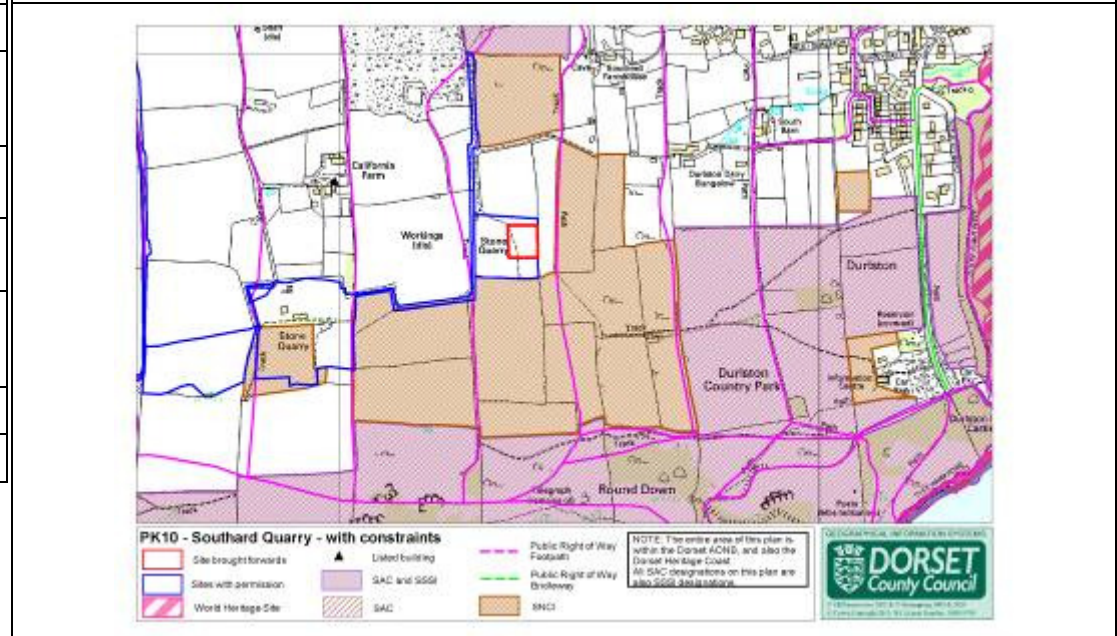
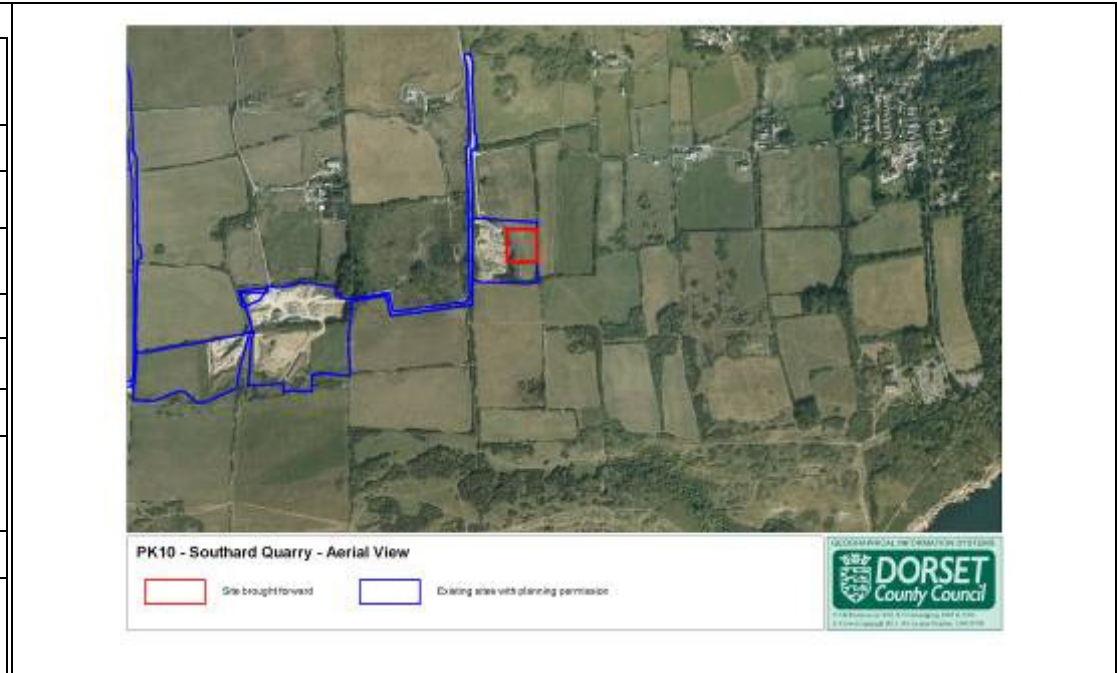


Site Assessment Pro Forma: Southard Quarry PK10

Site Information	
Site Location	Southard, near Swanage
Grid Reference	SZ 023 776
Administrative Area	Purbeck District Council
Parish	Swanage CP
Site Nominee(s)	
Agent	
Proposed development	Purbeck limestone extraction (extension to existing quarry)
Site Area	0.5 ha
Estimated annual output (tpa)	500 tonnes
Estimated reserve	107,500 tonnes
Expected life of operation	215 years
Existing land use	Agriculture
Landscape character type	
Proposed Restoration	Agriculture/Nature Conservation
Access	Via existing
Estimated Traffic Movements	Max 5 loads out per week



Site Assessment Pro Forma: Southard Quarry PK10

Biodiversity.

Criterion C1 - Impact on European/international designations.	D
No comment	
Phil Sterling 6Nov13	
Criterion C2 - Impact on areas used by Annex I bird species.	D
No comment	
Phil Sterling 6Nov13	
Criterion C3 - Impact on national designations.	D
No comment	
Phil Sterling 6Nov13	
Criterion C4 - Impact on protected species.	D
No comment	
Phil Sterling 6Nov13	
Criterion C5 - Impact on local recognitions/designations, including ancient woodland and veteran trees.	D
No comment	
Phil Sterling 6Nov13	

Site Assessment Pro Forma: Southard Quarry PK10

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.

Sam Scriven 24.10.2013

Landscape

Criterion C7 – Impact on designated landscapes.

C

Less significant adverse impact

Tony Harris 23 October 2013

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

C

There may be an issue of cumulative landscape & visual impact so recommend before this site is consented the other quarries in the area are restored. Potential for an adverse impact on the amenity of the footpath users. Mitigation measures must limit height of stock piles.

Tony Harris 23 October 2013

Criterion C9 –Impact on historic landscapes.

D

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.

Steve Wallis 31/10/2013

Site Assessment Pro Forma: Southard Quarry PK10

Historic Environment

Criterion C10 – Impact on historic buildings.

D

This site extends a quarry away from its nearest listed building and the site as a whole is part of a quarrying landscape. This means there is minimal impact on the historic building.

Assessment Grade D – no significant impact

John Lowe 22/10/2013

Criterion C11 – Impact on archaeology.

A

→

D

I consider that the site has high potential for below-ground archaeology and possibly 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.

Steve Wallis 31/10/2013

Water and Flood Management

Criterion C12 -Impact on hydrogeology or groundwater.

C

C. Site is within a Secondary Aquifer. Site is not within Source Protection Zone area. Not known whether there are any licensed water supply points in the vicinity.

Environment Agency (Kath Burt) 27 February 2013

Criterion C13 – Impact on surface waters.

C

C. Watercourse within 500m of site boundary.

Environment Agency (Kath Burt) 27 February 2013

Criterion C14 - Impact on flooding or coastal stability.

D

Site is entirely within FRZ 1 and there is no impact on coastal stability.

Trevor Badley 31 October 2013

Site Assessment Pro Forma: Southard Quarry PK10

Land and Soils

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

Site is good to moderate agricultural land. Any soil removed will be protected during working and either re-used on site or taken elsewhere to be used. Further assessment may be required to determine soil quality.

Trevor Badley 31 October 2013

Air Quality

Criterion C16 – Impact on AQMAs.**D**

No direct impact on any AQMAs.

Trevor Badley 31 October 2013

Economic development

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

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

Trevor Badley 31 October 2013

Human Health and Amenity

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

No properties within 250m, closest property is approximately 290m, other properties within 500m and on to Swanage. Site likely to be screened from closest properties, more distant views into site. Site screening may be required.

Trevor Badley 31 October 2013

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

Closest settlement is Swanage, to the north and north-east, at around 480-500m distant at the closest. Site likely to be screened from closest properties, more distant views into site. Site screening may be required. Context of the site is area of mineral working and waste management.

Trevor Badley 31 October 2013

Site Assessment Pro Forma: Southard Quarry PK10

Airport Safety

Criterion C20 - Impact on airport safety

D

Site is 22km distant, not to be worked wet or restored wet. No impact.

Trevor Badley 31 October 2013

Cumulative Impacts

Criterion C21 - Effects on cumulative impacts.

B

Site is an extension to an existing quarry in an area where there is a high concentration and long history of mineral extraction.

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.

Trevor Badley 31 October 2013. Gill Smith 11.11 2013.

Carbon Emissions

Criterion C22 - Impact on carbon emissions

B

Site will rely on road transport.

Trevor Badley 31 October 2013

Recreation/Access

Criterion C23 – Impact on recreational land

D

Site is agricultural land, no formal or informal recreational uses.

Trevor Badley 31 October 2013

Criterion C24- Impact on public rights of way

D

No rights of way cross the site or run adjacent to its boundary.

Trevor Badley 31 October 2013

Site Assessment Pro Forma: Southard Quarry PK10

Criterion C25 - Are the access proposals acceptable	B	C
<p>Access proposed is via an existing permitted route through the edge of Swanage to the A351. While the roads used are residential and not ideal for quarry related traffic there is little alternative for this and other local small scale extraction. The level of trips to and from this site by HGVs is likely to be low and sporadic, being linked to specific extraction campaigns and market demand. 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 the 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 in extraction. Provided that HGV traffic continues to use agreed routes through the residential area to the north there is little adverse impact and the site could be considered to have a C rating.</p>		
Wayne Sayers 29 October 2013		