

Site Assessment Pro Forma: St Aldhelms Quarry PK11

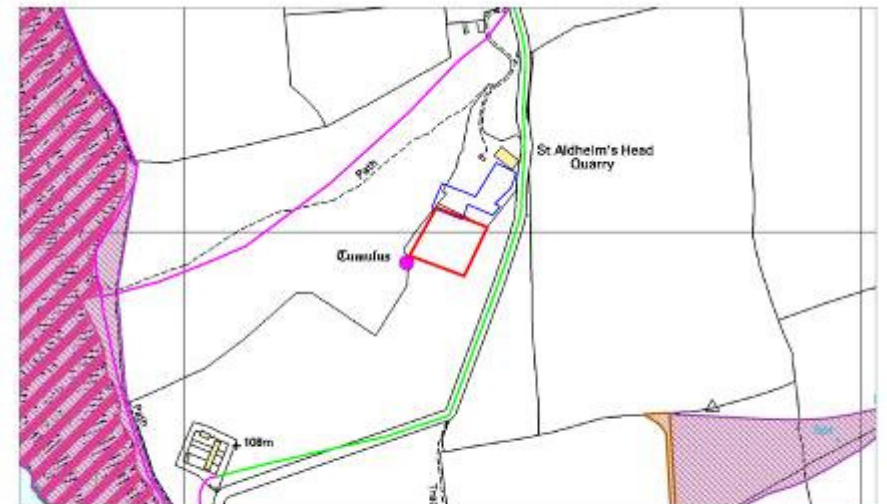
Site Information	
Site Location	St Aldhelms Quarry, St Aldhelms Head, Purbeck
Grid Reference	SY 963 759
Administrative Area	Purbeck District Council
Parish	Worth Matravers CP
Site Nominee(s)	WJ Haysom & Son
Agent	None
Proposed development	Extension of existing quarry – extracting Portland Stone
Site Area	0.58 ha
Estimated annual output (tpa)	500 tonnes (TBC)
Estimated reserve	65,000 tonnes (TBC)
Expected life of operation	128 years
Existing land use	Agriculture
Landscape character type	TBC
Proposed Restoration	Nature Conservation
Access	Via existing quarry access
Estimated Traffic Movements	20 loads per week (TBC)

Site was granted planning consent on 01 April 2015.



PK11 - St Aldhelms Quarry - Aerial View

Site brought forward
 Existing sites with planning permission



PK12 - Kingston Hill - with constraints

Site brought forwards
 Site with existing planning permission
 Scheduled Monument
 SHC1
 SSSI
 SAC
 Public Right of Way Footpath
 Public Right of Way Footpath

NOTE: The entire area of this plan is within the Coastal AONB, and also within the Heritage Coast area. All SAC areas are also SSSI designations.



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Biodiversity.

Criterion C1 - Impact on European/international designations.	D
No comment	
Dorset County Council 7Nov13	
Criterion C2 - Impact on areas used by Annex I bird species.	D
No comment	
Dorset County Council 7Nov13	
Criterion C3 - Impact on national designations.	D
No comment	
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Criterion C4 - Impact on protected species.	D
No comment	
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Criterion C5 - Impact on local recognitions/designations, including ancient woodland and veteran trees.	D
No comment	
Dorset County Council 7Nov13	

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Geodiversity

Criterion C6 - Impact on geodiversity.

D

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 these ongoing interests.

Dorset County Council 6.11.2013

Landscape

Criterion C7 – Impact on designated landscapes.

C

Less significant adverse impact.

Dorset County Council 23 October 2013

Criterion C8 – What is landscape capacity to accommodate proposed development.

C

In the zone of least landscape and visual impact so it will be how the area is worked which will determine its capacity. Small areas, quantities, progressive restoration and in short campaigns with low stockpiles is recommended. Removal of existing stock piles from visually sensitive edges is also recommended.

Dorset County Council 23 October 2013

Criterion C9 – Impact on historic landscapes.

C**A**

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. In this case, the situation is complicated by the presence of a number of Scheduled Monuments in the area, notably a Bronze Age barrow at the site's south-west corner. I understand that the exclusion of part of the site in the vicinity of the barrow has been agreed with English Heritage to protect that monument's setting. If so, category C, if not category A.

Dorset County Council 13 November 2013

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Historic Environment

Criterion C10 – Impact on historic buildings.**D**

No listed buildings in the vicinity of the site, or likely to be impacted by the proposed extension.

Dorset County Council 12 November 2013

Criterion C9 –Impact on archaeology.**C****A**

Archaeological Remains - Please see C9 for comments relating to Scheduled Monuments. Initial archaeological assessment has indicated the presence of remains of ancient field systems and potentially other below-ground archaeological remains as well. Archaeological evaluation is in progress at the moment. Depending on the results of this exercise, the impact could be anyway between categories A and C.

Dorset County Council 13 November 2013

Water and Flood Management

Criterion C12 -Impact on hydrogeology or groundwater.**C**

C. Technically the site is underlain by a Principal Aquifer but we would consider this site to be more appropriate as Criterion C. No impacts on Source Protection Zones. No licensed water supply points in vicinity.

Environment Agency 27 February 2013 & Dorset County Council 1 November 2013

Criterion C13 – Impact on surface waters.**D**

No surface water within 500m.

Environment Agency 27 February 2013

Criterion C14 - Impact on flooding or coastal stability.**D**

Entire site is in Flood Risk Zone I. No impact on coastal stability.

Dorset County Council 1 November 2013

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Land and Soils

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

Soils are good to moderate or poor in quality. Any soil removed will be protected during working and either re-used on site or taken elsewhere to be used. Further assessment required to determine soil quality.

Dorset County Council | November 2013

Air Quality

Criterion C16 – Impact on AQMAs.**D**

No direct impact on any AQMAs.

Dorset County Council | November 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 agriculture/nature conservation will maintain an ongoing positive benefit.

Dorset County Council | November 2013

Human Health and Amenity

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

Closest residential properties are coast guard cottages to south west, at approximately 380m. Other properties to north/west, approximately 1 km distant or more. Limited views of site.

Dorset County Council | November 2013

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

Closest settlement is Worth Matravers, approximately 1m to north west. Views of the site will be limited, context of site is one of mineral working.

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Airport Safety

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

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

Dorset County Council | November 2013

Cumulative Impacts

Criterion C21 - Effects on cumulative impacts.**B**

Site is an extension of existing site, in an area with other existing/proposed mineral development.

There are no sites allocated for major development in the Purbeck Local Plan Part I (adopted Nov 2012) within 5 km of the proposal.

Dorset County Council | November 2013 | 11.11.2013.

Carbon Emissions

Criterion C22 - Impact on carbon emissions**B**

Site will rely on road transport.

Dorset County Council | November 2013

Recreation/Access

Criterion C23 - Impact on recreational land**D**

Site is agricultural land, no formal/informal recreational use.

Dorset County Council | November 2013

Criterion C24- Impact on public rights of way**D**

Site is immediately adjacent to bridleway, as is current site. Some limited screening may be required. Site is in an area with long history of mineral extraction and has the potential to add to intrinsic interest. Could be C, but probably more suited to D, subject to how site edge is treated.

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Criterion C25 - Are the access proposals acceptable	B	C
<p>Access proposed is via private tracks onto a public road through Worth Matravers and onto the B3069. This route is narrow in places and has areas of limited forward visibility. There are however sufficient areas of clear visibility with informal passing places for the small amount of traffic from the proposed quarry to be accommodated safely. There is also safe access onto the B3069. The stipulated assessment criteria mean that this site has been given a B rating as the site necessarily means that HGVs will pass through relatively narrow roads within an existing settlement. However, extraction at this site has been operational for some time and there is no indication that there will be any significant increase. Provided there is no increase in HGV traffic over the current operation, the very low and sporadic nature of the traffic means that there is little adverse impact and the site could be considered to have a C rating.</p>		
Dorset County Council 29 October 2013		