Kirklees Local Plan Examination

Stage 2 - Minerals and Waste Sections

MATTERS, ISSUES AND QUESTIONS (MIQs)

Council Response

MATTER 11: MINERALS ALLOCATIONS

1.1 This statement sets out the council's responses in relation to the Inspector's matters and issues Matter 11 – Minerals Allocations. All the documents referred to in this statement are referenced within the main body of the statement.

Coverage and Approach

Issue: Whether the provision in the Plan for allocated minerals sites is justified, effective and consistent with national policy and the policies of the Plan.

Questions

a) Is the allocation of the minerals sites in the plan justified, effective and consistent with national policy? Explain the general site selection process for minerals sites and the influence that the SA has had on the selection of sites.

1.2 The Council considers the allocation of the minerals sites are justified, effective and consistent with national policy. Paragraph 8 and chapter 13 of NPPF and the Minerals section of NPPG provides emphasis on the need to plan for an adequate and steady supply of minerals to provide the infrastructure that industry and the economy needs. NPPG, paragraph 008 indicates that MPAs should plan for the steady and adequate supply of minerals in one or more of the following ways (in order of priority) by allocating mineral extraction sites (referred as specific sites in NPPG guidance), preferred areas and areas of search.

1.3 The Council has made use of all three of these designations with regard to allocating minerals sites within Kirklees depending on the criteria stipulated in NPPG. This approach has ensured that the Council has positively responded by providing a level of certainty as to when and where development may take place in accordance with paragraph 009 of NPPG minerals guidance.

1.4 In terms of the site selection process, the Council has followed the tests as stipulated in NPPG para.008 with regard to each specific type of mineral allocation. The minerals site allocation matrix attached at Appendix 1 provides a useful breakdown of the assessment of each site and how each site was categorised into either a mineral extraction site (specific site), preferred area or an area of search. For each site option, the Council specifically sought evidence of supportive landowners, evidence to support the presence of the relevant mineral, evidence to support the viability of the reserve and also conducted a thorough technical planning assessment including consulting a wide variety of internal and external consultees as per other site options in the local plan. Further detail of the extent and locations of each type of mineral allocation is available in s.8 Minerals Technical Paper (BP9). The technical assessments of the mineral site options can be found in the Accepted Site Options report (BP29.1).

Influence that the SA has had on selection of minerals sites:

1.5 Reasonable alternative options for minerals site allocations were identified by the Council through a number of sources including sites submitted to the Council through the Call for Sites exercise, review of Council assets and a review of existing UDP minerals allocations. This was in accordance with the site selection methodology (BP23 chapter 3 paragraph 3.1 page 5) and have been the subject of ongoing engagement as part of the development of the local plan. The Council identified those sites that were deliverable and these were the sites that were considered to be 'reasonable' options for the purposes of the SA. All reasonable alternative minerals site options were subject to SA prior to the preparation of the Draft Local Plan and the findings of that SA work informed the selection of which minerals sites to include as allocations in the Draft Local Plan. A total of 37 options were appraised at that stage and the SA findings were presented in the September 2015 SA Report for the Draft Local Plan (PC12). The SA findings for the minerals site options were initially presented in an SA summary note which was provided to the Kirklees Council officers preparing the Draft Local Plan, in order that the findings could be taken into account to inform the selection of minerals sites for inclusion in the Draft Local Plan.

1.6 Following consultation on the Draft Local Plan, a further 13 reasonable alternative minerals site options were identified and those sites were also subject to SA. In addition, one of the site options considered previously (ME1968) was no longer considered by Kirklees Council to be a reasonable alternative option, and was therefore excluded from the SA process. The October 2016 SA report (SD5) presented the SA findings for all of the remaining 49 reasonable alternative minerals site options that had been considered at both stages of Local Plan preparation. The SA did not directly recommend whether individual minerals site options should or should not be allocated in the Local Plan but identified the likely sustainability effects of each site option were it to be allocated. This information, along with other factors, informed the Council's decisions regarding which sites to allocate.

1.7 Appendix 5 of the October 2016 SA Report (SD 5) presents an audit trail of all site options (including minerals sites) considered at each stage of the Local Plan preparation process and explains the Council's reasons for selecting or rejecting each one. The Council has also produced a Rejected Site Options Report (LE4.1), which explains why rejected site options were not taken forward. In many cases, the information relating to specific sites in Appendix 5 in the SA Report demonstrates that sustainability considerations contributed to the decision making regarding which minerals sites to allocate and which to reject.

b) Briefly, set out the reasoning for the allocation of each of the following sites:

- **Mineral extraction sites – ME2568, ME1965a (new sites); ME2248c and ME2249 (previously mineral safeguarded areas in UDP) and ME2265.**
- **Preferred areas – all 3 sites**
- **Mineral areas of search – ME1965b, ME2248a, ME2259, ME2267a, ME2312a&b and ME2314**

1.8 Appendix 1 confirms the reasoning behind each specific type of accepted mineral allocation relating to NPPG guidance i.e. whether there is a willing landowner on the site, viable resources are known to exist and the proposal is likely to be acceptable in planning terms. Further detail on the technical assessment of the site and SA

assessment can also be found in the accompanying document Site Assessment Pro-formas (Appendix 2).

1.9 The Council has site specific evidence in terms of demonstrating the need for the mineral and increasing mineral operators permitted reserves to enable investment to support their business continuity in accordance with NPPG (minerals) paragraph 10 ID: 27-010-20140206.

Mineral Extraction Sites:

1.10 In all instances, mineral extraction sites had no absolute constraints identified in relation to their technical appraisal (Appendix 2) and are therefore likely to be acceptable in planning terms, a willing land owner was in place, and minerals operators had also supplied the Council with evidence demonstrating the existence of the mineral in sufficient quantity and of sufficient quality which provided a greater degree of certainty to the viability of the mineral resource. Consideration was also given to the operators need for the mineral and the likelihood of the site coming forward during the Local Plan period. This element was particularly important in understanding the importance of the mineral reserve to assist the operator's ability to secure future investment which would support the local economy, their operational needs and long-term business continuity. This approach is compliant with NPPG (minerals) paragraphs 008 ID27-008-20140306, 009 ID 27-009-20140306 and 010 ID 27-010-20140306.

1.12 ME2568
This site is close to existing mineral extraction operations and processing facilities where it is known that good quality sandstone block is produced. It is estimated that current permitted reserves will be exhausted by 2025 and this allocation would provide an opportunity for the quarry operator to secure additional permitted reserves to ensure the continued supply of this resource.

1.13 ME1965a
This site is again close to existing operational quarry operations (ME2243) which include stone sawing facilities etc. Whilst planning permission for the current quarry allows mineral extraction until 2042, it is likely that permitted reserves will be exhausted before the end of the plan period. Bearing in mind the proximity of the site to the existing quarry and that the target mineral is of local and national importance it is considered suitable for allocation taking account of all other evidence and appraisals carried out.

1.14 ME2248c
This site is immediately adjacent to an operational quarry (ME2248b) which is now under restoration but produced clay and shale for many years. It would therefore provide a logical extension for which provision has been made to access the site via the existing quarry and which could utilise a purpose built haul road linking to the wider highway network which is under the control of the quarry operator. This would therefore provide an opportunity for the quarry operator to replenish permitted reserves and continue the supply of mineral used by the operator in the manufacture of clay pipes.

1.15 ME2249
This site has been an operational quarry for several decades and has therefore been allocated as a mineral extraction site to reflect that fact.

1.16 ME2265
This site is also immediately adjacent to existing operational quarry workings (ME 2249) producing clay and shale and could therefore be accessed via the existing quarry and the current site access which links to the wider highway network. This site therefore provides a logical extension to the current workings and therefore provides an opportunity to continue the supply of this type of mineral.

Preferred Areas:

1.17 Preferred areas were included on the basis their technical site appraisal identified no absolute constraints, that evidence had been supplied by the site promoter in relation to the target mineral of its existence in sufficient quantity and being of sufficient quality. This provided a degree of certainty to the viability of the mineral resource. Likewise additional consideration was also afforded to the operators need for the mineral, particularly in relation to ensuring an increased reserve that would assist in securing future investment, support the local economy and maintain business continuity for the operator's long term future.

1.18 However it was considered that in accordance with guidance contained in NPPG (minerals) paragraph 008 ID: 27-008-20140306, as there was no evidence of a willing land owner then the sites should not be allocated as specific sites for mineral extraction but could be considered as preferred areas. Whilst this does place some degree of uncertainty on the deliverability of these sites, it is quite possible that a supportive landowner could come forward during the plan period and the site made available for mineral extraction.

1.19 ME1975
This site is immediately adjacent to an operational quarry (ME2251) which produces good quality sandstone block and close to the quarry operator's mineral processing infrastructure. It is therefore considered that this site could potentially offer a valuable reserve that, subject to the land owner's agreement could be brought forward during the plan period.

1.20 ME1966
This is another site which is immediately adjacent to an existing quarry (ME 2246) which includes stone processing infrastructure. This site produces some of the best quality ashlar block in the district and is currently predicted to be exhausted by the end of 2028. As the site could accessed via the existing quarry and utilise the existing stone processing infrastructure it is considered it provides a logical extension and therefore has the potential to continue to provide what is a high quality product throughout and beyond the local plan period.

1.21 ME3324
This site is immediately adjacent to proposed mineral extraction site ME2568 and could therefore represent a potential extension to that area should it be worked. As with ME2568, the site is close to existing stone processing facilities which could be readily utilised. Evidence provided by the site promoter indicates that this site has a viable good quality block stone reserve.

Areas of Search:

1.22 Areas of search were identified on the basis that the evidence underpinning them was less robust. In all cases there was no absolute constraint identified through the technical appraisal of these sites, however, operators were either not promoting the

site, those not promoted were UDP minerals allocations, or failed to supply evidence of the existence of the mineral in sufficient quantity and quality.

1.23 ME1965b
This site is immediately adjacent to an operational quarry (ME2263) and associated stone processing infrastructure it is therefore considered that the target mineral (sandstone block) is likely to be present and could potentially be worked and processed via the existing quarry.

1.24 ME2248a
This site is identified in the UDP as a mineral safeguarded area and is immediately adjacent to an operational quarry (ME2248b) which has produced significant quantities of clay and shale. It is therefore considered that this site is likely to contain viable quantities of this mineral.

1.25 ME2259
This site was included in the UDP as a site for future mineral working. Whilst the site is close to the River Calder and therefore likely to be underlain by sand and gravel as indicated on the BGS minerals resources map, The Council has no evidence of the potential yield from this site. However, bearing in mind the relative scarcity of this resources throughout West Yorkshire it is considered appropriate to allocate the site as an area of search therefore providing an opportunity for mineral operators to remove this mineral during the plan period.

1.26 ME2267a
This site is a minerals safeguarded site in the UDP and immediately adjacent to an active clay and shale quarry (ME2247). It is therefore considered likely that this area contains significant quantities of clay and shale which could provide an opportunity to provide additional permitted reserves.

1.27 ME2312a&b
Whilst these sites were not allocated in the UDP, ME2312a is immediately adjacent to an active clay and shale quarry (ME2247) and ME2312b is in close proximity. Again it is considered that the target mineral will be present in significant quantities and may therefore provide an opportunity for mineral operator's secure additional permitted reserves.

1.28 ME2314
This site was not allocated in the UDP but promoted by one of the district's minerals operators. Again due to the site's proximity to an operational quarry (ME2248b) and known viable reserves (ME2248c) it is considered this site is likely to include significant quantities of clay and shale.

c) What are the cumulative impacts of the proposed allocations with existing operations in particular, in the Cumberworth and Crosland Moor areas?

1.29 For minerals extraction, it is important to remember that minerals can only be extracted where they are found. In many cases this may be adjacent to or close by existing operations. Where such proposals are put forward, any quarry application would be accompanied by a detailed Environmental Statement which would identify the impacts of the site on the surrounding area. This would include assessing the potential cumulative impacts of the development. It is also important to note that minerals working are temporary development, albeit over sometimes long periods of

time, and may also have both adverse and positive environmental effects, however it is possible to effectively mitigate against negative impacts.

1.30 To ensure that consideration of the potential cumulative impact is undertaken in determining planning applications, Policy PLP36 (d) includes a requirement to consider the cumulative impacts of minerals development in a locality which addresses the requirements of PPG paragraph 17 which states "Mineral planning authorities should include appropriate policies in their minerals local plan, where appropriate, to ensure that the cumulative impact of a proposed mineral development on the community and the environment will be acceptable".

1.31 In the case of the two examples specifically mentioned, both include active minerals sites and preferred areas and or areas of search for future extraction. When any application is submitted, it will be required to demonstrate consideration of cumulative impacts of future extraction. This can in part be mitigated through phased development with progressive restoration of the worked areas as the quarry is developed. Progressive restoration of a quarry is undertaken to reduce the impacts of quarrying on the local communities. In respect of the above named areas, although the intensity of impacts is not expected to increase, in the case of both Cumberworth and Crosland, the duration of impact would increase should additional working being permitted within the areas identified.

1.32 However, it is also important to note that not all impacts can be considered negative. Where extensions to existing operations are proposed, Paragraph 010 of PPG states the following:

"The suitability of each proposed site, whether an extension to an existing site or a new site, must be considered on its individual merits, taking into account issues such as:

- need for the specific mineral;
- economic considerations (such being able to continue to extract the resource, retaining jobs, being able to utilise existing plant and other infrastructure), and;
- positive and negative environmental impacts (including the feasibility of a strategic approach to restoration).
- the cumulative impact of proposals in an area"

1.33 In the case of the above areas, the minerals to extracted are either dimension stone, of which aggregates may be a by-product, and clay and shale. These materials are important for local economy of Kirklees and ensuring the supply into local industry is maintained, this is of particular importance for clay and shale, and this is recognised in NPPF paragraph 146. Although this relates to Brick Clay and not pipe clay specifically, it is felt that this information is also of relevance to development of clay and shale in Kirklees to support the continued investment in the production of clay pipes.

1.34 Although it is recognised that there will be cumulative impacts, these are not always negative and there are also efficiencies for the minerals operators to of having sites located near to existing infrastructure as recognised in PPG Para 010 above.

1.35 The existing quarries also have a positive impact on the local economy as well as providing local employment opportunities and contributing to the steady supply of minerals into Kirklees and the wider area. The extension of these operations will allow that positive relationship to continue.

1.36 The way that the Sustainability Appraisal was carried out involved assessing the likely sustainability effects of each minerals site option individually on the baseline situation across the Plan area as a whole. The cumulative effects assessment then considered the likely effects of the Local Plan as a whole, i.e. all policies and allocated sites. The cumulative effects assessment did not look at the cumulative impacts of the numerous potential combinations of new site options with each other, or with existing operations in certain parts of the District, because the purpose of the cumulative effects assessment was to look at the Local Plan as a whole.

d) Is the allocation of the following minerals infrastructure safeguarding sites in the plan justified, effective and consistent with national policy. Explain how the safeguarding of the relevant infrastructure can be integrated into plans to regenerate Dewsbury/Ravensthorpe. Explain how the safeguarding of site MI3403 can be reconciled with the needs of Network Rail.

1.37 As per the Council's response under Matter 10 question (h) safeguarding minerals infrastructure sites has been undertaken in compliance with both NPPF paragraph 143 (bullet 4) and NPPG (Minerals) at paragraph: 006 Reference ID: 27-006-20140306. This ensures that the Council has pro-actively.

1.38 Policy PLP 40 provides sufficient flexibility to ensure that mineral infrastructure sites can be successfully integrated into the regeneration of Dewsbury/Ravensthorpe, particularly through the application of criterion b. it should also be noted that the existing infra-structure facilities can support the regeneration process due to the nature of their operations in the supply of concrete, rolled products etc.

1.39 With regard to MI3403 account has been taken with regard to NPPF and NPPG as outlined in paragraph 1.37 particularly with regard to its potential as a railway siding. Given the original UDP allocation for this site as employment, Network Rail confirmed through their representations that the land is not being supported for this use and was subsequently rejected for employment in the Local Plan. No alternative site options have been presented to the Council promoting other uses for this site, it is therefore assumed that the potential remains for the use of the site as railway sidings during the plan period.

Appendix 1

MINERALS SITE ALLOCATION MATRIX

Site	Target Mineral	Nationally Significant	Agricultural Land Classification	Evidence of willing owner	Evidence to support presence of mineral	Evidence to support viability of reserve	Addressed issues raised following in-house assessment	Code	Notes	Final PDLP Allocation
ME2259 Kirklees Lock, Clifton	Sand and gravel	No	Urban	No	Yes	No	No	1*	Former UDP mineral extraction site. Lack of evidence to support further continuation as an extraction site.	Area of Search
ME1975 Land at Moor End Farm	Sandstone (block)	Yes	4	No	Yes	Yes	Yes	3	Preferred Area	Preferred Area
ME2254 Moselden	Sandstone (Block)	Yes	N/A	Yes	Yes	Yes	None required	4	Operational Quarry	Mineral Extraction site
ME2256 R'stones	Sandstone (Block)	N/A	N/A	Yes	Yes	Yes	None required	4	Operational Quarry (Mineral extraction ceased restoration to complete)	Minerals Extraction Site
ME2240 Crosland Moor	Sandstone (Block)	N/A	N/A	Yes	Yes	Yes	None required	4	Operational Quarry (Mineral extraction ceased but used in connection with quarry operations)	Mineral Extraction Site
ME 2241 Waterh'les	Sandstone (Block)	N/A	N/A	Yes	Yes	Yes	None required	4	Operational Quarry (Mineral extraction ceased but used in connection with quarry operations)	Mineral Extraction Site
ME2242 Moorfield	Sandstone (Block)	N/A	N/A	Yes	Yes	Yes	None required	4	Operational Quarry (Mineral extraction ceased but used in connection with quarry operations)	Mineral Extraction Site
ME2258 Thewlis	Sandstone (Block)	Yes	N/A	Yes	Yes	Yes	None required	4	Operational Quarry	Mineral Extraction Site
ME2251 Justin Way (Airfield)	Sandstone (Block)	Yes	N/A	Yes	Yes	Yes	None required	4	Operational Quarry	Mineral Extraction Site
ME1965a Appleton Park Head Extension	Sandstone (Block)	Yes	4	Yes	Yes	Yes	Yes	4	New site	Mineral Extraction Site
ME 1965b	Sandstone	Yes	4	No	No	No	Yes	1*	Adjacent to an operational quarry	Area of Search

Site	Target Mineral	Nationally Significant	Agricultural Land Classification	Evidence of willing owner	Evidence to support presence of mineral	Evidence to support viability of reserve	Addressed issues raised following in-house assessment	Code	Notes	Final PDLP Allocation
Appleton Small East Extension	(Block)								(ME2263) as the site lies immediately adjacent it is likely mineral reserve will exist.	
ME2243 Appleton Quarry	Sandstone (Block)	Yes	N/A	Yes	Yes	Yes	None required	4	Operational Quarry	Mineral Extraction Site
ME2248a Bromley Farm south west extension	Clay/Shale	Yes	4	Yes	Yes	No	No	2	Operator indicates they may not develop the site due to existing constraints and presence of high pressure gas pipeline.	Area of Search
ME2248b Bromley Farm Quarry (Wavin)	Clay/Shale	Yes	N/A	Yes	Yes	Yes	None required	4	Operational quarry	Mineral Extraction Site
ME2248c Bromley Farm North East Extension Area	Clay/Shale	Yes	4	Yes	Yes	Yes	Yes	4	New site promoted by mineral operator. Needed to ensure continuity of supply.	Mineral Extraction Site
ME2253 Carr Hill	Sandstone (Block)	N/A	N/A	Yes	Yes	Yes	None required	4	Operational Quarry Mineral extraction ceased restoration to complete)	Mineral Extraction Site
ME2263 Appleton Extension	Sandstone (Block)	Yes	N/A	Yes	Yes	Yes	None required	4	Operational Quarry	Mineral Extraction Site
ME2265 Hen Perch Extension	Clay/Shale	Yes	3/4	Yes	Yes	Yes	Yes	4	New Site. Extension to an existing operational quarry.	Mineral Extraction Site
ME2314 Cumberworth Lane	Clay/Shale	Yes	3/4	No	Yes	No	No	1*	New site (close to existing workings so mineral is likely to exist)	Area of Search
ME2249 Henperch Quarry	Clay/Shale	Yes	N/A	Yes	Yes	Yes	None required	4	Operational Quarry	Mineral Extraction Site
ME 2250 Forge Lane	Sand and gravel	No	N/A	Yes	Yes	Yes	None required	4	Operational Quarry	Mineral Extraction Site
ME1966	Sandstone	Yes	4	No	Yes	Yes	Yes	3	Preferred Area	Preferred Area

Site	Target Mineral	Nationally Significant	Agricultural Land Classification	Evidence of willing owner	Evidence to support presence of mineral	Evidence to support viability of reserve	Addressed issues raised following in-house assessment	Code	Notes	Final PDLP Allocation
Hillhouse Edge	(Block)									
ME2245 (Windy Ridge)	Sandstone (Crushed Rock)	No	N/A	Yes	Yes	Yes	None required	4	Operational Quarry	Mineral Extraction Site
ME 2246 Hillhouse Edge	Sandstone (Block)	Yes	N/A	Yes	Yes	Yes	None required	4	Operational Quarry	Mineral Extraction Site
ME2252 Ox Lee	Clay /Shale	Yes	N/A	Yes	Yes	Yes	None required	4	Operational Quarry	Mineral Extraction Site
ME 2255 Woodh'se Quarry	Sandstone (Block)	Yes	N/A	Yes	Yes	Yes	None required	4	Operational Quarry	Minerals Extraction Site
ME2244 Sovereign Quarry	Sandstone (Block)	Yes	N/A	Yes	Yes	Yes	None required	4	Operational Quarry	Mineral Extraction Site
ME2247 Peace Wood	Clay/Shale	Yes	N/A	Yes	Yes	Yes	None required	4	Operational Quarry	Mineral Extraction Site
ME2267a Peace Wood northern extension areas	Clay/Shale	Yes	4	No	Yes (northern area – former UDP allocation)	No	Yes	2	Former UDP mineral safeguarded site.	Area of Search
ME2257 Temple Quarry	Sandstone (Crushed rock)	No	N/A	Yes	Yes	Yes	None required	4	Operational Quarry	Mineral Extraction Site
ME2312a Peace Wood Quarry Southern extension	Clay/Shale	Yes	4	No	No	No	Yes	1*	New site (immediately adjacent to existing workings so mineral is likely to exist)	Area of Search
ME2312b Peace Wood Quarry North eastern extension	Clay/Shale	Yes	4	No	No	No	Yes	1*	New site (close to existing workings so mineral is likely to exist)	Area of Search

Site	Target Mineral	Nationally Significant	Agricultural Land Classification	Evidence of willing owner	Evidence to support presence of mineral	Evidence to support viability of reserve	Addressed issues raised following in-house assessment	Code	Notes	Final PDLP Allocation
ME2568 JWQ North of Whitehead Lane	Sandstone (Block)	Yes	4	Yes	Yes	Yes	Yes	4	New site.	Mineral Extraction Site
ME3324 Land south of Intake Lane (phase B)	Sandstone (Block)	Yes	4	No	Yes	Yes	Yes	3	Preferred Area	Preferred Area

Code key:

4 - Specific site

3** - Specific site

3 – Preferred Area

2* – Preferred Area

2 – Area of Search

1* – Area of Search

** inc. willing land owner and evidence of mineral and its viability

* inc. evidence of mineral reserve or close proximity to existing workings

Note: code has been calculated using information contained in columns 5 to 8

Appendix 2

Mineral extraction sites, Minerals areas of search and Minerals preferred areas

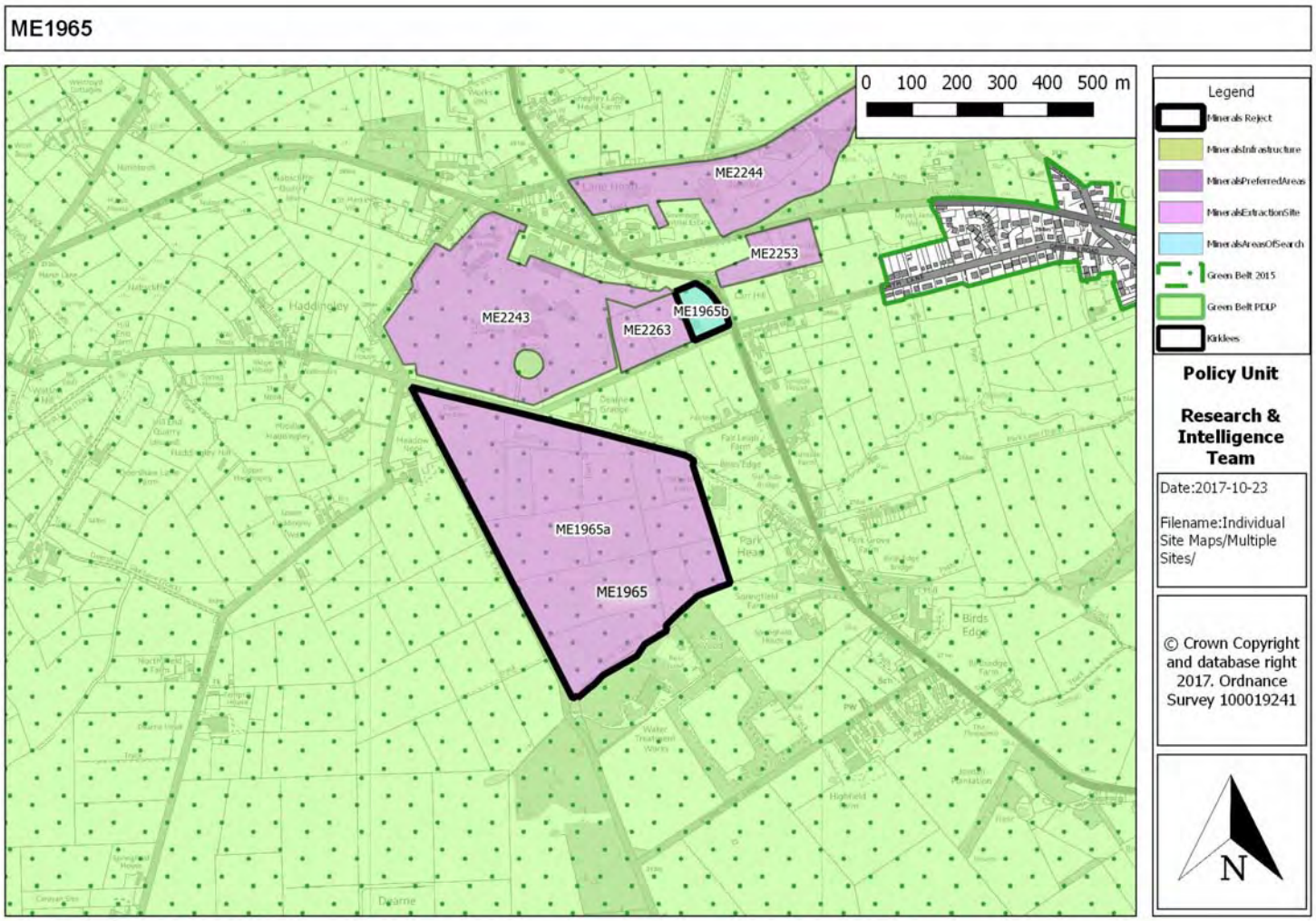
Site Maps, Technical Summaries and Sustainability Appraisals

Notes:

Maps for accepted sites show other accepted minerals sites in the surrounding area.

Maps for rejected options show the rejected option with a thick black border and other accepted minerals sites in the surrounding area.

ME1965 - Appleton Quarry, Park Head Lane, Haddingley



ME1965 **Appleton Quarry, Park Head Lane, Haddingley**

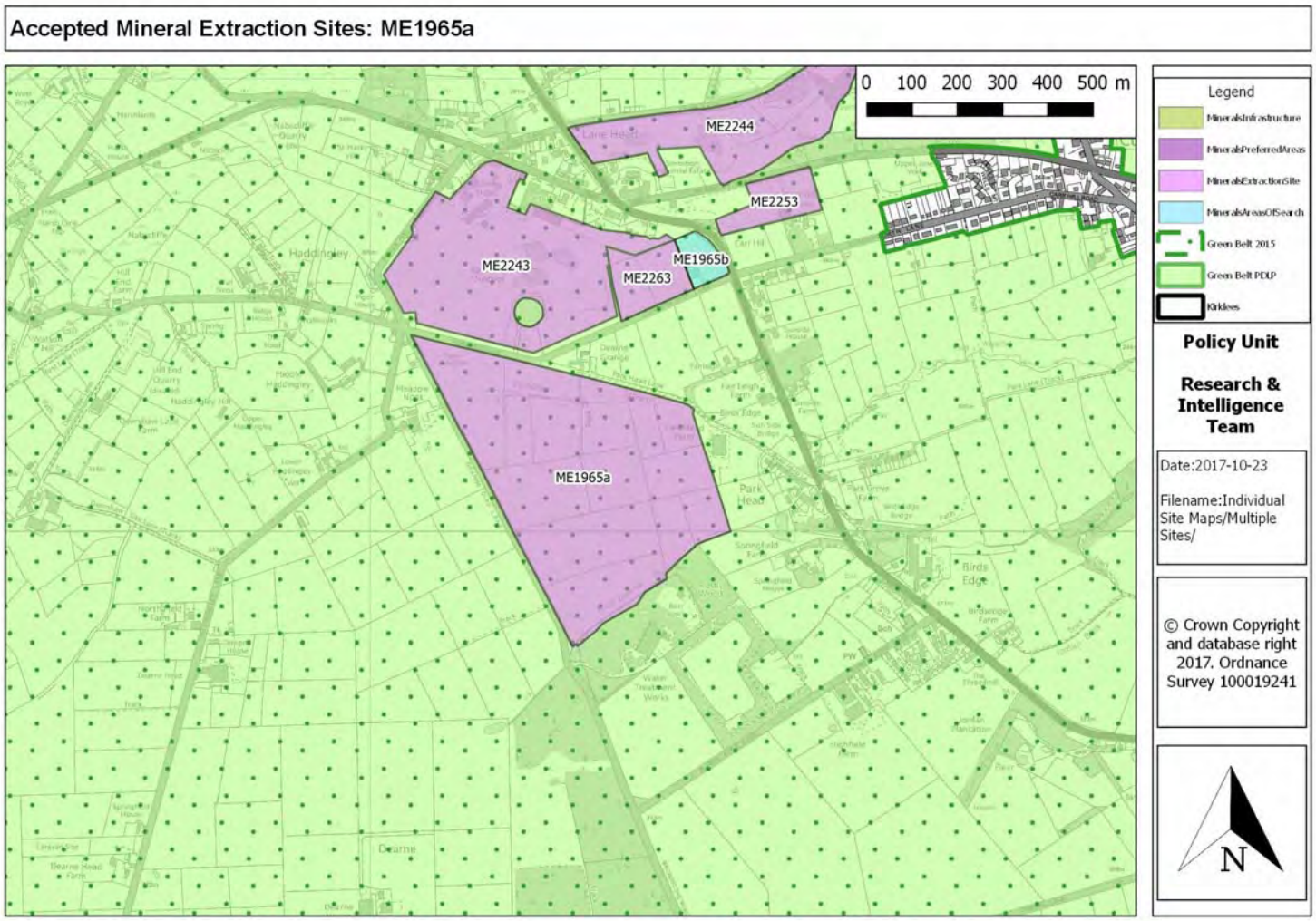
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	Greenfield
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	25.31
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Reject

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No significant constraints
Historic Environment		Ancient monument 1.2km south of the southern boundary. Likely impact considered to be low. KOMPASS layers do not indicate any further historical / heritage asset issues. WYAAS indicate no significant implications
Flood risk and Drainage		Yorkshire Water foul main crossing the site no other constraints identified
Highways/Transport		Access is achievable. Visibility splays required are 2.4 x 215m(60mph speed limit). Access not suitable via Dearne Dike Lane due to narrow width. Smaller site to the north east can be accessed from Cumberworth Lane. 2.4m x 120m (40mph speed limit) visibil
Environmental Protection		Due to the nature of the mineral extraction operations there is potential for air, noise issues. Phase 1 and 2 contamination reports required.
Other Constraints		None identified.
Open Space		No issues identified. Although strategic green network in close proximity to southern boundary. Restoration of the site could bring forward potential improvements.
Public Health		Unlikely to be any significant issues in this location. Public Health confirm no applicable health problems
Green Belt Edge	N/A	N/A
Green Belt Site		Minerals extraction is considered to be an appropriate use within the green belt.
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Site has now been split into two separate allocations ME1965a and ME1965b

ME1965: Appleton Quarry, Park Head Lane, Haddingley, Shepley		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors with dwellings at Cumberworth Lane, Barnsley Road, Holmfirth Road, Cross Lane and Park Head Lane located to the north, a minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	The site is within 250m of PROW Den/78/30, and so the extraction of minerals at this site may make the PROW less attractive for users and impact on amenity. As such, a minor negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible, although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 but the River Dearne and Park Dike run through the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: No potential significant effects have been identified.		

ME1965a - Appleton Quarry, Park Head Lane, Haddingley



ME1965a **Appleton Quarry, Park Head Lane, Haddingley**

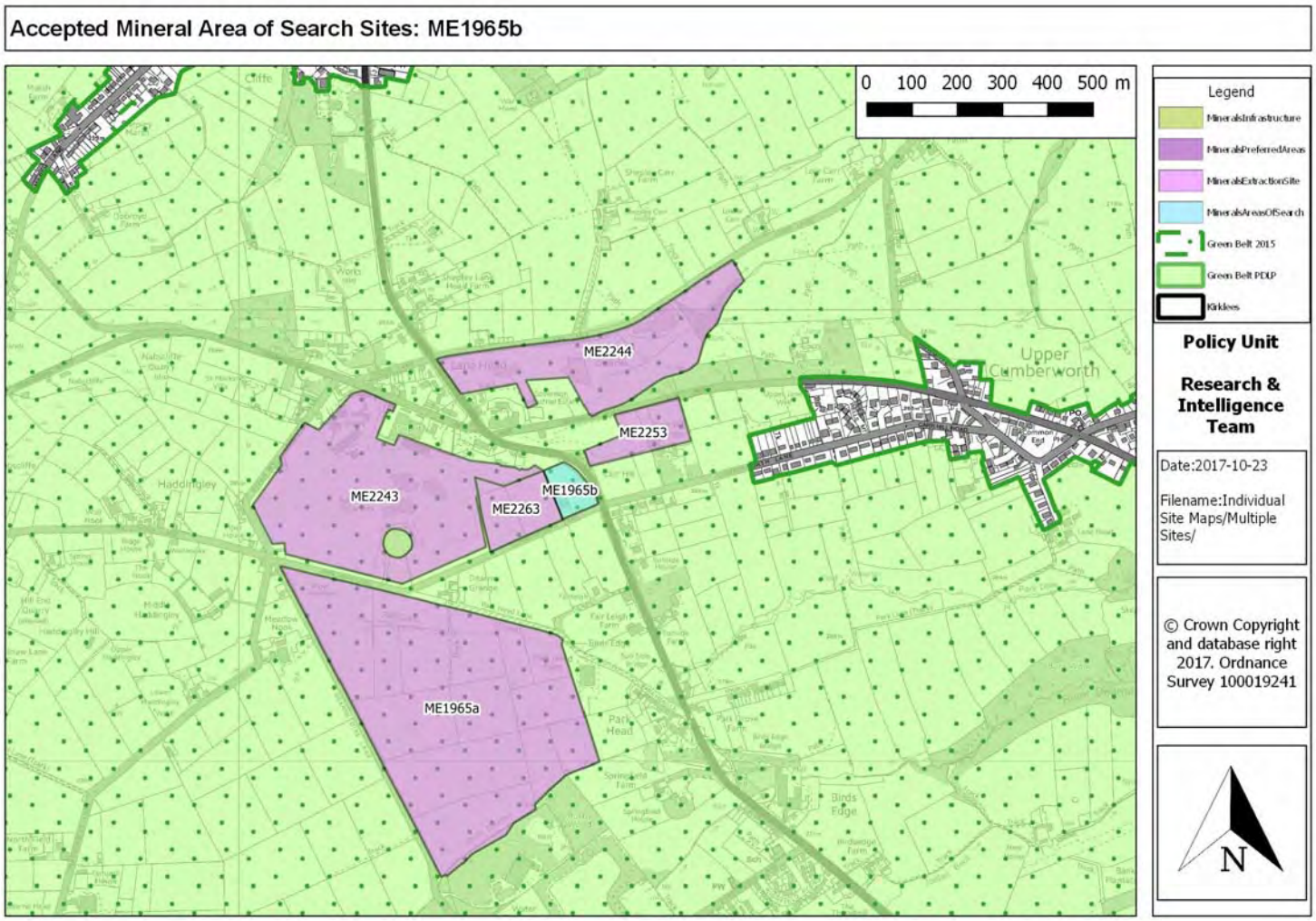
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	24.43
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No significant constraints
Historic Environment		Ancient monument 1.2km south of the southern boundary. Likely impact considered to be low. KOMPASS layers do not indicate any further historical / heritage asset issues. WYAAS indicate no significant implications
Flood risk and Drainage		YW infrastructure crosses the site. No other constraints identified
Highways/Transport		Access can be achieved from Park Head Lane (not Park Head Lane (Track), which is unsurfaced). 2.4 x 215m visibility splays required (60mph speed limit). Although the full 215m "y" distance is unachievable, visibility can be achieved to the junction to the
Environmental Protection		Due to the nature of the mineral extraction operations there is potential for air, noise issues. Phase 1 and 2 contamination reports required.
Other Constraints		None identified.
Open Space		No issues identified. Although strategic green network in close proximity to southern boundary. Restoration of the site could bring forward potential improvements.
Public Health		Unlikely to be any significant issues in this location. Public Health confirm no applicable health problems
Green Belt Edge	N/A	N/A
Green Belt Site		Mineral extraction is considered to be appropriate development within the Green Belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	

ME1965a: Appleton Quarry, Park Head Lane, Haddingley		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors (dwellings). A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	There is an open space or right of way within 250m of the site and so the extraction of minerals at this site may make it this less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible, although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Locally Designated Biodiversity Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 but the River Dearne and Park Dike run through the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: No potential significant effects have been identified.		

ME1965b - Appleton Quarry, Park Head Lane, Haddingley



ME1965b **Appleton Quarry, Park Head Lane, Haddingley**

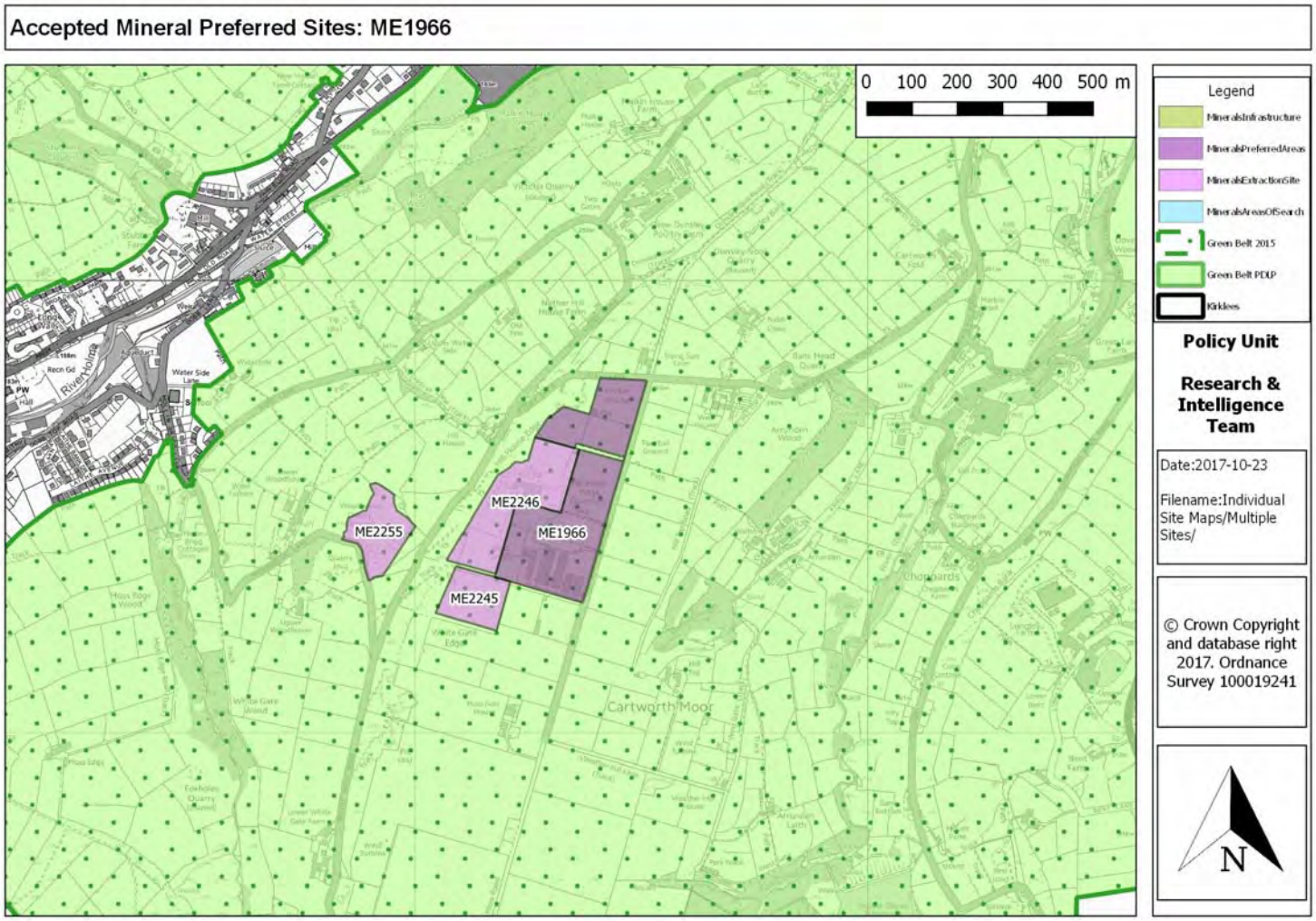
Proposed Land Use	Mineral areas of search
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	0.88
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No significant constraints
Historic Environment		No apparent significant archaeological implications
Flood risk and Drainage		No significant constraints
Highways/Transport		Access can be achieved from Cumberworth Lane. Speed limit is 40mph therefore 120m stopping sight distance is required. Sub-standard visibility splay to the left of the junction with Penistone Road. Junction improvements required
Environmental Protection		Mitigation will be required with regard to nearest residential properties.
Other Constraints		None identified.
Open Space		No issues identified
Public Health		Ni significant issues identified
Green Belt Edge	N/A	N/A
Green Belt Site		Mineral extraction is considered to be appropriate development within the Green Belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Proposed change to Area of Search as no evidence of a willing landowner

ME1965b: Appleton Quarry, Park Head Lane, Haddingley		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This area is within 500m of sensitive receptors (dwellings). A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	0/+?	There is an open space or right of way more than 250m from the site and so the extraction of minerals at this site will not make it less attractive for users and will not impact on amenity. As such, a negligible effect is likely on this SA objective
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible, although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Locally Designated Biodiversity Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and there are no water bodies within or adjacent the site; therefore a negligible effect on this SA objective is likely. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: No potential significant effects have been identified.		

ME1966 - Hillhouse Edge Quarry, Cartworth Moor Road, Cartworth Moor



ME1966 **Hillhouse Edge Quarry, Cartworth Moor Road, Cartworth Moor**

Proposed Land Use	Minerals preferred areas
Is the site Green/Brownfield?	Greenfield
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	7.39
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

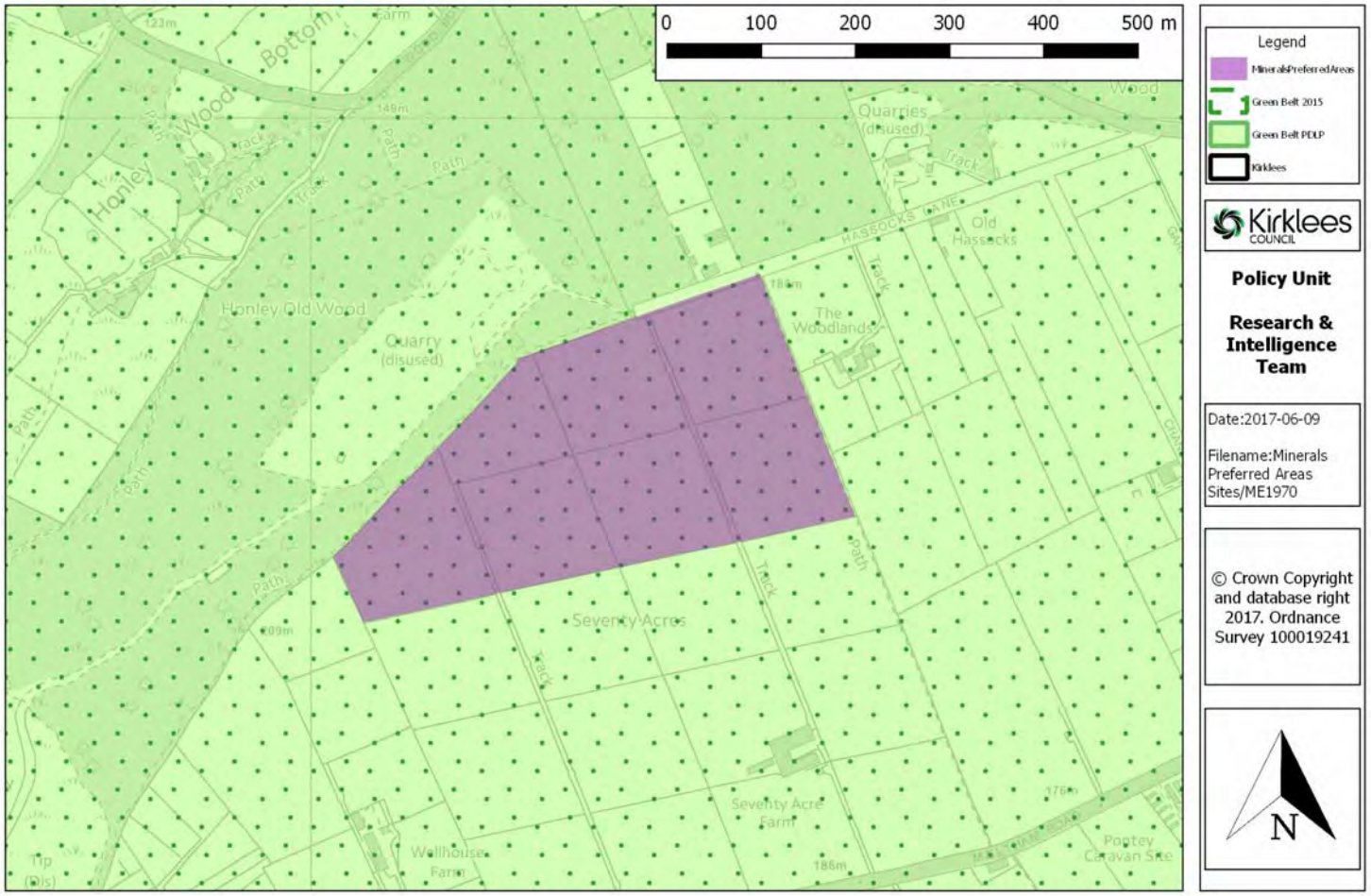
Education	N/A	N/A
Biodiversity		Mineral extraction from this site would be acceptable subject to adequate mitigation with regard to environmentally sensitive sites which are in close proximity
Historic Environment		No significant constraints.
Flood risk and Drainage		No significant issues.
Highways/Transport		Access to the site can be achieved to the allocation area via the existing quarry site access which is owned and operated by the site promoter.
Environmental Protection		Potential for issues relating to residential amenity i.e. air quality, noise etc.
Other Constraints		None identified.
Open Space		site falls within strategic green infrastructure allocation. However, it is considered that the operation of a mineral site in this location would not compromise this allocation and the subsequent restoration of the site could provide significant ecologic
Public Health		Low levels of physical activity in this area. Will require adequate opportunities for physical activity to be delivered.
Green Belt Edge	N/A	N/A
Green Belt Site		Minerals extraction is an acceptable use within the green belt.
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Allocate as a Preferred Area - No significant constraints identified. Existing quarry produces very high quality dimension stone used in both local and national projects including heritage restoration. It is therefore important to maintain continuity of s

ME1966: Hillhouse Edge Quarry, Cartworth Moor Road, Cartworth Moor, Holmfirth

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors with dwellings at Stoney Gate, Hill House Road and Gill Lane located to the north and Hill Top Road to the east, a minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	A cricket pitch is included within the site and there are PROWs HOL/107/10; HOL/165/30 and HOL/95/20 within 250m of the site and so the extraction of minerals at this site may lead to the loss of the cricket pitch and make the PROWs less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible, although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and there are no water bodies within or adjacent the site; therefore a negligible effect on this SA objective is likely. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 8: recreation facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME1970 - Seventy Acre Farm, Meltham Road, Honley

Rejected Minerals Preferred Areas Sites: ME1970



ME1970 **Seventy Acre Farm, Meltham Road, Honley**

Proposed Land Use	Minerals preferred areas
Is the site Green/Brownfield?	Greenfield
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	11.14
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Reject

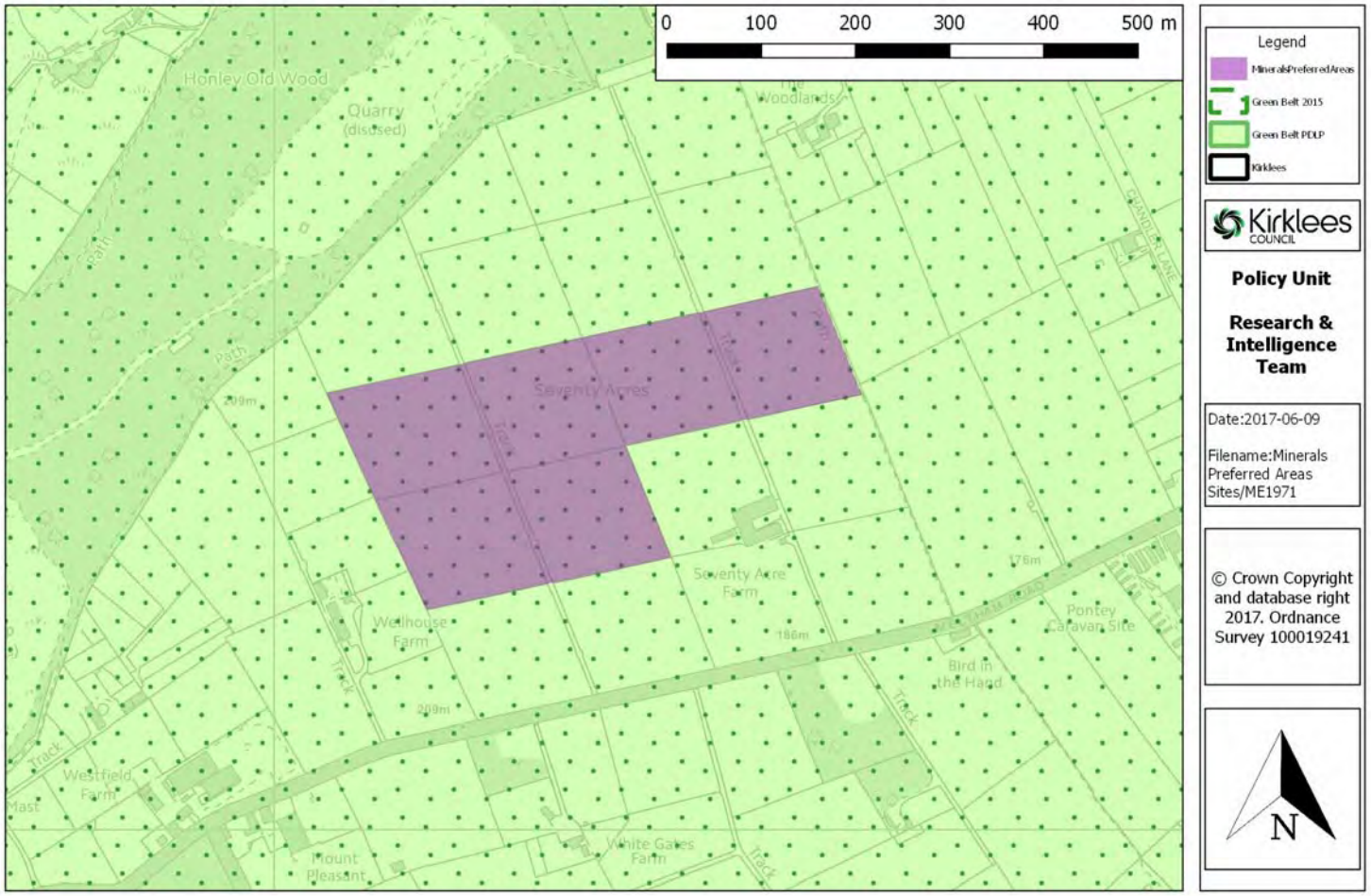
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		Development could be acceptable subject to adequate mitigation with regard to nearby ancient woodland
Historic Environment		Impact upon grade II listed buildings and Scheduled Cairnfields. Mitigation required. Site close to scheduled site PRN7. Predetermination archaeological assessment required.
Flood risk and Drainage		Proposed excavation will require an assessment of how surface run off may be affected, intercepted and dealt with. Linear Patterns associated with a watercourse are shown downstream.
Highways/Transport		Hassocks Lane is considered unsuitable for use by HGVs. However access could be achieved via existing access which was created to serve former landfill at Honley Wood or directly via Meltham Road subject to alterations
Environmental Protection		Potential for issues relating to residential amenity i.e. air quality, noise etc.
Other Constraints		None identified.
Open Space		No significant issues identified
Public Health		Low levels of physical activity in this area. Will require adequate opportunities for physical activity to be delivered.
Green Belt Edge	N/A	N/A
Green Belt Site		Minerals extraction is an appropriate use within the green belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	The Council does not believe that planning permission can be reasonably anticipated. This site was an accepted mineral extraction site in the Draft Local Plan. This option has been rejected as a mineral extraction site and considered as a mineral prefe

ME1970: Seventy Acre Farm, Meltham Road, Honley		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors with dwellings at Hassocks Lane to the North, Chandler Lane to the east, Wood Bottom Farm to the west and Meltham Road to the south, a minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	PROW HOL/3/60 is situated within the site so the extraction of minerals at this site may lead to the loss of these PROWs or the re-directing of these PROWs which may make the PROWs less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible, although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and there are no water bodies within or adjacent the site; therefore a negligible effect on this SA objective is likely. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objectives 8: recreation facilities and 14: biodiversity and geodiversity as part of a mixed effect overall. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME1971 - Seventy Acre Farm, Meltham Road, Honley

Rejected Minerals Preferred Areas Sites: ME1971



ME1971	**Seventy Acre Farm, Meltham Road, Honley**
Proposed Land Use	Minerals preferred areas
Is the site Green/Brownfield?	Greenfield
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	9.88
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Reject

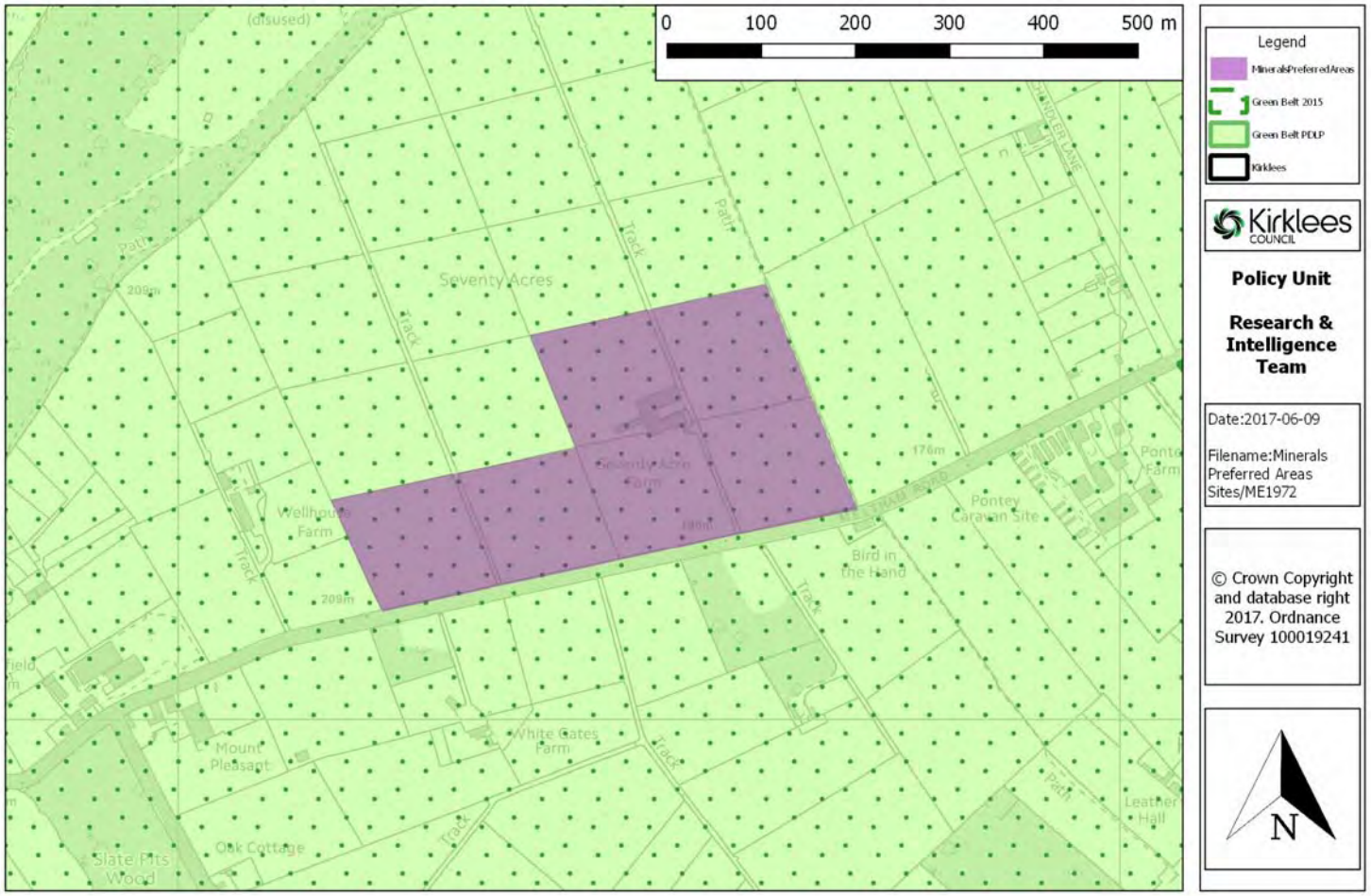
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No significant issues.
Historic Environment		Impact upon grade II listed buildings and Scheduled Cairnfields. Mitigation required. Site close to scheduled site PRN7. Predetermination archaeological assessment required.
Flood risk and Drainage		Proposed excavation will require an assessment of how surface run off may be affected, intercepted and dealt with. Linear Patterns associated with a watercourse are shown downstream.
Highways/Transport		Access can be achieved. The site could be accessed Via ME1970 or ME1972 all three proposed allocations when worked in sequence either from north to south or south to north.
Environmental Protection		Potential for noise and air impacts. Air and noise impact assessments will be required.
Other Constraints		None identified.
Open Space		No significant issues identified
Public Health		Low levels of physical activity in this area. Will require adequate opportunities for physical activity to be delivered.
Green Belt Edge	N/A	N/A
Green Belt Site		Minerals extraction is an appropriate use within the Green Belt.
Exceptional Circumstances	-	N/A
Overall Conclusion	-	The Council does not believe that planning permission can be reasonably anticipated. This site was an accepted mineral extraction site in the Draft Local Plan. This option has been rejected as a mineral extraction site and considered as a mineral prefe

ME1971: Seventy Acre Farm, Meltham Road, Honley		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors with dwellings at Hassocks Lane to the North, Chandler Lane to the east, Wood Bottom Farm to the west and Meltham Road to the south, a minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	PROW HOL/6/10 and HOL/8/30 are situated within the site so the extraction of minerals at this site may lead to the loss of these PROWs or the re-directing of the PROWs. This may make the PROWs less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible, although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and there are no water bodies within or adjacent the site; therefore a negligible effect on this SA objective is likely. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 8: recreation facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME1972 - Seventy Acre Farm, Meltham Road, Honley

Rejected Minerals Preferred Areas Sites: ME1972



ME1972 **Seventy Acre Farm, Meltham Road, Honley**

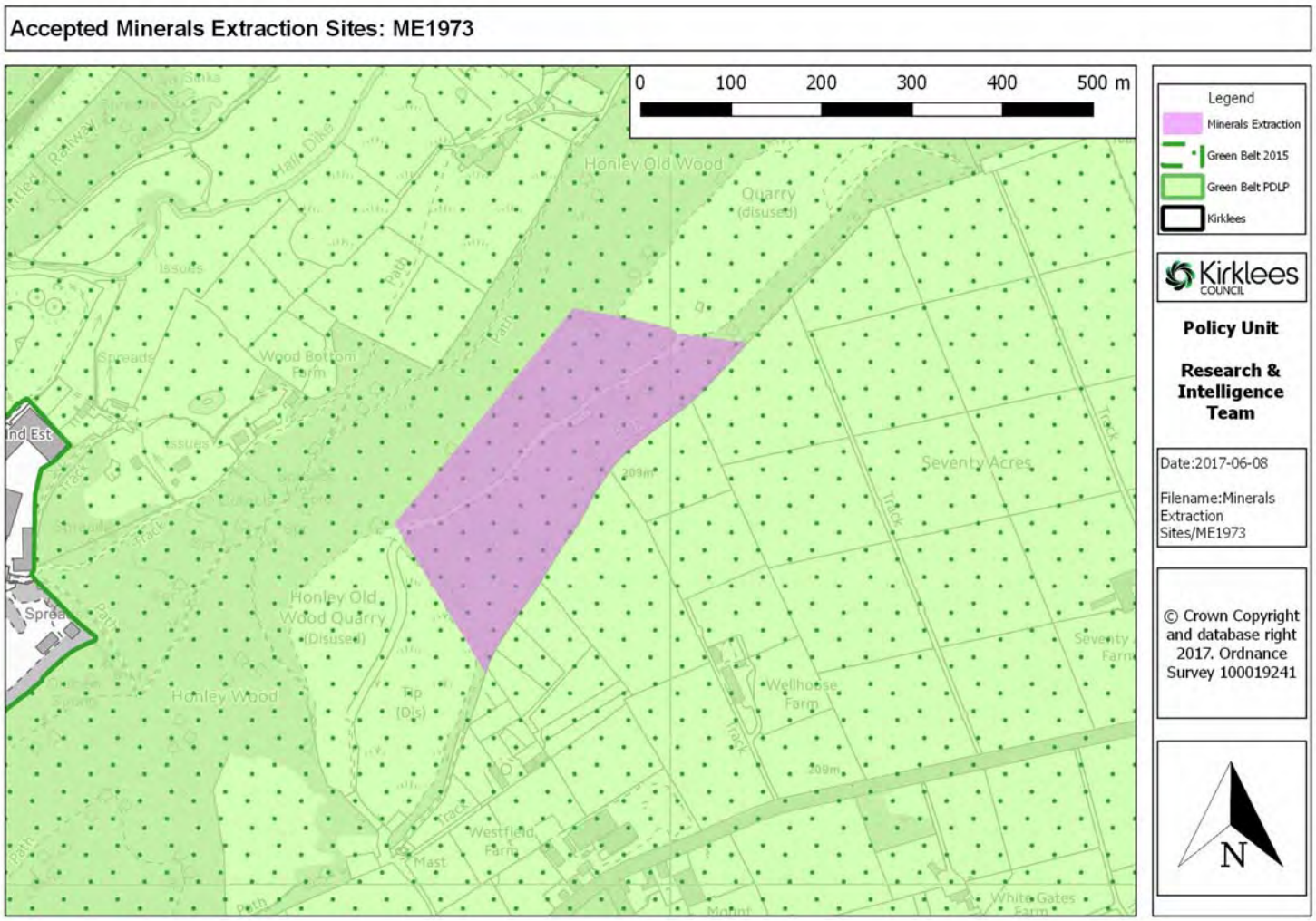
Proposed Land Use	Minerals preferred areas
Is the site Green/Brownfield?	Greenfield
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	9.86
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Reject

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No significant issues raised
Historic Environment		Impact upon grade II listed buildings and Scheduled Cairnfields. Mitigation required. Site close to scheduled site PRN7. Predetermination archaeological assessment required.
Flood risk and Drainage		Subsequent proposals to extract mineral will require an assessment of how surface run off may be affected, intercepted and dealt with
Highways/Transport		Access can be achieved from Meltham Road. 2.4m x 160m (50mph speed limit) visibility splays will be required. A right turn lane may be required to access the site from Meltham Road. PROW HOL/8/30 passes along eastern site boundary.
Environmental Protection		Potential for issues relating to residential amenity i.e. air quality, noise etc.
Other Constraints		None identified.
Open Space		No significant issues identified
Public Health		Low levels of physical activity in this area. Will require adequate opportunities for physical activity to be delivered.
Green Belt Edge	N/A	N/A
Green Belt Site		Minerals extraction is an appropriate use within the green belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	The Council does not believe that planning permission can be reasonably anticipated. This site was an accepted mineral extraction site in the Draft Local Plan. This option has been rejected as a mineral extraction site and considered as a mineral prefe

ME1972: Seventy Acre Farm, Meltham Road, Honley		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors with dwellings at Hassocks Lane to the North, Chandler Lane to the east, Wood Bottom Farm to the west and Meltham Road to the south, a minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	PROWs HOL/6/10 and HOL/8/30 are situated within the site so the extraction of minerals at this site may lead to the loss of these PROWs or the re-directing of the PROWs. This may make the PROWs less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible, although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and there are no water bodies within or adjacent the site; therefore a negligible effect on this SA objective is likely. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 8: recreation facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME1973 - Honley Wood, Honley



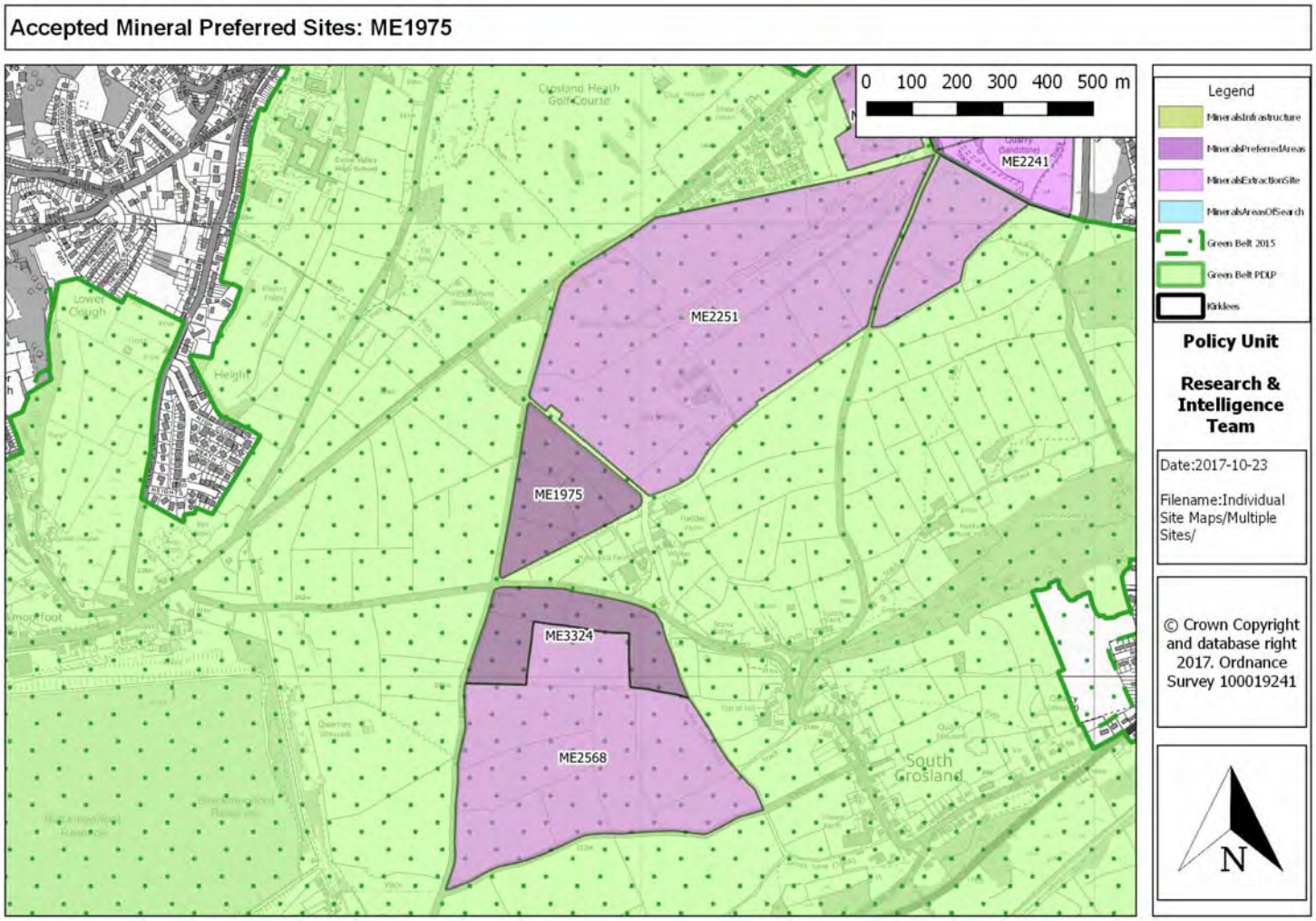
ME1973	**Honley Wood, Honley**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	Greenfield
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	6.18
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Reject

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		This site all lies within Honley Wood LWS an ancient semi-natural woodland site. This is a very important biodiversity resource. The site is likely to impact on the wider surrounding ancient woodland. Impact on habitat network - woodland corridor - would
Historic Environment		The southern edge of this site lies just over 300 metres from the a Scheduled Cairnfields. The loss of this area and its subsequent development could harm elements which contribute to the significance of this Scheduled Monument.
Flood risk and Drainage		Proposed excavation will require an assessment of how surface run off may be affected, intercepted and dealt with.
Highways/Transport		Third party land required. No site frontage to the adopted highway. Access could possibly be achieved via a private track which was used to access the now disused Honley Old Wood Quarry. However significant improvements would be required to the track to a
Environmental Protection		Air and noise impact assessments would be required. Site on potentially contaminated land, phase 1 survey needed.
Other Constraints		No constraints identified.
Open Space		N/A
Public Health		Low levels of physical activity in this area. Will require adequate opportunities for physical activity to be delivered.
Green Belt Edge	N/A	N/A
Green Belt Site		Minerals extraction is an appropriate use within the green belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Site is significantly constrained due to the entire site falling within a Local Wildlife Site (formally SSI), the Wildlife Habitat Network, Ancient Woodland and a TPO area.

ME1973: Honley Wood, Honley		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	0	The site is more than 100m from sensitive receptors therefore would have a negligible effect on this objective.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors with dwellings at Hassocks Lane to the North, Chandler Lane to the east, Wood Bottom Farm to the west and Meltham Road to the south, a minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	PROWs HOL/3a/40, HOL/3/20, HOL/3a/20 and HOL 3/10 are situated within the site so the extraction of minerals at this site may lead to the loss of these PROWs or the re-directing of the PROWs. This may make the PROWs less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible, although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and there are no water bodies within or adjacent the site; therefore a negligible effect on this SA objective is likely. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 8: recreation facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME1975 - Land at Moor End Farm, Nopper Lane, Crosland Moor



ME1975 **Land at Moor End Farm, Nopper Lane, Crosland Moor**

Proposed Land Use	Minerals preferred areas
Is the site Green/Brownfield?	Greenfield
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	6
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

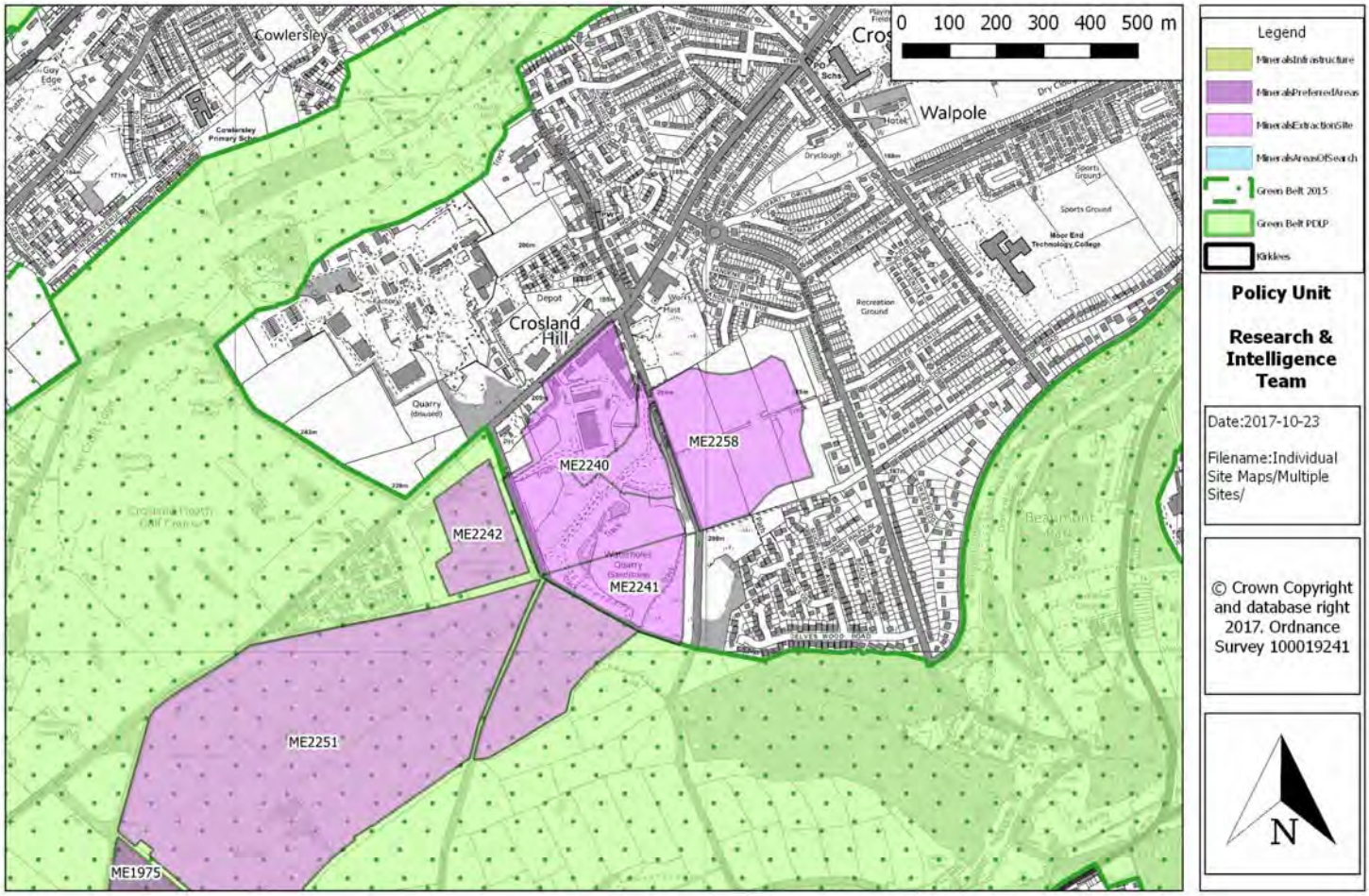
Education	N/A	N/A
Biodiversity		No significant constraints identified.
Historic Environment		Area lies 350 meters from South Crosland Conservation area. Potential for negative impact to the setting of the conservation area. Area also close to archaeological site (PRN5204). Potential mitigation required.
Flood risk and Drainage		No significant constraints
Highways/Transport		Access can be achieved 2.4m X 215m visibility splays required.. Nopper Road is a narrow road measuring between 4m and 5m with signage stating that this road is unsuitable for HGVs. Passing places or carriageway widening will be required along its length b
Environmental Protection		Potential for air quality and noise impact. Site on potentially contaminated land. Potential mitigation required
Other Constraints		None identified.
Open Space		The is no Strategic Green Infrastructure affecting the site.
Public Health		Air quality may be affected and could therefore lead to respiratory issues. Potential mitigation required
Green Belt Edge	N/A	N/A
Green Belt Site		Minerals extraction is an appropriate use in the Green Belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	No significant constraints. However, highways have identified Nopper Lane as restrictive to HGV movement and will therefore require widening in places. Need for air quality and noise impact assessment and site is close to South Crosland conservation area

ME1975: Land at Moor End Farm, Nopper Lane, Crosland Moor, Huddersfield

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors with dwellings at Blackfoot Road to the north and Intake Lane and School Hill to the South, a minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	The site is within 250m of PROWs HUD/229/10, HUD/230/40, HUD/229/40, MEL/7/10 and HUD/472/10 so the extraction of minerals at this site may make the PROWs less attractive for users and impact on amenity. As such, a minor negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible, although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and there are no water bodies within or adjacent the site; therefore a negligible effect on this SA objective is likely. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: No potential significant effects have been identified.		

ME2240 - Wellfield Quarry, Crosland Moor

Accepted Mineral Extraction Sites: ME2240



ME2240	**Wellfield Quarry, Crosland Moor**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site in not in the Greenbelt
Settlement Position	Within Settlement
Gross area (Ha)	10.35
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

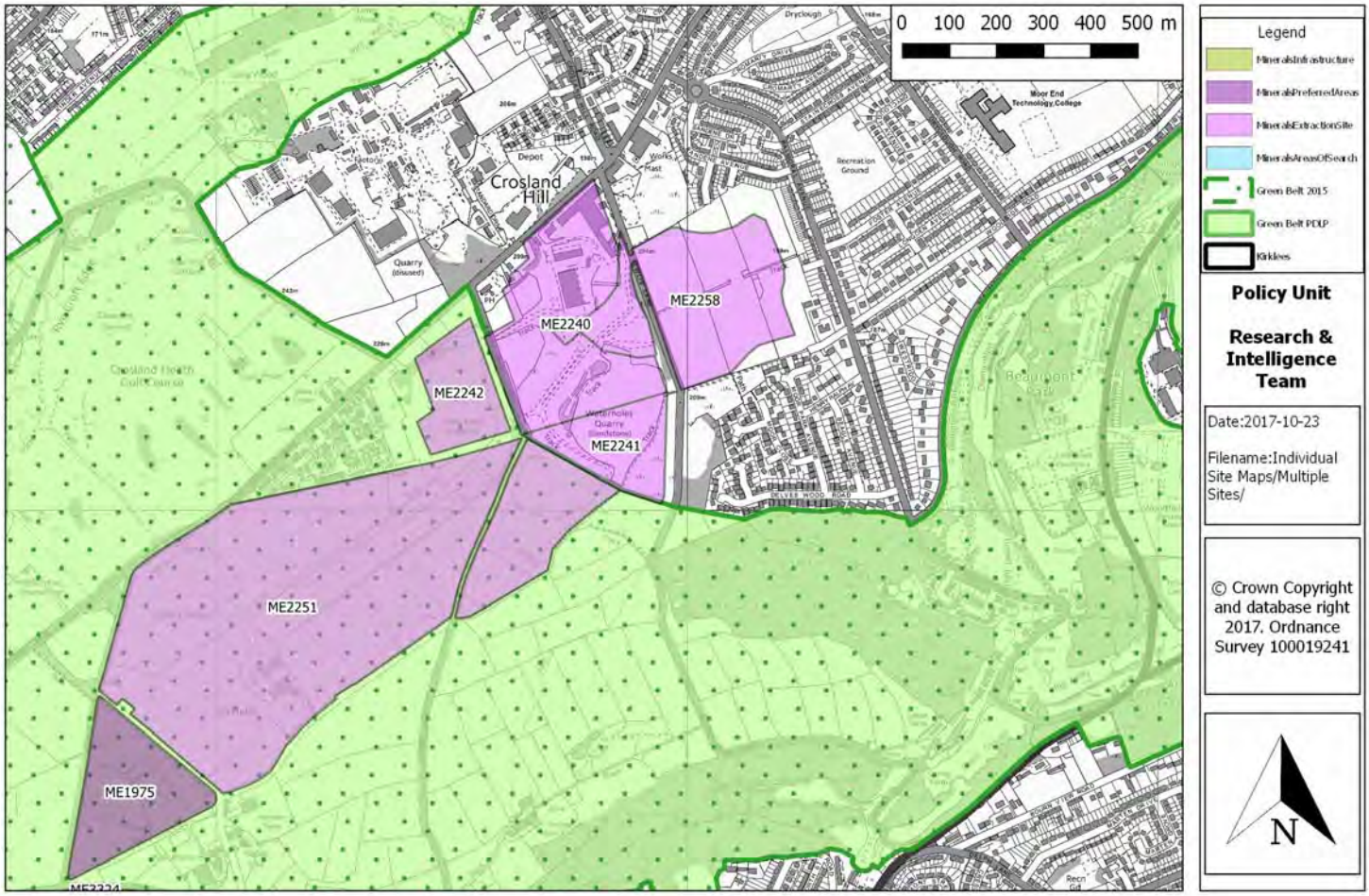
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		None identified.
Open Space	N/A	N/A
Public Health		Levels of obesity are higher than the Kirklees average. Rates of lonely and isolated in the under and over 65s are higher than the Kirklees average
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	This site represents an active mineral working no further assessment required. Option accepted

ME2240: Wellfield Quarry, Crosland Moor, Huddersfield		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors with a number of dwellings located in the surrounding areas, including at Blackmoorfoot Road , Crosland Hill Road and Greystone to the north and Woodleigh Grove to the south east, with others further, a minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	The site is within 250m of PROWs HUD/233/30, HUD/220/30 and HUD/220/10 so the extraction of minerals at this site may make the PROWs less attractive for users and impact on amenity. As such, a minor negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 but is adjacent to water bodies; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: No potential significant effects have been identified.		

ME2241 - Waterholes Quarry, Crosland Moor, Huddersfield,

Accepted Mineral Extraction Sites: ME2241



ME2241 **Waterholes Quarry, Crosland Moor, Huddersfield,**

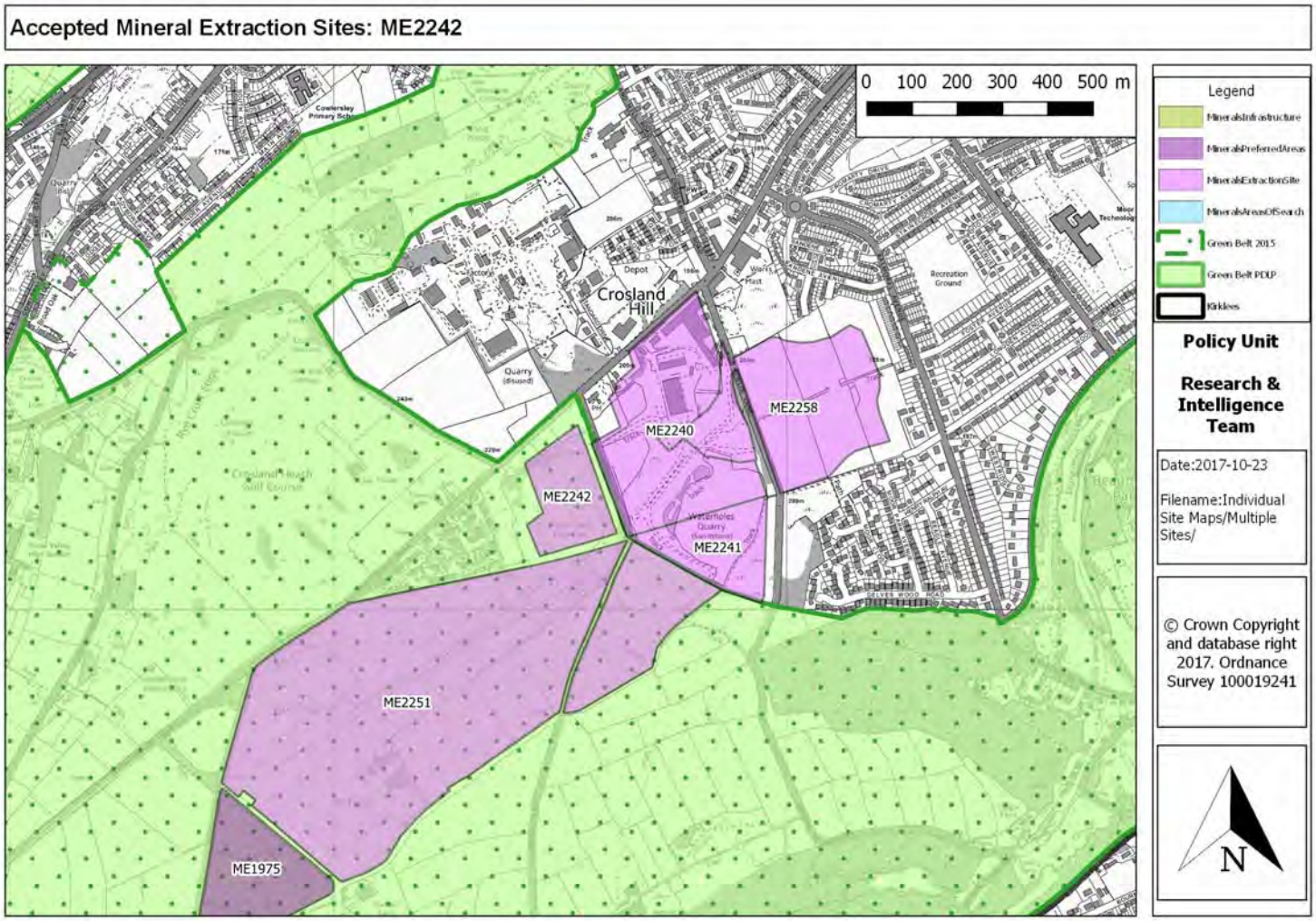
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site in not in the Greenbelt
Settlement Position	Within Settlement
Gross area (Ha)	3.91
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		None identified.
Open Space	N/A	N/A
Public Health		Levels of obesity are higher than the Kirklees average. Rates of lonely and isolated in the under and over 65s are higher than the Kirklees average
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Represents an active mineral working which has been partially restored but includes access to other operational areas and therefore requires allocation to ensure final restoration.

ME2241: Waterholes Quarry, Crosland Moor, Huddersfield		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	0	The site is more than 100m from sensitive receptors therefore would have a negligible effect on the sensitive receptor.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors with a number of dwellings located in the surrounding areas, including those along and off Balmoral Avenue and surrounding roads such as Delves Wood Road, Moor Close, Moor Park Avenue, Henry Ralph Avenue and Beagle Avenue to the east, at Blackmoorfoot Road , Crosland Hill Road and Greystone to the north and Woodleigh Grove to the south east, with others further, a minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	PROW HUD/233/30 is situated within the site so the extraction of minerals at this site may lead to the loss of this PROWs or the re-directing of this PROW which may make the PROW less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 but is adjacent to water bodies; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 8: recreation facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2242 - Moorfield Quarry, Crosland Moor, Huddersfield,



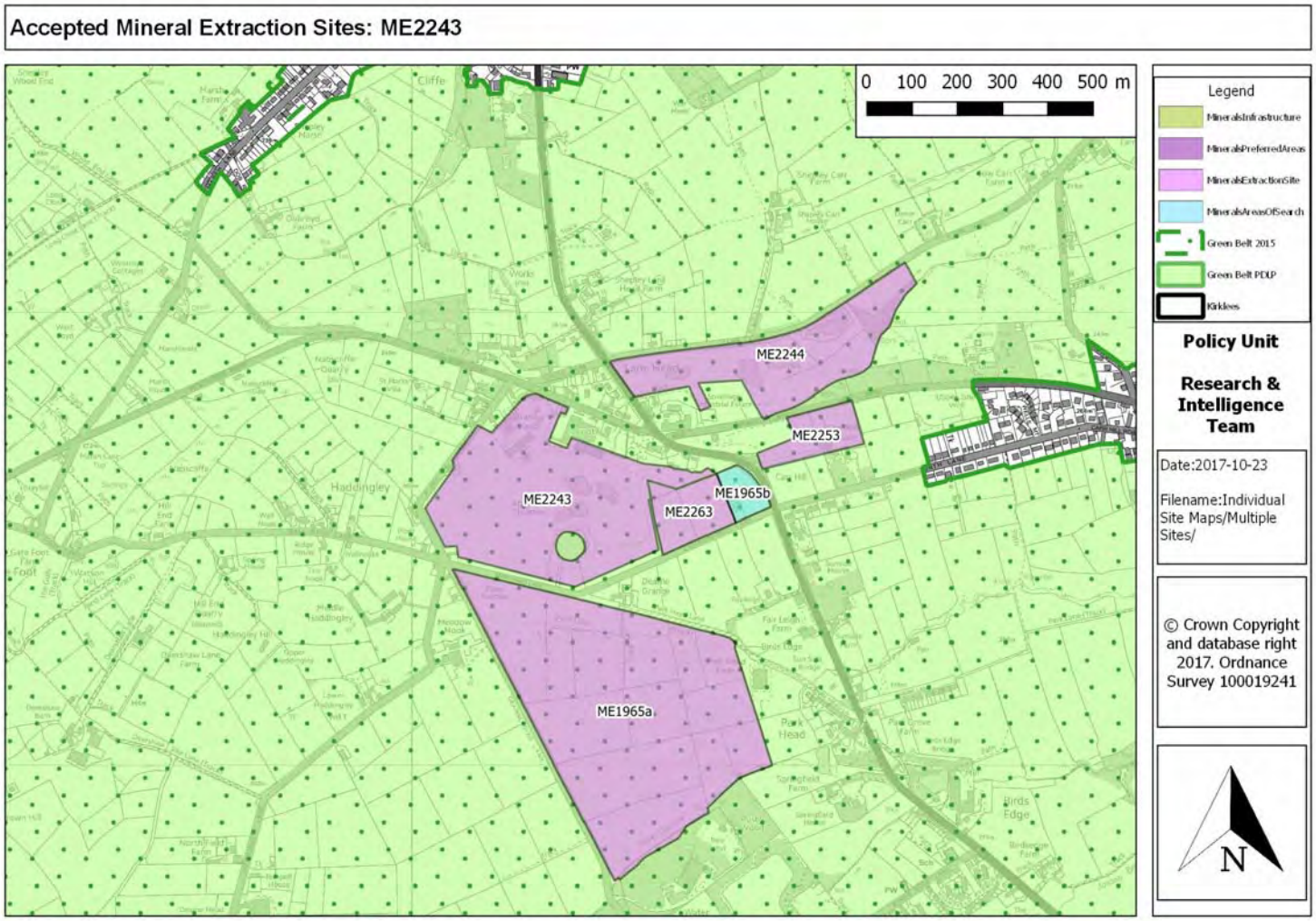
ME2242	**Moorfield Quarry, Crosland Moor, Huddersfield,**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Settlement Extension
Gross area (Ha)	3.53
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		None identified.
Open Space	N/A	N/A
Public Health		Levels of obesity are higher than the Kirklees average. Rates of lonely and isolated in the under and over 65s are higher than the Kirklees average
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Reserve has been worked out but still forms part of an active mineral working (void is used as a minerals processing area for mineral from M5i and M2v areas)

ME2242: Moorfield Quarry, Crosland Moor, Huddersfield		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	0	The site is more than 100m from sensitive receptors therefore would have a negligible effect on the sensitive receptor.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors with a number of dwellings located in the surrounding areas, including those along Delves Wood Road, Moor Close to the east, Blackmoorfoot Road to the north, and a holiday park is located to the west, a minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	The site is within 250m of PROs HUD/223/30 so the extraction of minerals at this site may make the PROWs less attractive for users and impact on amenity. As such, a minor negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and there are no water bodies within or adjacent the site; therefore a negligible effect on this SA objective is likely. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: No potential significant effects have been identified.		

ME2243 - Appleton Quarry, Shepley,



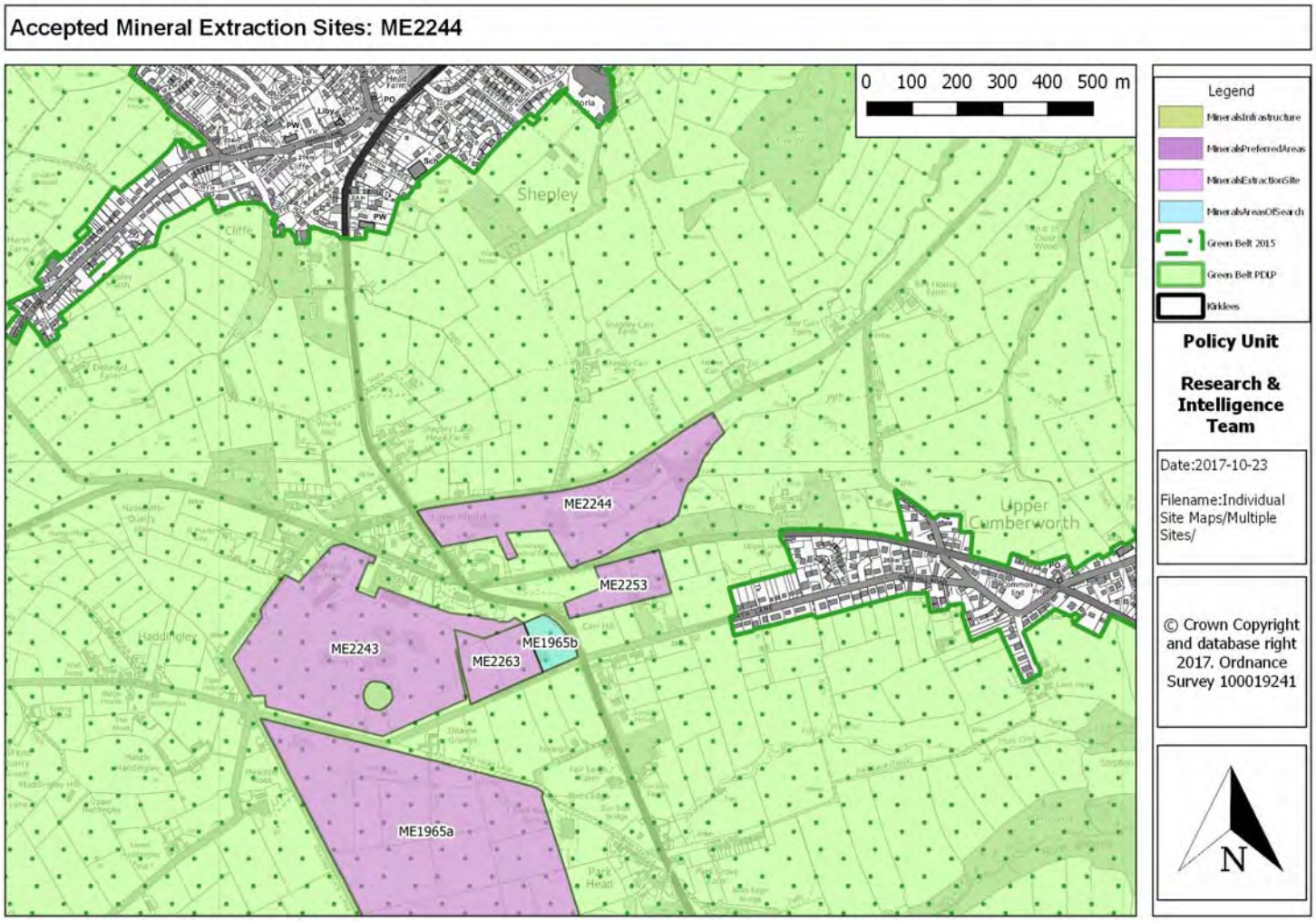
ME2243	**Appleton Quarry, Shepley,**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	14.01
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space	N/A	N/A
Public Health		Levels of obesity are higher than the Kirklees average. Rates of lonely and isolated in the under and over 65s are higher than the Kirklees average
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Site forms part of an active mineral working

ME2243: Appleton Quarry, Shepley		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites.
		Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This mixed sandstone, clay and shale, site is within 250m of sensitive receptors with dwellings at Cumberworth Lane, Barnsley Road, Holmfirth Road, Cross Lane and Park Head Lane located to the north, a minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	0/+?	The site is more than 250m from a leisure or recreational facility, open space or PROW therefore there would be a negligible effect.
		In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used.
		The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land.
		The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape.
		The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
		In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and there are no water bodies within or adjacent the site; therefore a negligible effect on this SA objective is likely.
		The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: No potential significant effects have been identified.		

ME2244 - Sovereign Quarry, Shepley,



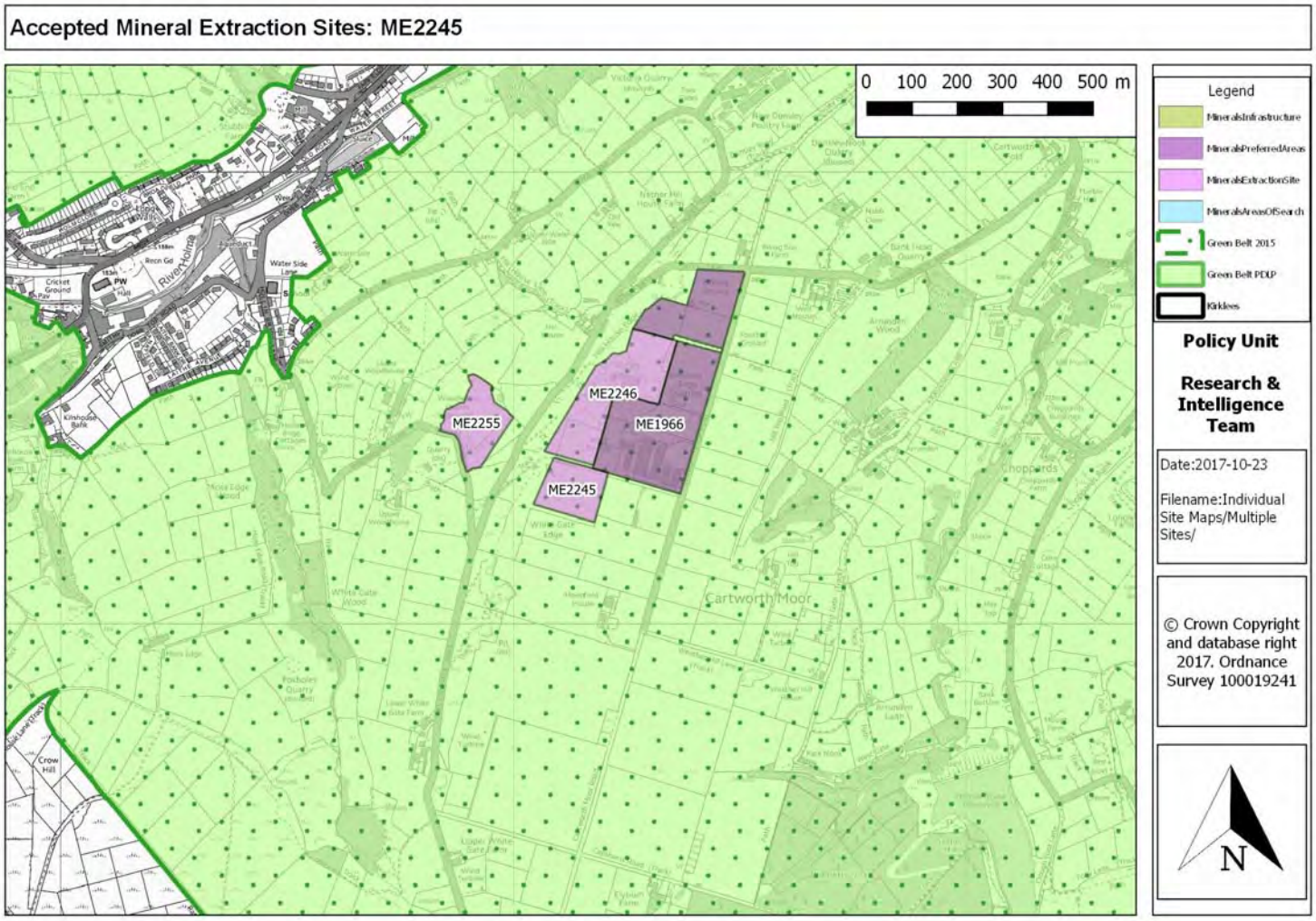
ME2244	**Sovereign Quarry, Shepley,**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	7.96
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space	N/A	N/A
Public Health		The site is within a ward that does not have significant concerns relating to health indicators and land use planning.
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Still an active mineral working

ME2244: Sovereign Quarry, Shepley		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites.
		Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors with dwellings at Lane Head Road, Cross Lane, and Holmfirth Road located to the west, properties on Carr Lane, to the north and east, and properties on Carr Hill Road, and Wells Mount to the south, a minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	PROW HOL/94/10 is located within the site and adjacent the site within 250m are a number of other PROWS, HOL/93/10 and HOL/178/40, so the extraction of minerals would lead to the temporary removal or diversion of the PROW that goes across the site, and may mean that the PROWS within 250m are less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective.
		In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used.
		The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land.
		The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape.
		The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of 1 Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
		In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is located within the Source Protection Zone (SPZ) 1 and water bodies have been identified on the site, with three lakes; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site.
		The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objectives, 8: recreation facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2245 - Whitegate Quarry, Cartworth Moor,



ME2245	**Whitegate Quarry, Cartworth Moor,**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	1.48
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

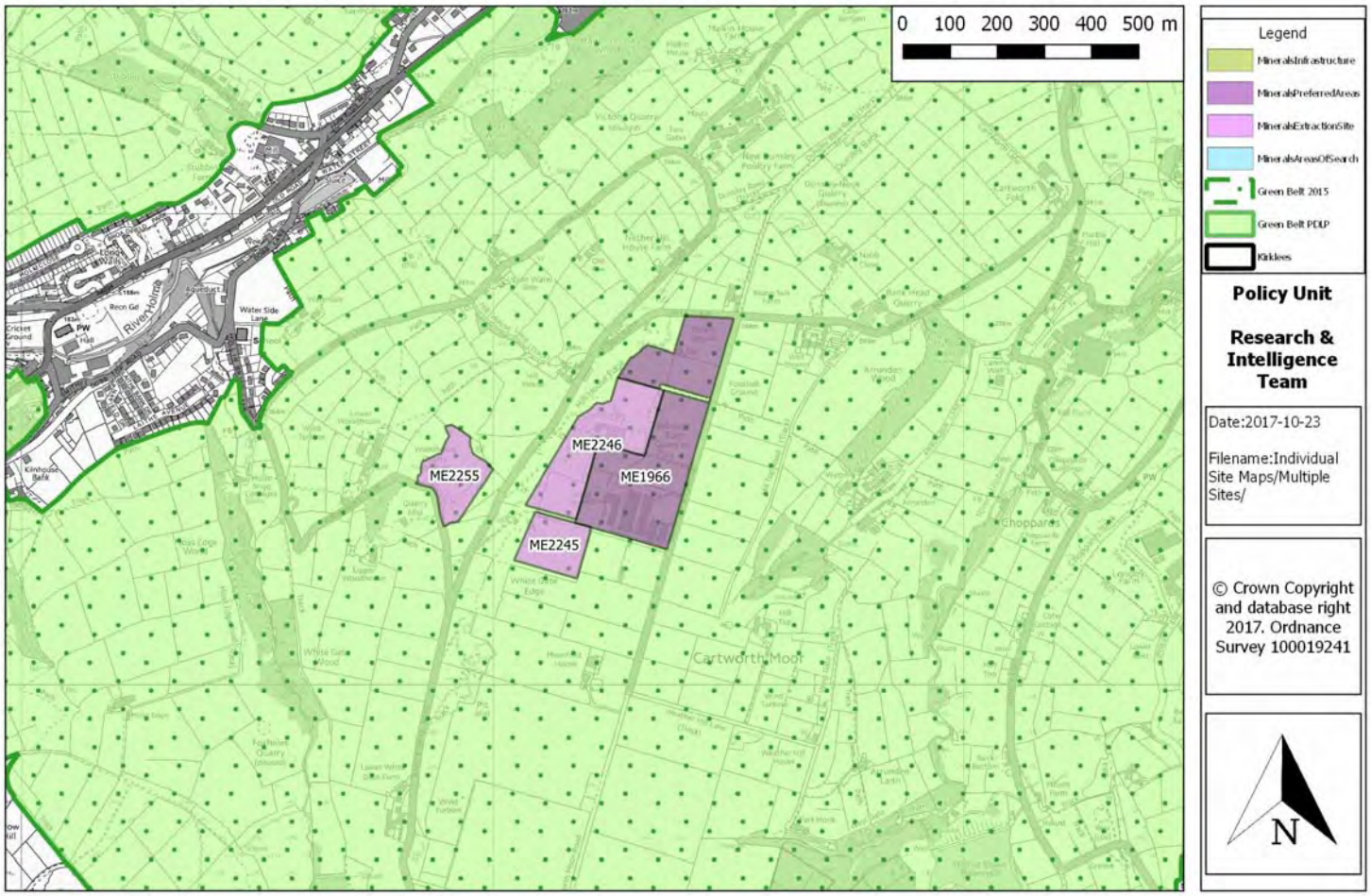
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		None identified.
Open Space	N/A	N/A
Public Health		Low levels of physical activity in this area. Will require adequate opportunities for physical activity to be delivered.
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Still an active mineral working

ME2245: Whitegate Quarry, Cartworth Moor		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors with dwellings at Cartworth Moor Road to the east, and Hill House Lane to the north, a minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	PROW KIR/155/10 is located within the site and adjacent the site within 250m are a number of other PROWS, KIR/155/20, KIR/197/10, KIR/144/20 and KIR/144/10 so the extraction of minerals would lead to the temporary removal or diversion of the PROW that goes across the site, and may mean that the PROWS within 250m are less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of 2 Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 but a small water body in the form a lake is located at the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objectives, 8: recreation facilities. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2246 - Hill House Edge Quarry, Cartworth Moor,

Accepted Mineral Extraction Sites: ME2246



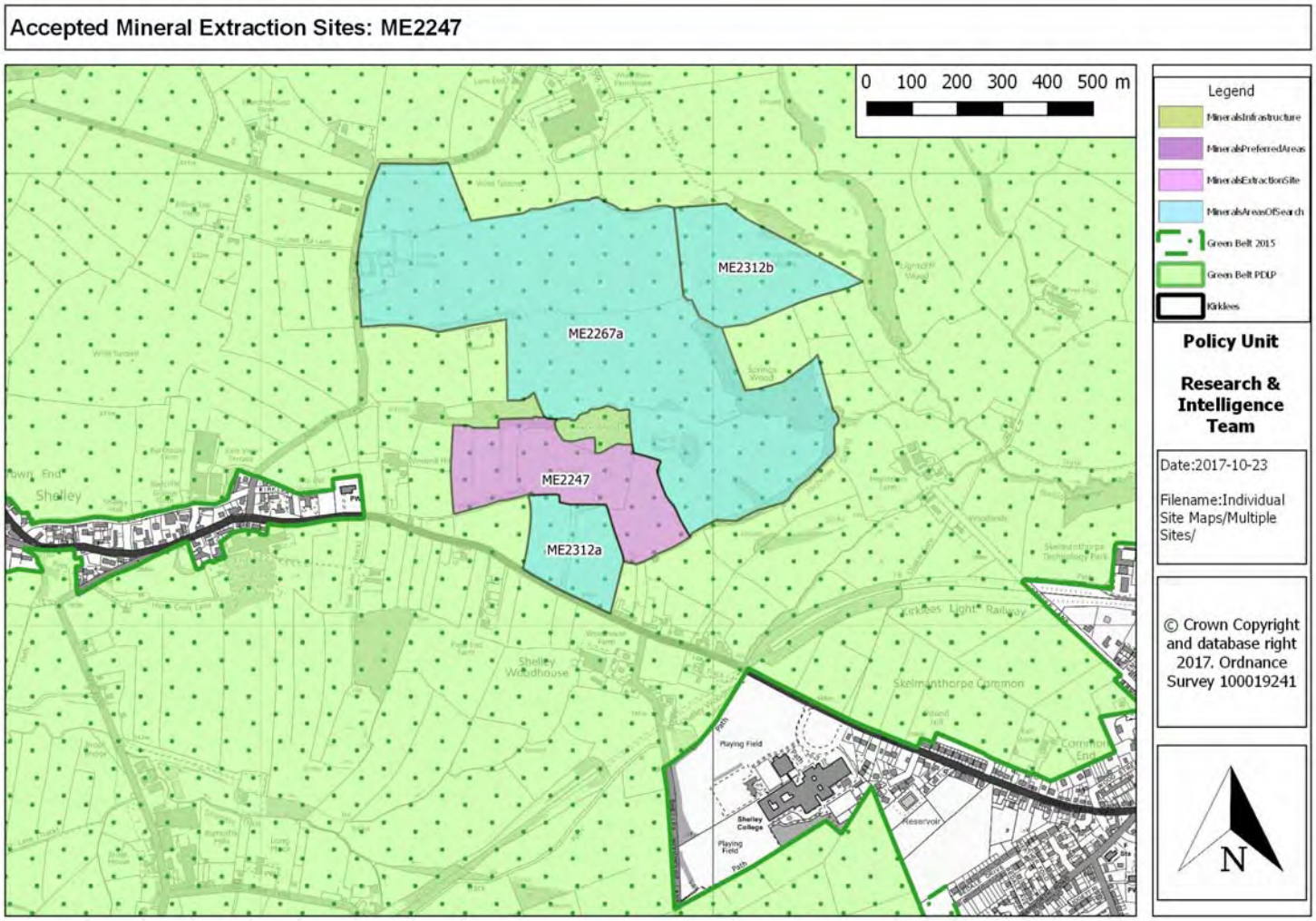
ME2246	**Hill House Edge Quarry, Cartworth Moor,**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	3.44
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		None identified.
Open Space	N/A	N/A
Public Health		Low levels of physical activity in this area. Will require adequate opportunities for physical activity to be delivered.
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	No change Site is an active mineral working

ME2246: Hill House Edge Quarry, Cartworth Moor		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors with dwellings at Cartworth Moor Road to the east, and Hill House Lane to the north, a minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	Adjacent the site within 250m are PROWS KIR/133/10 and KIR/132/10 so the extraction of minerals at this site may make the PROW less attractive for users and impact on amenity. As such, a minor negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of 2 Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and no water bodies are located within the site; therefore a negligible effect on this SA objective is likely. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: No potential significant effects have been identified.		

ME2247 - Peace Wood Quarry, Shelley,



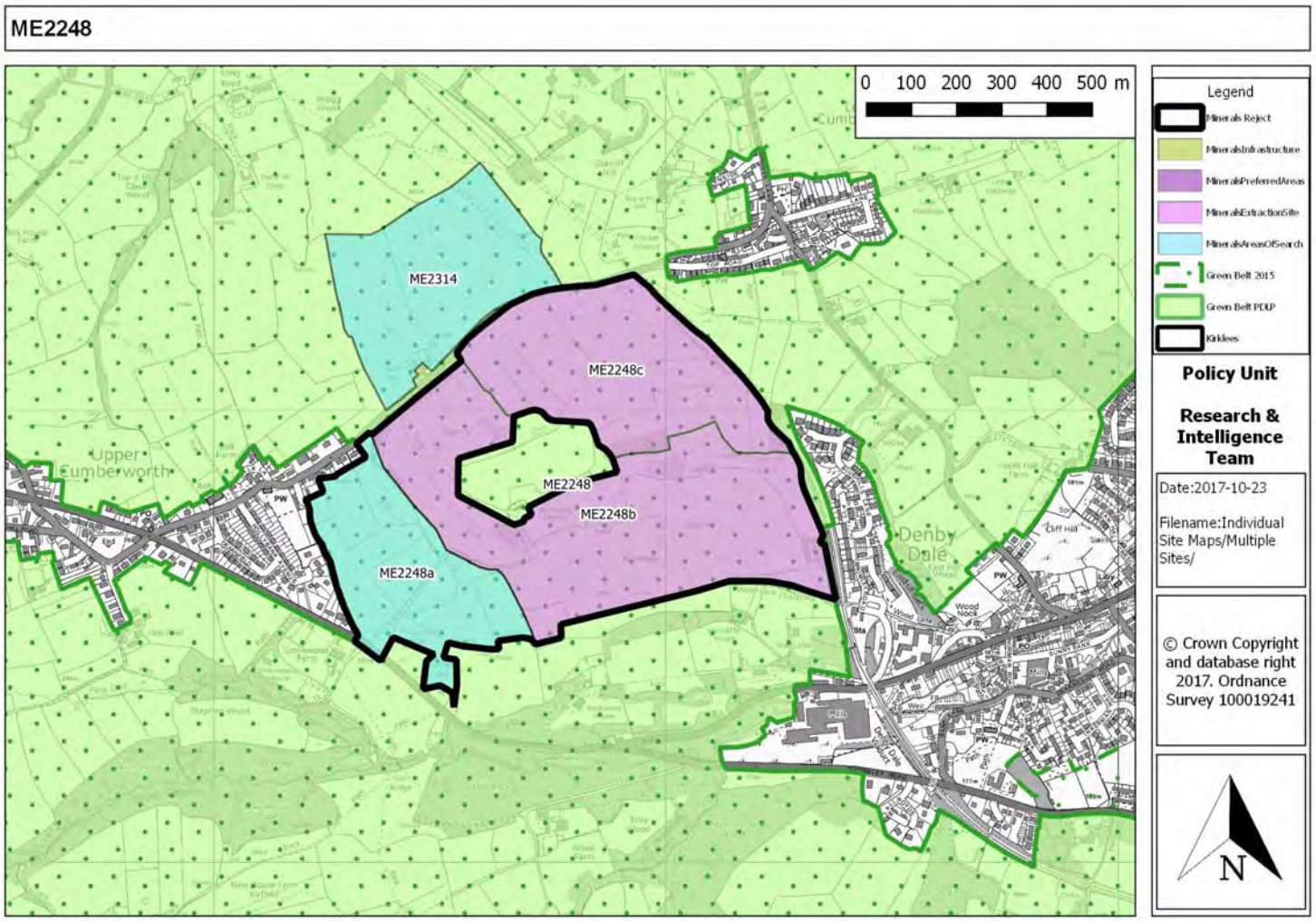
ME2247	**Peace Wood Quarry, Shelley,**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	8.72
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space	N/A	N/A
Public Health		The site is within a ward that does not have significant concerns relating to health indicators and land use planning.
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Active mineral working

ME2247: Peace Wood Quarry, Shelley		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This clay and shale site is within 250m of sensitive receptors with dwellings at Huddersfield Road to the south, a minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	Adjacent the site within 250m are a number of other PROWS, PROW KIR/155/10, KIR/155/20, KIR/197/10, KIR/144/20 and KIR/144/10 and so the extraction of minerals at this site may make the PROW less attractive for users and impact on amenity. As such, a minor negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+?	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located within 1 km from a railway with the Penistone Line located to the east, therefore a minor positive effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?/+?	The site is within 250m of a Candidate LWS, and between 250m and 1km of a Local Wildlife Site; therefore a significant negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not located within the Source Protection Zone (SPZ) 1, however a water body have been identified within the site in the form of a pond,; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objectives 14: biodiversity and geodiversity as part of a mixed effect overall. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2248 - Bromley Farm Quarry, Upper Cumberworth



ME2248	**Bromley Farm Quarry, Upper Cumberworth**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Settlement Extension
Gross area (Ha)	58.45
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Reject

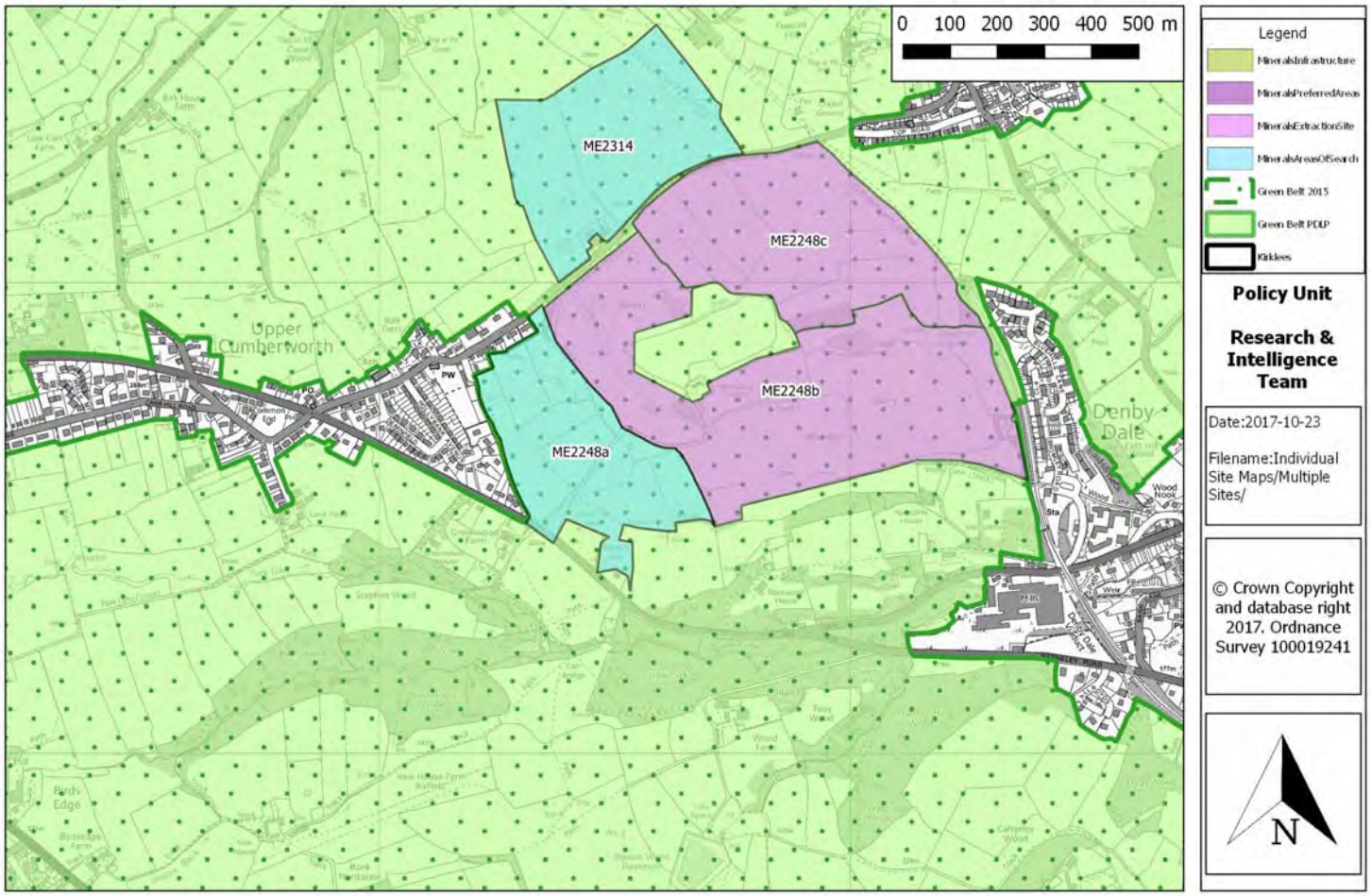
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		Turpin Hill LWS a species rich grassland lies adjacent to this proposed allocation. Leave a minimum buffer zone of 20m around the LWS, sow with seed of local provenance and manage for biodiversity.
Historic Environment		This site lies close to the boundary of South Crossland Conservation Area The loss of this area and its subsequent development could harm elements which contribute to the significance of this area. Mitigation required.
Flood risk and Drainage		Flood zone 1. Numerous ponds shown on site. East Hill Beck runs to the eastern boundary
Highways/Transport		Access is achievable via existing access onto A635 Barnsley Road with improvements to width of access road within the site. C566 Cumberworth Lane is considered unsuitable due to width and horizontal alignment and access via the residential areas of Upper
Environmental Protection		Odour impact assessment required. Site on potentially contaminated land, phase 1 and 2 surveys needed. Site affected by HP gas zone (3.9% inner and 13.2% middle zones)
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space	N/A	N/A
Public Health		No applicable health problems
Green Belt Edge	N/A	N/A
Green Belt Site		Minerals operations are an appropriate use in the green belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Site has now been split into 3 separate sites ME2248a, ME2248b and ME2248c

ME2248: Bromley Farm Quarry, Upper Cumberworth		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This clay and shale site is within 250m of sensitive receptors with dwellings at Bluehills Lane, Clay Delf and Bromley Bank to the east, Wakefield Road to the south, Barnsley Road to the south west, Holly Bank Avenue and Dearnfield to the west, Balk Lane, Rectory Farm Lane and Eunice Lane to the west, and Cumberworth Lane to the north. A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	PROWs DEN/84/10 and DEN/86/30 are located within the site, adjacent the site within 250m are a significant number of other PROWS, with 25 in total, and a cricket pitch located to the north, so the extraction of minerals would lead to the temporary removal or diversion of the PROWs that go across the site, and may mean that the PROWS and the cricket pitch within 250m are less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?/+?	The site is within 250m of a Candidate LWS, and between 250m and 1km of 2 Candidate LWSs and a Local Wildlife Site; therefore a significant negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not located within the Source Protection Zone (SPZ) 1, however a number of water bodies have been identified within the site in the form of 5 ponds/lakes, East Hill Beck and a number of land drains which run across the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objectives 14: biodiversity and geodiversity as part of a mixed effect overall. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2248a - Bromley Farm Quarry, Upper Cumberworth

Accepted Mineral Area of Search Sites: ME2248a



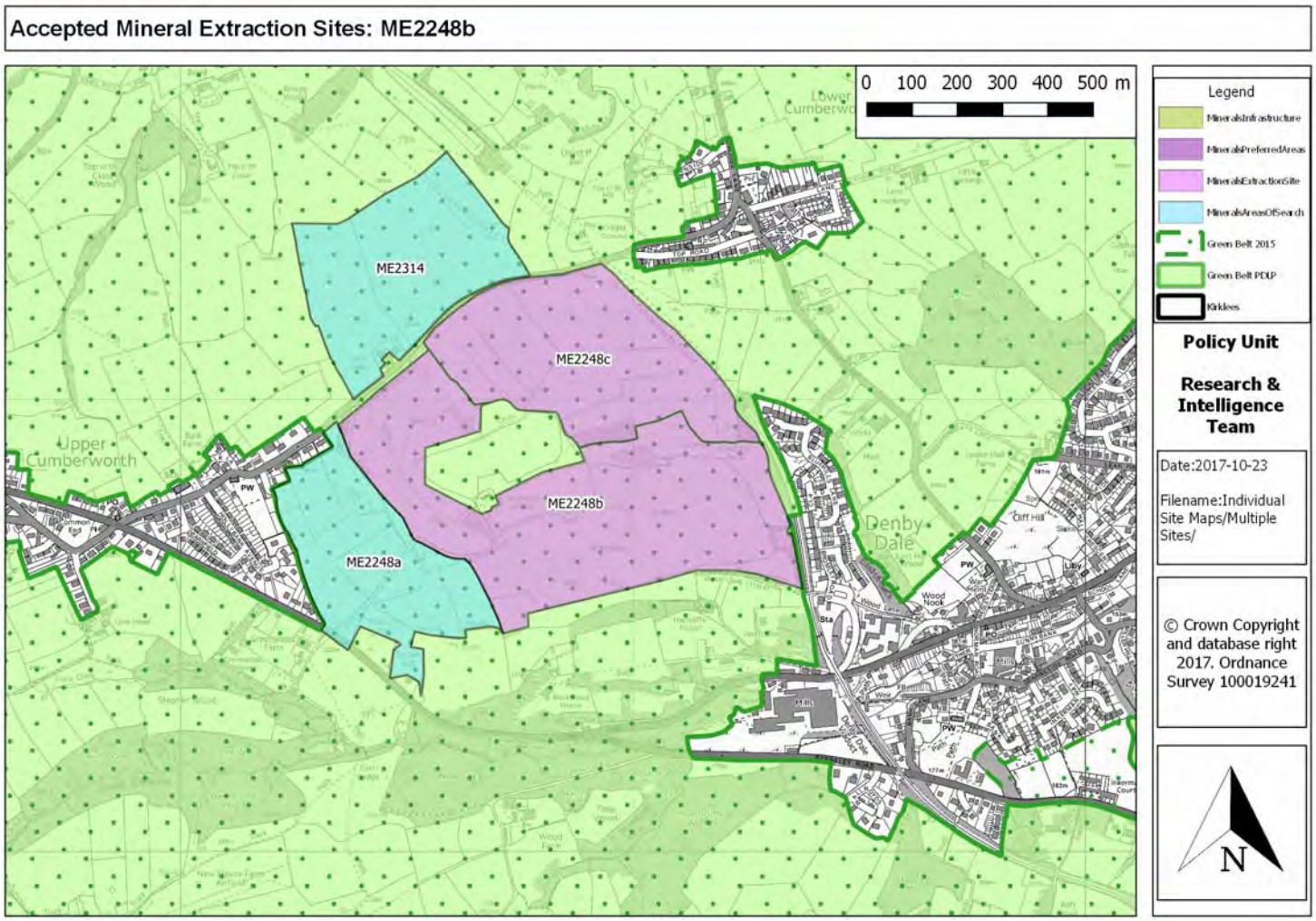
ME2248a	**Bromley Farm Quarry, Upper Cumberworth**
Proposed Land Use	Mineral areas of search
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Settlement Extension
Gross area (Ha)	12.67
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No significant constraints
Historic Environment		No significant constraints. Impact on listed church and conservation area would need to be assessed prior to subsequent planning application being determined
Flood risk and Drainage		No significant constraints
Highways/Transport		No significant constraints. Access can be achieved from the A635 Barnsley Road via the existing entrance to the household waste recycling centre. 2.4m x 120m visibility splays are required. Widening of the access road to the HWRC would be needed to allow
Environmental Protection		Potential for issues relating to residential amenity i.e. air quality, noise etc.
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space		No issues identified
Public Health		No significant constraints
Green Belt Edge	N/A	N/A
Green Belt Site		Mineral extraction is appropriate development within the Green Belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Allocate as an area of search

ME2248a: Bromley Farm Quarry, Upper Cumberworth,		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This area is within 250m of sensitive receptors (dwellings). A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	There is an open space or right of way situated within the site so the extraction of minerals at this site may lead to the loss of these PROWs or the re-directing of these PROWs which may make the PROWs less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?/+?	The site is within 250m of a Locally Designated Biodiversity Site; therefore a significant negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
15. Reduce air, water and soil pollution.	-?/0	This site is not located within the Source Protection Zone (SPZ) 1, however a number of water bodies have been identified adjacent to the site, therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 8: recreational facilities and 14: biodiversity and geodiversity as part of a mixed effect overall. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2248b - Bromley Farm Quarry, Upper Cumberworth



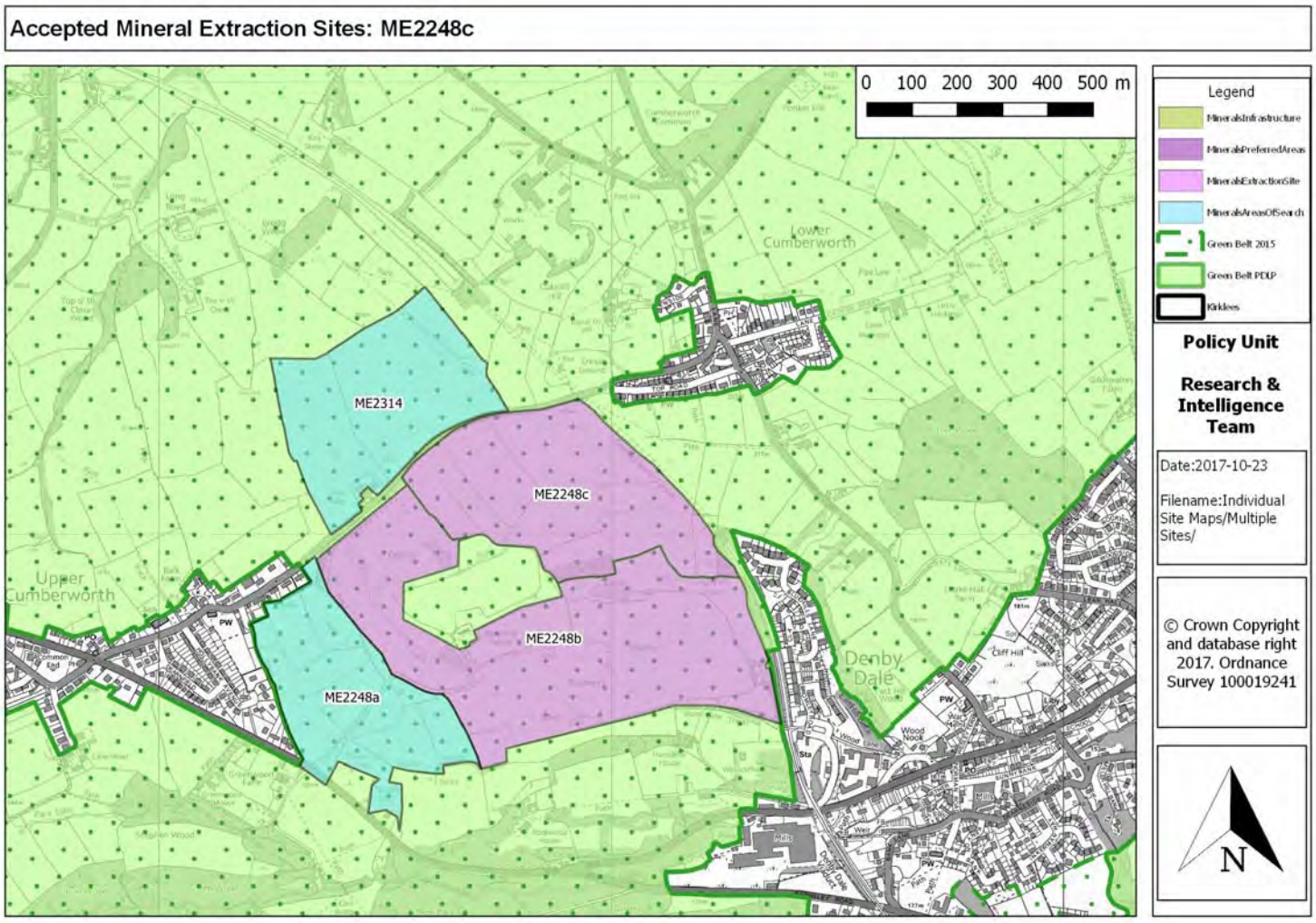
ME2248b	**Bromley Farm Quarry, Upper Cumberworth**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Settlement Extension
Gross area (Ha)	28.53
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space	N/A	N/A
Public Health		Levels of obesity are higher than the Kirklees average. Rates of lonely and isolated in the under and over 65s are higher than the Kirklees average
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Site comprises operational quarries

ME2248b: Bromley Farm Quarry, Upper Cumberworth,		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This clay and shale site is within 250m of sensitive receptors (dwellings). A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	There is an open space or right of way within 250m of the site and so the extraction of minerals at this site may make it this less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?/+?	The site is within 250m of a Locally Designated Biodiversity Site; therefore a significant negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
15. Reduce air, water and soil pollution.	-?/0	This site is not located within the Source Protection Zone (SPZ) 1, however a number of water bodies have been identified within the site in the form of 5 ponds/lakes, East Hill Beck and a number of land drains which run across the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 14: biodiversity and geo diversity as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2248c - Bromley Farm Quarry, Upper Cumberworth



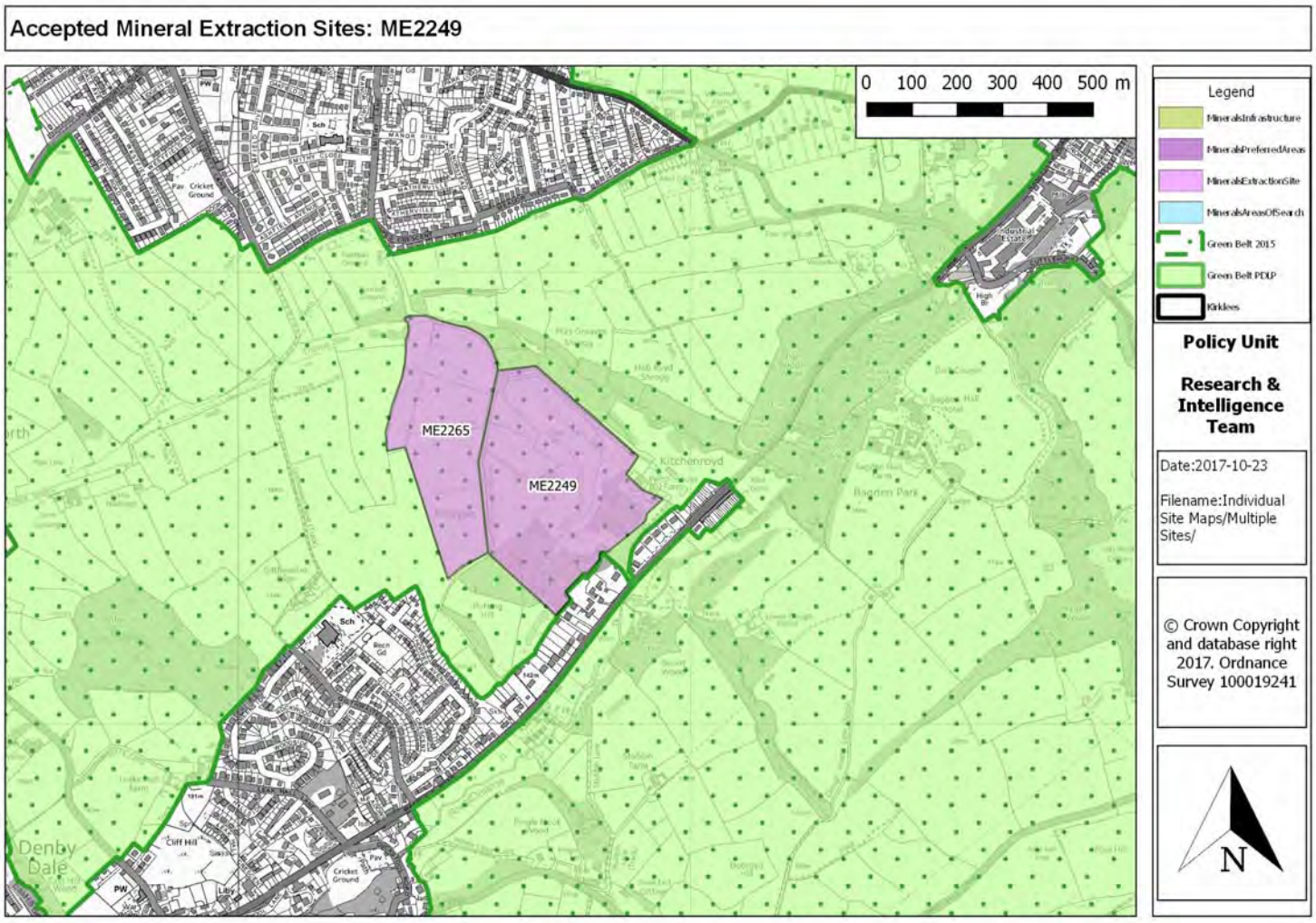
ME2248c	**Bromley Farm Quarry, Upper Cumberworth**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	17.25
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No significant constraints
Historic Environment		No significant constraints. Impact on listed church and conservation area would need to be assessed prior to subsequent planning application being determined
Flood risk and Drainage		No significant constraints. Surface water regimes in the vicinity which would require protection as part of any subsequent planning permission
Highways/Transport		Cumberworth Lane is subject to a 60mph speed limit along the site frontage. 2.4m x 215m (60mph speed limit) visibility splays cannot be achieved. Third party land and/or measures to improve visibility and/or reduce traffic speeds are required. An alternat
Environmental Protection		Potential for issues relating to residential amenity i.e. air quality, noise etc.
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space		No issues identified
Public Health		No significant constraints
Green Belt Edge	N/A	N/A
Green Belt Site		Mineral extraction is appropriate development within the Green Belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Allocate as an area of search. There are no significant constraints although highways have indicated that site would best be accessed via existing haul road which currently provides access to active quarries and the HWRC site.

ME2248c: Bromley Farm Quarry, Upper Cumberworth,		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This clay and shale site is within 250m of sensitive receptors. A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	There is an open space or right of way situated within the site so the extraction of minerals at this site may lead to the loss of these PROWs or the re-directing of these PROWs which may make the PROWs less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Locally Designated Biodiversity Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
15. Reduce air, water and soil pollution.	-?/0	This site is not located within the Source Protection Zone (SPZ) 1, however a number of water bodies have been identified adjacent to the site including ponds/lakes, East Hill Beck and a number of land drains; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 8: recreation facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2249 - Hen Perch Quarry, Scissett,



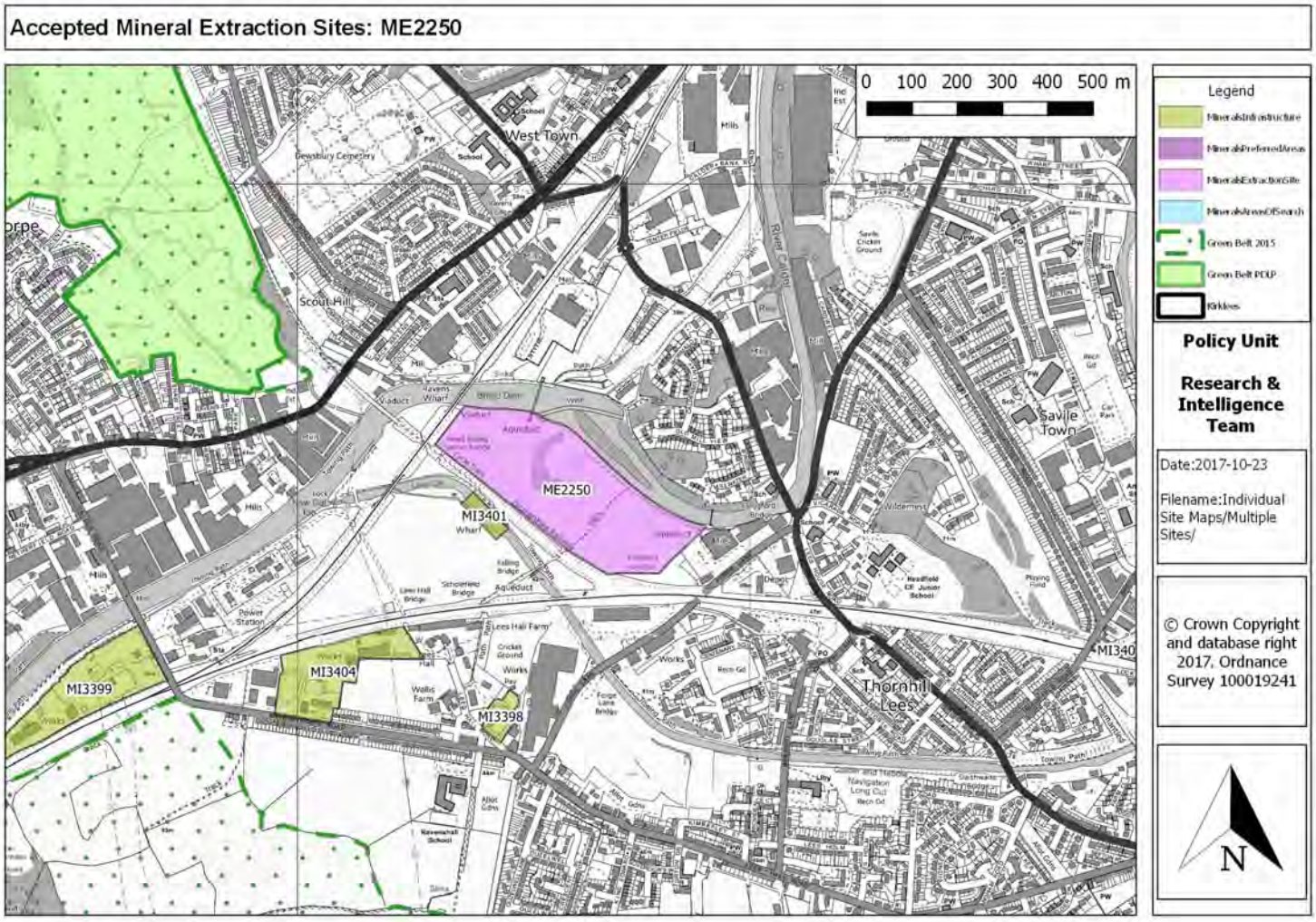
ME2249	**Hen Perch Quarry, Scissett,**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Settlement Extension
Gross area (Ha)	13.26
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space	N/A	N/A
Public Health		Levels of obesity are higher than the Kirklees average. Rates of lonely and isolated in the under and over 65s are higher than the Kirklees average
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Still an active mineral - Current extant permissions allow site to be worked until 2021

ME2249: Hen Perch Quarry, Scissett		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This clay and shale site is within 250m of sensitive receptors with dwellings at Wakefield Road to south east and Thorpes avenue to the south west. A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	PROWs DEW/155/10 and DEW/117/30 are located within the site, adjacent the site within 250m are a significant number of other PROWS, DEN/111/10, DEN/59/40, DEN/114/40 and DEN/51/10, so the extraction of minerals would lead to the temporary removal or diversion of the PROWs that go across the site, and may mean that the PROWS within 250m are less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?/+?	The site is within 250m of a Candidate LWS, and between 250m and 1km of a Candidate LWSs ; therefore a significant negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not located within the Source Protection Zone (SPZ) 1, however a number of water bodies have been identified within the site in the form of 2 ponds/lakes, therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objectives 8: recreational facilities and 14: biodiversity and geodiversity as part of a mixed effect overall. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2250 - Forge Lane, Ravensthorpe (10.5ha),



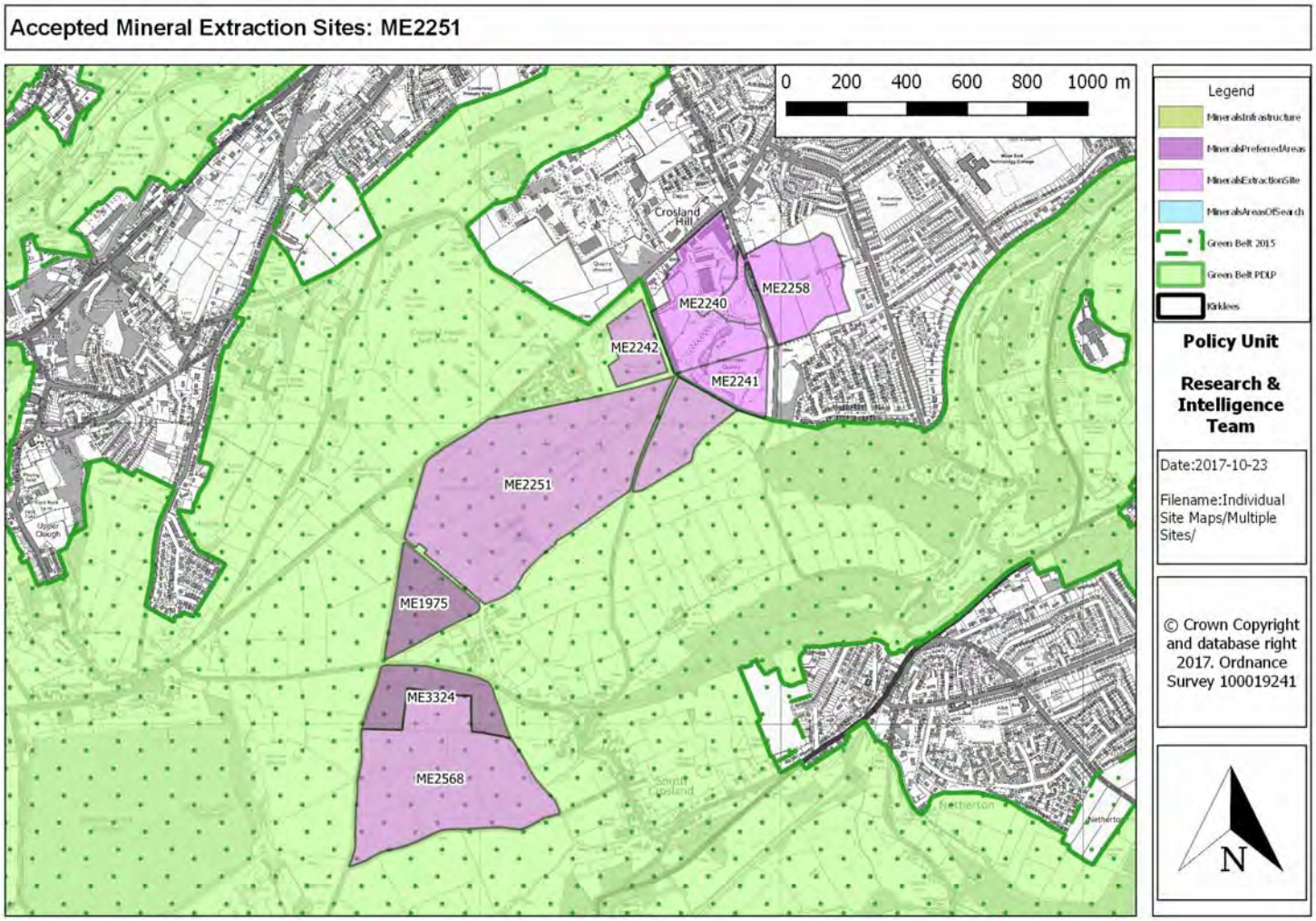
ME2250	**Forge Lane, Ravensthorpe (10.5ha),**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site in not in the Greenbelt
Settlement Position	Within Settlement
Gross area (Ha)	10.49
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		None identified.
Open Space	N/A	N/A
Public Health		The site is within a ward that does not have significant concerns relating to health indicators and land use planning
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Now an active mineral working - Current extant permissions allow site to be worked until 2024

ME2250: Forge Lane, Ravensthorpe (10.5ha)		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites.
		Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sand and gravel site is within 250m of sensitive receptors with dwellings at Old Mill View , Mill Water Avenue, Thornhill Road, Calder Mill Way, Island View and Wormalds View to the north east, and Mavis Avenue and Mavis Street to the north. A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	PROWs DEN/59/10 and DEN/111/10 are located within the site, adjacent the site within 250m are a significant number of other PROWS, DEW/117/20, DEW/116/20, DEW/116/40, DEW/116/10 and DEW/155/10, a recreation ground is also located to the south, so the extraction of minerals would lead to the temporary removal or diversion of the PROWs that go across the site, and may mean that the PROWS within 250m are less attractive for users and impact on amenity, and the recreation ground less attractive to users. As such, a significant negative effect is likely on this SA objective.
		In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+?	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used.
		The site is located within 1 km from a railway lines to the north west and south, therefore a minor positive effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land.
		The site is located on urban land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape.
		The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of 2 Local Wildlife Sites and 2 Local Nature Reserves; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
		In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not located within the Source Protection Zone (SPZ) 1, however a number of water bodies have been identified within the site in the form of a pond/lakes, therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site.
		The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	This sand and gravel site is located within flood zone 3b which are classed as water compatible development and the extraction of such a mineral is therefore suitable. A negligible effect on this SA objective is therefore likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective, 8: recreational facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2251 - Land at Crosland Moor, Huddersfield (17.5ha),



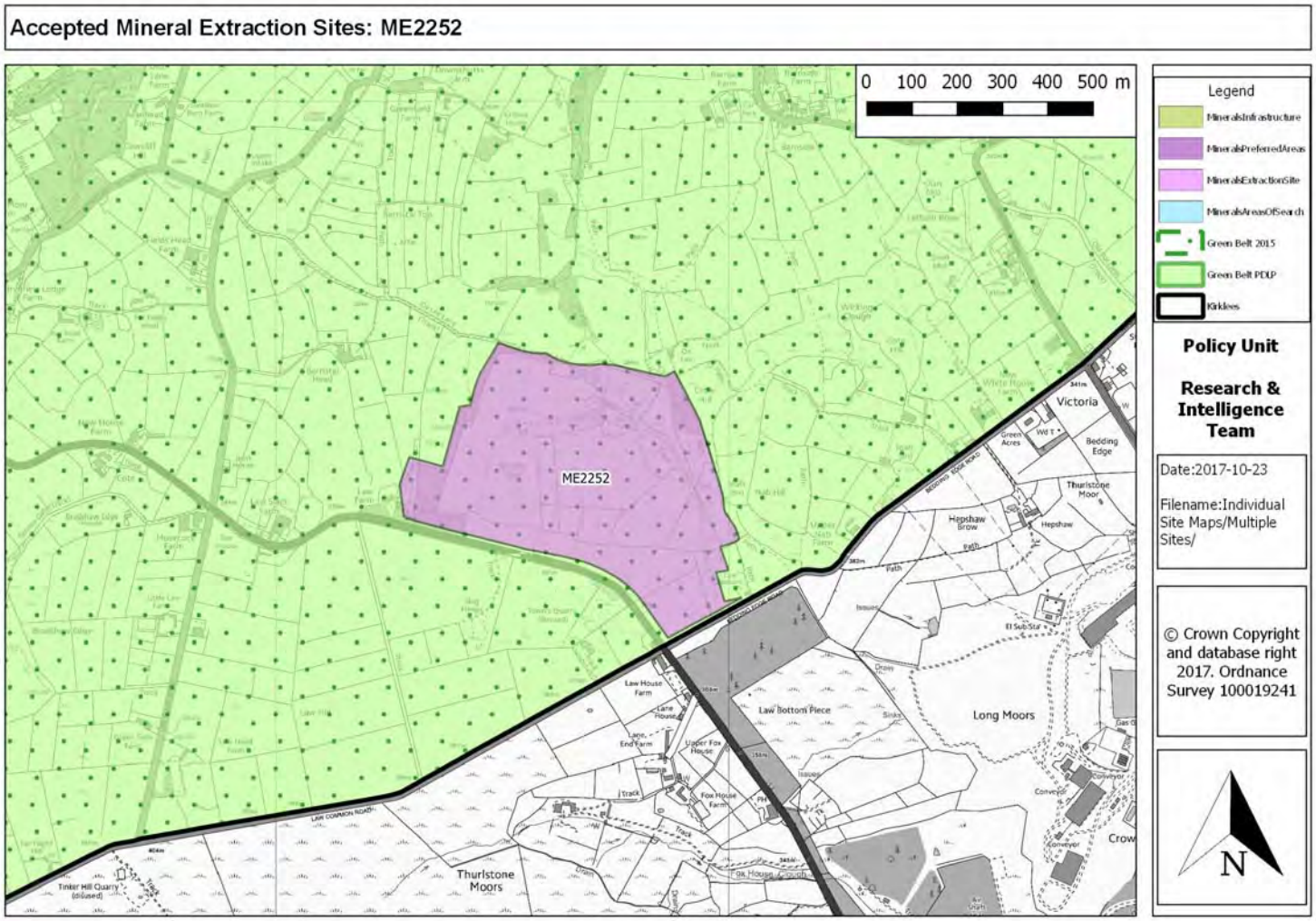
ME2251	**Land at Crosland Moor, Huddersfield (17.5ha),**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Settlement Extension
Gross area (Ha)	40.48
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		None identified.
Open Space	N/A	N/A
Public Health		Levels of obesity are higher than the Kirklees average. Rates of lonely and isolated in the under and over 65s are higher than the Kirklees average
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Active mineral working

ME2251: Land at Crosland Moor, Huddersfield (17.5ha)		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites.
		Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 250m of sensitive receptors with holiday homes located to the north of the site. A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	PROW HUD/472/10 is located within the site, adjacent the site within 250m are a significant number of other PROWS around the site and a golf course to the north, so the extraction of minerals would lead to the temporary removal or diversion of the PROWs that go across the site, and may mean that the PROWS within 250m are less attractive for users and impact on amenity, and the golf course less attractive to users. As such, a significant negative effect is likely on this SA objective.
		In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used.
		The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land.
		The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape.
		The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?/+?	The site is within 250m of a Candidate LWS, and between 250m and 1km of a Candidate LWSs and 2 Local Wildlife Sites; therefore a significant negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
		In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not located within the Source Protection Zone (SPZ) 1, however a number of water bodies have been identified within the site in the form of 2 ponds/lakes, and a therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site.
		The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective, 8: recreational facilities and 14: biodiversity and geodiversity as part of a mixed effect overall. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2252 - Ox Lee, Hepworth (28ha),



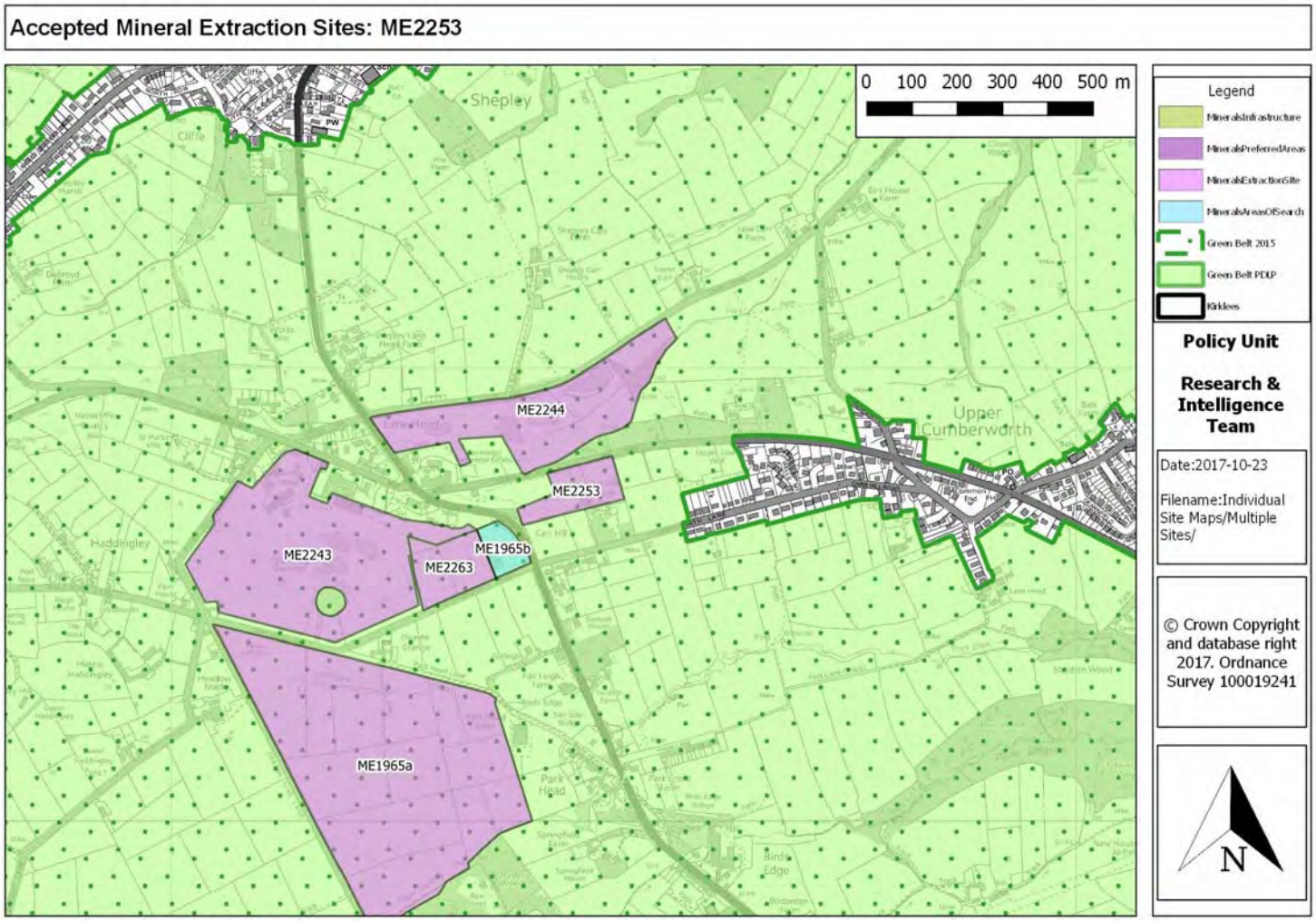
ME2252	**Ox Lee, Hepworth (28ha),**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Settlement Extension
Gross area (Ha)	27.93
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space	N/A	N/A
Public Health		Low levels of physical activity in this area. Will require adequate opportunities for physical activity to be delivered.
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Site is an active mineral working

ME2252: Ox Lee, Hepworth (28ha)		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This clay and shale site is within 250m of sensitive receptors dwellings located off Barnsley Road to the north, Cumberworth Lane to the south, and Penistone Road to the west. A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	PROWs HOL/147/10, HOL/154/10 and HOL/149/50 are located within the site, adjacent the site within 250m are a significant number of other PROWS around the site, so the extraction of minerals would lead to the temporary removal or diversion of the PROWs that go across the site, and may mean that the PROWS within 250m are less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not located within the Source Protection Zone (SPZ) 1, however a number of water bodies have been identified within the site in the form of 6 ponds/lakes, and a number of land drains including Hey Clough, therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective, 8: recreational facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2253 - Carr Hill Quarry, Shepley (1.3ha),



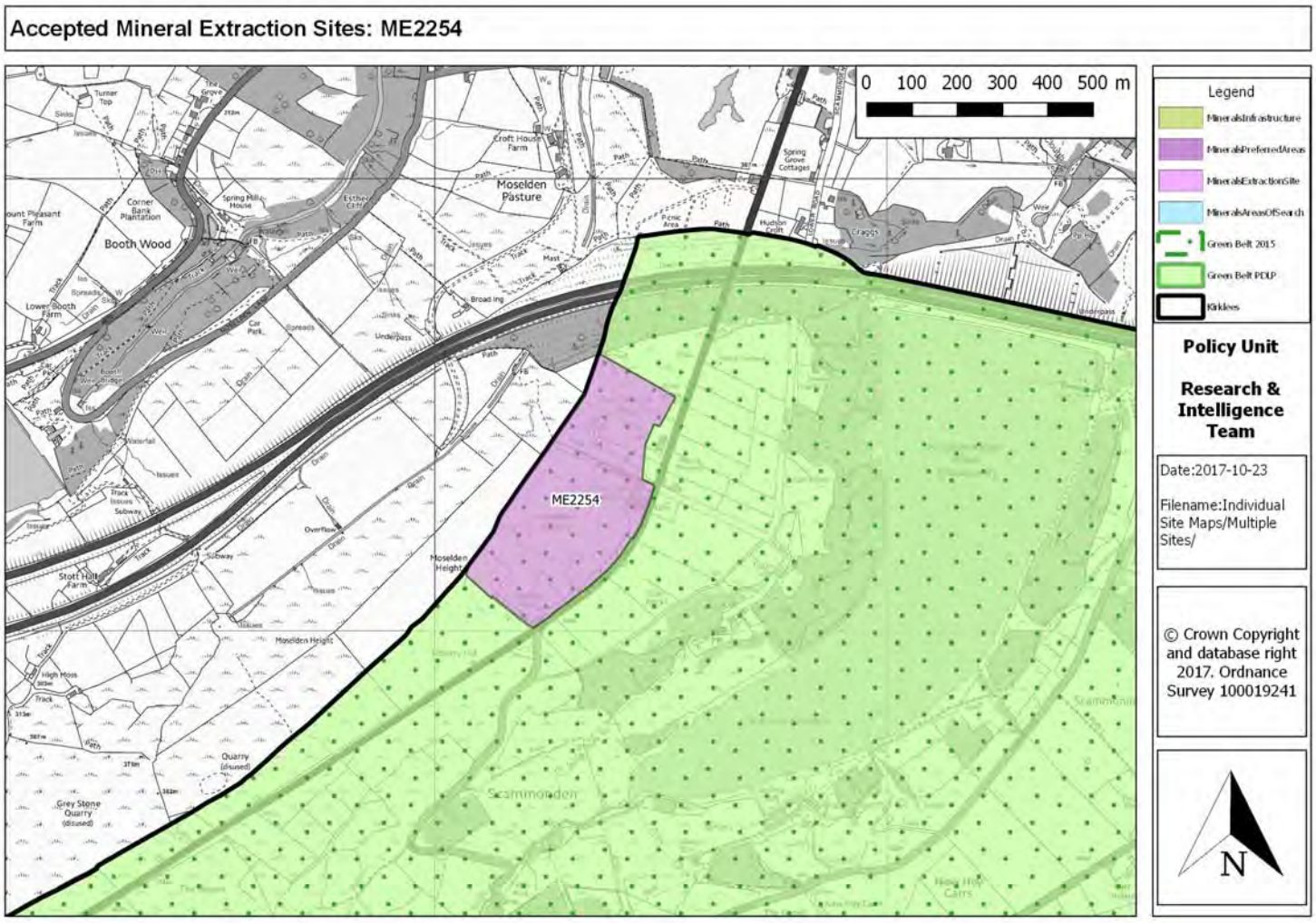
ME2253	**Carr Hill Quarry, Shepley (1.3ha),**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	1.81
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		None identified.
Open Space	N/A	N/A
Public Health		Levels of obesity are higher than the Kirklees average. Rates of lonely and isolated in the under and over 65s are higher than the Kirklees average
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Active site. Mineral has been worked out but site is now under restoration involving backfilling operations

ME2253: Carr Hill Quarry, Shepley (1.3ha)		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites.
		Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors dwellings located off Bedding Edge Road to the south east and Penistone Road to the south west. A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	The site is within 250m are a PROWs KIR/155/10, around the site, so the extraction of minerals would lead to the temporary removal or diversion of the PROWs that go across the site, and may mean that the PROWS within 250m are less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective.
		In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used.
		The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land.
		The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape.
		The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of 2 Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
		In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and no water bodies are located within the site; therefore a negligible effect on this SA objective is likely.
		The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: No potential significant effects have been identified.		

ME2254 - Moselden Heights Quarry and extension area off Saddleworth Road Scammonden,



ME2254 **Moselden Heights Quarry and extension area off Saddleworth Road Scammonden,**

Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Settlement Extension
Gross area (Ha)	13.38
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

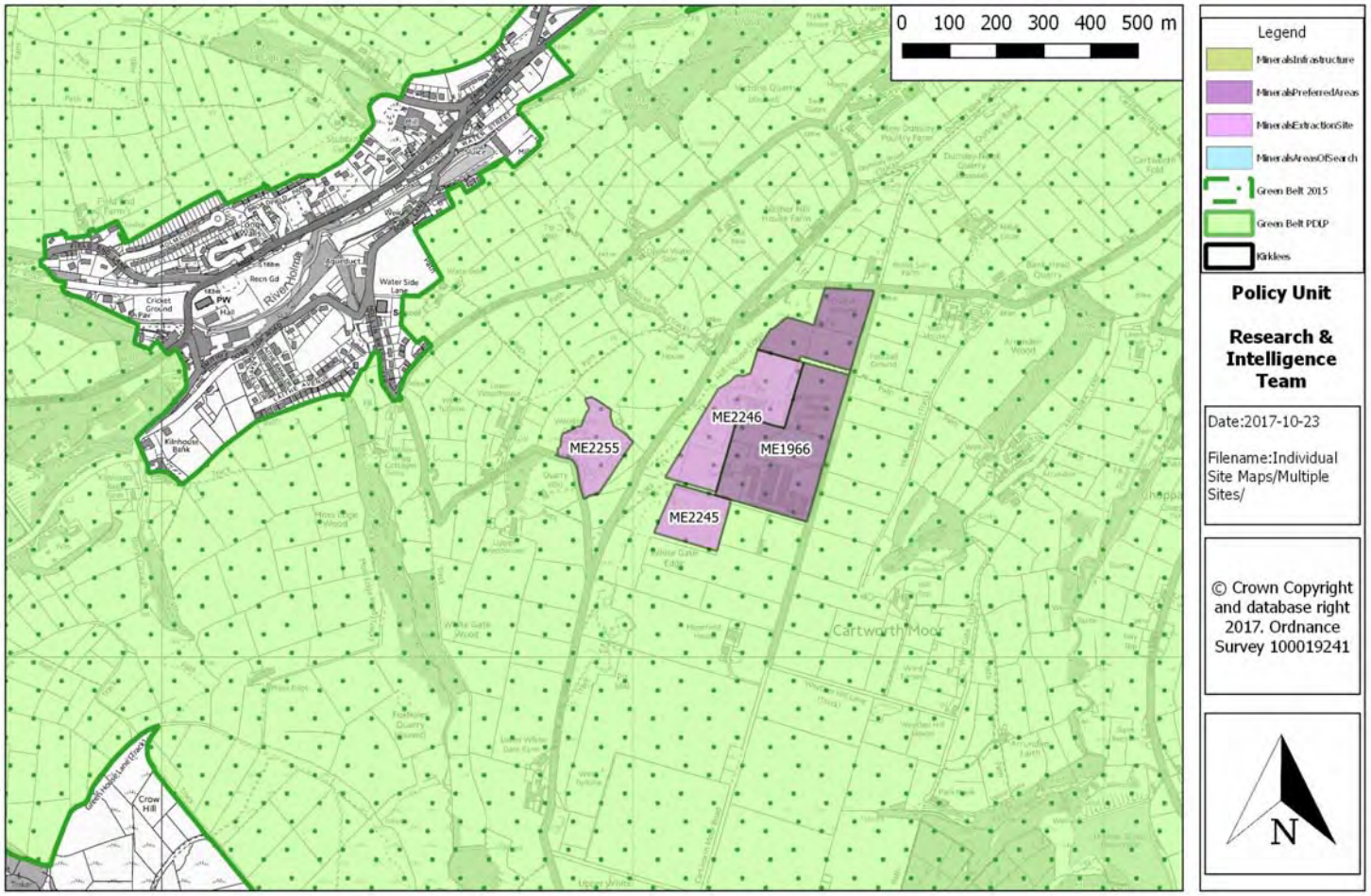
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		None identified.
Open Space	N/A	N/A
Public Health		Low levels of physical activity in this area. Will require adequate opportunities for physical activity to be delivered.
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Active mineral working - Current extant permissions allow site to be worked until 2040

ME2254: Moselden Heights Quarry and extension area off Saddleworth Road Scammonden		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites.
		Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors dwellings located off Saddleworth Road to the south east. A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	PROW COL/3/10is located within the site, adjacent the site within 250m are PROWS, COL/23/10 and COL/23/50, so the extraction of minerals would lead to the temporary removal or diversion of the PROWs that go across the site, and may mean that the PROWS within 250m are less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective.
		In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used.
		The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land.
		The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape.
		The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of 1 Special Area Conservation and 1 Special Protection Area; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
		In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and no water bodies are located within the site; therefore a negligible effect on this SA objective is likely.
		The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective, 8: recreational facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2255 - Woodhouse Quarry - Off Woodhouse Holmfirth,

Accepted Mineral Extraction Sites: ME2255



ME2255 **Woodhouse Quarry - Off Woodhouse Holmfirth,**

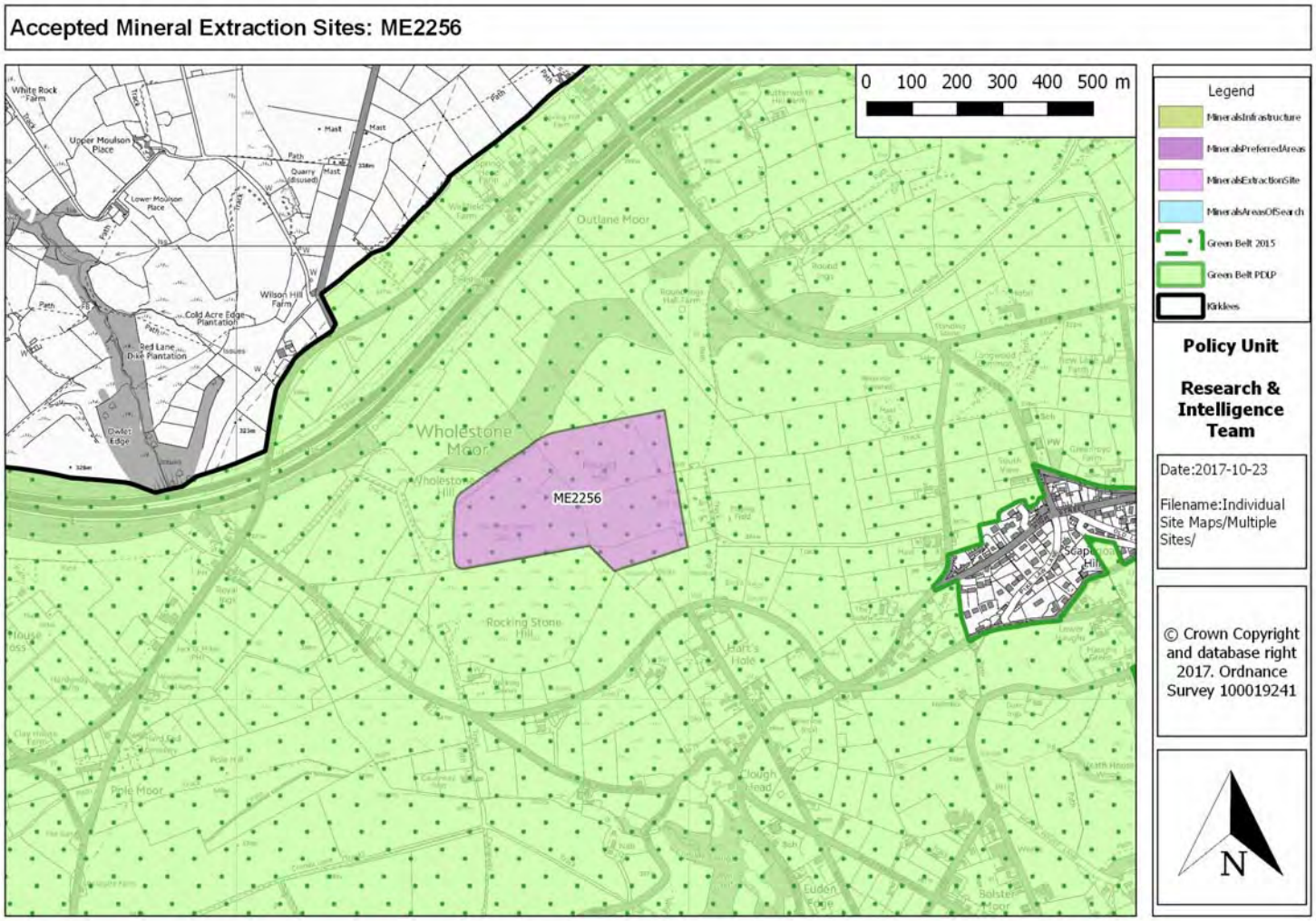
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	1.72
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		None identified.
Open Space	N/A	N/A
Public Health		Low levels of physical activity in this area. Will require adequate opportunities for physical activity to be delivered.
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Active mineral working- Current extant permissions allow site to be worked until 2017

ME2255: Woodhouse Quarry - Off Woodhouse Holmfirth		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors dwellings located off Woodhouse Lane to the south and west. A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	PROW HOL/93/10 is located within the site, adjacent the site within 250m are PROWS, HOL/92/60 and HOL/92/10, so the extraction of minerals would lead to the temporary removal or diversion of the PROWs that go across the site, and may mean that the PROWS within 250m are less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 5 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of 1 Candidate LWS and a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and no water bodies are located within the site; therefore a negligible effect on this SA objective is likely. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective, 8: recreational facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2256 - Rockingstones Quarry – off Quebec Road Wholestone Moor,



ME2256 **Rockingstones Quarry – off Quebec Road Wholestone Moor,**

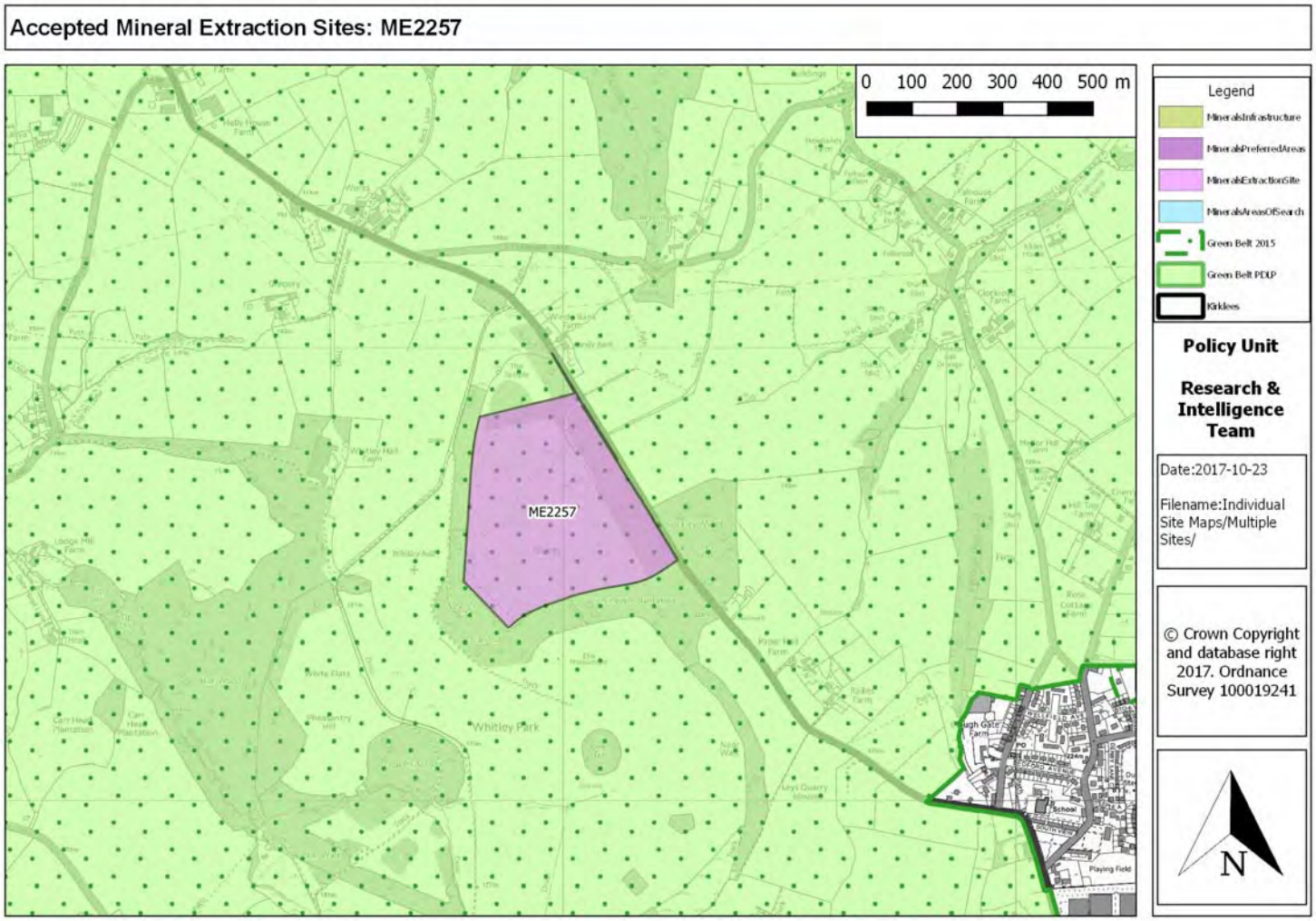
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	12.94
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		None identified.
Open Space	N/A	N/A
Public Health		Low levels of physical activity in this area. Will require adequate opportunities for physical activity to be delivered.
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Active mineral working

ME2256: Rocking Stone Quarry – off Quebec Road, Wholestone Moor		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors dwellings located off Rochdale Road/Quebec Road and Pinfold Lane to the south . A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	PROW COL/244/10 is located within the site, adjacent the site within 250m are PROWS, COL/40/10, COL/40/20 and COL/446/10, so the extraction of minerals would lead to the temporary removal or diversion of the PROWs that go across the site, and may mean that the PROWS within 250m are less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a RIGS; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and no water bodies are located within the site; therefore a negligible effect on this SA objective is likely. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective, 8: recreational facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2257 - Temple Quarry – off Liley Lane, Grange Moor,



ME2257 **Temple Quarry – off Liley Lane, Grange Moor,**

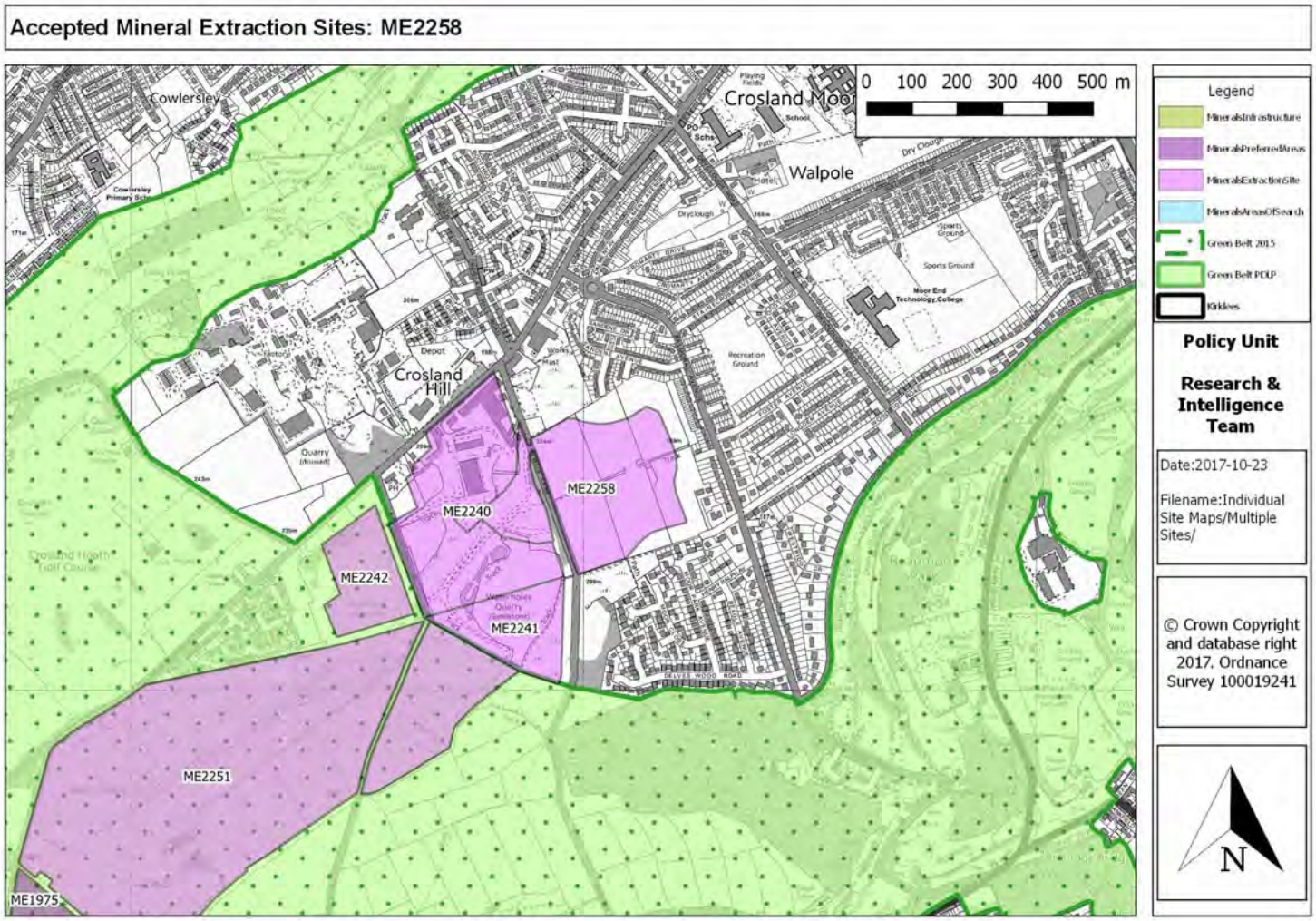
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	15.77
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space	N/A	N/A
Public Health		The site is within a ward that does not have significant concerns relating to health indicators and land use planning.
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Active mineral working – Period for mineral extraction to cease by 2019.

ME2257: Temple Quarry – off Liley Lane, Grange Moor		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	0	The site is more than a 100m of sensitive receptors, therefore a negligible effect is expected on this objective.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors with dwellings located along Liley Lane to the west of the site. A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	This site includes PRoW KIR/31/30, and so, the extraction of minerals may mean removing or temporarily closing land which has potential for recreation within and access to the countryside. As such, a significant negative effect is expected. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. This site is located more than 1km from a railway or canal, therefore a negligible effect on the SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of 3 Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 and is not within or adjacent to a water body; therefore a negligible effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 8: recreation facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2258 - Land off Thewlis Lane Crosland Moor,



ME2258	**Land off Thewlis Lane Crosland Moor,**
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site in not in the Greenbelt
Settlement Position	Within Settlement
Gross area (Ha)	10.21
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

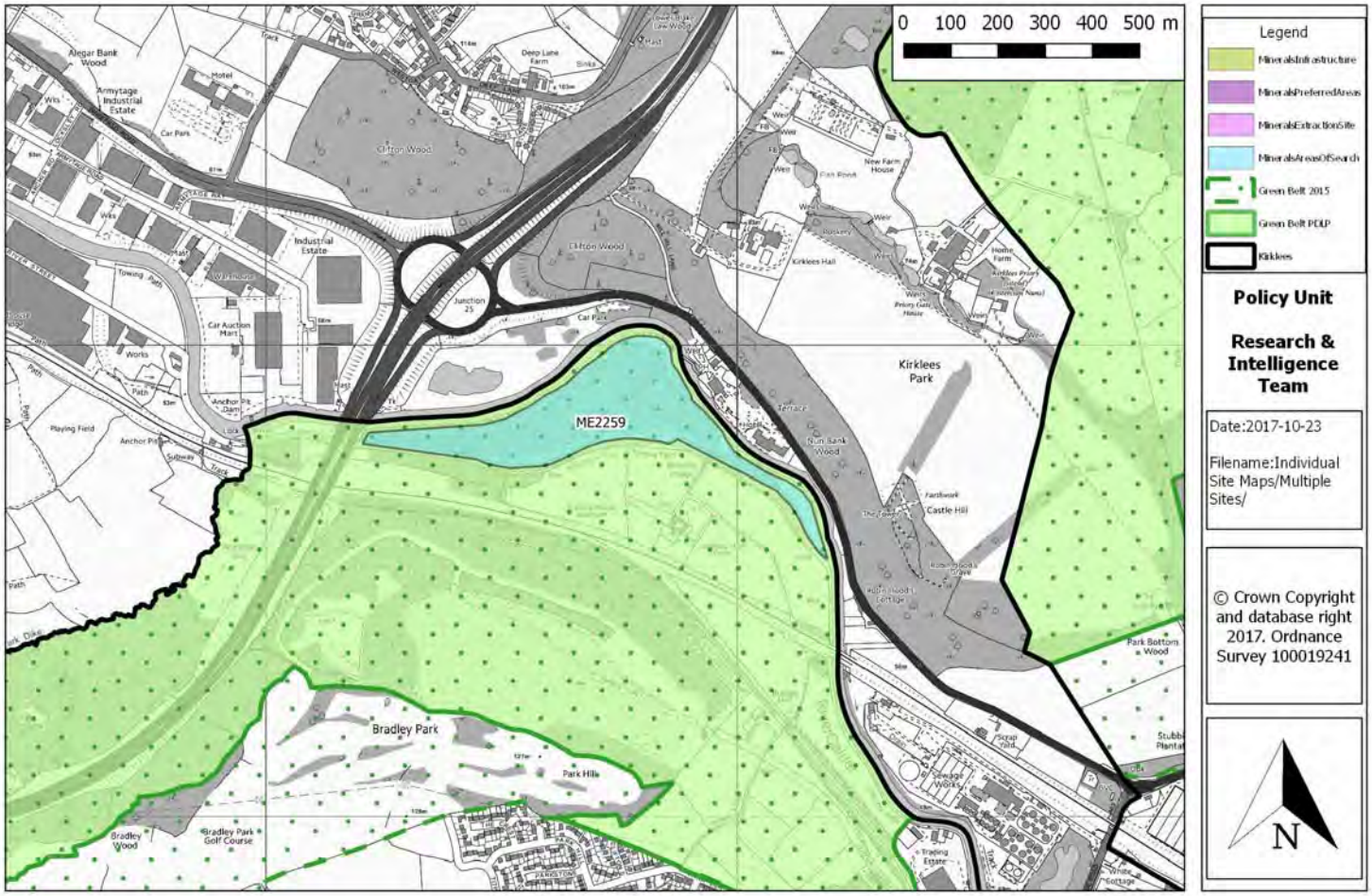
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		None identified.
Open Space	N/A	N/A
Public Health		Levels of obesity are higher than the Kirklees average. Rates of lonely and isolated in the under and over 65s are higher than the Kirklees average
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Active mineral working - Current extant permissions allow site to be worked until 2025

ME2258: Land off Thewlis Lane Crosland Moor		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone site is within 500m of sensitive receptors with dwellings at Sandene Avenue, Sandene Drive, Crosland Hill Road to the north and Balmoral Avenue, Foster Avenue and Longden Avenue to the West. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	The site includes recreational space and is adjacent to PRoW HUD/220/20 and so, the extraction of minerals may mean removing or temporarily closing land which has potential for recreation within and access to the countryside. As such, a significant negative effect is expected. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is located between250m and 1km of a Candidate Local Wildlife Site, a Local Wildlife Site and Regionally Important Geological Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 and is not within or adjacent to a water body; therefore a negligible effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 8: recreation facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2259 - Kirklees Lock, Clifton (8.5ha),

Accepted Mineral Area of Search Sites: ME2259



ME2259 **Kirklees Lock, Clifton (8.5ha),**

Proposed Land Use	Mineral areas of search
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Settlement Extension
Gross area (Ha)	9.96
Net area (Ha)	
Housing Capacity	
Employment Floorspace	-
PDLP Outcome	Accept

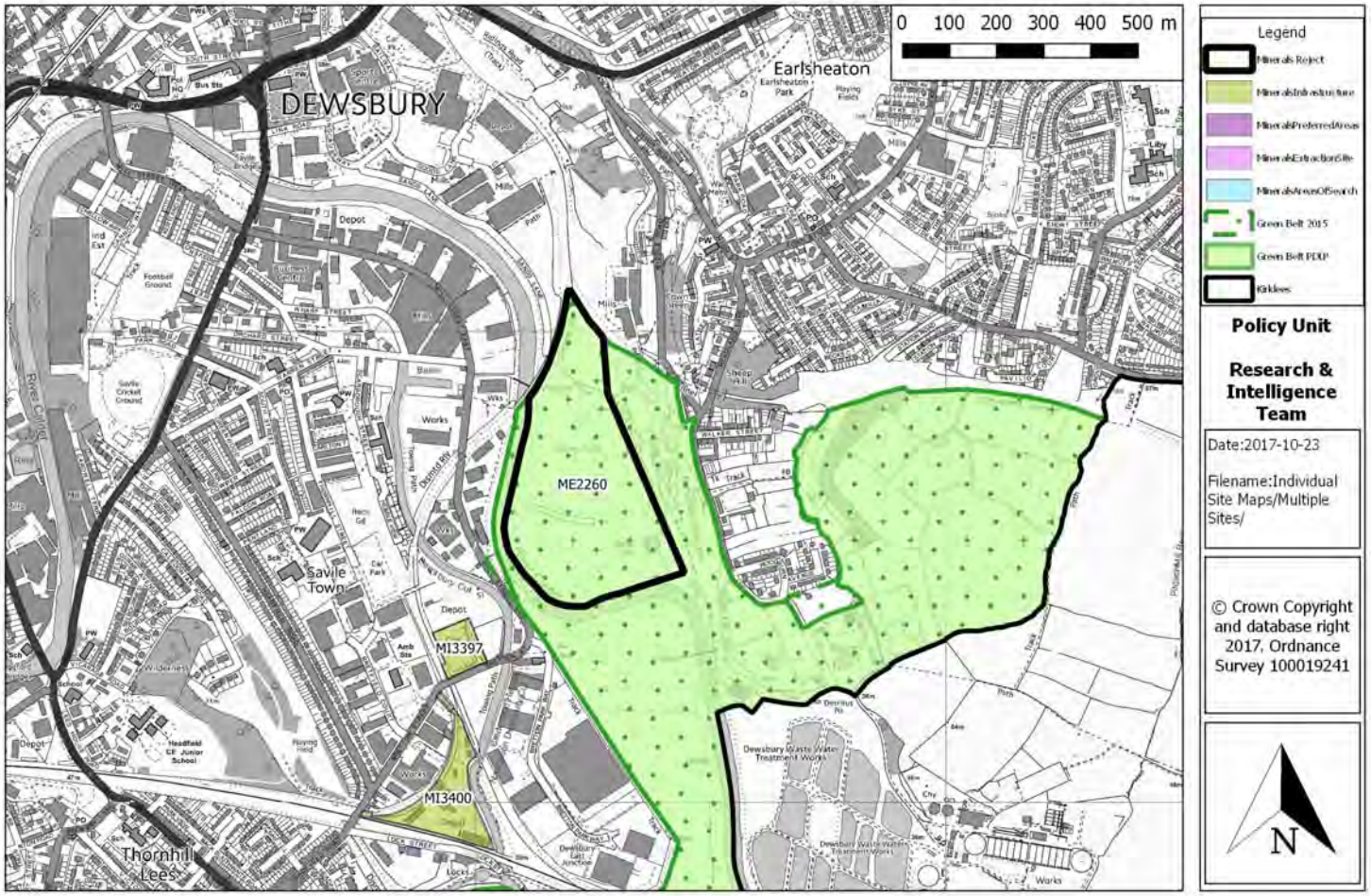
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		Following discussion with WYE it was determined that mineral extraction could be acceptable with appropriate mitigation during working and securing a restoration scheme which contributes significantly to local biodiversity. Further opinion has also obtain
Historic Environment		Site in close proximity to Kirklees Park, Grade II Historic Park and Garden and other listed buildings in the area. Therefore mitigation may be required
Flood risk and Drainage		No significant constraints . Sand and gravel extraction is considered to be a water compatible use.
Highways/Transport		Access could be gained via existing track which links to Quarry Road. However, this is likely to require significant alterations to ensure HGVs can operate safely
Environmental Protection		Potential for issues relating to residential amenity i.e. air quality, noise etc.
Other Constraints		None identified.
Open Space		No significant issues
Public Health		Levels of obesity are higher than the Kirklees average. Need to ensure there are adequate physical activity opportunities, consider restricting the numbers of fast food takeaways, ensure that developments include opportunity to grow fruit and vegetables,
Green Belt Edge	N/A	N/A
Green Belt Site		Mineral extraction is appropriate development in the Green Belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Allocate as an area of search

ME2259: Kirklees Lock, Clifton (8.5ha)		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	0	The site is not within 100m of sensitive receptors, a negligible effect is expected on this SA objective; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sand and gravel site is located within 250m of sensitive receptors with Mill Cottage Montessori School located to the west of the site. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	The site is within 250m of Bradley Park and so the extraction of minerals may make the park less attractive for users and impact on amenity. A minor negative effect is expected on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+?	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located within 1km from a railway or canal, therefore a minor positive effect on this SA objective is likely, although this is uncertain.
11. Secure the efficient and prudent use of land.	--	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 3 agricultural land; therefore a significant negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	0/+?	The site is not located within 1km of any designated biodiversity or geodiversity site; therefore a negligible effect is expected. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 but the River Calder runs adjacent to the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA but access to the site ; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	This sand and gravel site is located within flood zone 3b which are classed as water compatible development and the extraction of such a mineral is therefore suitable. A negligible effect on this SA objective is therefore likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 11: prudent & efficient use of land. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2260 - Sand Mill, Earlsheaton

ME2260



ME2260	**Sand Mill, Earlsheaton**
Proposed Land Use	Mineral areas of search
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Settlement Extension
Gross area (Ha)	13.83
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Reject

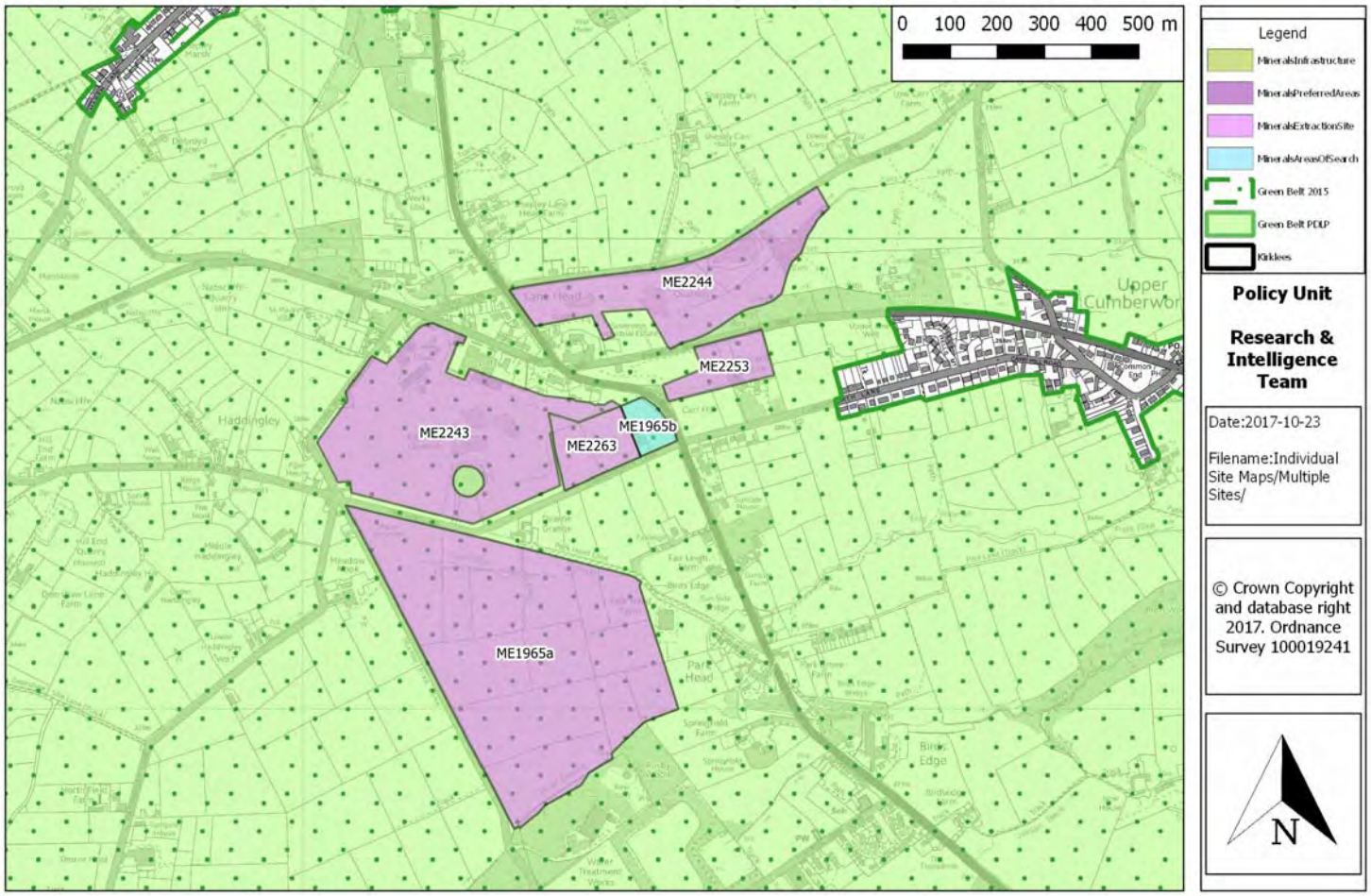
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		Possible to develop the site for mineral extraction subject to setting aside 7.22 ha. of land
Historic Environment		No impacts on heritage assets.
Flood risk and Drainage		No significant constraints
Highways/Transport		Highway network providing potential access to the site is unsuitable for HGVs. NPPF.
Environmental Protection		Potential for issues relating to residential amenity i.e. air quality, noise etc.
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space		loss of good quality and well used sports pitches does not accord with paragraph 74 of the NPPF.
Public Health		Levels of obesity are higher than the Kirklees average. Rates of respiratory emergency admissions are higher than the Kirklees average. Rates of lonely and isolated in the over 65s are higher than the Kirklees average
Green Belt Edge	N/A	N/A
Green Belt Site		Mineral extraction is appropriate development in the Green Belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Highway network providing potential access to the site is unsuitable for HGVs. Furthermore the loss of well used and good quality playing fields would not accord with Paragraph 74 of the NPPF.

ME2260: Sand Mill, Earlsheaton (4ha)		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sand and gravel site is located within 250m of sensitive receptors with dwellings located off Long Lane and Headland Lane to the west. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	This site includes PRoW DEW/136/10 and recreational space and so, the extraction of minerals may mean removing or temporarily closing land which has potential for recreation within and access to the countryside. As such, a significant negative effect is expected. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+?	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located within 1km from a railway or canal, therefore a minor positive effect on this SA objective is likely although this is uncertain.
11. Secure the efficient and prudent use of land.	--	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 3 agricultural land; therefore a significant negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible, although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Local Nature Reserve and a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 but the River Calder runs adjacent to the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	This sand and gravel site is located within flood zone 3b which are classed as water compatible development and the extraction of such a mineral is therefore suitable. A negligible effect on this SA objective is therefore likely.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objectives 11: prudent & efficient use of land and 8: recreation facilities and open space; this effect contributes to a mixed effect overall. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2263 - Land adjacent to Appleton Quarry Holmfirth Road Shepley,

Accepted Mineral Extraction Sites: ME2263



ME2263 **Land adjacent to Appleton Quarry Holmfirth Road Shepley,**

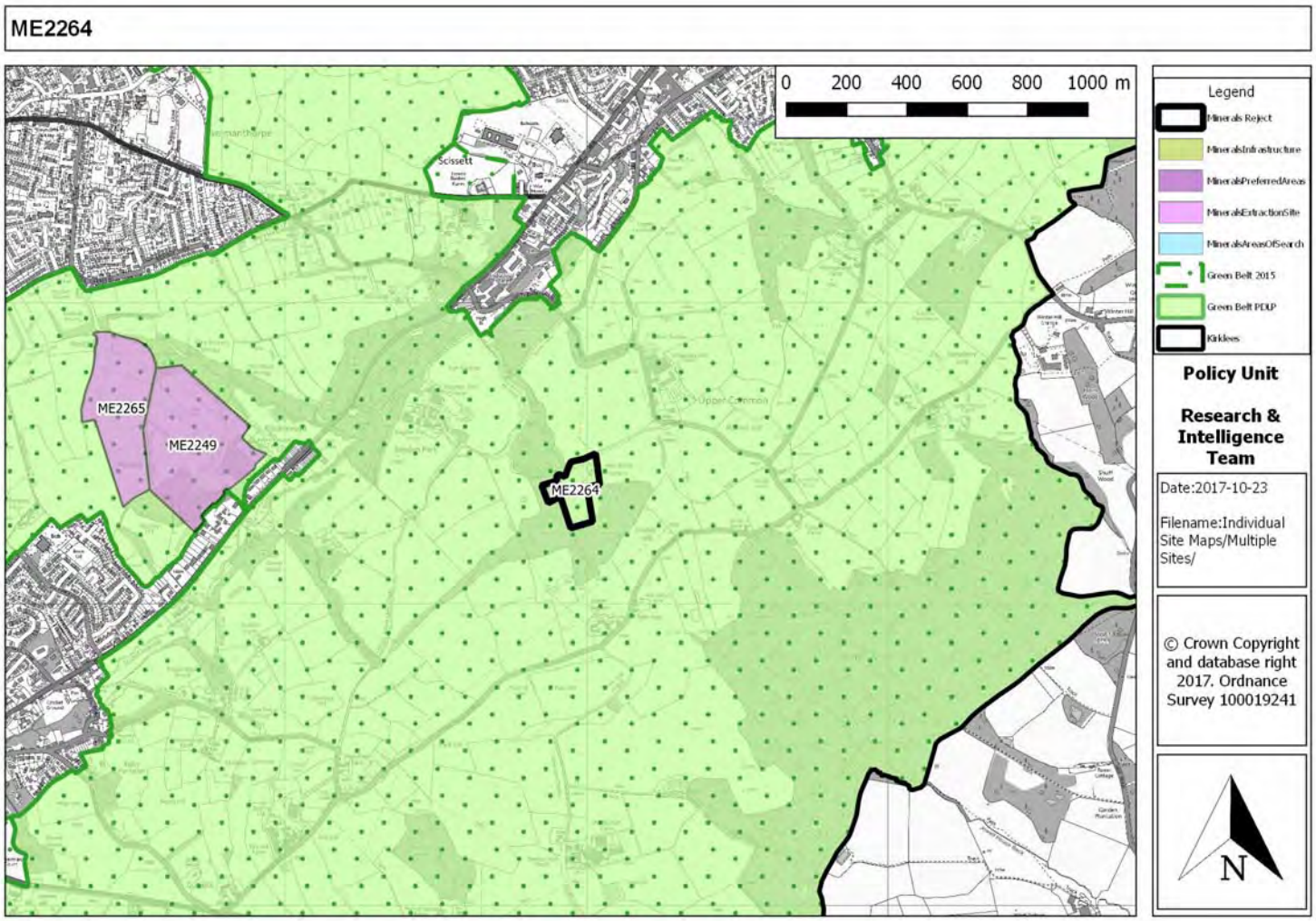
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	2.12
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		
Historic Environment		
Flood risk and Drainage		
Highways/Transport		
Environmental Protection		
Other Constraints		None identified.
Open Space	N/A	N/A
Public Health		Levels of obesity are higher than the Kirklees average. Rates of lonely and isolated in the under and over 65s are higher than the Kirklees average
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Active site However further progression into extension area linked to satisfactory restoration being completed in the existing quarry. Current permission to extract mineral expires January 2022

ME2263: Land adjacent to Appleton Quarry Holmfirth Road Shepley		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This sandstone and clay and shale site is located within 250m of sensitive receptors. Dwellings are located on Cumberworth Lane to the south of the site, Penistone Road to the west and Holmfirth Road to the north of the site. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	0/+?	This site is not located more than 250m from leisure and recreational space including PRoW. A negligible effect is therefore expected on this SA. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 and is not within or adjacent to a water body; therefore a negligible effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: No potential significant effects have been identified.		

ME2264 - Hey Royds, Wheatley Hill Lane, Scissett



ME2264	**Hey Royds, Wheatley Hill Lane, Scissett**
Proposed Land Use	Mineral areas of search
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	2.45
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Reject

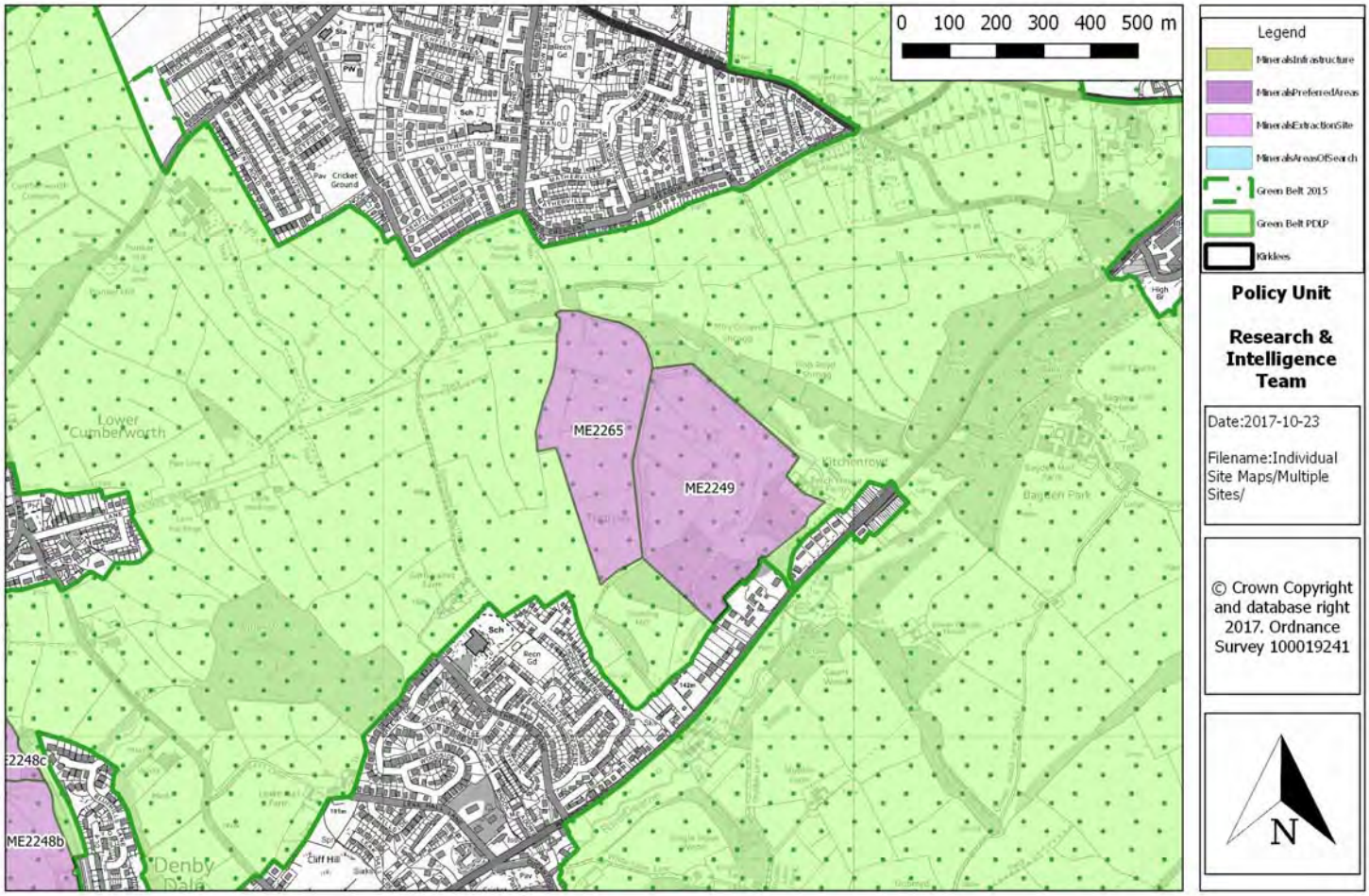
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No significant constraints
Historic Environment		Potential impact on heritage asset needs to be considered
Flood risk and Drainage		No significant change
Highways/Transport		Use of Bark Wheatley Hill Lane Lane/Cuttlehirst would not be suitable for HGV traffic and suitable access to the site cannot be achieved.
Environmental Protection		Potential for issues relating to residential amenity i.e. air quality, noise etc.
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space		No significant issues identified
Public Health		No significant issues identified
Green Belt Edge	N/A	N/A
Green Belt Site		Mineral extraction is an appropriate development in the Green belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Use of Bark Wheatley Hill Lane Lane/Cuttlehirst would not be suitable for HGV traffic and suitable access to the site cannot be achieved.

ME2264: Hey Royds, Wheatley Hill Lane, Scissett		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	0	The site is more than a 100m of sensitive receptors, therefore a negligible effect is expected on this objective.
5. Protect local amenity including avoiding noise and light pollution.	-?	This coal site is located within 500m of sensitive receptors with dwellings located on Bagden Road. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	The north edge of the site includes PRoW DEN/116/20, and so, the extraction of minerals may mean removing or temporarily closing land which has potential for recreation within and access to the countryside. As such, a significant negative effect is expected. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	The site is an active mineral extraction site/has extant planning permission for mineral extraction, the impact on historic environment has therefore been assessed as part of the planning permission for the site, and has been previously accepted. Allocating this site in the Kirklees Local Plan would therefore have a negligible effect on this SA objective, although this is uncertain as it would depend on the restoration proposals for the site.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of 3 Candidate Wildlife Sites and a Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 and is not within or adjacent to a water body; therefore a negligible effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 8: recreation facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2265 - Hen Perch Quarry, Thorpe Lane, Denby Dale

Accepted Mineral Extraction Sites: ME2265



ME2265 **Hen Perch Quarry, Thorpe Lane, Denby Dale**

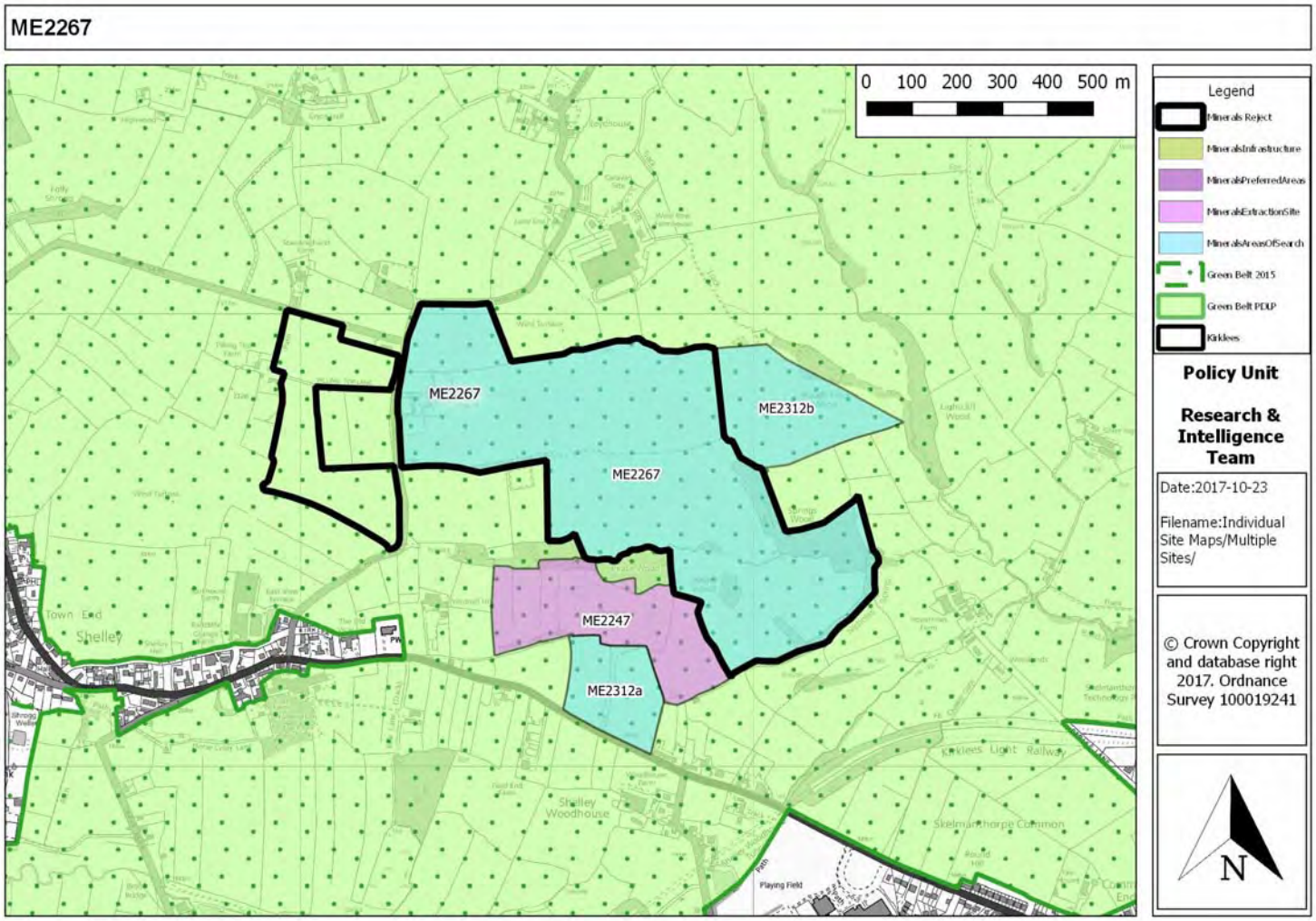
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	Greenfield
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	9
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No biodiversity issues.
Historic Environment		No impact on heritage assets. Archaeological evaluation would be required to support any subsequent planning application
Flood risk and Drainage		Based on site being in FZ1.No significant constraints identified
Highways/Transport		Existing access to the operational quarry. This could potentially be utilised for the proposed extension. Subject to restrictions on HGV movements, which are currently in place for the existing quarry.
Environmental Protection		Due to the nature of mineral extraction operations there is potential for noise, air and odour issues.
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space		Significant proportion of the site falls within strategic green infrastructure allocation. However, it is considered that the operation of a mineral site in this location would not compromise this allocation and the subsequent restoration of the site coul
Public Health		Site in an area not flagged by public health.
Green Belt Edge	N/A	N/A
Green Belt Site		Minerals extraction is an appropriate use within the green belt.
Exceptional Circumstances	-	N/A
Overall Conclusion	-	No significant constraints. Issues identified could be mitigated.. Option accepted based on recommendation from Urban Vision Study where it has been identified that there is a need to have a variety of sites producing different clay resources to meet the

ME2265: Hen Perch Quarry, Thorpe Lane, Denby Dale		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This clay and shale site is located within 250m of sensitive receptors. Dwellings are located at Thorpes Crescent, Matherville to the north of the site and Thorpes Avenue and Gilthwaites Crescent to the South. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	The edge of the site includes PRoW DEN/111/20, DEN/11/10 and Bridleway Den/59/10, and so, the extraction of minerals may mean removing or temporarily closing land which has potential for recreation within and access to the countryside. As such, a significant negative effect is expected. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	--	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 3 agricultural land; therefore a significant negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible, although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Candidate Wildlife Sites; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 but the Thorpe Dike runs through the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objectives 11: prudent & efficient use of land and 8: recreation facilities as part of a mixed effect overall. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2267 - Land to the north of, Peace Wood Quarry, Green House Hill, Shelley



ME2267 **Land to the north of, Peace Wood Quarry, Green House Hill, Shelley**

Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	Greenfield
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	47.8
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Reject

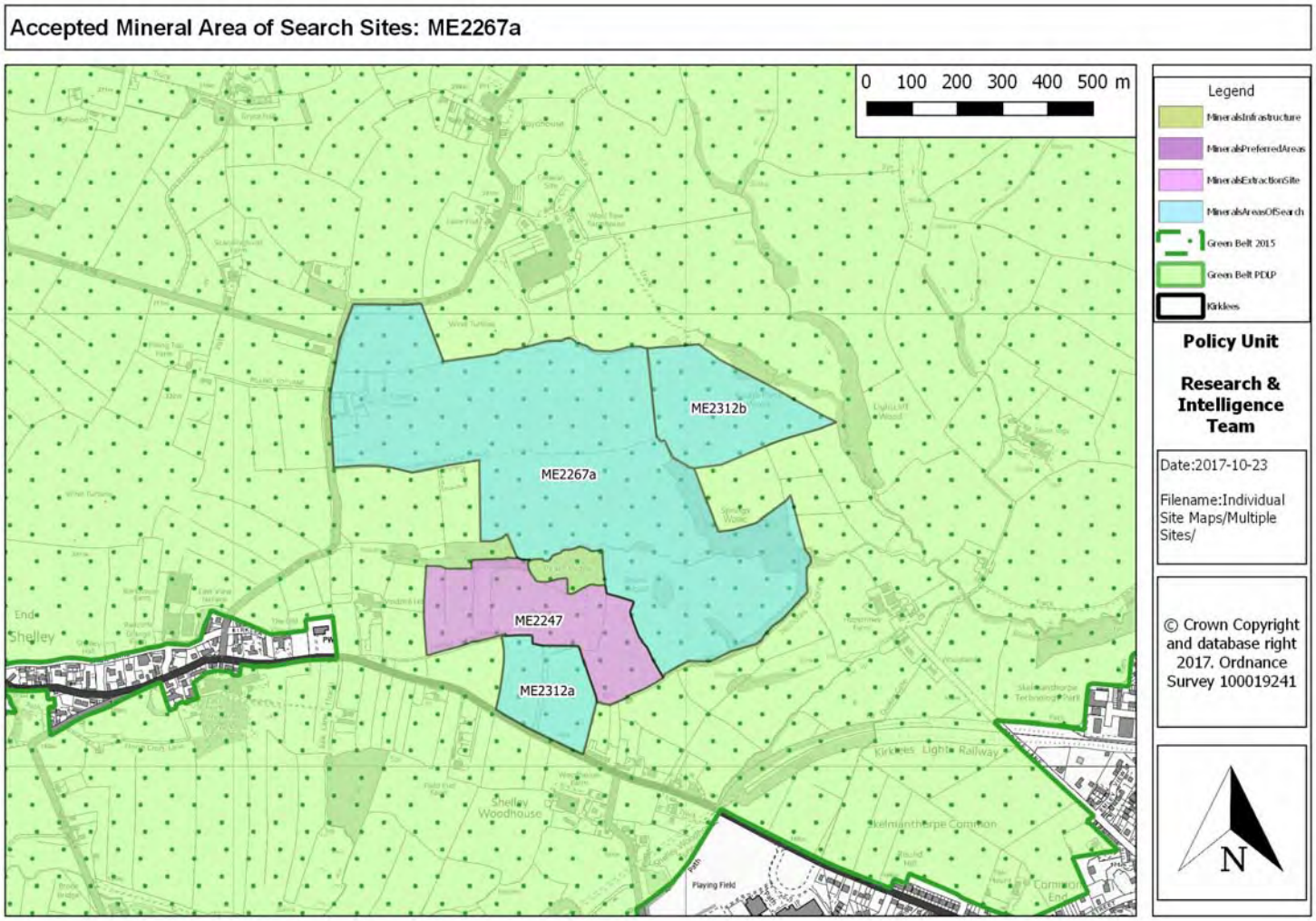
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		Remove 5.58ha from developable area leaving 42.07ha. This is to mitigate from the potential impact upon the local wildlife site, UK BAP Priority Network and the habitat network.
Historic Environment		The Grade II Listed Church of Emmanuel lies close to south of this area. Mineral extraction could harm elements which contribute towards its significance.
Flood risk and Drainage		Flood zone 1. No objection from strategic drainage
Highways/Transport		Access via Green House Hill which is subject to a de-restricted speed limit. A stopping sight distance of 215m is therefore required. PROW KIR/134/10 to west of site.
Environmental Protection		Full EIA required. Due to the nature of mineral extraction there is the potential for noise, dust and odour issues.
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space		N/A
Public Health		No applicable health problems
Green Belt Edge	N/A	N/A
Green Belt Site		Minerals extraction is an appropriate use in the green belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Site has now been split into two separate allocations ME2267a and ME2267b

ME2267: Land to the north of, Peace Wood Quarry, Green House Hill, Shelley

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	0	The site is more than a 100m of sensitive receptors, therefore a negligible effect is expected on this objective.
5. Protect local amenity including avoiding noise and light pollution.	-?	This clay and shale site is located within 250m of sensitive receptors. Dwellings are located at Kirklea to the south. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	The boundary to the east of the site includes PRoW KIR/134/10 and so, the extraction of minerals may mean removing or temporarily closing land which has potential for recreation within and access to the countryside. As such, a significant negative effect is expected. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?/+?	The site is located within 250m of a Candidate Local Wildlife Site; therefore a significant negative effect is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 but the Nicholas Spring runs along the south edge of the site and a water body runs through the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objectives 8: recreation facilities and 14: biodiversity and geodiversity as part of a mixed effect overall. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2267a - Land north of, Peace Wood Quarry, Green House Hill, Shelley



ME2267a **Land north of, Peace Wood Quarry, Green House Hill, Shelley**

Proposed Land Use	Mineral areas of search
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	39.85
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

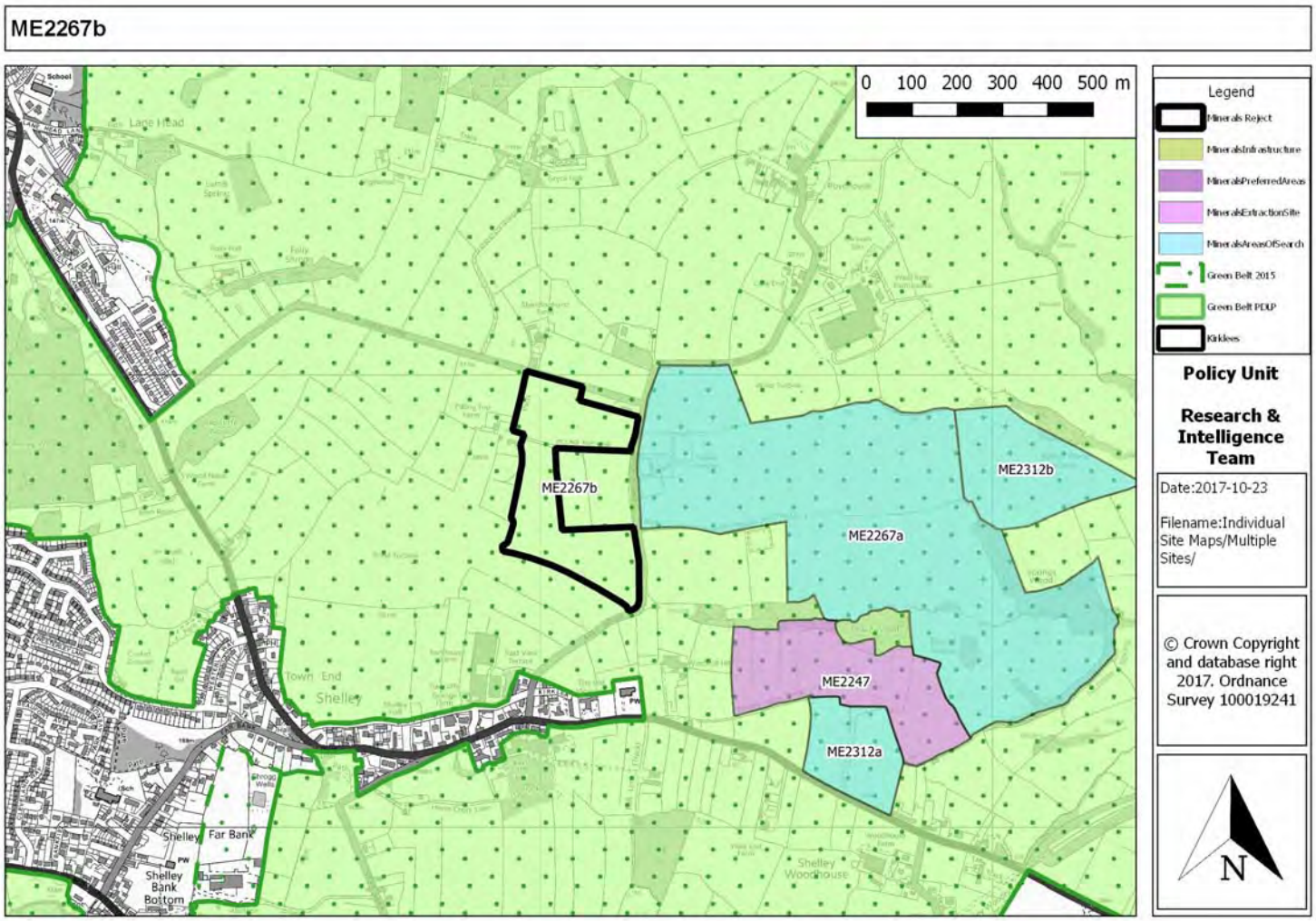
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		Proposal acceptable subject to the inclusion of adequate standoff areas near environmentally sensitive locations
Historic Environment		No significant constraints. Impact on local heritage assets would need to be assessed prior to subsequent planning application being determined
Flood risk and Drainage		Water infrastructure crossing the site which will require protection
Highways/Transport		Access can be achieved subject to ME2312a and ME2247 being developed at the same time.
Environmental Protection		Potential for issues relating to residential amenity i.e. air quality, noise etc.
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space		No issues significant identified
Public Health		No significant issues identified
Green Belt Edge	N/A	N/A
Green Belt Site		Mineral extraction is appropriate development within the Green Belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Allocate as an area of Search. No significant constraints. However issues associated with residential amenity, access, and water infrastructure crossing the site would need to be addressed as part of any subsequent proposals to extract mineral

ME2267a: Land to the north of, Peace Wood Quarry, Green House Hill, Shelley

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	0	The site is more than 100m from sensitive receptors therefore would have a negligible effect on the sensitive receptor.
5. Protect local amenity including avoiding noise and light pollution.	-?	This area is located within 250m of sensitive receptors. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	There is an open space or right of way within 250m of the site and so the extraction of minerals at this site may make it this less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	0?/+?	The site is not located within 1km of any designated biodiversity or geodiversity site; therefore a negligible effect is expected.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 but the Nicholas Spring runs along the south edge of the site and a water body runs through the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: No potential significant effects have been identified.		

ME2267b - Land north of, Peace Wood Quarry, Green House Hill, Shelley



ME2267b **Land north of, Peace Wood Quarry, Green House Hill, Shelley**

Proposed Land Use	Mineral areas of search
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	7.95
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Reject

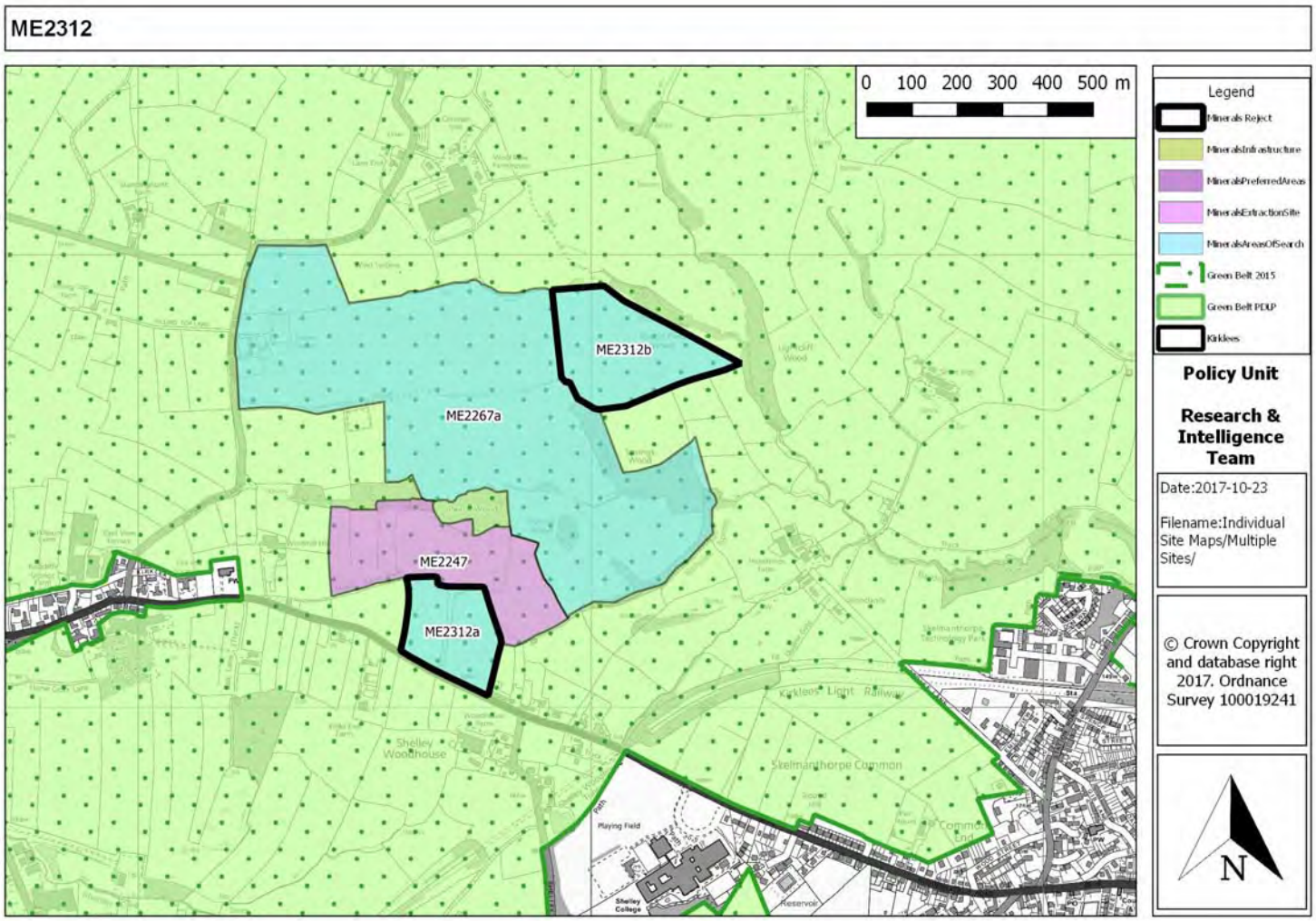
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No significant constraints
Historic Environment		No significant constraints. Impact on local heritage assets would need to be assessed prior to subsequent planning application being determined
Flood risk and Drainage		No significant constraints
Highways/Transport		Use of Bark House lane/Green Houses Hill would not be suitable for HGV traffic and suitable access to the site cannot be achieved. However, use of Barkhouse Lane and Cross Lane as links to highways network
Environmental Protection		Potential for issues relating to residential amenity i.e. air quality, noise etc.
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space		No issues significant identified
Public Health		No significant issues identified
Green Belt Edge	N/A	N/A
Green Belt Site		Mineral extraction is appropriate development within the Green Belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Use of Bark House lane/Green Houses Hill would not be suitable for HGV traffic and suitable access to the site cannot be achieved.

ME2267b: Land to the north of, Peace Wood Quarry, Green House Hill, Shelley

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This area is located within 250m of sensitive receptors. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	There is an open space or right of way situated within the site so the extraction of minerals at this site may lead to the loss of these PROWs or the re-directing of these PROWs which may make the PROWs less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Locally Designated Biodiversity Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and there are no water bodies within or adjacent the site; therefore a negligible effect on this SA objective is likely. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 8: recreation facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2312 - Land to the north and south of, Peace Wood Quarry, Green House Hill, Shelley



ME2312 **Land to the north and south of, Peace Wood Quarry, Green House Hill, Shelley**

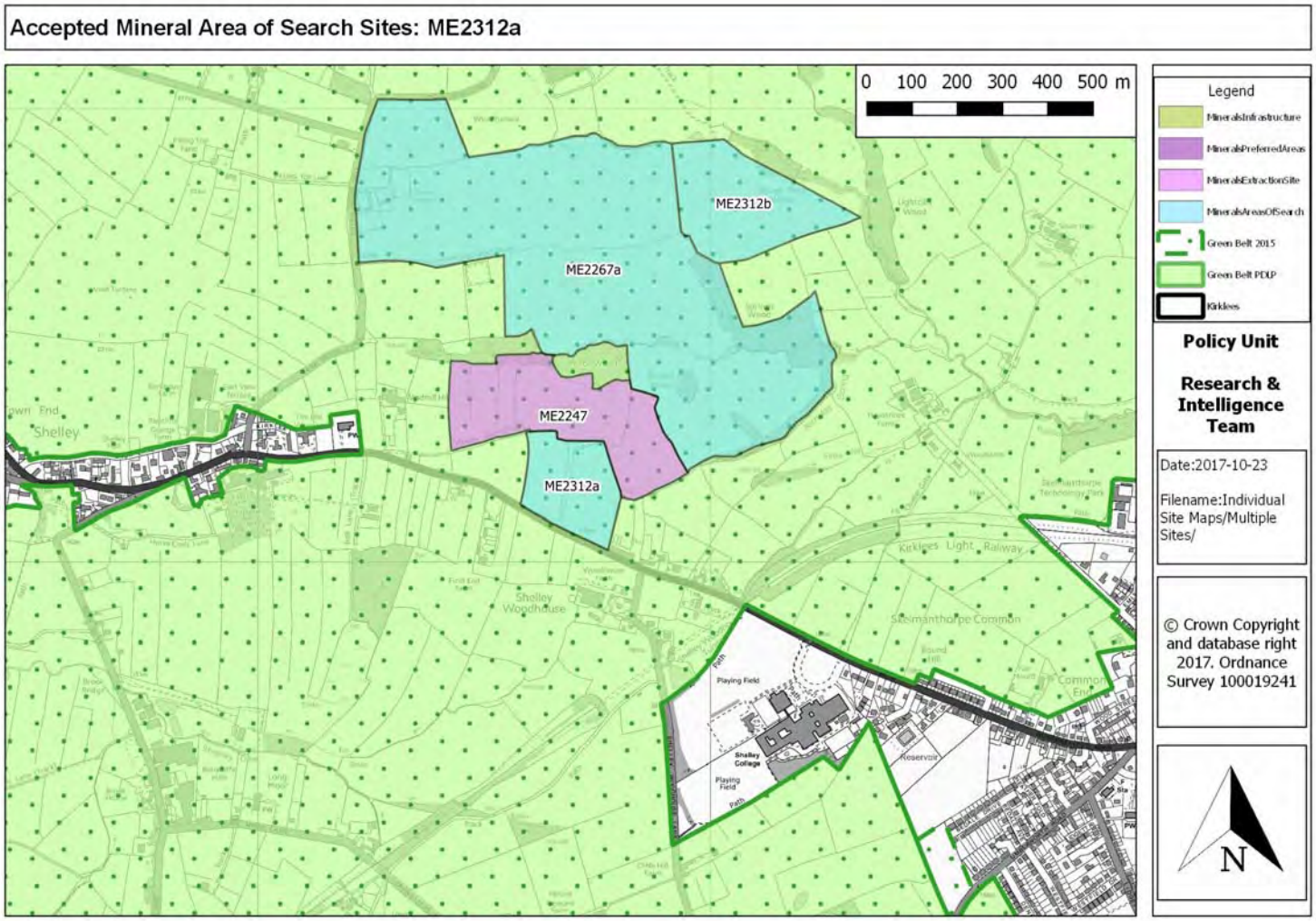
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	Greenfield
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	10.64
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Reject

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No biodiversity issues identified.
Historic Environment		The Grade II Listed Church of Emmanuel lies close to south of this area. Mineral extraction could harm elements which contribute towards its significance. Given area & known sites in vicinity WYASS would recommend pre-determination archaeological evaluati
Flood risk and Drainage		Flood zone 1. No objections from strategic drainage.
Highways/Transport		Southern site - Access can be achieved from B6116 Huddersfield Road. 2.4 x 120m (40mph speed limit) visibility splays required. Northern site - No site frontage to public highway. No suitable site access can be achieved.
Environmental Protection		Full EIA required. Due to the nature of mineral extraction there is potential for noise, air and odour issues.
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space		N/A
Public Health		No applicable health problems
Green Belt Edge	N/A	N/A
Green Belt Site		Minerals extraction is an appropriate use in the green belt.
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Site has been split into two separate allocations ME2312a and 2312b

ME2312: Land to the north and south of, Peace Wood Quarry, Green House Hill, Shelley		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This clay and shale site is located within 250m of sensitive receptors. Dwellings are located along Shelly Woodhouse Lane to the south. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	The site is within 250m of PROW DEN/104/10, and so the extraction of minerals at this site may make the PROW less attractive for users and impact on amenity. As such, a minor negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+?	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located within 1km from a railway therefore a minor positive effect on this SA objective is likely, although this is uncertain.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?/+?	The site is located within 250m of a Candidate Local Wildlife Site; therefore a significant negative effect is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 but the Nicholas Spring begins along the west edge of the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective d 14: biodiversity and geo diversity as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2312a - Land to the north of Huddersfield Road, Shelley Woodhouse



ME2312a **Land to the north of Huddersfield Road, Shelley Woodhouse**

Proposed Land Use	Mineral areas of search
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	4.03
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

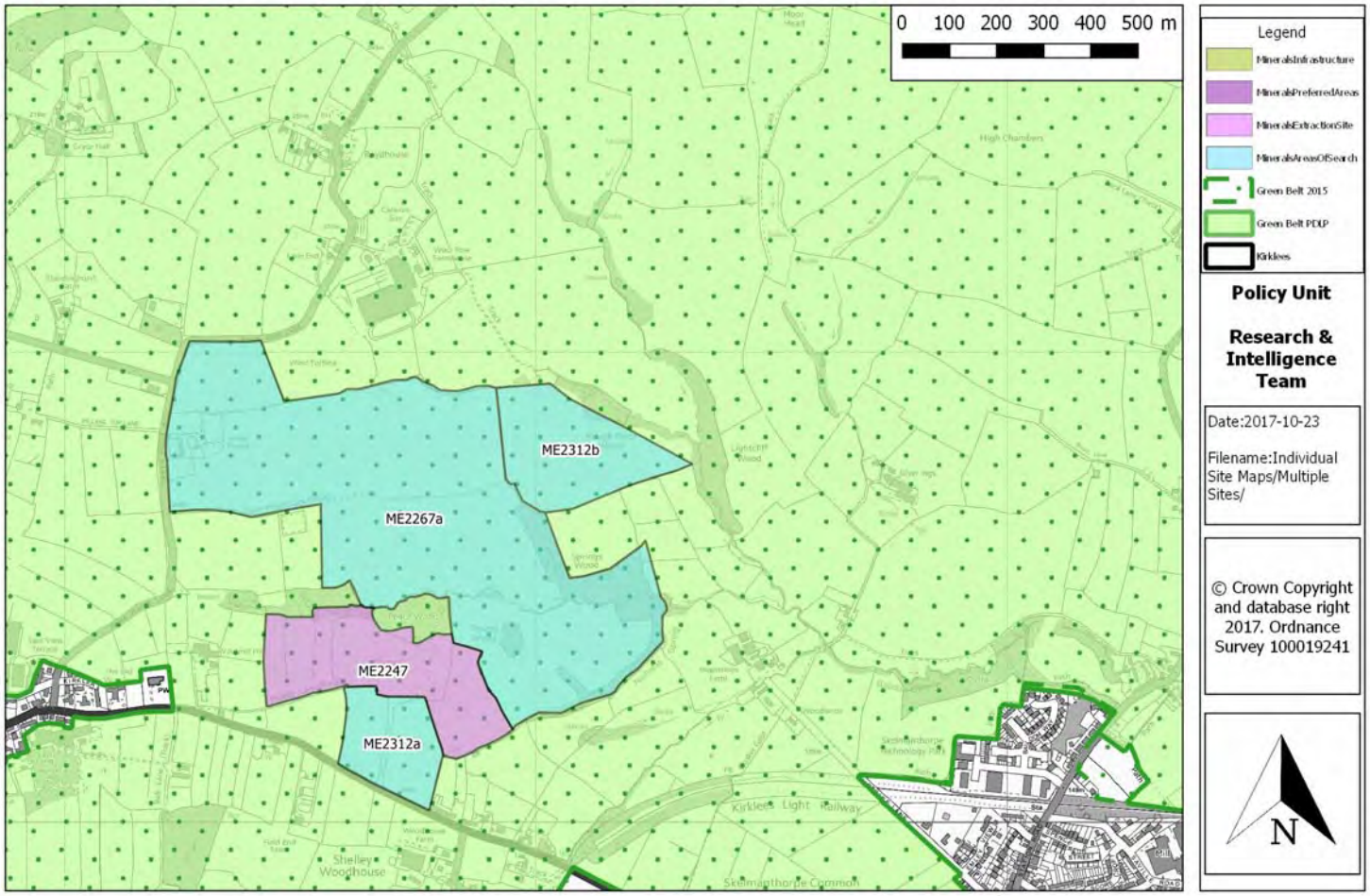
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No significant issues identified
Historic Environment		No significant issues identified
Flood risk and Drainage		No significant issues raised
Highways/Transport		Access can be achieved from existing site access but alterations may be required to allow two HGVs to pass moving in opposite directions
Environmental Protection		Potential for issues relating to residential amenity i.e. air quality, noise etc.
Other Constraints		None identified.
Open Space		No significant issues identified
Public Health		No significant issues identified
Green Belt Edge	N/A	N/A
Green Belt Site		Mineral extraction is appropriate development within the Green Belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Allocate as area of search. No significant constraints. However issues associated with residential amenity and access would need to be addressed as part of any subsequent proposals to extract mineral

ME2312a: Land to the north of Huddersfield Road, Shelley Woodhouse		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This area is located within 250m of sensitive receptors. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	0/+?	There is an open space or right of way more than 250m from the site and so the extraction of minerals at this site will not make it less attractive for users and will not impact on amenity. As such, a negligible effect is likely on this SA objective
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	0?/+?	The site is not located within 1km of any designated biodiversity or geodiversity site; therefore a negligible effect is expected.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 but the Nicholas Spring begins along the east edge of the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: No potential significant effects have been identified.		

ME2312b - Land west of, Peace Wood Quarry, Green House Hill, Shelley

Accepted Mineral Area of Search Sites: ME2312b



ME2312b **Land west of, Peace Wood Quarry, Green House Hill, Shelley**

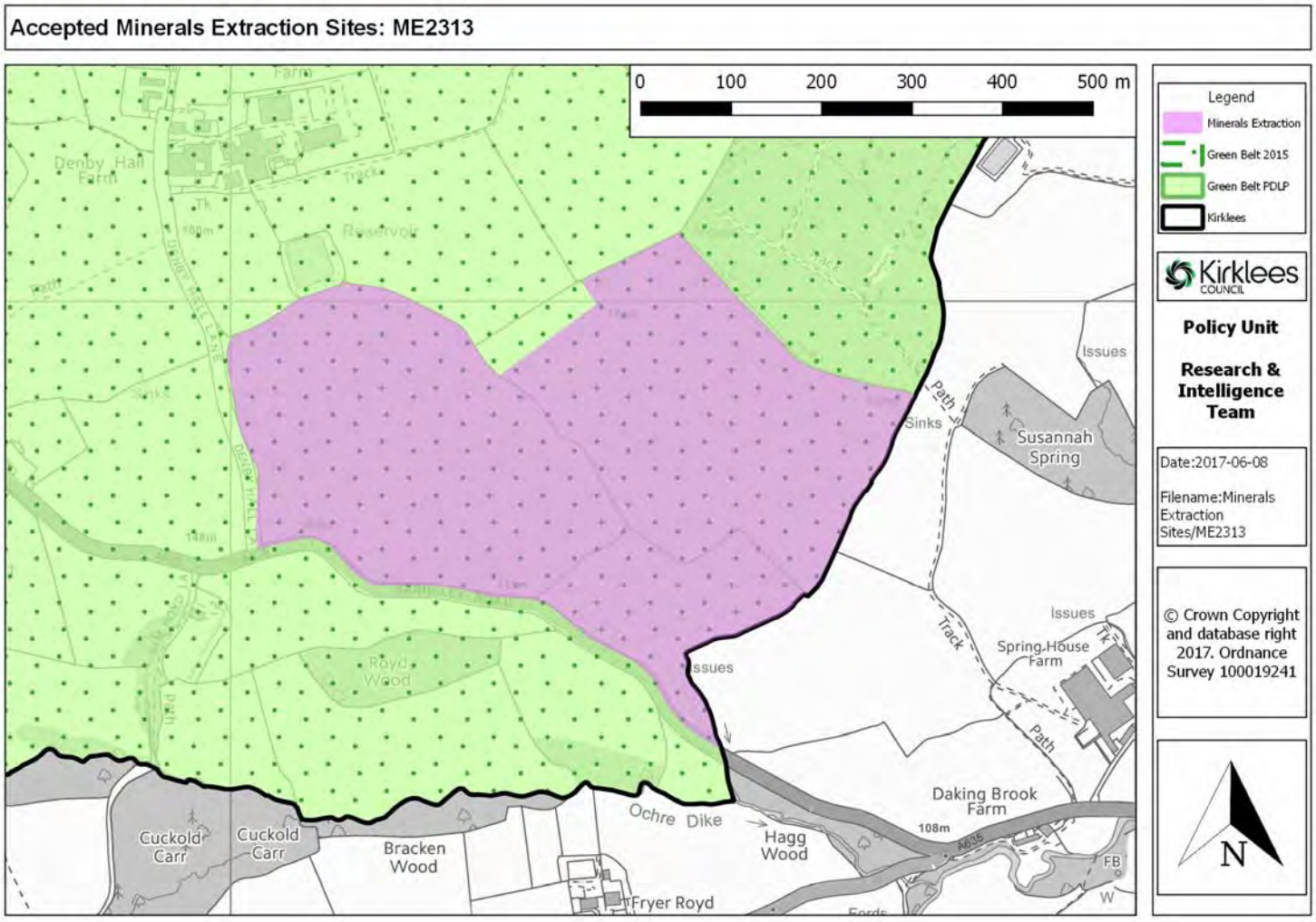
Proposed Land Use	Mineral areas of search
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	6.61
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		site could be developed for mineral extraction subject to the provision of adequate standoff distances from ancient woodland
Historic Environment		No significant issues identified.
Flood risk and Drainage		No significant constraints identified
Highways/Transport		Access could be achieved subject to the site being developed in conjunction with adjacent allocations ME2247 and ME2267a
Environmental Protection		Potential for issues relating to residential amenity i.e. air quality, noise etc.
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space		No significant issues identified
Public Health		No significant issues identified
Green Belt Edge	N/A	N/A
Green Belt Site		Mineral extraction is appropriate development within the Green Belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Allocate as an Area of Search. No significant constraints. However issues associated with residential amenity, and biodiversity would need to be addressed as part of any subsequent proposals to extract mineral

ME2312b: Land to the west of, Peace Wood Quarry, Green House Hill, Shelley		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This area is located within 250m of sensitive receptors. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	There is an open space or right of way within 250m of the site and so the extraction of minerals at this site may make it this less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	0?	Historic England has rated this site as 'green' in terms of the potential for effects on the historic environment, meaning that it considers that the development of the site is unlikely to result in harm to any designated heritage asset. The effect on this SA objective is therefore likely to be negligible, although this is uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	0?/+?	The site is not located within 1km of any designated biodiversity or geodiversity site; therefore a negligible effect is expected.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 but there are springs adjacent to the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: No potential significant effects have been identified.		

ME2313 - Land north of, A635 Barnsley Road, Denby Dale



ME2313 **Land north of, A635 Barnsley Road, Denby Dale**

Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	Greenfield
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	22.48
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Reject

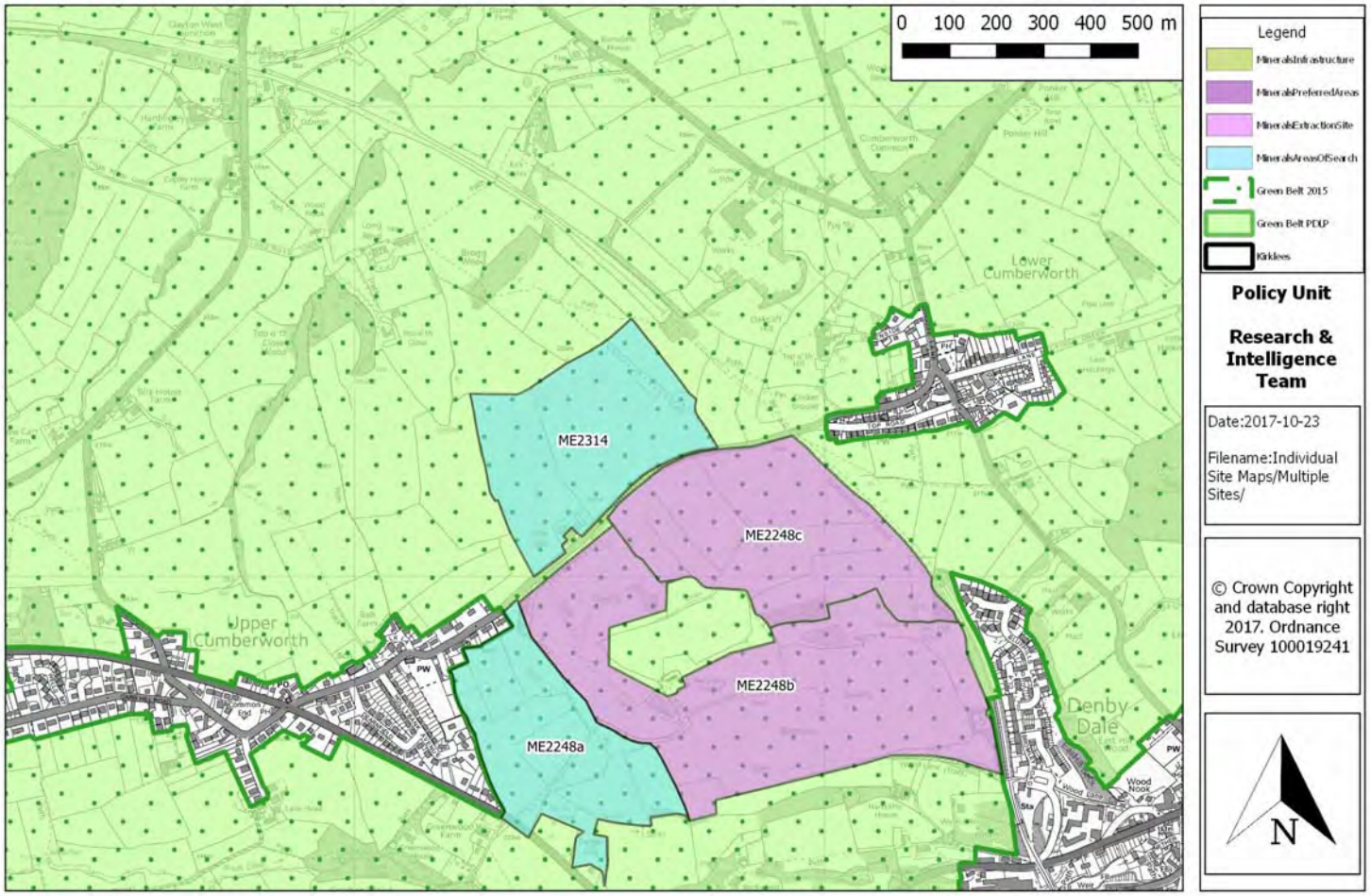
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		Site adjacent to replanted ancient woodland. Remove 0.67ha from developable area leaving 21.74ha.
Historic Environment		Site lies adjacent to Historic Park and Garden and also to Grade II listed building. Mitigation required.
Flood risk and Drainage		Flood zone 1. No objection from strategic drainage.
Highways/Transport		The proposed site has frontages onto Barnsley Road and Denby Hall Lane. Barnsley Road is a windy road with poor horizontal alignment and forward visibility in places. 2.4m x 160m visibility slays required (50mph speed limit). Denby Hall Lane is a narrow r
Environmental Protection		Full EIA required. Due to the nature of mineral operations there is potential for noise, air and odour issues.
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space		N/A
Public Health		No applicable health problems
Green Belt Edge	N/A	N/A
Green Belt Site		Minerals extraction is an appropriate use within the green belt.
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Consider that highways network in the vicinity is unsuitable and safe access to the site cannot be gained. Furthermore the site promoter has not provided evidence that mineral is present in viable quantities

ME2313: Land north of, A635 Barnsley Road, Denby Dale		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This clay and shale site is located within 250m of sensitive receptors. Dwellings are located at Denby Hall Farm to the north. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	The site is within 250m of PROW DEN/54/10, DEN/57/10 and Deffer Woods and so, the extraction of minerals at this site may make the PROW less attractive for users and impact on amenity. As such, a minor negative effect is likely on this SA objective. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	--	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 3 agricultural land; therefore a significant negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?/+?	The site is located within 250m of a Candidate Local Wildlife Site; therefore a significant negative effect is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 and is not within or adjacent to a water body; therefore a negligible effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 14: biodiversity and geo diversity as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2314 - Land north of, Cumberworth Lane, Lower Cumberworth

Accepted Mineral Area of Search Sites: ME2314



ME2314 **Land north of, Cumberworth Lane, Lower Cumberworth**

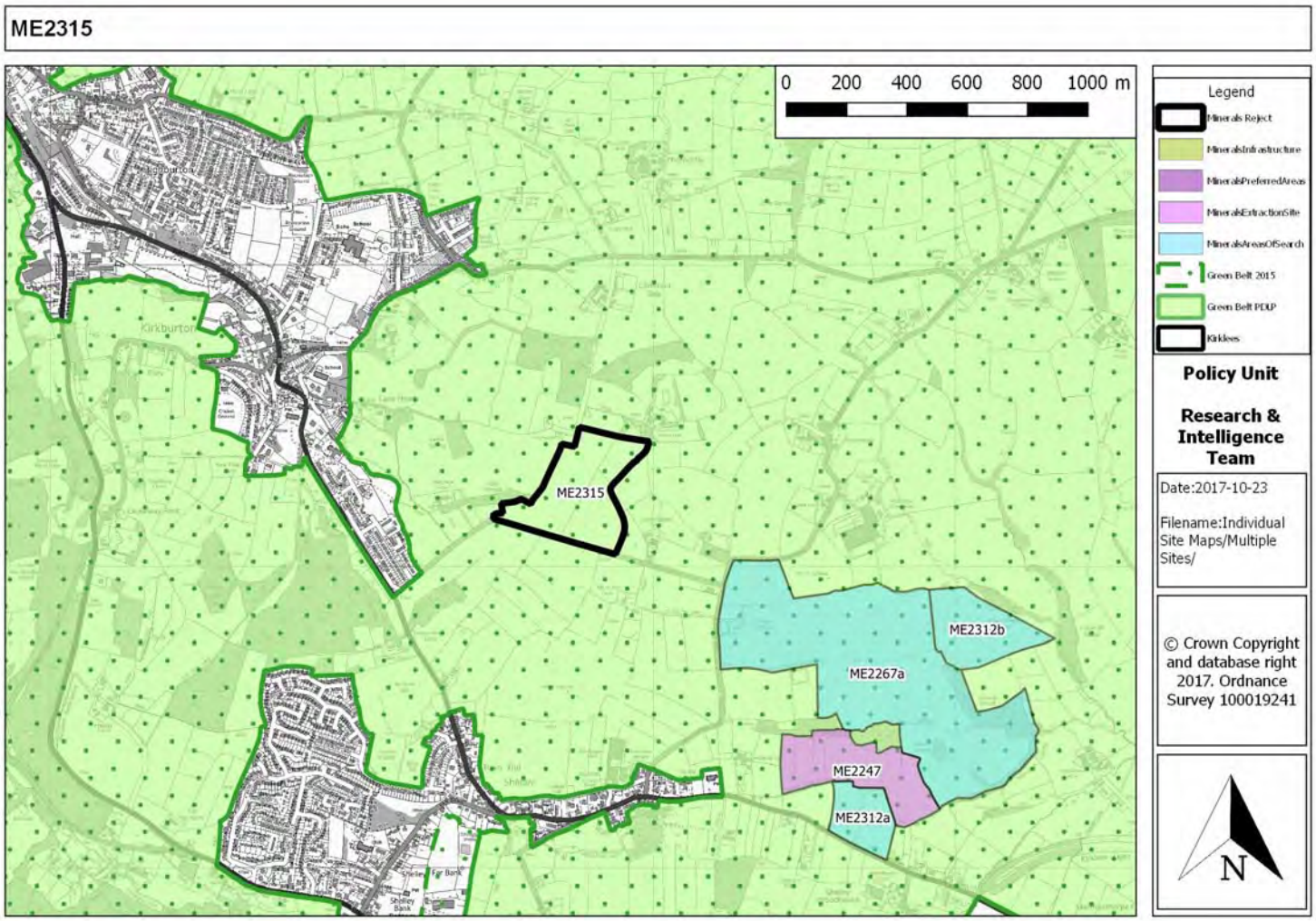
Proposed Land Use	Mineral areas of search
Is the site Green/Brownfield?	Greenfield
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	14.32
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No biodiversity constraints.
Historic Environment		Possible impact on several listed buildings which need to be fully considered if proposals are made to extract mineral from the site
Flood risk and Drainage		No significant issues
Highways/Transport		Visibility splays cannot be achieved without the provision of third party land. Site propose has not provided evidence of a willing landowner, presence of mineral in viable quantities.
Environmental Protection		Potential to detrimentally affect residential amenity due to noise, dust etc. These issues would therefore need to be addressed at the time of any subsequent proposals to extract mineral
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space		Site does not affect a Strategic Green Infrastructure area. No other open space issues.
Public Health		No issues identified
Green Belt Edge	N/A	N/A
Green Belt Site		Minerals extraction is an appropriate use in the green belt.
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Site promoter has not provided evidence of a willing landowner or presence of mineral in viable quantities. Although presence of mineral is likely there is currently insufficient evidence to justify the site being allocated as a mineral extraction or pref

ME2314: Land north of, Cumberworth Lane, Lower Cumberworth		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This clay and shale site is located within 250m of sensitive receptors. Dwellings are located on Top Road and Cumberworth Lane. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	This site includes PRoW DEN/87/20, and so, the extraction of minerals may mean removing or temporarily closing land which has potential for recreation within and access to the countryside. As such, a significant negative effect is expected. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	+?	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located within 1km from a railway therefore a minor positive effect on this SA objective is likely, although this is uncertain.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Candidate Wildlife Sites and 2 Local Wildlife Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 but has a Well present on the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 8: recreation facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2315 - Land north of, Cross Lane, Kirkburton



ME2315 **Land north of, Cross Lane, Kirkburton**

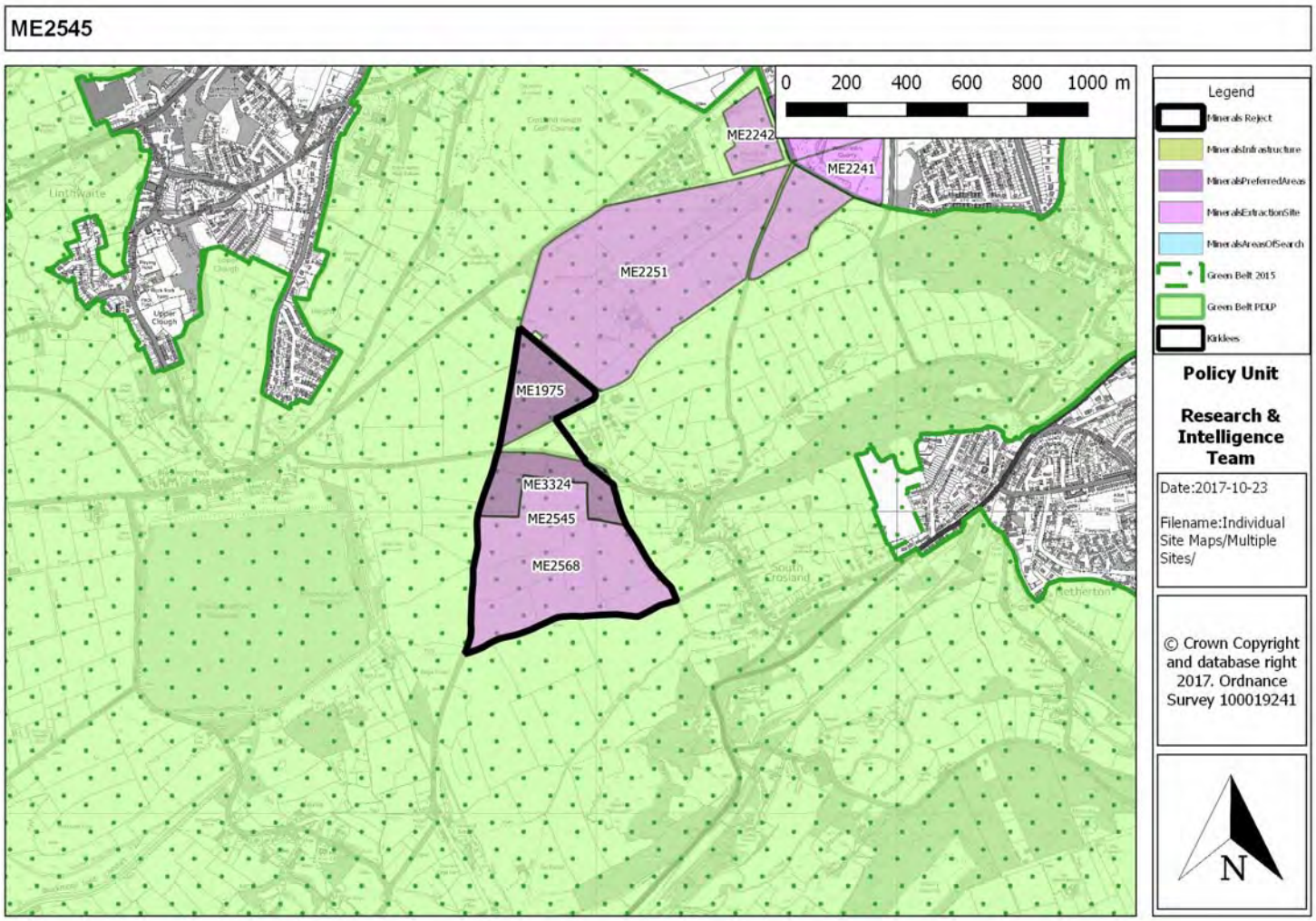
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	Greenfield
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	10.53
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Reject

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No biodiversity constraints.
Historic Environment		Site is close to Gryce Hall which is considered to be an undesignated heritage asset. Site adjacent to Kirkburton Conservation Area.
Flood risk and Drainage		Flood zone 1. No objection from strategic drainage.
Highways/Transport		Site access achievable, visibility splay achievable.
Environmental Protection		Full EIA required. Due to the nature of mineral extraction operations there is the potential for noise, dust and odour issues.Approx. 3.6 ha of the site fall within a high pressure gas pipe consultation distance and the pipeline crosses the north eastern
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space		N/A
Public Health		No applicable health problems
Green Belt Edge	N/A	N/A
Green Belt Site		Minerals extraction is an appropriate use within the green belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	Site promoter has failed to provide sufficient evidence to meet the tests set out in NPPF and NPPG. Site option rejected.

ME2315: Land north of, Cross Lane, Kirkburton		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This clay and shale site is located within 250m of sensitive receptors. Dwellings are located on Cross Lane to the south of the site and High Wood Lane to the north. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	This site includes PRoW KIR/128/10, and so, the extraction of minerals may mean removing or temporarily closing land which has potential for recreation within and access to the countryside. As such, a significant negative effect is expected. In addition, the restoration of minerals sites is increasingly adopting innovative practice and this could have a minor positive effect on providing recreation opportunities for all sites irrespective of their location. However, this would be very dependent on the exact nature and proposed design of the restoration of the minerals site, which would not be known until the planning application stage. Therefore, the positive part of the effect is uncertain.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of 2 Candidate Wildlife Sites; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development. In addition, there is the potential for the site to deliver biodiversity benefits in the long term; therefore a potential minor positive effect is also identified in relation to the site.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 but has a water body adjacent to the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 8: recreation facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2545 - Land to the south, Moor End Farm, Whitehead Lane, Crosland Hill



ME2545 **Land to the south, Moor End Farm, Whitehead Lane, Crosland Hill**

Proposed Land Use	Minerals preferred areas
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	37.02
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Reject

Technical Consultation summaries

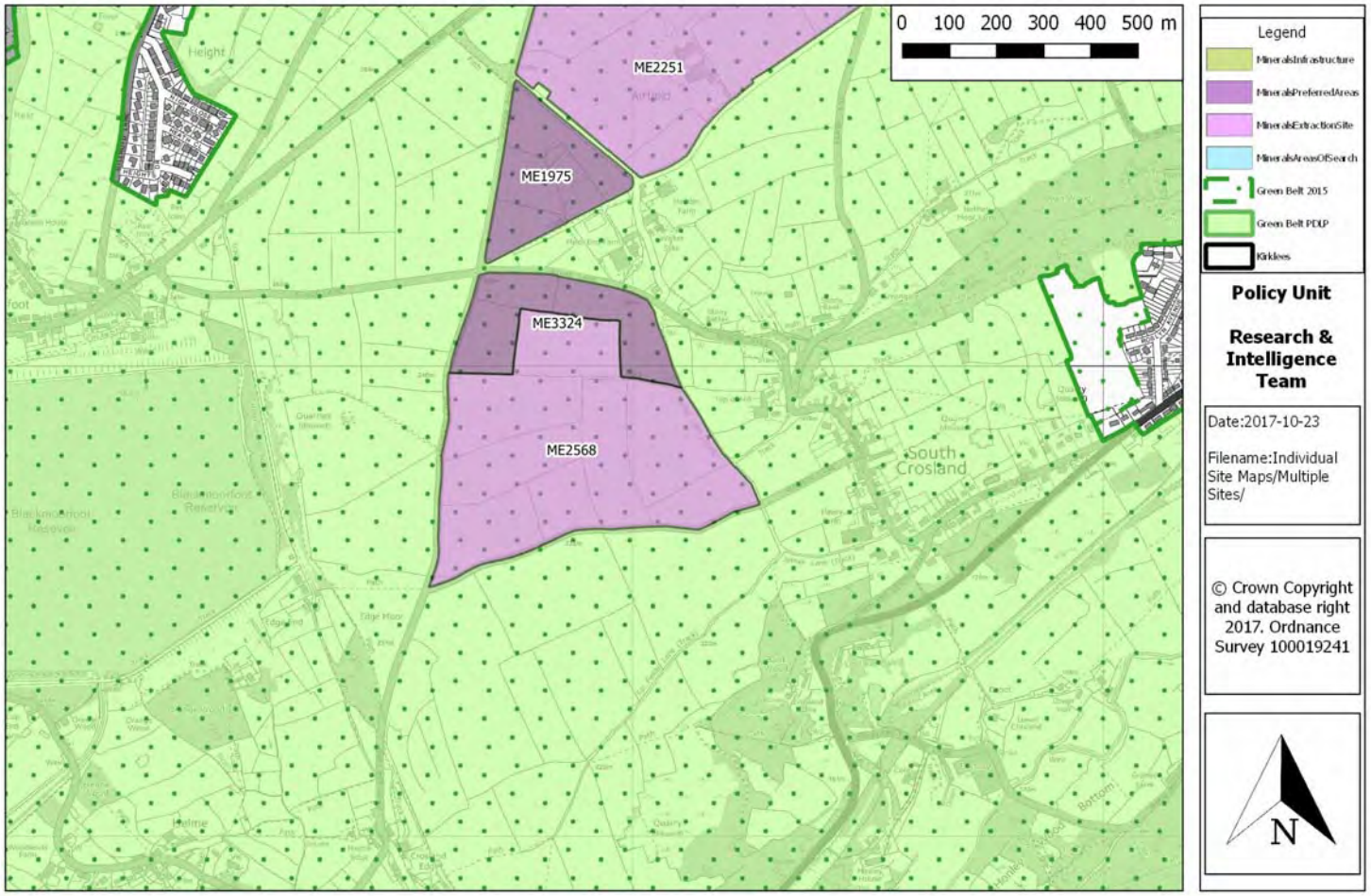
Education	N/A	N/A
Biodiversity		No constraints identified.
Historic Environment		Potential impact upon listed buildings and conservation area. Mitigation will be required.
Flood risk and Drainage		Flood zone 1. No constraints identified.
Highways/Transport		Access is achievable via Nopper Road. Other roads including Harrison Lane from the south, Black Lane from the west, School Hill from the east are considered unsuitable due to sub-standard gradients, width and alignment. Public footway affects part of the
Environmental Protection		Air and noise impact assessments required. Site is on potentially contaminated land, phase 1 and 2 surveys needed.
Other Constraints		No constraints identified.
Open Space	N/A	N/A
Public Health		Low levels of physical activity in this area. Will require adequate opportunities for physical activity to be delivered.
Green Belt Edge	N/A	N/A
Green Belt Site	N/A	N/A
Exceptional Circumstances	-	N/A
Overall Conclusion	-	This option overlaps with accepted options ME1975, ME2568 and ME3324. In view of this option rejected.

ME2545: Land to the south, Moor End Farm, Whitehead Lane, Crosland Hill, Huddersfield,

SA Objectives	SA Score	Justification
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This area is located within 250m of sensitive receptors. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	There is an open space or right of way situated within the site so the extraction of minerals at this site may lead to the loss of these PROWs or the re-directing of these PROWs which may make the PROWs less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?/+?	The site is within 250m of a Locally Designated Biodiversity Site; therefore a significant negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and there are no water bodies within or adjacent the site; however it is worth noting that Blackmoorfoot Reservoir is to the west of the site. Therefore a negligible effect on this SA objective is likely. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 8: recreational facilities and 14: biodiversity and geodiversity as part of a mixed effect overall. These issues will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME2568 - Land to the south of, Intake Road, Crosland Moor

Accepted Mineral Extraction Sites: ME2568



ME2568 **Land to the south of, Intake Road, Crosland Moor**

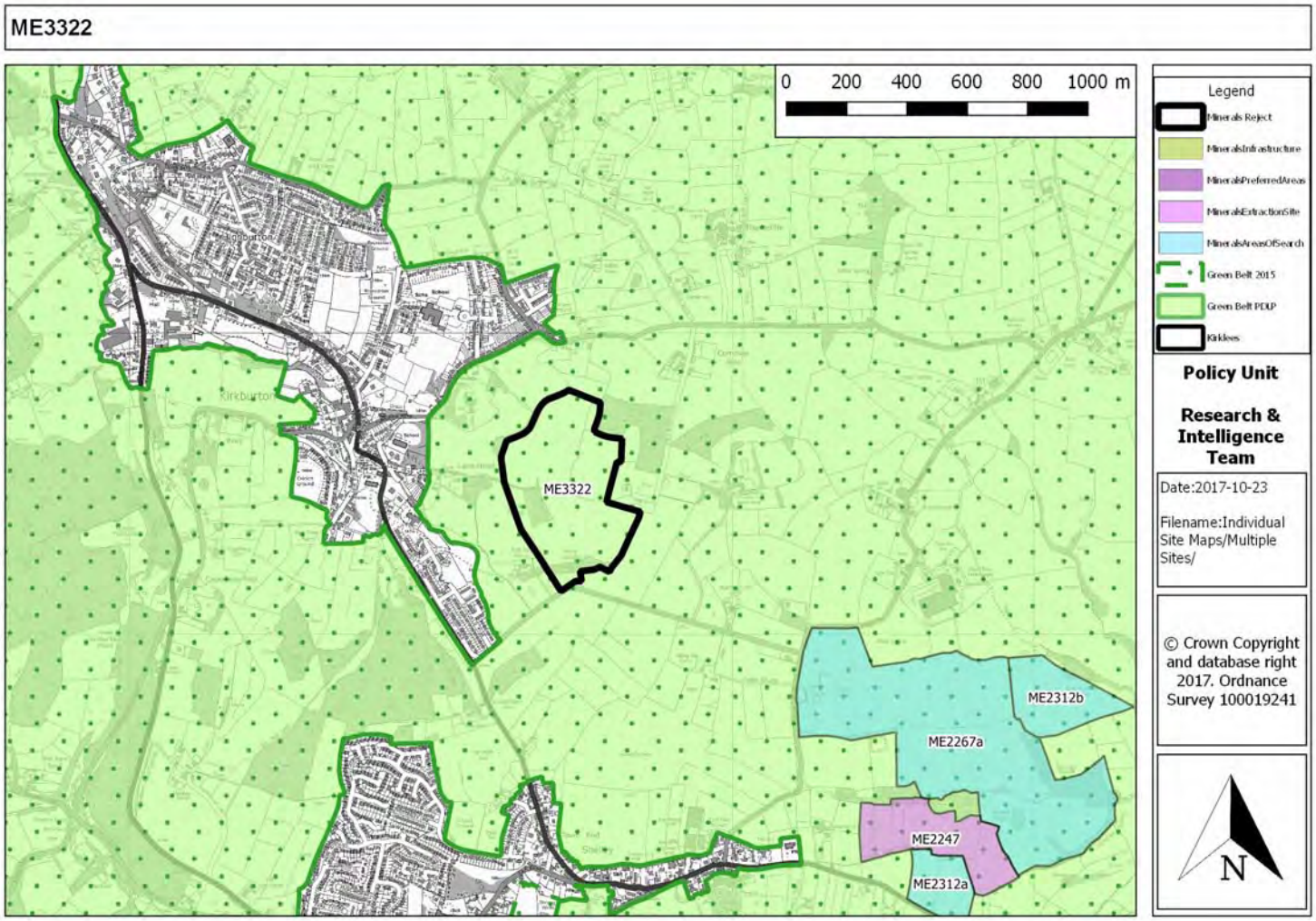
Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	23.51
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No constraints identified
Historic Environment		No significant constraints. However, impact on local heritage assets would need to be assessed prior to subsequent planning application being determined
Flood risk and Drainage		No constraints identified
Highways/Transport		Access can be achieved via Nopper Lane which would provide an acceptable link to Blackmoorfoot Road
Environmental Protection		Potential for issues relating to residential amenity i.e. air quality, noise etc.
Other Constraints		None identified.
Open Space		No significant constraints identified
Public Health		Low levels of physical activity in this area. Will require adequate opportunities for physical activity to be delivered.
Green Belt Edge	N/A	N/A
Green Belt Site		mineral extraction is appropriate development in the Green Belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	No significant constraints. Application would need to assess and put in place appropriate mitigation in relation noise and air quality to safeguard residential amenity. Likewise potential impact and appropriate mitigation would need to be assessed in rela

ME2568: Land to the south of, Intake Road, Crosland Moor, HD4 7BY,		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This site is within 250m of sensitive receptors (dwellings). A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	There is an open space or right of way within 250m of the site and so the extraction of minerals at this site may make it this less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	--?/+?	The site is within 250m of a Locally Designated Biodiversity Site; therefore a significant negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and there are no water bodies within or adjacent the site; however it is worth noting that Blackmoorfoot Reservoir is to the west of the site. Therefore a negligible effect on this SA objective is likely. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 14: biodiversity and geo diversity as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME3322 - Land to the North of Cross Lane, Kirkburton



ME3322 **Land to the North of Cross Lane, Kirkburton**

Proposed Land Use	Minerals Extraction Site
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	18.67
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Reject

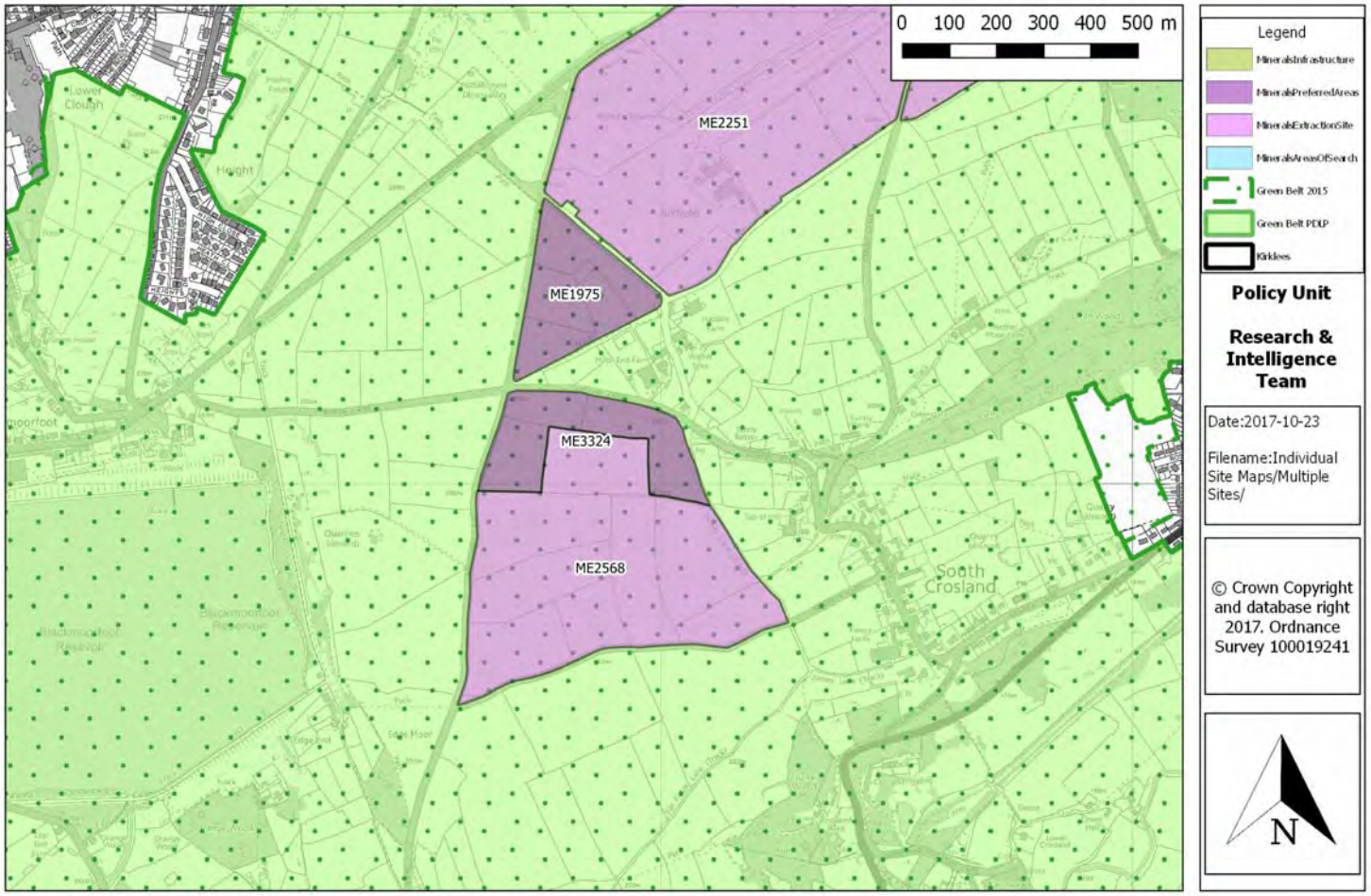
Technical Consultation summaries

Education	N/A	N/A
Biodiversity		mineral extraction acceptable subject to provision to exclude ecologically sensitive areas and adequate standoff distances
Historic Environment		No significant constraints
Flood risk and Drainage		No significant constraints
Highways/Transport		Suitable access to the site cannot be gained and the connecting highway network is unsuitable for HGV use.
Environmental Protection		Potential for issues relating to residential amenity i.e. air quality, noise etc.
Other Constraints		Part or all of the site lies within a high risk coal referral area.
Open Space		No issues identified
Public Health		No significant constraints
Green Belt Edge	N/A	N/A
Green Belt Site		Mineral extraction is appropriate development within the Green Belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	No supporting evidence provided by the site promoter. In view of this the council cannot support its allocation. Furthermore no suitable access can be achieved

ME3322: Land to the North of Cross Lane, Kirkburton		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites. Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This site is within 250m of sensitive receptors (dwellings). A minor negative effect on this SA objective is therefore likely, although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	--/+?	There is an open space or right of way situated within the site so the extraction of minerals at this site may lead to the loss of these PROWs or the re-directing of these PROWs which may make the PROWs less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective.
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used. The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land. The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Locally Designated Biodiversity Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
15. Reduce air, water and soil pollution.	-?/0	This site is not within the Source Protection Zone (SPZ) 1 a minor watercourse runs through the south of the site; therefore a minor negative effect on this SA objective is likely although this is uncertain as effects would be very dependent on the exact nature, working and proposed design of the site. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: Potential significant negative effects were identified for this site in relation to SA objective 8: recreation facilities as part of a mixed effect overall. This issue will need to be considered further in terms of mitigation and/or enhancement, which may be achieved through Local Plan policies.		

ME3324 - Land south of Intake Road, Crosland Moor

Accepted Mineral Preferred Sites: ME3324



ME3324 **Land south of Intake Road, Crosland Moor**

Proposed Land Use	Minerals preferred areas
Is the site Green/Brownfield?	
Is the site in the Greenbelt?	Site is in the Greenbelt
Settlement Position	Detatched from Settlement
Gross area (Ha)	5.73
Net area (Ha)	
Housing Capacity	
Employment Floorspace	
PDLP Outcome	Accept

Technical Consultation summaries

Education	N/A	N/A
Biodiversity		No issues identified
Historic Environment		No significant constraints
Flood risk and Drainage		No significant constraints
Highways/Transport		Access can be achieved via Nopper Lane subject to highway improvements to accommodate HGV traffic
Environmental Protection		Potential for issues relating to residential amenity i.e. air quality, noise etc.
Other Constraints		None identified.
Open Space	N/A	N/A
Public Health		Low levels of physical activity in this area. Will require adequate opportunities for physical activity to be delivered.
Green Belt Edge	N/A	N/A
Green Belt Site		Mineral extraction is appropriate development within the Green Belt
Exceptional Circumstances	-	N/A
Overall Conclusion	-	No significant constraints. Application would need to assess and put in place appropriate mitigation in relation noise and air quality to safeguard residential amenity. Likewise improvements to the highways junction would be needed and secured through the

ME3324: Land south of Intake Road, Crosland Moor		
SA Objectives	**SA Score**	**Justification**
1: Increase the number and range of employment opportunities available for local people, and ensure that they are accessible.	+	Minerals sites would have positive effects on job creation during site preparation, operation and restoration. However, the total number of new employment opportunities likely to be provided within Kirklees is not considered to be significant and would not be influenced by the location of sites. Therefore, a minor positive effect on this SA objective is likely for all sites.
		Employees at mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites.
2. Achieve an economy better capable of growth through increasing investment, innovation and Entrepreneurship.	+	Minerals-related development would have a positive effect on the local economy in relation to growth within the minerals industry. In addition, allocating minerals sites helps to secure the supply of aggregates required to support wider economic growth and development in the district and elsewhere. However, these factors would not be influenced by the specific location of minerals sites and a minor positive effect on this SA objective is therefore likely.
3. Ensure education facilities are available to all.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
4. Improve the health of local people and ensure that they can access the health and social care they need.	-?	The site is within 100m of sensitive receptors and there could therefore be a minor negative effect on health as a result of dust; however this is uncertain depending on factors such as topography, the nature of the landscape, the respective location of the site and the nearest residential property or other sensitive use in relation to the prevailing wind direction and visibility.
5. Protect local amenity including avoiding noise and light pollution.	-?	This area is located within 250m of sensitive receptors. A minor negative effect on this SA objective is therefore likely. Although this is uncertain depending on the type of mineral site, the scale of the operations and the type of activities undertaken within the site and potential mitigation measures proposed.
6. Retain and enhance access to local services and facilities.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
7. Make our communities safer by reducing crime, anti-social behaviour and the fear of crime.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
8. Protect and enhance existing and support the provision of new recreation facilities and areas of open space and encourage their usage.	-/+?	There is an open space or right of way within 250m of the site and so the extraction of minerals at this site may make it this less attractive for users and impact on amenity. As such, a significant negative effect is likely on this SA objective
9. Ensure all people are able to live in a decent home which meets their needs.	0	Allocating minerals sites helps to secure the supply of aggregates required to develop housing and other within the district and elsewhere; however this would not be influenced by the location of minerals sites. Therefore a negligible effect on this SA objective is likely.
10. Secure an effective and safe transport network which encourages people to make use of sustainable and active modes of transport.	0	Employees at minerals sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. Proximity to rail lines/depots/sidings, rivers/canals or wharves could provide opportunities to explore more sustainable modes of transporting aggregates although effects are uncertain depending on whether there are wharves or depots that could be used.
		The site is located more than 1km from a railway or canal, therefore a negligible effect on this SA objective is likely.
11. Secure the efficient and prudent use of land.	-	Where minerals-related development takes place on high quality agricultural land it is a less efficient use of land than development on lower quality agricultural land.
		The site is located on Grade 4 agricultural land; therefore a minor negative effect on this SA objective is likely.
12. Protect and enhance the character of Kirklees and the quality of the landscape and townscape.	-?	The potential for a negative effect on the landscape is identified for all mineral sites due to the potential harm they could cause to the landscape, however the restoration of sites in poor landscape characters areas could in the long term enhance the landscape. The site is not within 500m of the Peak District National Park, therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the restoration of the site.
13. Conserve and enhance the historic environment, heritage assets and their settings.	?	Historic England has rated this site as 'amber' in terms of the potential for effects on the historic environment, meaning that the impact of development of the site on the historic environment is uncertain. The effect on this SA objective is therefore likely to be uncertain as the potential for effects on cultural heritage assets will depend on the exact scale, design and layout of the new development and opportunities may exist to enhance the setting of heritage features.
14. Maximise opportunities to protect and enhance biodiversity and geodiversity.	-?/+?	The site is between 250m and 1km of a Locally Designated Biodiversity Site; therefore a minor negative effect on this SA objective is likely, although this is uncertain depending on the design of the development.
15. Reduce air, water and soil pollution.	0	This site is not within the Source Protection Zone (SPZ) 1 and there are no water bodies within or adjacent the site; therefore a negligible effect on this SA objective is likely. The site is not within an AQMA; therefore it will have a negligible effect in relation to air pollution.
16. Prevent inappropriate new development in flood risk areas and ensure development does not contribute to increased flood risk for existing property and people	0	The site is located outside of flood zone 3b; therefore a negligible effect is likely on this SA objective.
17. Increase prevention, re-use, recovery and recycling of waste close to source.	0	The location of minerals sites would not have a direct effect on this SA objective and all sites would have a negligible effect.
18. Increase efficiency in water, energy and raw material use.	0	The effects of minerals sites on the efficient use of raw materials will depend on the nature of the minerals-related activities, i.e. if they involve processing recycled aggregates. However, this will not be influenced by the location of a site: therefore, a negligible effect on this SA objective is likely.
19. Reduce the contribution that the district makes to climate change.	0	The location of minerals sites will not have a direct effect on the district's contribution to climate change. Future employees of potential mineral sites are unlikely to be able to use sustainable transport to travel to work due to the predominant rural location of most mineral sites. A negligible effect on this SA objective is therefore likely.
Summary of SA findings: No potential significant effects have been identified.		