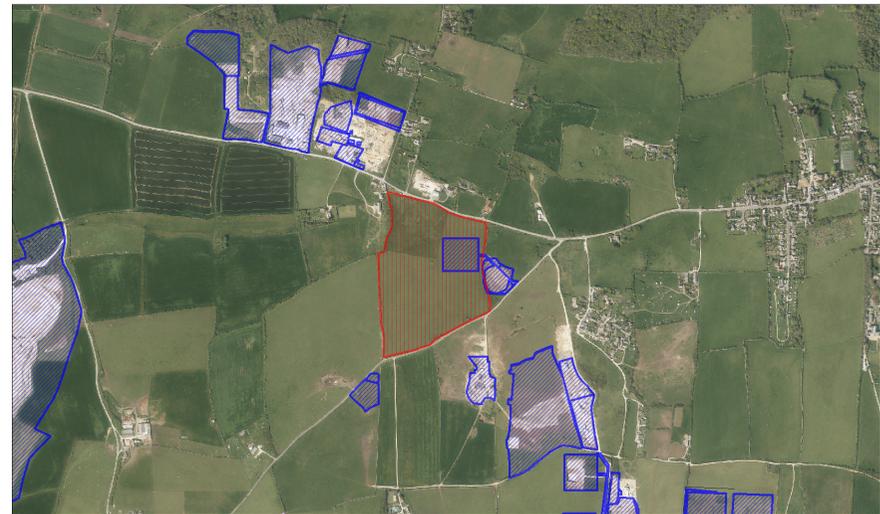


## Site Assessment Pro Forma: Broadmead Field PK19

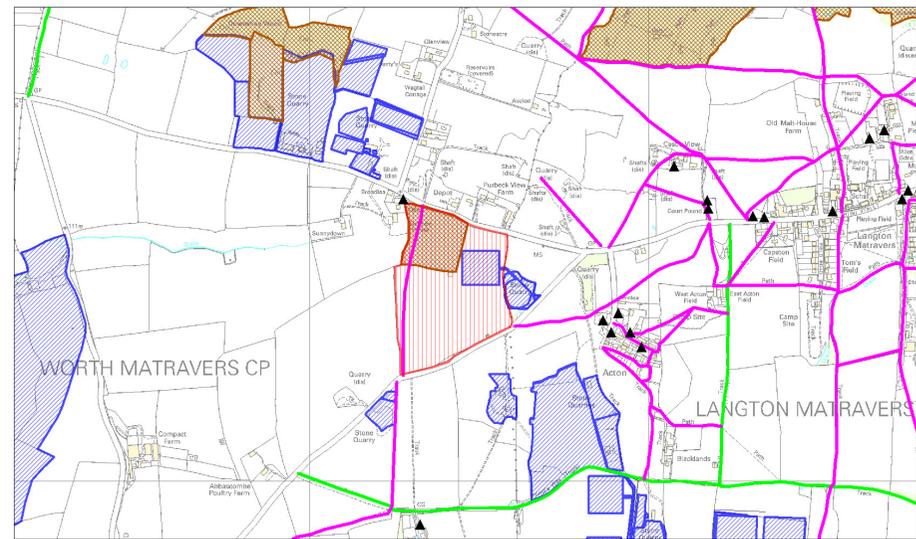
Site Information	
Site Location	Broadmead Field, apx 1.2km west of Langton Matravers village
Grid Reference	SY 984 785
Administrative Area	Purbeck District Council
Parish	Worth Matravers
Site Nominee(s)	National Trust
Agent	Land & Mineral Management
Proposed development	Extraction of Purbeck Limestone
Area of Broadmead Field proposed for inclusion	12.6ha
Estimated reserve within area proposed for inclusion	440,000 tonnes
Area that may be worked within Broadmead Field during life of Plan	1 ha
Estimated annual output (tpa) from an individual site	2,000 tpa
Expected life of operation of individual site	20 years
Landscape character type	TBC
Proposed Restoration	Grazing land
Access	From existing service area onto the B3069 to market areas
Estimated Traffic Movements	TBC



PK19 - Broadmead Field - aerial view

- Nominated minerals site
- Site with existing planning permission

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PK19 - Broadmead Field, Worth Matravers - with constraints

- Nominated minerals site
- Listed buildings
- Public footpath
- Site with existing planning permission
- SNCI
- Public bridleway

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## Site Assessment Pro Forma: Broadmead Field PK19

### Biodiversity.

<b>Criterion C1 - Impact on European/international designations.</b>	<b>D</b>
No comment	
Dorset County Council 7Nov13	
<b>Criterion C2 - Impact on areas used by Annex I bird species.</b>	<b>D</b>
No comment	
Dorset County Council 7Nov13	
<b>Criterion C3 - Impact on national designations.</b>	<b>D</b>
No comment	
Dorset County Council 7Nov13	
<b>Criterion C4 - Impact on protected species.</b>	<b>B</b>
Greater Horseshoe Bat has been recorded from the area immediately adjacent to this site. Without further investigation the implications of quarrying on this rare species are not known, although it is likely that appropriate mitigation could be put in place if necessary.	
Dorset County Council 7Nov13	
<b>Criterion C5 - Impact on local recognitions/designations, including ancient woodland and veteran trees.</b>	<b>D</b>
The site boundary includes all of Broadmead Field SNCI (designated 3/7/14), a local wildlife site declared for species rich neutral grassland. Impacts could be mitigated by re-drawing the site boundary to exclude this or by other mitigation identified at the planning application stage.	
Dorset County Council 02.07.15	

## Site Assessment Pro Forma: Broadmead Field PK19

### Geodiversity

<b>Criterion C6 - Impact on geodiversity.</b>	<b>D</b>
<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

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

<b>Criterion C8 – What is landscape capacity to accommodate proposed development.</b>	<b>C</b>
<p>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.</p>	
<p>Dorset County Council 23 October 2013</p>	

<b>Criterion C9 –Impact on historic landscapes.</b>	<b>D</b>
<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>	

### Historic Environment

<b>Criterion C10 – Impact on historic buildings.</b>	<b>B</b>
<p>Listed building adjacent to site proposal, further assessment will be required to determine potential impacts.</p>	
<p>Dorset County Council 12 November 2013</p>	

## Site Assessment Pro Forma: Broadmead Field PK19

<b>Criterion C11 – Impact on archaeology.</b>	<b>A</b>	→	<b>D</b>
<p>There are various archaeological sites in the area, most notably an Iron Age and Roman period settlement and shale-working site just to the north-west. 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.</p> <p>Dorset County Council 4/11/2013</p>			

### Water and Flood Management

<b>Criterion C12 -Impact on hydrogeology or groundwater.</b>	<b>C</b>
<p>Site underlain by secondary aquifer. Not within or adjacent to any Source Protection Zones. Not known if any licensed water abstraction points in the vicinity.</p> <p>Dorset County Council 4 November 2013</p>	

<b>Criterion C13 – Impact on surface waters.</b>	<b>D</b>
<p>No surface water within 500m of site boundary.</p> <p>Dorset County Council 4 November 2013</p>	

<b>Criterion C14 - Impact on flooding or coastal stability.</b>	<b>D</b>
<p>Site is entirely within Flood Risk Zone 1. No risk of coastal instability.</p> <p>Dorset County Council 4 November 2013</p>	

### Land and Soils

<b>Criterion C15 - Impact on existing soils or land type (including BMV land).</b>	<b>C</b>
<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 4 November 2013 .</p>	

## Site Assessment Pro Forma: Broadmead Field PK19

### Air Quality

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

No direct impact on any AQMAs.

Dorset County Council 4 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 4 November 2013

### Human Health and Amenity

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

Residential properties adjacent, within 250m and 500m. 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 4 November 2013

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

Acton approximately 250m to east; Langton Matravers within 750m further east. Sites will be relatively low impact. Limited visibility towards the east. With appropriate screening, visual impacts would be further reduced.

Dorset County Council 4 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 4 November 2013

## Site Assessment Pro Forma: Broadmead Field PK19

### Cumulative Impacts

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

**B**

Site nomination comprises a new proposal 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 4 November 2013 11.11.2013.

### Carbon Emissions

#### Criterion C22 - Impact on carbon emissions

**B**

Site will rely on road transport.

Dorset County Council 4 November 2013

### Recreation/Access

#### Criterion C23 – Impact on recreational land

**D**

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

Dorset County Council 4 November 2013

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

**C**

Statutory right of way crosses the field that has been nominated. Since whole field will not be worked, statutory right of way probably will not need to be diverted. Appropriate screening may be required.

Dorset County Council 4 November 2013

## Site Assessment Pro Forma: Broadmead Field PK19

<b>Criterion C25 - Are the access proposals acceptable</b>	<b>C</b>
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Details of the exact point of access from this site on the highway network will be required. It is expected that access will be gained on the southern side of the site. Any proposal would need to provide details of the access including visibility, geometry and surfacing. While routes from the site to the A351 will go through either Langton Matravers or Kingston, the route is via a B class road and the number of trips will be low. Provided that trip numbers are low, as expected, there will be little adverse impact and direct the site is considered to have a C rating.

Dorset County Council 4 November 2013