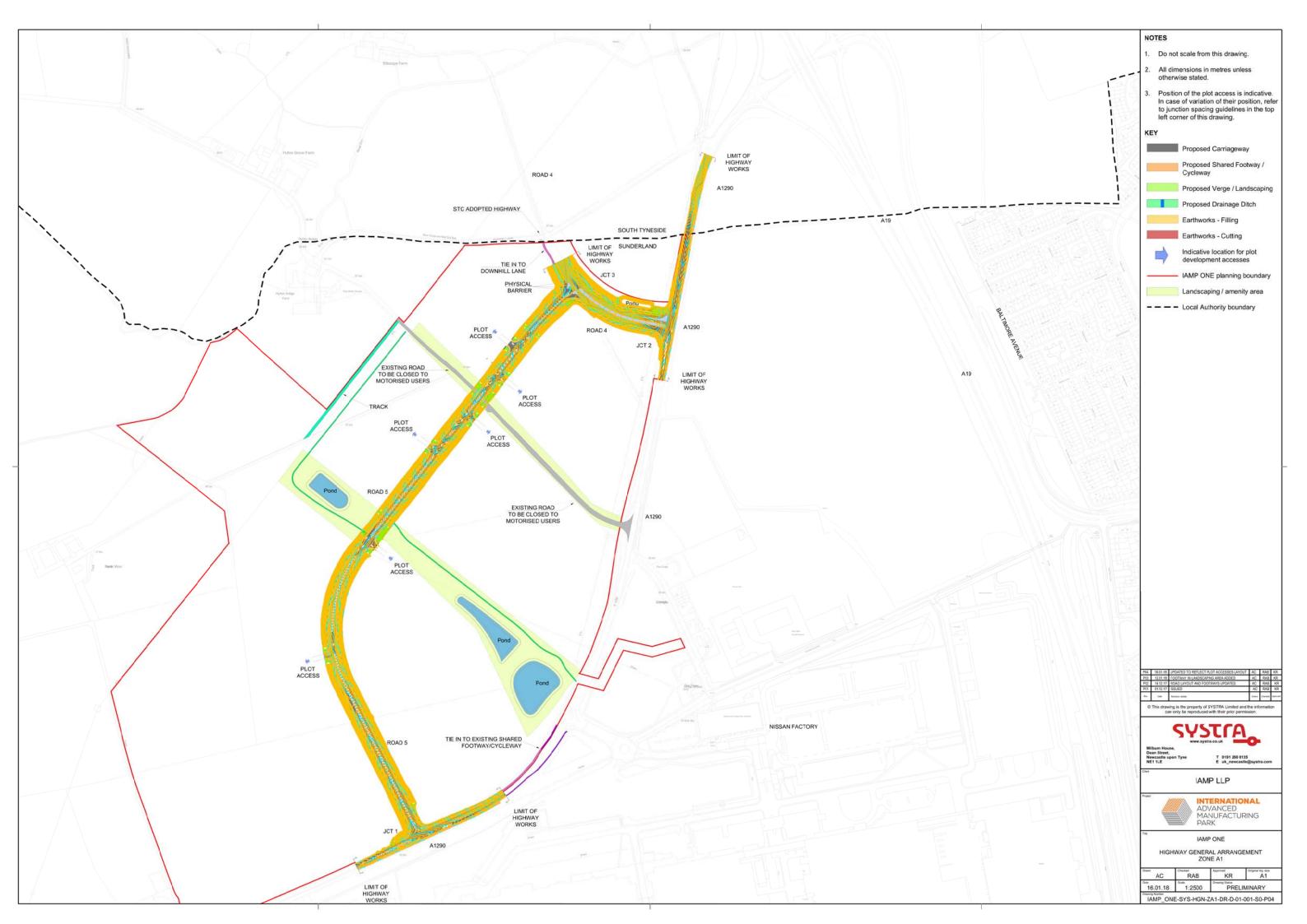
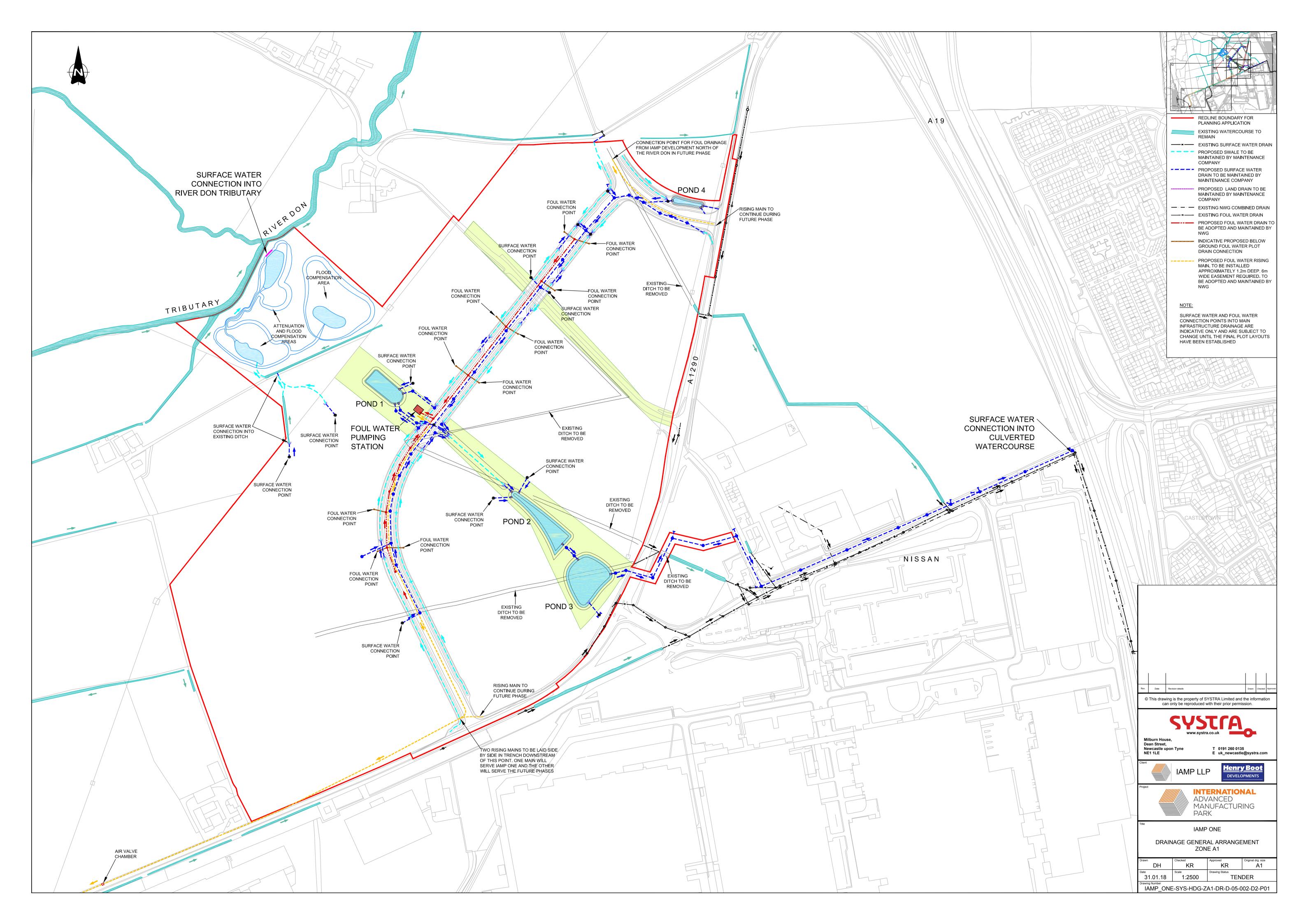




This drawing is to be read in conjuction with all related drawings. Do not scale from this drawing. this drawing is copyright and remains property of URBED (urbanism, environment and design) Ltd.







Appendix B - BGS Borehole Logs



BGS ID: 19282585 : BGS Reference:

NZ35NW1586

British National Grid (27700): 433672,559354

Page 1 of 2 << < Prev

Next >

CLIENT CITY CONSULTANCY SERVICES			JOB NO LOCATION C8829 A1290, WASHINGTON ROAD		ical Sun B	12	
JANUARY 1997 SCALE 1 to 50		BORING METHOD CABLE PERCUSSIVE			Sheet: 1		
rilling & Casing rogress	SAM Type & No.	Depth(M)	SPT N - value or COHESION	DESCRIPTION	O D LEVEL	LEGEND	DEPTH
тн							0.0_
	В	0.30		MADE GROUND—Grass and soil on ash clay &			
	1000	n Geological Survey		rubble fill materials. British Geological Survey			Geological S
	В	0.95					_
	s	1.25	7		_		1.35
				Soft dark brown/black story clayey SOL			1.65
	В	1.80		Stiff reddish brown & grey fine stoned		- × × · × · × · ×	
	U	2.00	182.10	silty CLAY. Becoming more sondy with		- × × - × ×	-
ritish Geol	gical Survey			dept Reological Survey	British Geolo		
	В	2.70				**************************************	
	u	3.00	225.90			~ * * · · · · · · · · · · · · · · · · ·	144
						~× ~ ~ ×	
					8	~ % ~ %	_
						- × × · × · ×	
	Britis	Geological Survey		British Geological Survey		- × × - × ×	seological S
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Iritish Geol	ogical Survey		_	Stiff becoming firm sandy silty	British Geolo	K — X — X	
	S	6.00	7	laminated CLAY with occasional gravel		*_* *_*	
				and moist sand partings.		* - × - ×	_
	1					* - × - ×	
						× × × ×	_
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UNEL	M DRILL	ING COMPA	NY		BOR	EHOLE	
		534 FAX0191			LOG	SHEET	
	ervations, Re	marks, Eta h Geological Survey		British Geological Survey	-	Rritish	Seological S
Borehole	. u.y.					DINISH	overegical 5
xcavati	na trial pit	by hand to che	eck for services	to 120m			

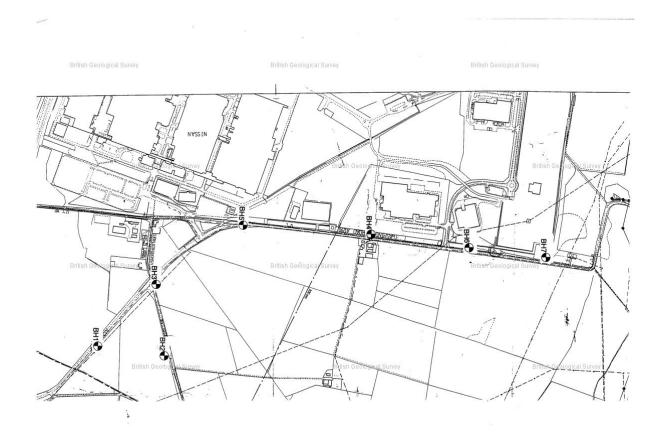


BGS ID: 19282585 : BGS Reference:

NZ35NW1586

British National Grid (27700): 433672,559354







BGS ID: 829637 : BGS Reference:

NZ35NW77/245

British National Grid (27700): 434147,559863

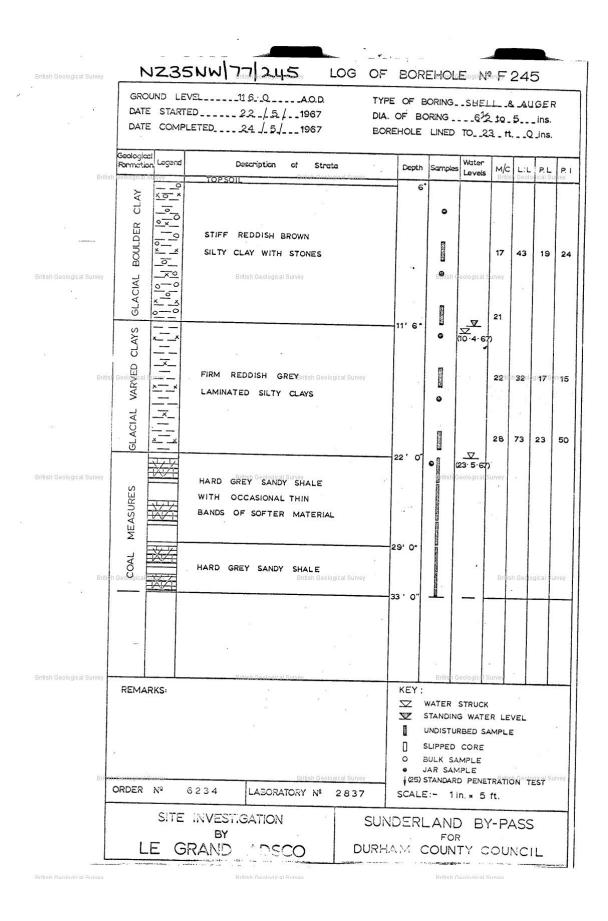


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Page 1 of 6

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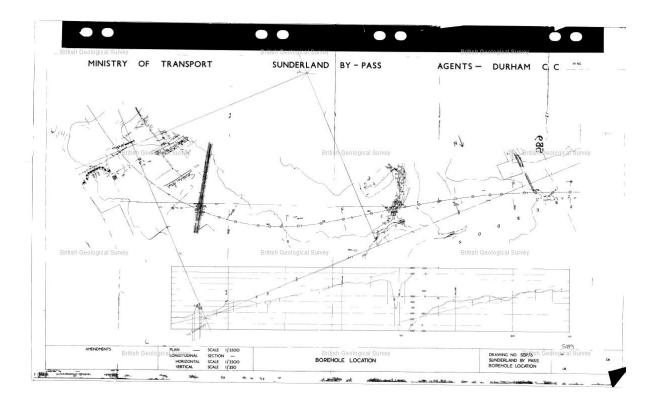


BGS ID: 829637 : BGS Reference:

NZ35NW77/245

British National Grid (27700): 434147,559863

Page 6 of 6 < Prev Next >



Appendix C – Coal Authority Mining Report



Issued by:

DEVON EX2 7HY

The Coal Authority, Property Search Services, 200 Lichfield Lane, Berry Hill, Mansfield, Nottinghamshire, NG18 4RG Website: www.groundstability.com Phone: 0845 762 6848 DX 716176 MANSFIELD 5

LANDMARK INFORMATION GROUP Our reference: 51000538877001 LIMITED Your reference: 56697159 1 **SOWTON INDUSTRIAL ESTATE** Date of your enquiry: 28 May 2014 **ABBEY COURT** Date we received your enquiry: 28 May 2014 **UNIT 5/7 EAGLE WAY** Date of issue: 30 May 2014 **EXETER**

This report is for the property described in the address below and the attached plan.

Non-Residential Coal Authority Mining Report SOUTH TYNESIDE, TYNE & WEAR,

This report is based on and limited to the records held by, the Coal Authority, and the Cheshire Brine Subsidence Compensation Board's records, at the time we answer the search.

Coal mining	See comments below
Brine Compensation District	No

Information from the Coal Authority

Underground coal mining

Past

The property is in the likely zone of influence from workings in 8 seams of coal at 190m to 570m depth, and last worked in 1981.

Any ground movement from these coal workings should have stopped by now.

In addition the property is in an area where the Coal Authority believe there is coal at or close to the surface. This coal may have been worked at some time in the past. The potential presence of coal workings at or close to the surface should be considered prior to any site works or future development activity. Your attention is drawn to the Comments on Coal Authority Information section of the report.

Present

The property is not in the likely zone of influence of any present underground coal workings.

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Future

The property is not in an area for which the Coal Authority is determining whether to grant a licence to remove coal using underground methods.

The property is not in an area for which a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area that is likely to be affected at the surface from any planned future workings.

However, reserves of coal exist in the local area which could be worked at some time in the future.

No notice of the risk of the land being affected by subsidence has been given under section 46 of the Coal Mining Subsidence Act 1991.

Mine entries

Within, or within 20 metres of, the boundary of the property there is 1 mine entry, the approximate position of which is shown on the attached plan.

Our records disclose the following information:

431560-001. this shaft was capped 29/6/75 and subsequently used for water measurement and methane drainage was filled and recapped 10/1/1980.

Records may be incomplete. Consequently, there may exist in the local area mine entries of which the Coal Authority has no knowledge.

For an additional fee, the Coal Authority will provide a supplementary Mine Entry Interpretive Report. The report will provide a separate assessment for the mine entry (entries) referred to in this report. It will give details based on information in the Coal Authority's possession, together with an opinion on the likelihood of mining subsidence damage arising from ground movement as a consequence of the existence of the mine entry/entries. It will also give details of the remedies available for subsidence damage where the mine entry was sunk in connection with coal mining. Please note that it may not be possible to produce a report if the main building to the property cannot be identified from Coal Authority plans (ie. for development sites and new build).

For further advice on how to order this additional information visit www.groundstability.com or telephone 0845 7626 848.

Coal mining geology

The Authority is not aware of any evidence of damage arising due to geological faults or other lines of weakness that have been affected by coal mining.

Opencast coal mining

Past

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

Present

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

Future

The property is not within 800 metres of the boundary of an opencast site for which the Coal Authority is determining whether to grant a licence to remove coal by opencast methods.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres, since 31st October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

--

The Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

Mine gas

There is no record of a mine gas emission requiring action by the Coal Authority within the boundary of the property.

Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Authority, under its Emergency Surface Hazard Call Out procedures.

Withdrawal of support

The property is in an area for which notices of entitlement to withdraw support were published in 1946. 1948.

The property is not in an area for which a notice has been given under section 41 of the Coal Industry Act 1994, revoking the entitlement to withdraw support.

Working facilities orders

The property is not in an area for which an Order has been made under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

Payments to owners of former copyhold land

The property is not in an area for which a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Comments on Coal Authority information

The attached plan shows the approximate location of the disused mine entry/entries referred to in this report. For reasons of clarity, mine entry symbols may not be drawn to the same scale as the plan.

Property owners have the benefit of statutory protection (under the Coal Mining Subsidence act 1991*). This contains provision for the making good, to the reasonable satisfaction of the owner, of physical damage from disused coal mine workings including disused coal mine entries. A leaflet setting out the rights and the obligations of either the Coal Authority or other responsible persons under the 1991 Act can be obtained by telephoning 0845 762 6848 or online at www.coal.decc.gov.uk/en/coal/cms/services/claims.

If you wish to discuss the relevance of any of the information contained in this report you should seek the advice of a qualified mining engineer or surveyor. If you or your adviser wish to examine the source plans from which the information has been taken these are normally available at our Mansfield office, free of charge, by prior appointment, telephone 01623 637235. Should you or your adviser wish to carry out any physical investigations that may enter, disturb or interfere with any disused mine entry the prior permission of the owner must be sought. For coal mine entries the owner will normally be the Coal Authority.

The Coal Authority, regardless of responsibility and in conjunction with other public bodies, provide an emergency call out facility in coalfield areas to assess the public safety implications of mining features (including disused mine entries). Our emergency telephone number at all times is 01623 646333.

*Note, this Act does not apply where coal was worked or gotten by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester.

In view of the mining circumstances a prudent developer would seek appropriate technical advice before any works are undertaken.

--

Therefore if development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply good engineering practice developed for mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or mines of coal without the permission of the Coal Authority. Developers should be aware that the investigation of coal seams/former mines of coal may have the potential to generate and/or displace underground gases and these risks both under and adjacent to the development should be fully considered in developing any proposals. The need for effective measures to prevent gases entering into public properties either during investigation or after development also needs to be assessed and properly addressed. This is necessary due to the public safety implications of any development in these circumstances.

Information from the Cheshire Brine Subsidence Compensation Board

The property lies outside the Cheshire Brine Compensation District.

Additional Remarks

This report is prepared in accordance with the Law Society's Guidance Notes 2006, the User Guide 2006 and the Coal Authority and Cheshire Brine Board's Terms and Conditions 2006. The Coal Authority owns the copyright in this report. The information we have used to write this report is protected by our database right. All rights are reserved and unauthorised use is prohibited. If we provide a report for you, this does not mean that copyright and any other rights will pass to you. However, you can use the report for your own purposes.

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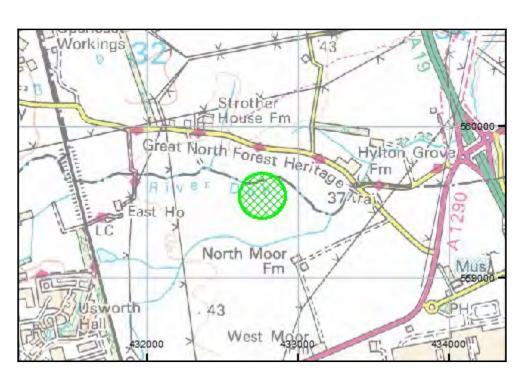
Map images are being sent under separate cover

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Page 5 of 5



Approximate position of property



Enquiry boundary

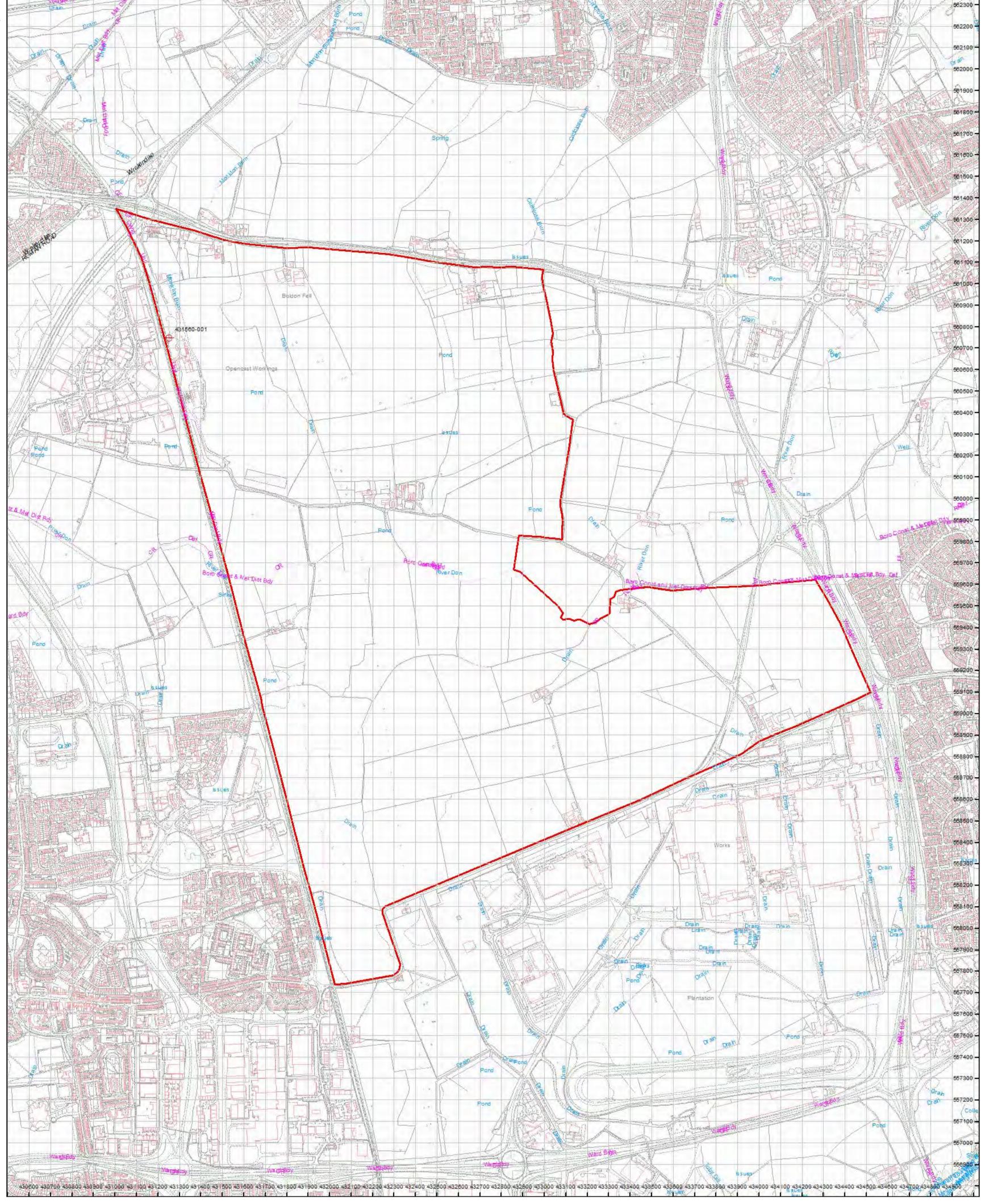
Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2014. All rights reserved. Ordnance Survey Licence number: 100020315

Key

Approximate position of enquiry boundary shown

Disused Adit or Mineshaft

1 +



Mapping ordnance sourced from

Project number: 60283414

Appendix D – EA Flood Mapping





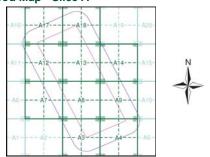
General

- Specified Site
- Specified Buffer(s)
- X 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

Order Number: 71943691_1_1
Customer Ref: B0140301
National Grid Reference: 434150, 559770
Slice: A

Site Area (Ha): 149.15 Search Buffer (m): 250

Site Details

Site at 434152,559771



0844 844 9952 : 0844 844 9951 b: www.envirochecl

A Landmark Information Group Service v47.0 01-Sep-2015 Page 2 of 5

Craig Carter
Principal Geotechnical Engineer
T: 0191 224 6500

AECOM Limited One Trinity Gardens First Floor Quayside Newcastle-upon-Tyne NE1 2HF UK

T: +44 (191) 224 6500 aecom.com