

Site Assessment Pro Forma: Blacklands Quarry PK02

Site Information	
Site Location	Blacklands Quarry, Acton, south of Langton Matravers village
Grid Reference	SY 990 778
Administrative Area	Purbeck District Council
Parish	Langton Matravers CP
Site Nominee(s)	National Trust
Proposed development	Purbeck limestone extraction (extension to existing site)
Site Area	1.34 ha
Estimated annual output (tpa)	2000 tonnes
Estimated reserve	52,000 tonnes
Expected life of operation	26 years
Existing land use	Agriculture
Landscape character	TBC
Proposed Restoration	Agriculture
Access	Via existing access through Acton Quarries Service Centre
Estimated Traffic Movements	4 lorry movements per week (2 in and 2 out)



PK02 - Blacklands Quarry - Aerial View

Site brought forward
 Existing sites with planning permission



PK02 - Blacklands Quarry - with constraints

Site brought forward
 Site with permission
 SAC
 Scheduled monument
 Public Right of Way Footpath
 Public Right of Way Driveway
 Listed building

NOTE: The entire area of this plan is to within the Corral ACMS, and 2) within the Heritage Coast area. The area designated as an SAC on this plan is also a Designated SSSI.



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Biodiversity.

Criterion C1 - Impact on European/international designations.	D
No comment	
Dorset County Council 6Nov13	
Criterion C2 - Impact on areas used by Annex I bird species.	D
No comment	
Dorset County Council 6Nov13	
Criterion C3 - Impact on national designations.	D
No comment	
Dorset County Council 6Nov13	
Criterion C4 - Impact on protected species.	C
Great Crested Newt is known to breed in a pond within 500m of the proposed site. However, the current land use of improved agricultural grazing land is unlikely to provide any habitat of importance to the species, and the likely effect of mineral extraction on GCN is probably insignificant.	
Dorset County Council 6Nov13	
Criterion C5 - Impact on local recognitions/designations, including ancient woodland and veteran trees.	D
No comment	
Dorset County Council 6Nov13	

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Geodiversity

Criterion C6 - Impact on geodiversity.	D
<p>The Purbeck limestone group has an important association with the geology of the Jurassic Coast World Heritage Site. Working quarries in Purbeck have been known to yield important fossils, including dinosaur footprints. They are also of ongoing interest for the study of early Cretaceous stratigraphy. These interests should be acknowledged with the assumption that geologists and the Jurassic Coast Team hosted by DCC will respond positively to any opportunities to recover fossils or record and study unusual features if they are discovered. In terms of geodiversity there is a presumption in favour of an appropriate level of quarrying activity continuing in order to sustain the ongoing interests.</p>	
<p>Dorset County Council 24.10.2013</p>	

Landscape

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

Criterion C8 – What is landscape capacity to accommodate proposed development.	C
<p>Potential cumulative adverse impacts on the amenity of users of Priests Way the major issue. Restoration of adjacent quarries recommended to help avoid any cumulative landscape and visual impact.</p>	
<p>Dorset County Council 23 October 2013</p>	

Criterion C9 –Impact on historic landscapes.	D
<p>The local landscape bears the imprint of previous quarrying dating from the Roman period onwards. It could be argued that the present site would be a continuation of the process, and if the site is to be restored afterwards the impact would be limited in time anyway.</p>	
<p>Dorset County Council 4/11/2013</p>	

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Historic Environment

Criterion C10 – Impact on historic buildings.

D

This is a quarry set in a quarrying landscape and the nearest listed buildings are too far away to be affected.
Assessment Grade D – no significant impact

Dorset County Council 22/10/2013

Criterion C11 – Impact on archaeology.

A

→

D

The discovery of Iron Age and Roman period remains at the Blacklands site to the west and north of the proposal site indicates the present site's high potential for below-ground archaeology. There is also potential for industrial archaeological evidence of early quarrying. Archaeological assessment and evaluation would be required before an informed planning decision could be made. Only when these have been undertaken would the archaeological impact be understood – at present it could be anywhere from category A to category D.

Dorset County Council 4/11/2013

Water and Flood Management

Criterion C12 -Impact on hydrogeology or groundwater.

C

C. Site is within a Secondary Aquifer. Site is not within any Source Protection Zone and no licensed water supplies.

Environment Agency 27 February 2013

Criterion C13 – Impact on surface waters.

D

D. There do not appear to be any significant water interests within 500m of the site.

Environment Agency 27 February 2013

Criterion C14 - Impact on flooding or coastal stability.

D

Site is entirely in Flood Risk Zone 1.

Dorset County Council 24 October 2013

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Land and Soils

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

Site is Good to Moderate agricultural land. Soils will be protected during working and restoration could bring BMV land back into agricultural production.

Dorset County Council 24 October 2013

Air Quality

Criterion C16 – Impact on AQMAs.**D**

No direct impact on any AQMAs.

Dorset County Council 24 October 2013

Economic development

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

Site will have positive benefit during working, contributing to supply of Purbeck Stone and providing employment. Restoration to agriculture will maintain an on-going positive benefit.

Dorset County Council 24 October 2013

Human Health and Amenity

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

Number of residential properties within 350m and within 500m. Row of cottages just north of Priest's Way. Site is an extension of existing quarry in an area with a long history of quarrying. Rating could be C, decreasing to D given the scale and context of the proposal.

Dorset County Council 24 October 2013

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

Nearest settlement is Acton, some 300m north of the proposed extension. Site extension not visible from Acton. Long history of stone quarrying in the area.

Dorset County Council 24 October 2013

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Airport Safety

Criterion C20 - Impact on airport safety

E

Site is approximately 23 km from airport, with no wet working or restoration.

Dorset County Council 24 October 2013

Cumulative Impacts

Criterion C21 - Effects on cumulative impacts.

B/C

Site is proposed extension of existing site, in an area of both existing and proposed mineral development. It is inevitable that there will be other mineral working in the vicinity as this is the area of Dorset where the Purbeck Stone is sourced.

The proposal is within 5Km (by road) of a town (Swanage) where allocations for the development of 200 dwellings, employment and retail facilities have been made in the Purbeck Local Plan Part 1 (adopted Nov 2012) (Policy SE). (Site details not yet available). Traffic arising from the new residential development will add to general traffic levels in / around Swanage and on the A351.

Dorset County Council 24 October 2013. 11.11 2013.

Carbon Emissions

Criterion C22 - Impact on carbon emissions

B

Site will rely on lorry and other vehicular transport.

Dorset County Council 24 October 2013

Recreation/Access

Criterion C23 - Impact on recreational land

D/E

Site is agricultural land, with no formal/informal recreation use. Opportunity to provide access following working.

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Criterion C24- Impact on public rights of way	D
No rights of way cross the site, Priests Way runs close to the northern boundary. Screening unlikely to be required, impacts should be minimal.	
Dorset County Council 24 October 2013	

Criterion C25 - Are the access proposals acceptable	C
Access proposed is onto the B3069 via the existing Acton quarry access and a short section of the C135. The access and the junctions in the immediate vicinity are suitable for the small number of proposed movements to this site (c. 4 trips per week). Onward movements to the strategic network would be via the B3069 to the A351, either through Kingston or Langton Matravers.	
Dorset County Council 29 October 2013	