
  Site with permission
  SNCI designations
  Ramsar designations
  SPA designations
  SAC designations
  Public Right of Way Footpath
  Public Right of Way Bridleway
  Scheduled Monument
  Listed building

NOTE: The entire area of this plan is within the Dorset AONB. All SAC, SPA and Ramsar designations are also SSSI designations.



## Site Assessment Pro Forma: Doreys – Holme Heath BC05

### Biodiversity.

#### Criterion C1 - Impact on European/international designations.

A

With European designated heathland almost entirely surrounding the proposed area it is difficult without any further information to come to any other conclusion than mineral extraction would be likely to have adverse effects on the designated areas. The existing field is being restored is currently acidic grassland and almost certainly contributes to supporting Annex I birds in the neighbouring designated areas. Further, the field drains from the south-east downslope to the north-west corner, where it feeds the mire system within the designated area; it would be almost impossible to adequately mitigate hydrological effects of extensive working in the field, and certainly impossible to recreate the complex natural topography which the field currently exhibits. Following detailed study, it might be possible to demonstrate no adverse effect on integrity of very limited working in the easternmost part of the field, where the land slopes to the east and water drains away from the mire.

Dorset County Council 25.10.13

#### Criterion C2 - Impact on areas used by Annex I bird species.

A

See comment under C1 above

Dorset County Council 25.10.13

#### Criterion C3 - Impact on national designations.

A

See comment under C1 above. A rich invertebrate assemblage is likely to be present in the field which helps to support the adjacent SSSI.

Dorset County Council 25.10.13

#### Criterion C4 - Impact on protected species.

A

The field is likely to support common protected reptiles throughout and may support European protected reptiles, Sand Lizard and Smooth Snake. The size of the population will determine how easy or difficult it is to achieve adequate mitigation and a disturbance licence from NE if required.

Dorset County Council 25.10.13

#### Criterion C5 - Impact on local recognitions/designations, including ancient woodland and veteran trees.

D

No comment.

Dorset County Council 25.10.13

## Site Assessment Pro Forma: Doreys – Holme Heath BC05

### Geodiversity

<b>Criterion C6 - Impact on geodiversity.</b>	<b>D</b>
No specific scientific gains or geodiversity enhancements are likely but the exposures may be of interest to the quaternary and tertiary research associations. Provision should be made so that it will be possible to arrange such visits on request.	
Dorset County Council 24.10.2013	

### Landscape

<b>Criterion C7 – Impact on designated landscapes.</b>	<b>C</b>
Less significant adverse impact	
Dorset County Council 23 October 2013	

<b>Criterion C8 – What is landscape capacity to accommodate proposed development.</b>	<b>C</b>
Visually relatively remote and inaccessible despite being adjacent to open access land. There may therefore be some opportunity for extraction, based on this aspect of the assessment, particularly in the lower lying less visible north western section of the site. Planning of ball clay extraction would therefore need to consider the merits of these landscape issues in association with the key ecological issues.	
Dorset County Council 23 October 2013	

<b>Criterion C9 –Impact on historic landscapes.</b>	<b>B</b>	<b>D</b>
Historically the site was heathland. This forms part of the setting of the scheduled Squirrels Cottage barrows. Sympathetic restoration to heathland would be category D – a lack of this would be category B.		
Dorset County Council 31/10/2013		

### Historic Environment

<b>Criterion C10 – Impact on historic buildings.</b>	<b>D</b>
Listed buildings too far away to be affected. Assessment grade D: no significant impact.	
Dorset County Council 22/10/2013	

## Site Assessment Pro Forma: Doreys – Holme Heath BC05

### Criterion C11 – Impact on archaeology.

**A**

→

**D**

The Squirrels Cottage barrows to the north-west are protected as a Scheduled Monument. The impact on their setting and on any below-ground archaeology on the site needs to be assessed and evaluated before an informed planning decision can be made. Without the results of these exercises, it is not really possible to categorise the impact more narrowly than between A and D.

Dorset County Council 31/10/2013

## Water and Flood Management

### Criterion C12 -Impact on hydrogeology or groundwater.

**B/C**

Hydrogeological Risk Assessment would be needed to confirm there is no impact on any wet heath / mires that might exist in adjacent designated sites. At least C (secondary Aquifer) possibly B, due to proximity of conservation designations and any associated water features. Licensed water supply site 500m to north west. No impact on SPZs.

Environment Agency 27 February 2013

### Criterion C13 – Impact on surface waters.

**B/C**

C possibly D depending on the nature of the ponds in the vicinity of the site. Ponds within 250m of the site.

Environment Agency 27 February 2013

### Criterion C14 - Impact on flooding or coastal stability.

**D**

Site is entirely within SPZ 1, no impact on flooding.

Dorset County Council 22 October 2013

## Land and Soils

### Criterion C15 - Impact on existing soils or land type (including BMV land).

**D**

Site is very poor agricultural land. Site is adjacent to and area of open access land.

Dorset County Council 22 October 2013

## Site Assessment Pro Forma: Doreys – Holme Heath BC05

### Air Quality

**Criterion C16 – Impact on AQMAs.****C**

Ball clay traffic travelling west to Devon along the A35 would have some impact on the Chideock AQMA.

Dorset County Council 22 October 2013

### Economic development

**Criterion C17 - Impact on economic development.****D**

Site will have positive benefit during working, contributing to supply of ball clay and providing employment during its working. Restoration to nature conservation could offer an ongoing positive benefit.

Dorset County Council 22 October 2013

### Human Health and Amenity

**Criterion C18 - Impact on Sensitive Human Receptors.****D**

Closest residences within 400-800m. Site is well screened and not visible from residences.

Dorset County Council 22 October 2013

**Criterion C19 - Impact on existing settlements.****C/D**

Stoborough Heath is closest settlement at approximately 800m, site is well screened and not visible. Stoborough and Stoborough Green would be impacted by lorry movements, discussed further in criterion C25 (below).

Dorset County Council 22 October 2013

### Airport Safety

**Criterion C20 - Impact on airport safety****E**

Site is approximately 24 km from the airport and not proposed for wet working or wet restoration. Not expected to have an impact on the airport.

Dorset County Council 22 October 2013

## Site Assessment Pro Forma: Doreys – Holme Heath BC05

### Cumulative Impacts

#### Criterion C21 - Effects on cumulative impacts.

**B**

Site is an extension of working in an area where there is already existing and proposed minerals working. The proposal is within 5Km (by road) of a site allocated in the Purbeck Local Plan Part I (adopted Nov 2012) (Policy CEN) for development of 200 dwellings and community facilities, off Worgret Road, Wareham. Traffic arising from the new residential development will also add to general traffic levels in / around Wareham

Dorset County Council 22 October 2013. 5 November 2013

### Carbon Emissions

#### Criterion C22 - Impact on carbon emissions

**B**

Site will rely on road transport.

Dorset County Council 22 October 2013

### Recreation/Access

#### Criterion C23 – Impact on recreational land

**D**

Site is not used for formal/informal access.

Dorset County Council 22 October 2013

#### Criterion C24- Impact on public rights of way

**C/D**

Bridleway runs adjacent to eastern edge of site. It can be screened as required.

Dorset County Council 22 October 2013

## Site Assessment Pro Forma: Doreys – Holme Heath BC05

<b>Criterion C25 - Are the access proposals acceptable</b>	<b>C</b>	<b>D</b>
<p>This proposed site is an extension to an existing operation and is accessed via an existing, adequate, entry onto Holme Lane. Access to the A351 is gained a short distance to the east via Holme Lane and West Lane. The site details show a traffic generation of 20 to 25 vehicles per day. However, if this site comes into operation it is thought that it would follow the cessation of extraction at this and other local pits. There would therefore not be an overall increase in traffic.</p> <p>As the site is not expected to come forward in parallel with the existing operations at this pit, and there are relatively good links with the strategic network, there is unlikely to be any noticeable increase in traffic and it has been given a C/D rating. If the site were to come forward earlier, then consideration would need to be given to the routing of vehicles between the site, any processing facility and the A351.</p> <p>Dorset County Council 29 October 2013</p>		