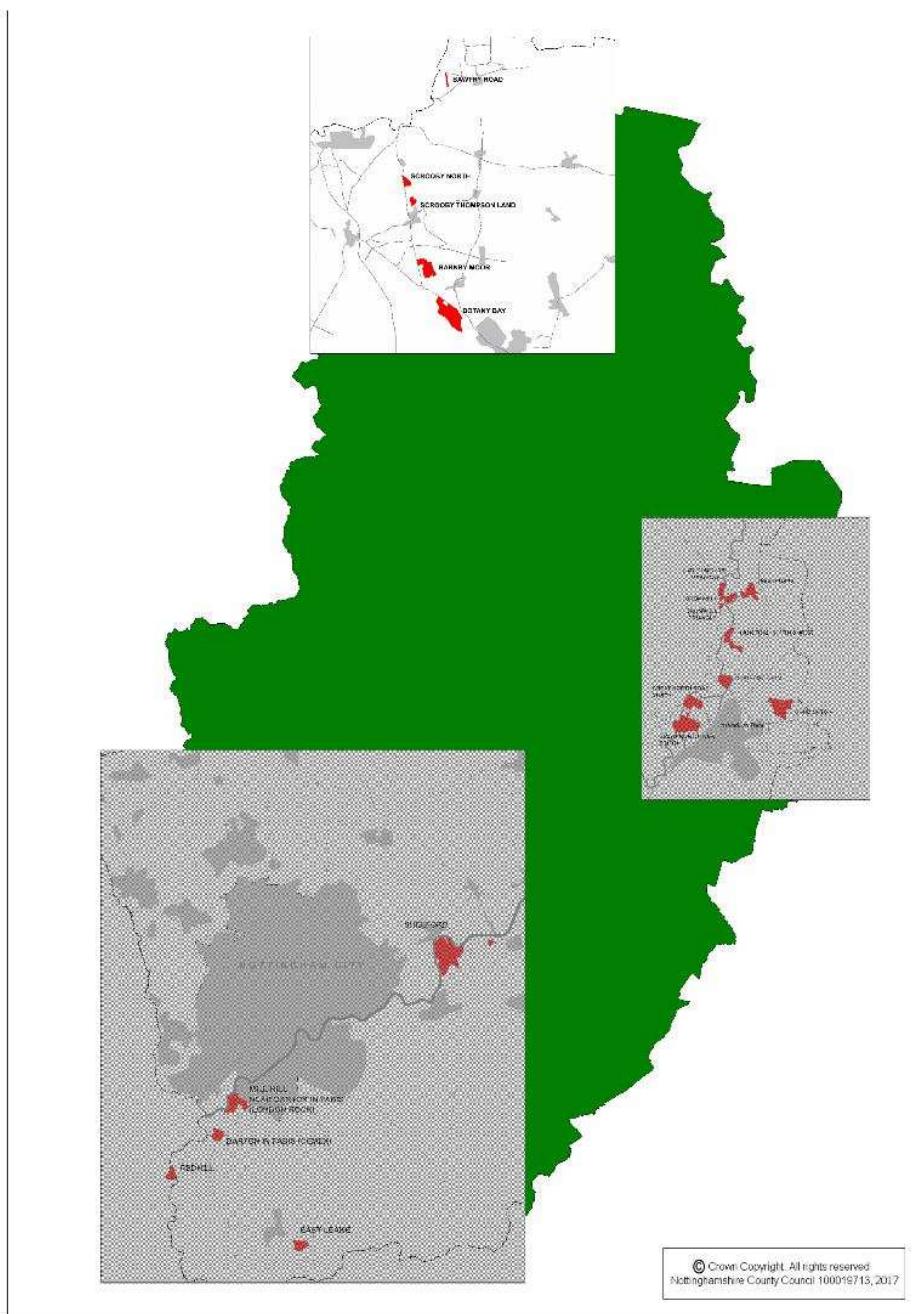




Nottinghamshire Minerals Local Plan

Summary of sand and gravel proposals put forward for consideration in the Idle Valley

Published March 2018



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Nottinghamshire MLP – Summary of sand and gravel proposals submitted for consideration in the Idle Valley.

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Introduction

As part of the Minerals Local Plan evidence gathering process, a call for sites exercise has been completed. This exercise invited the minerals industry and other relevant parties to put forward quarry proposals they wished to be considered for allocation in the emerging Nottinghamshire Minerals Local Plan.

This document sets out a summary of the key information put forward by the industry on a site by site basis, however it is important to note that the information has not been endorsed by, or reflect the views of the County Council.

As part of the development of the Minerals Local Plan, a range of site specific assessments will be undertaken. This assessment work will then inform the identification of site specific allocations included in the plan, and will ensure that the sites are deliverable, realistic and achievable and can contribute to providing a steady and adequate supply of minerals over the plan period.

This document will be updated if further information is provided by the site proposers.

A detailed list of information was required with the proposals and this can be found in Appendix A

Plan key

Key to Maps

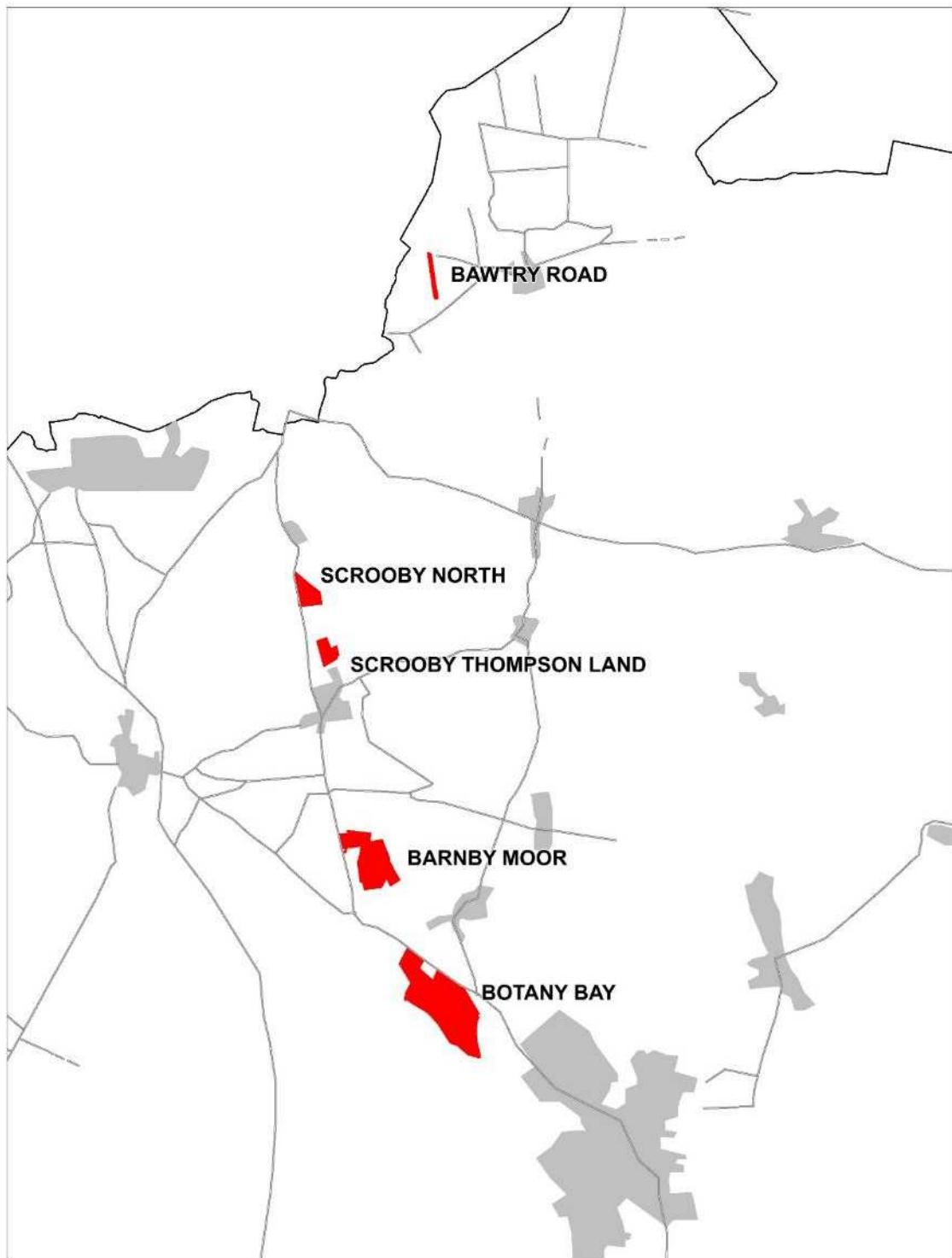
	Proposed Site
	Proposed Processing Plant (relevant to the site)
	Existing / Recently Worked Minerals Workings
	Existing/ permitted processing plant
	County Boundary
	SSSI – Site of Special Scientific Interest
	SINC – Site of Important Nature Conservation (Bio)
	SINC – Site of Importance for Nature Conservation (Geo)
	Footpath
	Bridlepath

Source: British Geological Survey. 2013. Digital Geological Map of Great Britain 1:625 000 scale (DiGMapGB-625) Superficial Deposits data[CD-Rom].

Version 1.10. Keyworth. Nottingham. British Geological Survey.
Release date 30-04-2013.

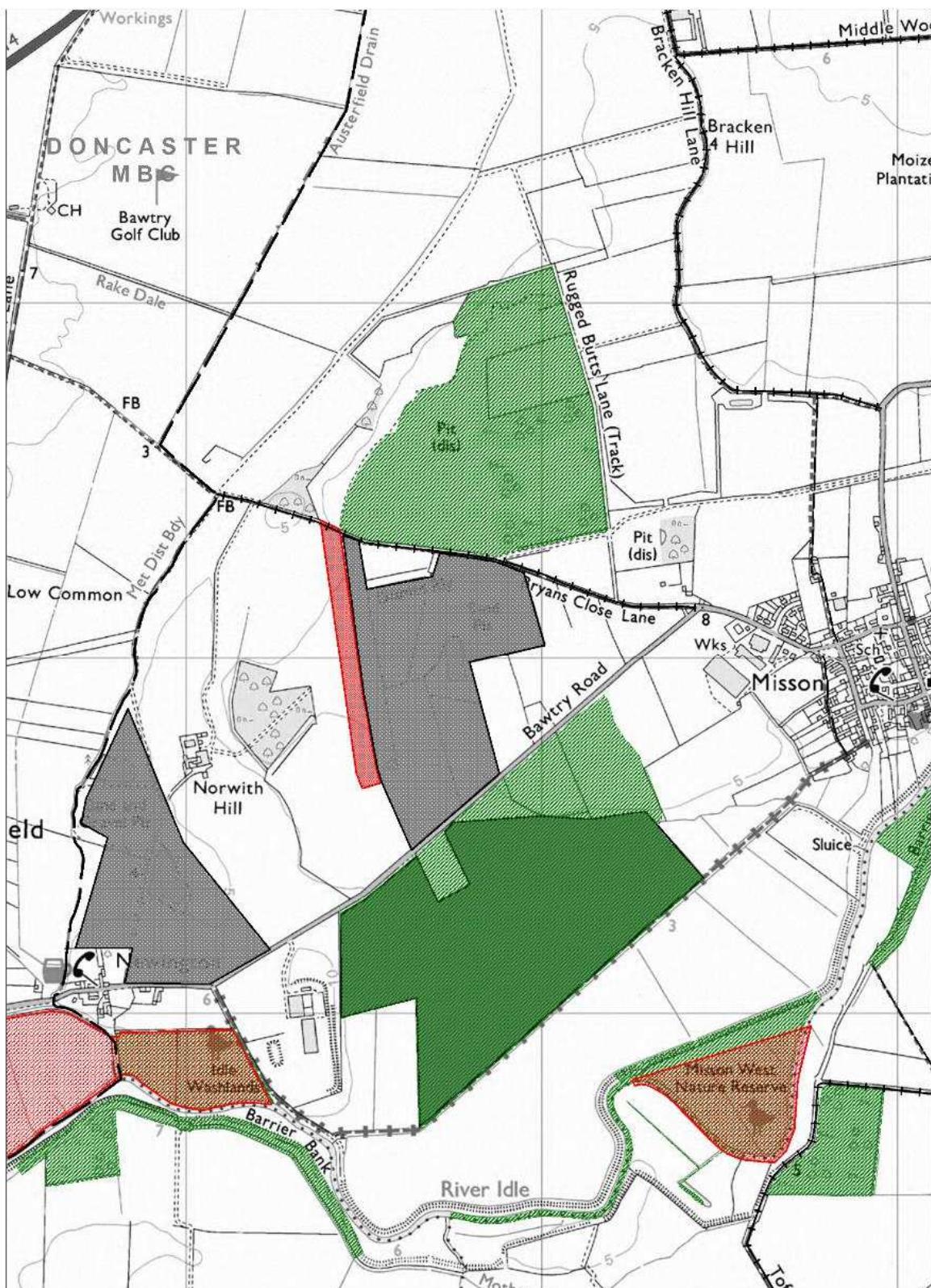
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Location plan



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Nottinghamshire MLP Call for Sites - Sand and Gravel - Bawtry Road



Bawtry Road

Proposer	
	Misson Sand & Gravel Co Ltd.
Location	
Site information (including grid reference)	Located to the west of the village of Misson Grid ref: 467589 395160
Location	Bawtry Road, Misson
District /Borough Council	Bassetlaw
Extent of excavations	3.4 ha
Proposed access	Existing site access on to Bawtry Road
Estimated HGV movements	No change
Reserve data	
Estimated reserves	180,000 tonnes
Estimated output (tonnes per annum)	25,000 – 36,000 tpa
Estimated life of quarry	5-7 years
Estimated start date	Planning application to be submitted April 2018
Role of site	
Greenfield site or extension to existing quarry	Extension
Replacement to existing quarry	No
Planned market area	Maintaining supply to specialist markets
Availability of mineral	
Legal rights to work the mineral?	Legal agreements in place to gain mineral rights.
Landowner consent	
Owner of the land	-
Formal agreement between owner and mineral operator	-
Agricultural land quality	
Grade	3b
Sensitive receptors	
List of receptors within 250m	-
Restoration	
Proposed restoration	Will enable further additions to be made to landscape enhancements already to be seen

Note: unless otherwise stated views expressed and information provided are those made by the mineral operator or site proposer.

Location

The proposed extension sits to the south west of the current quarry. The site itself is located south west of Misson and lies adjacent to Bawtry Road.

Reserve data

The extension could potentially add 180,000 tonnes to the reserves. This may prove to be an over estimate based on previous experience of the continuity of the deposit.

Possible role of site

The extension will add an additional 5-7 years to the existing quarry and will continue to supply specialist markets.

Site access / proposed operations

The extension will continue to supply mineral to the existing permitted processing plant. The existing permitted quarry access will be maintained on to Bawtry Road.

Environmental and cultural designations

The land is graded 3b and any working will not raise any amenity or environmental conflicts.

Residential amenity

No information supplied

Water resources

No information supplied

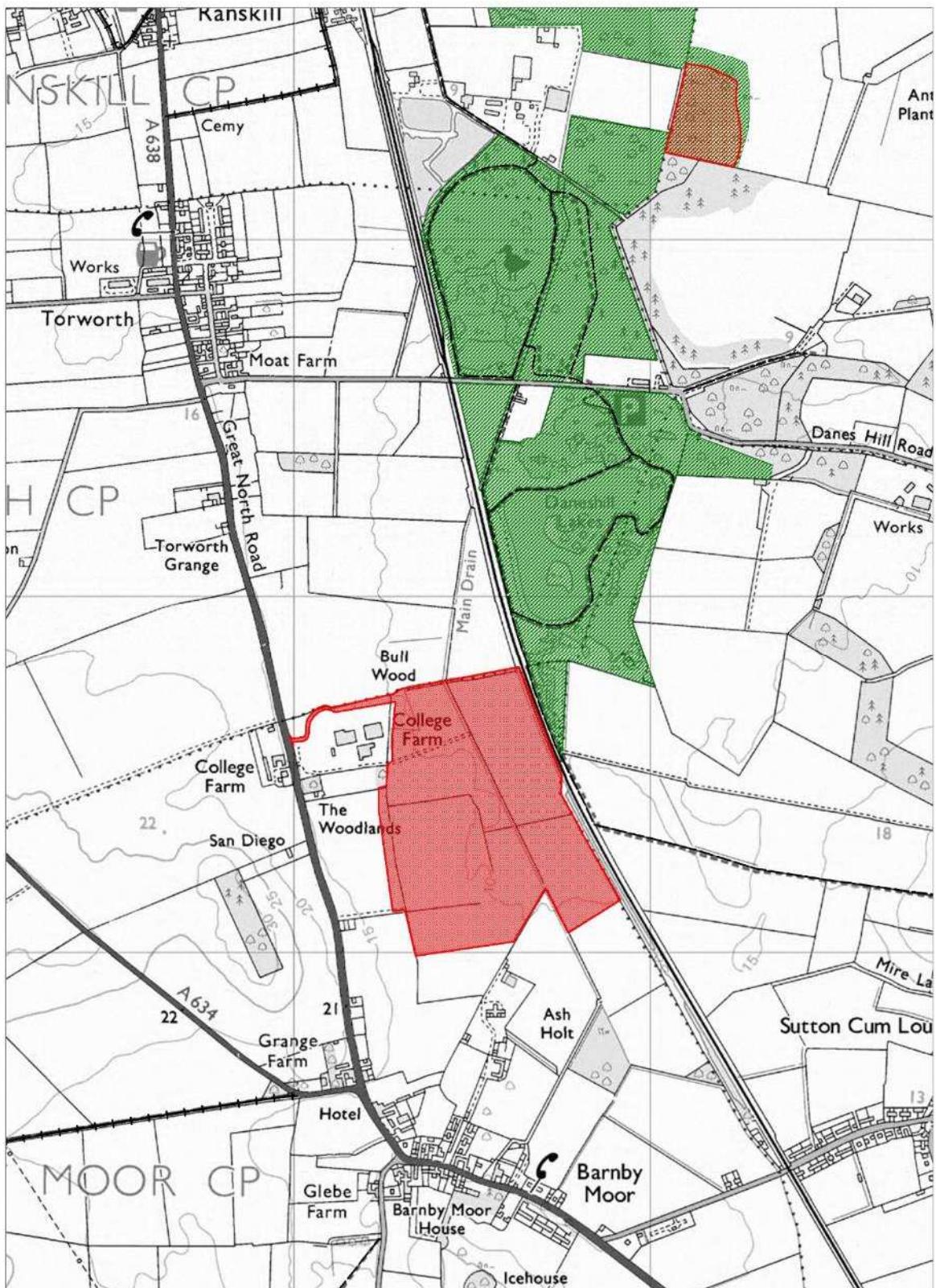
Proposed restoration

No information supplied

Nottinghamshire MLP – Summary of sand and gravel proposals submitted for consideration in the Idle Valley.

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Nottinghamshire MLP Call for Sites - Sand and Gravel - Banby Moor (HANSON)



Barnby Moor – Hanson Aggregates

Proposer	
Mineral operator	Hanson Aggregates
Location	
Site information (including grid reference)	1km north of Barnby Moor village and 2.5km to the south Ranskill. Grid ref: 466445 385271
Location	Barnby Moor, Nottinghamshire
District /Borough Council	Bassetlaw District Council
Extent of excavations	Proposal covers a total area of approximately 54ha
Proposed access	Great North Road (A638)
Estimated HGV movements	100 movements per day
Reserve data	
Estimated reserves (million tonnes)	0.9
Estimated output (tonnes per annum)	250,000 TPA
Estimated life of quarry	5 years
Estimated start date	2018
Role of site	
Greenfield site or extension to existing quarry	Greenfield site
Replacement to existing quarry	Replacement site for Newington Quarry
Planned market area	Nottinghamshire and South Yorkshire
Availability of mineral	
Legal rights to work the mineral?	Under discussion
Landowner consent	
Owner of the land	DA Rees, JK&S Durdy and Grange Farm (Barnby Moor) Ltd.
Formal agreement between owner and mineral operator	Hanson QPE is in the process of negotiating a lease agreement from the landowners.
Agricultural land quality	
Grade	55% grade 3a, 40% subgrade 3b and the remainder is non-agricultural land
Sensitive receptors	
List of receptors within 250m	The Woodlands, Grove and Rufford Hunt, Fieldside / Woodholme, (San Diego, 3-8 Trinity Farm Cottages and 1 and 2 Trinity Farm Cottages)
Restoration	
Proposed restoration	Agricultural land, wet woodland and biodiversity

Note: unless otherwise stated views expressed and information provided are those made by the mineral operator or site proposer.

Location

The proposed quarry is located approximately 1km north of Barnby Moor village; around 2.5km to the south of the village of Ranskill.

Reserve data

Estimate reserves total 0.9 million tonnes. This would be worked over a 5 year period at 250,000 tonnes per annum.

Possible role of site

The quarry will replace Hansons existing quarry at Finningley which is due to be worked out in the near future and will continue to supply markets in Nottinghamshire and South Yorkshire.

Site access / proposed operations

The quarry will be accessed from the Great North Road A638. No mineral processing will take place on site as this will be undertaken at Hansons Auckley facility. Silt from the Auckley plant will be returned to the Barnby Moor Quarry to be used in restoration which will allow over half the void to be backfilled and returned to similar ground levels as at present.

Environmental and cultural designations

There are no designated sites within the proposed area however there is a LWS to the north of the quarry at Daneshill

Residential amenity

There are a number of residential properties within 250m of the boundary of the site including: The Woodlands, Grove and Rufford Hunt, Fieldside / Woodholme, San Diego, 3-8 Trinity Farm Cottages and 1 and 2 Trinity Farm Cottages.

Water resources

Main Drain runs through the proposed area

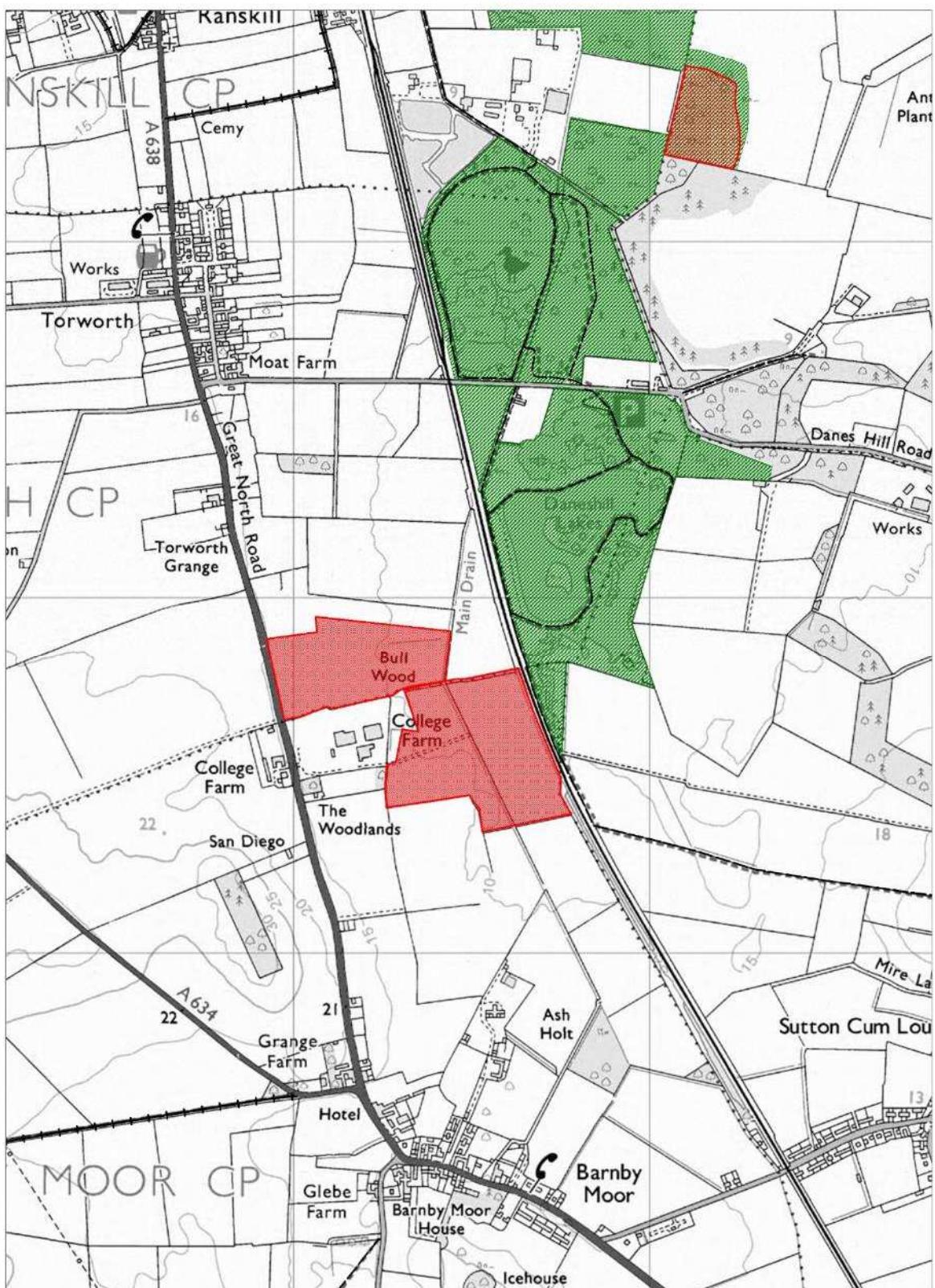
Proposed restoration

Approximately 15.6 ha of agricultural land, with field boundaries (hedgerows either retained or newly created, 1.6 ha of wet woodland and approximately 13.3 ha of other biodiversity habitat.

Nottinghamshire MLP – Summary of sand and gravel proposals submitted for consideration in the Idle Valley.

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Nottinghamshire MLP Call for Sites - Sand and Gravel - Banby Moor (Rotherham S&G)



Barnby Moor – Rotherham Sand and Gravel

Proposer	
Mineral operator	Rotherham Sand and Gravel Co. Ltd.
Location	
Site information (including grid reference)	<p>SK6645685417</p> <p>The prospect site is formed from two conjoined parcels of land has a total area of 25.5 hectares to the north and east of College Farm off the A638 (to the east) between Barnby Moor and Torworth.</p>
Location	<p>The site is, situated 500 metres to the north of the village of Barnby Moor and 650 metres to the south of the village of Torworth in the north of Nottinghamshire. The site is neighboured by areas of agricultural land. To the west the site, the site is located adjacent to the A638.</p>
District /Borough Council	Bassetlaw District Council
Extent of excavations	<p>It is proposed that the whole of both areas of the site will be worked for sand and gravel.</p>
Proposed access	<p>It is proposed to take access from the site to the A638 from an existing access point.</p>
Estimated HGV movements	<p>7 return movement per day or 1,750 return movements per year using heavy goods vehicles with a 20 tonnes payload.</p>
Reserve data	
Estimated reserves (million tonnes)	1 million tonnes
Estimated output (tonnes per annum)	35,000 tonnes per annum
Estimated life of quarry	25 to 30 years
Estimated start date	<p>It is programmed to extend working into the proposed Barnby Moor allocation area by 2029.</p>
Role of site	
Greenfield site or extension to existing quarry	Greenfield site.
Replacement to existing quarry	<p>The site will supplement the extraction of minerals at other Rotherham Sand and (in particular) Gravel operations located at Scrooby.</p>

Planned market area	North Nottinghamshire and South Yorkshire markets
Availability of mineral	
Legal rights to work the mineral?	Rotherham Sand and Gravel Ltd own the minerals deposit and have an existing permitted access or rights to access to the site from the public highway.
Landowner consent	
Owner of the land	Rotherham Sand and Gravel Ltd is the surface and mineral owners in unencumbered freehold and as such have the full legal rights to work the entirety of the mineral deposit
Formal agreement between owner and mineral operator	Rotherham Sand and Gravel Ltd is both minerals operator and owner.
Agricultural land quality	
Grade	Land quality is Grade 3.
Sensitive receptors	
List receptors within 250m	Within 200 metres of a residential property called Woodlands. Other residential and commercial properties are located in the vicinity, all accessed from the A638.
Restoration	
Proposed restoration	Not designed, but stated as having potential for water based commercial and nature conservation afteruse.

Note: unless otherwise stated views expressed and information provided are those made by the mineral operator or site proposer.

Location

The Barnby Moor prospect is located at NGR SK6645685417 and at its closest point is situated some 500 metres to the north of the village of Barnby Moor and some 650 metres to the south of the village of Torworth in the north of Nottinghamshire. The site is neighboured by areas of agricultural land. To the west the site, the site is located adjacent to the A638.

The prospect site is formed from two conjoined parcels of land has a total area of 25.5 hectares. It is proposed that the whole of the area shown by the red line on Figure 3 will be worked for sand and gravel.

Reserve data

The site has a recoverable reserve of 1 million tonnes of sand and gravel.

Nottinghamshire MLP – Summary of sand and gravel proposals submitted for consideration in the Idle Valley.

The geology of the site is interpreted from the British Geological Survey (BGS) 1:50,000 scale map, sheet 101- East Retford; and an assessment of trial pit data within the proposal area.

Possible role of site

The site will be worked in tandem with the Scrooby North extension, but will act as a replacement for Scrooby Thompson Land working area. On this basis, subject to planning, it is programmed to extend working into the proposed Barnby Moor allocation area by 2029.

The site will supplement the extraction of minerals at other Rotherham Sand and Gravel operations located at Scrooby. The Barnby Moor site will help Rotherham Sand and Gravel meet its future needs, particularly for gravel.

Site access / proposed operations

It is proposed to take access from the site to the A638 from an existing access point located at SK6599885602 or further to the north, land fronting the A638. Thereafter mineral will be transported by road to Scrooby Top Quarry which is located 3.4km to the north, also accessed from the A638. The Scrooby Top Quarry access permitted in 1999 (reference 1/42/98/16) has been installed to a specification appropriate for the access and egress of heavy goods vehicles carrying minerals.

It is estimated that the development would be worked at a rate of circa 35,000 tonnes per year. This equates to 7 return movement per day or 1,750 return movements per year using heavy goods vehicles with a 20 tonnes payload.

Environmental and cultural designations

No information supplied

Residential amenity

The Barnby Moor site is within 200 metres of a residential property called Woodlands, though the proposed allocation site is bordered by an established hedge line. Other residential and commercial properties are located in the vicinity, all accessed from the A638.

Water resources

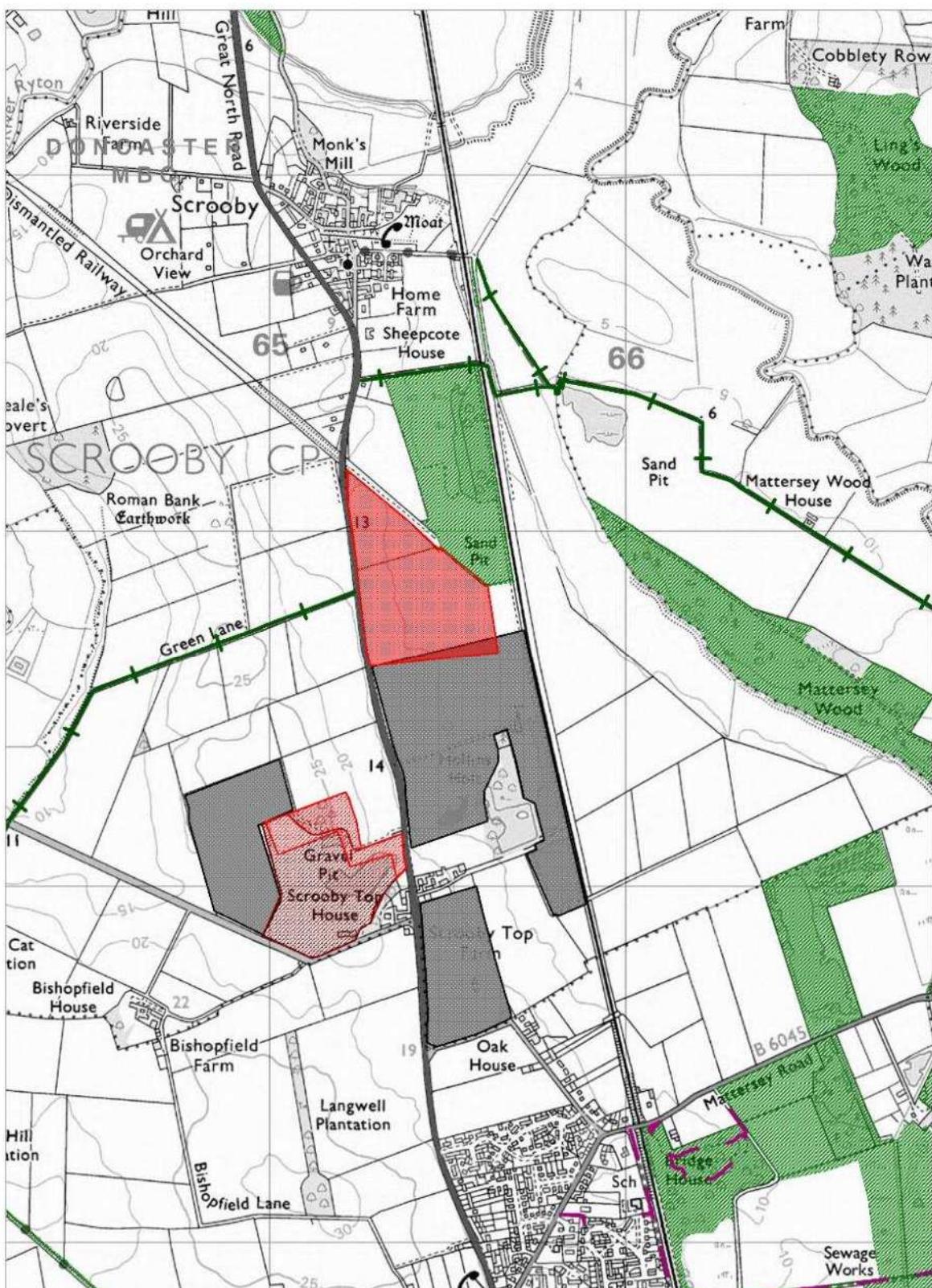
No information supplied

Proposed restoration

The reclamation of the site in the future offers the opportunity for environmental benefit to be designed into the scheme. At this stage a scheme have not been designed however this could provide a water based commercial and nature conservation afteruse.

The reclamation of the site does not depend on the importation of fill.

Nottinghamshire MLP Call for Sites - Sand and Gravel - Scrooby North



Scrooby North

Proposer	
Mineral operator	Rotherham Sand and Gravel Co. Ltd.
Location	
Site information (including grid reference)	<p>SK6536289945</p> <p>Site is off the Great North Road (A638) to the east, between existing extraction areas to the south and the village of Scrooby to the north. To the immediate east of the site is a rail line between Doncaster and Retford.</p>
Location	<p>It is situated some 600 metres to the south of the village of Scrooby. To the south, the site is neighboured by an area of agricultural land and existing minerals extraction. To the west the site, the site is located adjacent to the A638.</p>
District /Borough Council	Bassetlaw District Council
Extent of excavations	The prospect site has an area of approximately 11.96 hectares.
Proposed access	The site will be served by an existing access to the A638
Estimated HGV movements	Approximately 12 return movements per day or 3,000 return movements per year.
Reserve data	
Estimated reserves (million tonnes)	0.62 million tonnes
Estimated output (tonnes per annum)	15,000 to 30,000 tonnes per annum
Estimated life of quarry	Approximately 20 years+
Estimated start date	2023.
Role of site	
Greenfield site or extension to existing quarry	Extension to an existing working quarry
Replacement to existing quarry	
Planned market area	North Nottinghamshire and South Yorkshire.
Availability of mineral	
Legal rights to work the mineral?	Rotherham Sand and Gravel Ltd owns the minerals deposit.
Landowner consent	
Owner of the land	Rotherham Sand and Gravel Ltd and Serlby Farms are the surface and mineral owners in unencumbered freehold and as such have the full legal rights to work the entire mineral at the site.

Formal agreement between owner and mineral operator	See above.
Agricultural land quality	
Grade	Land quality ranges from Grade 3a to sub Grade 3b
Sensitive receptors	
List receptors within 250m	The Scrooby North extension site is not located within 250 metres of any sensitive receptors
Restoration	
Proposed restoration	At this stage a scheme have not been designed however this could take forwards the form of restoration within the adjacent areas of former minerals working

Note: unless otherwise stated views expressed and information provided are those made by the mineral operator or site proposer.

Location

The Scrooby North extension prospect is located at NGR SK6536289945 and at its closest point is situated some 600 metres to the south of the village of Scrooby. To the south, the site is neighboured by an area of agricultural land and existing minerals extraction. To the west the site, the site is located adjacent to the A638.

The prospect site has an area of approximately 11.96 hectares. It will be coincident with the lateral extent of excavation from the existing permitted working area (1/15/01678/CDM). It is proposed that the whole of the areas will be worked for mineral.

Reserve data

The site has a recoverable reserve of 620,000 tonnes. The geology of the site is interpreted from the British Geological Survey (BGS) 1:50,000 scale map, sheet 101-East Retford; and an assessment of trial pit data within the proposal area;

The geology of the area comprises drift deposits of glacial sand and gravel overlying Triassic sandstone of the Sherwood Sandstone group.

Possible role of site

Given that the site will always need to be worked in tandem with a resource which supplements the gravel component required, (Scrooby Thompson Land then Barnby Moor), the estimated output from the Scrooby North extension site will be 15,000 to 30,000 tonnes of sand and gravel per annum.

The site will be worked in tandem with the Scrooby Thompson Land allocation as a continuation of the existing Scrooby South Quarry working which is projected to become exhausted by 31st December 2023. On this basis, subject to planning, it is programmed to extend working into the proposed Scrooby North allocation by 2023.

Site access / proposed operations

The Scrooby North extension will be worked as a continuation of the existing Scrooby South operation (to the east of the A638). The access point which serves the existing Scrooby South Quarry will be retained and used for the export of mineral won from not only Scrooby North, but also the Scrooby Thompson Land site. It is anticipated that during the period when the two sites are worked in tandem some 50,000 to 60,000 tonnes of material will be exported by road annually. This equates to approximately 12 return movements per day or 3,000 return movements per year.

The Scrooby Top processing site is served by an existing processing plant. This plant has the capability to process approximately 350,000 tonnes of mineral per annum. All minerals extracted from the Scrooby North extension will be transported to Scrooby Top Quarry for processing and onward sale.

Environmental and cultural designations

No information supplied

Residential amenity

The Scrooby North extension site is not located within 250 metres of any sensitive receptors.

Water resources

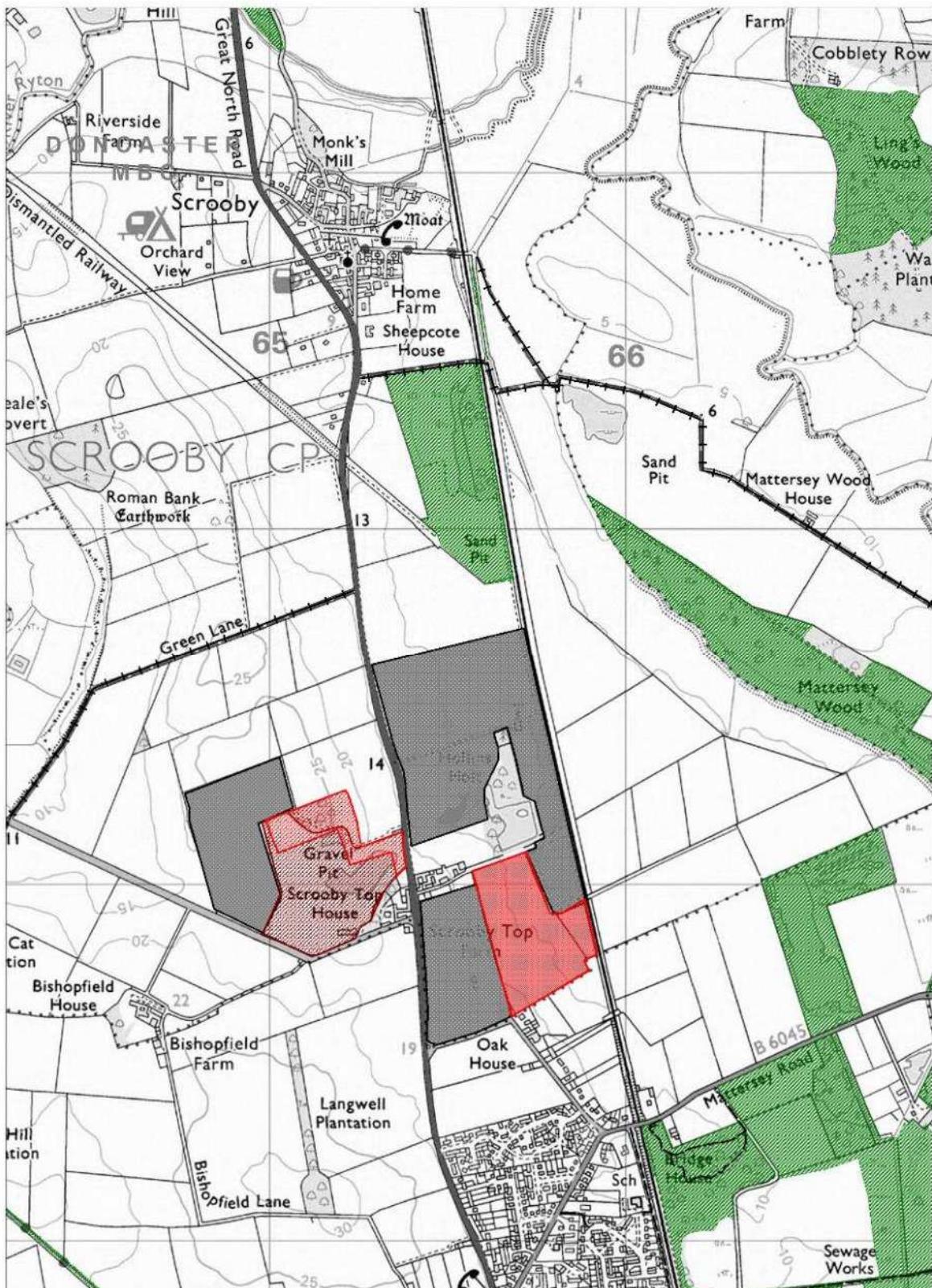
No information supplied

Proposed restoration

The reclamation of the site in the future offers the opportunity for environmental benefit to be designed into the scheme. At this stage a scheme have not been designed however this could take forwards the form of restoration within the adjacent areas of former minerals working. The former Scrooby North has been restored to a water body with a nature conservation afteruse.

The reclamation of the site does not depend on the importation of fill.

Nottinghamshire MLP Call for Sites - Sand and Gravel - Scrooby Thompson Land



Scrooby Thompson Land

Proposer	
Mineral operator	Rotherham Sand and Gravel
Location	
Site information (including grid reference)	<p>SK6570688855</p> <p>The site is, at, its closest point, situated some 300 metres to the north of the village of Ranskill. To the east, the site is neighboured by an area of former minerals extraction (which has been restored to fishing lakes) and the East Coast mainline railway. To the west the site is located adjacent to the A638. The village of Scrooby is located 1.68km to the north.</p> <p>The boundary of the proposed Scrooby Thompson Land allocation prospect is shown on Figure 4. The prospect site has an area of 8.80 hectares.</p>
Location	<p>The Scrooby Thompson Land allocation prospect sits adjacent to an area to the east which has previously been worked for sand and gravel and restored to fishing lakes. Other land immediately to the west, adjacent to the A638, the Great North Road has also been previously worked for mineral.</p>
District /Borough Council	Bassetlaw District Council
Extent of excavations	<p>The Scrooby Top processing site is served by an existing processing plant. This plant has the capability to process approximately 350,000 tonnes of mineral per annum. All minerals extracted from the Scrooby Thompson Land allocation will be transported to Scrooby Top Quarry for processing and onward sale.</p>
Proposed access	<p>The site has a recoverable reserve of 400,000 tonnes.</p> <p>It is estimated that the output from the site will be approximately 40,000 to 50,000 tonnes per annum.</p> <p>Mineral will be transported by vehicle via private roadways to the existing access to the A638 which presently</p>

	serves the operating Scrooby South Quarry.
Estimated HGV movements	
Reserve data	
Estimated reserves (million tonnes)	0.4 million tonnes
Estimated output (tonnes per annum)	40,000 to 50,000 tonnes per annum.
Estimated life of quarry	8 to 10 years
Estimated start date	2019
Role of site	
Greenfield site or extension to existing quarry	The site would be an extension to a former working area (which saw fishing lakes created to the immediate east and restoration to agriculture to the west)
Replacement to existing quarry	
Planned market area	North Nottinghamshire and South Yorkshire market,
Availability of mineral	
Legal rights to work the mineral?	Rotherham Sand and Gravel Ltd has entered into an agreement with the minerals owner, Mr J Thompson who has rights of access over neighbouring land to transport mineral to the Rotherham Sand and Gravel access point at Scrooby South.
Landowner consent	
Owner of the land	The Scrooby Thompson Land prospect site is owned by Mr James Thompson of Folly Nook Farm Ranskill.
Formal agreement between owner and mineral operator	Rotherham Sand and Gravel would operate the Scrooby Thompson Land extension site with the agreement of the landowner.
Agricultural land quality	
Grade	Land quality is Grade 3 within the Scrooby Thompson Land prospect.
Sensitive receptors	
List receptors within 250m	The Scrooby Thompson Land allocation prospect is located within 30 metres of a residential property situated to its north west. The carriage of mineral to Scrooby South, as described, will provide connectivity to the Scrooby South access to the A638.
Restoration	

Proposed restoration	The proposed allocation of the Scrooby Thompson Land area will provide opportunity to create a further area of lakes for a combination of angling and nature conservation purposes. The reclamation of the site does not depend on the importation of fill.
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Note: unless otherwise stated views expressed and information provided are those made by the mineral operator or site proposer.

Location

The Scrooby Thompson Land prospect is located at NGR SK6570688855 and at its closest point is situated some 300 metres to the north of the village of Ranskill. To the east, the site is neighboured by an area of former minerals extraction which has been restored to fishing lakes and the East Coast mainline railway. To the west the site, the site is located adjacent to the A638. The village of Scrooby is located 1.68km to the north. The prospect site has an area of 8.80 hectares.

Reserve data

The site has a recoverable reserve of 400,000 tonnes. The geology of the site is interpreted from:-

- The British Geological Survey (BGS) 1:50,000 scale map, sheet 101- East Retford; and,

The geology of the area comprises drift deposits of glacial sand and gravel overlying Triassic sandstone of the Sherwood Sandstone group.

Rotherham Sand and Gravel Ltd has historically worked adjoining land to the east of the Scrooby Thompson Land allocation prospect which was found to yield a high gravel content. It is anticipated that the eastern part of the prospective allocation will similarly provide a high gravel yield within the in situ resource.

On the basis that the site will be worked in tandem, initially with the existing Scrooby Southquarry, then with the Scrooby North extension, it is estimated that the output from the site will be approximately 40,000 to 50,000 tonnes per annum. The estimated lifespan of the working area is approximately 8 to 10 years. It is anticipated the operational period will be 2019 to 2029.

Possible role of site

The allocation of Scrooby Thompson Land will be an extension to a former working area which saw fishing lakes created to the immediate east and restoration to agriculture to the west.

Rotherham Sand and Gravel Co. Limited is established suppliers of graded sand and gravel to the north Nottinghamshire and South Yorkshire market, from its deposit and working sites located between Scrooby and Ranskill. The mineral won from the site

will be blended with mineral extracted from Rotherham Sand and Gravel Ltd's existing and future mineral working areas. The mineral will serve the market area presently served by Rotherham Sand and Gravel Ltd. The company's sales have strengthened since the recent closure of other sources of supply in the local area.

Site access / proposed operations

Mineral will be transported by vehicle via private roadways to the existing access to the A638 which presently serves the operating Scrooby South Quarry. All mineral extracted will be transported the short distance by road to Scrooby Top Quarry, where the mineral will be processed and ultimately sold as a graded product. The Scrooby Top Quarry access was permitted in 1999 (reference 1/42/98/16) has been installed to a specification appropriate for the access and egress of heavy goods vehicles carrying minerals

Environmental and cultural designations

No information supplied

Residential amenity

The Scrooby Thompson Land allocation prospect is located within 30 metres of a residential property situated to its north west. The carriage of mineral to Scrooby South, as described, will provide connectivity to the Scrooby South access to the A638.

Water resources

No information supplied

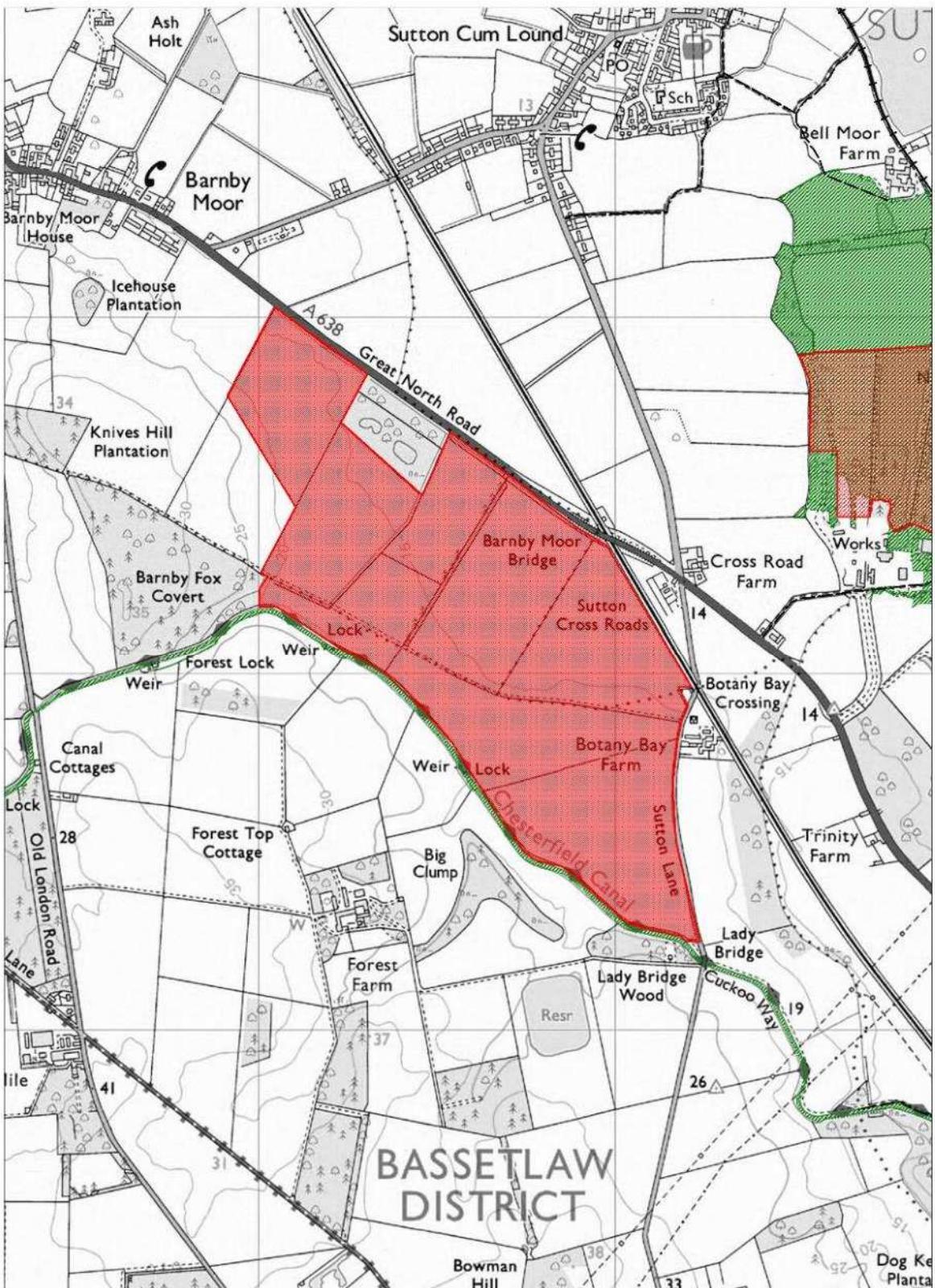
Proposed restoration

The reclamation of the Thompson Land site in the future offers the opportunity for beneficial after-uses to be implemented. At this stage a scheme have not been designed, however this could take the form of restoration within the adjacent areas of former minerals working. The proposed allocation of the Scrooby Thompson Land area will provide opportunity to create a further area of lakes for a combination of angling and nature conservation purposes. The reclamation of the site does not depend on the importation of fill.

Nottinghamshire MLP – Summary of sand and gravel proposals submitted for consideration in the Idle Valley.

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Nottinghamshire MLP Call for Sites - Sand and Gravel - Botany Bay



Botany Bay

Proposer	
Mineral operator	Tarmac
Location	
Site information (including grid reference)	Land to the south of the A638 near Barnby Moor and Botany Bay, a series of fields predominantly in arable use. Overall site area of 100 Ha.
Location	The site is located to the south of the A638 (Great North Road), southeast of the village of Barnby Moor.
District /Borough Council	Bassetlaw District Council
Extent of excavations	Excavation area of approximately 83 ha
Proposed access	Proposed access off the A638 (Great North Road).
Estimated HGV movements	Mineral - circa 60 loads per day. Infill - circa 30 loads per day (commencing 2 years after mineral extraction).
Reserve data	
Estimated reserves (million tonnes)	2.44 million tonnes.
Estimated output (tonnes per annum)	Approximately 200,000 tonnes per annum.
Estimated life of quarry	Approximately 12 years.
Estimated start date	Circa 2020/2021
Role of site	
Greenfield site or extension to existing quarry	Greenfield site.
Replacement to existing quarry	The site is being promoted as a replacement for the recent production lost in the Idle Valley through the closure of Lound Quarry /Bellmoor Quarry and the closure of long term production at Finningley Quarry, which is expected to permanently close in 2019/2020.
Planned market area	North Nottinghamshire, Doncaster and South Yorkshire.
Availability of mineral	
Legal rights to work the mineral?	Tarmac have a formal option agreement to take a full lease of the surface and minerals over the whole site on the grant of planning permission.
Landowner consent	
Owner of the land	Not owned by Tarmac.
Formal agreement between owner and mineral operator	Yes. Option agreement granted to Tarmac.

Agricultural land quality	
Grade	Approximately 64% of the site is subgrade 3b, with smaller areas at subgrade 3a (approximately 29%) and Grade 2 (approximately 7%). Non-agricultural land equates to approximately 6.4ha
Sensitive receptors	
List receptors within 250m	Within 100m of the site: <ul style="list-style-type: none"> • Properties on the eastern edge of Barnby Moor (off the A638 and Station Road); • Properties dispersed along the eastern edge of the site (off Sutton Lane); • Forest Farm situated on the southern edge of the site.
Restoration	
Proposed restoration	Water-based nature conservation and agricultural land use. Some infill required for restoration to agriculture.

Note: unless otherwise stated views expressed and information provided are those made by the mineral operator or site proposer.

Location

The site is located to the south of the A638 (Great North Road), southeast of the village of Barnby Moor and currently comprises a series of fields predominantly in arable use. The site has an overall site area of 100ha, with an excavation area of approximately 83 ha.

Reserve data

Estimated workable reserves of 2.44million tonnes of concreting sand and gravel.

Possible role of site

The site is being promoted as a replacement for the recent production lost in the Idle Valley through the closure of Lound Quarry /Bellmoor Quarry and the closure of long term production at Finningley Quarry, which is expected to permanently close in 2019/2020. The planned market for the site is North Nottinghamshire, Doncaster and South Yorkshire, predominantly for use in ready mixed concrete and concrete products.

Site access / proposed operations

Proposed access off the A638 (Great North Road). Five main working phases proposed, including the proposed plant site which will be the first phase of working. Estimated number of vehicle movements per day are 60 loads per day for minerals and circa 30 loads per day (commencing 2 years after mineral extraction) for infill.

Environmental and cultural designations

No information supplied

Residential amenity

There are a number of residential premises within 100m of the site, which have been taken into account in the site design (i.e. through the inclusion of 100 m standoffs between the proposed extraction areas and those properties closest to the site and locating the processing plant centrally within the site in an area of low sensitivity).

The properties within close proximity of the site are summarised as follows:

Properties on the eastern edge of Barnby Moor (off the A638 and Station Road);

Properties dispersed along the eastern edge of the site (off Sutton Lane); and Forest Farm situated on the southern edge of the site.

Water resources

No information supplied

Proposed restoration

It is envisaged that the proposed extraction area will be restored to a combination of water-based nature conservation and agricultural land use to complement existing land uses and landscape character within the vicinity (including the presence of the Chesterfield Canal and Nature Reserves within the local area). Infill would be required to supplement use of on-site overburden to infill areas to be restored to agriculture. Restoration scheme is based on importation of circa 588,000m³ of imported inert fill, expected to imported at circa 120,000 tonnes per annum. The material imported would be inert construction and demolition waste, with progressive restoration over the course of operations (12 years proposed for life of operations). Imported infill expected to take circa 8 years during working and restoration programme.

Appendix A - Information required through the call for sites exercise

1. Location

- 1.1. Proposed boundary of the site
- 1.2. The extent of excavations
- 1.3. Proposed access to the site, including a map of key routes from the site to the nearest major roads
- 1.4. Possible location(s) of processing plant
- 1.5. Phasing
- 1.6. An OS map of the site
- 1.7. Estimated number of HGV movements per day/month/year

2. Reserve Data (with supporting evidence)

- 2.1. Quality and quantity of recoverable reserves
- 2.2. Estimated output per annum
- 2.3. Estimated lifespan of the mineral working (years)
- 2.4. When will the site be ready to be worked?

3. Role of site/markets

- 3.1. Is the site a new Greenfield site or an extension?
- 3.2. If a Greenfield site, is it replacing an existing mineral working within or outside the county
- 3.3. What is your planned market area?
- 3.4. Is the location of the site optimum in terms of serving the market?

4. Availability of Mineral

- 4.1. Do you have the legal rights to work all of the mineral including access to a public highway or any other transport route?

5. Landowner Consent

- 5.1. Who is the legal owner of the site?
- 5.2. Is the legal owner of the site also a minerals operator?
- 5.3. Has the legal owner made a formal agreement with any mineral operator for minerals exploration and/or minerals extraction

6. Agricultural land quality

- 6.1. Agricultural land classifications found within the site

7. Sensitive Receptors

- 7.1. Is the site located within 250m of any sensitive receptors? (schools, residential dwellings, workplaces, healthcare facilities)

8. Reclamation

- 8.1. Proposed reclamation schemes – what opportunities for environmental benefits do you see arising from the scheme?
- 8.2. Does the reclamation of the site depend on importing fill? If so, please indicate type of waste, main sources and timescales

NOTE: All information submitted as part of this call for sites will be available for public viewing