

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Present Day - Present Day
	WMGR	Infilled Ground	Artificial Deposit	Present Day - Present Day
	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, Silt, Sand and Gravel	Flandrian - Flandrian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	PMCM	Pennine Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Bolsopian (Westphalian C) - Duckmantian (Westphalian B)
	BRSR	Birstall Rock	Sandstone	Langsettian (Westphalian A) - Langsettian (Westphalian A)
	PLCM	Pennine Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Langsettian (Westphalian A) - Langsettian (Westphalian A)
	ER	Emley Rock	Sandstone	Langsettian (Westphalian A) - Langsettian (Westphalian A)
	LPE	Lepton Edge Rock	Sandstone	Langsettian (Westphalian A) - Langsettian (Westphalian A)
	PLCM	Pennine Lower Coal Measures Formation	Sandstone	Langsettian (Westphalian A) - Langsettian (Westphalian A)
	FHR	Falhouse Rock	Sandstone	Langsettian (Westphalian A) - Langsettian (Westphalian A)
	CLRK	Clifton Rock	Sandstone	Langsettian (Westphalian A) - Langsettian (Westphalian A)

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	KKBS	Kirkburton Sandstone	Sandstone	Langsettian (Westphalian A) - Langsettian (Westphalian A)
		Faults		
		Rock Segments		



Geology 1:50,000 Maps

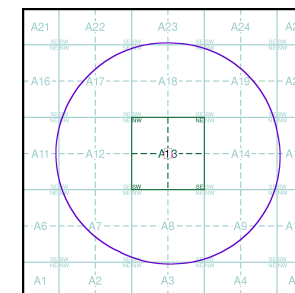
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID: 1
Map Sheet No: 077
Map Name: Huddersfield
Map Date: 2003
Bedrock Geology: Available
Superficial Geology: Available
Artificial Geology: Available
Faults: Available
Landslip: Available
Rock Segments: Available

Geology 1:50,000 Maps - Slice A



Order Details:

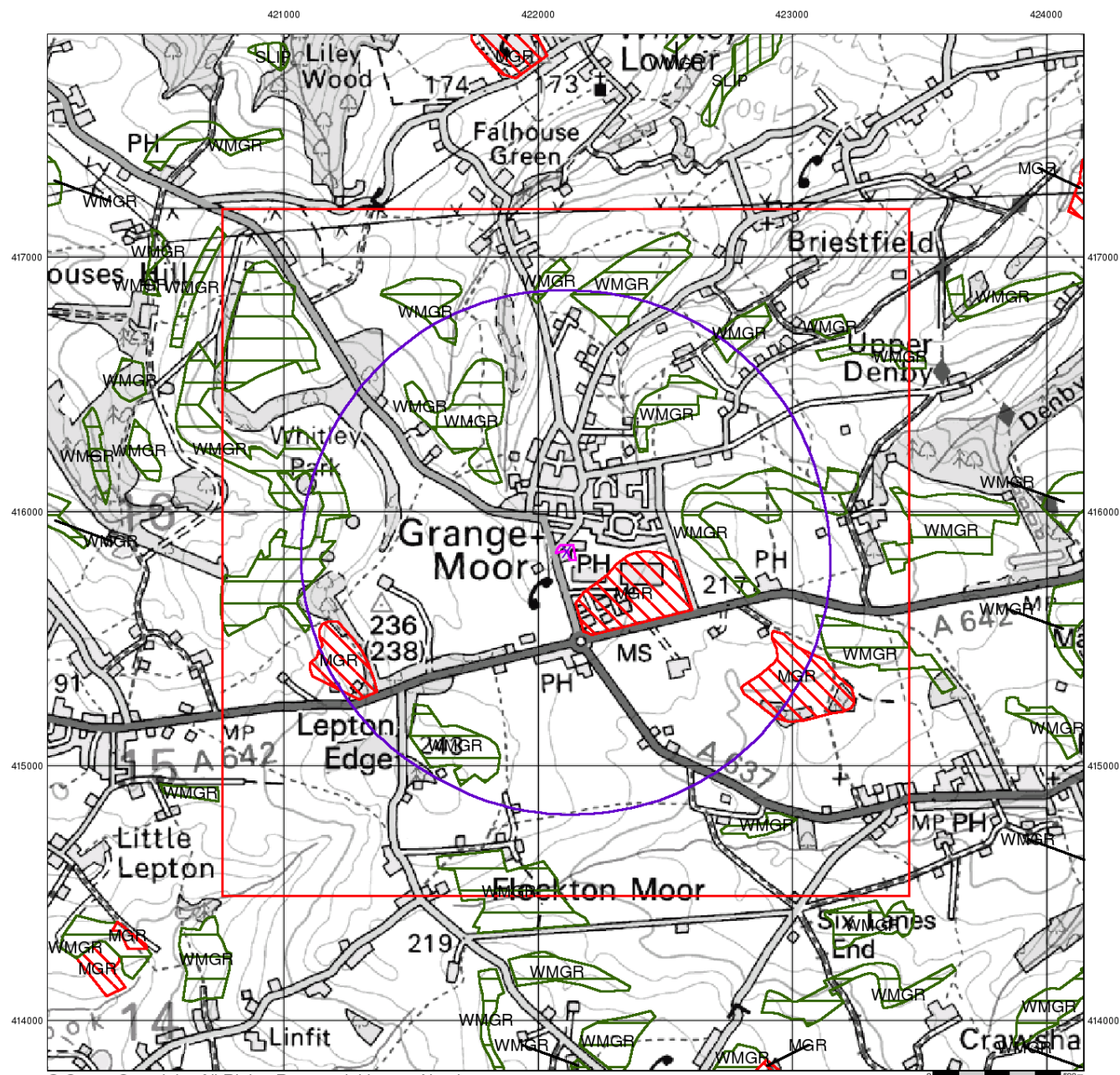
Order Number: 34960891_1_1
Customer Reference: PO-BS-03062011-16
National Grid Reference: 422110, 415840
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details:

New Inn, Bristfield Road, Grange Moor, WAKEFIELD, West Yorkshire, WF4 4DX



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



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



Artificial Ground and Landslip

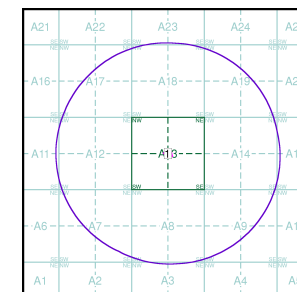
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions 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.
- Infilled 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 foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

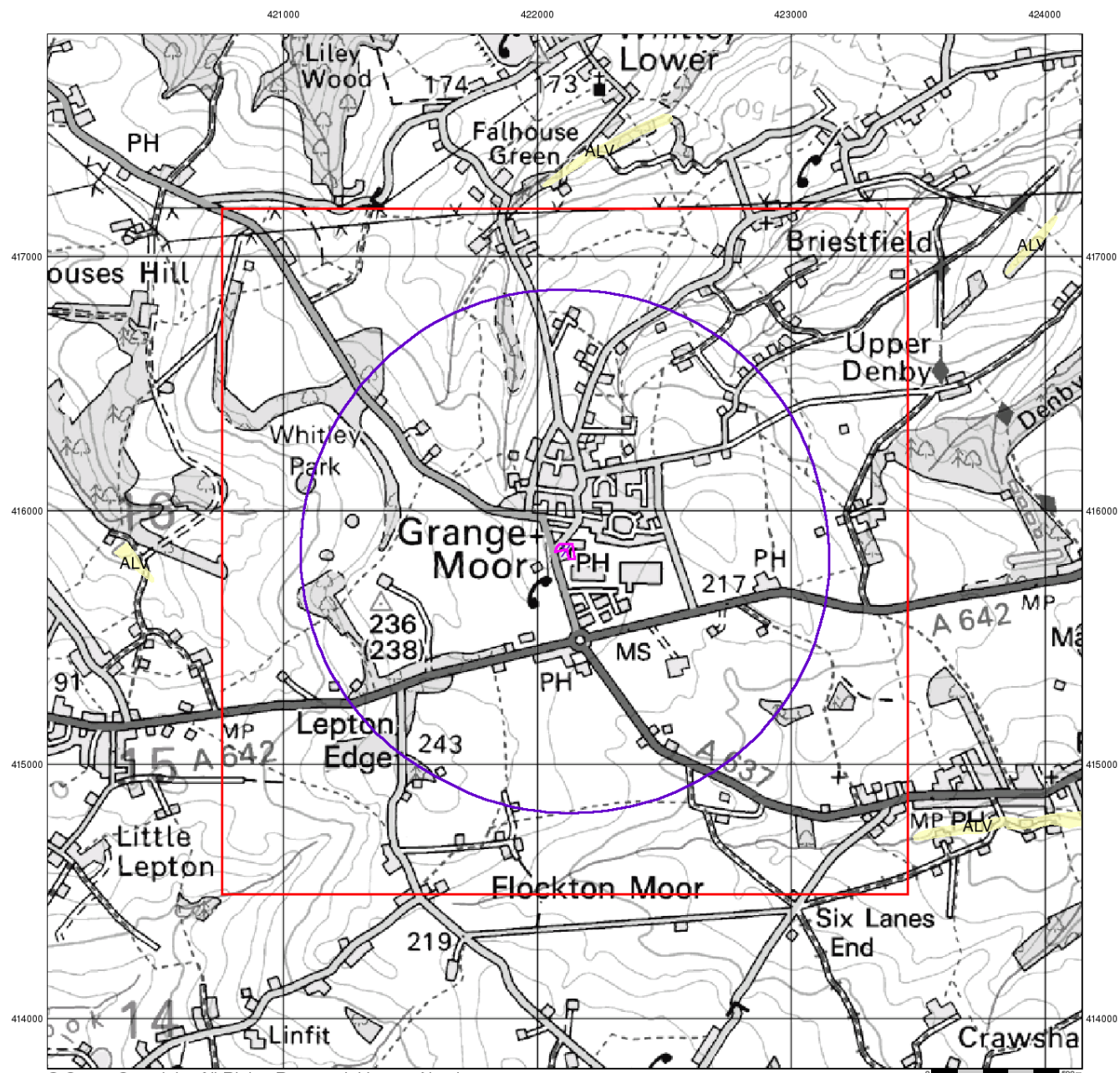
Order Number: 34960891 1 1
 Customer Reference: PO-BS-03062011-16
 National Grid Reference: 422110, 415840
 Slice: A
 Site Area (Ha): 0.25
 Search Buffer (m): 1000

Site Details:

New Inn, Briestfield Road, Grange Moor, WAKEFIELD, West Yorkshire, WF4 4DX



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



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



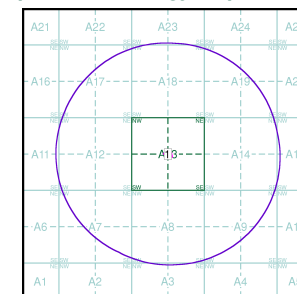
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, 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:

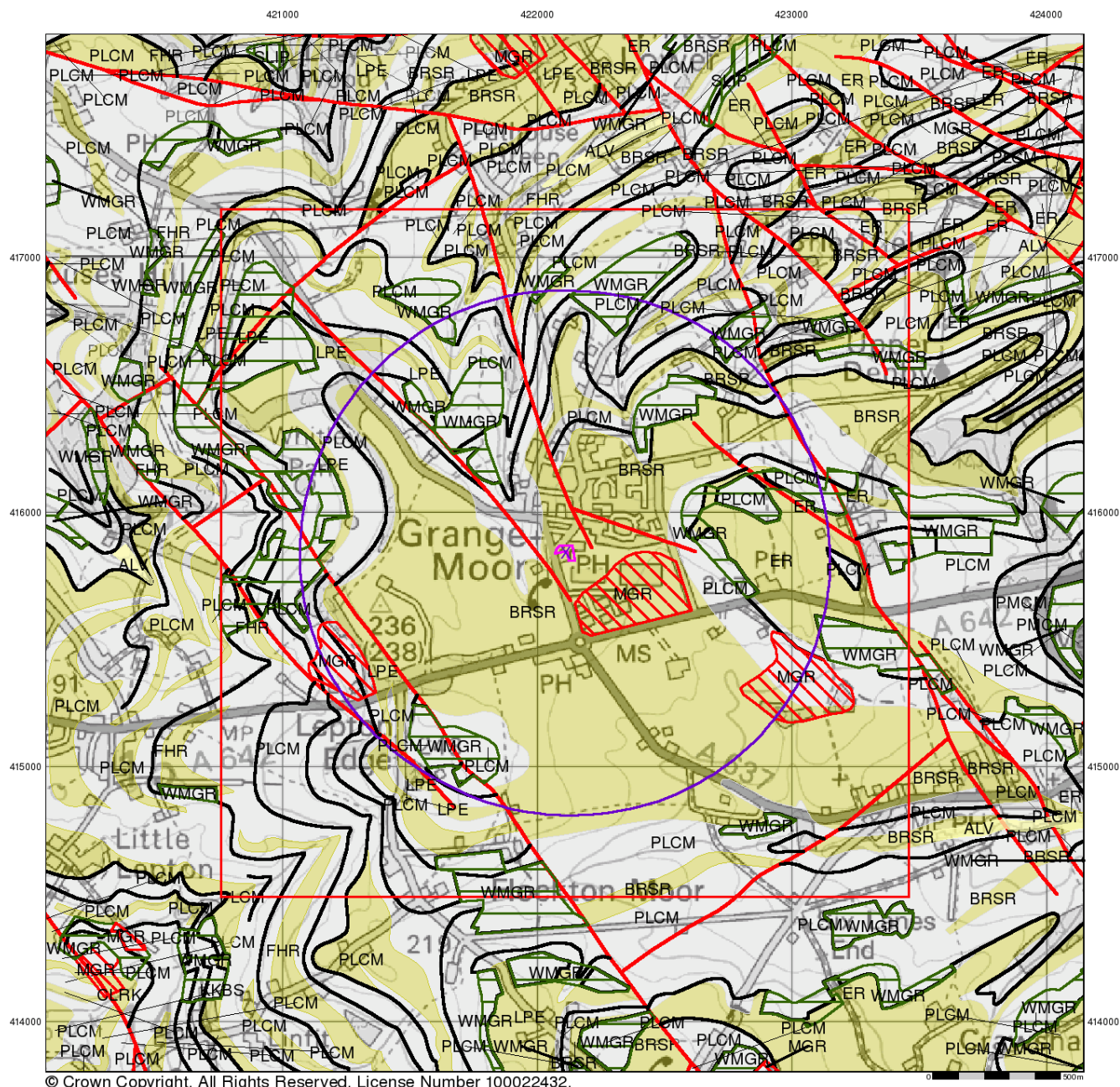
Order Number: 34960891 1 1
 Customer Reference: PO-BS-03062011-16
 National Grid Reference: 422110, 415840
 Slice: A
 Site Area (Ha): 0.25
 Search Buffer (m): 1000

Site Details:

New Inn, Bristfield Road, Grange Moor, WAKEFIELD, West Yorkshire, WF4 4DX



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



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



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.

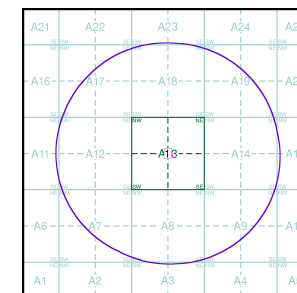
Additional Information

More information on 1:50,000 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



Order Details:

Order Number: 34960891 1 1
Customer Reference: PO-BS-03062011-16
National Grid Reference: 422110, 415840
Slice: A
Site Area (Ha): 0.25
Search Buffer (m): 1000

Site Details:

New Inn, Brierfield Road, Grange Moor, WAKEFIELD, West Yorkshire, WF4 4DX



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