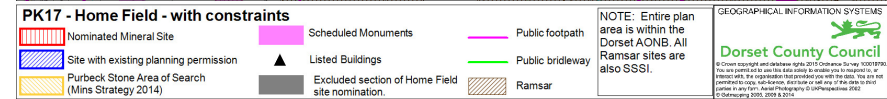
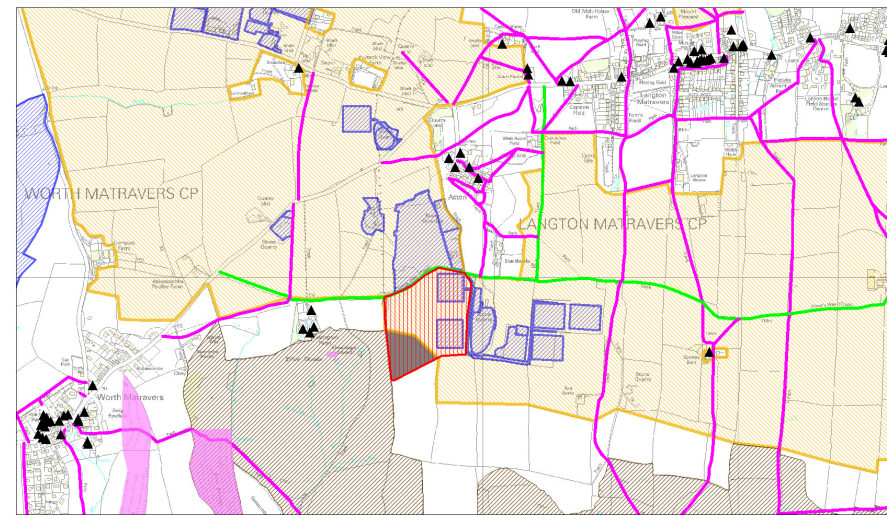
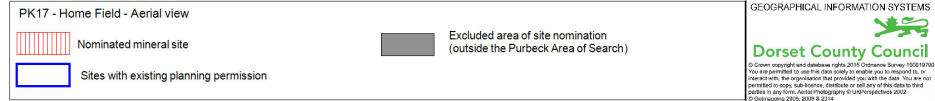
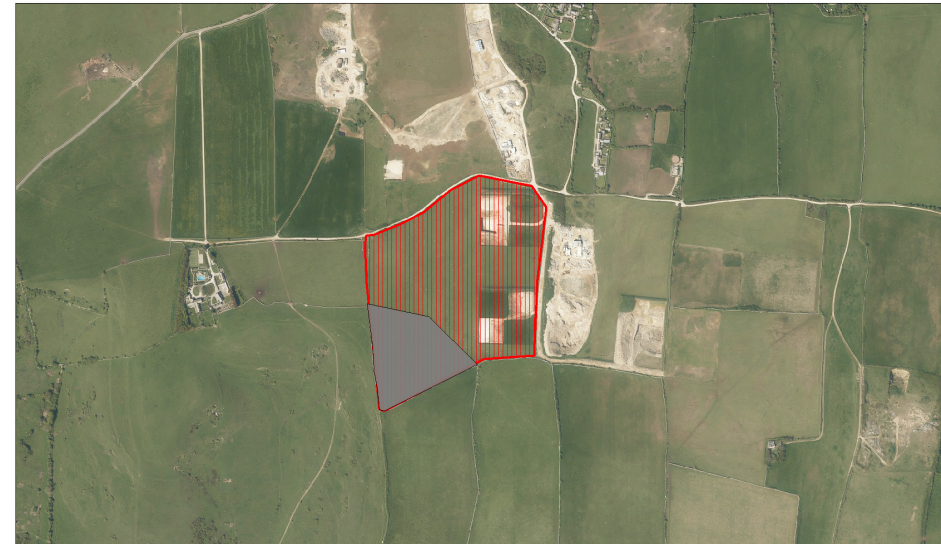


Site Assessment Pro Forma: Home Field PK17

Site Information	
Location	Home Field, approximately 1.3km SW of Langton Matravers village
Grid Reference	SY 987 778
Administrative Area	Purbeck District Council
Parish	Langton Matravers
Site Nominee(s)	National Trust
Agent	Land & Mineral Management
Proposed development	Extraction of Purbeck Limestone
Area of Home Field proposed for inclusion	10.5ha
Estimated reserve within area proposed for inclusion	340,000 tonnes
Area that may be worked within Home 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
Existing land use	Agricultural land Grade 3b-4
Landscape character type	TBC
Proposed Restoration	Grazing land
Access	Stone will be transported from existing service area to market areas via the B3069.
Estimated Traffic Movements	As existing



Site Assessment Pro Forma: Home Field PK17

Biodiversity.

Criterion C1 - Impact on European/international designations.	D
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No comment, subject to a suitable stand-off to protect the SAC grassland to the west

Dorset County Council 7Nov13

Criterion C2 - Impact on areas used by Annex I bird species.	D
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No comment

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Criterion C3 - Impact on national designations.	D
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No comment

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Criterion C4 - Impact on protected species.	D
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No comment

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Criterion C5 - Impact on local recognitions/designations, including ancient woodland and veteran trees.	D
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No comment

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Site Assessment Pro Forma: Home Field PK17

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 24.10.2013

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.

Dorset County Council 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.

Dorset County Council 31/10/2013

Site Assessment Pro Forma: Home Field PK17

Historic Environment

Criterion C10 – Impact on historic buildings.	D
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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.

Dorset County Council 22 October 2013

Criterion C11 – Impact on archaeology.	A	B	C
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There is a Scheduled Monument to the west of the site (SM33164 – ‘Pillow mound 145m south east of Eastington Farm’). The discovery of Iron Age and Roman period remains at the Blacklands site to the east and north-east of the 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 (including of the impact on the setting of SM33164 and other Scheduled Monuments in the area) 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 31/10/2013

Water and Flood Management

Criterion C12 -Impact on hydrogeology or groundwater.	C
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Site is underlain by a secondary aquifer. No impact on any Source Protection Zones. Not known if any licensed water supply points in the vicinity.

Dorset County Council 4 November 2013

Criterion C13 – Impact on surface waters.	B
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Surface water (river) potentially within 100m of future quarry.

Dorset County Council 4 November 2013

Criterion C14 - Impact on flooding or coastal stability.	D
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Site is entirely within Flood Zone 1. No impact on coastal stability.

Dorset County Council 4 November 2013

Site Assessment Pro Forma: Home Field PK17

Land and Soils

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

C

Site is good to moderate quality agricultural land. Any soil removed will be protected during working and can be used to restore the land.

Dorset County Council 4 November 2013 .

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

Properties within 100m to north west; 250m to west and approximately 300m to the north. Campsites at approximately 400m and 600m 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 4 November 2013

Criterion C19 - Impact on existing settlements.

D

Acton is approximately 300m to the north; Langton Matravers is approximately 750m to north west. Minimal impact, given rate of quarrying and context of the site proposals.

Dorset County Council 4 November 2013

Site Assessment Pro Forma: Home Field PK17

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

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.

It is not clear exactly how access would be gained to this site. Depending on the route taken it may be just within or just outside 5Km from a town (Swanage) where allocations for the development of 200 dwellings, employment and retail facilities have been made in the Purbeck Local Plan Part I (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

Site Assessment Pro Forma: Home Field PK17

Recreation/Access

Criterion C23 – Impact on recreational land

D

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

Dorset County Council 4 November 2013

Criterion C24- Impact on public rights of way

C

Bridleway runs along 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 4 November 2013

Criterion C25 - Are the access proposals acceptable

C

Access is proposed via the existing service area 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