



Bradfield Works – Package 1

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I. WORKS QUANTITIES

The works on the Bradfield site consist of 1 package of work. Tenders will only be accepted that offer to deliver the whole works detailed in this works package.

Table I below identifies the quantity of work to be delivered for package I. Detailed requirements of the works package can be found in section 3. Works site and lift site information can be found in sections 4 and 5. Works maps can be found in section 6. Additional information and photos can be found in section 7.

Table I Works Quantities Package I

Treatment & Unit	Unit	Delivery Year	Package 1 (Quantity)
Heather Brash - Supply	Bag	2023-24	1276
Heather Brash - Spreading on bare peat	Bag	2023-24	1040
Heather Brash - Spreading on reprofiled gully sides	Bag	2023-24	236
Reprofiling of gully sides	Metre	2023-24	1715
Application of Initial Lime, Seed & Fertiliser	Bag	2023-24	1276
Application of maintenance Lime, Seed & Fertiliser	Bag	2024-25	1276
Grip/Gully Blocking: Stone	Dam unit (750kg)	2023-24	1361

2. WORKS DATES & PROGRAMME

2.1. Start Date:

15th August 2023

2.2. End Date

30th September 2024

2.3. Restricted Dates

There may be some dates where access to the works site is not possible due to shooting activities.

2.4. Works Phasing

Table I below provides suggested outline phasing/timing of the different works elements. These are based on completing the works within the dates stipulated in section 2.1, 2.2 and 2.3. The Contractor is required to provide their proposed detailed programme for the works as part of the tender.

Table 2 Suggested Outline Works Phasing

Year	Period	Works element
2023-2024	15 th August 2023 to 31 st March 2024	Supply of Heather Brash
		Supply of Gully Blocking Stone
		Reprofiling of gully systems
		Airlifting of Heather Brash & Gully Blocking Stone
		Spreading of Heather Brash & installation of Stone Dams
	March 2024	Application of Initial Lime, Seed and Fertiliser
2024-2025	15 th August 2024 to 30 th September 2024	Application of Maintenance Lime, Seed and Fertiliser

3. WORKS REQUIREMENTS – PACKAGE I

Information on the works required to be delivered by the contractor is provided below. Standard works specifications can be found in **Appendix 8**. Any site specific or works package specific requirements are stated below.

3.1. Materials Supply - Heather Brash

The contractor will be required to cut & supply a total of **1276 bags** of Heather Brash. The contractor will be required to cut the bags of Heather Brash from within the available specified cutting areas on Bradfield Moor. The cutting areas on Bradfield Moor are identified in the works maps in section 6. At the time of writing the use of these cutting areas is subject to agreement with external stakeholders. The successful Tenderer will be required to attend site meetings with the Authority and stakeholders on Bradfield Moor, to review and agree the most appropriate locations within the proposed cutting areas for cutting the heather brash.

3.2. Materials supply – Gully Blocking

The contractor will be required to supply a total of **1361 stone dam units (1020 tonnes of gully blocking stone)** for the works. The contractor must deliver the gully blocking stone to Holling Dale Lift Site. The location of Holling Dale Lift Site is identified in the works maps in Section 6. There is a small low lying bridge along the access route to the Lift Site along with 2 gates. The weight limit of the bridge is unknown but a photo is provided in Section 7 additional information. There is a materials storage location available at the bottom of Foulstone Road Bridleway, which could be used to temporarily store gully blocking stone. Access for vehicles and pedestrians along the Foulstone Road Bridleway however must be kept clear at all times. Maps of the access route to Holling Dale Lift Site and the available materials storage location are provided in Section 6.

There is limited space at Hollingdale Lift Site and the available materials storage location at Foulstone Road Bridleway. Given these space limitations it is possible that deliveries of stone may need to be staggered and a proportion of the stone may have to be airlifted out of the Lift Site before more can be brought in. The Tenderer must account in their costs for the volume of stone, space limitations and potential need to stagger the delivery of the gully blocking works. The Tenderer should also consider the available access to Holling Dale Lift Site and outline in their tender return, their proposed method for delivering stone to the Lift Site.

3.3. Preparation of materials for aerial load lifting

The Contractor is required to sort the Materials into loads for transportation to the Works Sites by aerial load lift. It is the Contractor's responsibility to ensure that the means of sorting the Materials into loads and the transportation of loads are suitable and safe. The Contractor is responsible for supplying all Equipment (except airlifting strops) and Machinery required for preparing the loads for transport. For the aerial load lifting of stone, the Authority anticipates that this will require the Contractor to provide a telehandler or excavator to load gully blocking stone (750kg per load) into skips provided by the Authority's aerial works contractor.

3.4. Marshalling of Aerial Load Lifting & material deliveries

The contractor will be responsible for all marshalling of Aerial Load Lifting and material deliveries at the lift sites and works sites. It is the Contractor's responsibility to plan and mark out the Drop Locations for the loads of Materials at the Works Sites. The Contractor must supply all materials for marking out the Drop Locations.

The Contractor must ensure that any means of transporting the Materials is an efficient operation. It is the responsibility of the Contractor to ensure that it has all the required Equipment and Machinery and personnel to satisfactorily complete the Works. The Contractor is responsible for Marshalling and will provide sufficient personnel to Marshal each load at the Drop Site and at the Lift Site. The Contractor will also provide sufficient personnel to Marshal members of the public at the Drop Site and at the Lift Site.

The public footpath along Cartledge Stone Ridge will require marshalling during the aerial load lifting as well as the permissive path located near Dovestone Tor and bridleway along Foulstone Road.

Please refer to the main Tender "MFF 142 2022-2025" for detailed information on marshalling requirements.

3.5. Spreading of Heather Brash & Installation of Stone Dams

The contractor will be required to spread **1040 bags** of heather brash on bare peat areas at the works sites and **236 bags** of heather brash on reprofiled gully sides. The contractor will be required to install & construct **1361 stone dam units** at the works sites. 1281 stone dam units will be used to create new stone dams. Approximately 80 stone dam units will be used to "top up" existing stone dams, with 2 stone units placed on top of each existing dam.

3.6. Reprofiling of eroding gully sides

The contractor will be required to reprofile **1715 metres** of eroding gully sides. The height of the gullies proposed to be reprofiled varies between 100cm and 300cm, with the average height being 200cm.

3.7. Application of lime, seed & fertiliser

The contractor will be required to take delivery of and store initial lime, seed and fertiliser and maintenance lime and fertiliser for the works. The contractor will be required to transport the lime, seed and fertiliser on to the works site and apply the materials by hand to the bare peat areas. This must occur during March only. All Equipment and Machinery accessing the Work Site must be low ground pressure (<3 psi).

3.8. Removal of waste materials from the works site

The contractor will be responsible for preparing empty Bags and Waste Materials for removal from the Works Site. All Bags and Waste Materials shall be secured as per the methodology set out in Preparing Bags for removal by underslung load in **Appendix 8** Works Specification. If Waste Materials are not secured and become wind blown, the Contractor shall retrieve and secure all wind blown Materials at their expense. It is anticipated that the Authority will airlift the prepared empty Bags off the moor and back to the Lift Site. The Contractor must then arrange collection and recycling (where possible) of all empty Bags from the Lift Site.

3.9. Temporary Trackway

No Temporary Trackway will be required

3.10. Traffic management

No traffic management will be required

4. WORKS SITE DETAILS

4.1. Work Site Name:

Bradfield Moor

4.2. Description of Works Site location:

Bradfield Moor is located in the Peak District National Park west of Sheffield.

4.3. Specified Access Points/Routes:

The works site can be accessed on foot via several public rights of way and tracks. Foulstone Road Bridleway and Dukes Road Bridleway offer access to the works site along with various tracks accessible off Mortimer road near to Hollingdale and Bole Edge plantations. 4x4 access is possible part way up Foulstone Bridleway as well as along 2 tracks (key needed) which lead up to the proposed lift site and part way on to the moor from Holling Dale/Bole Edge plantations.

4.4. Access Restrictions:

There may be some dates where access to the works site is not possible due to shooting activities.

4.5. Public Rights of Way / Footpaths:

The public footpath along Cartledge Stone Ridge will require marshalling during the aerial load lifting as well as the permissive path located near Dovestone Tor and bridleway along Foulstone Road.

4.6. Vehicles allowed on Works Site:

All Equipment and Machinery accessing the Work Site must be low ground pressure (<3 psi).

4.7. Livestock:

Sheep graze the Work Site seasonally. The contractor must ensure their works do not allow sheep to escape.

4.8. Hazards associated with the Works Site:

There may be some dates where access to the works site is not possible due to shooting activities.

4.9. SSSI

The site is located within the Dark Peak SSSI. SSSI Consent/Assent will be arranged by MFFP in co-

ordination with Yorkshire Water. No works shall commence prior to confirmation from MFFP that SSSI consent/assent has been granted.

4.10. Scheduled Ancient Monuments and other Archaeology

Based on previous engagement with the PDNPA cultural heritage team, a number of features of archaeological/historical interest are considered to be present at the site. These locations should be avoided during machine tracking and excavation works.

- There are a number of Mesolithic flint working floors across the moors. One of these is recorded at SK214938, and described as being at the head of Hobson Moss Dike.
- There are lines of boundary stakes recorded from the 1855 6" OS map for which we have no information as to whether they still exist on the ground.
- At SK21619286 is a medieval cross base.

5. LIFT SITE DETAILS

5.1. Lift Site Name

Holling Dale Lift Site

5.2. Description of Lift Site location:

Holling Dale lift site is located between the now felled Holling Dale plantation and moorland on Bradfield Moor. The lift site is an area of hardstanding ground with space to park vehicles.

5.3. Specified Access points/routes:

The lift site can be accessed via a stone track off Mortimer Road. There are 2 gates along the track with at least 1 requiring a key for access. There is a small low lying bridge along the access track to the lift site. The weight limit of the bridge is unknown but a photo is provided in the additional information section. A photo of an available materials storage location at Foulstone Road Bridleway is provided in the Section 7 additional information. Maps of the access route to Holling Dale Lift Site are provided in Section 6.

5.4. Access Restrictions:

There may be some dates where access to the works site is not possible due to shooting activities.

5.5. Lift Site Surface/ Temporary Trackway Requirements:

The surface of the lift site is an area of hard standing ground. As such it is not expected that temporary trackway will be required.

5.6. Public Rights of Way / Footpaths:

There are no public rights of way at the lift site

5.7. Vehicles allowed on Lift Sites:

Temporary storage of vehicles at the Lift Site is permitted. Fuels must not be stored at the lift site.

5.8. Hazards associated with the Lift Sites:

There may be some dates where access to the Lift Site is not possible due to shooting activities.

5.9. SSSI:

The Lift Site is not located on SSSI

5.10. Storage of Materials allowed at lift site:

Storage of materials is permitted at the lift site

5.11. Helicopter refuelling permitted:

Helicopter refuelling is permitted at the lift site

5.12. Traffic management required:

Traffic management is not required

6. WORKS MAPS

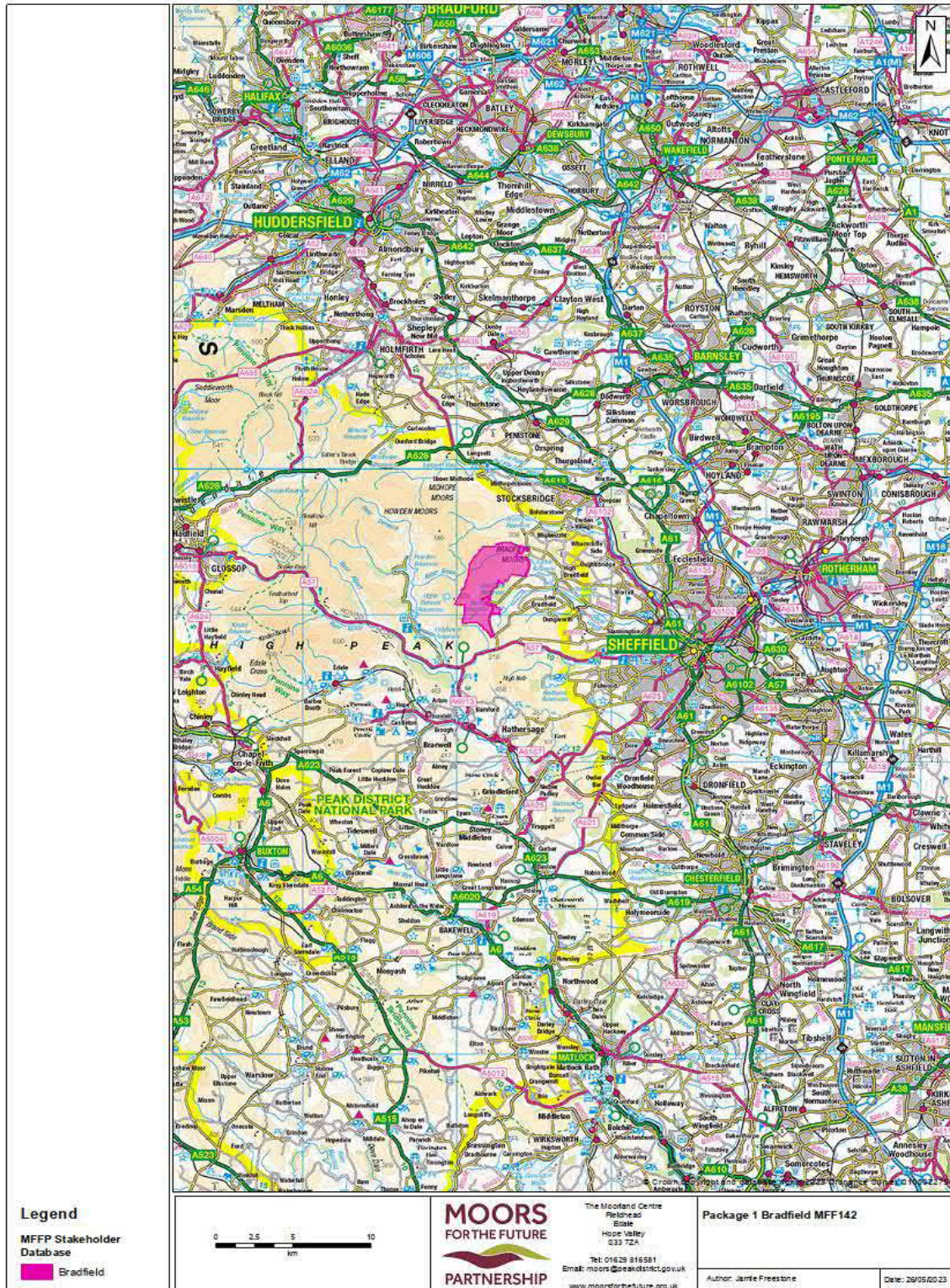


Figure 1 Location of the Bradfield Works Site

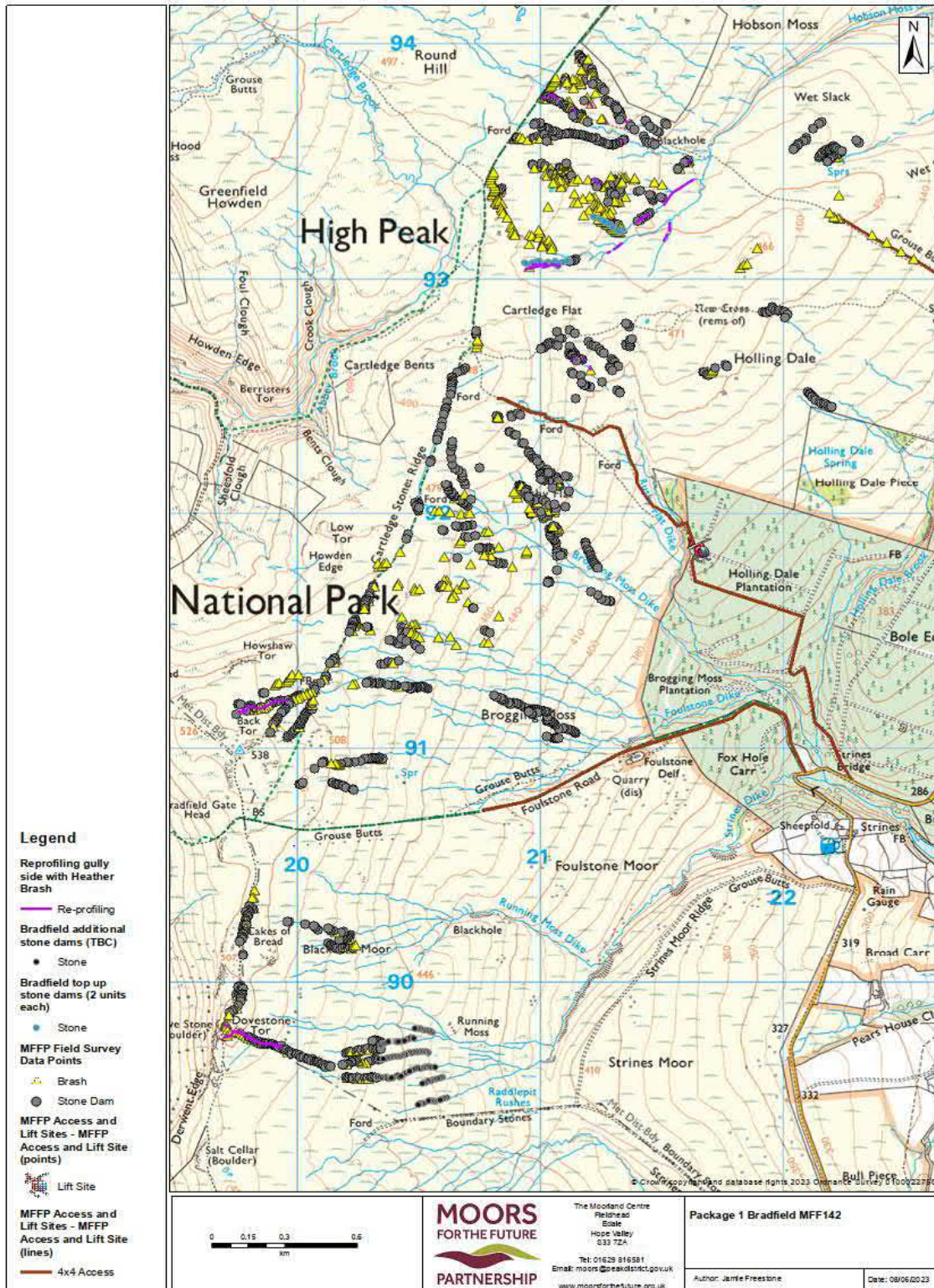


Figure 2 Bradfield Package 1 All Works

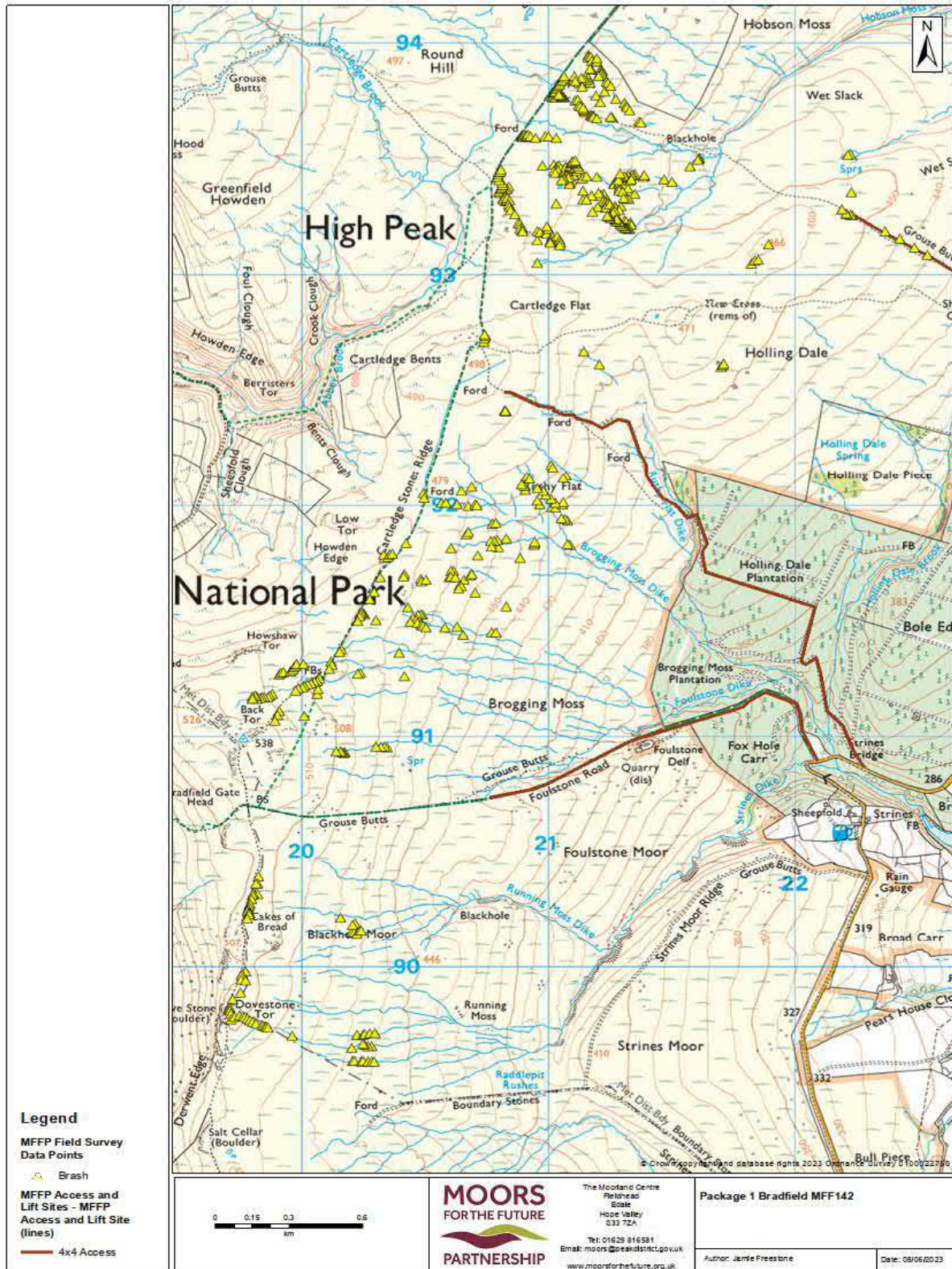


Figure 3 Bradfield Package 1 Brash Spreading Locations

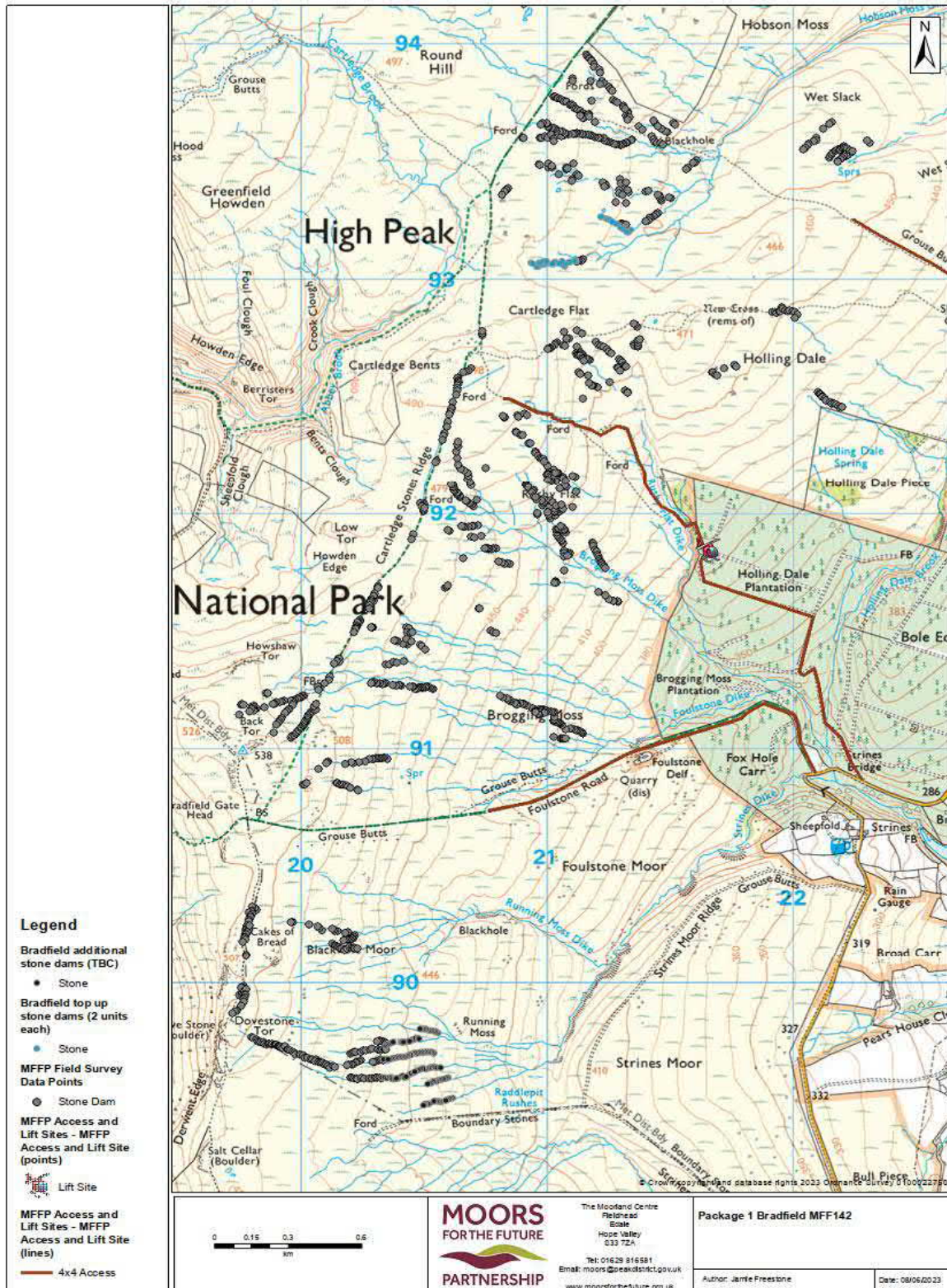


Figure 4 Bradfield Package 1 Stone Dam locations



Figure 5 Bradfield Package I Proposed cutting areas for Heather Brash (OS)



Figure 6 Bradfield Package 1 Proposed cutting areas for Heather Brash (aerial)

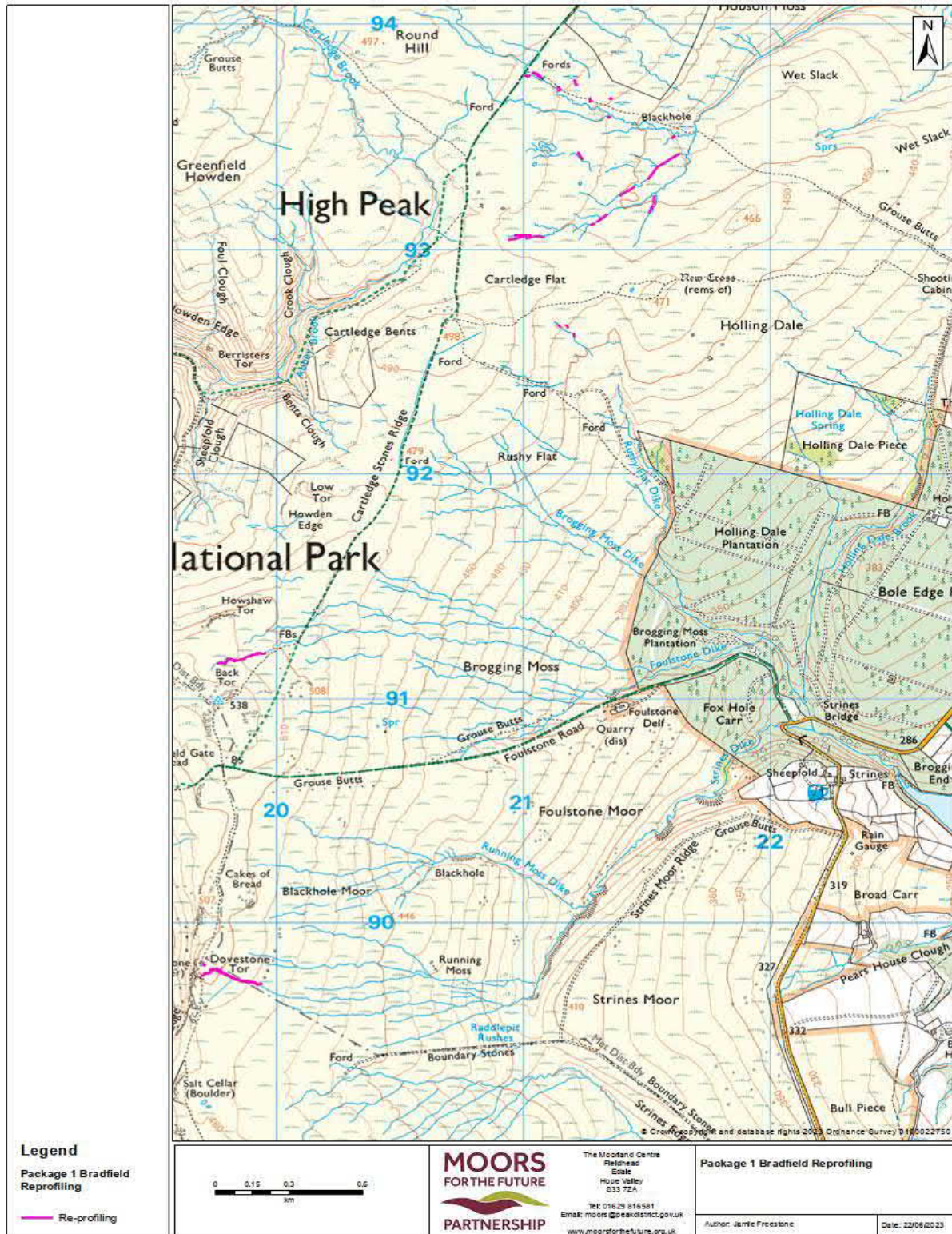


Figure 7 Bradfield Package 1 Reprofilng of gully sides

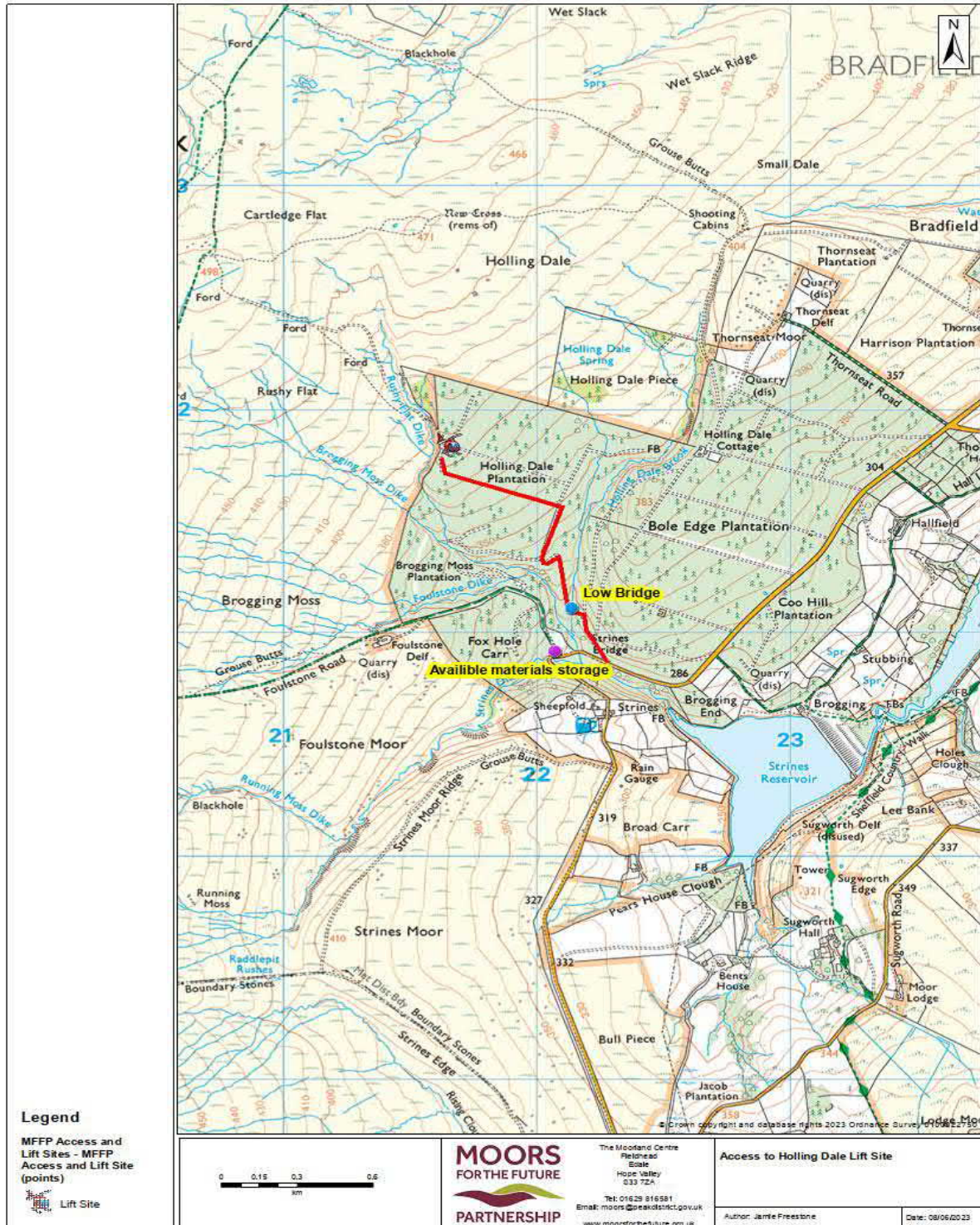


Figure 8 Bradfield Package I Access to Holling Dale Lift Site (OS)

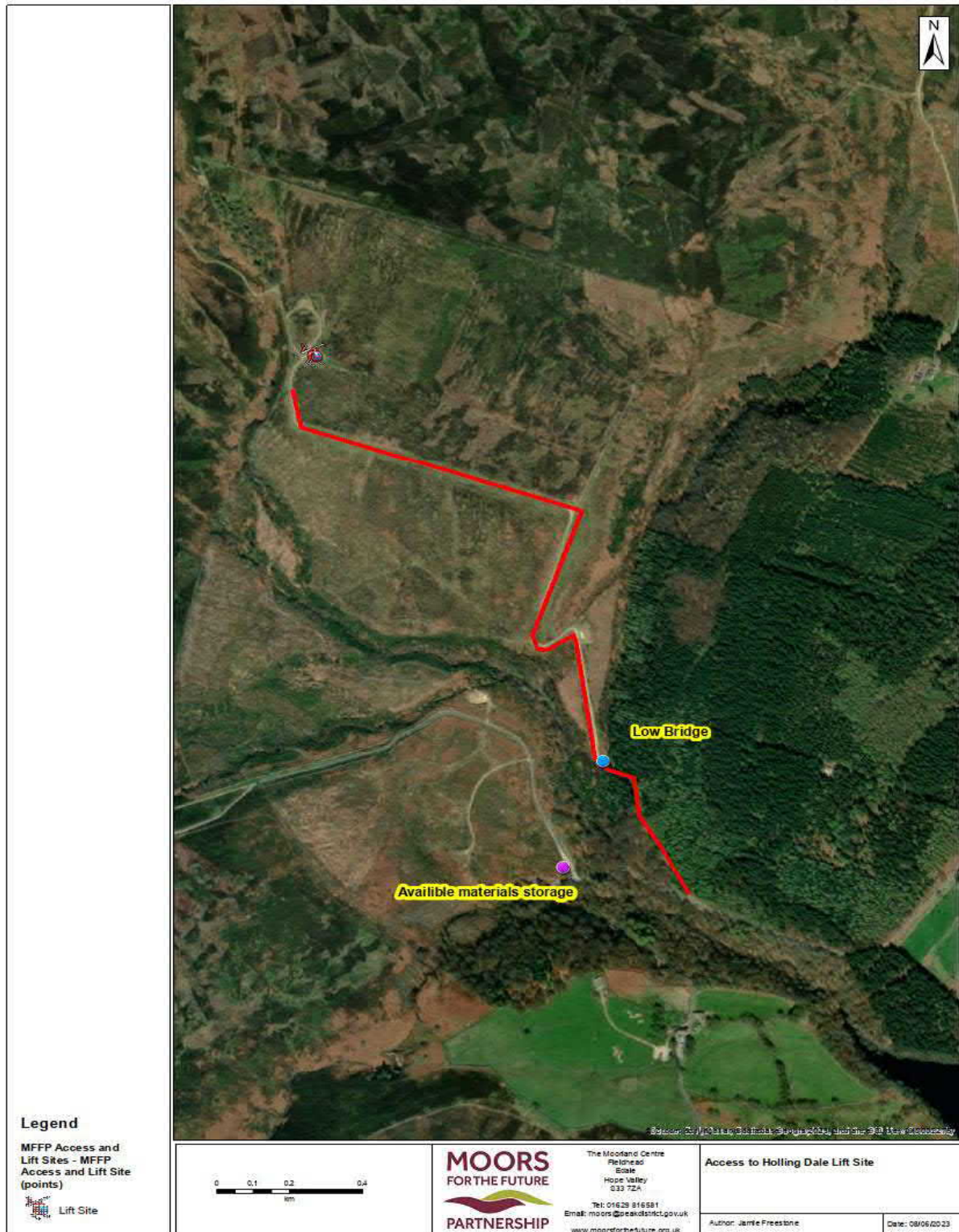


Figure 9 Bradfield Package I Access to Holling Dale Lift Site (aerial)

7. ADDITIONAL INFORMATION

This section provides photos of the access route to Holling Dale Lift Site, the low lying bridge located along the access track, gates that machinery and vehicles will have to pass through as well as the storage space available for materials and equipment at the Holling Dale Lift Site.



Photo 1 Holling Dale Lift Site



Photo 2 Holling Dale Lift Site



Photo 3 Low lying bridge



Photo 4 Low lying bridge



Photo 5 Gate along track to Holling Dale Lift Site

