



**WHITESTONE**  
solar farm

# WHITESTONE SOLAR FARM

## Volume 6: Environmental Statement

### 6.19 Chapter 9: Figures

Application Document ref. EN0110020/APP/6.19

Revision 01

June 2026

**Planning Act (2008)**  
Infrastructure Planning (Applications: Prescribed  
Forms and Procedure)  
Regulations 2009  
Regulations 5(2)(a)

[whitstonesolarfarm.co.uk](http://whitstonesolarfarm.co.uk)

## CHAPTER 9: FIGURES

Document status					
Version	Purpose of document	Authored by	Reviewed by	Approved by	Review date
Rev01	DCO Submission	ERM	DWD, TLT, Whitestone Net Zero Ltd	Whitestone Net Zero Ltd	1 June 2026

Approval for issue		
Whitestone Net Zero Ltd		1 June 2026

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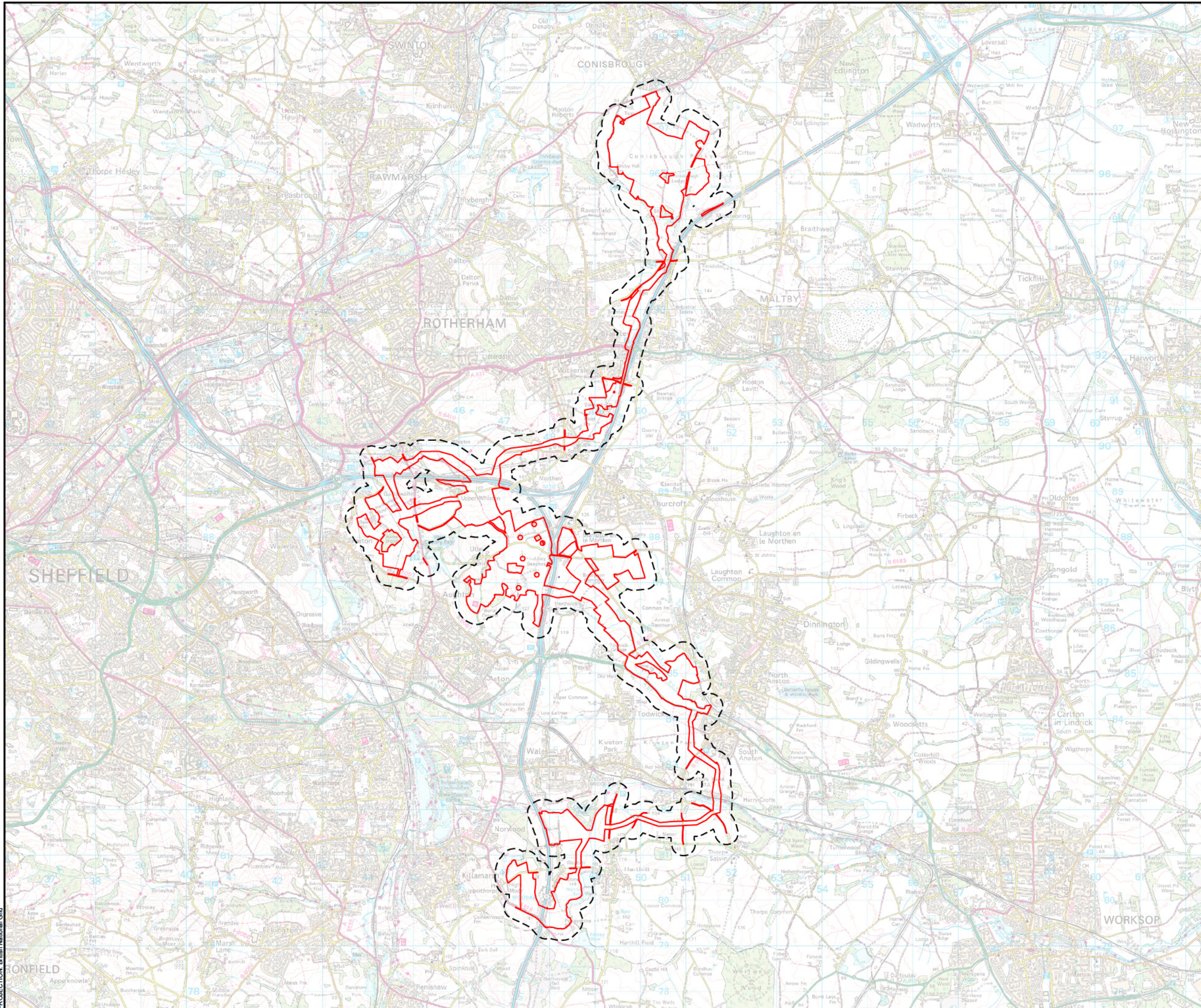
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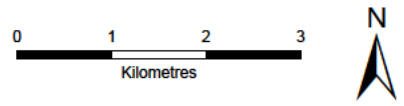
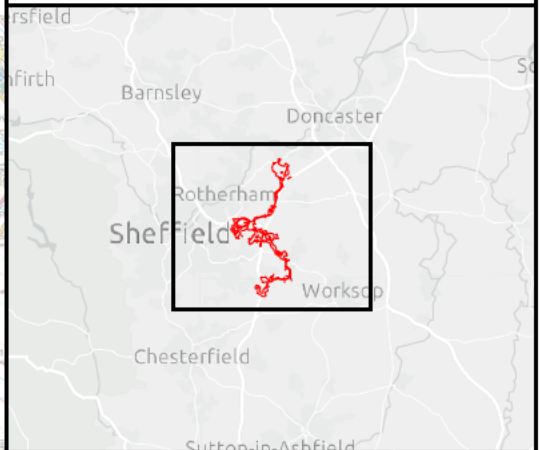
**Whitestone Net Zero Ltd.**

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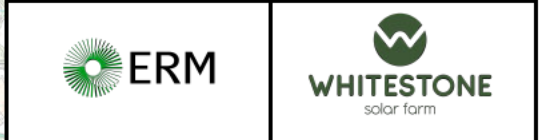
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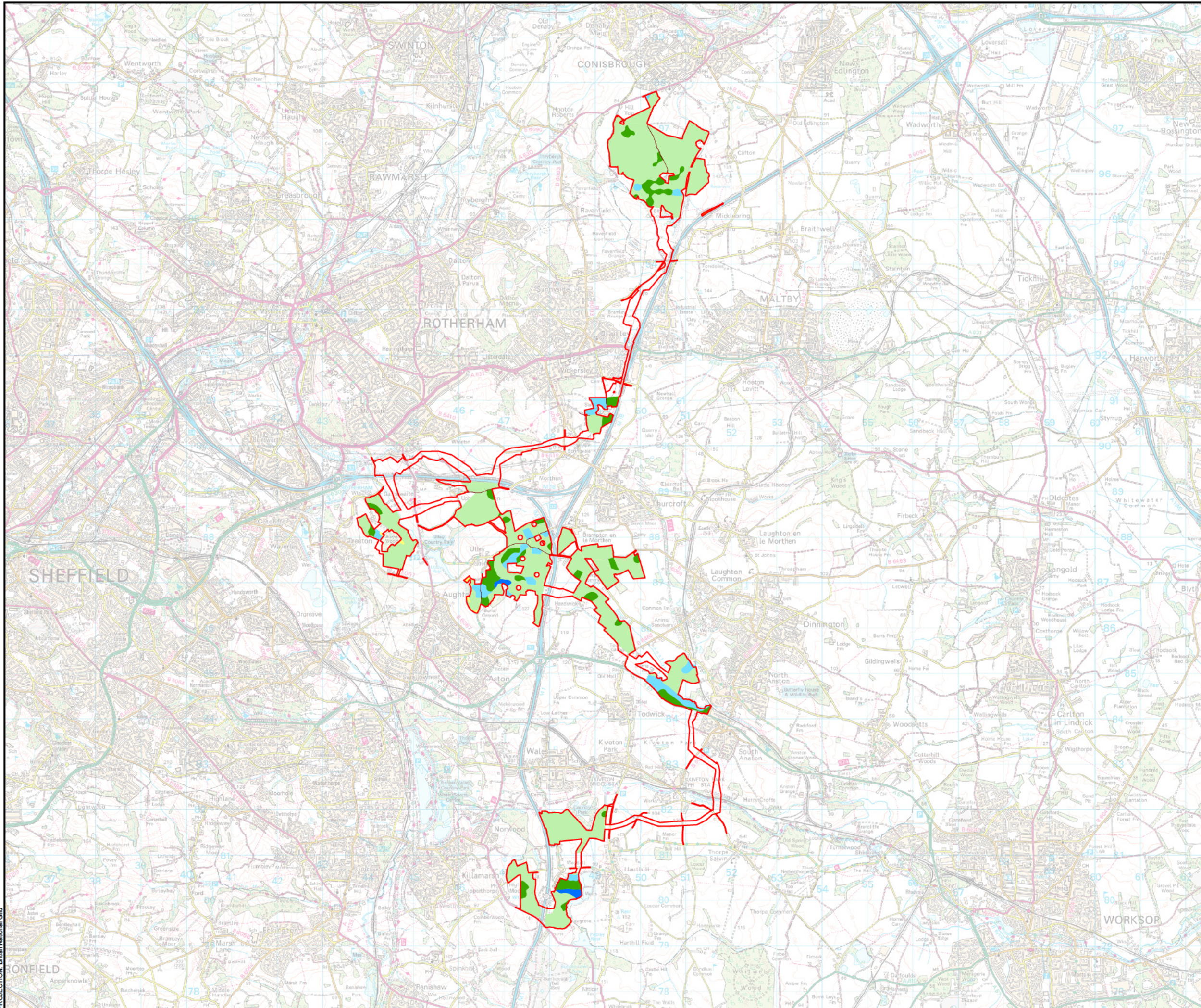


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DATE: 30/04/2026	APPROVED: AH

**Whitestone Solar Farm**  
**Environmental Statement Volume 3**  
**Figure 9.1**  
**Study Area**  
**Sheet 1 of 1**

**Reference: EN0110020/APP/6.19**  
 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)

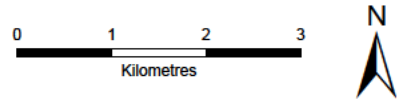
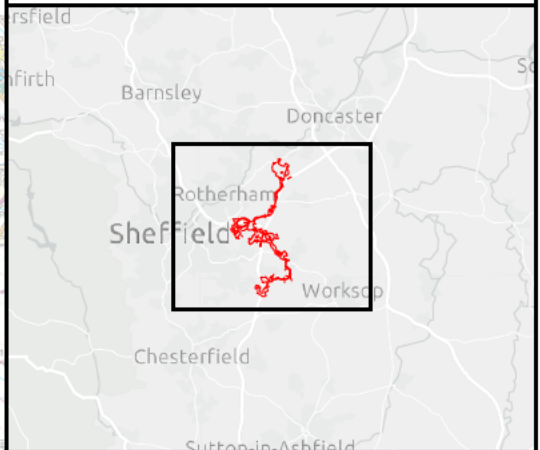




**Order Limits**

**ALC Results**

- ALC Grade 1
- ALC Grade 2
- ALC Subgrade 3a
- ALC Subgrade 3b
- ALC Grade 4
- Non Agricultural
- Urban



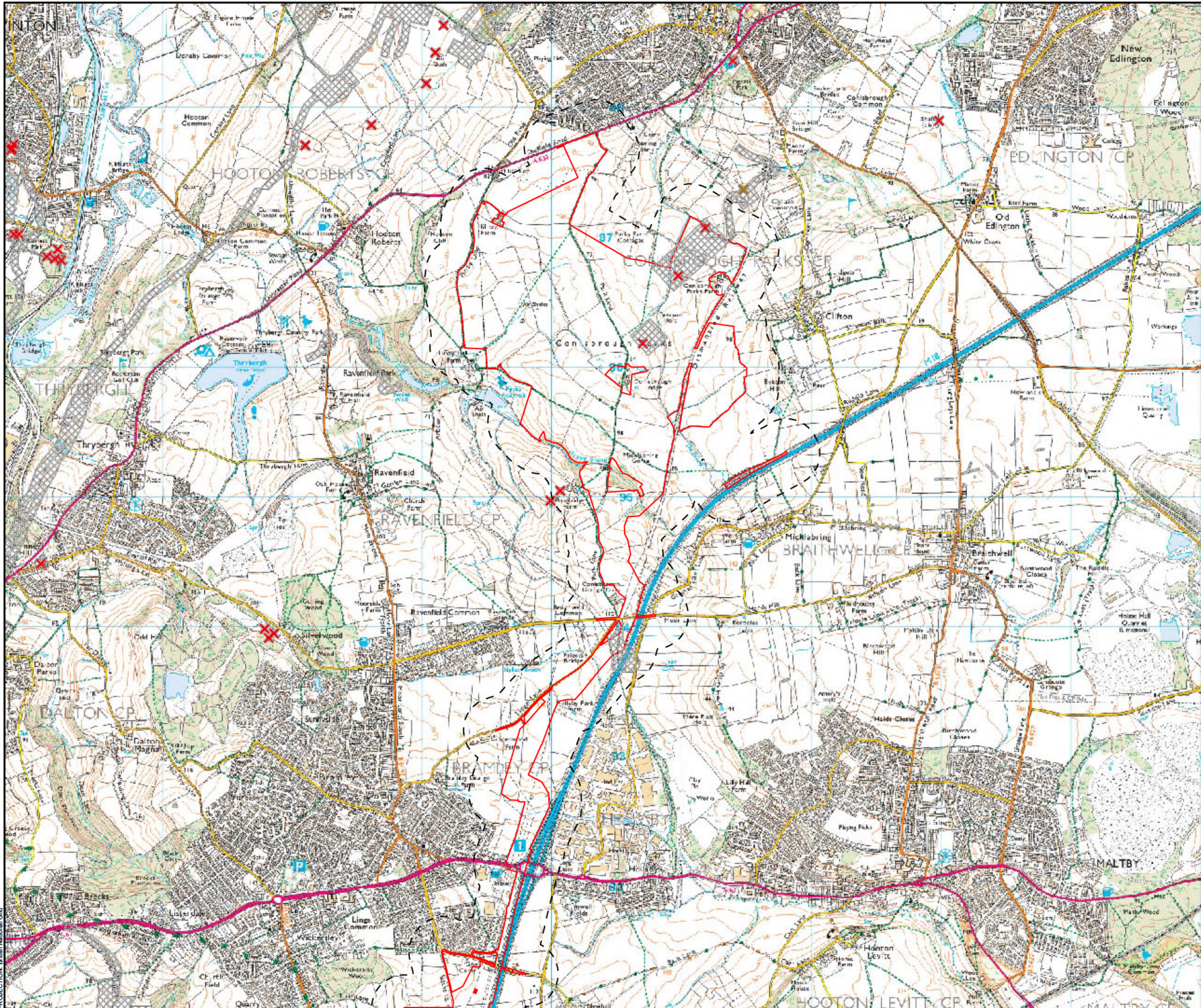
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**Whitestone Solar Farm  
Environmental Statement Volume 3  
Figure 9.2  
ALC Survey Results  
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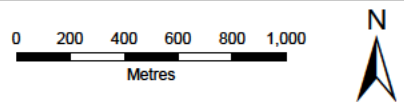
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Regulations 5(2)(a)**

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Order Limits  
 250 m Buffer of Order Limits  
 Development High Risk Area  
**Mine Entry**  
X Shaft  
X Adit




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**Whitestone Solar Farm**  
**Environmental Statement Volume 3**  
**Figure 9.3**  
**Coal Mining High Risk Development Areas**  
**Sheet 1 of 3**

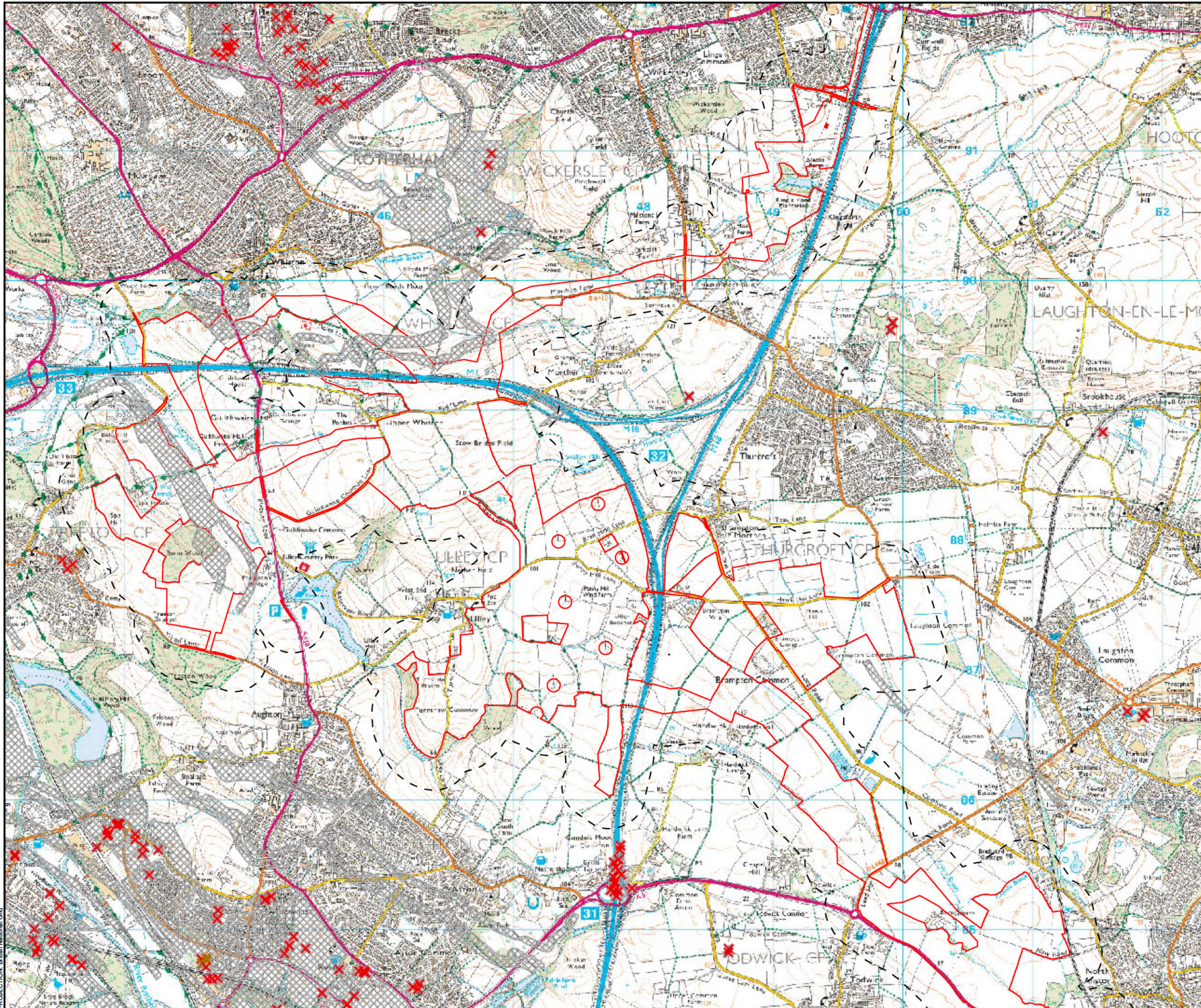
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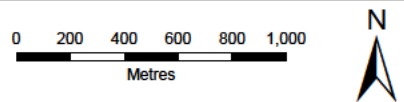
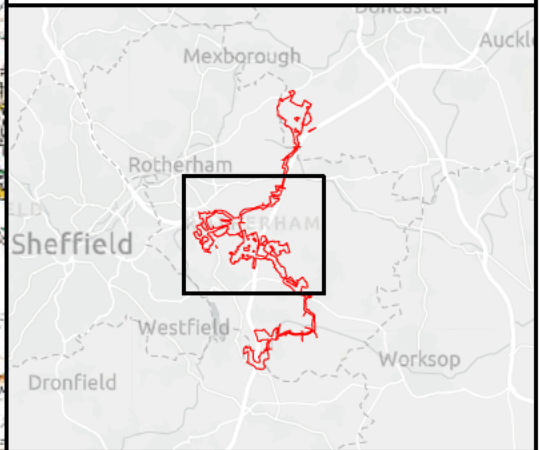
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Order Limits  
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 Development High Risk Area  
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**Whitestone Solar Farm**  
**Environmental Statement Volume 3**  
**Figure 9.3**  
**Coal Mining High Risk Development Areas**  
**Sheet 2 of 3**

**Reference: EN0110020/APP/6.19**  
 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)

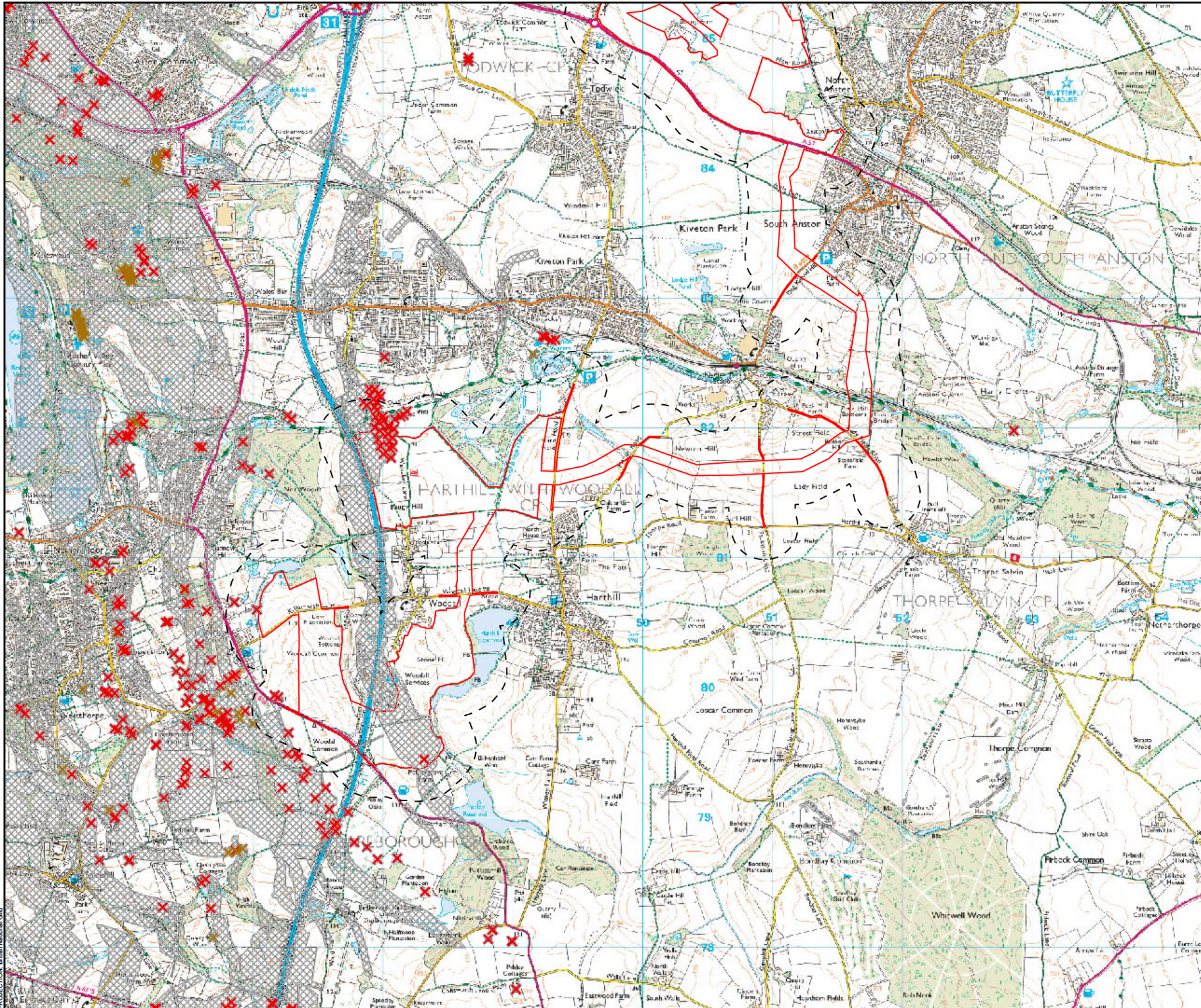


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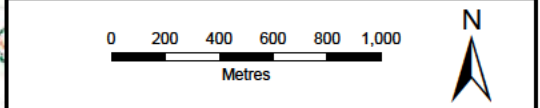


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**Order Limits**  
 250 m Buffer of Order Limits  
 Development High Risk Area  
**Mine Entry**  
 Shaft  
 Adit

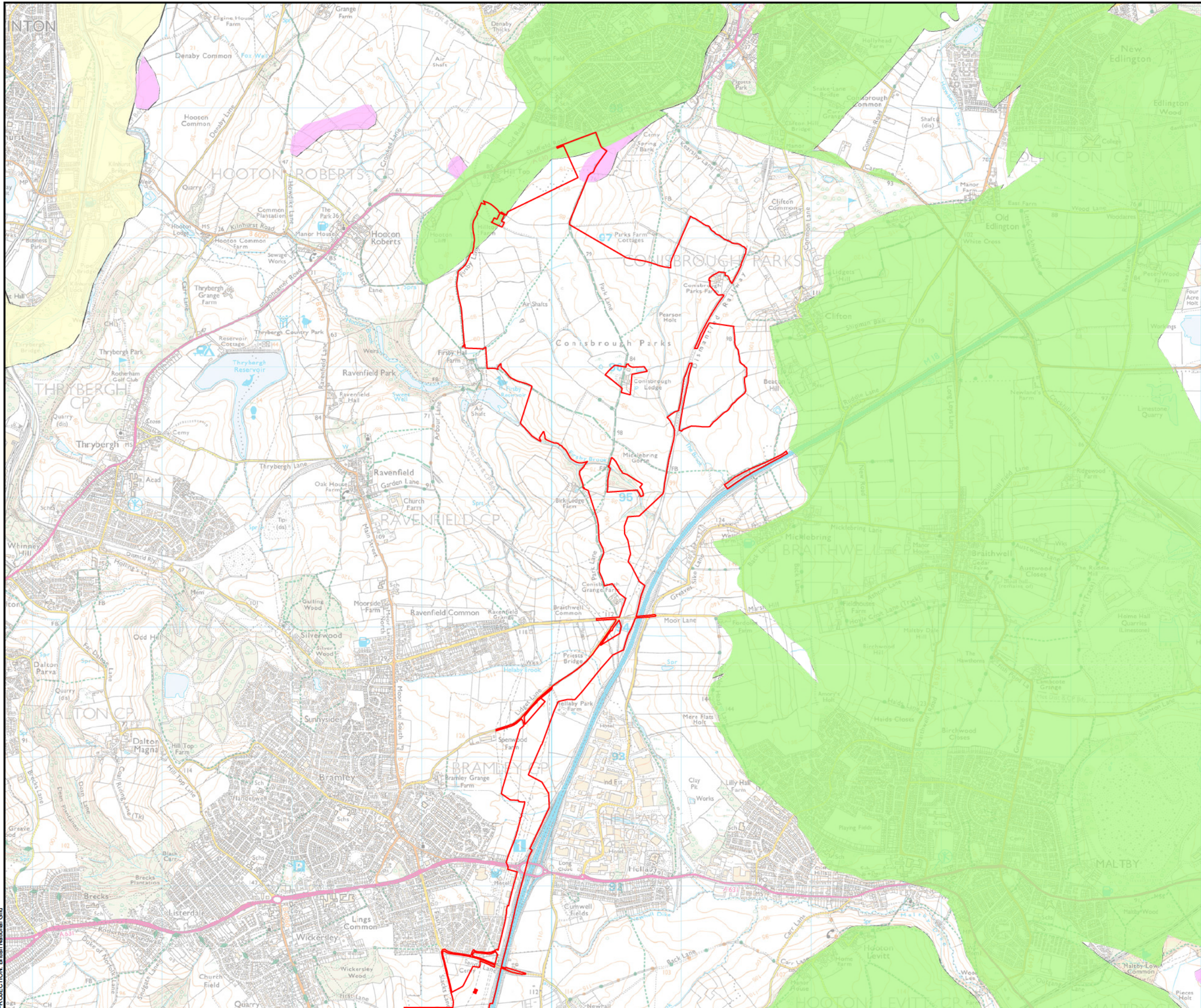


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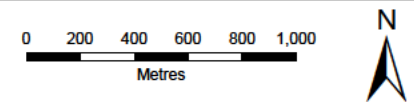
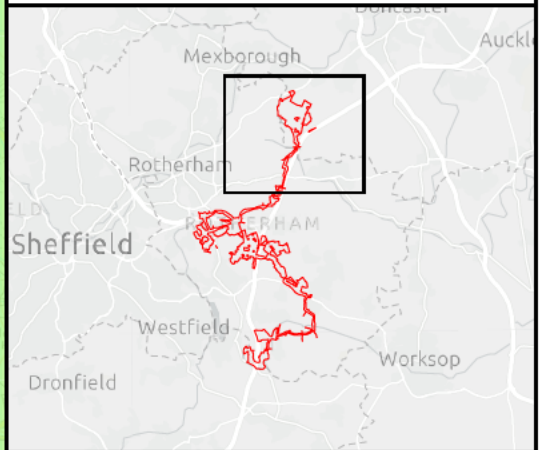
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 Environmental Statement Volume 3  
 Figure 9.3  
 Coal Mining High Risk Development Areas  
 Sheet 3 of 3**

**Reference: EN0110020/APP/6.19**  
 Infrastructure Planning (Applications: Prescribed  
 Forms and Procedure) Regulations 2009 -  
 Regulations 5(2)(a)

PROJECTION: British National Grid



- Order Limits
- Superficial Sand and Gravel: Glaciofluvial deposits
- Superficial Sand and Gravel: Sub-alluvial River Terrace deposits - Inferred resources
- Limestone: Dolomite and dolomitic limestone: Permian, Cadeby and Brotherton formations (Magnesian Limestone)



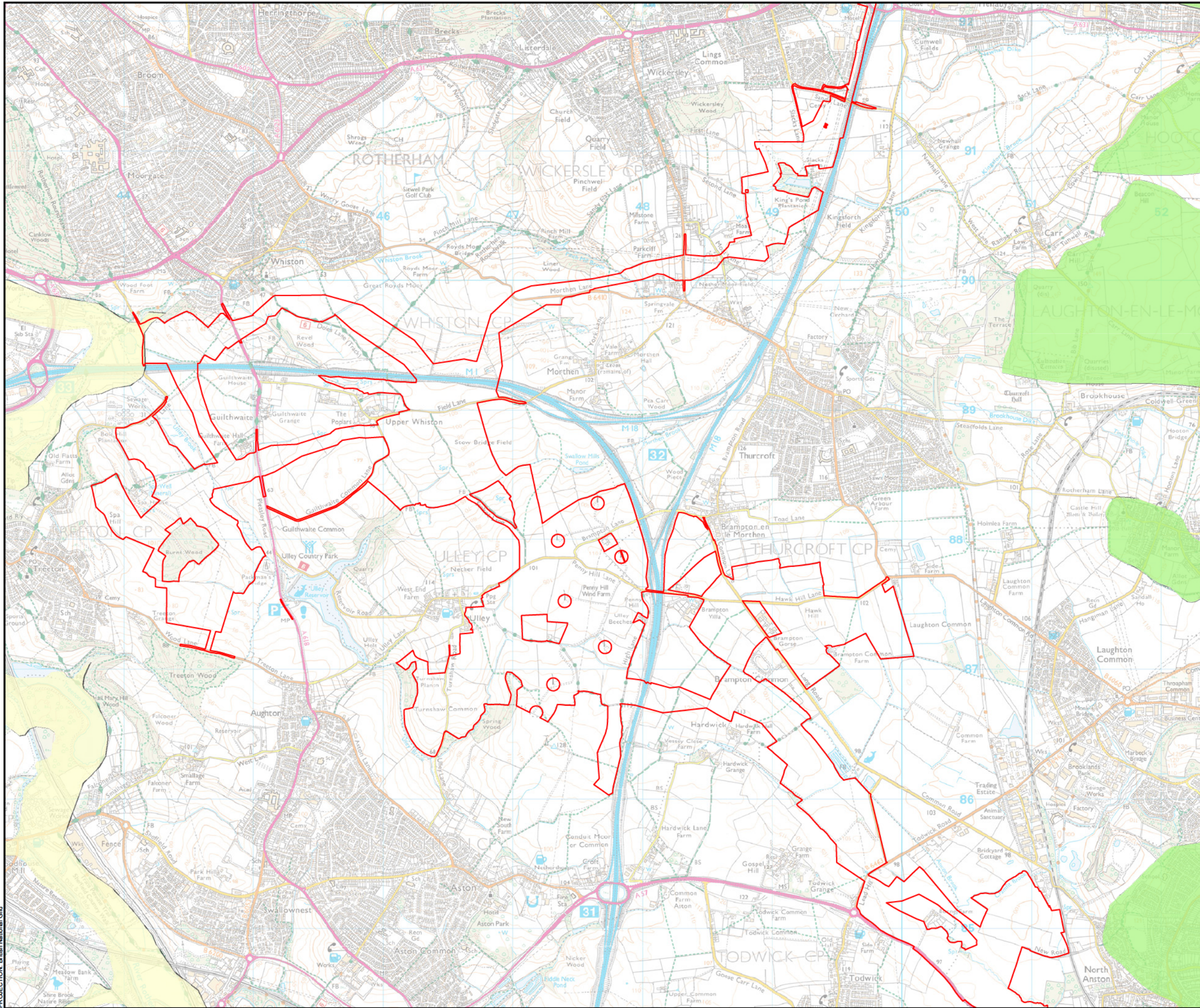
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**Whitestone Solar Farm  
Environmental Statement Volume 3  
Figure 9.4  
Mineral Safeguard Areas  
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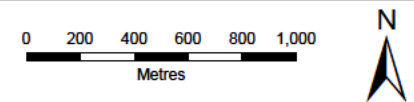
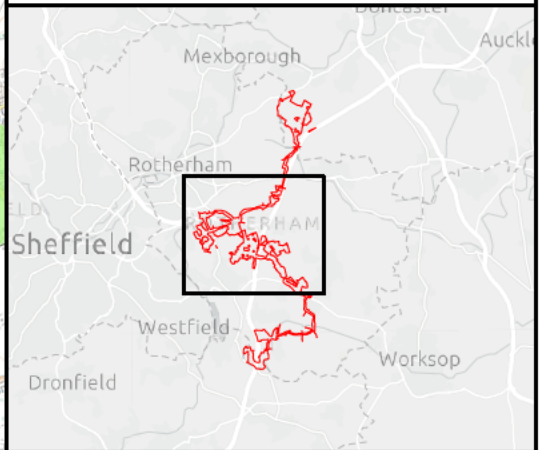
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PROJECTION: British National Grid



- Order Limits
- Superficial Sand and Gravel: Glaciofluvial deposits
- Superficial Sand and Gravel: Sub-alluvial River Terrace deposits - Inferred resources
- Limestone: Dolomite and dolomitic limestone: Permian, Cadeby and Brotherton formations (Magnesian Limestone)



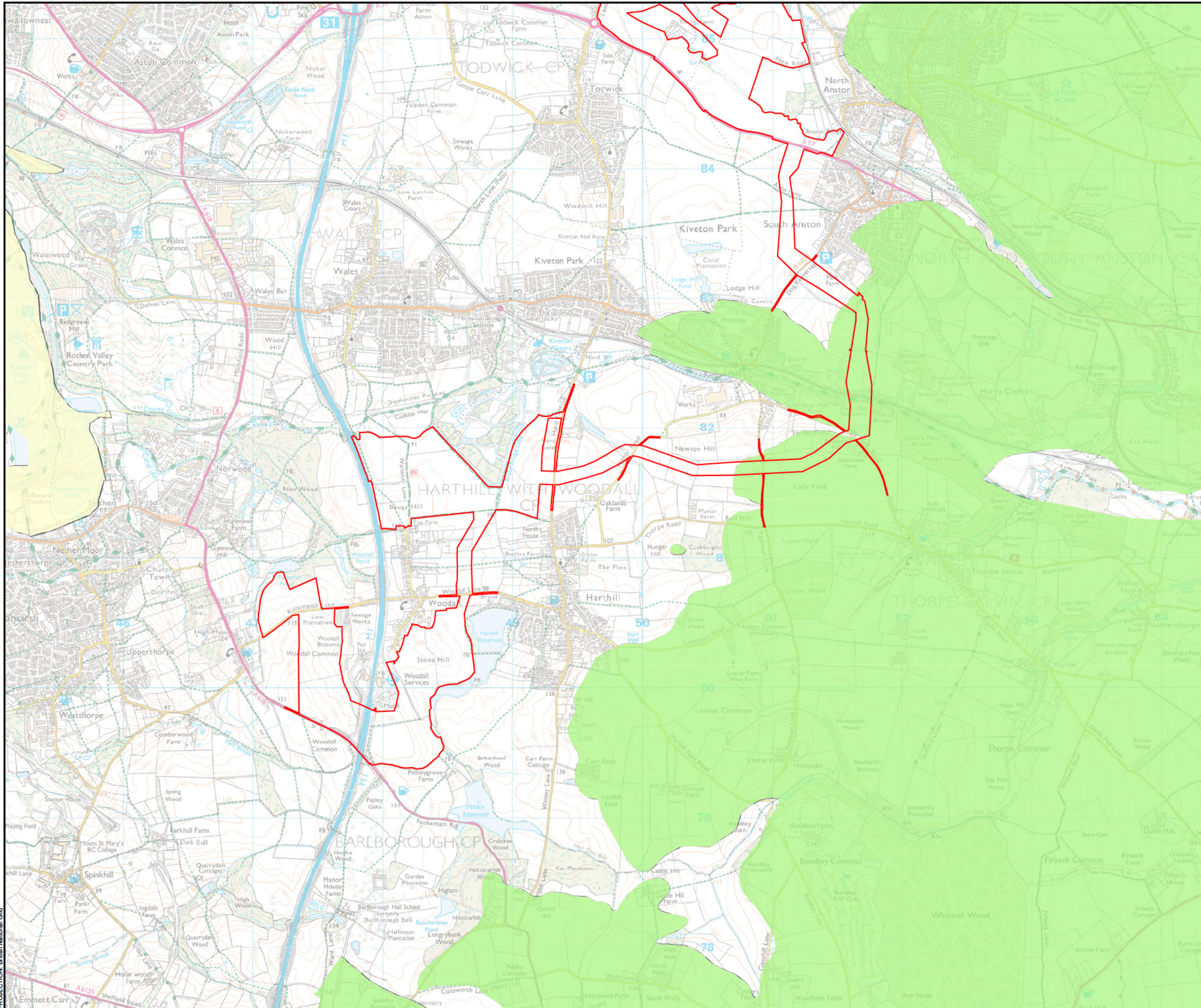
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**Whitestone Solar Farm  
Environmental Statement Volume 3  
Figure 9.4  
Mineral Safeguard Areas  
Sheet 2 of 3**

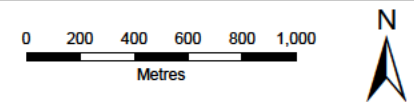
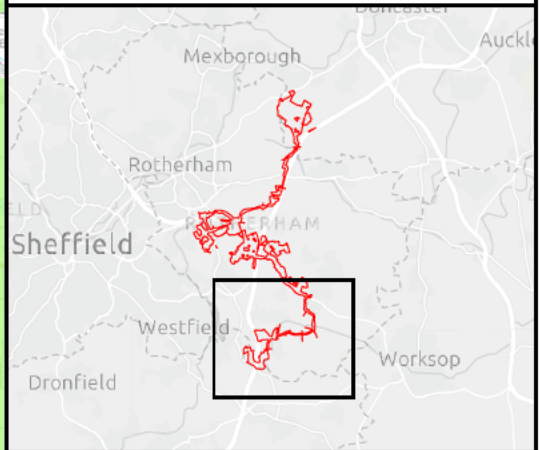
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PROJECTION: British National Grid



- Order Limits
- Superficial Sand and Gravel: Glaciofluvial deposits
- Superficial Sand and Gravel: Sub-alluvial River Terrace deposits - Inferred resources
- Limestone: Dolomite and dolomitic limestone: Permian, Cadeby and Brotherton formations (Magnesian Limestone)



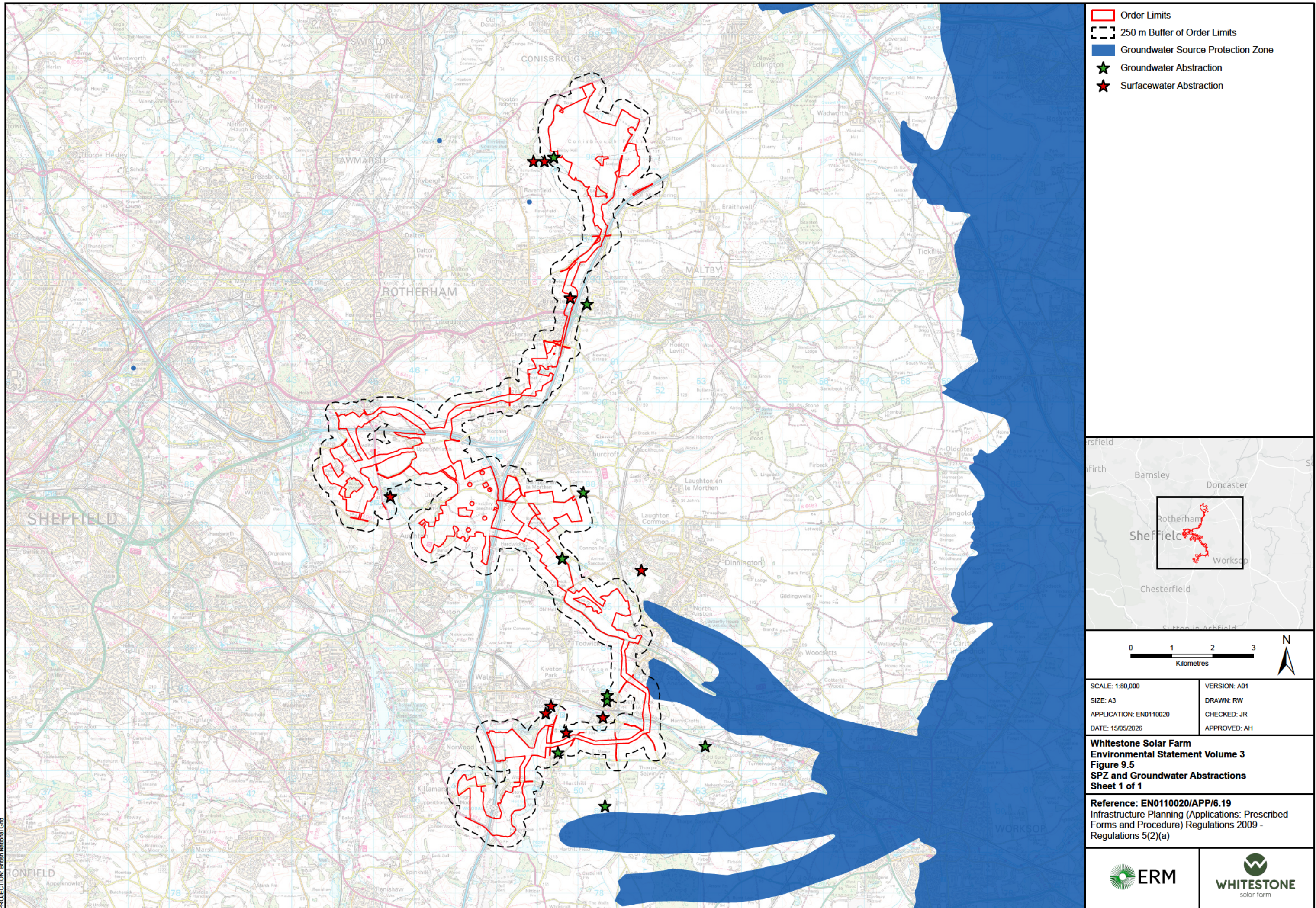
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Environmental Statement Volume 3  
Figure 9.4  
Mineral Safeguard Areas  
Sheet 3 of 3**

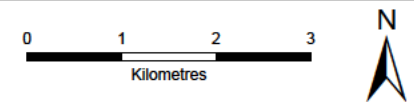
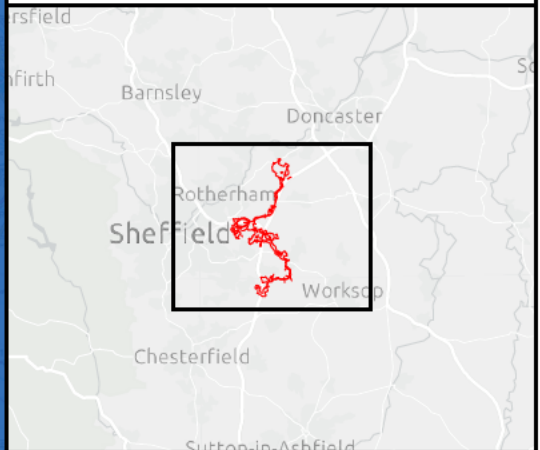
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PROJECTION: British National Grid



- Order Limits
- 250 m Buffer of Order Limits
- Groundwater Source Protection Zone
- ★ Groundwater Abstraction
- ★ Surfacewater Abstraction



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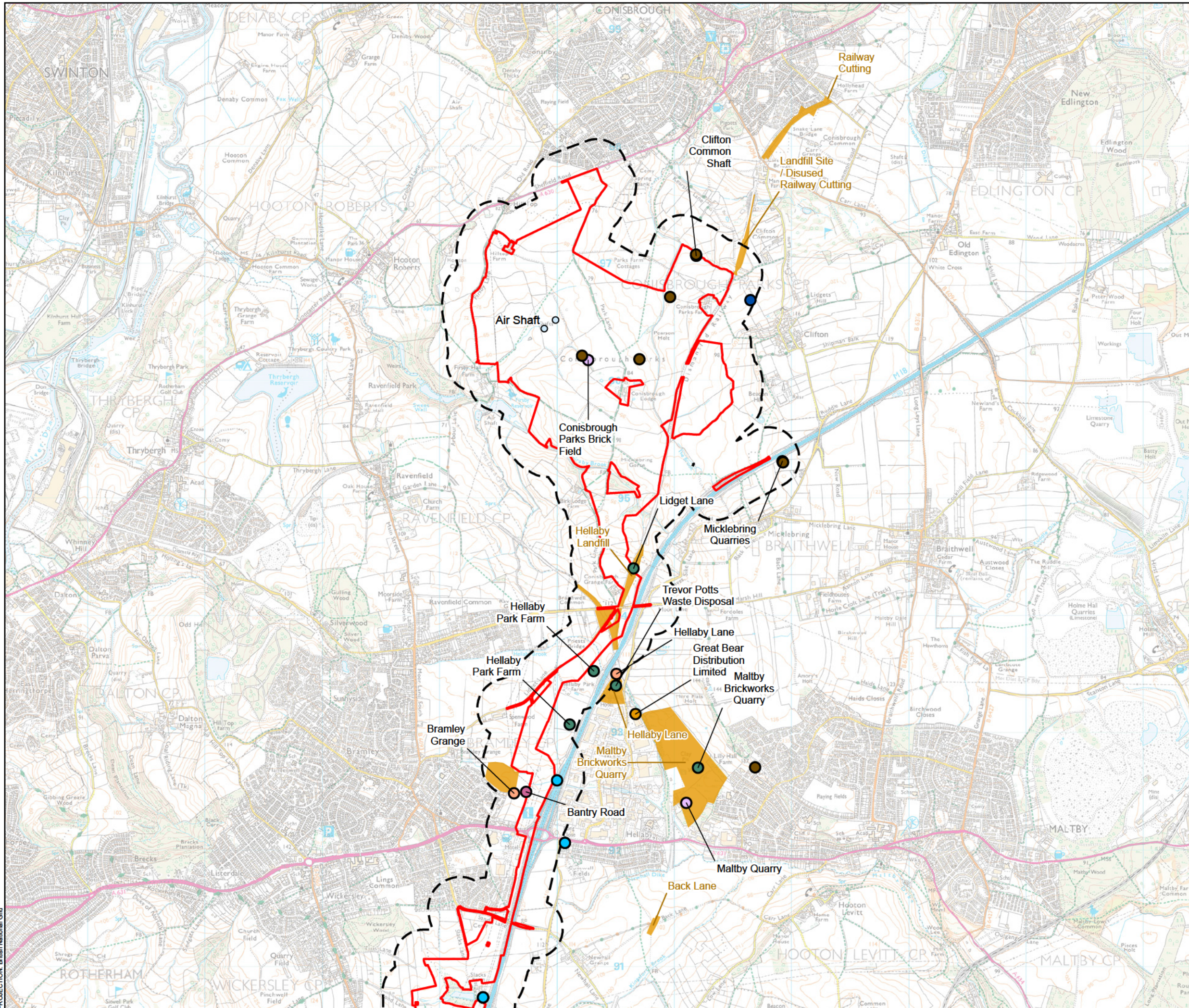
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SPZ and Groundwater Abstractions  
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Regulations 5(2)(a)

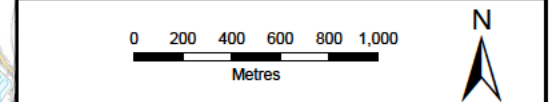
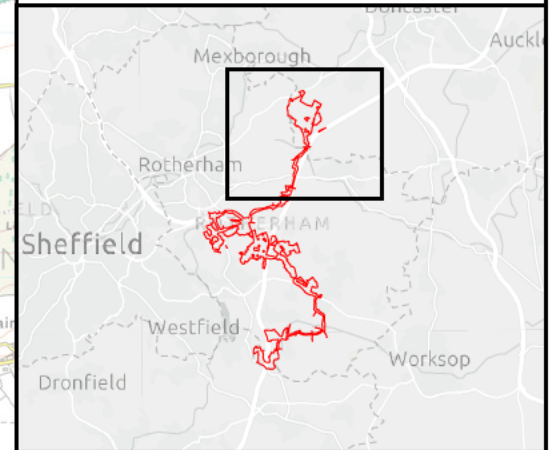
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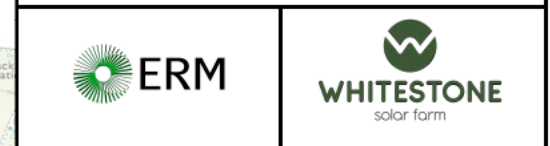
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- 250 m Buffer of Order Limits
- Potentially Contaminated Sites**
- Historic Landfill Sites
- ✕ Mine Entry
- BGS Recorded Landfill Site
- BGS Recorded Mineral Site
- Control of Major Accident Hazards Site
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Sewage Works/Sludge Bed



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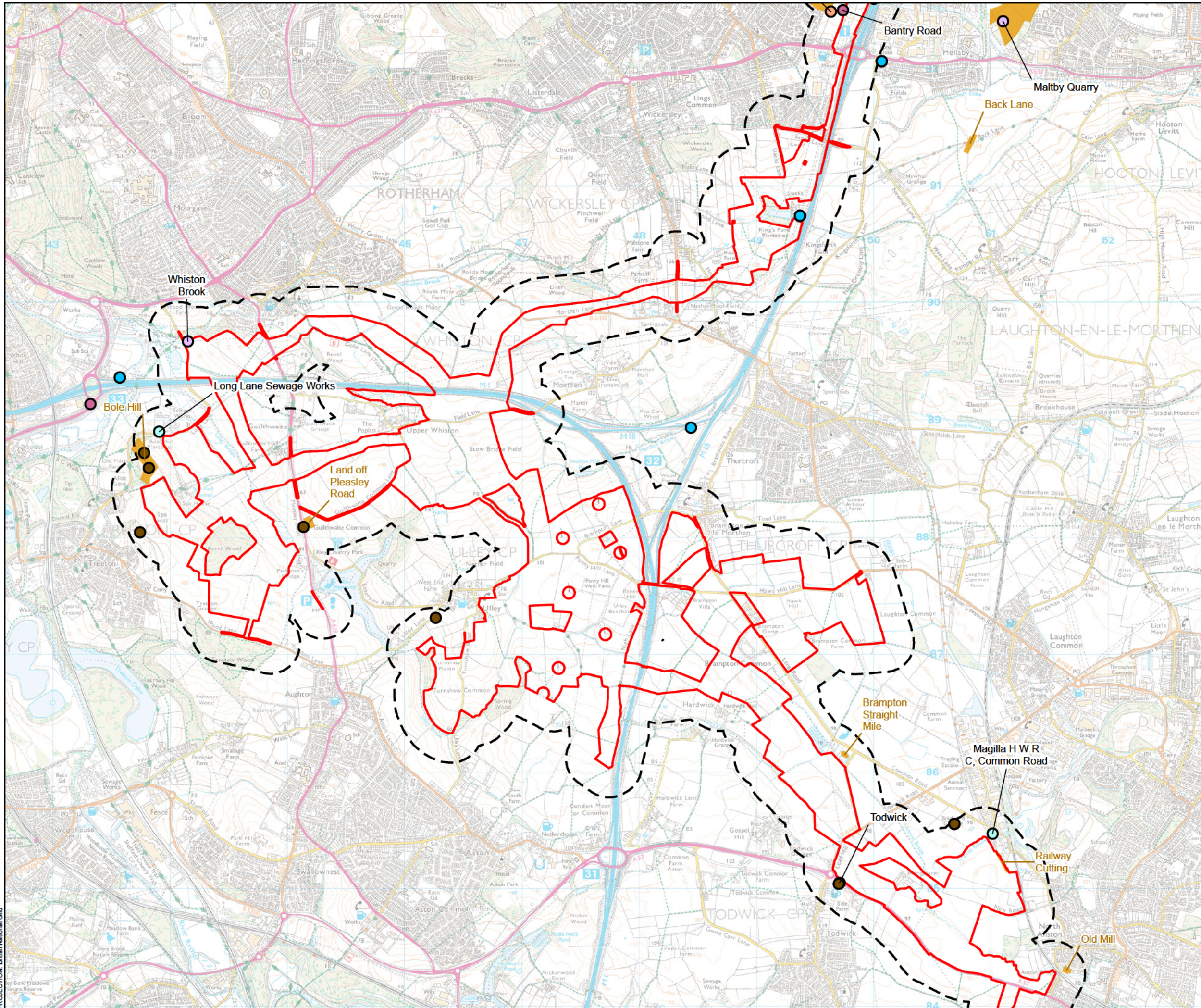
**Whitestone Solar Farm  
Environmental Statement Volume 3  
Figure 9.7.1  
Map of Potentially Contaminated Sites  
Sheet 1 of 3**

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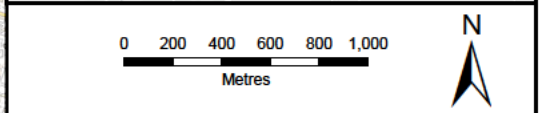
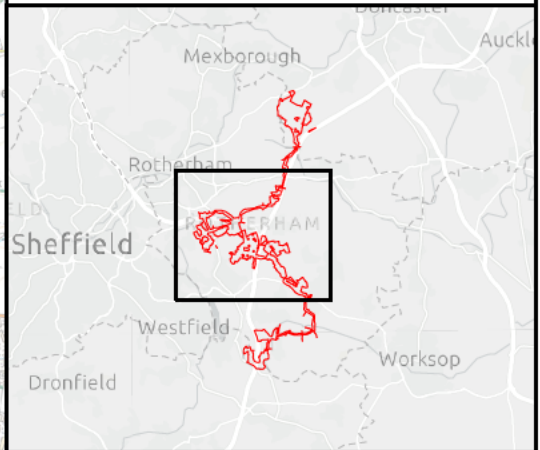


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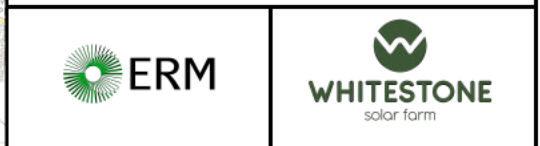
- Order Limits
- 250 m Buffer of Order Limits
- Potentially Contaminated Sites**
- Historic Landfill Sites
- ✕ Mine Entry
- BGS Recorded Landfill Site
- BGS Recorded Mineral Site
- Licensed Waste Management Facility
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-Water)
- Potentially Infilled Land (Water)

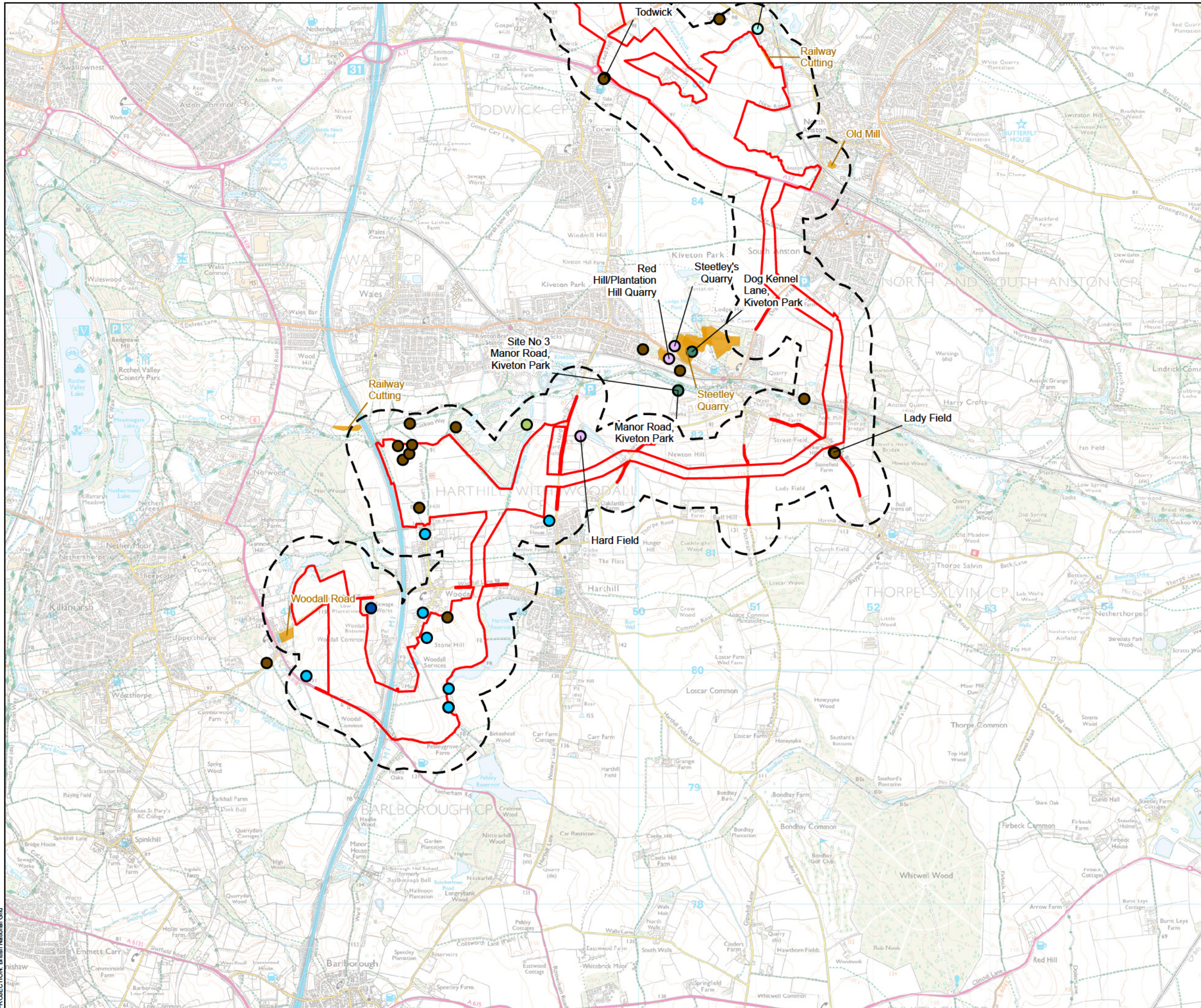


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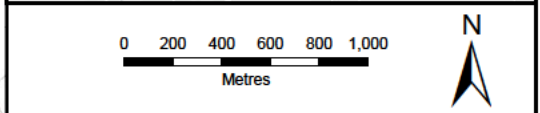
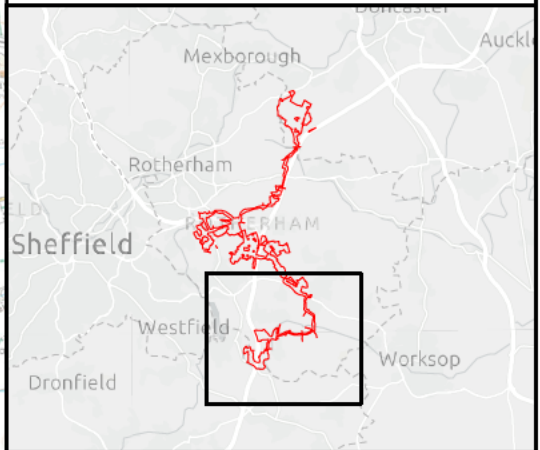
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Environmental Statement Volume 3  
Figure 9.7.1  
Map of Potentially Contaminated Sites  
Sheet 2 of 3**

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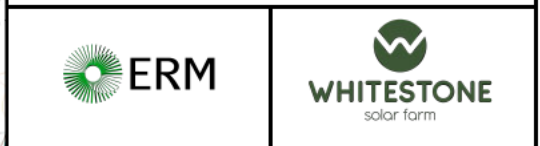
- Order Limits
- 250 m Buffer of Order Limits
- Potentially Contaminated Sites**
- Historic Landfill Sites
- X Mine Entry
- BGS Recorded Mineral Site
- Licensed Waste Management Facility
- Potentially Infilled Land (Non-Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Sewage Works/Sludge Bed
- Spoil Heap



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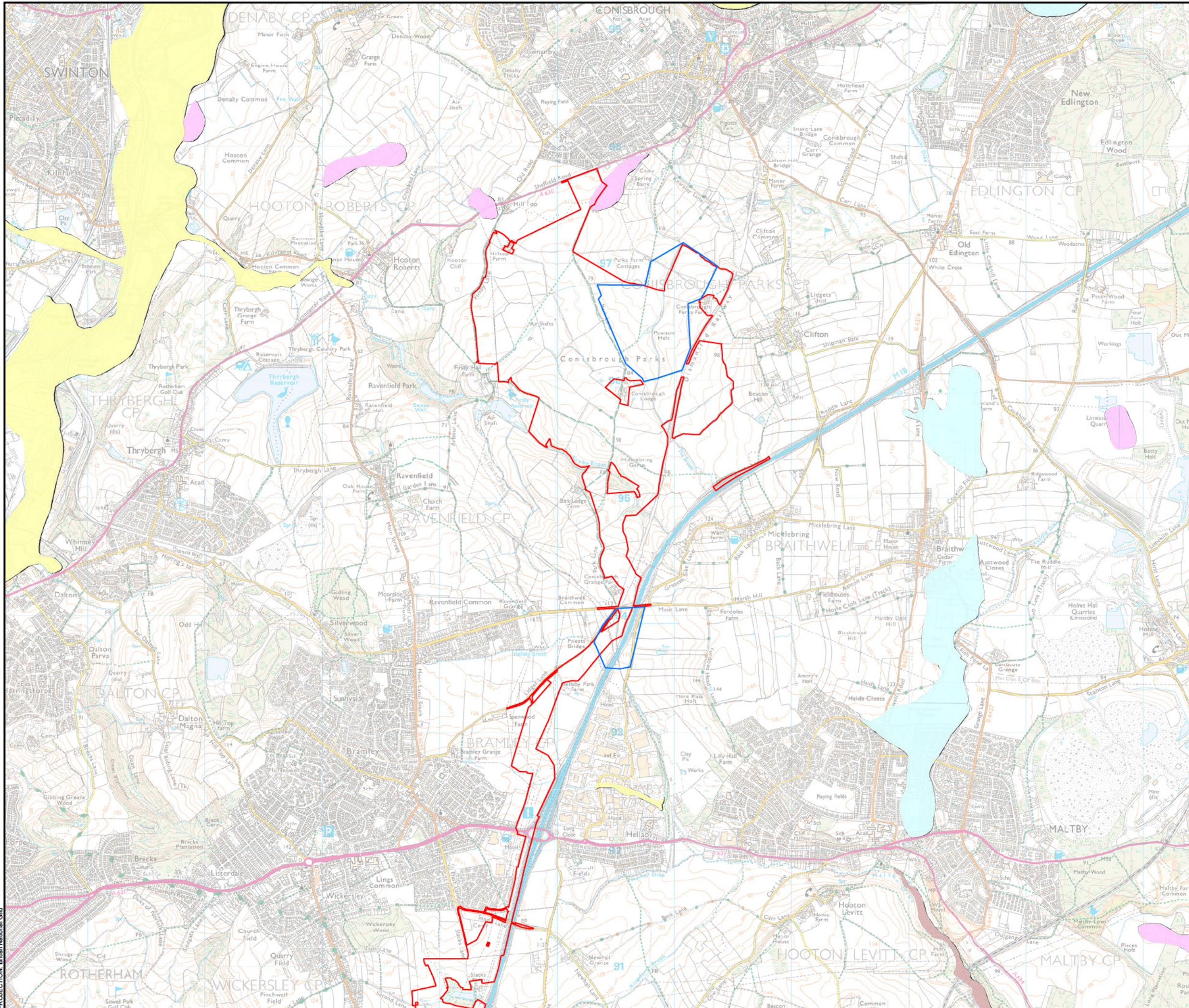
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**Environmental Statement Volume 3**  
**Figure 9.7.1**  
**Map of Potentially Contaminated Sites**  
**Sheet 3 of 3**

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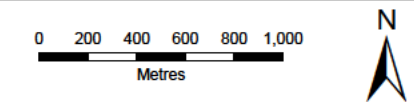


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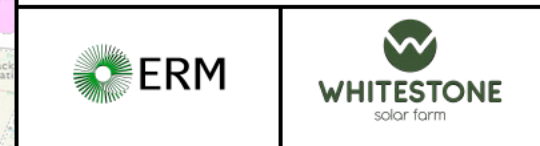
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- Coal Authority Search Order Limits
- BGS Geology 50K - Superficial Deposits
- Alluvium-Clay, silt, sand and gravel
- Glaciofluvial deposits, Mid Pleistocene-Sand and gravel
- Till, Mid Pleistocene-Diamicton
- Head-Clay, silt, sand and gravel



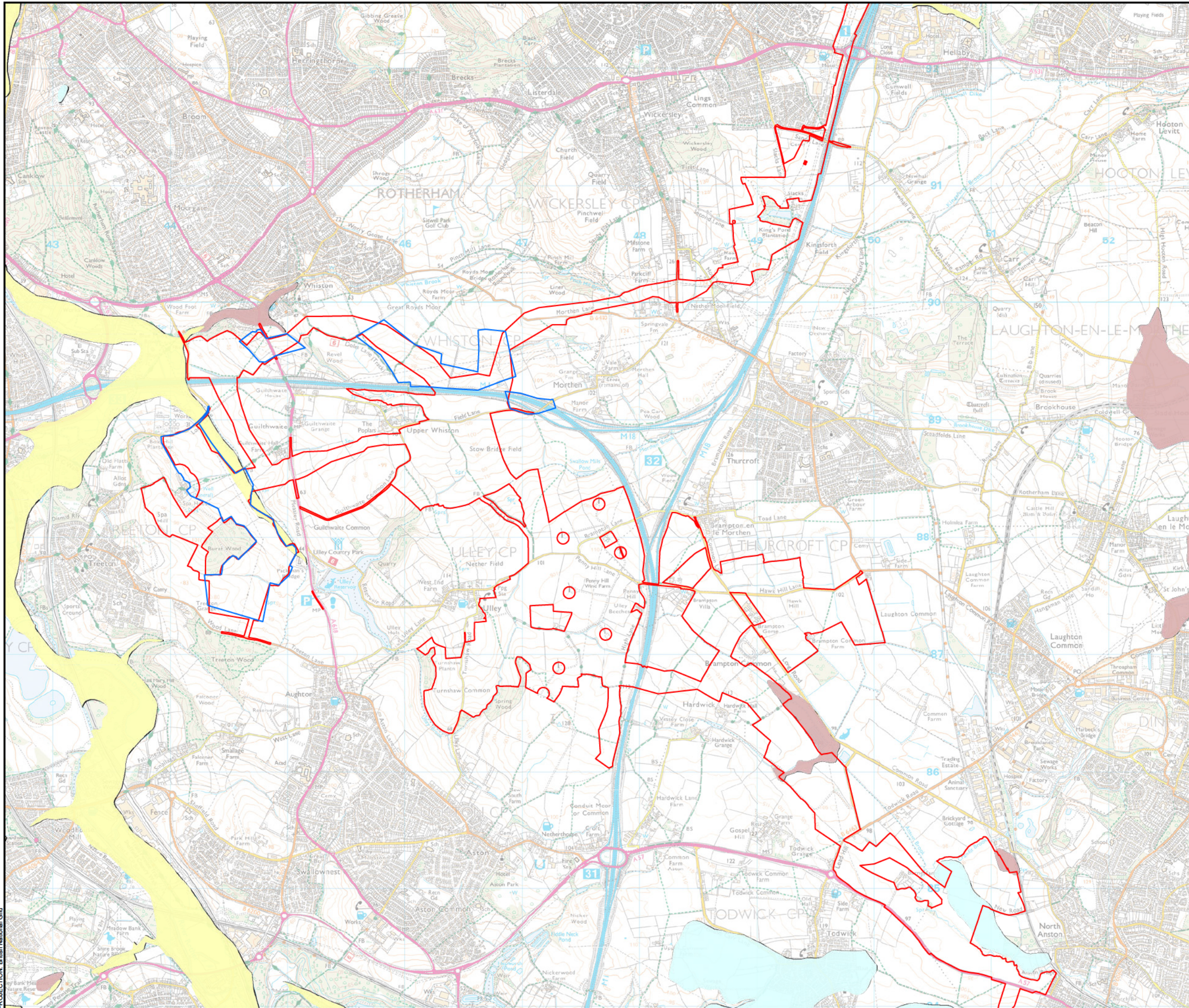
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**Whitestone Solar Farm  
Environmental Statement Volume 3  
Figure 9.10.1  
Superficial Geology  
Sheet 1 of 3**

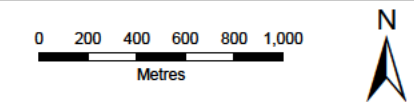
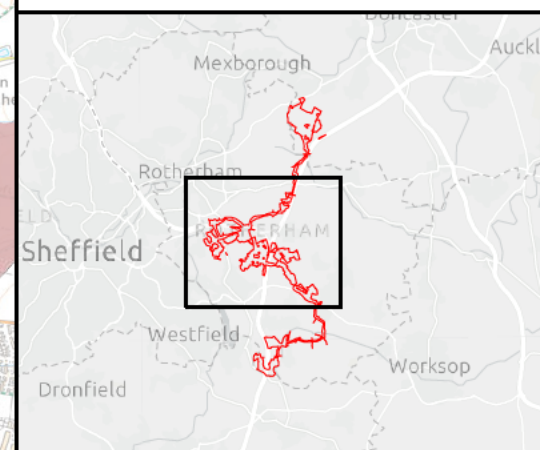
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PROJECTION: British National Grid



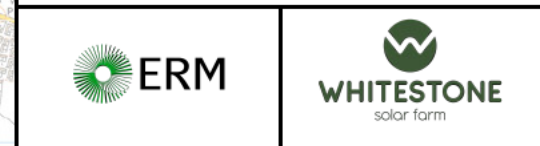
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- Coal Authority Search Order Limits
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- Alluvium-Clay, silt, sand and gravel
- Glaciofluvial deposits, Mid Pleistocene-Sand and gravel
- Till, Mid Pleistocene-Diamicton
- Head-Clay, silt, sand and gravel



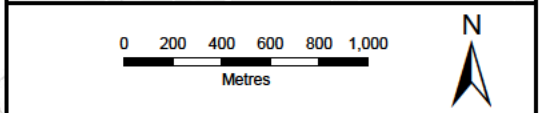
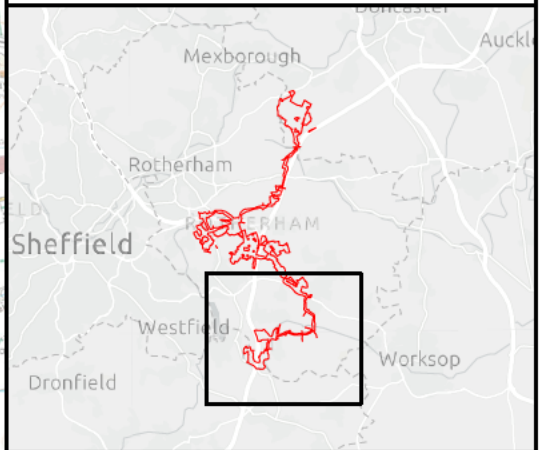
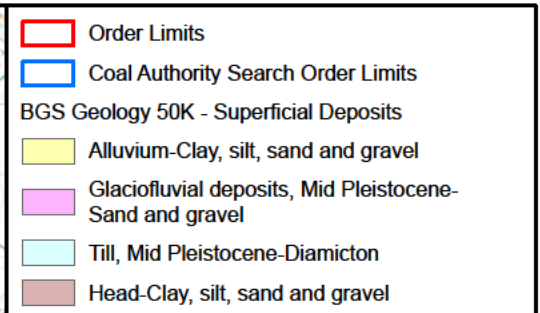
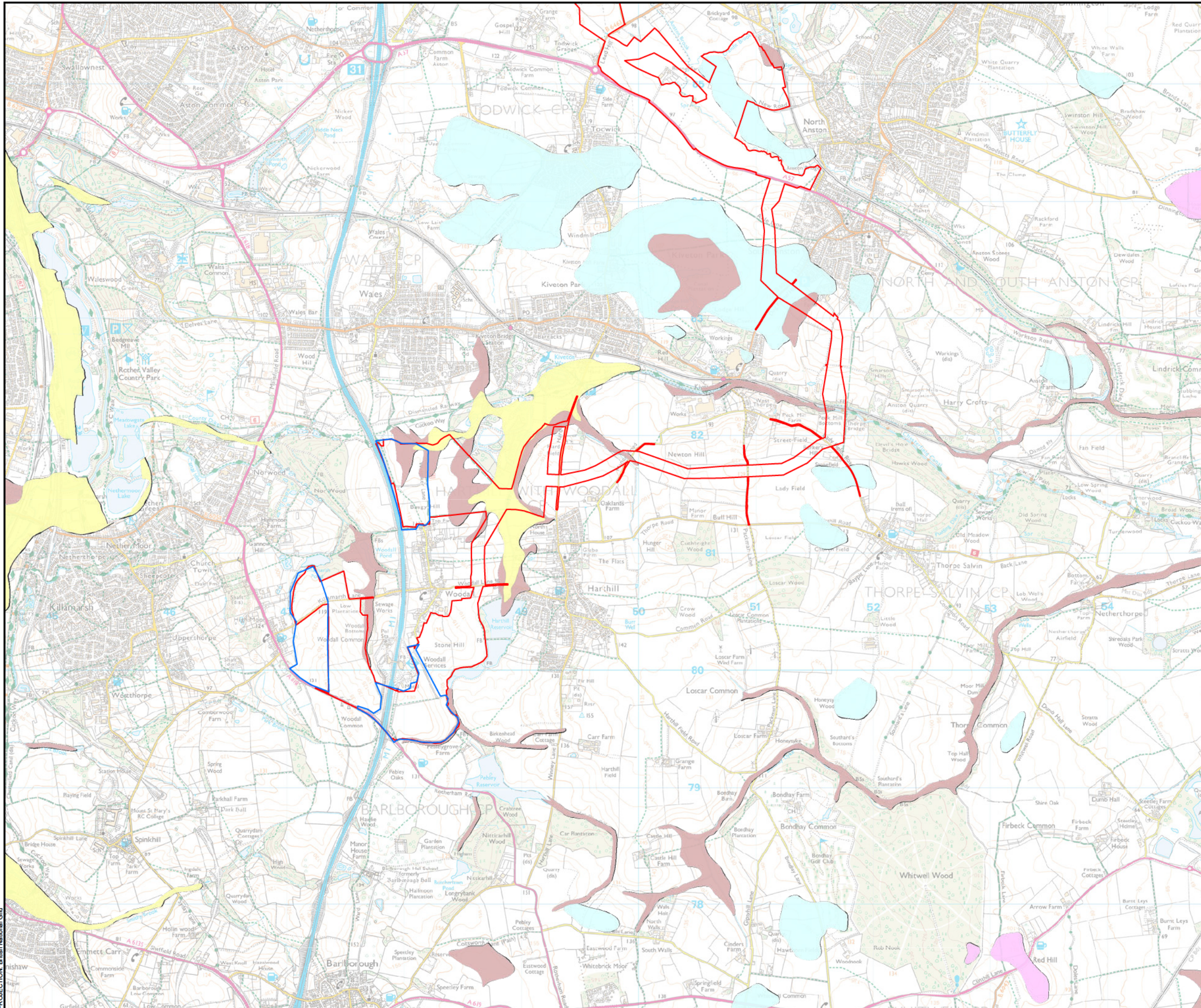
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Environmental Statement Volume 3  
Figure 9.10.1  
Superficial Geology  
Sheet 2 of 3**

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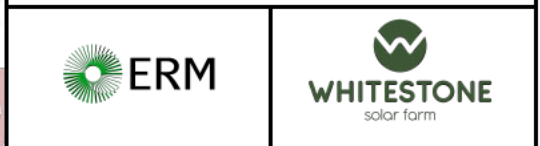
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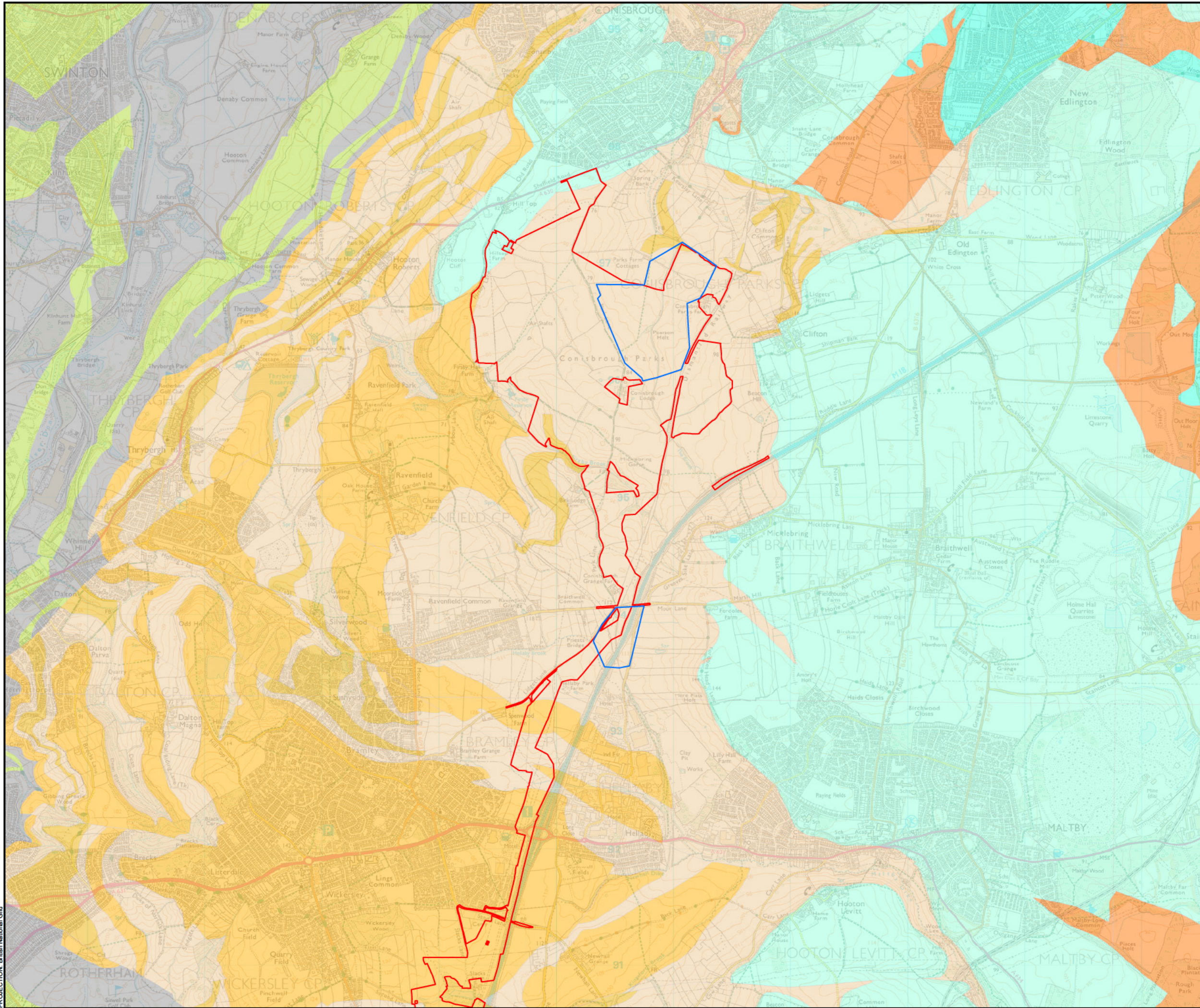
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DATE: 01/05/2026	APPROVED: AH

**Whitestone Solar Farm**  
**Environmental Statement Volume 3**  
**Figure 9.10.1**  
**Superficial Geology**  
**Sheet 3 of 3**

**Reference: EN0110020/APP/6.19**  
 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)



PROJECTION: British National Grid

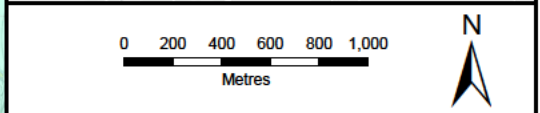
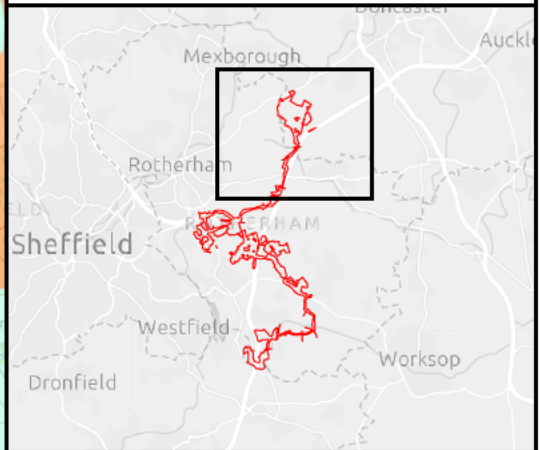


**Order Limits**

**Coal Authority Search Order Limits**

**BGS Geology 50K - Bedrock Deposits**

- Pennine Upper Coal Measures Formation-Mudstone, siltstone and sandstone
- Dalton Rock-Sandstone
- Ravenfield Rock-Sandstone
- Wickersley Rock-Sandstone
- Edlington Formation-Calcareous mudstone
- Cadeby Formation-Calcareous mudstone
- Yellow Sands Formation-Sandstone
- Cadeby Formation-Dolostone
- Brotherton Formation-Dolomitic limestone
- Oaks Rock-Sandstone
- Pennine Middle Coal Measures Formation-Sandstone
- Mexborough Rock-Sandstone
- Pennine Middle Coal Measures Formation-Mudstone, siltstone and sandstone

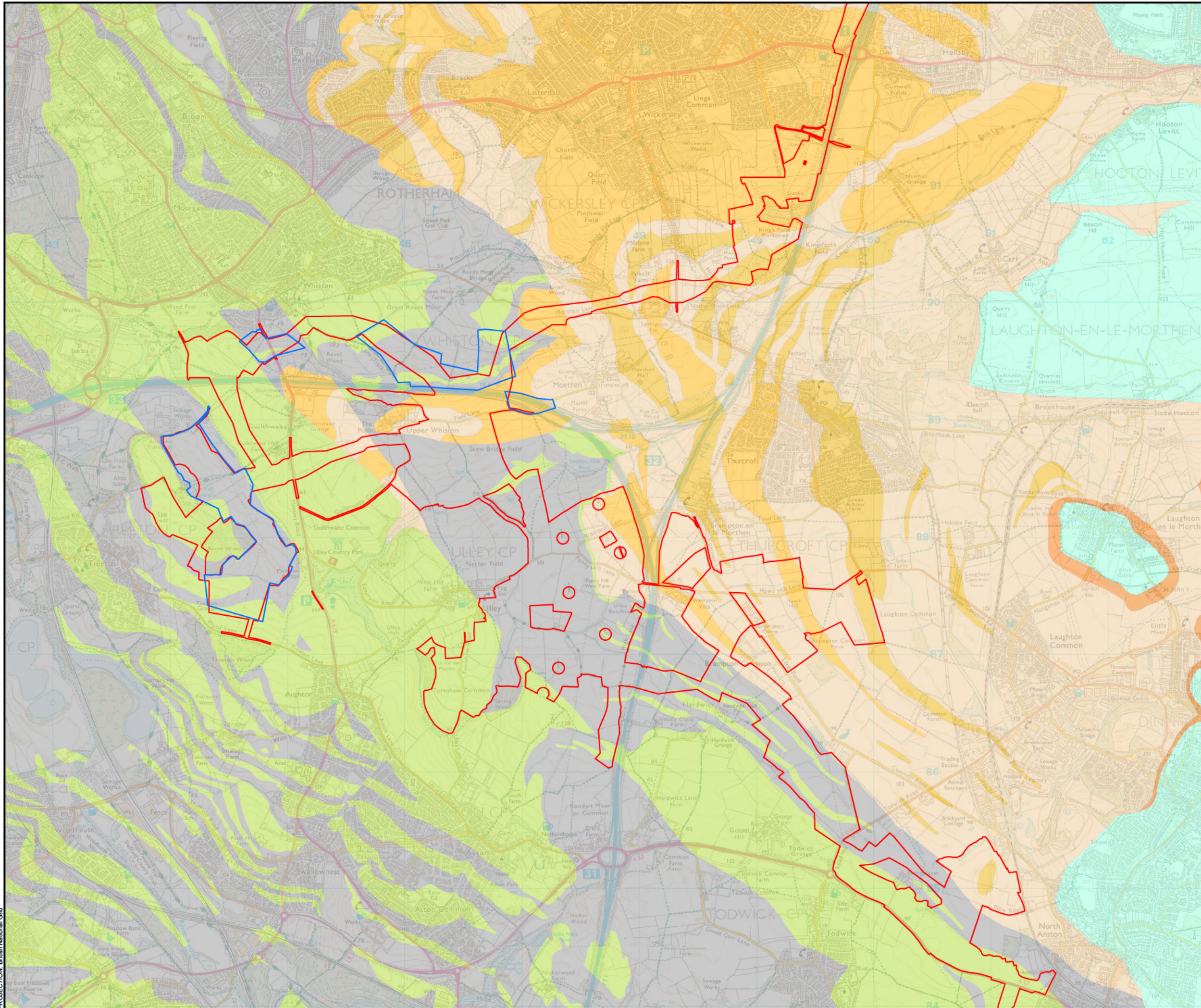


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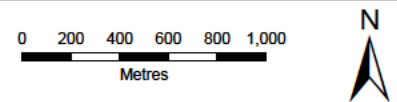
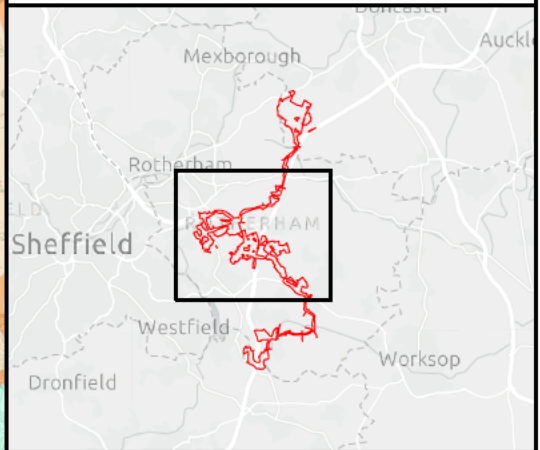
**Whitestone Solar Farm Environmental Statement Volume 3**  
**Figure 9.10.2**  
**Bedrock Geology**  
**Sheet 1 of 3**

**Reference: EN0110020/APP/6.19**  
 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)

PROJECTION: British National Grid



- Order Limits
- Coal Authority Search Order Limits
- BGS Geology 50K - Bedrock Deposits**
- Pennine Upper Coal Measures Formation-Mudstone, siltstone and sandstone
- Dalton Rock-Sandstone
- Ravenfield Rock-Sandstone
- Wickersley Rock-Sandstone
- Edlington Formation-Calcareous mudstone
- Cadeby Formation-Calcareous mudstone
- Yellow Sands Formation-Sandstone
- Cadeby Formation-Dolostone
- Brotherton Formation-Dolomitic limestone
- Oaks Rock-Sandstone
- Pennine Middle Coal Measures Formation-Sandstone
- Mexborough Rock-Sandstone
- Pennine Middle Coal Measures Formation-Mudstone, siltstone and sandstone



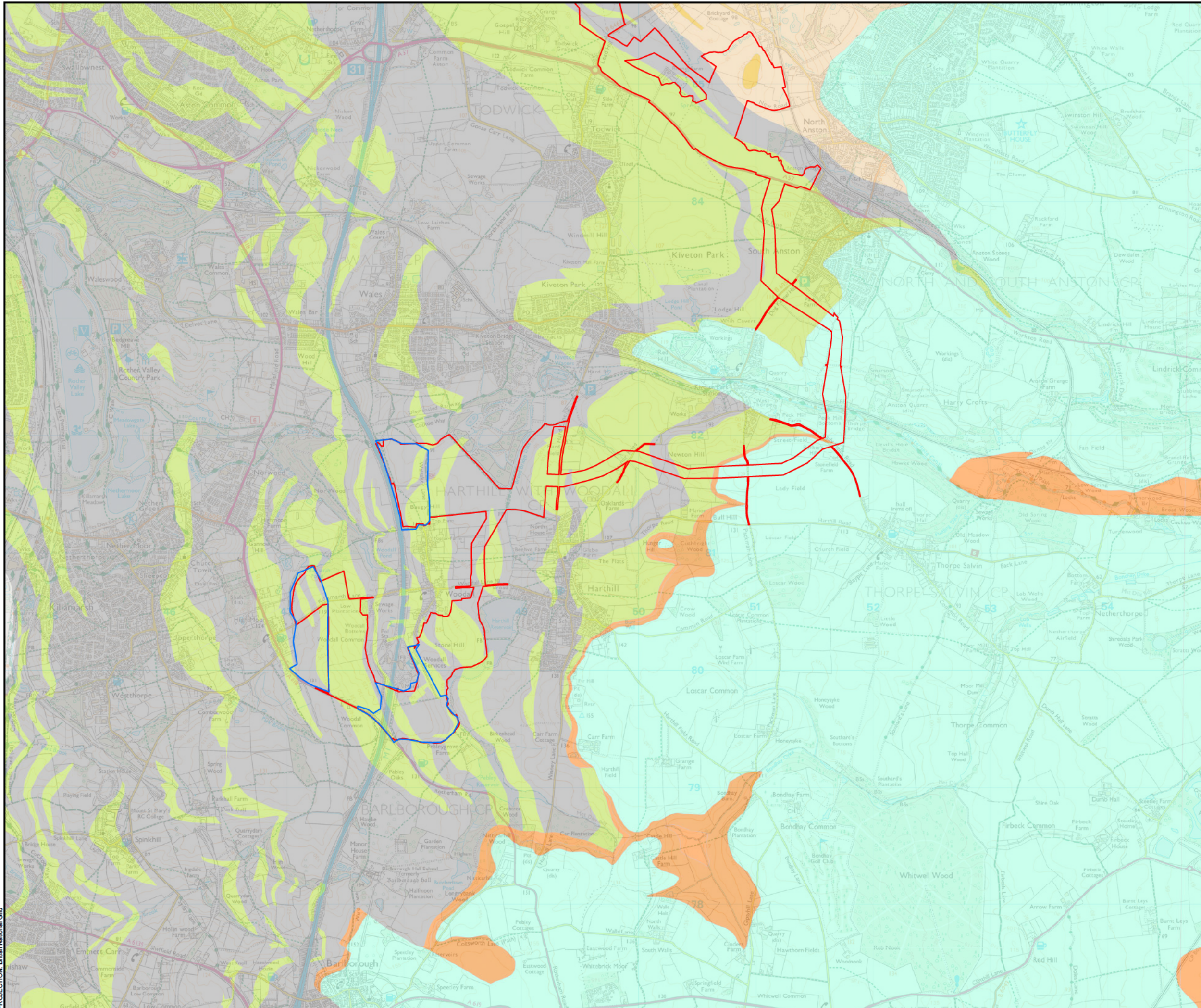
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**Whitestone Solar Farm  
Environmental Statement Volume 3  
Figure 9.10.2  
Bedrock Geology  
Sheet 2 of 3**

**Reference: EN0110020/APP/6.19**  
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)



PROJECTION: British National Grid

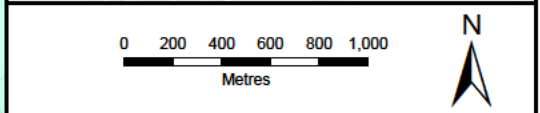
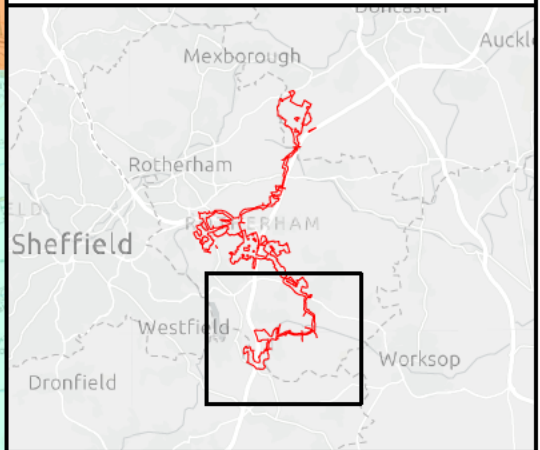


**Order Limits**

- Order Limits (Red outline)
- Coal Authority Search Order Limits (Blue outline)

**BGS Geology 50K - Bedrock Deposits**

- Pennine Upper Coal Measures Formation-Mudstone, siltstone and sandstone
- Dalton Rock-Sandstone
- Ravenfield Rock-Sandstone
- Wickersley Rock-Sandstone
- Edlington Formation-Calcareous mudstone
- Cadeby Formation-Calcareous mudstone
- Yellow Sands Formation-Sandstone
- Cadeby Formation-Dolostone
- Brotherton Formation-Dolomitic limestone
- Oaks Rock-Sandstone
- Pennine Middle Coal Measures Formation-Sandstone
- Mexborough Rock-Sandstone
- Pennine Middle Coal Measures Formation-Mudstone, siltstone and sandstone

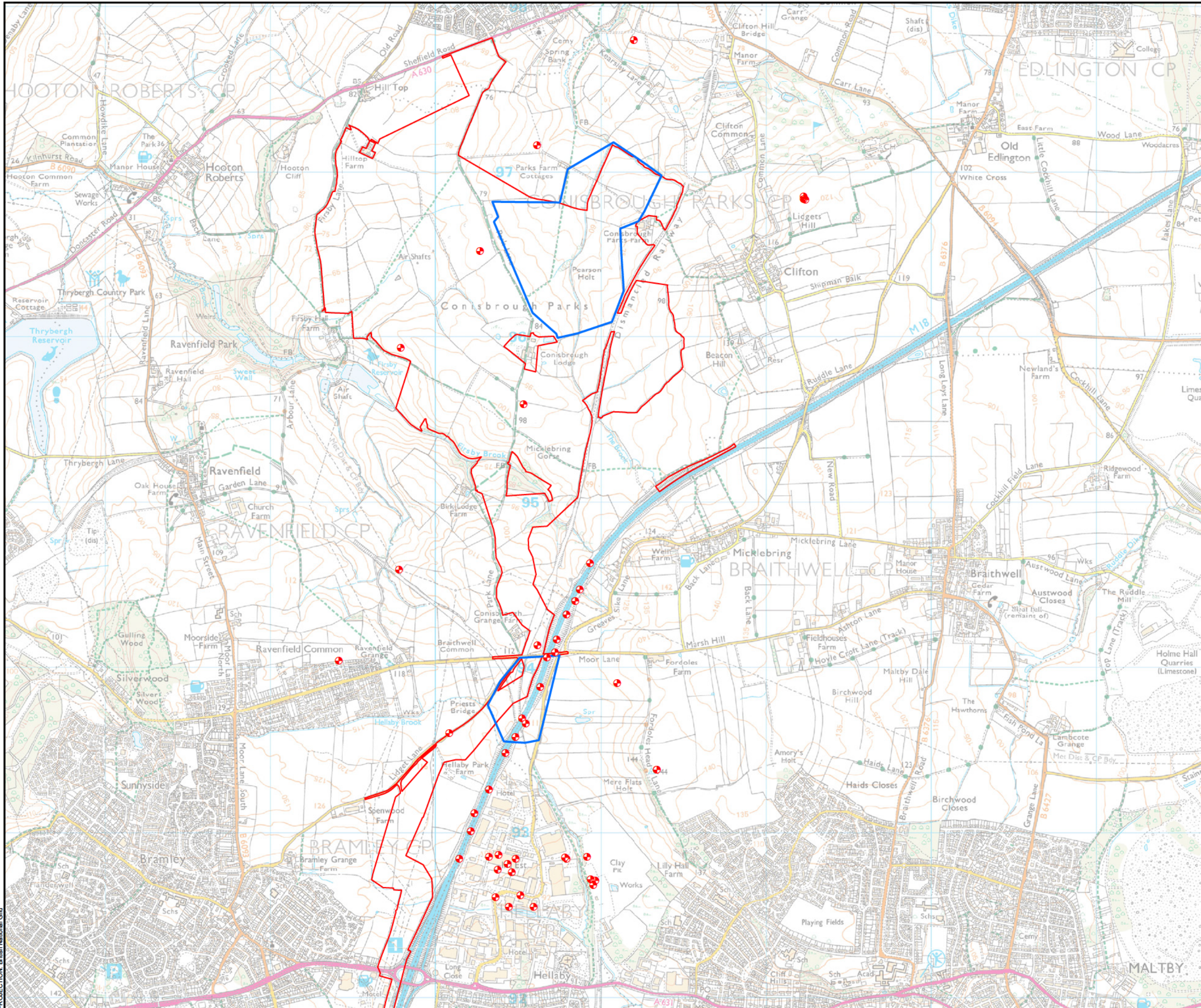


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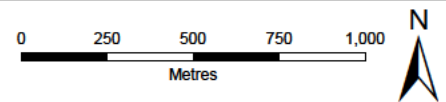
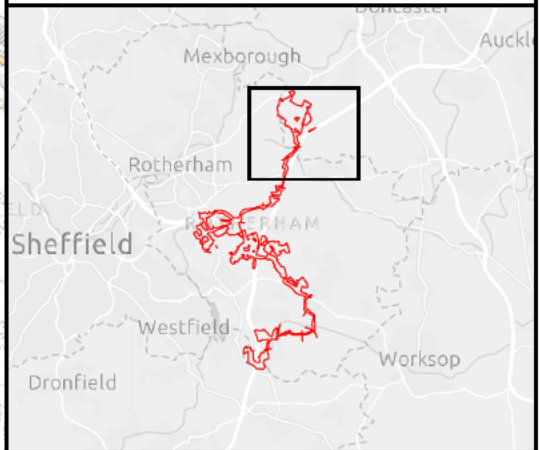
**Whitestone Solar Farm**  
**Environmental Statement Volume 3**  
**Figure 9.10.2**  
**Bedrock Geology**  
**Sheet 3 of 3**

**Reference: EN0110020/APP/6.19**  
 Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)

PROJECTION: British National Grid



- Order Limits
- Coal Authority Search Order Limits
- Boreholes within 1 km



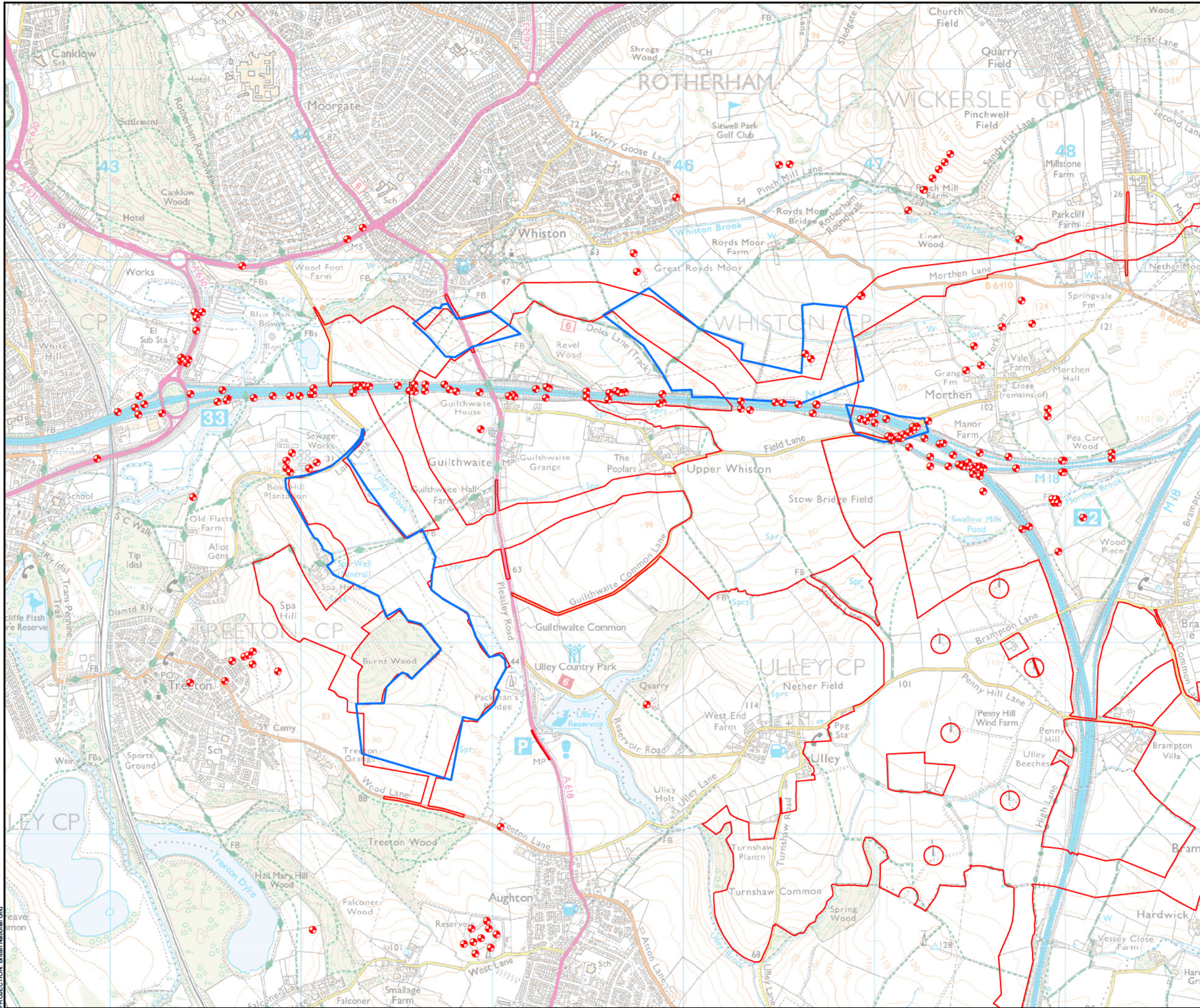
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DATE: 6/3/2026	APPROVED: AH

**Whitestone Solar Farm  
Environmental Statement Volume 3  
Figure 9.10.3  
Borehole Locations  
Sheet 1 of 3**

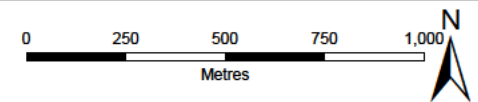
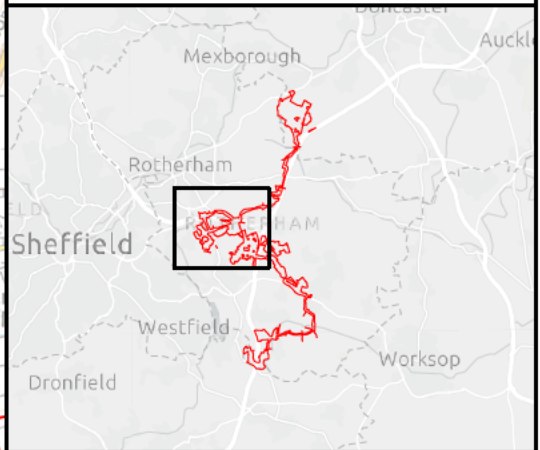
**Reference: EN0110020/APP/6.19**  
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)



PROJECTION: British National Grid



- Order Limits
- Coal Authority Search Order Limits
- Boreholes within 1 km



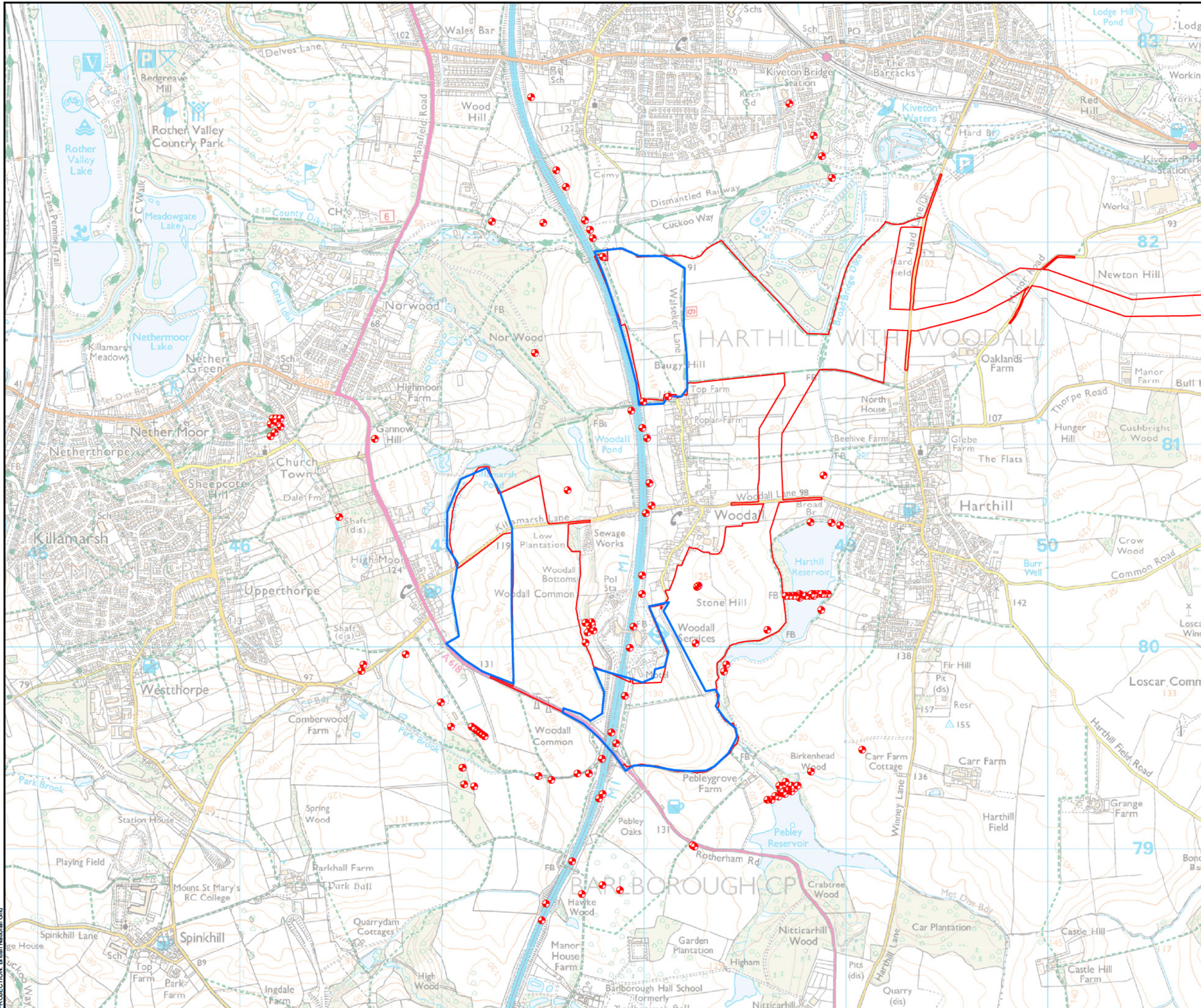
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DATE: 6/3/2026	APPROVED: AH

**Whitestone Solar Farm  
Environmental Statement Volume 3  
Figure 9.10.3  
Borehole Locations  
Sheet 2 of 3**

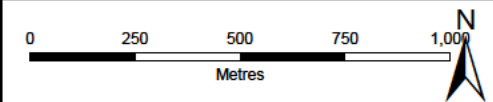
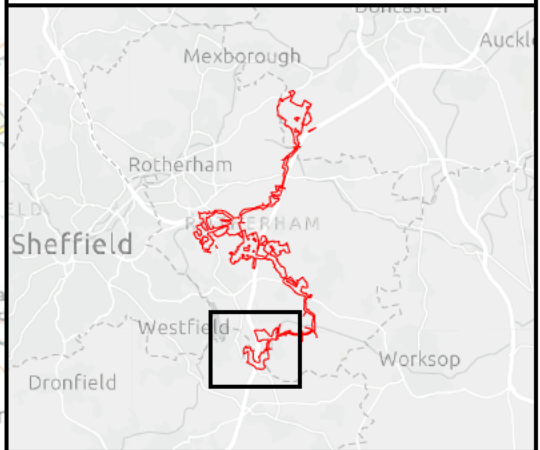
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Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)



PROJECTION: British National Grid



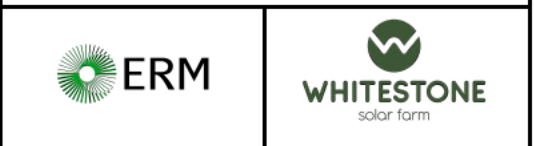
- Order Limits
- Coal Authority Search Order Limits
- + Boreholes within 1 km



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APPLICATION: EN0110020	CHECKED: JR
DATE: 6/3/2026	APPROVED: AH

**Whitestone Solar Farm  
Environmental Statement Volume 3  
Figure 9.10.3  
Borehole Locations  
Sheet 3 of 3**

**Reference: EN0110020/APP/6.19**  
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 - Regulations 5(2)(a)



PROJECTION: British National Grid



**WHITESTONE**  
solar farm

## Contact

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0800 688 9936