Envirocheck® Geology Maps
A Landmark service

Envirocheck® Report:

Geology 1:50,000 Maps

Order Details:

Order Number:
25974806_1_1

Customer Reference:
2008/035

National Grid Reference:
446040, 308250

Slice:
A

Site Area (Ha):
0.01

Search Buffer (m):
1000

Site Details:

Unit 5, Chestnut Farm, Stanton Lane
Thornton
COALVILLE
Leicestershire
LE67 1AS

Client Details:

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Envi Consulting Ltd
16 The Green
Breedon on the Hill
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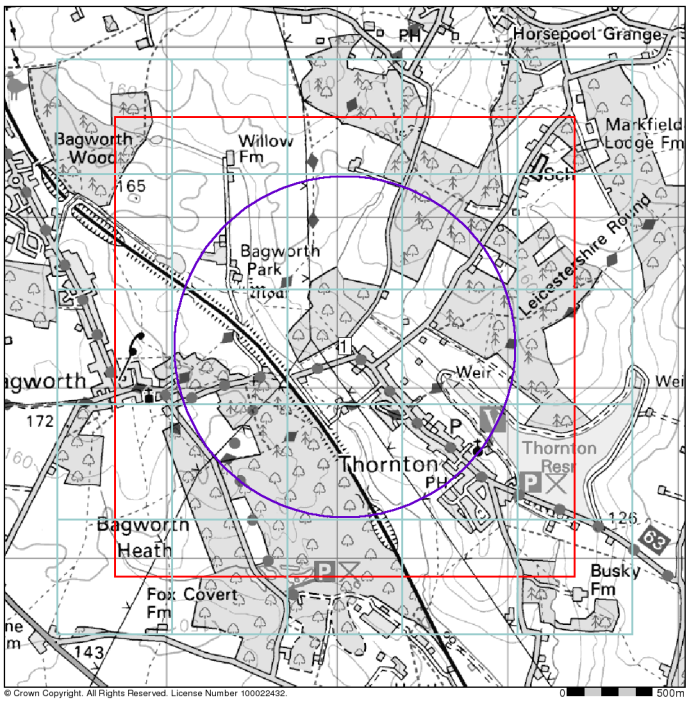
DE73 8AS

Geological Coverage Map

This report is designed for users carrying out preliminary site assessments who require geological maps for the area around a site. The report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial (man-made) and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps. The final map, that of 'Combined Surface Geology', superimposes all these distinct layers into one, producing a map that shows the rocks that occur at the surface just beneath the soil. NOTE: The legend is in chronological order in accordance with the BGS geological age index.

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

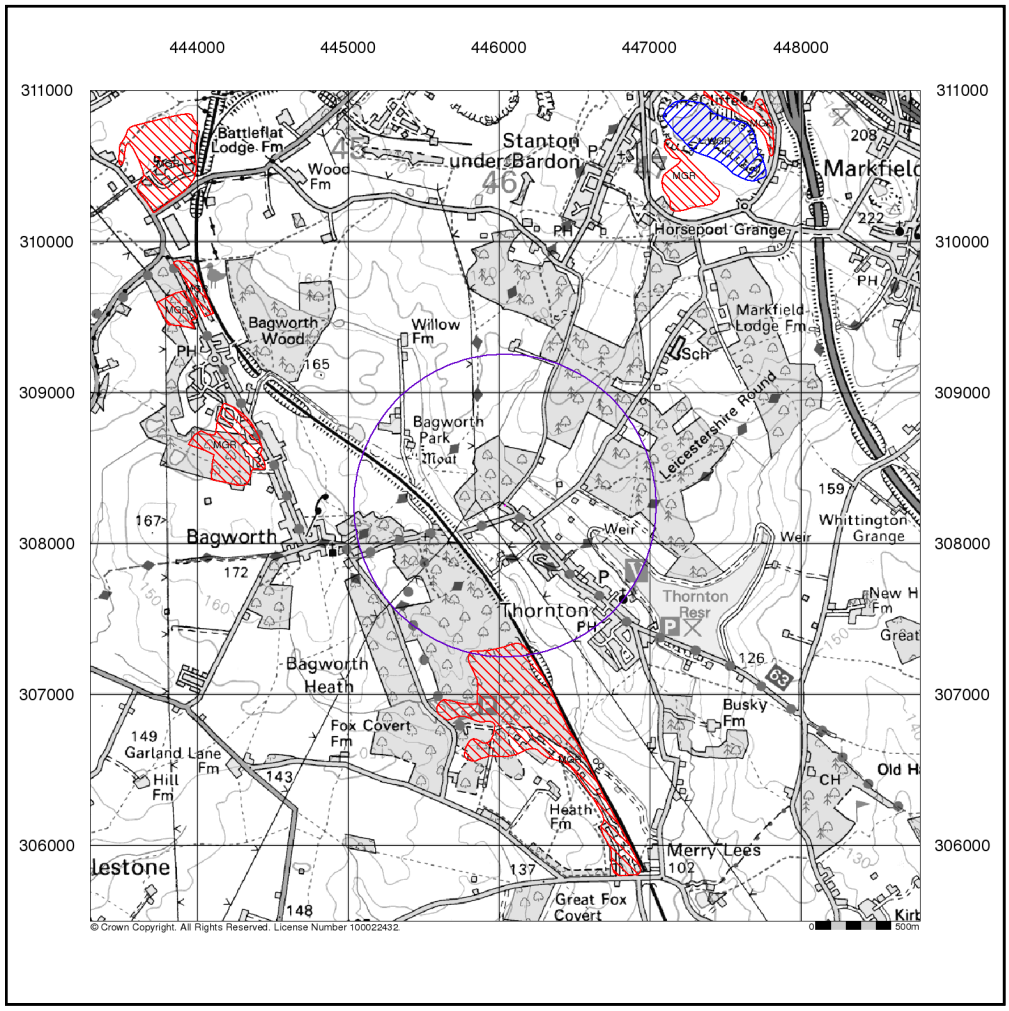


Legend

- 8 Map ID
- Specified Site
- Specified Buffer
- Slice
- Segment within a Slice

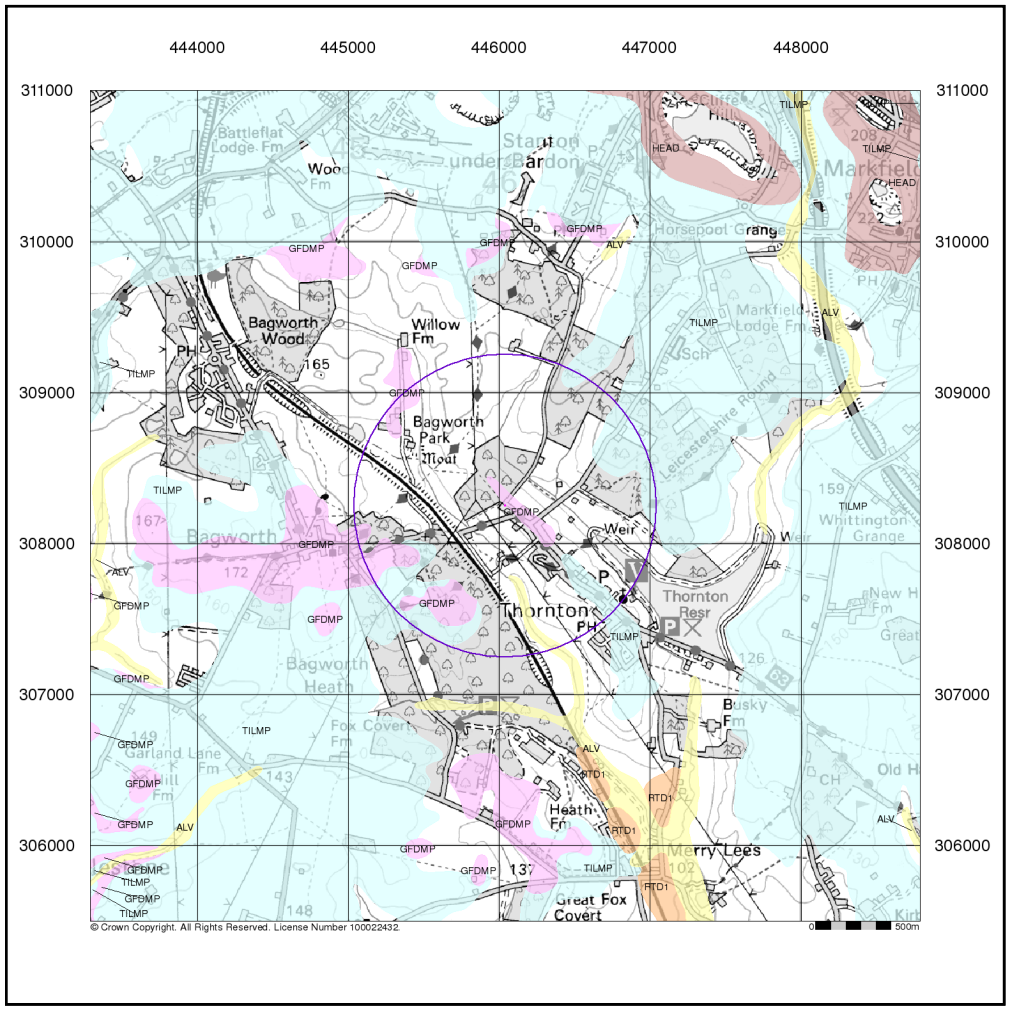
BGS 1:50,000 Geological Mapping Coverage	
Map ID:	1
Map Sheet No:	155
Map Name:	Coalville
Map Date:	1982
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Available
Landslip:	Available
Rock Segments:	Available

Artificial Ground and Landslip Map



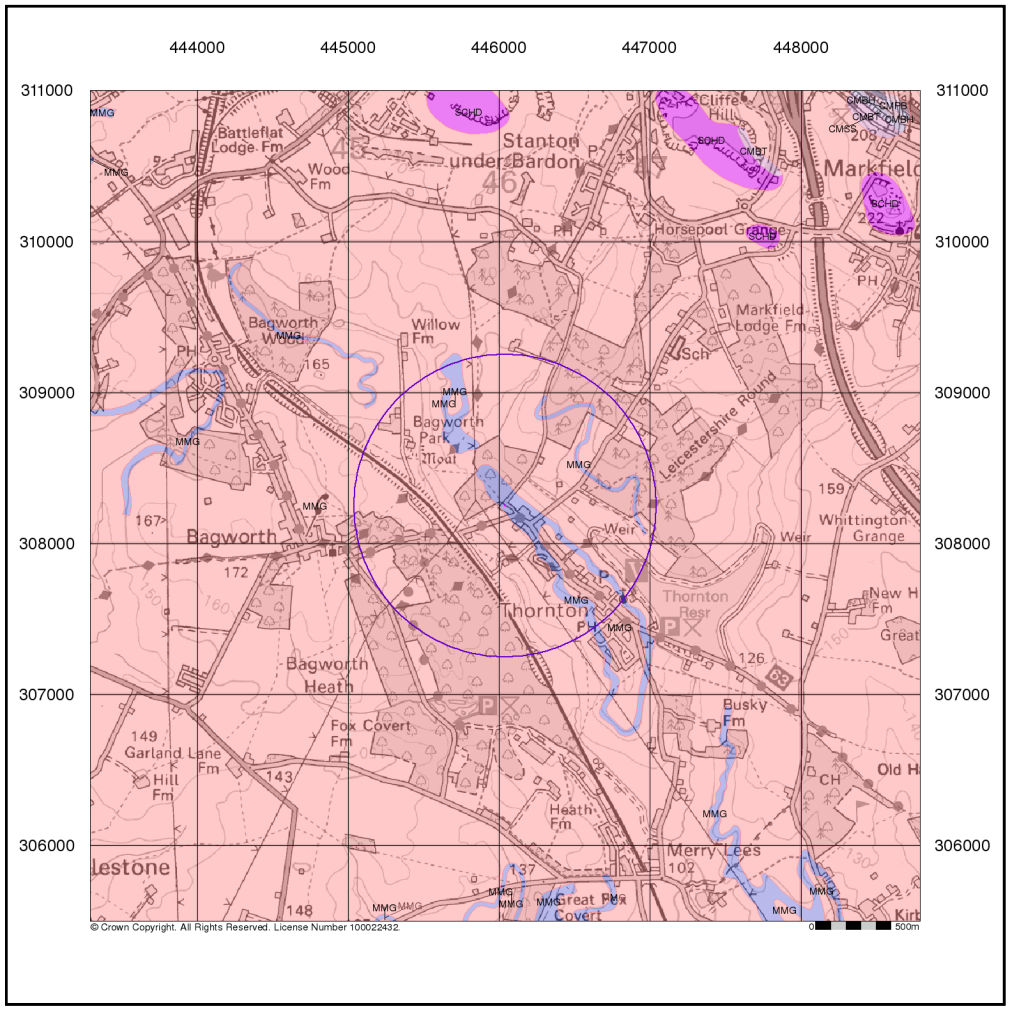
Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Present Day - Present Day
	WGR	Worked Ground (Undivided)	Void	Present Day - Present Day

Superficial Geology Map



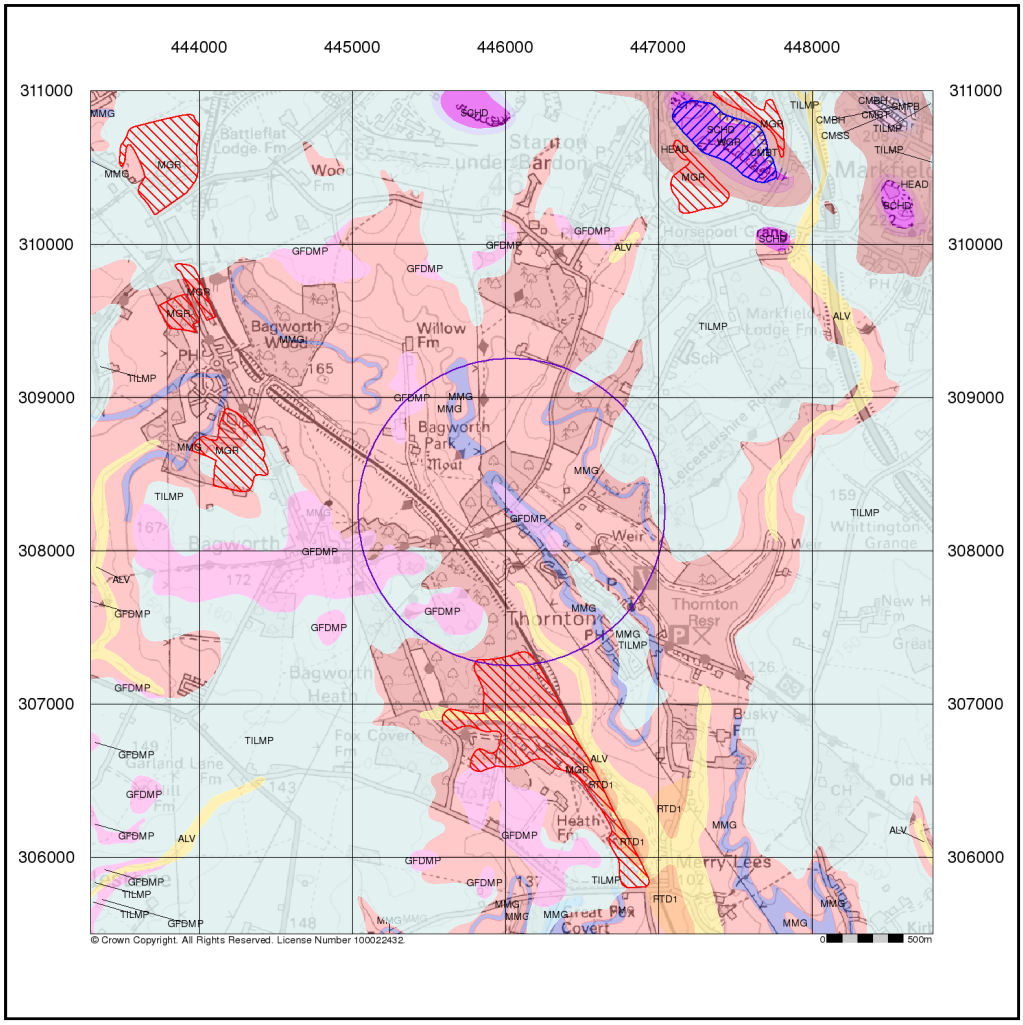
Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Ipswichian - Cromerian
	TILMP	Till, Mid Pleistocene	Diamicton	Ipswichian - Cromerian
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Quaternary - Quaternary
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Quaternary - Quaternary
	HEAD	Head	Clay, Silt, Sand and Gravel	Quaternary - Quaternary

Bedrock and Faults Map



Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MMG	Mercia Mudstone Group	Dolomitic Siltstone	Rhaetian - Scythian
	MMG	Mercia Mudstone Group	Mudstone	Rhaetian - Scythian
	SCHD	South Charnwood Diorites	Diorite	Neoproterozoic III - Neoproterozoic III
	CMBT	Bradgate Formation	Volcaniclastic-siltstone	Neoproterozoic III - Neoproterozoic III
	CMSS	Sliding Stone Slump Breccia Member	Breccia	Neoproterozoic III - Neoproterozoic III
	CMPB	Park Breccia	Volcaniclastic-breccia	Neoproterozoic III - Neoproterozoic III
	CMBH	Beacon Hill Formation	Volcaniclastic-siltstone	Neoproterozoic III - Neoproterozoic III

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.

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