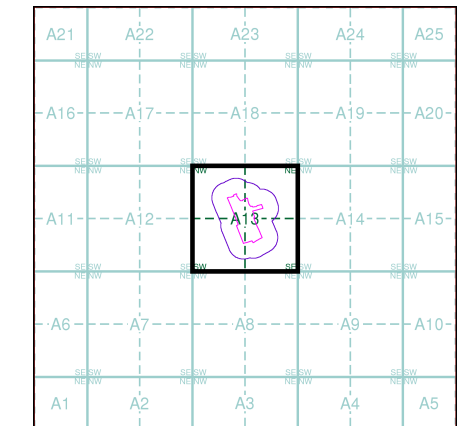


APPENDIX C

- (i) Envirocheck Report
- (ii) Coal Authority Report

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13

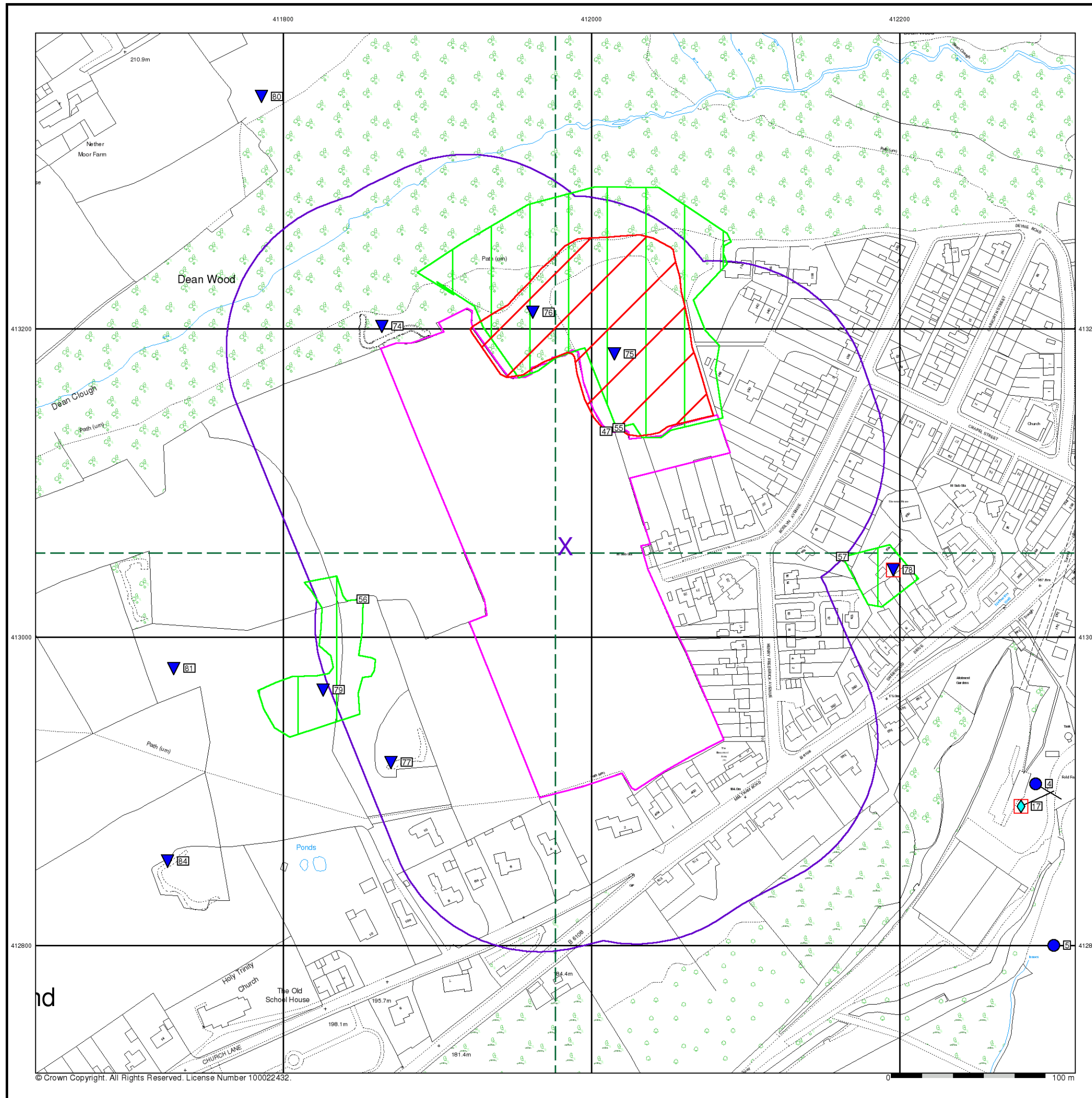


Order Details

Order Number: 87399786_1_1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Plot Buffer (m): 100

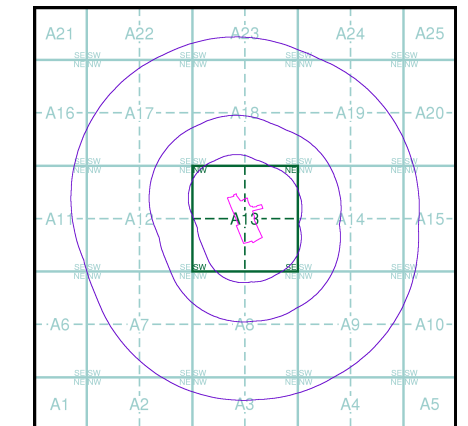
Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention and Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Non-water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Potentially Infilled Land (Water)
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Slice A

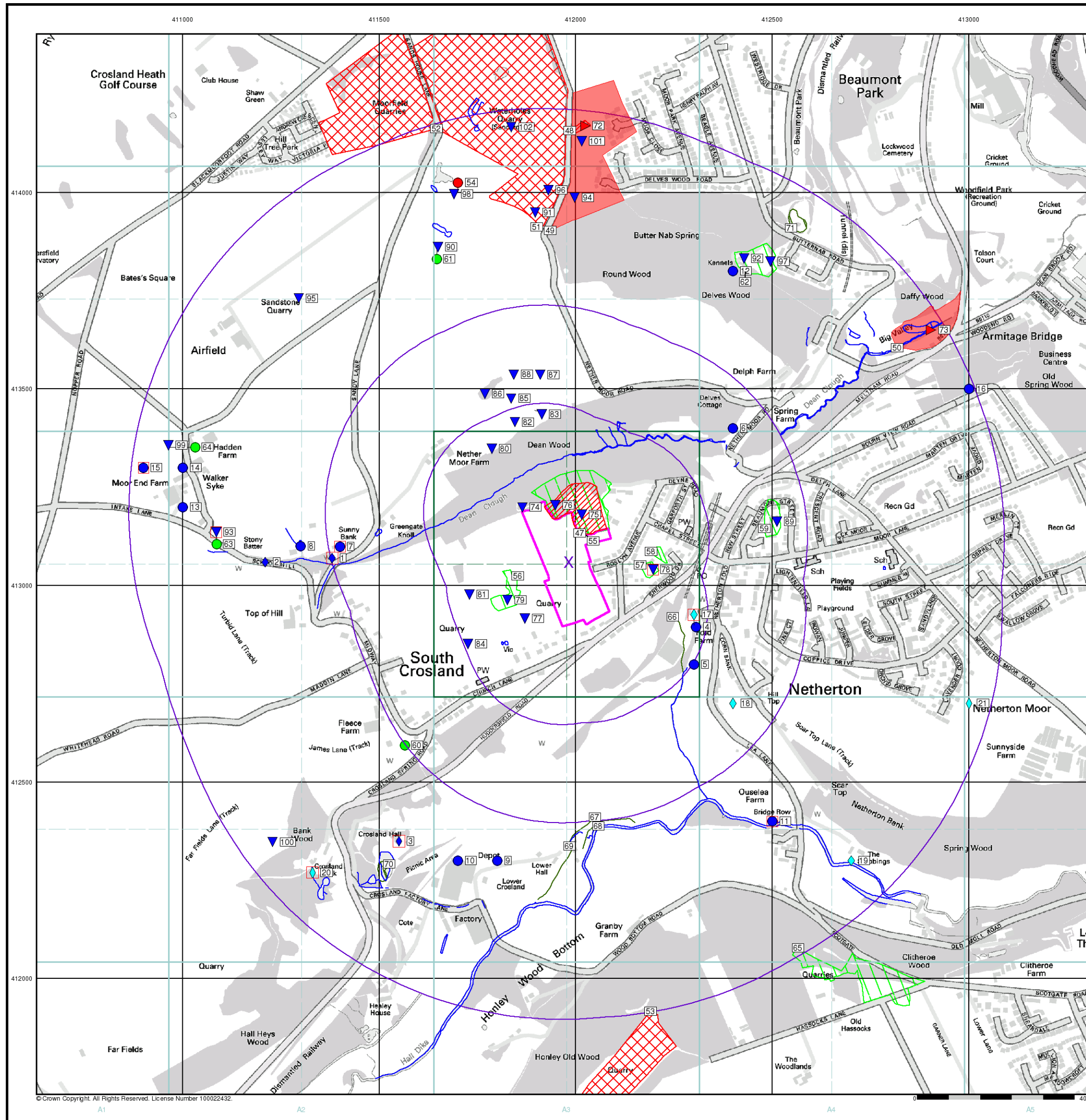


Order Details

Order Number: 87399786_1_1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW



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Industrial Land Use Map

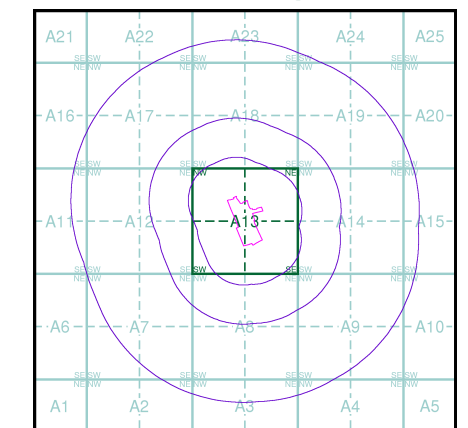
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A

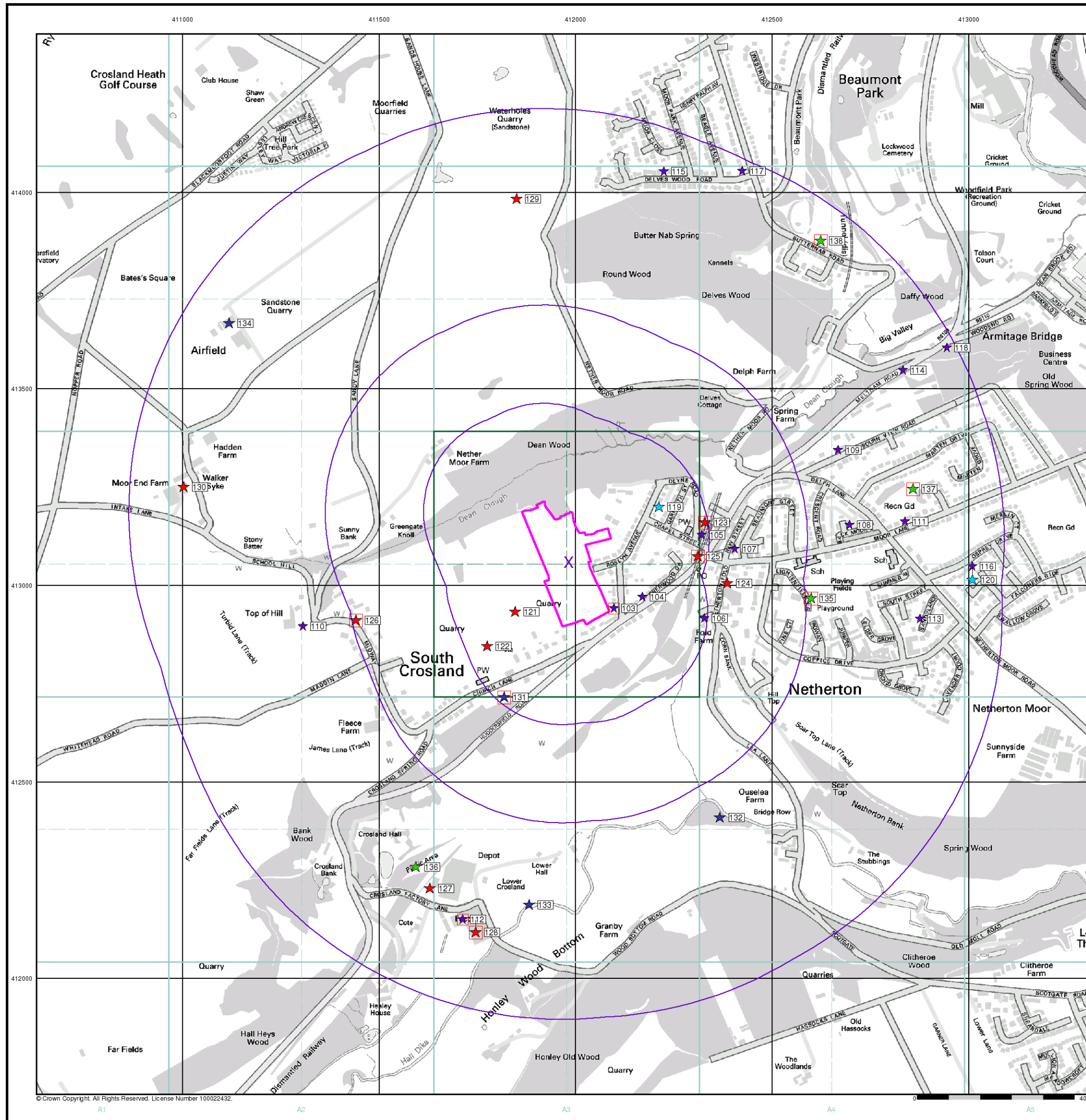


Order Details

Order Number: 87399786_1_1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000




Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW








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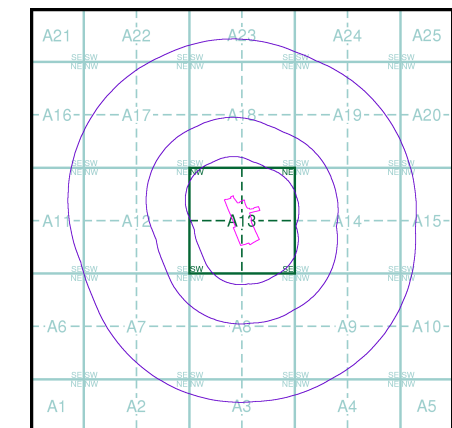
General

-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

Agency and Hydrological (Flood)

-  Extreme Flooding from Rivers or Sea without Defences (Zone 2)
-  Flooding from Rivers or Sea without Defences (Zone 3)
-  Area Benefiting from Flood Defence
-  Flood Water Storage Areas
-  Flood Defence

Flood Map - Slice A

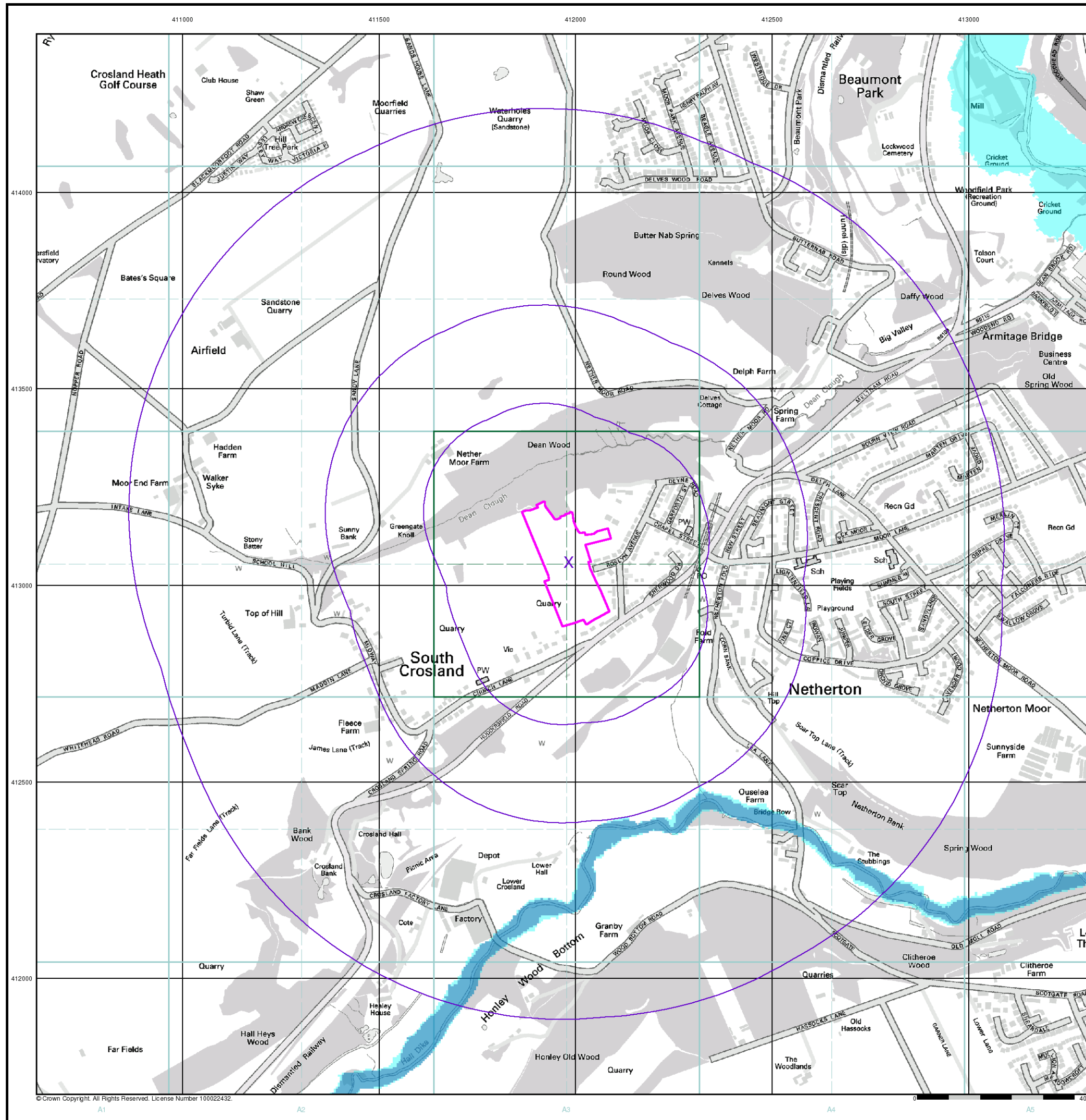


Order Details

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 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000






Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW








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General

-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point
-  Map ID
-  Several of Type at Location

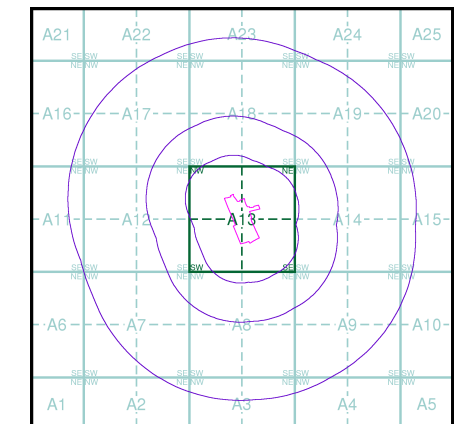
Agency and Hydrological (Boreholes)

-  BGS Borehole Depth 0 - 10m
-  BGS Borehole Depth 10 - 30m
-  BGS Borehole Depth 30m +
-  Confidential
-  Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A

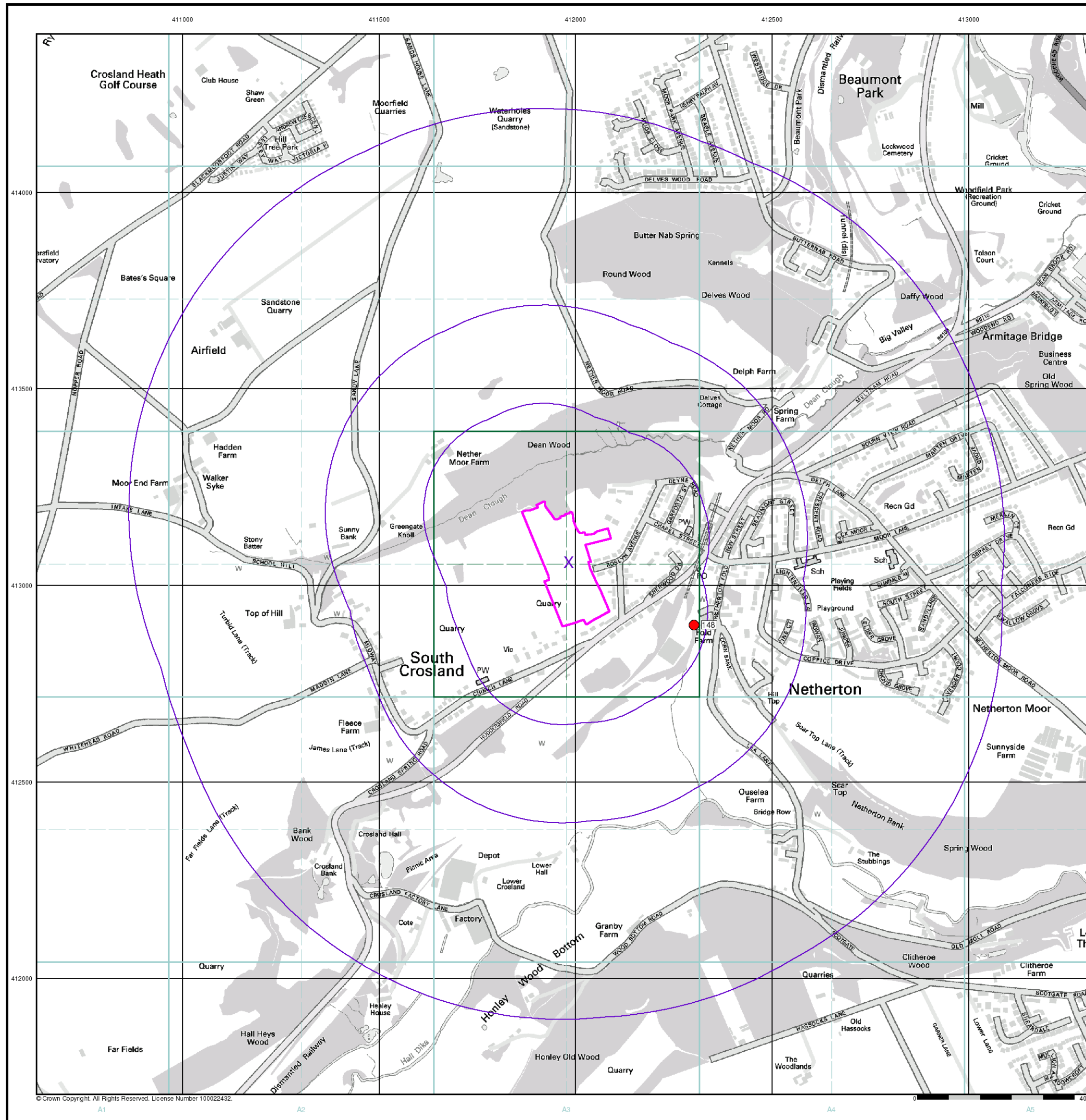


Order Details

Order Number: 87399786_1_1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW



General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID

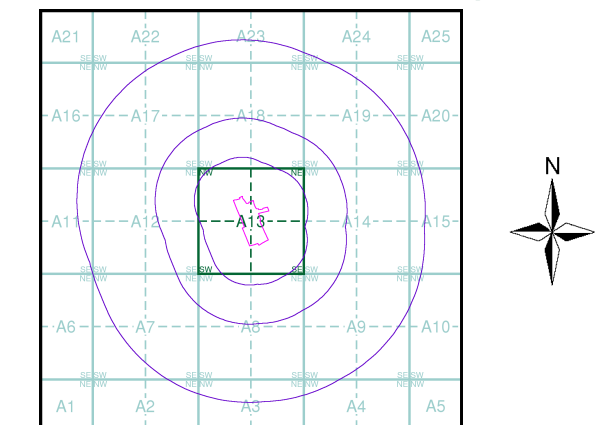
Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature

Contours (height in metres)

- Standard Contour 105
- Master Contour 100
- Spot Height *167.3
- MLW Mean Low Water
- MHW Mean High Water

E/ANRW Detailed River Network Map - Slice A

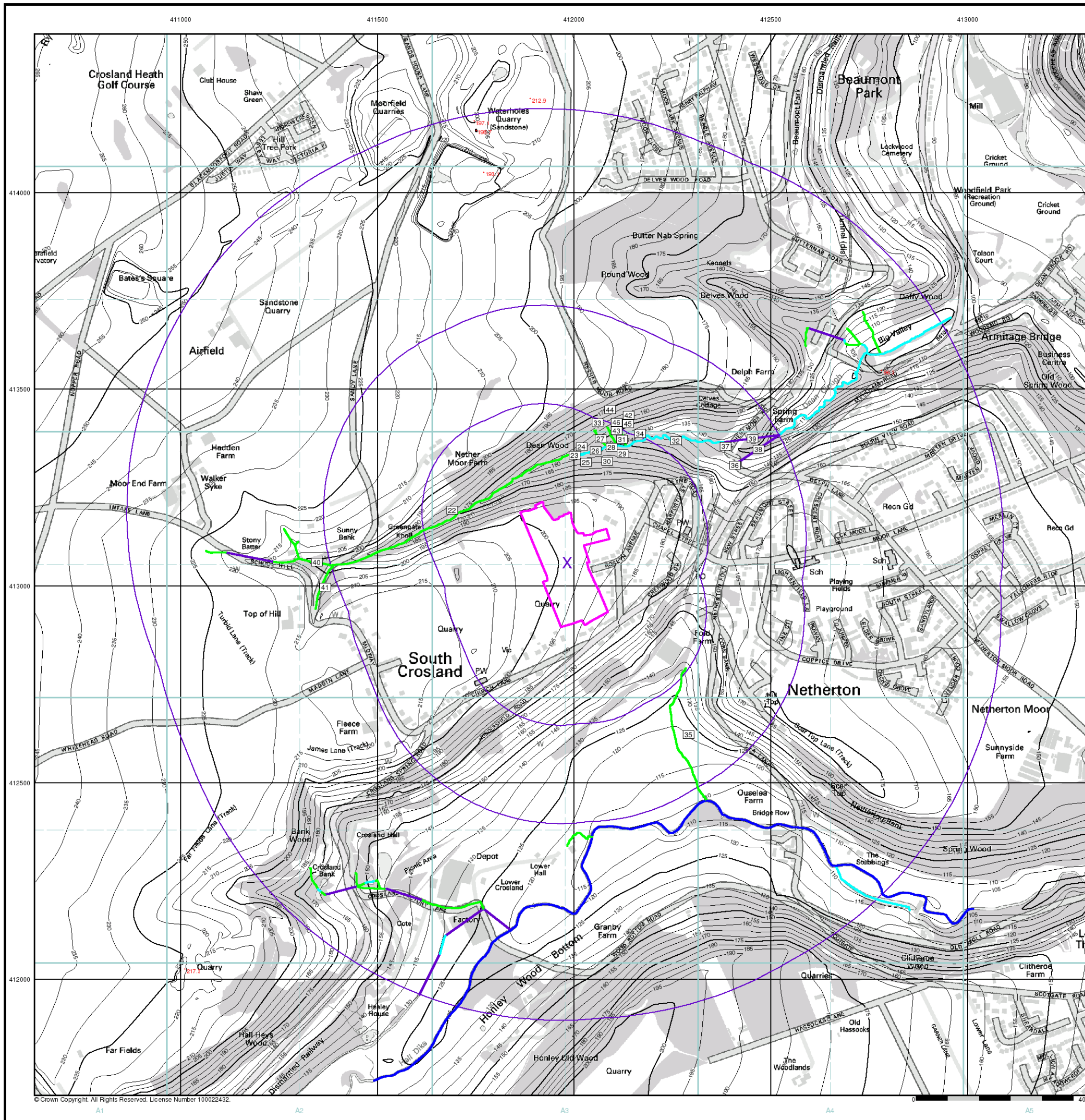


Order Details

Order Number: 87399786_1_1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW



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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Risk of Flooding from Surface Water

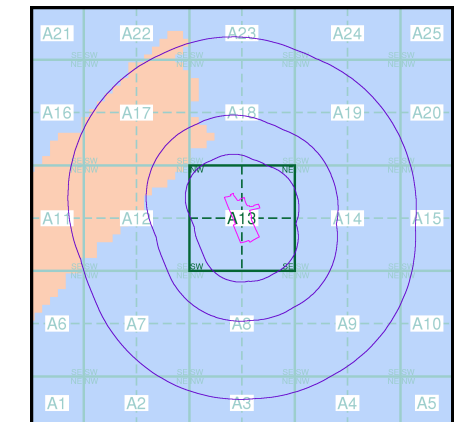
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EANRW Suitability Map - Slice A

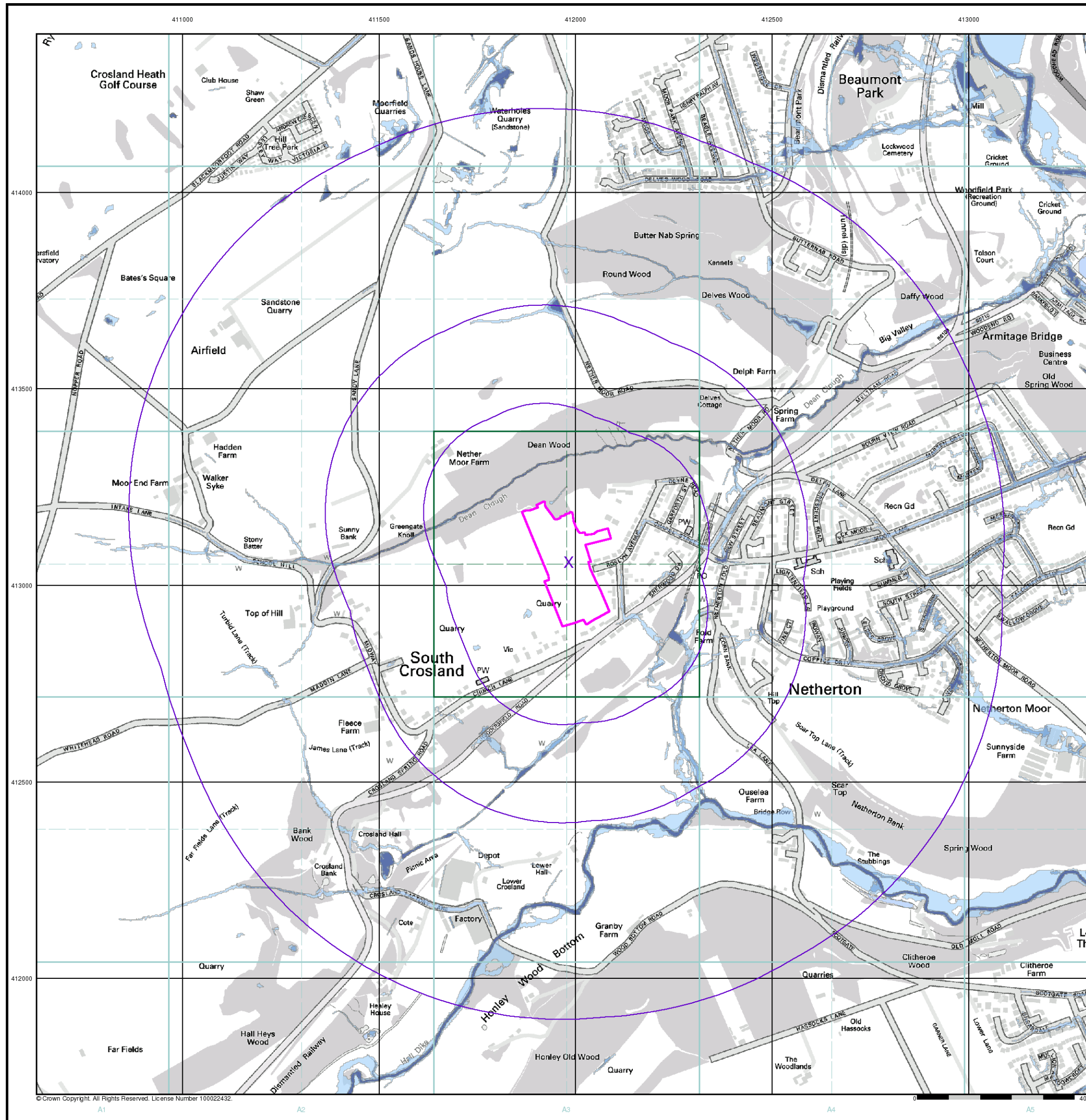


Order Details

Order Number: 87399786_1_1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW



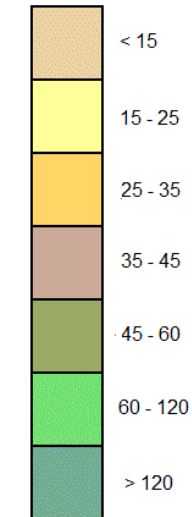
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General

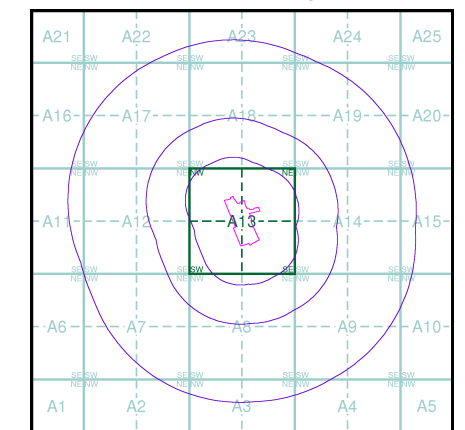
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

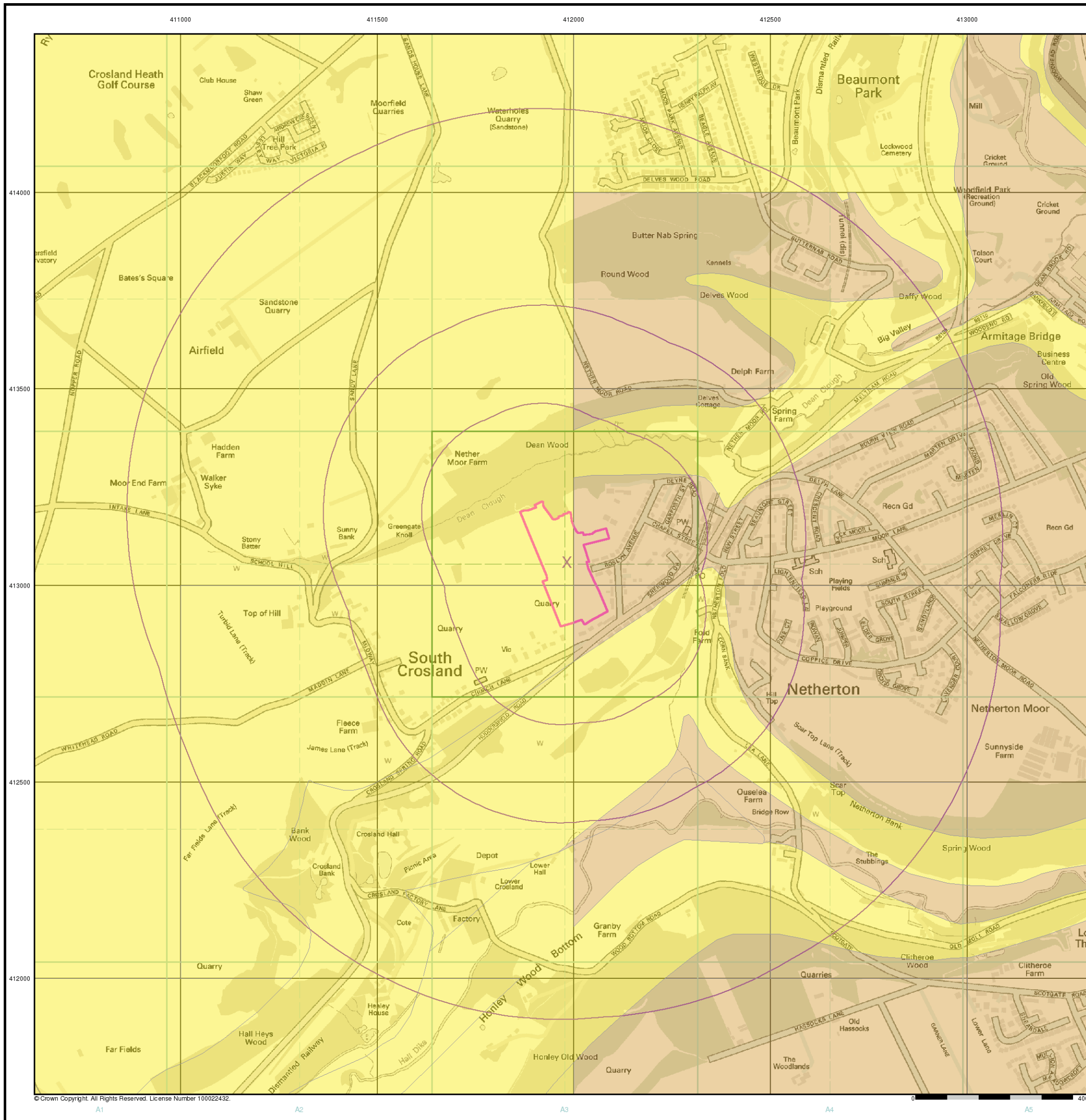


Order Details

Order Details: 87399786_1_1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW



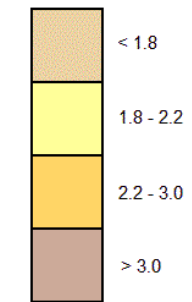
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General

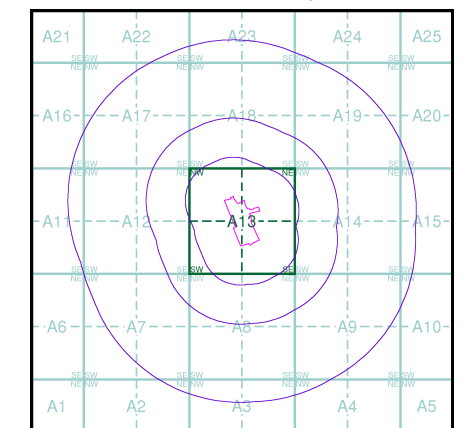
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

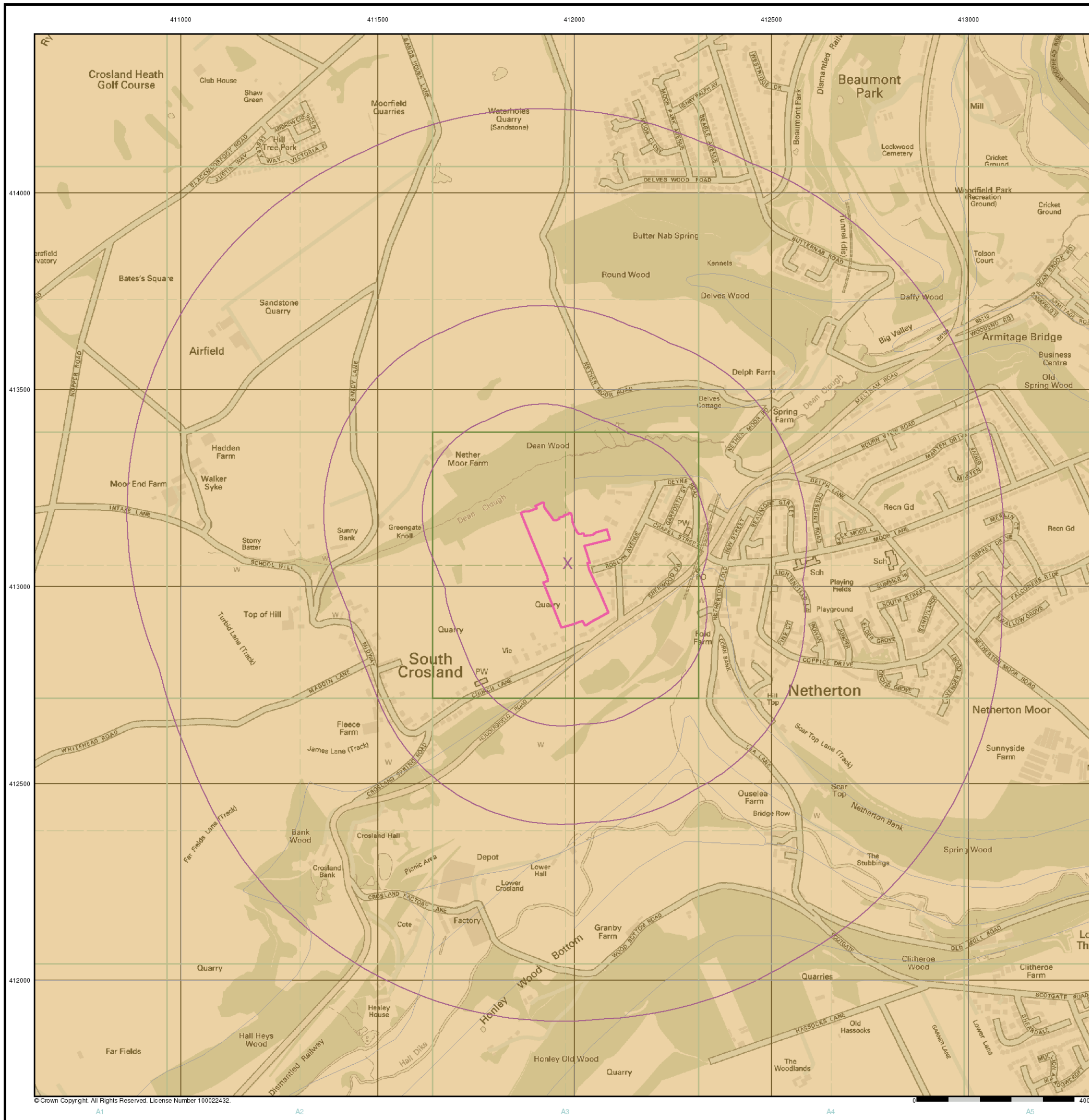


Order Details

Order Details: 87399786_1_1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW



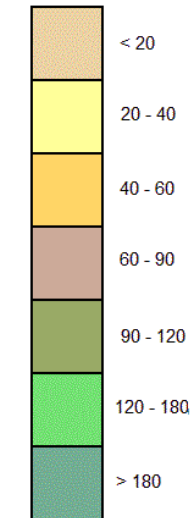
© Crown Copyright. All Rights Reserved. License Number 100022432.

General

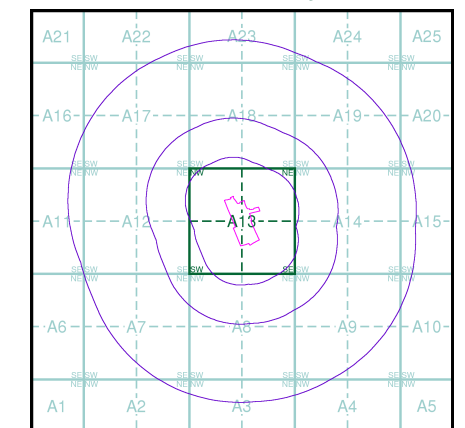
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

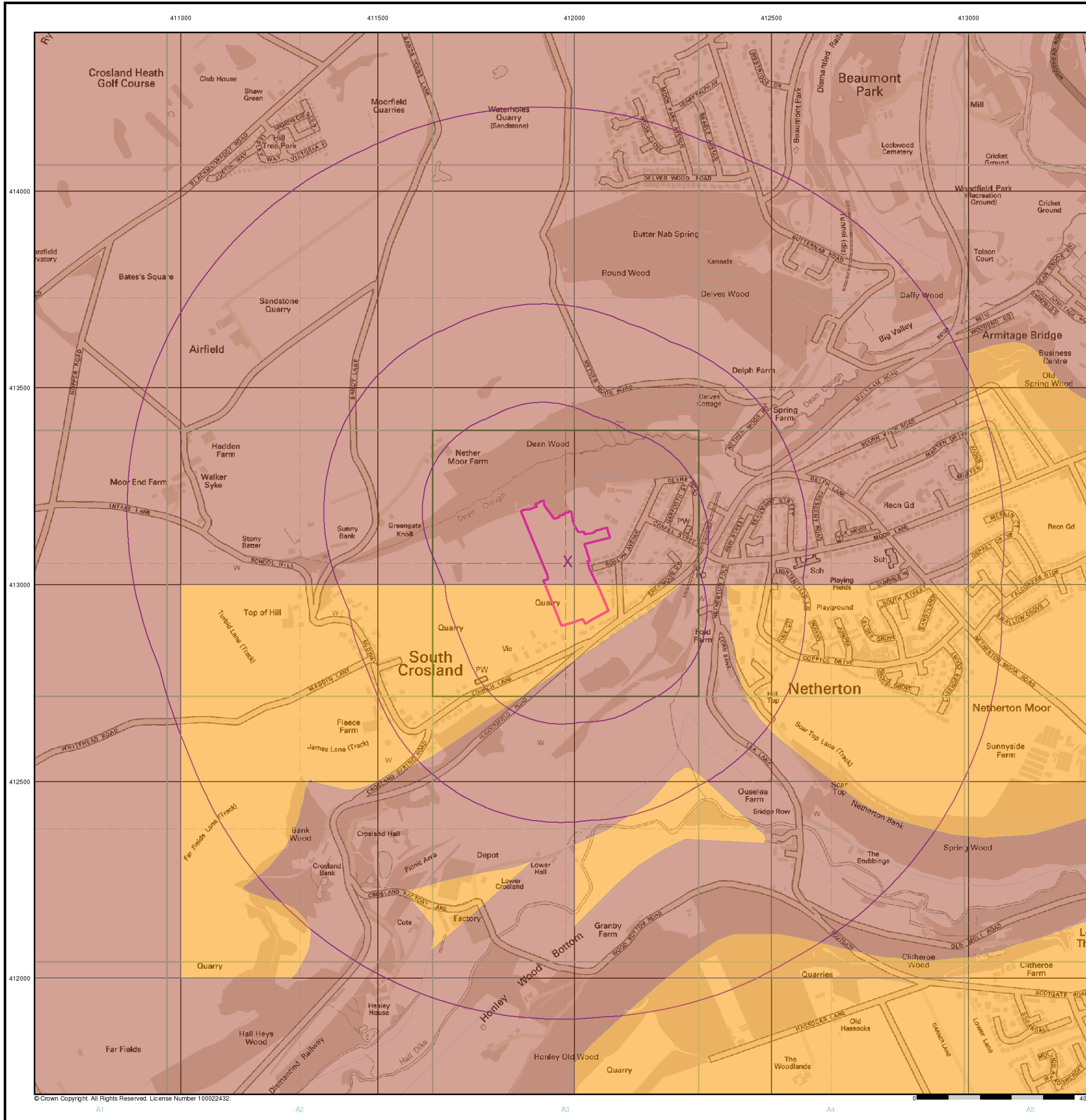


Order Details

Order Details: 87399786_1_1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW



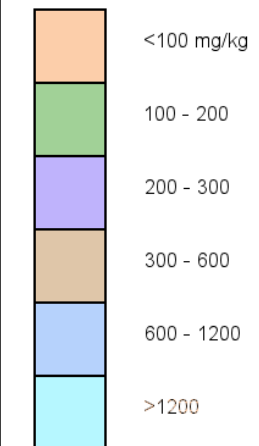
© Crown Copyright. All Rights Reserved. License Number 100022432.

General

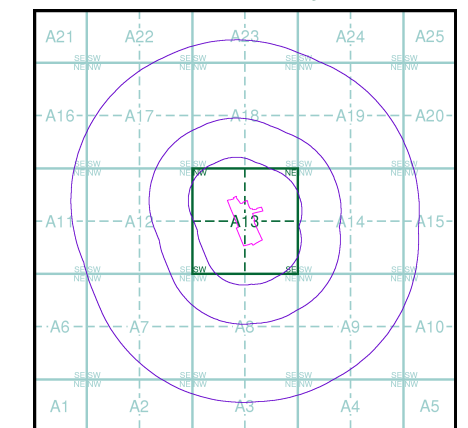
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

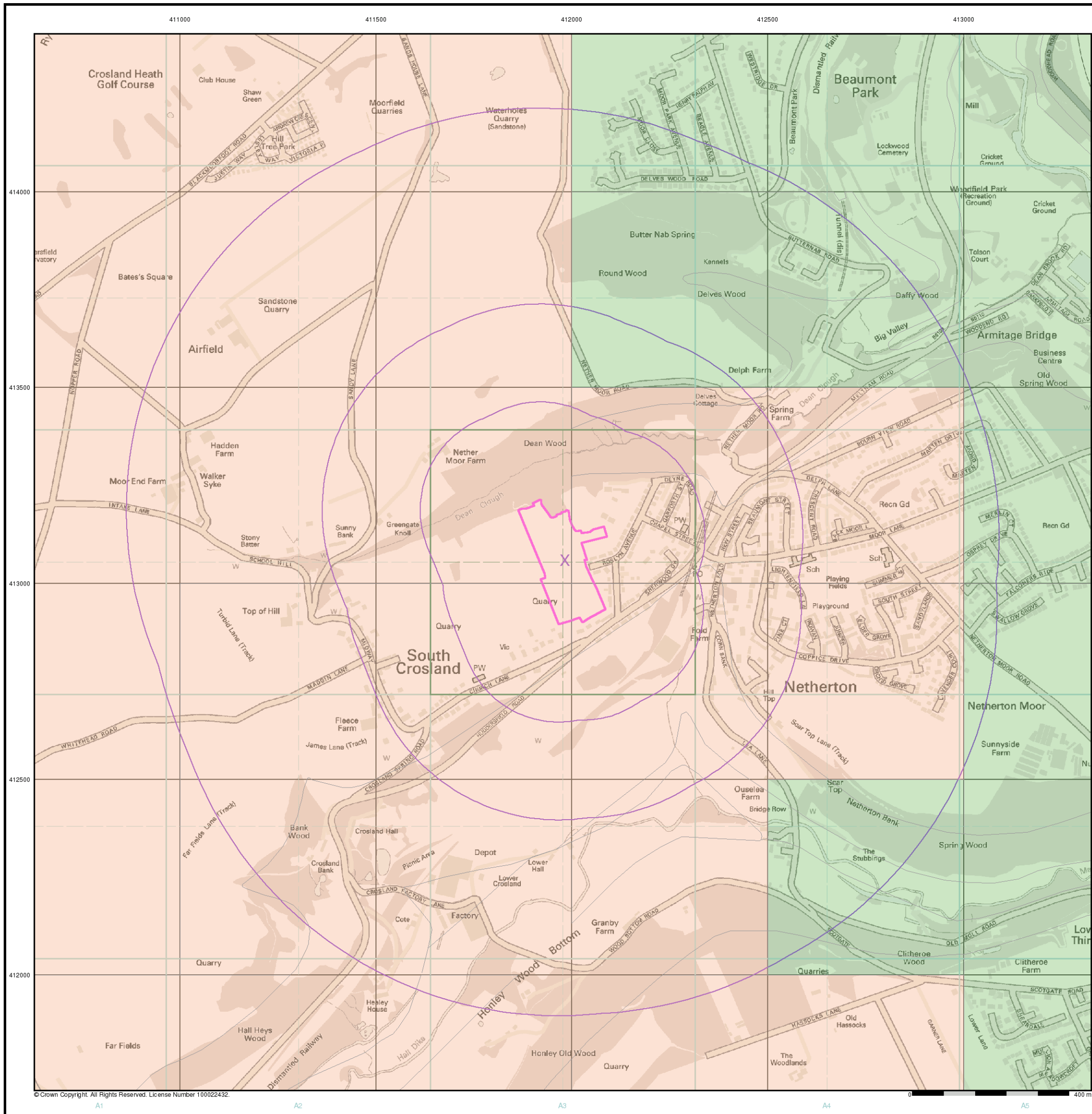


Order Details

Order Details: 87399786_1_1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW



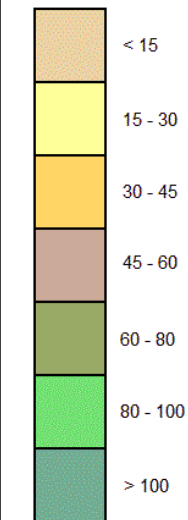
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General

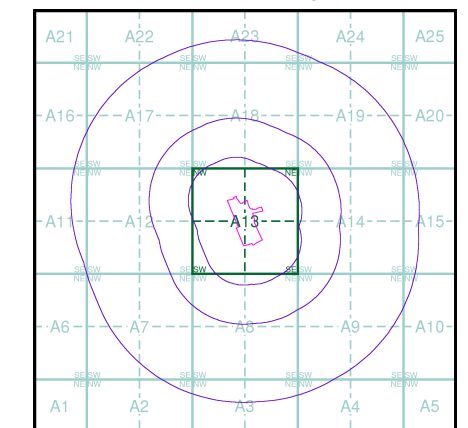
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A

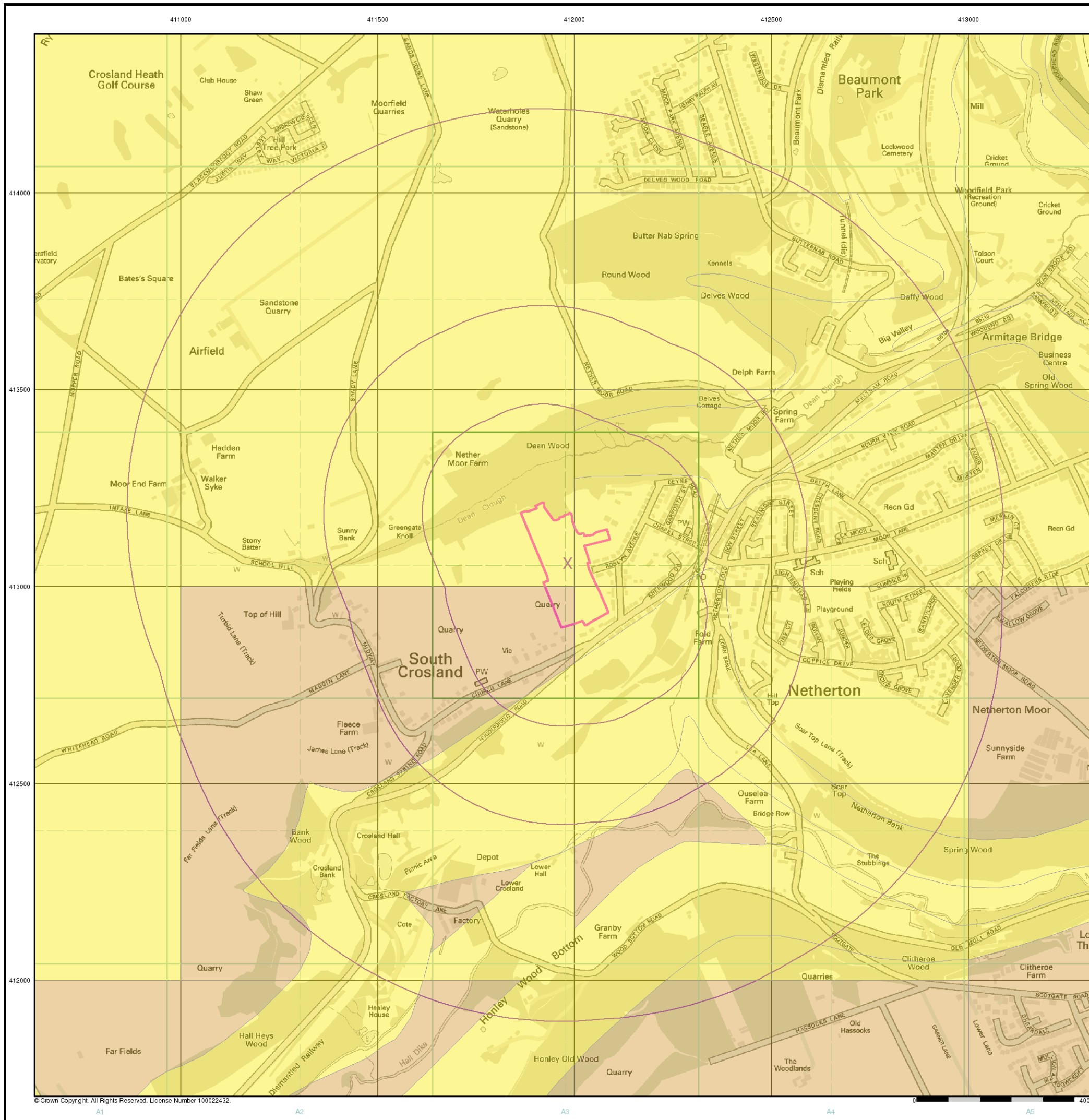


Order Details

Order Details: 87399786_1_1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

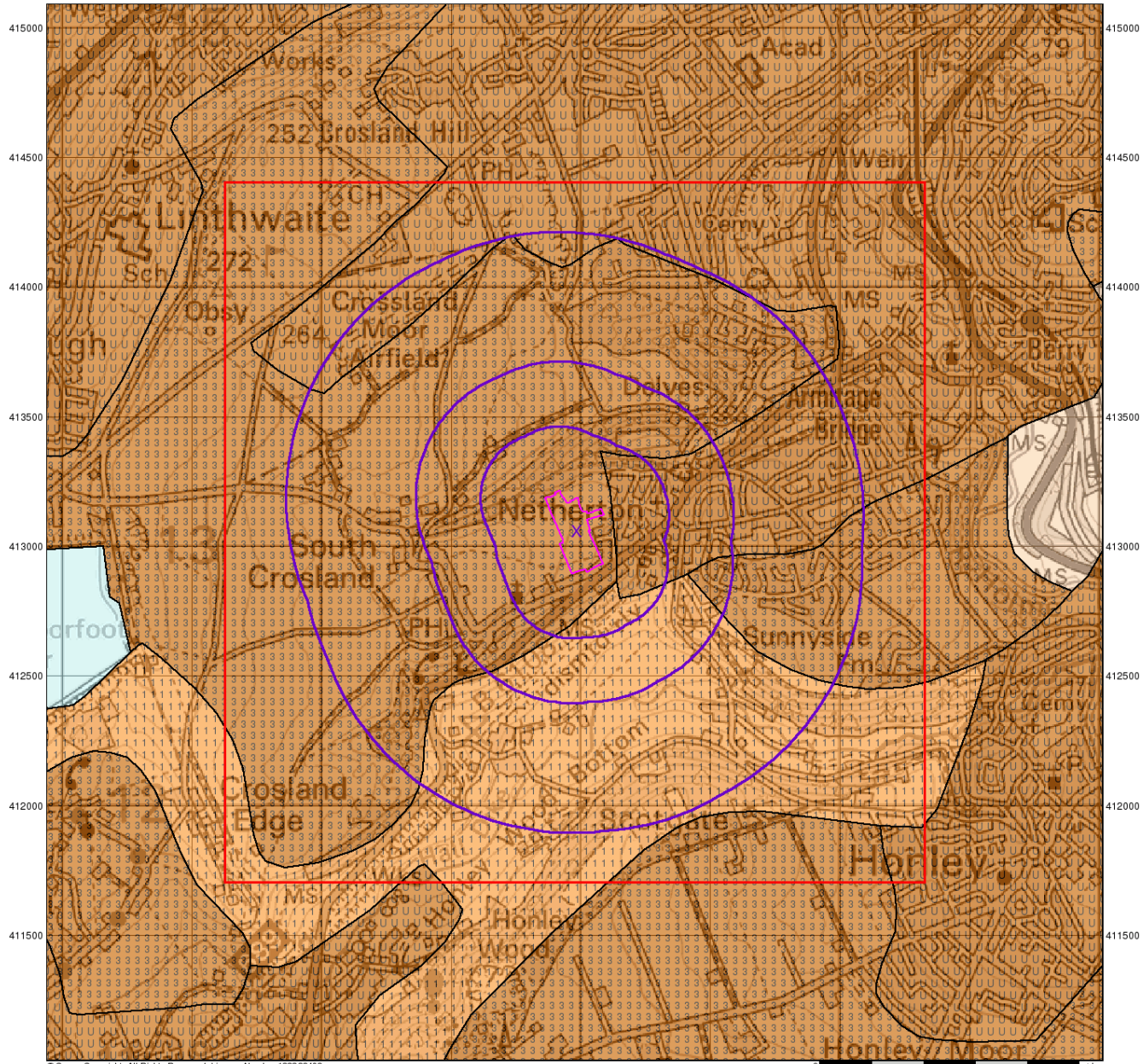
Site Details

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410000 410500 411000 411500 412000 412500 413000 413500 414000



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0 1 km



Groundwater Vulnerability

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

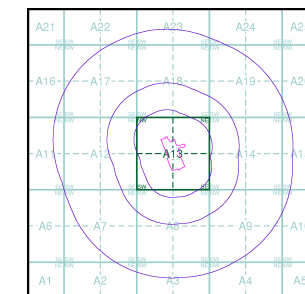
Agency and Hydrological

Geological Classes

- Major Aquifer (Highly Permeable)**
 - High (H) 1, 2, 3, U
 - Intermediate (I) 1, 2
 - Low
- Minor Aquifer (Variably Permeable)**
 - High (H) 1, 2, 3, U
 - Intermediate (I) 1, 2
 - Low
- Non Aquifer (Negligibly Permeable)**
 -
- Water or Sea**
 -
- Drift Deposit**
 -

Soil Classes

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 87399786_1.1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

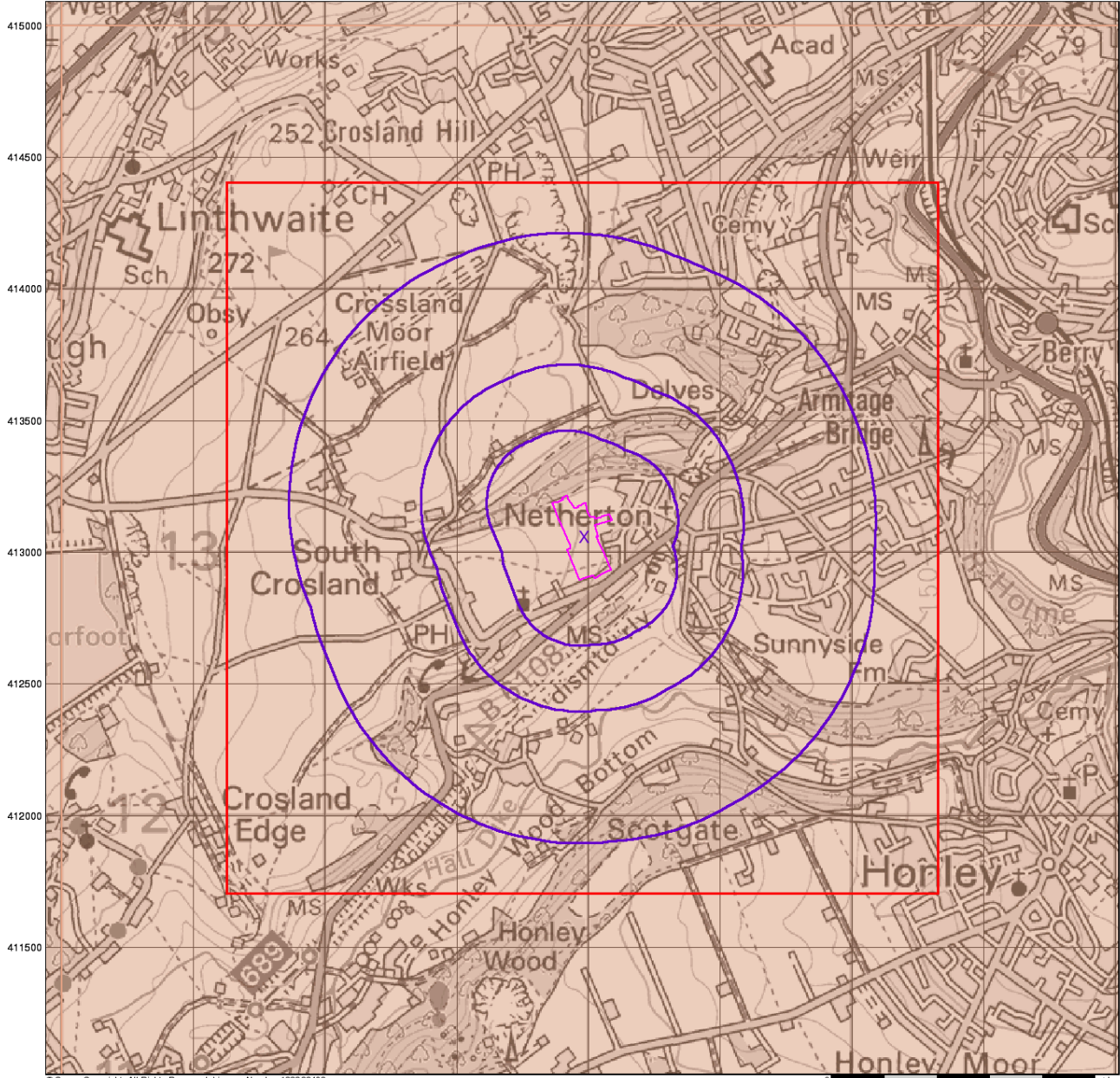
Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

41000 41050 41100 41150 41200 41250 41300 41350 41400



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Bedrock Aquifer Designation

General

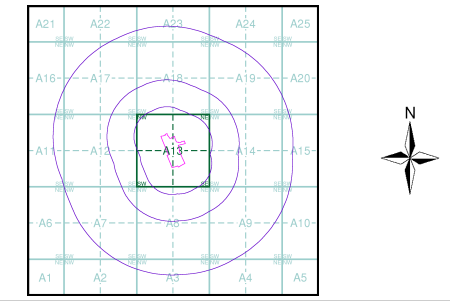
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 87399786_1.1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

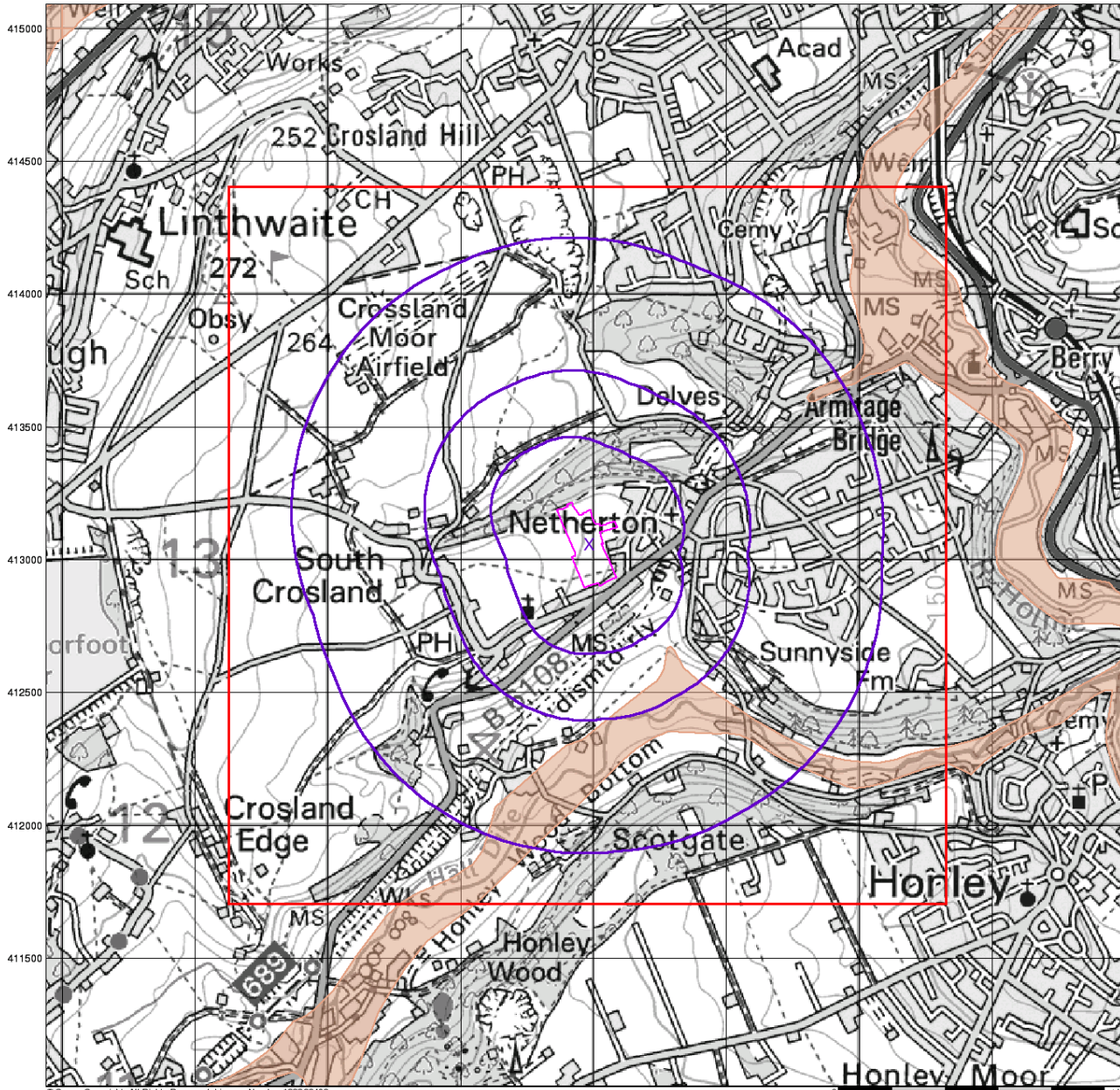
Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

410000 410500 411000 411500 412000 412500 413000 413500 414000



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Superficial Aquifer Designation

General

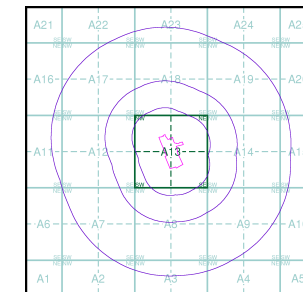
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 87399786_1.1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

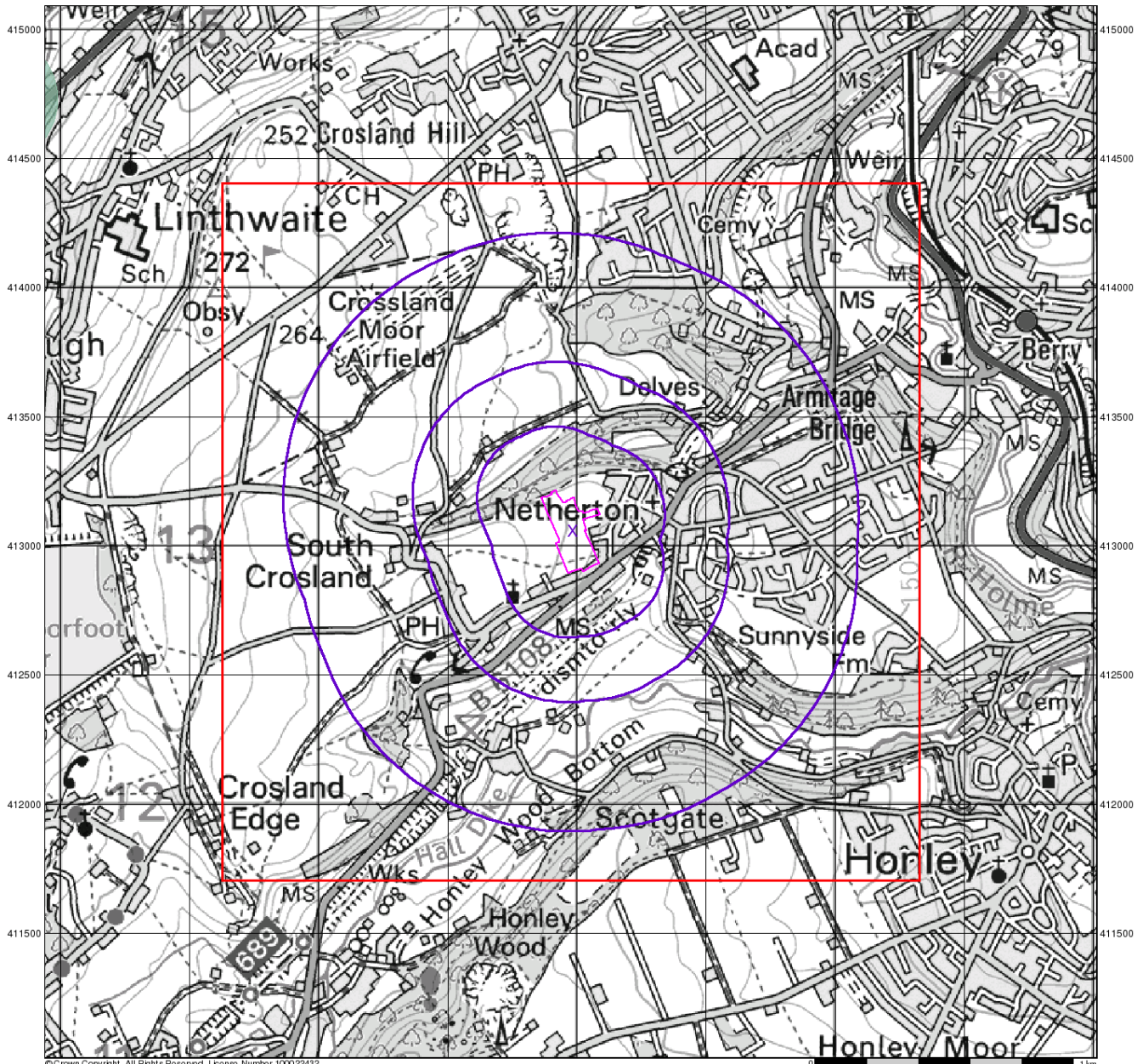
Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

410000 410500 411000 411500 412000 412500 413000 413500 414000



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Source Protection Zones

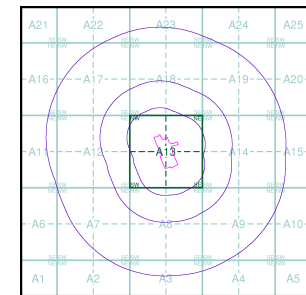
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 87399786_1_1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

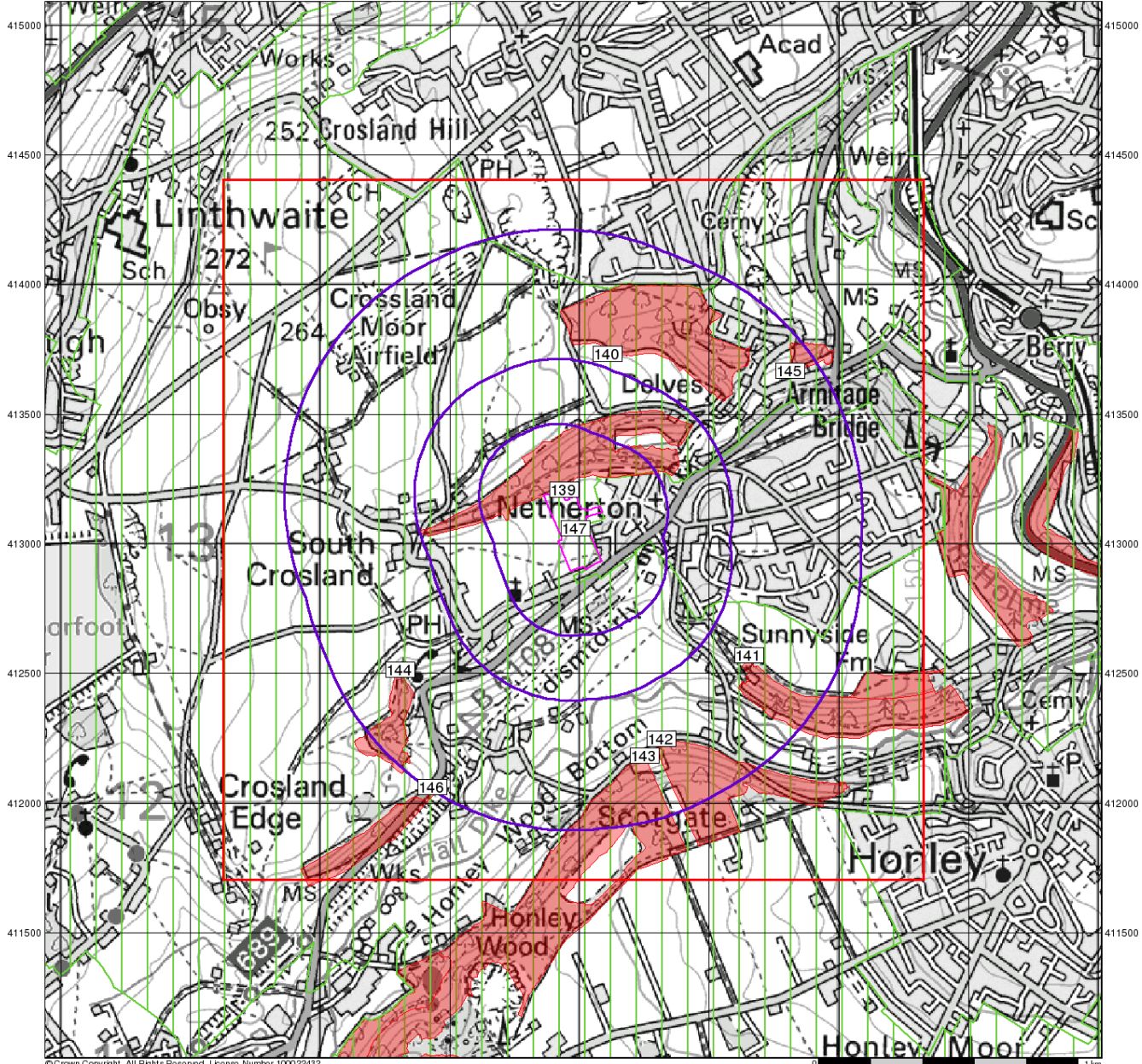
Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW



Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

410000 410500 411000 411500 412000 412500 413000 413500 414000



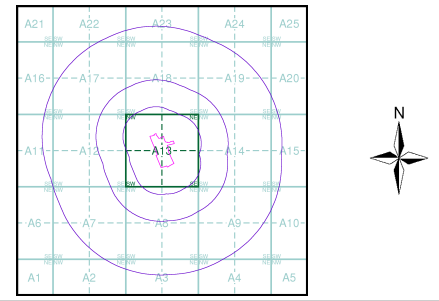
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Sensitive Land Uses

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Slice
 - Map ID
- Sensitive Land Uses**
- Ancient Woodland
 - Area of Adopted Green Belt
 - Area of Unadopted Green Belt
 - Area of Outstanding Natural Beauty
 - Environmentally Sensitive Area
 - Forest Park
 - Local Nature Reserve
 - Marine Nature Reserve
 - National Nature Reserve
 - National Park
 - Nitrate Sensitive Area
 - Nitrate Vulnerable Zone
 - Ramsar Site
 - Site of Special Scientific Interest
 - Special Area of Conservation
 - Special Protection Area
 - World Heritage Sites

Site Sensitivity Context Map - Slice A



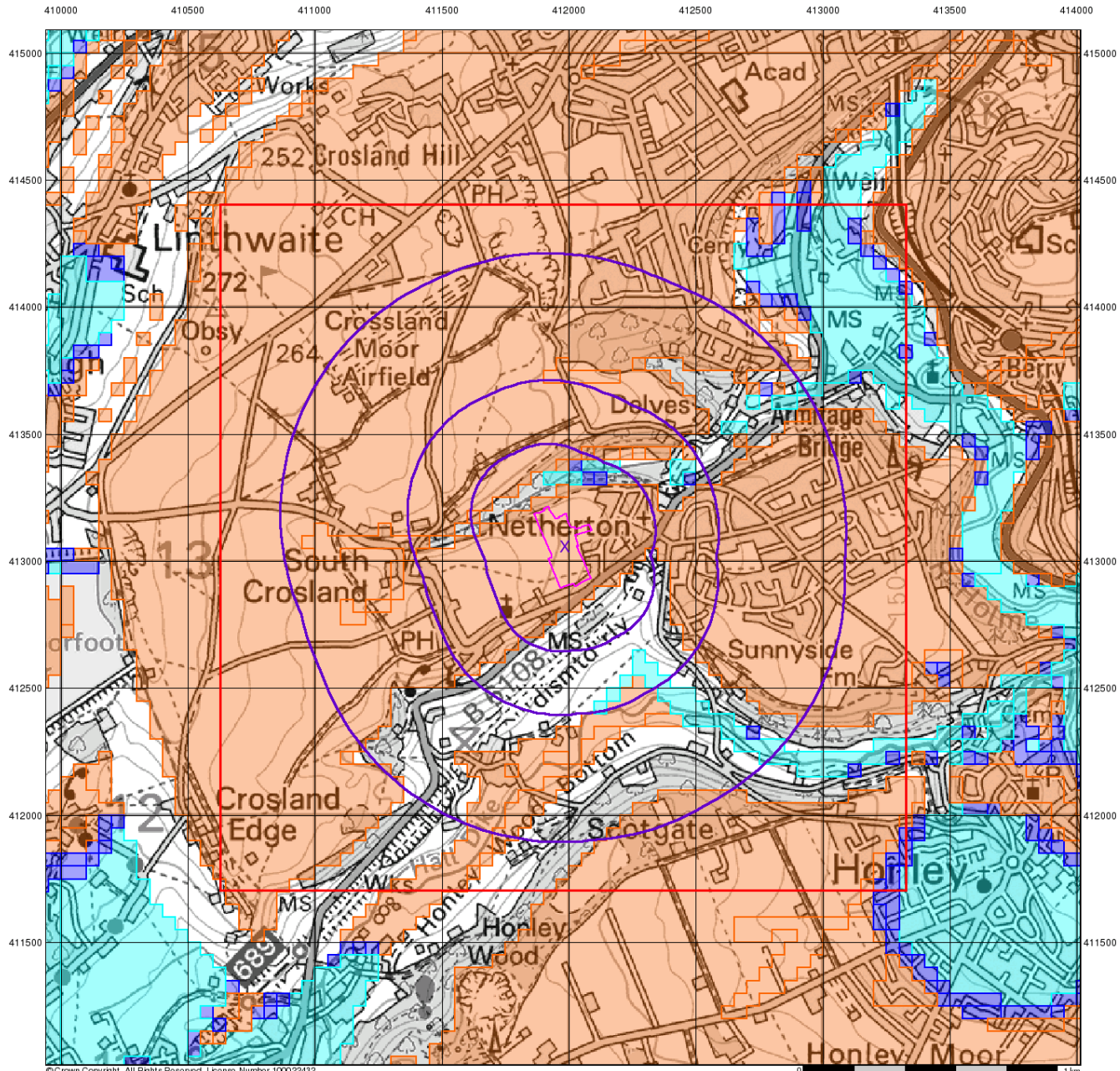
Order Details

Order Number: 87399786_1.1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW





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BGS Flood GFS Data

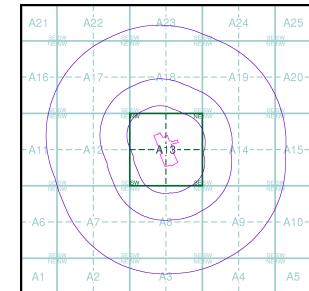
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 87399786_1_1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
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Site Details





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 Web: www.envirocheck.co.uk

Geology 1:10,000 Maps Legends






Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Holocene - Holocene
	WGR	Worked Ground (Undivided)	Void	Holocene - Holocene
	MGR	Made Ground (Undivided)	Artificial Deposit	Holocene - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Quaternary - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Sand and Gravel	Flandrian - Pleistocene
	HEAD	Head	Clay, Silt, Sand and Gravel	Quaternary - Ryazanian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	RF	Rough Rock Flags	Sandstone	Yeadonian - Yeadonian
	RR	Rough Rock	Sandstone	Yeadonian - Yeadonian
	MGCZ	Unnamed Sandstone of Marsdenian Age (In Millstone Grit Group)	Sandstone	Marsdenian - Marsdenian
	HDW	Huddersfield White Rock	Sandstone	Marsdenian - Marsdenian
	MG	Millstone Grit Group [See also Migr]	Mudstone, Siltstone and Sandstone	Namurian - Namurian
	Rock			
	Fault			

Geology 1:10,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:10,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around a site. This mapping may be more up to date than previously published paper maps.

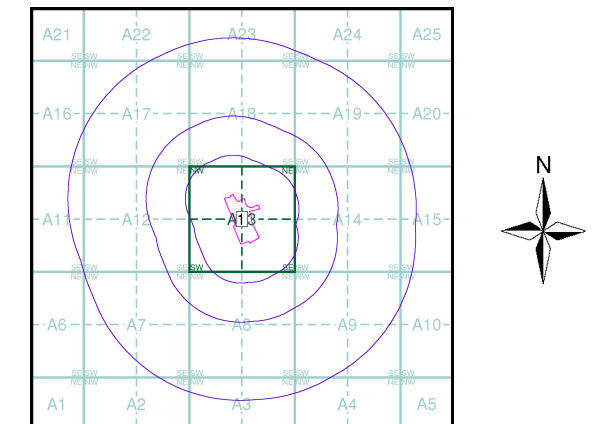
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page.

Please Note: Not all of the layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:10,000 Maps Coverage

Map ID:	1
Map Name:	SE11SW
Map Date:	2005
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Available
Landslip:	Available
Rock Segments:	Available

Geology 1:10,000 Maps - Slice A



Order Details

Order Number:	87399786_1_1
Customer Ref:	16RED116
National Grid Reference:	411980, 413060
Slice:	A
Site Area (Ha):	3.68
Search Buffer (m):	1000

Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW

Artificial Ground and Landslip

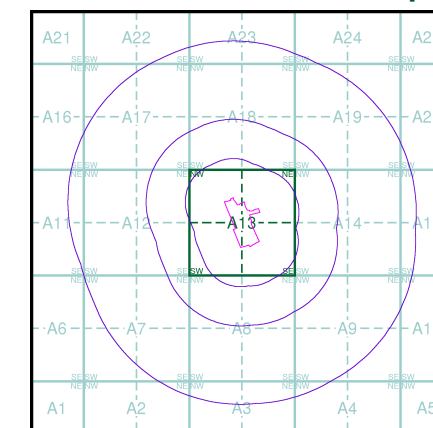
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- In-filled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes founded strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A

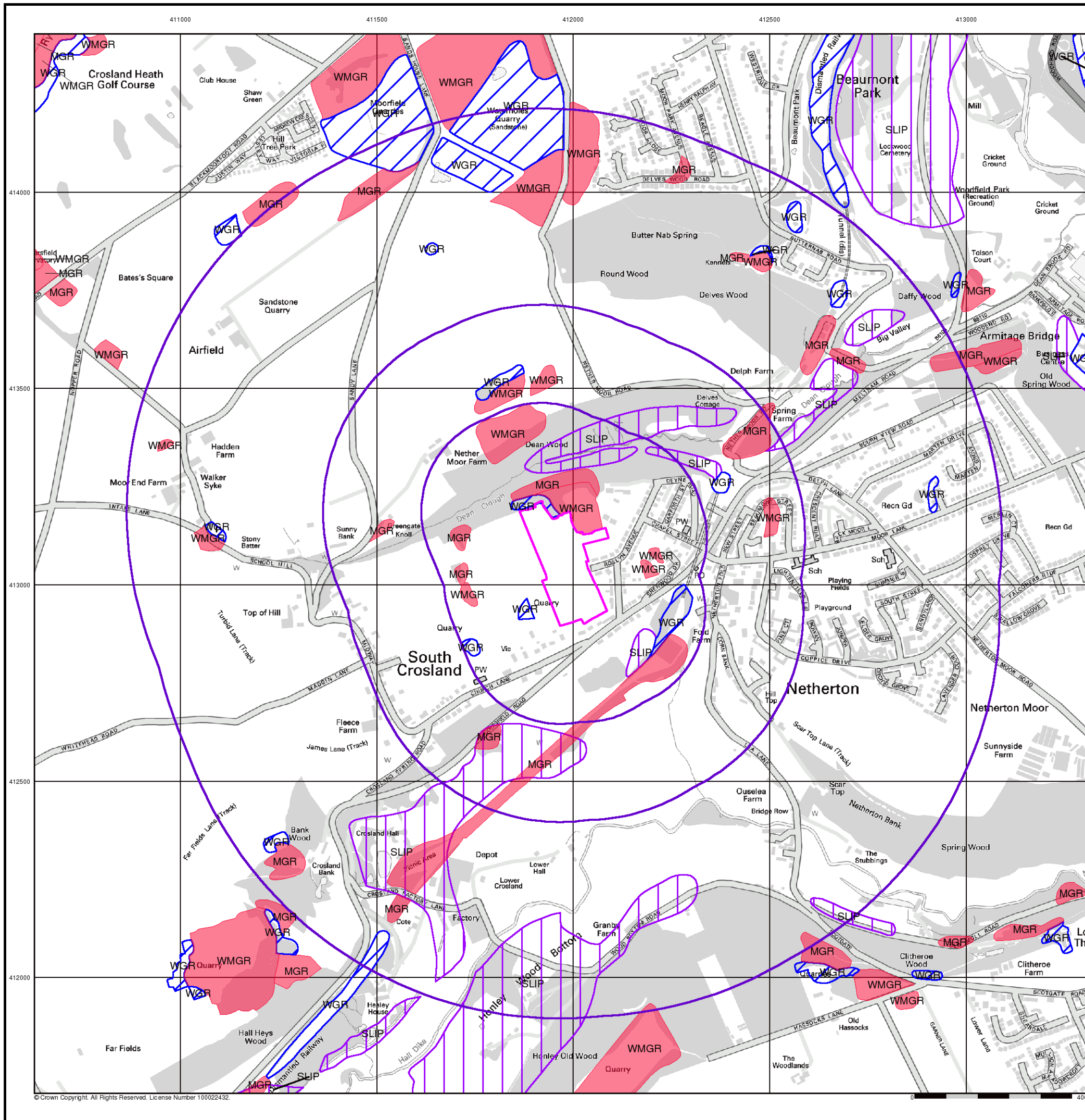


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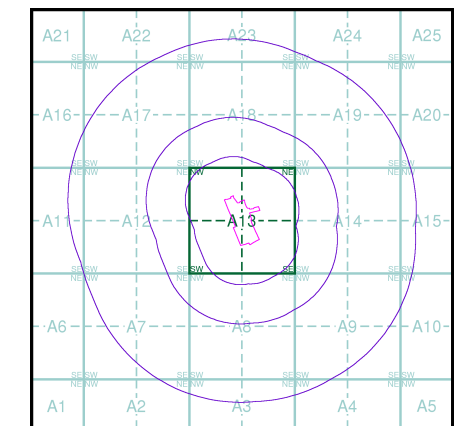
Superficial Geology

BGS 1:10,000 Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A

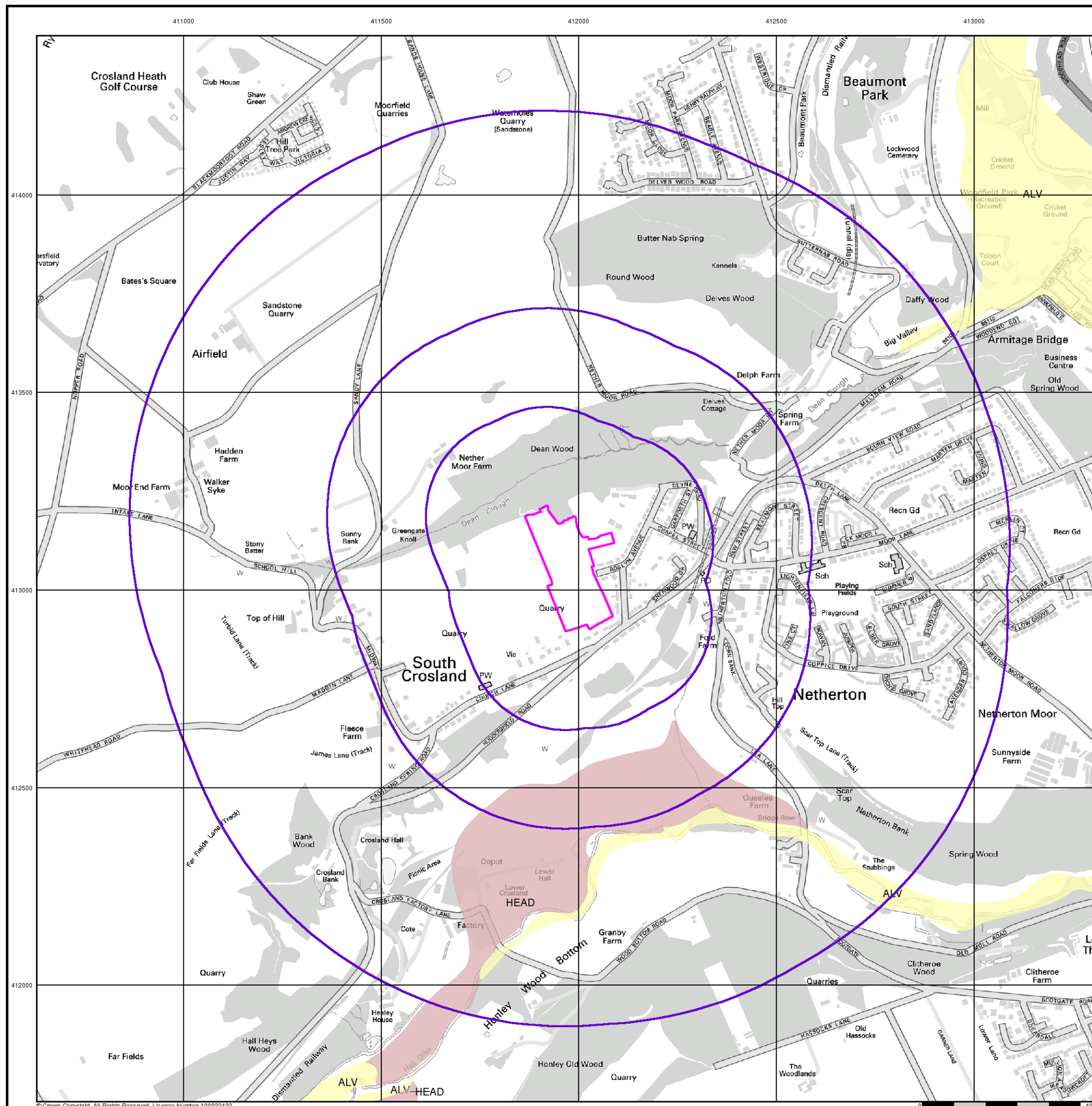


Order Details

Order Number: 87399786_1_1
 Customer Ref: 16RED116
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 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW



Bedrock and Faults

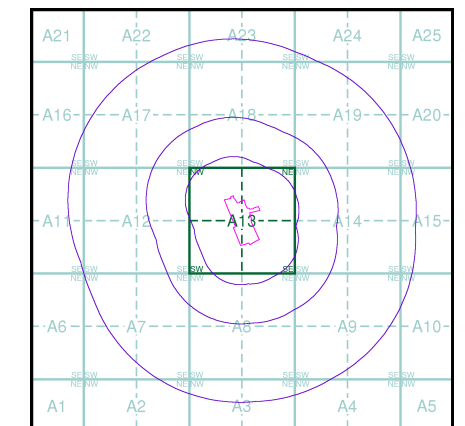
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults and thin beds mapped as lines such as coal seams and mineral veins. These are not restricted by age and could relate to features of any of the 1:10,000 geology datasets.

Bedrock and Faults Map - Slice A

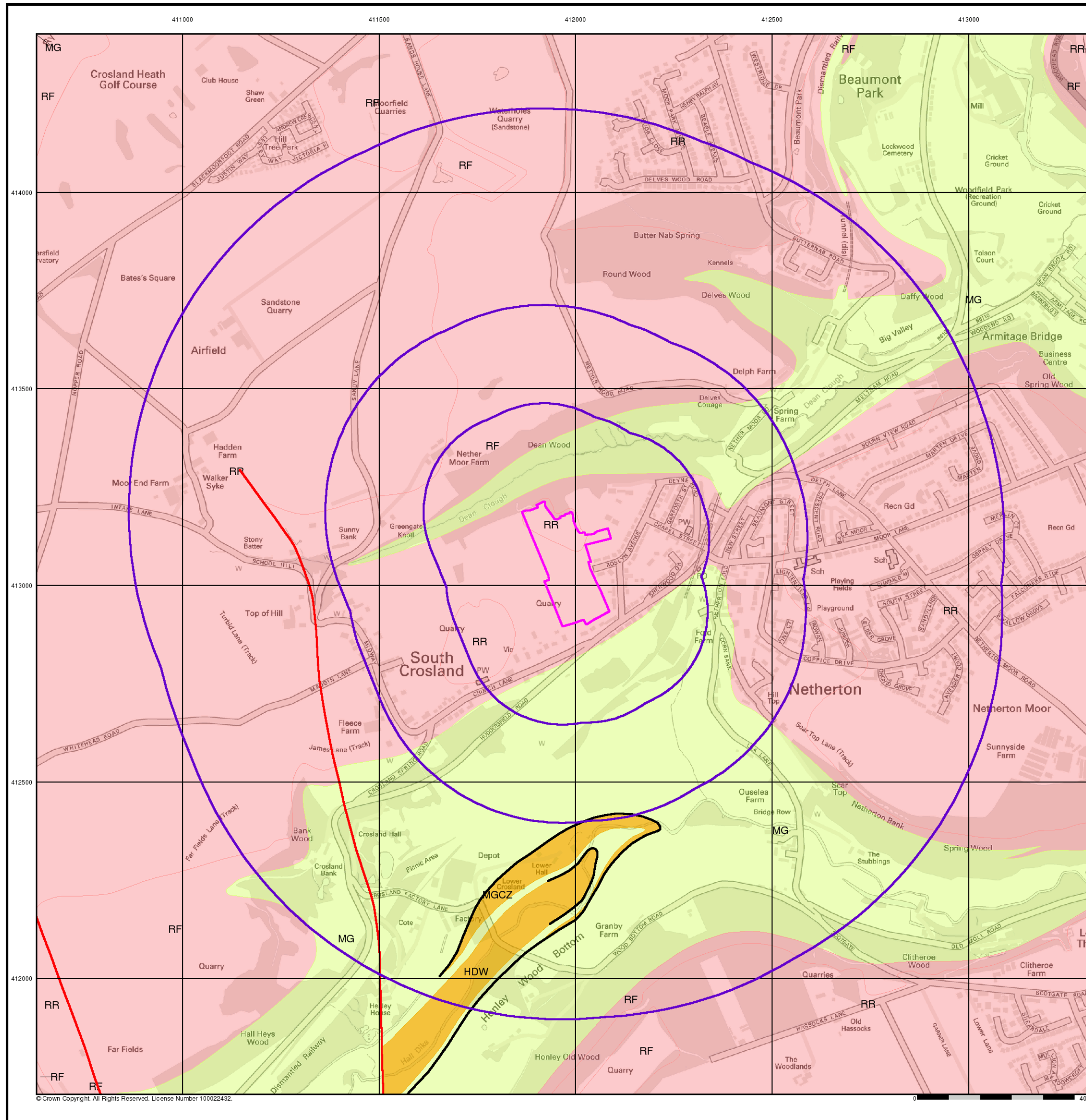


Order Details

Order Number: 87399786_1_1
 Customer Ref: 16RED116
 National Grid Reference: 411980, 413060
 Slice: A
 Site Area (Ha): 3.68
 Search Buffer (m): 1000

Site Details

16 Roslyn Avenue, Netherton, HUDDERSFIELD, HD4 7EW



Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

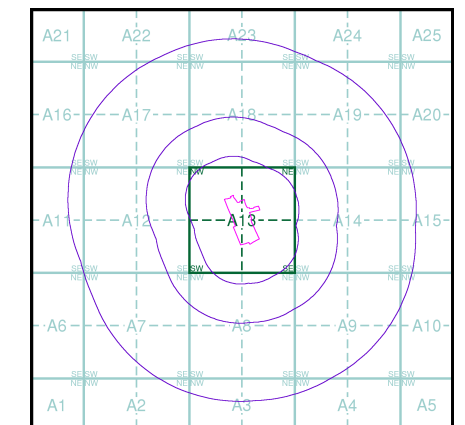
Additional Information

More information on 1:10,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
 Kingsley Dunham Centre
 Keyworth
 Nottingham
 NG12 5GG
 Telephone: 0115 936 3143
 Fax: 0115 936 3276
 email: enquiries@bgs.ac.uk
 website: www.bgs.ac.uk

Combined Geology Map - Slice A

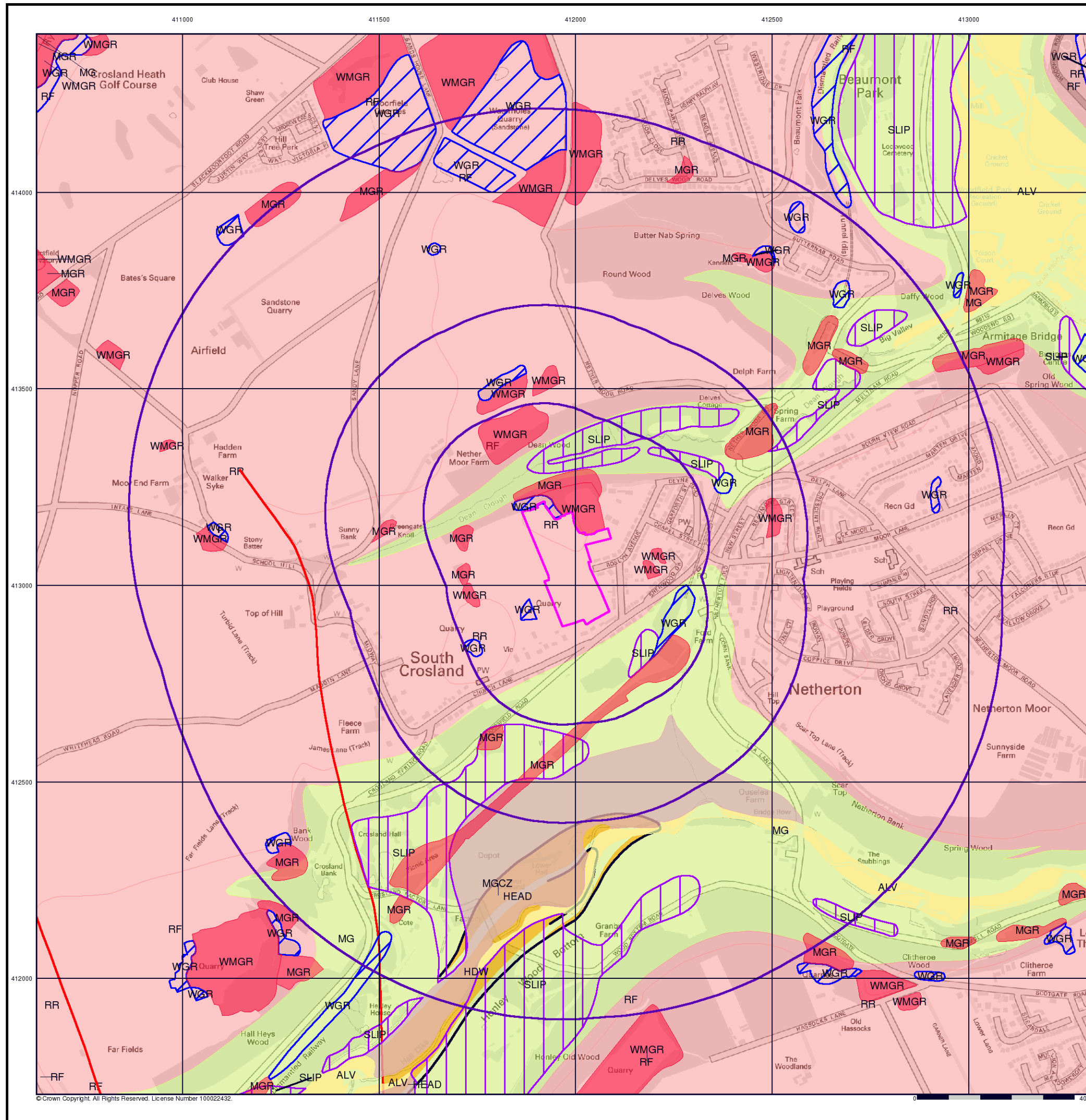


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Site Details

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

87399786_1_1

Customer Reference:

16RED116

National Grid Reference:

411980, 413060

Slice:

A

Site Area (Ha):

3.68

Search Buffer (m):

1000

Site Details:

16 Roslyn Avenue

Netherton

HUDDERSFIELD

HD4 7EW

Client Details:

Mr M Fawcett

Betts Geo Environmental

Old Marsh Farm Barns

Welsh Road

Sealand

Flintshire

CH5 2LY

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	20
Hazardous Substances	-
Geological	23
Industrial Land Use	34
Sensitive Land Use	39
Data Currency	40
Data Suppliers	45
Useful Contacts	46

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

Report Version v50.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2			2	4
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3		Yes		
Pollution Incidents to Controlled Waters	pg 3		1	4	11
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 6				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 6		2	1	4 (*29)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 15	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 15	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Detailed River Network Lines	pg 15		Yes	Yes	n/a
Detailed River Network Offline Drainage	pg 19			Yes	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 20	1			1
Historical Landfill Sites	pg 20				2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 20				3
Licensed Waste Management Facilities (Locations)	pg 21				1
Local Authority Landfill Coverage	pg 21	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 21	1	3	1	6
Potentially Infilled Land (Water)	pg 22		1	1	4
Registered Landfill Sites	pg 22				2
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 23	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 23	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 27		13	5	14
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas	pg 32	Yes	n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 32	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 32	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 32	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 32	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 33	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 33		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 33	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 34		5	1	18
Fuel Station Entries					
Points of Interest - Commercial Services	pg 36		1		1
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 36		4	5	6
Points of Interest - Public Infrastructure	pg 37		2		3
Points of Interest - Recreational and Environmental	pg 38				7
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 39	1			7
Areas of Adopted Green Belt	pg 39	1			
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (SE)	0	2	411983 413059
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	48	2	411983 413250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (N)	87	2	411983 413300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	129	2	412050 413300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	141	2	411983 413350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	157	2	412100 413300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	159	2	412000 413350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (N)	175	2	412050 413350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	214	2	411650 413150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	223	2	412050 413400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	241	2	412100 413400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	282	2	412200 413400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	307	2	412250 413400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (SE)	328	2	412250 412650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	337	2	412300 413400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (NE)	355	2	412400 413300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (SE)	391	2	412200 412550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	400	2	412450 413300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	416	2	412250 412550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	420	2	412150 412500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	423	2	411450 413059
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	449	2	412450 413400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	457	2	412100 412450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	487	2	411983 413700
1	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Sandy Lane Stw South Crosland, Holmfirth, Huddersfield, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Calder Reference: Wra6603 Permit Version: 2 Effective Date: 10th October 1995 Issued Date: 10th October 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dean Clough Beck Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A12NE (W)	498	3	411380 413070
1	Discharge Consents Operator: Yorkshire Water Services Ltd Property Type: Sewage Disposal Works - Water Company Location: Sandy Lane Stw South Crosland, Holmfirth, Huddersfield, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Calder Reference: Wra6603 Permit Version: 1 Effective Date: 4th February 1992 Issued Date: 4th February 1992 Revocation Date: 9th October 1995 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dean Clough Beck Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m	A12NE (W)	498	3	411380 413070
2	Discharge Consents Operator: Robin Stewart Property Type: Domestic Property (Single) Location: 10 School Hill, South Crosland, Near Huddersfield, West Yorkshire Authority: Environment Agency, North East Region Catchment Area: Calder Reference: 1295 Permit Version: 1 Effective Date: 18th April 1961 Issued Date: 18th April 1961 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Dean Clough Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 10m	A12NW (W)	666	3	411210 413060
3	Discharge Consents Operator: Autosystems Ltd Property Type: Trade (Unknown/Other) Location: Crosland Hall, Netherpton, Huddersfield, West Yorkshire, Hd4 7dz Authority: Environment Agency, North East Region Catchment Area: Calder Reference: 2376 Permit Version: 2 Effective Date: 19th February 1993 Issued Date: 19th February 1993 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Mag Dike Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	687	3	411550 412350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Autosystems Ltd Property Type: Trade (Unknown/Other) Location: Crosland Hall, Netherton, Huddersfield, West Yorkshire, Hd4 7dz Authority: Environment Agency, North East Region Catchment Area: Calder Reference: 2376 Permit Version: 1 Effective Date: 15th May 1968 Issued Date: 15th May 1968 Revocation Date: 18th February 1993 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Mag Dike Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	687	3	411550 412350
3	Discharge Consents Operator: Autosystems Ltd Property Type: Trade (Unknown/Other) Location: Crosland Hall, Netherton, Huddersfield, West Yorkshire, Hd4 7dz Authority: Environment Agency, North East Region Catchment Area: Calder Reference: 2376 Permit Version: 1 Effective Date: 15th May 1968 Issued Date: 15th May 1968 Revocation Date: 18th February 1993 Discharge Type: Miscellaneous Discharges - Swimming Pool Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Mag Dike Status: Transferred from Rivers (Prevention of Pollution) Act 1951-1961 Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	687	3	411550 412350
	Nearest Surface Water Feature	A13NW (NW)	77	-	411839 413263
4	Pollution Incidents to Controlled Waters Property Type: Farm Location: Todmorden/Source Calder Afu Authority: Environment Agency, North East Region Pollutant: Agricultural: Milk Note: Not Supplied Incident Date: 19th September 1994 Incident Reference: 153143 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	223	3	412305 412895
5	Pollution Incidents to Controlled Waters Property Type: Farm Location: Mouth/Source Holme Af Authority: Environment Agency, North East Region Pollutant: Silage Liquor Note: Not Supplied Incident Date: 26th September 1992 Incident Reference: 137151 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	253	3	412300 412800
6	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Mouth/Source Holme Af Authority: Environment Agency, North East Region Pollutant: Mud/Clay/Soil Note: Not Supplied Incident Date: 2nd August 1992 Incident Reference: 135330 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	409	3	412400 413400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Pollution Incidents to Controlled Waters Property Type: Farm Location: Mouth/Source Holme Af Authority: Environment Agency, North East Region Pollutant: Agricultural: Yard Run Off (Dirty Water) Note: Not Supplied Incident Date: 18th June 1992 Incident Reference: 134053 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	468	3	411405 413095
7	Pollution Incidents to Controlled Waters Property Type: Farm Location: Mouth/Source Holme Af Authority: Environment Agency, North East Region Pollutant: Agricultural: Yard Run Off (Dirty Water) Note: Not Supplied Incident Date: 17th June 1992 Incident Reference: 134059 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	473	3	411400 413095
8	Pollution Incidents to Controlled Waters Property Type: Cattle (Dairy) Farming: Other Location: School Hill, Stony Batter, HUDDERSFIELD Authority: Environment Agency, North East Region Pollutant: Organic Wastes: Silage Liquor Note: Fish Killed: No Information Incident Date: 4th August 1997 Incident Reference: SL970892 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	570	3	411300 413100
9	Pollution Incidents to Controlled Waters Property Type: Engineering Location: Magg Brook, NETHERTON Authority: Environment Agency, North East Region Pollutant: Chemicals - Paints / Dyes Note: Mag Brook/Hall Dike; No Fish Killed Incident Date: 21st March 1998 Incident Reference: SL980528 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	619	3	411800 412300
10	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Tributary Of Hall Dike At, 25 Healy Houses Authority: Environment Agency, North East Region Pollutant: Chemicals - Paints / Dyes Note: Mag Brook/Hall Dike; Fish Killed: No Information Incident Date: Not Supplied Incident Reference: SL980998 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	653	3	411700 412300
11	Pollution Incidents to Controlled Waters Property Type: Industrial Premises Location: Mouth/Source Holme Af Authority: Environment Agency, North East Region Pollutant: Heating Oil Note: Not Supplied Incident Date: 11th March 1993 Incident Reference: 141318 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	676	3	412500 412400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Sewage Treatment Works Location: Lee Lane Authority: Environment Agency, North East Region Pollutant: Sewage Sludge Note: Not Supplied Incident Date: 4th April 1989 Incident Reference: 8860 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	680	3	412500 412395
12	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: Mouth/Source Holme Af Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 5th October 1989 Incident Reference: 103932 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	729	3	412400 413800
13	Pollution Incidents to Controlled Waters Property Type: Farm Location: Mouth/Source Holme Af Authority: Environment Agency, North East Region Pollutant: Silage Liquor Note: Not Supplied Incident Date: 13th July 1990 Incident Reference: 112694 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	864	3	411000 413200
14	Pollution Incidents to Controlled Waters Property Type: Farm Location: Mouth/Source Holme Af Authority: Environment Agency, North East Region Pollutant: Agricultural: Yard Run Off (Dirty Water) Note: Not Supplied Incident Date: 12th August 1991 Incident Reference: 125146 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	871	3	411000 413300
15	Pollution Incidents to Controlled Waters Property Type: Farm Location: Mouth/Source Holme Af Authority: Environment Agency, North East Region Pollutant: Silage Liquor Note: Not Supplied Incident Date: 1st October 1993 Incident Reference: 147970 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A11NE (W)	970	3	410900 413300
15	Pollution Incidents to Controlled Waters Property Type: Farm Location: Mouth/Source Holme Af Authority: Environment Agency, North East Region Pollutant: Agricultural: Yard Run Off (Dirty Water) Note: Not Supplied Incident Date: 2nd October 1992 Incident Reference: 137161 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A11NE (W)	970	3	410900 413295

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: Dean Brook Road, HOLMFIRTH Authority: Environment Agency, North East Region Pollutant: Surcharged Sewage Note: No Fish Killed Incident Date: 27th January 1997 Incident Reference: SL970057 Catchment Area: Calder Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A20SW (NE)	985	3	413000 413500
	River Quality Name: Mag_Brook/Hall_Dike GQA Grade: River Quality B Reach: Hall_Dyke_At_Meltham_Spring_Woo Estimated Distance (km): 2 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A8SE (S)	554	3	412069 412350
17	Water Abstractions Operator: Mr D Mate Licence Number: 2/27/10/115 Permit Version: 100 Location: Borehole - Millstone Grit - Netherton Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 20 Yearly Rate (m3): 500 Details: Fold Farm, Netherton, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th October 1988 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	217	3	412300 412900
17	Water Abstractions Operator: D Mate Licence Number: 2/27/10/094 Permit Version: 100 Location: Spring - Netherton Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 5 Yearly Rate (m3): 1664 Details: Fold Farm, Netherton, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th April 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	217	3	412300 412900
18	Water Abstractions Operator: Butterley Brick Ltd Licence Number: 2/27/12/280(1) Permit Version: 100 Location: Stream Authority: Environment Agency, North East Region Abstraction: Other Industrial/Commercial/Public Services: General Use (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 18 Yearly Rate (m3): 4546 Details: Calder Works, Lower Edge Road, Elland Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th March 1984 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	392	3	412400 412700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Water Abstractions Operator: D P Dyers Ltd Licence Number: 2/27/10/013 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 341 Yearly Rate (m3): 85237 Details: Licence Lapsed Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9SE (SE)	883	3	412700 412300
20	Water Abstractions Operator: The Pink Link Ltd Licence Number: 2/27/10/047 Permit Version: 101 Location: Spring - Millstone Grit - Netherton Authority: Environment Agency, North East Region Abstraction: Transport: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Healey House, Netherton, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th August 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	893	3	411330 412270
20	Water Abstractions Operator: S B H Express Services Limited Licence Number: 2/27/10/047 Permit Version: 100 Location: Spring Authority: Environment Agency, North East Region Abstraction: Transport: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 45 Yearly Rate (m3): 8183 Details: Healey House, Netherton, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 24th November 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	893	3	411330 412270
21	Water Abstractions Operator: Mr C R Hinchliffe Licence Number: 2/27/10/107 Permit Version: 100 Location: Borehole - Millstone Grit - Netherton Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 36 Yearly Rate (m3): 13274 Details: Poultry Farms, Netherton Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10NW (E)	944	3	413000 412700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: John Brooke & Sons Holdings Ltd Licence Number: 2/27/10/089 Permit Version: 100 Location: Dean Clough - Huddersfield Authority: Environment Agency, North East Region Abstraction: Textiles & Leather: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): 76 Yearly Rate (m3): 17638 Details: Armitage Bridge Mills, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th July 1982 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20NW (NE)	1129	3	413000 413800
	Water Abstractions Operator: John Brooke & Sons Holdings Ltd Licence Number: 2/27/10/089 Permit Version: 100 Location: Dean Clough - Huddersfield Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Armitage Bridge Mills, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th July 1982 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A20NW (NE)	1129	3	413000 413800
	Water Abstractions Operator: Crosland Heath Golf Club Ltd Licence Number: 2/27/10/122 Permit Version: 100 Location: Borehole Authority: Environment Agency, North East Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 24 Yearly Rate (m3): 4000 Details: Crosland Heath Golf Club, Crosland Heath, Huddersfield Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 27th November 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22SW (NW)	1211	3	411200 414200
	Water Abstractions Operator: Crosland Heath Golf Club Ltd Licence Number: 2/27/11/170 Permit Version: Not Supplied Location: Crosland Heath Golf Club, Feks Stile Road, Crosland Hill, HUDDERSFIELD Authority: Environment Agency, North East Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 24 Yearly Rate (m3): 2200 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22SW (NW)	1211	3	411200 414200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Crosland Heath Golf Club Ltd Licence Number: Ne/027/0011/005 Permit Version: 1 Location: Borehole - Millstone Grit- Crosland Heath - Huddersfield Authority: Environment Agency, North East Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st November 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22SW (NW)	1350	3	411100 414300
	Water Abstractions Operator: Crosland Heath Golf Club Ltd Licence Number: 2/27/10/122 Permit Version: 101 Location: Borehole - Millstone Grit- Crosland Heath - Huddersfield Authority: Environment Agency, North East Region Abstraction: Golf Courses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Crosland Heath Golf Club, Crosland Heath, Huddersfield Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 2nd January 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22SW (NW)	1350	3	411100 414300
	Water Abstractions Operator: John Brooke & Sons Holdings Ltd Licence Number: 2/27/10/088 Permit Version: 100 Location: River Holme - Huddersfield Authority: Environment Agency, North East Region Abstraction: Production Of Energy: Mechanical Non Electrical: Milling & Water Power Other Than Electricity Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 181925 Yearly Rate (m3): 18206730 Details: Armitage Bridge Mills, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th November 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NE (E)	1411	3	413500 413100
	Water Abstractions Operator: Johnsons Wellfield Quarries Ltd Licence Number: 2/27/10/124 Permit Version: 1 Location: Borehole- Millstone Grit - Wellfield Quarry Authority: Environment Agency, North East Region Abstraction: Mineral Products: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Johnsons Wellfield Quarry, Crosland Hill, Huddersfield, West Yorkshire Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 2nd January 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23NW (N)	1434	3	411700 414630

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Holmfirth Dyers Ltd Licence Number: 2/27/10/069 Permit Version: 104 Location: Boreholes X2 - Millstone Grit - Lockwood Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Park Valley Mills, Lockwood, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st March 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SE (NE)	1499	3	412900 414400
	Water Abstractions Operator: Holmfirth Dyers Ltd Licence Number: 2/27/10/069 Permit Version: 104 Location: Boreholes X2 - Millstone Grit - Lockwood Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Park Valley Mills, Lockwood, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st March 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SE (NE)	1499	3	412900 414400
	Water Abstractions Operator: Paul Speak Business Centres Ltd Licence Number: 2/27/10/069 Permit Version: 103 Location: Boreholes X2 - Millstone Grit - Lockwood Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Park Valley Mills, Lockwood, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th May 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SE (NE)	1499	3	412900 414400
	Water Abstractions Operator: Paul Speak Business Centres Ltd Licence Number: 2/27/10/069 Permit Version: 103 Location: Boreholes X2 - Millstone Grit - Lockwood Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Park Valley Mills, Lockwood, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 27th May 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SE (NE)	1499	3	412900 414400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Parkland Holdings Ltd Licence Number: 2/27/10/069 Permit Version: 102 Location: Boreholes X2 - Millstone Grit - Lockwood Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Park Valley Mills, Lockwood, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th June 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SE (NE)	1499	3	412900 414400
	Water Abstractions Operator: Parkland Holdings Ltd Licence Number: 2/27/10/069 Permit Version: 102 Location: Boreholes X2 - Millstone Grit - Lockwood Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Park Valley Mills, Lockwood, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th June 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SE (NE)	1499	3	412900 414400
	Water Abstractions Operator: Parkland Fabrics Limited Licence Number: 2/27/10/069 Permit Version: 101 Location: Boreholes X2 - Millstone Grit - Lockwood Authority: Environment Agency, North East Region Abstraction: Food And Drink: Water Bottling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 1818 Yearly Rate (m3): 454600 Details: Park Valley Mills, Lockwood, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24SE (NE)	1499	3	412900 414400
	Water Abstractions Operator: Parkland Fabrics Limited Licence Number: 2/27/10/069 Permit Version: 101 Location: Boreholes X2 - Millstone Grit - Lockwood Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Park Valley Mills, Lockwood, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th May 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A24SE (NE)	1499	3	412900 414400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: D P Dyers Ltd Licence Number: 2/27/10/030 Permit Version: 101 Location: Stream To Mill Dam-Honley Authority: Environment Agency, North East Region Abstraction: Textiles & Leather: General Use (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Mill Premises At Honley, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th May 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10SE (SE)	1545	3	413450 412210
	Water Abstractions Operator: D P Dyers Ltd Licence Number: 2/27/10/030 Permit Version: 101 Location: Mag Brook-Honley-Huddersfield Authority: Environment Agency, North East Region Abstraction: Textiles & Leather: General Use (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Mill Premises At Honley, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th May 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10SE (SE)	1550	3	413500 412300
	Water Abstractions Operator: D P Dyers Ltd Licence Number: 2/27/10/030 Permit Version: 100 Location: Mag Brook Authority: Environment Agency, North East Region Abstraction: Textiles & Leather: General Use (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Mill Premises At Honley, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 24th November 1975 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10SE (SE)	1550	3	413500 412300
	Water Abstractions Operator: D P Dyers Ltd Licence Number: 2/27/10/030 Permit Version: 100 Location: Unnamed Stream To Mill Dam - Honley Authority: Environment Agency, North East Region Abstraction: Textiles & Leather: General Use (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 727 Yearly Rate (m3): 145500 Details: Mill Premises At Honley, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 24th November 1975 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10SE (SE)	1594	3	413500 412200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Huddersfield Rugby Union Football Club Licence Number: 2/27/10/126 Permit Version: 1 Location: River Holme - Lockwood Authority: Environment Agency, North East Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Huddersfield Rugby Union Football Club, Lockwood Park, Meltham Road, Lockwood, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st January 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25NW (NE)	1758	3	413200 414500
	Water Abstractions Operator: Huddersfield Rugby Union Football Club Licence Number: 2/27/10/121 Permit Version: 101 Location: River Holme Authority: Environment Agency, North East Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 136 Yearly Rate (m3): 7208 Details: Huddersfield Rugby Union Football Club, Lockwood Park, Meltham Road, Lockwood, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th January 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25NW (NE)	1758	3	413200 414500
	Water Abstractions Operator: Huddersfield Rugby Union Football Club Ltd Licence Number: 2/27/10/126/R01 Permit Version: 1 Location: River Holme - Lockwood Authority: Environment Agency, North East Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Huddersfield Rugby Union Football Club, Lockwood Park, Meltham Road, Lockwood, Huddersfield Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25NW (NE)	1789	3	413120 414600
	Water Abstractions Operator: Hinchcliffe & Haigh Licence Number: 2/27/11/105 Permit Version: 100 Location: Well - Millstone Grit - Linthwaite Authority: Environment Agency, North East Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 3 Yearly Rate (m3): 996 Details: Croft Farm, Church Lane, Linthwaite, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 28th April 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21SW (NW)	1812	3	410450 414320

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Nichol & Pratt Ltd Licence Number: 2/27/10/059 Permit Version: 100 Location: Hall Dyke Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 546 Yearly Rate (m3): 54552 Details: Bent Ley Mills, Huddersfield Road, Meltham, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A1SE (SW)	1820	3	410800 411500
	Water Abstractions Operator: Parkland Textiles Ltd Licence Number: 2/27/10/061 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 1040 Yearly Rate (m3): 152300 Details: Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25NW (NE)	1849	3	413110 414680
	Water Abstractions Operator: Nichol & Pratt Ltd Licence Number: 2/27/10/060 Permit Version: 100 Location: Well Heads Authority: Environment Agency, North East Region Abstraction: Textiles And Leather: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 327 Yearly Rate (m3): 54552 Details: Bent Ley Mills, Huddersfield Road, Meltham, Huddersfield Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(SW)	1866	3	411000 411300
	Water Abstractions Operator: Brook Dyeing Company Ltd Licence Number: 2/27/10/020 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 486 Yearly Rate (m3): 121605 Details: Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1892	3	413900 412400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: J B Mellor Licence Number: 2/27/10/021 Permit Version: Not Supplied Location: Westfield Farm, Meltham, HUDDERSFIELD Authority: Environment Agency, North East Region Abstraction: Domestic & Agriculture Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 1 Yearly Rate (m3): 91 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1898	3	411900 411000
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H3)- Coarse textured or moderately shallow soils which readily transmit non-absorbed pollutants and liquid discharges but which have some ability to attenuate absorbed pollutants because of their large clay or organic matter contents Map Sheet: Sheet 11 South Pennines Scale: 1:100,000	A13NE (SE)	0	3	411983 413059
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NE (SE)	0	2	411983 413059
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
22	Detailed River Network Lines River Type: Tertiary River River Name: Dean Clough Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NW (NW)	77	3	411839 413263
23	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (N)	139	3	411995 413331

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Secondary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (N)	149	3	412013 413332
25	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (N)	149	3	412012 413333
26	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (N)	155	3	412026 413336
27	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (N)	192	3	412082 413353
28	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (N)	192	3	412082 413353
29	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (NE)	207	3	412107 413356

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (NE)	207	3	412107 413356
31	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (NE)	217	3	412132 413355
32	Detailed River Network Lines River Type: Secondary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13NE (NE)	217	3	412132 413355
33	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A18SE (N)	239	3	412111 413392
34	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A18SE (N)	239	3	412111 413392
35	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A13SE (SE)	245	3	412284 412791

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14NW (NE)	358	3	412403 413302
37	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14NW (NE)	364	3	412383 413346
38	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14NW (NE)	374	3	412415 413313
39	Detailed River Network Lines River Type: Extended Culvert (greater than 50m) River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Below Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A14NW (NE)	376	3	412385 413366
40	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A12SE (W)	492	3	411390 413054
41	Detailed River Network Lines River Type: Tertiary River River Name: Not Supplied Hydrographic Area: D004 River Flow Type: Primary Flow Path River Surface Level: Surface Drain Feature: Not a Drain Flood Risk: Other Rivers Management Status: Water Course: Not Supplied Name: Water Course: Not Supplied Reference:	A12SE (W)	492	3	411390 413054

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D004	A18SE (N)	258	3	412107 413415
43	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D004	A18SE (N)	258	3	412107 413415
44	Detailed River Network Offline Drainage River Type: Secondary River Hydrographic Area: D004	A18SE (N)	259	3	412115 413412
45	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D004	A18SE (N)	259	3	412115 413412
46	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D004	A18SE (N)	259	3	412107 413416

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	BGS Recorded Landfill Sites Site Name: Netherton Tip Location: Chapel St, Netherton, HUDDERSFIELD, West Yorkshire Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Derived	A13NE (N)	0	-	412010 413134
48	BGS Recorded Landfill Sites Site Name: Crosland Hill Quarry Location: Thewlis Lane, HUDDERSFIELD, West Yorkshire Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A23SE (N)	942	-	412000 414151
49	Historical Landfill Sites Licence Holder: John Radcliffe and Sons Limited Location: Thewlis Lane, Huddersfield, West Yorkshire Name: Park Quarry Operator Location: Leeds Road, Huddersfield Boundary Accuracy: As Supplied Provider Reference: EAHLD04183 First Input Date: 31st December 1974 Last Input Date: 31st July 1988 Specified Waste Type: Deposited Waste included Inert, Industrial and Commercial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4700/0771 BGS Ref: 2137 Other Ref: 4700/0093	A18NW (N)	691	3	411934 413903
50	Historical Landfill Sites Licence Holder: John Brooke and Sons Limited Location: Meltham Road, Armitage Bridge, Huddersfield Name: Big Valley Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD04228 First Input Date: 1st January 1932 Last Input Date: 28th April 1994 Specified Waste Type: Deposited Waste included Inert, Industrial and Commercial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4700/0798 BGS Ref: Not Supplied Other Ref: 4700/0011	A19SE (NE)	868	3	412817 413605
51	Licensed Waste Management Facilities (Landfill Boundaries) Name: Wellfield Quarry Landfill Licence Number: 210059 Location: Wellfield Quarry, Blackmoorfoot Road, Crosland Hill, Huddersfield, West Yorkshire, HD4 7AB Licence Holder: Johnsons Wellfield Quarries Limited Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Inert LF Max Input Rate: Not Supplied Licence Status: Modified Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A18NW (N)	699	3	411913 413912
52	Licensed Waste Management Facilities (Landfill Boundaries) Name: Wellfield Quarry Landfill Licence Number: 210059 Location: Wellfield Quarry, Blackmoorfoot Road, Crosland Hill, Huddersfield, West Yorkshire, HD4 7AB Licence Holder: Johnsons Wellfield Quarries Limited Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Inert LF Max Input Rate: Not Supplied Licence Status: Modified Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A23SW (N)	988	3	411645 414162

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	Licensed Waste Management Facilities (Landfill Boundaries) Name: Honley Wood North Side Licence Number: 61057 Location: Northside Quarry, Knowle Lane, Honley, Huddersfield, West Yorkshire, HD9 4HL Licence Holder: Sita (Kirklees) Ltd Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Co-disposal Landfill Sites Max Input Rate: Not Supplied Licence Status: Modified Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A3NE (S)	998	3	412190 411917
54	Licensed Waste Management Facilities (Locations) Licence Number: 210059 Location: Wellfield Quarry, Blackmoorfoot Road, Crosland Hill, Huddersfield, West Yorkshire, HD4 7AB Operator Name: Johnsons Wellfield Quarries Limited Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Inert LF Licence Status: Modified Issued: 9th June 2006 Last Modified: 3rd December 2010 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NW (N)	817	3	411700 414000
	Local Authority Landfill Coverage Name: Kirklees Metropolitan Borough Council - Has not been able to supply Landfill data		0	4	411983 413059
55	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A13NE (NE)	0	-	412016 413136
56	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A13SW (W)	66	-	411852 413025
57	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A13SE (E)	100	-	412163 413052
58	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A13NE (E)	107	-	412191 413087
59	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A14NW (E)	390	-	412479 413145
60	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A7NE (SW)	503	-	411565 412593
61	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A18NW (NW)	701	-	411647 413859
62	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A19NW (NE)	741	-	412431 413797
63	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A12NW (W)	780	-	411086 413131

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A11NE (W)	916	-	410963 413352
65	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1984	A9SW (SE)	982	-	412566 412078
66	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1854	A13SE (SE)	163	-	412248 412920
67	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8NE (S)	491	-	412050 412411
68	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A8NE (S)	506	-	412058 412397
69	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1908	A8SE (S)	560	-	411984 412337
70	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A7SE (SW)	749	-	411526 412291
71	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1956	A19NW (NE)	897	-	412548 413910
72	Registered Landfill Sites Licence Holder: Kirklees M.D.C. Licence Reference: 93 Site Location: Park Quarry, Thewlis Lane, Crosland Hill, Huddersfield, West Yorkshire Licence Easting: 412020 Licence Northing: 414170 Operator Location: Ramsden Street, Huddersfield, West Yorkshire Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 23rd January 1978 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Constr'N/Demol. Inert/Non-Combustible Prohibited Waste: Poisonous, Noxious, Polluting Wastes	A23SE (N)	962	3	412020 414170
73	Registered Landfill Sites Licence Holder: John Brooke & Sons Ltd Licence Reference: 11a Site Location: Armitage Bridge Mills, HUDDERSFIELD, West Yorkshire, HD4 7NR Licence Easting: 412900 Licence Northing: 413650 Operator Location: As Site Address Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 5th February 1980 Preceded By: 11 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Ash Constr'N/Demol. Inert/Non-Haz/Non-Tox Prohibited Waste: Poisonous, Noxious, Polluting Wastes	A19SE (NE)	963	3	412900 413650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Millstone Grit Group [See Also Migr]	A13NE (SE)	0	2	411983 413059
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (SE)	0	2	411983 413059
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (E)	0	2	412000 413059
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A13SE (S)	0	2	411983 413000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (S)	0	2	412000 413000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SE (N)	201	2	412000 413397
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SE (N)	298	2	412000 413500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SW (E)	301	2	412384 413000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8NE (SE)	331	2	412279 412666
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A8NE (SE)	442	2	412271 412532
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SW (NE)	558	2	412511 413500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (S)	575	2	411960 412322
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A8SW (S)	600	2	411896 412301

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	600	2	412500 412500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NW (SE)	623	2	412500 412469
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9NE (SE)	717	2	412656 412500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SW (SE)	718	2	412500 412348
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	828	2	412828 413500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19SE (NE)	860	2	412812 413597

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SW (S)	869	2	412364 412100
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A7SE (S)	892	2	411632 412069
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A3NW (S)	903	2	411862 412000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A15NW (E)	910	2	413000 413059
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel <15 mg/kg Concentration:	A15SW (E)	915	2	413000 413000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel 15 - 30 mg/kg Concentration:	A9SW (SE)	918	2	412500 412114

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A3NE (S)	924	2	412230 412000
74	BGS Recorded Mineral Sites Site Name: Netherton Location: , Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94138 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	15	2	411864 413203
75	BGS Recorded Mineral Sites Site Name: Netherton Location: , Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 13889 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NE (N)	24	2	412015 413185
76	BGS Recorded Mineral Sites Site Name: Netherton Location: , Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94137 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NW (N)	33	2	411962 413212
77	BGS Recorded Mineral Sites Site Name: New Warwick Location: , Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 13890 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	81	2	411870 412920
78	BGS Recorded Mineral Sites Site Name: Stone Pits Location: , Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94141 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SE (E)	103	2	412159 413022

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	BGS Recorded Mineral Sites Site Name: Stone Pits Location: , Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94142 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NE (E)	120	2	412205 413086
78	BGS Recorded Mineral Sites Site Name: Stone Pits Location: , Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94136 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SE (E)	130	2	412196 413045
79	BGS Recorded Mineral Sites Site Name: New Warwick Quarries Location: , Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94139 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	104	2	411826 412967
80	BGS Recorded Mineral Sites Site Name: Sandene Location: , Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94162 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	182	2	411786 413352
81	BGS Recorded Mineral Sites Site Name: New Warwick Quarries Location: , Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94140 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SW (W)	194	2	411729 412981
82	BGS Recorded Mineral Sites Site Name: Sandene Location: Nether Moor Road, Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 13888 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18SW (N)	220	2	411845 413420

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	BGS Recorded Mineral Sites Site Name: Sandene Location: , Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94163 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18SW (N)	234	2	411895 413446
84	BGS Recorded Mineral Sites Site Name: South Crosland Location: , Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94143 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	239	2	411725 412856
85	BGS Recorded Mineral Sites Site Name: Old Sams Location: Nether Moor Road, Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 13887 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18SW (N)	280	2	411835 413480
86	BGS Recorded Mineral Sites Site Name: Old Sams Location: , Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94159 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	317	2	411776 413496
87	BGS Recorded Mineral Sites Site Name: Old Sams Location: , Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94161 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18SW (N)	333	2	411901 413545
88	BGS Recorded Mineral Sites Site Name: Old Sams Location: , Netherton, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94160 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18SW (N)	337	2	411842 413541

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	BGS Recorded Mineral Sites Site Name: Netherton Moor Location: , Netherton Moor, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94135 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14NW (E)	424	2	412511 413167
90	BGS Recorded Mineral Sites Site Name: Sandy Lane Location: , Crosland Hill, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94127 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NW (NW)	706	2	411649 413865
91	BGS Recorded Mineral Sites Site Name: Butter Nab Location: , Crosland Hill, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94128 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NW (N)	741	2	411896 413953
92	BGS Recorded Mineral Sites Site Name: Butter Nab Wood Location: , Delves, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94129 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	774	2	412428 413836
93	BGS Recorded Mineral Sites Site Name: Stony Batter Location: , South Crosland, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94144 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NW (W)	780	2	411085 413140
93	BGS Recorded Mineral Sites Site Name: Stony Batter Location: , Blackmoorfoot, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94145 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NW (W)	807	2	411061 413105

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	BGS Recorded Mineral Sites Site Name: Butter Nab Spring Location: , Crosland Hill, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 109903 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NE (N)	786	2	411994 413995
95	BGS Recorded Mineral Sites Site Name: Airfield Extension Location: , Crosland Hill, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 13875 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A17NW (NW)	790	2	411295 413735
96	BGS Recorded Mineral Sites Site Name: Waterholes Grit Location: , Crosland Edge, Meltham, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 5762 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NW (N)	797	2	411930 414010
97	BGS Recorded Mineral Sites Site Name: Butter Nab Wood Location: , Delves, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94130 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	799	2	412486 413833
98	BGS Recorded Mineral Sites Site Name: Waterholes Quarry Extension Location: , Crosland Hill, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 19038 Type: Opencast Status: Dormant Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Flags Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NW (N)	820	2	411690 414000
99	BGS Recorded Mineral Sites Site Name: Hudden Location: , South Crosland, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94126 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A11NE (W)	917	2	410963 413361

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	BGS Recorded Mineral Sites Site Name: Bank Wood Location: , Crosland Edge, Meltham, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94218 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7SW (SW)	918	2	411228 412352
101	BGS Recorded Mineral Sites Site Name: Park Location: , Crosland Hill, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 11157 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A23SE (N)	927	2	412015 414135
102	BGS Recorded Mineral Sites Site Name: Waterholes Location: , Crosland Hill, Huddersfield, West Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 94023 Type: Opencast Status: Ceased Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Rough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A23SW (N)	961	2	411835 414170
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SE (S)	0	5	411983 413000
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	2	411983 413059
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	2	411983 413059
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	2	412016 413128
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	2	411983 413059
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	140	2	411814 413321
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	2	411983 413059
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	2	411983 413059

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	33	2	411840 413210
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	45	2	411825 413210
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	45	2	411842 413226
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	59	2	412093 412869
	Potential for Landslide Ground Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	69	2	411942 413280
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	92	2	411851 413281
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	114	2	412053 413281
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	115	2	412053 413282
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	152	2	412018 413335
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	202	2	412099 413356
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	2	411983 413059
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	2	412016 413128
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	140	2	411814 413321
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	2	411983 413059
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	55	2	411805 413192
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	59	2	412093 412869
	Radon Potential - Radon Affected Areas Affected Area: The property is in an intermediate probability radon area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	2	411983 413059
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	2	411983 413059

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	<p>Contemporary Trade Directory Entries</p> <p>Name: Cadwell Transport Location: 1, Henry Frederick Avenue, Huddersfield, HD4 7EN Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	15	-	412098 412942
103	<p>Contemporary Trade Directory Entries</p> <p>Name: Mrs Tidy Ironing Service Location: 7, Henry Frederick Avenue, Huddersfield, HD4 7EN Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	20	-	412094 412964
104	<p>Contemporary Trade Directory Entries</p> <p>Name: J M E Northern Location: 390, Meltham Road, Netherton, Huddersfield, HD4 7EL Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SE (SE)	92	-	412169 412971
105	<p>Contemporary Trade Directory Entries</p> <p>Name: N J Fabrics Location: 7, Tunnel Street, Huddersfield, West Yorkshire, HD4 7EU Classification: Soft Furnishings - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NW (E)	232	-	412321 413128
106	<p>Contemporary Trade Directory Entries</p> <p>Name: D Mate & Sons Location: Fold Farm, 28, Netherton Fold, Huddersfield, HD4 7HB Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	243	-	412327 412916
107	<p>Contemporary Trade Directory Entries</p> <p>Name: Universal Engineering Workholding Ltd Location: New Street, Netherton, HUDDERSFIELD, HD4 7EZ Classification: Engineers - General Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14NW (E)	316	-	412404 413093
108	<p>Contemporary Trade Directory Entries</p> <p>Name: Heatbank Services Location: 4, Crescent Avenue, Huddersfield, HD4 7JD Classification: Boilers - Servicing, Replacements & Repairs Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	609	-	412697 413154
109	<p>Contemporary Trade Directory Entries</p> <p>Name: Asdac Ltd Location: 31, Bourne View Road, Huddersfield, HD4 7JY Classification: Plastics - Raw Materials Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NE (NE)	620	-	412668 413345
110	<p>Contemporary Trade Directory Entries</p> <p>Name: G Boothroyd & Son Location: Top O The Hill Farm, 1, School Hill, South Crosland, Huddersfield, HD4 7BY Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12SE (W)	626	-	411306 412895
111	<p>Contemporary Trade Directory Entries</p> <p>Name: Albert Stephens & Sons Location: 113, Moor Lane, Huddersfield, HD4 7JN Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	749	-	412837 413162
112	<p>Contemporary Trade Directory Entries</p> <p>Name: Taylor & Jones Ltd Location: A7-8, Unit, Crosland Road Industrial Estate, Netherton, Huddersfield, HD4 7DQ Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	774	-	411744 412155

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	Contemporary Trade Directory Entries Name: Taylor & Jones Ltd Location: Unit A7-A8, Crosland Road Industrial Estate, Netherton, HUDDERSFIELD, HD4 7DQ Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	774	-	411744 412155
112	Contemporary Trade Directory Entries Name: Latham Machinery Location: Unit 4, Crosland Road Industrial Estate, Netherton, Huddersfield, HD4 7DQ Classification: Packaging & Wrapping Equipment & Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	789	-	411712 412150
112	Contemporary Trade Directory Entries Name: Latham Boxmaking Machinery Location: Crosland Factory Lane, Netherton, Huddersfield, West Yorkshire, HD4 7DQ Classification: Packaging & Wrapping Equipment & Supplies Status: Active Positional Accuracy: Manually positioned within the geographical locality	A8SW (S)	789	-	411712 412150
112	Contemporary Trade Directory Entries Name: Cameron Graham Ltd Location: Unit B1, Crosland Road Industrial Estate, Netherton, Huddersfield, West Yorkshire, HD4 7DQ Classification: Chemists' & Pharmacists' Suppliers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	789	-	411712 412150
112	Contemporary Trade Directory Entries Name: B M Packaging Ltd Location: Unit 4, Crosland Road Industrial Estate, Netherton, Huddersfield, HD4 7DQ Classification: Packaging & Wrapping Equipment & Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	789	-	411712 412150
112	Contemporary Trade Directory Entries Name: Geospec Location: Unit A3, Crosland Road Industrial Estate, Netherton, Huddersfield, HD4 7DQ Classification: Laboratories Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (S)	789	-	411712 412150
112	Contemporary Trade Directory Entries Name: Equi-Trek Ltd Location: Unit 4, Crosland Road Industrial Estate, Netherton, HUDDERSFIELD, HD4 7DQ Classification: Horse Boxes & Transporting Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	789	-	411712 412150
113	Contemporary Trade Directory Entries Name: B S L Packaging Location: 8, Sandylands, Netherton, Huddersfield, HD4 7JH Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	791	-	412876 412915
114	Contemporary Trade Directory Entries Name: Drummond Parkland Of England Location: Park Valley Mills, Meltham Rd, Huddersfield, West Yorkshire, HD4 7BH Classification: Textile Manufacturing Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19SE (NE)	852	-	412832 413547
115	Contemporary Trade Directory Entries Name: Vacman & Clean Location: 24, Delves Wood Road, Huddersfield, HD4 7AS Classification: Vacuum Cleaners - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	894	-	412224 414054
116	Contemporary Trade Directory Entries Name: Folium Distribution Location: 16, Osprey Drive, Netherton, Huddersfield, HD4 7LG Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A15SW (E)	922	-	413009 413048

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
117	Contemporary Trade Directory Entries Name: A L S Stairlifts Location: 36, Butternab Road, HUDDERSFIELD, HD4 7AR Classification: Stairlifts - Manufacturers & Installers Status: Active Positional Accuracy: Automatically positioned to the address	A19NW (NE)	971	-	412423 414055
118	Contemporary Trade Directory Entries Name: J Hemingway Location: 221, Meltham Road, Huddersfield, HD4 7BD Classification: Cabinet Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	979	-	412945 413604
119	Points of Interest - Commercial Services Name: B Topham Transport Location: 31 Deyne Road, Huddersfield, HD4 7EP Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (NE)	141	6	412211 413199
120	Points of Interest - Commercial Services Name: Folium Distribution Location: 16 Osprey Drive, Netherton, Huddersfield, HD4 7LG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A15SW (E)	922	6	413009 413048
121	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: HD4 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	98	6	411846 412933
122	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: HD4 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	198	6	411774 412845
123	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	241	6	412329 413148
123	Points of Interest - Manufacturing and Production Name: Works Location: HD4 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	241	6	412329 413148
124	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	309	6	412386 413005
125	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	315	6	412404 413100
125	Points of Interest - Manufacturing and Production Name: Works Location: HD4 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	315	6	412404 413100
126	Points of Interest - Manufacturing and Production Name: North End Farm Location: 52 Midway, South Crosland, Huddersfield, HD4 7DA Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A12SE (W)	490	6	411441 412911

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	Points of Interest - Manufacturing and Production Name: North End Farm Location: 52 Midway, South Crosland, Huddersfield, HD4 7DA Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A12SE (W)	490	6	411441 412911
127	Points of Interest - Manufacturing and Production Name: Tank Location: HD4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	748	6	411628 412229
128	Points of Interest - Manufacturing and Production Name: Crosland Factory Location: HD4 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	770	6	411699 412175
128	Points of Interest - Manufacturing and Production Name: Factory Location: HD4 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A8SW (S)	772	6	411741 412158
128	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	780	6	411745 412149
129	Points of Interest - Manufacturing and Production Name: Waterholes Quarry (Sandstone) Location: HD4 Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to an adjacent address or location	A18NW (N)	773	6	411849 413983
130	Points of Interest - Manufacturing and Production Name: Arthur Sykes & Son Location: Moor End Farm, South Crosland, Huddersfield, HD4 7BZ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A12NW (W)	864	6	411002 413250
131	Points of Interest - Public Infrastructure Name: Graveyard Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	235	6	411818 412715
131	Points of Interest - Public Infrastructure Name: Graveyard Location: HD4 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	235	6	411818 412715
132	Points of Interest - Public Infrastructure Name: Sluices Location: HD4 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	595	6	412367 412410
133	Points of Interest - Public Infrastructure Name: Weir Location: HD4 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	715	6	411881 412187
134	Points of Interest - Public Infrastructure Name: Crosland Moor Airfield Location: HD4 Category: Air Class Code: Airports and Landing Strips Positional Accuracy: Positioned to address or location	A17SW (NW)	887	6	411118 413667

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
135	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	515	6	412599 412967
135	Points of Interest - Recreational and Environmental Name: Playground Location: Lighenfield Lane, HD4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	515	6	412599 412968
136	Points of Interest - Recreational and Environmental Name: Picnic Area Location: Crosland Factory Lane, HD4 Category: Recreational Class Code: Picnic Areas Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	717	6	411593 412284
137	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	779	6	412858 413245
137	Points of Interest - Recreational and Environmental Name: Playground Location: Moor Cottage Close, HD4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	779	6	412858 413245
138	Points of Interest - Recreational and Environmental Name: Playground Location: Butternab Road, HD4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	910	6	412623 413875
138	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	911	6	412623 413876

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
139	Ancient Woodland Name: Dean Wood Reference: 1103025 Area(m ²): 152745.58 Type: Ancient and Semi-Natural Woodland	A13NW (N)	0	7	411942 413209
140	Ancient Woodland Name: Butter Nab Spring Reference: 1103026 Area(m ²): 169236.37 Type: Ancient and Semi-Natural Woodland	A18NE (N)	552	7	412110 413732
141	Ancient Woodland Name: Spring Wood Reference: 1103029 Area(m ²): 116415.94 Type: Ancient and Semi-Natural Woodland	A9NE (SE)	674	7	412652 412569
142	Ancient Woodland Name: Clitheroe Wood Reference: 1103027 Area(m ²): 117029.38 Type: Ancient and Semi-Natural Woodland	A9SW (S)	740	7	412317 412220
143	Ancient Woodland Name: Honley/Honley Old Woods Reference: 1103024 Area(m ²): 489755.22 Type: Ancient and Semi-Natural Woodland	A8SE (S)	754	7	412250 412181
144	Ancient Woodland Name: Bank Wood Reference: 1103022 Area(m ²): 37019.36 Type: Ancient and Semi-Natural Woodland	A7NE (SW)	762	7	411308 412514
145	Ancient Woodland Name: Daffy Wood Reference: 1103028 Area(m ²): 13287.91 Type: Plantation on Ancient Woodland	A19SE (NE)	898	7	412812 413666
146	Ancient Woodland Name: Hall Heys Wood Reference: 1103021 Area(m ²): 45221.9 Type: Ancient and Semi-Natural Woodland	A7SE (SW)	991	7	411434 412060
147	Areas of Adopted Green Belt Authority: Kirklees Metropolitan Borough Council Plan Name: Kirklees Unitary Development Plan Status: Adopted Plan Date: 1st March 1999	A13NE (SE)	0	8	411983 413059

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Kirklees Metropolitan Borough Council - Planning Services Calderdale Metropolitan Borough Council - Environmental Health	November 2013 September 2014	Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - North East Region	April 2016	Quarterly
Enforcement and Prohibition Notices Environment Agency - North East Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - North East Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - North East Region	April 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control Kirklees Metropolitan Borough Council - Environmental Health Department Calderdale Metropolitan Borough Council - Environmental Health	April 2014 October 2014	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Kirklees Metropolitan Borough Council - Environmental Health Department Calderdale Metropolitan Borough Council - Environmental Health	April 2014 October 2014	Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Kirklees Metropolitan Borough Council - Environmental Health Department Calderdale Metropolitan Borough Council - Environmental Health	April 2014 October 2014	Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - North East Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - North East Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - North East Region	March 2013	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2016 April 2016	Quarterly Quarterly
Water Abstractions Environment Agency - North East Region	January 2016	Quarterly
Water Industry Act Referrals Environment Agency - North East Region	April 2016	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Environment Agency - Head Office	April 2016	Quarterly

Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2016	Quarterly
Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	March 2016	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - North East Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	February 2016 February 2016	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - North East Region - Ridings Area Environment Agency - North East Region - Yorkshire Area	April 2016 April 2016	Quarterly Quarterly
Local Authority Landfill Coverage Calderdale Metropolitan Borough Council - Environmental Health Kirklees Metropolitan Borough Council - Planning Services	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Calderdale Metropolitan Borough Council - Environmental Health Kirklees Metropolitan Borough Council - Planning Services	May 2000 May 2000	Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	February 2016	Bi-Annually
Explosive Sites Health and Safety Executive	February 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Kirklees Metropolitan Borough Council - Planning Services Calderdale Metropolitan Borough Council Peak District National Park - Development Control	August 2015 February 2016 February 2016	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Kirklees Metropolitan Borough Council - Planning Services Calderdale Metropolitan Borough Council Peak District National Park - Development Control	August 2015 February 2016 February 2016	Annual Rolling Update Annual Rolling Update Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2016	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2016	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2016	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	March 2016	Quarterly
Points of Interest - Education and Health PointX	March 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2016	Quarterly
Points of Interest - Public Infrastructure PointX	March 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2016	Quarterly
Underground Electrical Cables National Grid	January 2016	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	June 2015	Bi-Annually
Areas of Adopted Green Belt Calderdale Metropolitan Borough Council Kirklees Metropolitan Borough Council	May 2016 May 2016	As notified As notified
Areas of Unadopted Green Belt Calderdale Metropolitan Borough Council Kirklees Metropolitan Borough Council	November 201 November 201	As notified As notified
Areas of Outstanding Natural Beauty Natural England	April 2016	Bi-Annually
Environmentally Sensitive Areas Natural England	April 2016	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2016	Bi-Annually
Marine Nature Reserves Natural England	April 2016	Bi-Annually
National Nature Reserves Natural England	April 2016	Bi-Annually
National Parks Natural England	March 2016	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	April 2016	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2016	Bi-Annually
Special Areas of Conservation Natural England	April 2016	Bi-Annually
Special Protection Areas Natural England	April 2016	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	September 2015	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <p>British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Centre for Ecology and Hydrology	 <p>Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	Kirklees Metropolitan Borough Council - Planning Services PO BOX B93, Civic Centre III, Off Market Street, Huddersfield, West Yorkshire, HD1 2JR	Telephone: 01484 221000 Fax: 01484 221613 Website: www.kirklees.gov.uk
5	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk
6	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
8	Kirklees Metropolitan Borough Council Town Hall, Civic Centre, Huddersfield, West Yorkshire, HD1 2TA	Telephone: 01484 221000 Fax: 01484 442768 Website: www.kirklees.gov.uk
9	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.