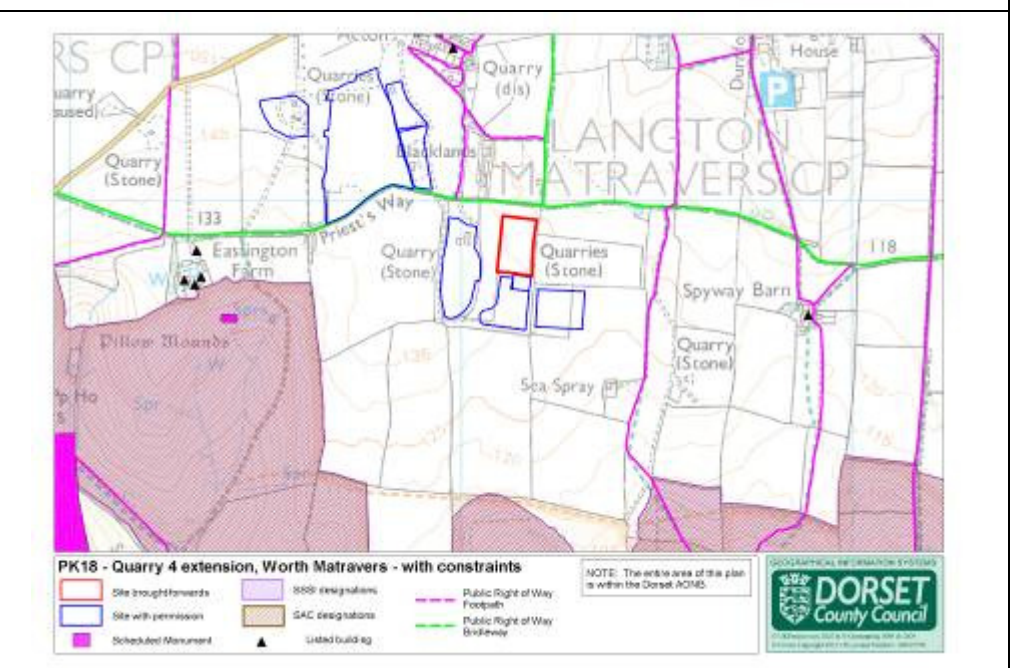
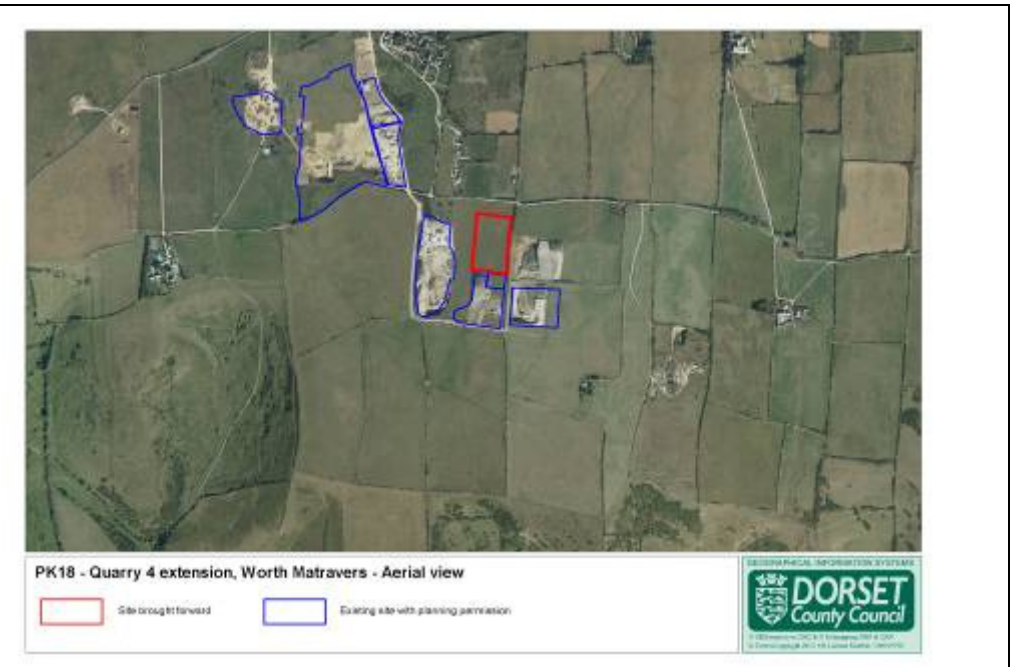


Site Assessment Pro Forma: Quarry 4 extension PK18

Site Information	
Site Location	Quarry 4 extension, approximately 1.1km SW of Langton Matravers village
Grid Reference	SY 991 778
Administrative Area	Purbeck District Council
Parish	Langton Matravers
Site Nominee(s)	National Trust
Agent	Land & Mineral Management
Proposed development	Extraction of Purbeck Limestone
Site Area	1.3 ha approximately
Estimated annual output (tpa)	2,000 tpa
Estimated reserve	40,000 tonnes
Expected life of operation	20 years
Existing land use	Pasture land
Landscape character type	TBC
Proposed Restoration	Grazing land
Access	Via existing Quarry 4
Estimated Traffic Movements	As existing



Site Assessment Pro Forma: Quarry 4 extension PK18

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	
Dorset County Council 7Nov13	
Criterion C4 - Impact on protected species.	D
No comment	
Dorset County Council 7Nov13	
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
<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 these ongoing interests.</p> <p>Dorset County Council 6.11.2013</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.	B
<p>Potential cumulative adverse impacts on the amenity of users of Priests Way the major issue.</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 31/10/2013</p>	

Historic Environment

Criterion C10 – Impact on historic buildings.	D
<p>This site is part of a characterful landscape of which the quarrying activities help to form its character. Buildings are not immediately adjacent to the site but derive character from the overall landscape. The quarry will have no significant impact on the listed buildings. Assessment D.</p> <p>Dorset County Council 22 October 2013</p>	

Site Assessment Pro Forma: Quarry 4 extension PK18

Criterion C11 – Impact on archaeology.	A	B	C
<p>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.</p> <p>Dorset County Council 31/10/2013</p>			

Water and Flood Management

Criterion C12 -Impact on hydrogeology or groundwater.	C	B
<p>Criteria classification 'C' as on a Secondary Aquifer, rising to Class 'B' if significant adverse impact is determined for private or local water interests identified within 250m of the site. No impact on Source Protection Zones.</p> <p>Environment Agency 4 November2013</p>		

Criterion C13 – Impact on surface waters.	D
<p>Criteria classification 'D' as there are no watercourses within 500m.</p> <p>Environment Agency 4 November2013</p>	

Criterion C14 - Impact on flooding or coastal stability.	D
<p>Criteria classification 'D' as within FZI.</p> <p>Environment Agency 4 November2013</p>	

Land and Soils

Criterion C15 - Impact on existing soils or land type (including BMV land).	C
<p>Site is good to moderate quality agricultural land. Any soil removed will be protected during working and can be used to restore the land.</p> <p>Dorset County Council 5 November 2013 .</p>	

Site Assessment Pro Forma: Quarry 4 extension PK18

Air Quality

Criterion C16 – Impact on AQMAs.**D**

No direct impact on any AQMAs.

Dorset County Council 5 November 2013

Economic development

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

Quarrying Purbeck Stone in this field 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 5 November 2013

Human Health and Amenity

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

Properties within 100m to north west and 500m to the north. Campsites within 500m to north/north west. Context is small quarries in an area with a long history of Purbeck Stone quarrying. Nation Trust will control rate of quarrying. Only small areas within the overall field will be quarried – exact sites not known yet. Appropriate screening to be determined.

Dorset County Council 5 November 2013

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

Acton is approximately 380m to the north; Langton Matravers is approximately 650m to north east. Minimal impact, given rate of quarrying and context of the site proposals.

Dorset County Council 5 November 2013

Airport Safety

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

Site is approximately 23km from airport and not proposed for wet working or restoration.

Dorset County Council 5 November 2013

Site Assessment Pro Forma: Quarry 4 extension PK18

Cumulative Impacts

Criterion C21 - Effects on cumulative impacts.

B

Site nomination comprises 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.

Dorset County Council 5 November 2013. 11.11.2013.

Carbon Emissions

Criterion C22 - Impact on carbon emissions

B

Site will rely on road transport.

Dorset County Council 5 November 2013

Recreation/Access

Criterion C23 – Impact on recreational land

D

Site is agricultural land, not use for formal/informal agricultural purposes.

Dorset County Council 5 November 2013

Criterion C24- Impact on public rights of way

D

Bridleway (Priest's Way) runs approximately 40m north of the northern edge of site nomination. Given the context of the site there is no need for realignment of the route and probably no need for special screening. Further assessment required of possible impacts and appropriate screening.

Dorset County Council 5 November 2013

Site Assessment Pro Forma: Quarry 4 extension PK18

Criterion C25 - Are the access proposals acceptable	C
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Access is proposed via the existing quarry and the C135 to the B3069. From here vehicles will travel to the A351 either west, past Kingston, or east, through Langton Matravers. Vehicle movements here are expected to be low and will not exceed that which currently exists. While access to the strategic network will involve travel through existing settlements, the low number of trips plus the B class of the road used means that there will be limited impact. Therefore the site has been given a C rating.

Dorset County Council 29 October 2013