

ATTACHMENT A

SOUTH YORKSHIRE MINING ADVISORY SERVICE

BUILDING REGULATIONS 2000
APPROVED DOCUMENT A - STRUCTURE (2004 EDITION)
REQUIREMENT A2(b) - SUBSIDENCE

Application No: 16/07712/BR

Description: PAIR OF SEMI DEATCHED PROPERTIES

Location: 20 VERNON ROAD, WORSBROUGH

Mining and Geological records have been checked and the comments ticked below are applicable to the site:

There is insufficient surface information on the site plan for a report to be completed.	A1
This site is fully covered by the attached report no.	A2
The conjectured surface position of geological faulting crosses the area as shown on the attached plan.	A3
Fissure problems may be encountered in the underlying sandstone bedrock.	A4
The conjectured outcrop of the coal seam marked on the attached plan may be exposed in the foundations.	A5
The coal seam shown on the plan may be under the proposed development at a shallow depth.	A6 ✓
Shallow mineworkings in the coal seam marked on the attached plan may be present under the site.	A7 ✓
The mine shafts marked on the attached plan are recorded adjacent to the site boundary.	A8
The area marked on the attached plan is shown to be made ground.	A9
The site will be affected by current/future mining.	A10

OTHER REMARKS

YES	NO

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The following recommendations are advised in respect of the site:

Where fault/fissure problems are encountered, the foundations should be suitably designed.	B1
Any coal exposed by building work should be blinded off to prevent spontaneous combustion. Foundations should be made on competent bedrock.	B2
The necessity for an investigation should be balanced against size and type of proposed development/extension. If undertaken, boreholes to a depth of 25m would be recommended in this instance. (Prior consultations with the Coal Authority would be required).	B3
A site investigation should be carried out to check the possible presence of shallow workings/broken ground. Boreholes to a depth of 15m would be recommended in this instance. (Prior consultations with the Coal Authority would be required).	B4 ✓
Ownership of coal mine shafts is vested with the Coal Authority who should be consulted prior to any investigation/measures being undertaken. In any event no building should be sited over the shaft or shaft cap or within an area bounded by a line drawn at 45 degrees back from where the shaft side intersects rockhead.	B5
The foundations may have to be suitably designed as advised by a structural engineer to minimize the effect of historic shallow mine workings. SYMAS has no records regarding existing foundation design.	B6
The nature and suitability of any made ground should be investigated, foundations should be suitably designed	B7
Precautions may be required should development be located over the highwall of the former opencast/quarry site due to the potential for differential settlement occurring.	B8
Although it is not a consideration of the A2(b) requirement all the usual safety precautions and monitoring procedures in respect of fugitive gases (associated with shallow coals, mine entries, made ground or landfill) should be employed.	B9 ✓

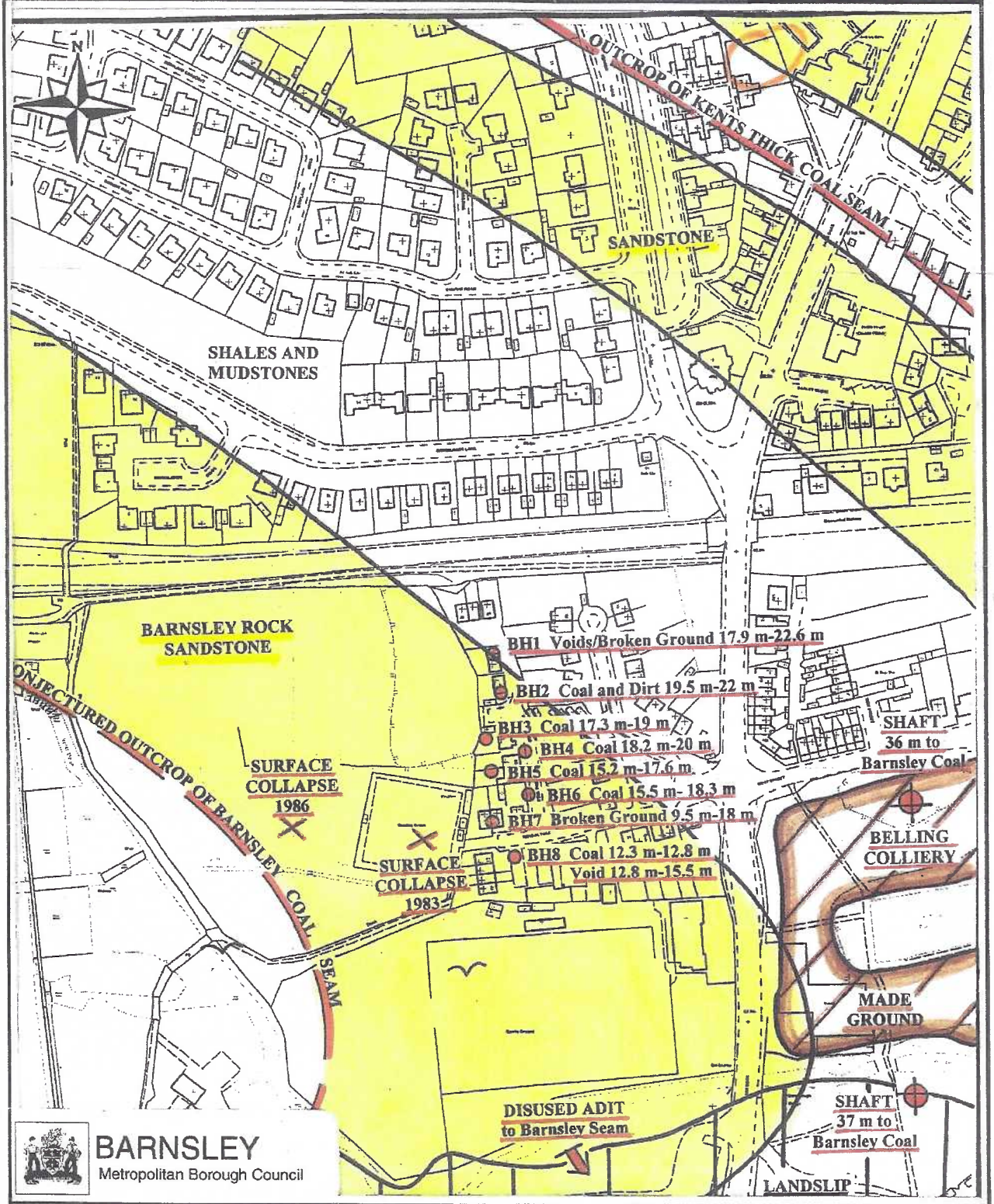
SUMMARY REMARKS

DRAWING TITLE

BUILDING REGULATIONS 2000
APPROVED DOCUMENT A - STRUCTURE (2004 EDITION)
REQUIREMENT A2(b) - SUBSIDENCE

DRAWING NO.

16/0712/BR



BARNSLEY
Metropolitan Borough Council

SCALE	DATE		O.S REFERENCE
1/2500	17 Mar 16	SOUTH YORKSHIRE MINING ADVISORY SERVICE	SE3503.
DRAWN BY	CHECKED BY		P. JAMES BSc (Hons)

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ATTACHMENT B

The Coal Authority

Permit to Enter or Disturb Coal Authority Mining Interests

Permit Reference Number 14140

Name and Address of Permit Holder:

Mr G B Deighton
20 Vernon Road
Worsboroough
Barnsley
S70 5BO

Site Location:

Land to rear of
20 Vernon Road
Worsborough
Barnsley
S70 5BO

This certificate hereby grants the above named Permit Holder a Permit to carry out:-

Investigation of the potential for shallow mine workings associated with Kent Thick seam by three boreholes

within the Authority's mining interests at the identified site location for the period of 12 months from the granted date shown below. The granting of this Permit does not constitute advice given by the Authority in relation to the proposed operations. It is the Applicant's responsibility to obtain appropriate health, safety, environmental, technical and legal advice.

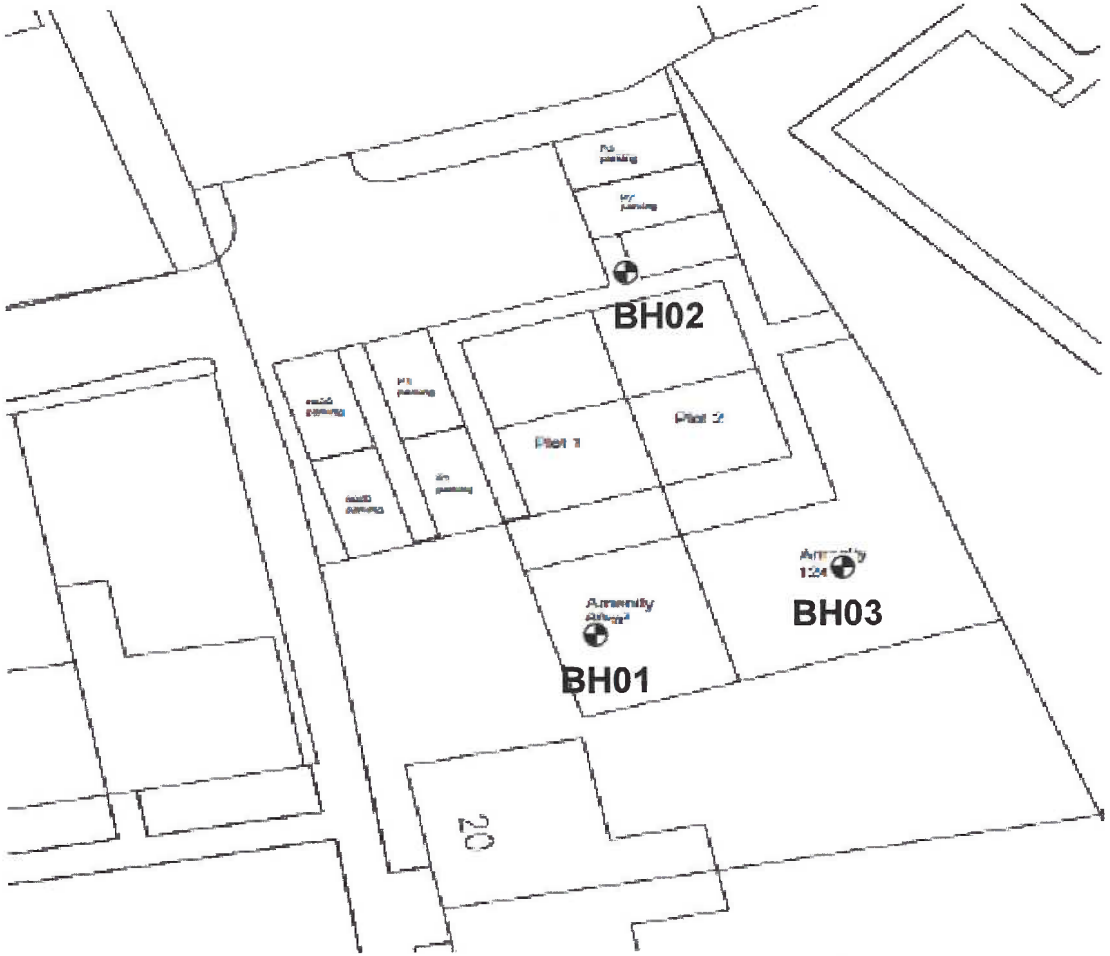
Signed: Paul Heap Granted Date: ***18/05/2017***

For and on behalf of The Coal Authority

Nominated Representative: Paul Heap, Permitting Manager;
The Coal Authority, Permitting Office, 200 Lichfield Lane, Mansfield, Notts, NG18 4RG
Tel: 01623 637339; E-Mail: permissions@coal.gov.uk



ATTACHMENT C



Layout Plan
scale 1:250

Contract Number: C193		Scale NTS	
Contract	Vernon Road - Worsbrough	Drawn by ATS	Approved GS
		Drawing Name: Borehole Location Plan	
Client	Mr G Deighton		

G&M CONSULTING

Client: Mr G B Deighton	Site: Rear of No 20.Vernon road S70 5BO	Cape Site Services Ltd Unit 2, Rear of castle buildings, Carlton Road, Barnsley, South Yorkshire, S71 3HX	
Date: 25/05/2017	METHOD Rotary water flush		

BH no	FROM	TO	THICKNESS	DESCRIPTION
1	0.0	0.5	0.5	Fill topsoil, sandstone, red brick & concrete
	0.5	2.7	2.2	Clay grey/brown mottled
	2.7	4.5	1.8	Mudstone silty grey/brown soft
	4.5	5.0	0.5	Mudstone grey
	5.0	5.5	0.5	Mudstone black
	5.5	7.0	1.5	Mudstone black with grey/brown mottled clay mix some odd red brick & coal flakes soft
	7.0	12.0	5.0	Mudstone grey silty hard
	12.0	12.5	0.5	Lost water no returns hard drilling
	12.5	13.0	0.5	Water back sandstone silty brown
	13.0	13.5	0.5	Sandstone brown with coal 50/50 mix
	13.5	14.3	0.8	Sandstone brown mudstone grey 70/30 mix
	14.3	18.5	4.2	Mudstone grey very silty
	18.5	25	6.5	Lost water no returns solid drilling
				Cased to 1.3m No gases present
2	0.0	0.8	0.8	Fill sand, sandstone lumps with some topsoil
	0.8	3.0	2.2	Fill grey/brown clay & mudstone
	3.0	7.0	4.0	Mudstone grey with some brown sandstone mix possible fill
	7.0	12.0	5.0	Mudstone grey
	12.0	13.0	1.0	Loss of water sandstone orange
	13.0	25.0	12.0	Total water loss no returns solid drilling broken at times
				Cased to 1.4m No gases present
3	0.0	0.5	0.5	Topsoil with some sandstone lumps
	0.5	1.0	0.5	Sandy soil some clay brown/orange
	1.0	2.3	1.3	Clay grey/brown mottled
	2.3	5.7	3.4	Mudstone grey sandstone brown 50/50 mix
	5.7	7.0	1.3	Mudstone grey, clay grey with some sandstone brown, mudstone black mix solid drilling
	7.0	12.4	5.4	Mudstone grey
	12.4	12.6	0.2	Sandstone brown some grey shale
	12.6	13.5	0.9	Lost water no returns solid drilling
	13.6	14.0	0.4	Water back sandstone orange/brown, coal, mudstone black
	14.0	25.0	11.0	Mudstone grey not much returns solid drilling
				Cased to 1.4m No gases present

Driller Ian Wiles	Assistant Driller Neil Gore & Simon Fish
Driller's Signature	Page .....1.....OF.....1.....