

Minerals Site Allocations Document

Background Paper Six

Sustainability Appraisal for MSAD Discussion Paper

October 2008

Introduction

Sustainability appraisal is a systematic and iterative process undertaken during the preparation of a plan or strategy. Its role is to assess the extent to which the emerging policies and proposals will help to achieve relevant environmental, social and economic objectives. In doing so, it provides an opportunity to consider ways in which the plan or strategy can contribute to improvements in environmental, social and economic conditions, as well as a means of identifying and addressing any adverse effects that draft policies and proposals might have.

Legal Framework

Section 39 of the Planning and Compulsory Purchase Act 2004 requires Local Development Documents (including Minerals and Waste Development Documents) to be prepared with the objective of contributing to the achievement of sustainable development. Sustainable development will ensure a better quality of life for present and future generations.

Section 19 (5) of the Act requires Local Planning Authorities to carry out an appraisal of the sustainability of the proposals in each document and prepare a report of findings of the appraisal. Sustainability appraisal is integral to document preparation as a means of assessing their potential social, environmental and economic effects. It is a positive tool for developing policies to ensure that they reflect sustainable development principles. The appraisal should take place in parallel with the formulation of policies.

The European Strategic Environment Assessment Directive 2001/42/EC requires an environmental assessment of plans and programmes prepared by public authorities that are likely to have significant effect upon the environment. This process is referred to commonly as 'Strategic Environmental Assessment' (SEA) and covers relevant plans and programmes whose preparation began after 21 July 2004. A key requirement of the SEA process is the production of an environmental report describing the likely significant effects of implementation of the plan and alternative options which were considered when producing the plan. The Sustainability Appraisal incorporates the requirements of the SEA Directive.

Sustainability Appraisal Scoping Report

The Scoping Report was the first stage of the Sustainability Appraisal process, setting out the scope of the appraisal and the information to be gathered or relied upon, as well as the Sustainability Objectives to be used when appraising each development plan document. It will apply to all of the mineral development plan documents that will be prepared. The Scoping Report can be viewed at www.dorsetforyou.com/mwdf or a hard copy can be requested from the Minerals and Waste Planning Policy team.

Sustainability Objectives

The Sustainability Objectives are:

- Maintain, conserve and enhance biodiversity, fauna, flora and geodiversity
- Protect and enhance landscape and coast
- Protect cultural heritage
- Protect water resources
- Maintain soil quality
- Limit risk of flooding
- Improve air quality
- Conserve and safeguard mineral resources
- Improve health
- Reduce noise and dust and improve quality of life
- Encourage and facilitate sustainable methods of transporting minerals
- Provide an appropriate and sustainable supply of minerals to meet the needs of society
- Promote economic development and job creation
- Promote public involvement
- Minimise waste

Sustainability Appraisal for MSAD Discussion Paper

The Discussion Paper contains all of the site options that have come forward for potential future mineral extraction. At this stage of the preparation of the MSAD, undertaking a Sustainability Appraisal is not a formal requirement, however it was thought that subjecting the sites to sustainability appraisal early in the process would be valuable in order to highlight key issues for consideration and to judge how each performs in terms of sustainability.

The appraisal was based on professional judgement, officer discussions, technical knowledge and the evidence base. It was found necessary for many of the objectives to provide comment on how the site would perform in terms of sustainability during extraction, and how it would perform in the long term (i.e. after restoration). Each site's performance against each sustainability objective is

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shown as positive (+), negative (-) or no significant impact/neutral (0). A summary has also been provided for each site highlighting the main findings. This short summary is shown in a box along with each site within the main MSAD Discussion Paper.

BALL CLAY

MSAD BC01 Carrot Bank, land north of Tyneham

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	<p>- Would have a significant negative impact on biodiversity. The area is likely to be the second best area for lower plants (such as lichens) on trees in Dorset. No option to mitigate effects on important trees that would be lost to ground clearance. Part of the proposed site is considered worthy of SSSI status.</p> <p>The site adjoins Creech Grange SSSI to the north. The stables and outhouses located in the SSSI support a Greater Horseshoe Bat colony and loss of woodland in the vicinity could severely impact on this colony.</p>
2. Protect and enhance landscape and coast	<p>- Would have a significant adverse impact on the landscape, in particular on the setting of Creech Grange Historic Park and Garden and on views from the high ground to the south. The entire area is within the AONB.</p>
3. Protect cultural heritage	<p>- Would have a negative impact on the historic park and garden and its setting. Some of this English Heritage registered Historic Park and Garden lies within the eastern part of the site.</p> <p>- Also potential negative impact on three barrows, protected as Scheduled Monuments, which lie in close proximity to the site.</p> <p>- Potential negative impact on Creech Grange, Grade 1 listed, and other surrounding listed buildings, and their settings.</p>
4. Protect water resources	<p>- Potential negative impact on the quality and quantity of surrounding water courses.</p>
5. Maintain soil quality	<p>- Disturbance of soil through extraction is unlikely to maintain soil quality.</p>

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6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce ball clay resources. Sand resources would be conserved.
9. Improve health	- Health would not be improved.
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society
13. Promote economic development and job creation	0 Likely to provide a continuation of employment.

14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated
<p>Summary: Although this site would contribute to a continued supply of ball clay, there would be significant negative impact on biodiversity if extraction results in the loss of trees and hedgerows which support lichens. There would also be significant negative impacts on heritage and landscape. It is unlikely that mitigation and restoration proposals would be able to overcome these concerns.</p>	

MSAD BC02 Dorey's Pit, Stoborough

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Would have a negative impact on biodiversity. The site is adjacent to the Povington and Grange Heaths SSSI, also designated SPA, SAC and Ramsar site, to the west. + There is the potential for restoration to heathland and/or acid grassland, which could enhance biodiversity by linking areas of the SSSI.
2. Protect and enhance landscape and coast	- Potential negative cumulative impact on the landscape in relation to existing workings. The site is within the Dorset AONB.
3. Protect cultural heritage	- Potential negative impact on archaeological features, including Three Lords Barrow, a Scheduled Monument, on the edge of the site, and several other scheduled barrows in the vicinity.
4. Protect water resources	- Potential risk to quantity and quality of water resources by dewatering which could affect nearby heathland.

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5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality.
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce ball clay resources.
9. Improve health	- Health would not be improved. There could be particular impacts, such as stress, on residents living in close proximity.
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society

13. Promote economic development and job creation	0 Likely to provide a continuation of employment.
14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated
<p>Summary: Cumulatively, there would be a negative impact on the landscape during extraction especially as the site lies within the AONB. There are a number of houses that may be affected by mineral working. In the long-term restoration could enhance biodiversity by linking areas of SSSI. The site would enable continued provision of a nationally important mineral.</p>	

MSAD BC03 Povington, Tyneham

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Would have a negative impact on biodiversity. The Povington area is likely to be the second best area for lower plants (such as lichens) on trees in Dorset. No option to mitigate effects on important trees that would be lost to ground clearance. The site is adjacent to the Povington and Grange Heaths SSSI, also designated SAC, SPA and Ramsar site, to the north, and West Creech SNCI to the south.
2. Protect and enhance landscape and coast	- Potential cumulative negative impact in relation to existing Povington quarry and adjacent MoD operations, in particular from the high ground to the south. The entire area is within the AONB.

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3. Protect cultural heritage	- Potential negative impact on archaeological features, such as Pomfrey's Plantation Barrow, a Scheduled Monument. The access route would pass the Grade 1 listed building of Creech Grange, although there is unlikely to be a net increase in vehicle movement than at present.
4. Protect water resources	- Potential negative impact on the quality and quantity of water resources within the adjacent SAC, SPA and Ramsar site.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality.
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce ball clay resources. Sand resources would be conserved.
9. Improve health	- Health would not be improved
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created

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11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society
13. Promote economic development and job creation	0 Likely to provide a continuation of employment.
14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated
<p>Summary: There would be significant negative impact on biodiversity if extraction results in the loss of trees and hedgerows which support lichens. The site lies within the AONB and there are considered to be landscape implications with views of existing workings and MoD land from high ground to the south. The site would enable continued provision of a nationally important mineral.</p>	

MSAD BC04 Trigon, Land NW of Wareham

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Potential for limited impact on biodiversity in the Pond Plantation and Trigon Hill Plantation. + Restoration to heathland and/or acid grassland could help link Morden and Hyde Heath SSSI with Trigon Heath SNCI.
2. Protect and enhance landscape and coast	- Cumulative landscape impact in relation to existing workings to the south, in particular views from the ridge in the Dorset AONB.
3. Protect cultural heritage	- Potential negative impact on archaeological features, including Trigon Hill barrow, a Scheduled Monument, in close proximity to the site.
4. Protect water resources	0 Unlikely to impact on water resources
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality.
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved

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8. Conserve and safeguard mineral resources	- Extraction would reduce ball clay resources.
9. Improve health	- Health would not be improved.
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society
13. Promote economic development and job creation	0 Likely to provide a continuation of employment.
14. Promote public involvement	N/A

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15. Minimise waste	0 No significant waste would be generated
<p>Summary: This site would have an impact on the landscape, however in the long-term restoration could create an acceptable landform and enhance biodiversity. The site would enable continued provision of a nationally important mineral.</p>	

AGGREGATES

MSAD AS01 Binnegar – Land to the South of Puddletown Road

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Limited negative impact on biodiversity during extraction + Opportunities to enhance biodiversity through restoration to heathland and/or to maximise future open space provision to draw people away from existing heathlands around Wareham.
2. Protect and enhance landscape and coast	0 Retention of existing screening, especially to the south, would minimise any landscape impacts.
3. Protect cultural heritage	- Potential negative impact on archaeological features including the setting of Battery Bank, a Scheduled Monument.
4. Protect water resources	0 Unlikely to have adverse impact on water resources.
5. Maintain soil quality	0 The area has already been extracted for gravel and there would be little further change to soil quality following proposed extraction and restoration.
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved

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8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources.
9. Improve health	- Health would not be improved.
10. Reduce noise and dust and improve quality of life	- During extraction, some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals.
13. Promote economic development and job creation	0 Would sustain employment levels from existing Binnegar quarrying operations.
14. Promote public involvement	N/A

15. Minimise waste	0 No significant waste would be generated from extraction.
<p>Summary: There could be a negative impact on archaeology due to the proximity to Battery Bank, however the site would contribute to the supply of aggregates in a naturally screened location whilst providing an opportunity for some biodiversity enhancement.</p>	

MSAD AS02 Cannon Hill Plantation

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Although limited impact on biodiversity within the site, development could place additional pressure on neighbouring heathland through loss of public access.
2. Protect and enhance landscape and coast	- Adverse impact on landscape through loss of tree cover
3. Protect cultural heritage	- Negative impact on archaeological features including barrows and their settings. The barrows are Scheduled Monuments.
4. Protect water resources	- Limited risk to water resources
5. Maintain soil quality	0 Soil is currently of low quality and disturbance would have only limited impact

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6. Limit risk of flooding	0 Would not increase or decrease risk of flooding
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources.
9. Improve health	- Health would not be improved. There could be particular impacts, such as stress, on residents living close to any development.
10. Reduce noise and dust and improve quality of life	- During extraction, some noise and dust would be created which could impact on the residential areas of Colehill and Canford Bottom.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals.
13. Promote economic development and job creation	+ It is likely that some additional employment would be created as the site would not replace an existing operation.

14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated from extraction.
<p>Summary: Although the site would contribute to the supply of aggregates, the site is situated close to housing and there would be a loss of public amenity space which could affect important heathlands in the nearby area. There is also likely to be a negative impact on Scheduled Monuments.</p>	

MSAD AS03 Crossways, Moreton

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Potential impact on this already restored land. Smooth snakes and bats have been recorded in the vicinity.
2. Protect and enhance landscape and coast	- Negative impact during extraction. 0 Restoration would mean that there would be no long term impacts on the landscape.
3. Protect cultural heritage	0 Area has been worked in the past, therefore there is unlikely to be any archaeological features present.
4. Protect water resources	- Potential adverse impact on water resources.

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5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality
6. Limit risk of flooding	0 Would not increase or decrease risk of flooding.
7. Improve air quality	- Air quality would not be improved.
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources.
9. Improve health	- Health would not be improved.
10. Reduce noise and dust and improve quality of life	- During extraction, some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals.

13. Promote economic development and job creation	0 Likely to provide a continuation of employment to replace that from existing operations as extraction ceases at Moreton Pit.
14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated from extraction.
<p>Summary: Whilst there could be a limited negative impact on biodiversity, the site would contribute, to some extent, to sand supplies with few other negative impacts.</p>	

MSAD AS04 Dorey's Pit, Stoborough

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Would have a negative impact on biodiversity. Extraction of sand and gravel, requiring dewatering, would adversely affect surrounding heathland habitats. The site is adjacent to the Povington and Grange Heaths SSSI, also designated SPA, SAC and Ramsar site, to the west.
2. Protect and enhance landscape and coast	- Extraction of sand and gravel in addition to ball clay could increase the difficulty in creating an acceptable restored landform. Cumulative impact on the landscape in relation to existing workings. The site is within the Dorset AONB.

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3. Protect cultural heritage	- Potential negative impact on archaeological features, including Three Lords Barrow, a Scheduled Monument, on the edge of the site, and three other scheduled barrows in the vicinity.
4. Protect water resources	- Potential risk to quantity and quality of water resources by dewatering which could affect nearby heathland.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality.
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce sand and gravel resources.
9. Improve health	- Health would not be improved. There could be particular impacts, such as stress, on residents living in close proximity.
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed at this site.

12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society
13. Promote economic development and job creation	0 Likely to provide a continuation of employment.
14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated
<p>Summary: Although this site would contribute to aggregates supplies, there are likely to be negative impacts, particularly as this site is wholly within the AONB. These negative impacts include biodiversity, landscape and impacts on archaeological features and nearby residents.</p>	

MSAD AS05 East Parley Residual Reserve

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Extraction likely to have adverse impact on the Parley Common Ramsar site located between the two areas of the site. Opportunity to strengthen emerging habitat link between the main part of Parley Common to the west (designated Ramsar, SAC, SPA and SSSI) and Hurn Common to the east (designated SAC, SPA and SSSI) may partly offset this negative impact.
2. Protect and enhance landscape and coast	- Would not protect or enhance the landscape.

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3. Protect cultural heritage	0 Unlikely to have an impact on cultural heritage.
4. Protect water resources	- Possible derogation of groundwater within Ramsar site.
5. Maintain soil quality	-Disturbance of soil, especially when wet, is unlikely to maintain soil quality. However the land currently is of low agricultural quality (Grades 4 and 5).
6. Limit risk of flooding	0 Any development would be unlikely to affect the risk of flooding due to the small size of the sites.
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources.
9. Improve health	- Health would not be improved.
10. Reduce noise and dust and improve quality of life	- During extraction, some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.

12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Limited contribution to provision of minerals.
13. Promote economic development and job creation	+ Limited opportunities for job creation.
14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated from extraction.
<p>Summary: Although the site would provide a limited amount of mineral, there could be negative impacts on groundwater and therefore on the adjacent Ramsar site and its biodiversity. However, restoration to heathland could partially offset this by linking Parley Common in the west to Hurn Common in the east.</p>	

MSAD AS06 Great Plantation (or Hethfelton), Puddletown Road

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Negative impact on the considerable intrinsic ecological interest within the site. + There is some potential to enhance biodiversity during restoration through the creation of corridors to link up isolated areas of SSSI/SPA/SAC heathland.

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2. Protect and enhance landscape and coast	- Cumulative impact on landscape during extraction. Potential to open up long distance views of the development from the AONB to the south.
3. Protect cultural heritage	- Potential negative impacts on archaeological features including three barrows and a section of Battery Bank (Scheduled Monuments), which should be preserved in situ.
4. Protect water resources	- Risk to quality of ground water due to the presence of an historic landfill.
5. Maintain soil quality	0 Soil is currently of low quality and disturbance would have only limited impact
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources.
9. Improve health	- Health would not be improved.
10. Reduce noise and dust and improve quality of life	- During extraction, some noise and dust would be created.

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11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals.
13. Promote economic development and job creation	0 Likely to provide a continuation of employment to replace that from existing operations as extraction ceases at Master's Pit.
14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated from extraction.
<p>Summary: Although the site would make a significant contribute to the provision of aggregates, there could be negative impacts on scattered archaeological features as well as cumulative landscape impacts with views of the site from the AONB. There could also be negative impacts on the considerable biodiversity on the site. These negative impacts could be mitigated through the creation of heathland during restoration.</p>	

MSAD AS07 Hodge Ditch Area 2, Chard Junction Quarry

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Initial potential negative impact on wildlife interests + Current agricultural use has low biodiversity value, restoration would provide an opportunity for nature conservation.
2. Protect and enhance landscape and coast	- Adverse impact on landscape during extraction, which could affect the tranquillity of the Abbey Gardens. + In the long term there could be opportunities to enhance the landscape.
3. Protect cultural heritage	- Negative impact on Forde Abbey and its setting. Following extraction, restoration would ensure that there are no long term impacts.
4. Protect water resources	- Risk to water resources of the River Axe.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality.
6. Limit risk of flooding	+ Following extraction, possible opportunities for flood water storage.
7. Improve air quality	- Air quality would not be improved.

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8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	- Health would not be improved
10. Reduce noise and dust and improve quality of life	- During extraction, some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site. Use of dumptrucks within the quarry.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals
13. Promote economic development and job creation	0 Likely to provide a continuation of employment to replace that from existing operations as extraction ceases at Chard Junction.
14. Promote public involvement	N/A

15. Minimise waste	0 No significant waste would be generated.
<p>Summary: The site would contribute to the supply of aggregates. However, extraction could result in short-term impacts on landscape and cultural heritage in relation to Forde Abbey and the Abbey Gardens.</p>	

MSAD AS08 Horton Heath

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Would adversely impact on biodiversity during extraction as most of the site lies within Horton Common SNCI
2. Protect and enhance landscape and coast	- Significant adverse impact on landscape during extraction, particularly as the site is part of a prominent ridgeline with open views to the east. Retention of tree screen would reduce visual impact.
3. Protect cultural heritage	- Potential risk to setting of barrows within the site and to the south of site. Each is a Scheduled Monument.
4. Protect water resources	- Potential risk to quantity and quality of water resources of water course to the west of the site.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality, although much has already been disturbed by motorbike scrambling and past extraction.
6. Limit risk of flooding	- Potential adverse hydrogeological and hydrological impacts

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7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources.
9. Improve health	- Health would not be improved. There could be particular impacts, such as stress, on residents living close to any development.
10. Reduce noise and dust and improve quality of life	- During extraction, some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals.
13. Promote economic development and job creation	+ Would create limited employment opportunities.
14. Promote public involvement	N/A

15. Minimise waste	0 No significant waste would be generated from extraction.
<p>Summary: Although the site would contribute towards the supply of aggregates, there would be an adverse impact on landscape, biodiversity, as almost the entire site is an SNCI, and on archaeology, as there are Scheduled Monuments within the site.</p>	

MSAD AS09 Hurn, Hurn Court Farm

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Potential negative impact on sensitive receptors including Moors River System SSSI 0 Restoration would return the land to agriculture
2. Protect and enhance landscape and coast	- Adverse impact on landscape during extraction. 0 Following extraction, restoration would ensure that the long term impact on landscape would be neutral.
3. Protect cultural heritage	- Potential negative impact on the setting of the Grade 2 listed properties in the vicinity.
4. Protect water resources	- Potential risk to quantity and quality of water resources.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality. Potential loss of 'best and most versatile' agricultural land.

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6. Limit risk of flooding	0 There would be no increase or decrease to the risk of flooding.
7. Improve air quality	- Air quality would not be improved.
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	- Health would not be improved.
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	- Would contribute to provision of minerals.
13. Promote economic development and job creation	0 Likely to provide a continuation of employment to replace that from existing operations as extraction ceases at existing Hurn Court Farm quarry.

14. Promote public involvement	N/A
15. Minimise waste	- No significant waste would be generated.
<p>Summary: There could be an adverse impact on the neighbouring SSSI as well as on listed buildings and residential properties in the vicinity. However, the site would contribute to the supply of aggregates and impacts likely to be short-term.</p>	

MSAD AS10 Moreton Plantation, Moreton

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Would not protect biodiversity and, considering that heathland restoration has already taken place, there would be severe adverse impact particularly in the eastern section of the site. This site contains very rare species. Also restoration to water areas in the western is likely to create permanent changes to the biodiversity interest.
2. Protect and enhance landscape and coast	- Adverse impact on landscape during extraction. There are a number of well used rights of way and views from Moreton Village and areas to the south. 0 Following extraction, restoration would ensure long term impact on landscape would be neutral.
3. Protect cultural heritage	- Potential negative impact on archaeological interests such as barrows in the area. Extraction could adversely affect the setting of Clouds Hill, a Grade 2 listed building (formerly the home of Lawrence of Arabia).
4. Protect water resources	- Potential risk to quality and quantity of water flowing from site to River Frome to the south west.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality

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6. Limit risk of flooding	0 There would be no increase or decrease to the risk of flooding.
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources.
9. Improve health	- Health would not be improved.
10. Reduce noise and dust and improve quality of life	- During extraction, some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals.
13. Promote economic development and job creation	0 Likely to provide a continuation of employment to replace that from existing operations as extraction ceases.

14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated from extraction.
<p>Summary: Although the site would contribute significantly to the supply of aggregates, there would be a severe impact on biodiversity due to the presence of rare species and the recently restored heathland in the eastern half of the site. There could also be an impact on archaeology, including the setting of Clouds Hill, as well as landscape and amenity interests.</p>	

MSAD AS11 Parley Court Phase 3, West Parley

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Initially negative impact on biodiversity during extraction and infilling with inert material. + Current agricultural use has low biodiversity value, restoration to non-agricultural use could enhance biodiversity but this is not currently being proposed by the promoters of this site. The provision of public access (also not currently being proposed) in association with proposed major housing development nearby would be encouraged as it could reduce human impact on sensitive heathlands in the vicinity.
2. Protect and enhance landscape and coast	- Adverse impact on landscape during extraction and infilling with site open to views from housing in Bournemouth and the Stour Valley Way on the opposite side of the River Stour. Whilst eventual restoration to agriculture, as proposed, would result in a similar landscape in the long term, the reliance on sufficient quantities of inert fill may significantly delay final restoration.
3. Protect cultural heritage	- Potential negative impact on archaeological features including the potential presence of water meadow systems. Potential impact on the setting of a group of listed buildings around Parley Court.

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4. Protect water resources	- Risk to quality of ground water due to the presence of an historic landfill. Potential risk to quantity and quality of surface water flowing to the River Stour.
5. Maintain soil quality	- Disturbance of soil in agricultural land through extraction is unlikely to maintain soil quality.
6. Limit risk of flooding	- Infilling with inert material may reduce the flood water storage capacity and therefore increase the flood risk. Excavation close to the river could create risk of water from the river breaching its bank and flooding the operations.
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources. Reliance on inert fill for restoration would reduce material available for recycling and increase the reliance on primary aggregate.
9. Improve health	- Health would not be improved. There could be particular impacts, such as stress, on residents living close to any development and on people using the Stour Valley Way.
10. Reduce noise and dust and improve quality of life	- During extraction and infilling, some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals.

13. Promote economic development and job creation	+ It is likely that five additional jobs would be created as the site would not replace an existing operation.
14. Promote public involvement	N/A
15. Minimise waste	- Whilst no waste would be generated from extraction, infilling is not the most sustainable use of inert waste material which should wherever possible be recycled.
<p>Summary: Although the site would contribute to the supply of aggregates, there would be a significant landscape impact, which would be longer lasting as a result of the infilling proposed. There could also be an increased risk of flooding, as well as an impact on archaeology. In the long-term, restoration could provide SANG (Suitable Alternative Natural Greenspace) land.</p>	

MSAD AS12 Philliols Farm, Bere Heath

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Potential adverse impact on biodiversity due to access road through Philliols Heath and Bere Heath. Within the site there is an ephemeral pond that supports Fairy Shrimp. Bere Stream, adjoining the site, supports crayfish.
2. Protect and enhance landscape and coast	- Adverse impact on landscape during extraction. Retention of some hedgerows in situ could reduce the impact. 0 Following extraction restoration would ensure that long term impact would be neutral.
3. Protect cultural heritage	- Potential negative impact on the setting of the Grade 2 listed farm building.
4. Protect water resources	- Potential adverse impact on the ground water quantity and quality, and that of Bere Stream.

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5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality. Potential loss of 'best and most versatile' agricultural land.
6. Limit risk of flooding	0 There would be no increase or decrease to the risk of flooding.
7. Improve air quality	- Air quality would not be improved.
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	-Health would not be improved. There could be particular impacts, such as stress, on residents living close to any development.
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site. Potential affect on traffic through Bere Regis.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals.

13. Promote economic development and job creation	0 Likely to provide a continuation of employment to replace that from existing operations as extraction ceases at Warmwell.
14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated.
<p>Summary: The site would contribute to the supply of aggregates. However, there are some residential properties in close proximity and biodiversity could be affected on the site and along the access through Philliols and Bere Heaths. Whilst there would a negative impact on the landscape, progressive restoration and retention of hedgerows would help to mitigate this.</p>	

MSAD AS13 Roeshot, Christchurch

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	+ Opportunity to enhance biodiversity interest as land is currently agricultural.
2. Protect and enhance landscape and coast	- Adverse impact on landscape during extraction. Land open to long distance views from the west and north. + Following extraction restoration would ensure long term impact would be minimised and could be enhanced by adding visual interest (through planting and water features etc).
3. Protect cultural heritage	-Potential negative impact on archaeological features

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4. Protect water resources	- Risk to water resources of the River Mude
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality.
6. Limit risk of flooding	+ Extraction could create opportunities for flood water storage.
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	- Health would not be improved
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site, although internal movement of material will be by conveyor.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals

13. Promote economic development and job creation	0 There would be limited opportunity for economic development and job creation
14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated.
<p>Summary: Although there would be negative landscape impacts at the site due to long distance open views, there would be the opportunity to contribute significantly to the supply of aggregates and to enhance biodiversity and landscape in restoration.</p>	

MSAD AS14 Sturminster Marshall (Henbury Farm/Vines Close Farm)

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Negative impact on biodiversity during extraction + Current agricultural use has low biodiversity value and extraction with some restoration to lakes/woodland could add to local biodiversity interest. If publicly accessible land was to be incorporated into the restoration, the site could help protect threatened heathland elsewhere.
2. Protect and enhance landscape and coast	- Adverse impact on landscape during extraction
3. Protect cultural heritage	- Potential negative impact on archaeological features such as the former Somerset and Dorset railway line and could affect the setting of the Grade II* listed Henbury House.

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4. Protect water resources	- The site lies within Source Protection Zones 1 and 2. There could be impacts downstream on public boreholes from this development.
5. Maintain soil quality	- Disturbance of soil in agricultural land through extraction is unlikely to maintain soil quality.
6. Limit risk of flooding	- Potential obstruction of flood water during extraction. + Opportunity may arise for creating flood water storage after extraction.
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources.
9. Improve health	- Health would not be improved. There could be particular impacts, such as stress, on residents living close to any development.
10. Reduce noise and dust and improve quality of life	- During extraction, some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals.

13. Promote economic development and job creation	+ It is likely that six additional jobs would be created as the site would not replace an existing operation.
14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated from extraction.
<p>Summary: The site would contribute to the supply of aggregates, however there would be an adverse impact on the landscape and there could be impacts on public boreholes downstream from the site and historical features within the site. In the long-term, restoration could improve amenity and help to protect biodiversity on nearby heathlands through the creation of SANG (Suitable Alternative Natural Greenspace) land.</p>	

MSAD AS15 Tatchell's

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Would not protect or enhance biodiversity during extraction. 0 Although not currently proposed, there may be potential to create habitat other than agriculture following extraction.
2. Protect and enhance landscape and coast	- Adverse impact on landscape during extraction, although this is considered minimal due to screening from residential areas by a ridge of high land. Extraction of sand could create a large void with potential difficulties in creating an acceptable landform.

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3. Protect cultural heritage	0 Unlikely to have an impact on cultural heritage.
4. Protect water resources	- Potential risk to quality and quantity of River Piddle to the south.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality.
6. Limit risk of flooding	0 Unlikely to increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources.
9. Improve health	- Health would not be improved.
10. Reduce noise and dust and improve quality of life	- During extraction, some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.

12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals.
13. Promote economic development and job creation	0 Would sustain employment levels from existing Tatchell's operations.
14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated from extraction.
<p>Summary: The site would contribute to the supply of aggregates, however, although the site is well screened, there could be long-term landscape impacts through the creation of a large void.</p>	

MSAD AS16 Trigon Hill

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- There is limited existing biodiversity interest in the area already worked for ball clay. In the remaining area there is likely to be adverse impact on biodiversity, although the area is already identified as part of a Preferred Area for ball clay extraction. + Restoration to heathland following extraction of sand and gravel has potential to enhance biodiversity.
2. Protect and enhance landscape and coast	- Adverse impact on landscape during extraction. Loss of sand for restoring the landform could have a long term adverse impact on the landscape.

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3. Protect cultural heritage	0 As site has already been disturbed by ball clay extraction, there is no opportunity to protect cultural heritage or archaeology.
4. Protect water resources	0 There is not considered to be any risk to ground or surface water resources.
5. Maintain soil quality	0 Soils have already been or will be disturbed by ball clay extraction
6. Limit risk of flooding	0 Unlikely to be any impact on flooding.
7. Improve air quality	- Air quality will not be improved
8. Conserve and safeguard mineral resources	- Extraction of sand and gravel will not conserve mineral resources.
9. Improve health	- Health would not be improved.
10. Reduce noise and dust and improve quality of life	- During extraction, some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.

12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals and avoid the loss of sand and gravel resources that would otherwise be sterilised through ball clay extraction.
13. Promote economic development and job creation	+ Likely to provide a limited number of additional jobs and sustain employment levels at whichever site the extracted material is to be processed.
14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated from extraction.
<p>Summary: Some adverse impact on landscape and biodiversity through sand extraction, although creation of heathland habitat may be possible. Extraction and use of sand and gravel that would otherwise be lost during the ball clay operations would be more sustainable than treating it as a waste material.</p>	

MSAD AS17 Uddens Plantation

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Extraction would have negative impacts on biodiversity within the site (i.e. Uddens Plantation and Ameysford SNCIs) and could place additional pressure on neighbouring heathland through loss of public access.

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2. Protect and enhance landscape and coast	- Adverse impact on landscape through loss of tree cover.
3. Protect cultural heritage	- Potential negative impact on archaeological features including barrows.
4. Protect water resources	- Potential risk to quality and quantity of water flows
5. Maintain soil quality	0 Soil is currently of low quality and disturbance would have only limited impact
6. Limit risk of flooding	0 Development is unlikely to increase or decrease flooding
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources.
9. Improve health	- Health would not be improved.
10. Reduce noise and dust and improve quality of life	- During extraction, some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.

12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals.
13. Promote economic development and job creation	+ It is likely that some additional employment would be created as the site would not replace an existing operation.
14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated from extraction.
<p>Summary: Although the site would contribute to the supply of aggregates, there would be a loss of public amenity space which could affect heathlands in the area and there would be a negative impact on the two SNCIs within the site.</p>	

MSAD AS18 Wimborne Minster - River Stour

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Extraction and proposed after-use as rowing lake would not protect or enhance biodiversity. Probable net loss of function as a SANG.
2. Protect and enhance landscape and coast	- Negative impact on the open character of the River Stour Valley landscape

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3. Protect cultural heritage	- Negative impact on heritage of surrounding area and potential archaeological features
4. Protect water resources	- Risk to quality and quantity of water flowing from site to River Stour
5. Maintain soil quality	- Loss of soil through creation of lake
6. Limit risk of flooding	+ Extraction could provide opportunity for flood alleviation
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	- Health would not be improved
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.

12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society
13. Promote economic development and job creation	+ Would promote limited job creation during extraction and additional job creation through proposed after-use as rowing lake
14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated
<p>Summary: Although the site would contribute to the supply of aggregates, there would be a loss of the current function as a SANG, as well as an impact on the Stour Valley landscape and surrounding heritage. It could, however, provide an opportunity for flood alleviation.</p>	

MSAD AS19 Woodsford – North East Extension

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Initially negative impact on biodiversity during extraction + Current agricultural use has low biodiversity value, extraction with restoration partly to wet grassland could add to biodiversity interest
2. Protect and enhance landscape and coast	- Adverse impact on landscape during extraction. 0 Following extraction, restoration would ensure long term impact on landscape would be neutral

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3. Protect cultural heritage	- Potential negative impact on archaeological features and setting of Frome Bridge and Sturt's Weir.
4. Protect water resources	- Risk to quality and quantity of water flowing from site to River Frome
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality.
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	- Health would not be improved
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site, although internal movement of material will be by conveyor.

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12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society
13. Promote economic development and job creation	0 Likely to provide a continuation of employment to replace that from existing operations at Woodsford as extraction ceases.
14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated
<p>Summary: The site would contribute to the supply of aggregates. However there could be a negative impact on historical features. There would also be an impact on the landscape, although this would not be long-term.</p>	

PURBECK STONE

MSAD PK01 Belle Vue, Swanage

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Would not protect or enhance biodiversity during extraction. The proposed access crosses the Belle Vue Quarry SSSI, which could potentially adversely affect the bat colonies hibernating in the old mine shafts. + Following extraction, geodiversity and biodiversity may be enhanced.
2. Protect and enhance landscape and coast	- Potential negative impact on the highly sensitive landscape and on the amenity of footpath users. The site is within the Dorset AONB and the Heritage Coast.
3. Protect cultural heritage	+ Protects cultural heritage through maintaining the availability of Purbeck stone and associated masonry skills. - Potential impact on archaeological features.
4. Protect water resources	0 No risk to quantity or quality of water resources, as extraction would take place well above the water table.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality, however quality following restoration should be adequate for grazing.
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved

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8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	- Health would not be improved
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society
13. Promote economic development and job creation	+ Likely to provide a continuation of employment and specialised skills associated with Purbeck stone production.
14. Promote public involvement	+ Opportunities exist for educational and tourism interest associated with Purbeck stone production.
15. Minimise waste	0 Due to the nature of Purbeck stone extraction, some waste stone would be generated; however this would be used for restoration.

Summary:

The site is within the Dorset AONB and there could be negative impacts on landscape and amenity. Biodiversity in the SSSI could be affected as there would be a risk to hibernating bat colonies. However, there are opportunities in terms of continuing the supply of Purbeck Stone and the traditional industry it supports.

MSAD PK02 Blacklands Quarry, Acton

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Would not protect or enhance biodiversity during extraction. + Following extraction, geodiversity and biodiversity may be enhanced.
2. Protect and enhance landscape and coast	- Potential negative visual and amenity impacts on the landscape with short distance views from Priest's Way and the properties to the north. Cumulative impact when seen with existing workings. The site is within the Dorset AONB and the Heritage Coast.
3. Protect cultural heritage	+ Protects cultural heritage through maintaining the availability of Purbeck stone, and associated masonry skills. - Potential negative impact on archaeological features.
4. Protect water resources	0 No risk to quantity or quality of water resources, as extraction would take place well above the water table.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality, however quality following restoration should be adequate for grazing.

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6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved.
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	- Health would not be improved. There could be particular impacts, such as stress, on residents living in close proximity.
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society
13. Promote economic development and job creation	+ Likely to provide a continuation of employment and specialised skills associated with Purbeck stone production.

14. Promote public involvement	+ Opportunities exist for educational and tourism interest associated with Purbeck stone production.
15. Minimise waste	0 Due to the nature of Purbeck stone extraction, some waste stone would be generated; however this would be used for restoration.
<p>Summary: Cumulatively, there would be a negative impact on the landscape during extraction, with views from nearby properties and Priest's Way, especially as the site lies within the AONB. However, there are opportunities in terms of continuing the supply of Purbeck Stone and the traditional industry it supports.</p>	

MSAD PK03 California Quarries, Swanage

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Would not protect or enhance biodiversity during extraction. The site borders an area of calcareous grassland, designated as SSSI and SAC. + Following extraction, geodiversity may be enhanced and restoration to low grade pasture would restore present habitat.
2. Protect and enhance landscape and coast	- Negative impact on the highly sensitive landscape, particularly though extraction of the western section of the proposed area. The site is within the Dorset AONB and the Heritage Coast, and could be viewed from a number of rights of way.
3. Protect cultural heritage	+ Protects cultural heritage through maintaining the availability of Purbeck stone and associated masonry skills.
4. Protect water resources	0 No risk to quantity or quality of water resources, as extraction would take place well above the water table.

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5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality, however quality following restoration should be adequate for grazing.
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	- Health would not be improved
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society

13. Promote economic development and job creation	+ Likely to provide a continuation of employment and specialised skills associated with Purbeck stone production.
14. Promote public involvement	+ Opportunities exist for educational and tourism interest associated with Purbeck stone production.
15. Minimise waste	0 Due to the nature of Purbeck stone extraction, some waste stone would be generated; however this would be used for restoration.
<p>Summary: The site lies within the Dorset AONB and Heritage Coast and the western area could create negative landscape and visual impacts. However, overall there are opportunities in terms of continuing the supply of Purbeck Stone and the traditional industry it supports.</p>	

MSAD PK04 Downs Quarry, Langton Matravers

Sustainability Objective	Assessment
2. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	<ul style="list-style-type: none"> - The proposals would have potential adverse impact on biodiversity during extraction, particularly Downshay Wood SNCI to the west. + There is potential to increase biodiversity interest through woodland and hedgerow planting.
3. Protect and enhance landscape and coast	- Adverse impact on the landscape during extraction, as the area is open to distant views from the north and short distance views from properties to the east, however advanced woodland planting is proposed in order to minimise impact. The site is located within the Dorset AONB.

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4. Protect cultural heritage	+ Protects cultural heritage through maintaining the availability of Purbeck stone and associated masonry skills. - Potential negative impact on archaeological features as the site lies within an area of extensive quarrying rich in archaeological remains
5. Protect water resources	0 No risk to quantity or quality of water resources, as extraction would take place well above the water table.
6. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality, however quality following restoration should be adequate for grazing.
7. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
8. Improve air quality	- Air quality would not be improved
9. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
10. Improve health	- Health would not be improved. There could be particular impacts, such as stress, on residents living in close proximity.
11. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
12. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.

13. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society
14. Promote economic development and job creation	+ Likely to provide a continuation of employment and specialised skills associated with Purbeck stone production.
15. Promote public involvement	+ Opportunities exist for educational and tourism interest associated with Purbeck stone production.
16. Minimise waste	0 Due to the nature of Purbeck stone extraction, some waste stone would be generated; however this would be used for restoration.
<p>Summary: The site lies within the Dorset AONB and is open to distant views from the north and houses to the east. However, overall there are opportunities in terms of continuing the supply of Purbeck Stone and the traditional industry it supports.</p>	

MSAD PK05 South of Acton Field and Priests Way

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Would not protect or enhance biodiversity during extraction. + Following extraction, geodiversity and biodiversity may be enhanced.
2. Protect and enhance landscape and coast	- Negative impact on landscape, particularly due to cumulative impact of a cluster of sites visible from the road to Worth Matravers and Priest's Way, and other public rights of way. The site is within the Dorset AONB and the Heritage Coast.

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3. Protect cultural heritage	+ Protects cultural heritage through maintaining the availability of Purbeck stone and associated masonry skills.
4. Protect water resources	0 No risk to quantity or quality of water resources, as extraction would take place well above the water table.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality, however quality following restoration should be adequate for grazing.
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	- Health would not be improved
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.

12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society
13. Promote economic development and job creation	+ Likely to provide a continuation of employment and specialised skills associated with Purbeck stone production.
14. Promote public involvement	+ Opportunities exist for educational and tourism interest associated with Purbeck stone production.
15. Minimise waste	0 Due to the nature of Purbeck stone extraction, some waste stone would be generated; however this would be used for restoration.
<p>Summary: There would be some impact on landscape, however overall there are opportunities in terms of continuing the supply of Purbeck Stone and the traditional industry it supports.</p>	

MSAD PK06 North of Worth Matravers

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Would not protect or enhance biodiversity during extraction. + Following extraction, geodiversity and biodiversity may be enhanced.
2. Protect and enhance landscape and coast	- Negative impact on landscape, particularly due to cumulative impact of a cluster of sites visible from the road to Worth Matravers and public rights of way. The site is within the Dorset AONB and the Heritage Coast.

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3. Protect cultural heritage	+ Protects cultural heritage through maintaining the availability of Purbeck stone and associated masonry skills.
4. Protect water resources	0 No risk to quantity or quality of water resources, as extraction would take place well above the water table.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality, however quality following restoration should be adequate for grazing.
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	- Health would not be improved
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.

12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society
13. Promote economic development and job creation	+ Likely to provide a continuation of employment and specialised skills associated with Purbeck stone production.
14. Promote public involvement	+ Opportunities exist for educational and tourism interest associated with Purbeck stone production.
15. Minimise waste	0 Due to the nature of Purbeck stone extraction, some waste stone would be generated; however this would be used for restoration.
<p>Summary: There would be some impact on landscape, however overall there are opportunities in terms of continuing the supply of Purbeck Stone and the traditional industry it supports.</p>	

MSAD PK07 Land to the South of the B3069

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Would not protect or enhance biodiversity during extraction. + Following extraction, geodiversity and biodiversity may be enhanced.
2. Protect and enhance landscape and coast	- Negative impact on landscape, particularly due to cumulative impact of a cluster of sites visible from the road to Worth Matravers and public rights of way. The site is within the Dorset AONB and the Heritage Coast.

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3. Protect cultural heritage	+ Protects cultural heritage through maintaining the availability of Purbeck stone and associated masonry skills.
4. Protect water resources	0 No risk to quantity or quality of water resources, as extraction would take place well above the water table.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality, however quality following restoration should be adequate for grazing.
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	- Health would not be improved
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.

12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society
13. Promote economic development and job creation	+ Likely to provide a continuation of employment and specialised skills associated with Purbeck stone production.
14. Promote public involvement	+ Opportunities exist for educational and tourism interest associated with Purbeck stone production.
15. Minimise waste	0 Due to the nature of Purbeck stone extraction, some waste stone would be generated; however this would be used for restoration.
<p>Summary: There would be some impact on landscape, however overall there are opportunities in terms of continuing the supply of Purbeck Stone and the traditional industry it supports.</p>	

MSAD PK08 Quarr Farm, Harmans Cross

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Would not protect or enhance biodiversity during extraction. Access to the site may adversely affect the verges along Haycraft's Lane, which support a richness of wildflowers. + Following extraction, geodiversity and biodiversity may be enhanced.

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2. Protect and enhance landscape and coast	- Potential negative visual and amenity impacts on the landscape with extensive views of the site from land to the north. Cumulative impact when seen with existing workings to the south west of the proposed site. The site is within the Dorset AONB.
3. Protect cultural heritage	+ Protects cultural heritage through maintaining the availability of Purbeck stone and marble, and associated masonry skills. - Potential negative impact on archaeological features.
4. Protect water resources	- Potential contamination issues due to proximity of adjacent reservoir and risk to quality and quantity of water resources.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality, however quality following restoration should be adequate for grazing.
6. Limit risk of flooding	0 Unlikely to increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved.
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	- Health would not be improved. There could be particular impacts, such as stress, on residents living in close proximity.
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created

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11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society
13. Promote economic development and job creation	+ Likely to provide a continuation of employment and specialised skills associated with Purbeck stone production.
14. Promote public involvement	+ Opportunities exist for educational and tourism interest associated with Purbeck stone production.
15. Minimise waste	0 Due to the nature of Purbeck stone extraction, some waste stone would be generated; however this would be used for restoration.
<p>Summary: The site is within the AONB and there would be extensive views from land to the north and from nearby houses. There are also possible difficulties with access due to the sensitivity of the road verges and potential water contamination issues. There are however opportunities in terms of continued supply of Purbeck Stone and the traditional industry extraction supports.</p>	

MSAD PK09 South Downs Quarry

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	<ul style="list-style-type: none"> - The proposals would have potential adverse impact on biodiversity during extraction, particularly Downshay Wood SNCI to the north and Downshay Field SNCI to the east, through which a potential access route is proposed. + There is potential to increase biodiversity interest if woodland screen on the western edge of the site is retained (as proposed). There may be opportunity to establish a herb-rich semi-natural grassland.
2. Protect and enhance landscape and coast	- Limited impact on the landscape during extraction, as part of the site is open to distant views from high ground to the north. The site is located within the Dorset AONB.
3. Protect cultural heritage	<ul style="list-style-type: none"> + Protects cultural heritage through maintaining the availability of Purbeck stone and associated masonry skills. - Potential negative impact on archaeological features as the site lies within an area of extensive quarrying rich in archaeological remains
4. Protect water resources	0 No risk to quantity or quality of water resources, as extraction would take place well above the water table.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality, however quality following restoration should be adequate for grazing.
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved

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8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	- Health would not be improved
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed for movements to the market, however the proposal to avoid the B3069 by constructing an internal haul route to the processing area would reduce adverse traffic impacts.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society
13. Promote economic development and job creation	+ Likely to provide a continuation of employment and specialised skills associated with Purbeck stone production.
14. Promote public involvement	+ Opportunities exist for educational and tourism interest associated with Purbeck stone production.
15. Minimise waste	0 Due to the nature of Purbeck stone extraction, some waste stone would be generated; however this would be used for restoration.

Summary:

The site is within the AONB and there could be limited impacts on landscape, however, overall there are opportunities in terms of continuing the supply of Purbeck Stone and the traditional industry it supports.

MSAD PK10 Southard Quarry

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Biodiversity would not be protected, although little will be present underneath present stone stockpile. + Following extraction, geodiversity and biodiversity may be enhanced.
2. Protect and enhance landscape and coast	- Negative impact on landscape, however the site lies within a hollow separated from Swanage by a ridge. The site is within the Dorset AONB and the Heritage Coast.
3. Protect cultural heritage	+ Protects cultural heritage through maintaining the availability of Purbeck stone and associated masonry skills. - Potential negative impact on archaeological features.
4. Protect water resources	0 No risk to quantity or quality of water resources, as extraction would take place well above the water table.
5. Maintain soil quality	0 As an existing storage area, soil has already been disturbed. Restoration following extraction should enable the soil quality to be suitable for grazing.
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.

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7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	- Health would not be improved
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society
13. Promote economic development and job creation	+ Likely to provide a continuation of employment and specialised skills associated with Purbeck stone production.
14. Promote public involvement	+ Opportunities exist for educational and tourism interest associated with Purbeck stone production.

15. Minimise waste	0 Due to the nature of Purbeck stone extraction, some waste stone would be generated; however this would be used for restoration.
<p>Summary: The site is within the AONB and there would be a limited impact on the landscape, however opportunities in terms of continuing the supply of Purbeck Stone and the traditional industry it supports would be provided.</p>	

MSAD PK11 St. Aldhelm's Quarry

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	<ul style="list-style-type: none"> - Would not protect or enhance biodiversity during extraction. + Following extraction, geodiversity and biodiversity may be enhanced.
2. Protect and enhance landscape and coast	- Potential significant negative visual and amenity impacts on the landscape of the Purbeck plateau. The site is within the Dorset AONB and the Heritage Coast, and is located 450m from the World Heritage site.
3. Protect cultural heritage	<ul style="list-style-type: none"> + Protects cultural heritage through maintaining the availability of local building stone and associated masonry skills. - Potential negative impact on archaeological features, including the setting of a barrow which is a Scheduled Monument and lies close to the proposed site.
4. Protect water resources	- Potential risk to quality of water resources through slurry resulting from the sawing and polishing process reaching groundwater.

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5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality, however quality following restoration should be adequate for grazing.
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources
9. Improve health	- Health would not be improved
10. Reduce noise and dust and improve quality of life	- During extraction some noise and dust would be created
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals to meet needs of society

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13. Promote economic development and job creation	+ Likely to provide a continuation of employment and specialised skills associated with Purbeck stone production.
14. Promote public involvement	+ Opportunities exist for educational and tourism interest associated with Purbeck stone production.
15. Minimise waste	0 Due to the nature of Purbeck stone extraction, some waste stone would be generated; however this would be used for restoration.
<p>Summary: Whilst there are opportunities in terms of continuing the supply of Purbeck Stone and the traditional industry it supports, there would be significant landscape and amenity impacts affecting the AONB and World Heritage site, as well as a potential impact on archaeological features.</p>	

PORTLAND STONE

MSAD PD01 Bowers Mine, Weston

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	+ Mining stone protects and conserves existing biodiversity in the Isle of Portland SSSI.
2. Protect and enhance landscape and coast	+ Mining stone would protect the landscape and coast.
3. Protect cultural heritage	0 The area above the proposed mine contains archaeological features, however the nature of mining means that these are unlikely to be affected.
4. Protect water resources	- Potential risk to quantity or quality of water resources.
5. Maintain soil quality	+ Soil quality would be maintained.
6. Limit risk of flooding	0 Would not increase or decrease the risk of flooding.
7. Improve air quality	- Air quality would not be improved

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8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources, however the poorer quality cap and cherty series within the Portland Beds would be retained in situ for potential future extraction.
9. Improve health	- Health would not be improved.
10. Reduce noise and dust and improve quality of life	- During extraction, some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals.
13. Promote economic development and job creation	0 Would sustain employment levels from existing operations at Bower's Mine.
14. Promote public involvement	N/A

15. Minimise waste	+ Due to the nature of underground mining, waste would be minimised.
<p>Summary: The site would provide an opportunity for providing the nationally important Portland Stone, with very limited impact on biodiversity, landscape, soils, archaeology and surface features.</p>	

OTHER BUILDING STONE

MSAD BS01 Manor Farm Quarry, Melbury Abbas

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Would not protect or enhance biodiversity. The site borders Melbury Hill, designated SNCI, with Fontmell & Melbury Downs SSSI south of this. 0 Restoration would return the land to agriculture
2. Protect and enhance landscape and coast	- Potential significant negative cumulative impact with visual intrusion from footpaths. The site is within the Cranborne Chase and West Wiltshire Downs AONB.
3. Protect cultural heritage	- Potential impact on Melbury Hill Scheduled Monument.
4. Protect water resources	0 Unlikely to affect water resources.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality.
6. Limit risk of flooding	0 Would not increase or decrease risk of flooding
7. Improve air quality	- Air quality would not be improved

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8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources.
9. Improve health	- Health would not be improved. There could be particular impacts, such as stress, on residents living in close proximity.
10. Reduce noise and dust and improve quality of life	- During extraction, some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals.
13. Promote economic development and job creation	0 Likely to provide a continuation of employment to replace that from existing operations as extraction ceases.
14. Promote public involvement	N/A
15. Minimise waste	0 No significant waste would be generated from extraction.

Summary:

Whilst the site would provide a continued supply of Shaftesbury Green Sandstone, there could be significant cumulative landscape impacts affecting the AONB.

MSAD BS02 Marnhull Quarry (Whiteways Lane)

Sustainability Objective	Assessment
1. Protect, conserve and enhance biodiversity, fauna, flora and geodiversity	- Would not protect or enhance biodiversity. 0 Restoration would return the land to agriculture.
2. Protect and enhance landscape and coast	- Would not protect or enhance the landscape.
3. Protect cultural heritage	- Potential negative impact on archaeological features.
4. Protect water resources	- Potential risk to water resources of the River Stour.
5. Maintain soil quality	- Disturbance of soil through extraction is unlikely to maintain soil quality.
6. Limit risk of flooding	0 Would not increase or decrease risk of flooding

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7. Improve air quality	- Air quality would not be improved
8. Conserve and safeguard mineral resources	- Extraction would reduce mineral resources.
9. Improve health	- Health would not be improved.
10. Reduce noise and dust and improve quality of life	- During extraction, some noise and dust would be created.
11. Encourage and facilitate sustainable methods of transporting minerals	- No alternative to road transport is being proposed or appears practicable at this site.
12. Provide appropriate and sustainable supply of minerals to meet the needs of society	+ Would contribute to provision of minerals.
13. Promote economic development and job creation	0 Likely to provide a continuation of employment to replace that from existing operations as extraction ceases.
14. Promote public involvement	N/A

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15. Minimise waste	0 No significant waste would be generated from extraction.
<p>Summary: The site would provide a continued supply of limestone with limited adverse impacts.</p>	