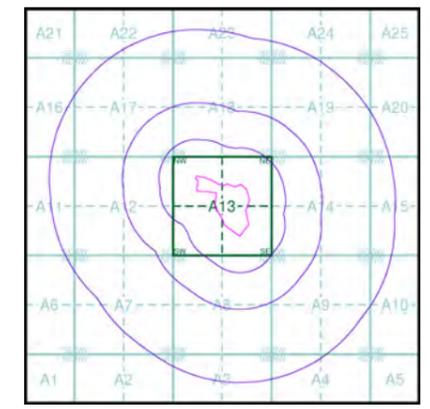




- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention and Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control 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 (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
 - NIHNS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site

Site Sensitivity Map - Slice A



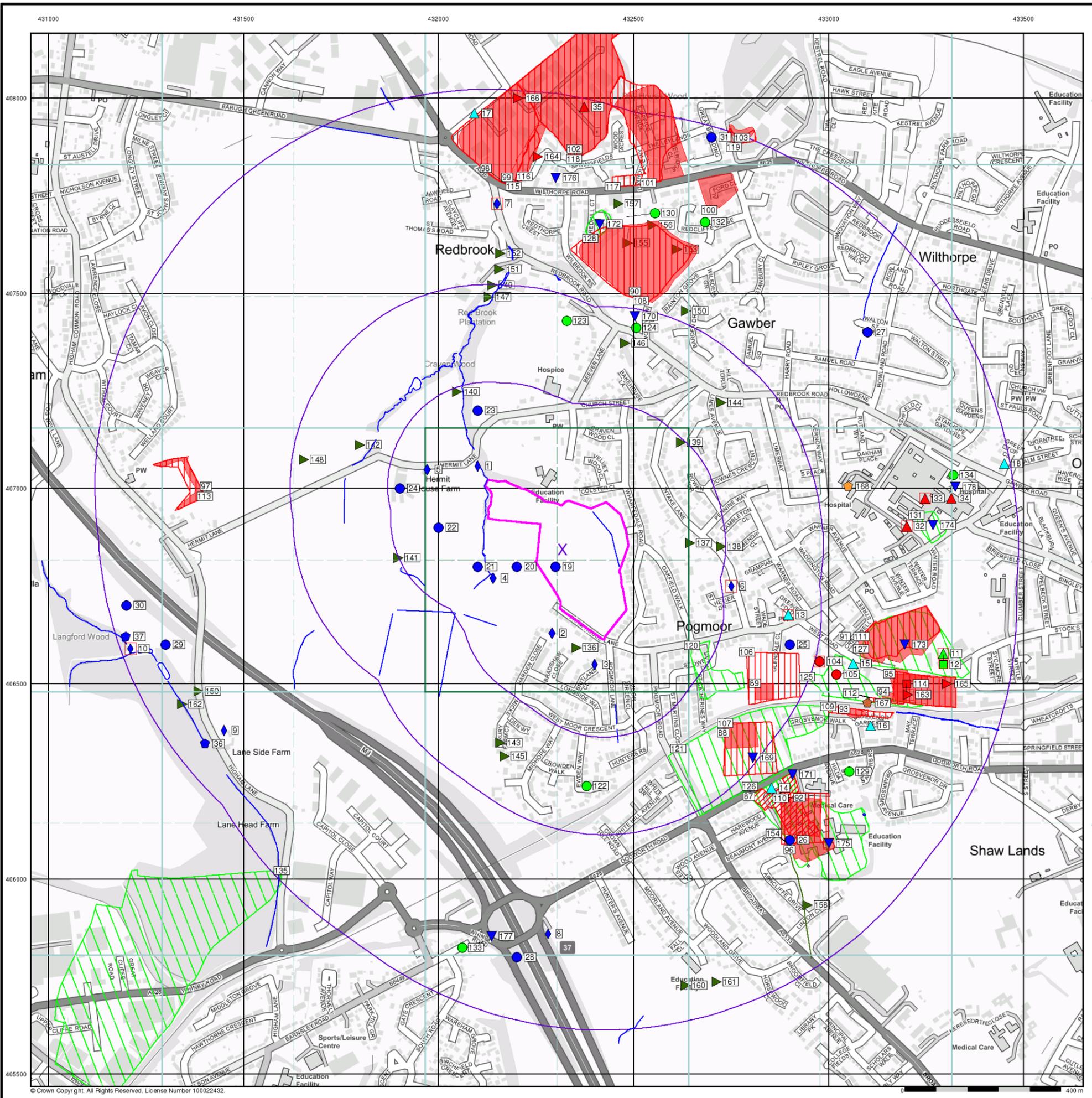
Order Details

Order Number: 300379115_1_1
 Customer Ref: 4454
 National Grid Reference: 432320, 406840
 Slice: A
 Site Area (Ha): 7.29
 Search Buffer (m): 1000

Site Details
 Pogmore Lane, Barnsley West



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



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General

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

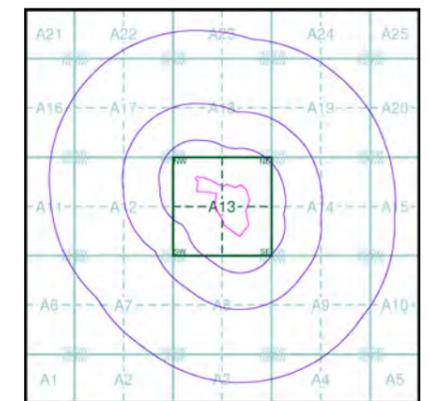
OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

Contours (height in meters)

- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

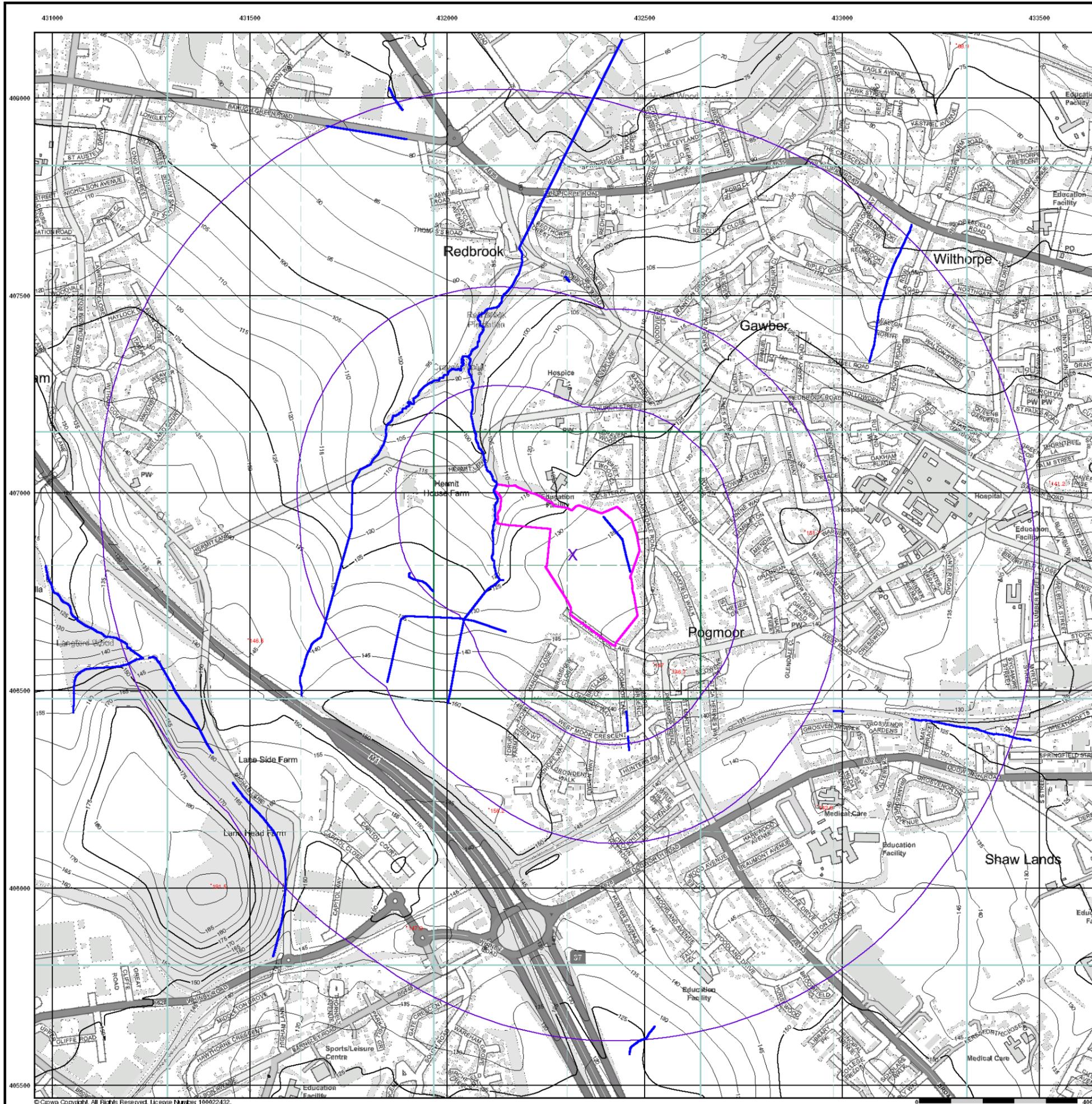
Order Number: 300379115_1_1
 Customer Ref: 4454
 National Grid Reference: 432320, 406840
 Slice: A
 Site Area (Ha): 7.29
 Search Buffer (m): 1000

Site Details

Pogmore Lane, Barnsley West



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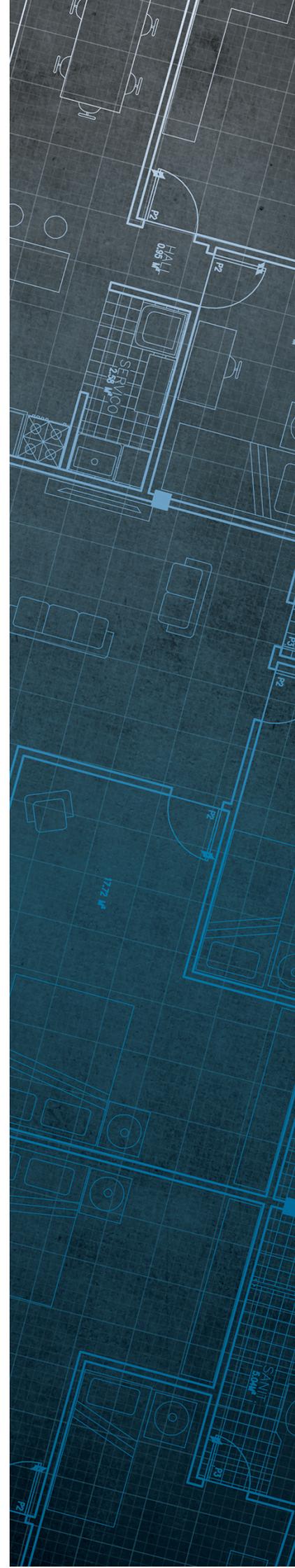
The Coal
Authority

Consultants Coal Mining Report

Pogmore Lande, Barnsley
West South Yorkshire

Date of enquiry: 25 August 2022
Date enquiry received: 25 August 2022
Issue date: 25 August 2022

Our reference: 51003307320001
Your reference: 300379115_2



Consultants Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

NLIS Hub

Enquiry address

Pogmore Lane, Barnsley West
South Yorkshire

How to contact us

0345 762 6848 (UK)
+44 (0)1623 637 000 (International)

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

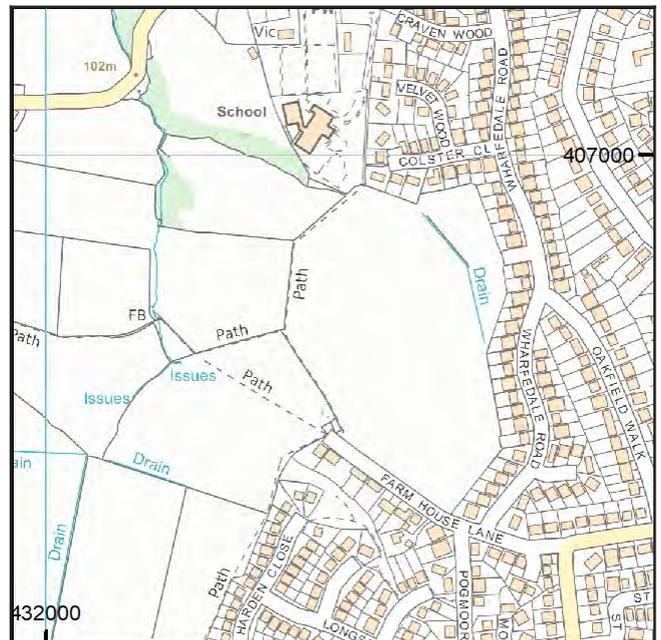
www.groundstability.com

 @coalauthority

 /company/the-coal-authority

 /thecoalauthority

 /thecoalauthority



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
POGMOOR	BARNSLEY	Coal	6Z77	4	Beneath Property	4.7	North-East	297	1926
FARMHOUSE LANE	BARNSLEY	Coal	6Z78	5	Beneath Property	2.6	North-East	295	1910
FARMHOUSE LANE	BARNSLEY	Coal	6Z79	16	Beneath Property	2.5	North-East	297	1900
DODWORTH	FLOCKTON THICK	Coal	6Z6U	132	Beneath Property	4.1	North-East	76	1950
DODWORTH	FLOCKTON THICK	Coal	6Z7Q	135	Beneath Property	3.6	North-East	69	1950
DODWORTH	FLOCKTON THICK	Coal	6Z7R	141	Beneath Property	3.2	North-East	70	1954
DODWORTH	TOP FENTON	Coal	6Z6S	171	Beneath Property	4.7	North-East	81	1932
DODWORTH	TOP FENTON	Coal	6Z7U	174	Beneath Property	2.7	South	86	1936
DODWORTH	TOP FENTON	Coal	6Z7S	181	South	4.6	North-East	91	1935
DODWORTH	PARKGATE	Coal	6Z7X	200	Beneath Property	4.7	North-East	137	1921
DODWORTH	SILKSTONE	Coal	6NHS	261	West	3.9	North-East	105	1977
DODWORTH	SILKSTONE	Coal	6Z70	265	Beneath Property	4.3	North-East	105	1971
DODWORTH	SILKSTONE	Coal	6Z7Z	266	Beneath Property	2.6	East	105	1944
ROB ROYD	SILKSTONE	Coal	6Z80	281	Beneath Property	4.1	North-East	176	1933
DODWORTH	SILKSTONE	Coal	4VL6	284	Beneath Property	3.7	North-East	105	1972
WOOLLEY/REDBR OOK	WHINMOOR	Coal	6Z72	316	Beneath Property	4.8	North-East	107	1974
WOOLLEY	WHINMOOR	Coal	6NLS	318	North-West	4.3	North-East	107	1974
WOOLLEY	WHINMOOR	Coal	6Z7H	327	South-West	3.8	North-East	109	1969
WOOLLEY/REDBR OOK	WHINMOOR	Coal	6Z75	338	North-East	4.7	North-East	110	1977
WOOLLEY/REDBR OOK	WHINMOOR	Coal	6Z7I	349	North-East	3.3	North-East	105	1977

Probable unrecorded shallow workings

Yes.

Spine roadways at shallow depth

Distance to spine roadway (m)	Direction to spine roadway
Within	N/A

Mine entries

Entry type	Reference	Grid reference	Treatment description	Mineral	Conveyancing details
Shaft	432406-002	432364 406628		Coal	
Adit	432406-011	432302 406721		Coal	
Shaft	432406-012	432423 406995		Coal	
Shaft	432406-013	432452 406972		Coal	
Shaft	432406-014	432413 406745	has probably been removed to some extent by opencast mining	Coal	
Adit	432406-015	432298 406795		Coal	
Adit	432406-016	432305 406777		Coal	
Adit	432406-017	432280 406747		Coal	
Adit	432406-018	432324 406686		Coal	
Adit	432406-019	432349 406680		Coal	
Shaft	432406-020	432507 406628	was not encountered during drilling works undertaken by Abatech prior to development in 2007. We have no record of what steps, if any, have been taken to treat this shaft	Coal	
Shaft	432406-021	432509 406615		Coal	
Shaft	432406-031	432519 406627		Coal	
Shaft	432407-019	432435 407008		Coal	

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

12461	NE3	FGB6
NE565	7698	18305
FGB148	NE584	NE375

Our records show we have more plans than those shown above which could affect the enquiry boundary.

Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
BARNSLEY	Coal	Yes	2.1	North-West	12
BARNSLEY	Coal	Yes	Within	N/A	39
DUNSIL	Coal	Yes	40.2	West	16
DUNSIL	Coal	Yes	Within	N/A	342

Geological faults, fissures and breaklines

Please refer to the 'Summary of findings' map (on separate sheet) for details of any geological faults, fissures or breaklines either within or intersecting the enquiry boundary.

Faults under or close to the property recorded.

Opencast mines

Please refer to the "Summary of findings" map (on separate sheet) for details of any opencast areas within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

Distance to site investigation (m)	Direction
31.9	South

See Section 4 for further information.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

There are 2 claim(s) within 50 metres of the property boundary that do not match the property address. These are shown on the enquiry boundary plot.

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

The Coal 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.

If further subsidence damage claims information is required, please visit www.groundstability.com.

See Section 4 for further information.

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

Withdrawal of support notices

The property is in an area where a notice to withdraw support was given in 1976.

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

Payments to owners of former copyhold land

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

Section 4 – Further information

The following potential risks have been identified and as part of your risk assessment should be investigated further.

Development advice

The site is within an area of historical coal mining activity. Should you require advice and/or support on understanding the mining legacy, its risks to your development or what next steps you need to take, please contact us.

Site investigations

The site is within an area of previous interest. It is close to where the Coal Authority has received information relating to past site investigations.

The site requires further investigation and may influence how you approach your risk assessment.

Coal mining subsidence

The site is within an area of previous interest. It is close to where the Coal Authority or licensed mine operator has investigated and where necessary remediated issues relating to coal mining subsidence.

The site requires further investigation and may influence your risk assessment. We recommend that you order the appropriate **Coal Authority Subsidence Claims Report**, which will include more information about the hazard.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.gov.uk.

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk**.

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

Opencast mines

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission.

Mine water treatment schemes

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices

Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices

Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land

Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

The map highlights any specific surface or subsurface features within or near to the boundary of the site.

Key

- Approximate position of the enquiry boundary shown 
- Disused mine shaft 
- Disused adit 
- Outcrop (Conjectured) 
- Geological faults 
- Unlicensed opencast site 
- Site investigations 
- Coal claim 



Appendix F
Trial Pit Logs

Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432264.10 - 406814.48 Level: 132.60	Date 03/10/2022
Location: Barnsley West	Dimensions (m): <input type="text"/>		Scale 1:25
Client: Strata Homes	Depth 3.50		Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	D&B		0.25	132.35		MADE GROUND: Greyish brown slightly gravelly CLAY. Gravel is subangular fine of mudstone and occasional coal and burnt shale. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.50	D&B	HVP=150				MADE GROUND: Stiff light brown mottled dark brown and grey slightly gravelly CLAY. Gravel is angular to subangular fine of mudstone and occasional coal. (COHESIVE OPENCAST BACKFILL)
	0.70	J,K&T	HVP=104				
	1.90	D&B		1.70	130.90		MADE GROUND: Reddish brown clayey gravelly SAND. Gravel is angular to subrounded fine to coarse of burnt shale, mudstone and clinker. (BURNT SHALE)
	2.00	J,K&T		2.20	130.40		MADE GROUND: Black dull GRAVEL of coal. (COAL ARISINGS)
	2.40	D		2.60	130.00		MADE GROUND: Reddish brown clayey gravelly SAND. Gravel is angular to subrounded fine to coarse of burnt shale, mudstone and clinker. (BURNT SHALE)
							<i>From 3.2m gravel is cemented and difficult to excavate.</i>
				3.50	129.10		End of pit at 3.50 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432268.38 - 406844.06 Date 03/10/2022
Level: 132.30

Location: Barnsley West Dimensions (m): Scale 1:25
Client: Strata Homes Depth 3.60 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.30	132.00		MADE GROUND: Greyish brown silty slightly gravelly CLAY. Gravel is angular fine of mudstone, coal, burnt shale and pottery. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.50	J,K&T	HVP=150				MADE GROUND: Light brown mottled reddish brown and black gravelly CLAY. Gravel is angular to subangular fine to coarse of mudstone, burnt shale and occasional coal. Low subangular burnt shale cobble content. Occasional cobble sized lenses of burnt shale and dull ashy coal. (COHESIVE OPENCAST BACKFILL)
			HVP=108				
	3.30	D		3.10	129.20		
				3.60	128.70		End of pit at 3.60 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432276.48 - 406896.20 Level: 130.40	Date 03/10/2022
----------------------------	------------------	---	--------------------

Location: Barnsley West	Dimensions (m): Depth 2.40	Scale 1:25 Logged GLM
-------------------------	-------------------------------	--------------------------------

Client: Strata Homes		
----------------------	--	--

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	J,K&T	HVP=136	0.30	130.10		MADE GROUND: Greyish brown slightly sandy slightly gravelly silty CLAY. Gravel is subangular fine of mudstone, pottery and occasional coal and burnt shale. Occasional plant fragments. (MADE GROUND TOPSOIL)	
	0.40	J,K&T						MADE GROUND: Light brown and grey mottled gravelly CLAY. Gravel is angular to subangular fine to medium of mudstone and occasional coal, burnt shale and clinker. (COHESIVE OPENCAST BACKFILL)
	0.50	D&B						
	1.50	J,K&T						
	1.60	D&B						
	1.90			1.00	129.40		MADE GROUND: Reddish brown very gravelly SAND. Gravel is angular to subangular fine to coarse of burnt shale and occasional coal and clinker. (BURNT SHALE)	
	2.10	D		1.90	128.50		Moderately weak pinkish brown fine grained SANDSTONE. Recovered as sandy angular tabular medium gravel. (COAL MEASURES)	
				2.40	128.00		End of pit at 2.40 m	

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.





Trial Pit Log

Trialpit No

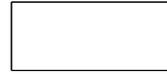
TP04

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454Co-ords: 432312.98 - 406915.82
Level: 131.00Date
03/10/2022

Location: Barnsley West

Dimensions
(m):Scale
1:25

Client: Strata Homes

Depth
4.00Logged
GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.25	130.75		MADE GROUND: Greyish brown silty CLAY. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.40	J,K&T					MADE GROUND: Light brown mottled light and dark grey gravelly CLAY. Gravel is angular to subangular fine to coarse of mudstone and occasional sandstone, burnt shale and coal. (COHESIVE OPENCAST BACKFILL)
	0.50	D	HVP=150				
			HVP=92				
			HVP=140				
				4.00	127.00		At 2.1m medium bed of dark grey clay with much angular fine gravel of dull ashy coal.
							End of pit at 4.00 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432341.95 - 406941.28 Level: 130.10	Date 03/10/2022
Location: Barnsley West	Dimensions (m): Depth 3.80		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	D&B		0.30	129.80		MADE GROUND: Greyish brown silty slightly gravelly CLAY. Gravel is angular to subangular fine to medium of mudstone, burnt shale and occasional pottery. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.90	D&B		1.60	128.50		MADE GROUND: Brownish grey mottled reddish brown gravelly slightly sandy CLAY. Gravel is subangular fine to coarse of mudstone and some burnt shale. Low subangular burnt shale cobble content. (COHESIVE OPENCAST BACKFILL)
			HVP=114	3.80	126.30		MADE GROUND: Grey very gravelly CLAY. Gravel is angular tabular fine to coarse of mudstone and occasional coal, sandstone and siltstone. Rare subrounded small sandstone boulders. (COHESIVE OPENCAST BACKFILL)
							From 2.6m with much gravel of burnt shale.
							End of pit at 3.80 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432379.85 - 406939.90 Date 03/10/2022
 Level: 131.90

Location: Barnsley West Dimensions (m): Scale 1:25

Client: Strata Homes Depth 3.40 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T	HVP=150	0.30	131.60		MADE GROUND: Greyish brown silty slightly gravelly CLAY. Gravel is angular fine of mudstone and burnt shale. (MADE GROUND TOPSOIL)
	0.60 0.70	J,K&T D					MADE GROUND: Brown mottled grey slightly gravelly CLAY. Gravel is subangular fine to coarse of mudstone and occasional burnt shale, sandstone and coal. (COHESIVE OPENCAST BACKFILL)
	1.50	D&B					From 1.9m medium subangular mudstone cobble content.
				3.40	128.50		End of pit at 3.40 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432413.83 - 406931.00 Date 03/10/2022
 Level: 133.45

Location: Barnsley West Dimensions (m): Scale 1:25
 Client: Strata Homes Depth 3.30 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.25			0.25	133.20		MADE GROUND: Greyish brown sandy silty CLAY. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.50	J,K&T					MADE GROUND: Brownish grey clayey slightly sandy angular to subangular tabular fine to coarse GRAVEL of mudstone and occasional burnt shale, coal and siltstone. (GRANULAR OPENCAST BACKFILL)
	0.70	D&B					
	3.00	D					
				3.30	130.15		End of pit at 3.30 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432448.62 - 406920.32 Date 03/10/2022
 Level: 134.70

Location: Barnsley West Dimensions (m): Scale 1:25

Client: Strata Homes Depth 2.70 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.25	134.45		MADE GROUND: Greyish brown sandy slightly gravelly CLAY. Gravel is subangular fine to medium of burnt shale, mudstone and occasional coal and glass. (MADE GROUND TOPSOIL)
	0.80	J,K&T	HVP=150				MADE GROUND: Greyish brown gravelly slightly sandy CLAY. Gravel is angular to subangular tabular fine to coarse of siltstone, mudstone and occasional coal and burnt shale. (COHESIVE OPENCAS T BACKFILL)
	0.90	D	HVP=126				
	1.90	D&B		1.60	133.10		MADE GROUND: Brownish grey slightly clayey subangular medium to coarse GRAVEL of mudstone. Medium subangular cobble and low subangular small boulder content of mudstone. (GRANULAR OPENCAS T BACKFILL) <i>From 1.8m difficult to excavate with overbreak of trial pit walls.</i>
				2.70	132.00		End of pit at 2.70 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. Overbreak of trial pit walls from 1.8m during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432470.05 - 406887.39 Date 03/10/2022
 Level: 136.40

Location: Barnsley West Dimensions (m): Scale 1:25

Client: Strata Homes Depth 1.20 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.25	136.15		MADE GROUND: Greyish brown silty slightly gravelly CLAY. Gravel is angular to subangular fine to medium of mudstone, burnt shale and occasional coal. (MADE GROUND TOPSOIL)
	0.50	J,K&T					MADE GROUND: Greyish brown very gravelly slightly sandy CLAY. Gravel is subangular fine to coarse of mudstone and burnt shale. (COHESIVE OPENCAST BACKFILL)
	1.00	D		0.90	135.50		Medium strong grey SILTSTONE. Likely large boulder. (GRANULAR OPENCAST BACKFILL)
				1.20	135.20		----- End of pit at 1.20 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432472.67 - 406837.90 Level: 137.90	Date 03/10/2022
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Location: Barnsley West	Dimensions (m): Depth 1.90		Scale 1:25 Logged GLM
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Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.30	137.60		MADE GROUND: Greyish brown slightly sandy CLAY. Rare angular fine to medium gravel of burnt shale and coal. Occasional plant fragments. (MADE GROUND TOPSOIL)	
	0.60 0.70	J,K&T D&B					MADE GROUND: Reddish brown clayey angular to subangular fine to coarse GRAVEL of burnt shale and some mudstone, siltstone and coal. Low subangular burnt shale and siltstone cobble content. (BURNT SHALE)	
	1.20	D&B		1.00	136.90		Stiff light brown mottled grey CLAY. (COHESIVE RESIDUAL SOIL)	1
	1.80	D&B		1.50	136.40		Moderately weak grey SILTSTONE. Recovered as angular tabular medium to coarse gravel. (COAL MEASURES)	
				1.90	136.00		End of pit at 1.90 m	2
								3
								4
								5

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432447.41 - 406830.74 Level: 137.30	Date 03/10/2022
Location: Barnsley West	Dimensions (m): Depth 3.50		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.30	137.00		MADE GROUND: Dark greyish brown silty slightly gravelly CLAY. Gravel is angular to subangular fine to medium of mudstone, burnt shale and occasional coal and pottery. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.60	J,K&T					MADE GROUND: Reddish brown mottled grey and brown clayey sandy angular to subangular tabular fine to coarse GRAVEL of burnt shale and occasional mudstone, siltstone, coal and sandstone. (BURNT SHALE)
				3.50	133.80		From 3.0m large siltstone boulder in south end of pit. Difficult to excavate.
							End of pit at 3.50 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432440.78 - 406854.79 Level: 136.45	Date 03/10/2022
Location: Barnsley West	Dimensions (m): Depth 3.20		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.30	136.15		MADE GROUND: Greyish brown silty slightly gravelly CLAY. Gravel is angular fine to medium of mudstone and burnt shale. (MADE GROUND TOPSOIL)
	0.60	J,K&T		0.80	135.65		MADE GROUND: Reddish brown very sandy slightly clayey angular tabular fine to coarse GRAVEL of burnt shale, mudstone and occasional coal and sandstone. Low subangular burnt shale and mudstone cobble content. (BURNT SHALE)
	1.20	D&B		3.20	133.25		MADE GROUND: Grey clayey slightly sandy angular tabular medium to coarse GRAVEL of mudstone and siltstone. Medium subangular mudstone cobble content. (GRANULAR OPENCAST BACKFILL)
							From 1.4m little overbreak of trial pit walls.
							End of pit at 3.20 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. Overbreak of trial pit walls from 1.4m during excavation.





Trial Pit Log

Trialpit No

TP13

Sheet 1 of 1

Project Name: Pogmoor Land

Project No. 4454

Co-ords: -
Level:Date
04/10/2022

Location: Barnsley West

Dimensions (m):

Scale
1:25

Client: Strata Homes

Depth
2.00Logged
GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.15			Dark greyish brown very sandy SILT. Frequent rootlets. (TOPSOIL)
	0.50	D&B					Light brown sandy angular tabular medium to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)
	1.50	D&B		1.20			Medium strong light brown thinly bedded fine grained SANDSTONE with closely spaced fractures. Recovered as sandy angular medium gravel. (COAL MEASURES)
				2.00			End of pit at 2.00 m

1

2

3

4

5

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: - Level:	Date 04/10/2022
Location: Barnsley West	Dimensions (m): Depth 2.00		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	D&B		0.20			Dark greyish brown very sandy slightly gravelly SILT. Gravel is angular fine to medium of sandstone. Frequent rootlets. (TOPSOIL)
	0.50	D&B		0.70			Light brown sandy angular to subangular tabular fine to coarse GRAVEL of sandstone. Medium subangular tabular sandstone cobble content. (GRANULAR RESIDUAL SOIL)
	0.90	D		2.00			Medium strong light grey thinly bedded fine grained of SANDSTONE with close to medium spaced fractures. Recovered as sandy subangular medium to coarse gravel with medium subangular tabular cobble content. (COAL MEASURES)
							From 1.4m difficult to excavate.
							End of pit at 2.00 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.





Trial Pit Log

Trialpit No
TP15
Sheet 1 of 1

Project Name: Pogmoor Land Project No. 4454 Co-ords: - Date 04/10/2022
Level:

Location: Barnsley West Dimensions (m): Scale 1:25

Client: Strata Homes Depth 2.50 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.15			Dark greyish brown very sandy SILT. Frequent rootlets. (TOPSOIL)
	0.60	D&B					Stiff light brown gravelly CLAY. Gravel is angular tabular fine to medium of siltstone. (COHESIVE RESIDUAL SOIL)
	2.00	D&B		1.80			Moderately weak brownish grey thickly laminated SILTSTONE. Recovered as angular tabular fine to medium gravel. (COAL MEASURES)
				2.50			End of pit at 2.50 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: - Date 04/10/2022
 Level: Level:

Location: Barnsley West Dimensions (m): Scale 1:25

Client: Strata Homes Depth 2.90 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.20			Dark greyish brown sandy clayey SILT. Frequent rootlets. (TOPSOIL)
	1.00	D&B					Stiff light brown mottled grey closely fissured CLAY. (COHESIVE RESIDUAL SOIL)
	2.50	D&B		2.10			Moderately weak light brown thickly laminated SILTSTONE. Recovered as angular tabular medium to coarse gravel with medium angular tabular cobble content. (COAL MEASURES) <i>From 2.4m difficult to excavate.</i>
				2.90			End of pit at 2.90 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: - Level:	Date 04/10/2022
Location: Barnsley West	Dimensions (m): Depth 2.20		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.15			Dark greyish brown sandy clayey SILT. Occasional rootlets. (TOPSOIL)
	0.90	D					Stiff light brown mottled grey closely fissured CLAY. (COHESIVE RESIDUAL SOIL)
				1.60			Moderately weak light brown SILTSTONE. In parts thickly laminated. In parts thinly bedded. Recovered as slightly clayey angular tabular medium to coarse gravel. (COAL MEASURES)
				2.20			<u>From 2.0m difficult to excavate.</u>
							End of pit at 2.20 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: - Date 04/10/2022
Level:

Location: Barnsley West Dimensions (m): Scale 1:25

Client: Strata Homes Depth 3.40 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.20			Dark greyish brown sandy slightly gravelly SILT. Gravel is subangular fine to medium of siltstone and sandstone. Frequent rootlets. (TOPSOIL)
	0.50	D					Stiff light brown mottled grey closely fissured CLAY. In parts with some angular tabular fine gravel of mudstone lithorelicts. (COHESIVE RESIDUAL SOIL)
				1.40			
	1.70	D&B					Grey clayey angular tabular medium GRAVEL of mudstone and siltstone lithorelicts. Remoulds to silty clay with some effort when handled. (GRANULAR RESIDUAL SOIL)
				2.60			Weak grey thickly inter-laminated MUDSTONE and SILTSTONE. Recovered as slightly clayey angular tabular medium to coarse gravel. (COAL MEASURES)
	3.00	D&B					
				3.40			
							End of pit at 3.40 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432431.85 - 406888.87 Level: 135.50	Date 04/10/2022
Location: Barnsley West		Dimensions (m): Depth 3.50	Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.35	135.15		MADE GROUND: Greyish brown silty slightly gravelly CLAY. Gravel is angular to subangular fine to medium of mudstone, burnt shale and occasional ironstone, coal and pottery. (MADE GROUND TOPSOIL)
	0.50	D&B					MADE GROUND: Greyish brown clayey slightly sandy angular to subangular fine to coarse GRAVEL of mudstone and occasional siltstone. Low subangular cobble content. Rare subangular small mudstone boulders. (GRANULAR OPENCAST BACKFILL)
	0.60	J,K&T					
				3.50	132.00		End of pit at 3.50 m



Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432397.44 - 406881.12 Level: 135.15	Date 04/10/2022
Location: Barnsley West		Dimensions (m): Depth 3.80	Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.30	134.85		MADE GROUND: Dark greyish brown slightly gravelly sandy SILT. Gravel is angular fine to medium of mudstone, siltstone and burnt shale. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.50	D&B					MADE GROUND: Brownish grey sandy GRAVEL. Gravel is angular fine to coarse of mudstone, siltstone, occasional clinker and rare coal. Low subangular medium siltstone cobble content. (GRANULAR OPENCAST BACKFILL)
	0.60	J,K&T					From 0.3m to 0.4m bed of firm light brown CLAY.
							From 1.0m, some overbreak of trial pit walls.
				3.80	131.35		End of pit at 3.80 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. Overbreak of trial pit walls from 1.0m during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432351.46 - 406890.06 Level: 133.70	Date 04/10/2022
Location: Barnsley West	Dimensions (m): Depth 2.90		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.25			0.25	133.45		MADE GROUND: Dark greyish brown sandy slightly gravelly silty CLAY. Gravel is angular to subangular fine to medium of mudstone and occasional coal and burnt shale. (MADE GROUND TOPSOIL)
	0.50	J,K&T					MADE GROUND: Greyish brown very clayey sandy angular fine to coarse GRAVEL of mudstone and occasional siltstone, burnt shale, coal and sandstone. Rare subangular mudstone cobbles. (GRANULAR OPENCAST BACKFILL)
	1.00	D					
				2.90	130.80		End of pit at 2.90 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432316.63 - 406871.99 Level: 134.20	Date 04/10/2022
Location: Barnsley West	Dimensions (m): Depth 3.70		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.30	133.90		MADE GROUND: Dark greyish brown slightly sandy slightly gravelly SILT. Gravel is angular fine of mudstone and occasional coal and burnt shale. Rare pottery and glass. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.50	J,K&T		0.90	133.30		MADE GROUND: Brown gravelly CLAY. Gravel is subangular fine to coarse of mudstone. Low subangular mudstone cobble content. (COHESIVE OPENCAST BACKFILL)
	1.20	D&B		2.40	131.80		MADE GROUND: Brownish grey clayey slightly sandy angular to subangular fine to coarse GRAVEL of mudstone and occasional coal, burnt shale and siltstone. Low subangular siltstone cobble content. Rare subangular small siltstone and mudstone boulders. (GRANULAR OPENCAST BACKFILL)
	3.00	D		3.70	130.50		MADE GROUND: Grey very gravelly CLAY. Gravel is angular tabular medium to coarse of mudstone. (COHESIVE OPENCAST BACKFILL)
							End of pit at 3.70 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432326.49 - 406843.10 Level: 135.80	Date 04/10/2022
Location: Barnsley West	Dimensions (m): Depth 4.00		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	D&B	HVP=96	0.25	135.55		MADE GROUND: Dark greyish brown slightly sandy slightly gravelly clayey SILT. Gravel is angular fine of mudstone and occasional coal, burnt shale, siltstone and ironstone. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.80	D&B	HVP=150				MADE GROUND: Light brown mottled grey very gravelly CLAY. Gravel is angular tabular fine to coarse of siltstone. Low subangular mudstone and siltstone cobble content. (COHESIVE OPENCAST BACKFILL)
	1.50	J,K&T					
				4.00	131.80		From 2.7m to 2.9m occasional cobble sized lenses of clayey gravel of coal.
							End of pit at 4.00 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432357.61 - 406864.48 Date 04/10/2022
 Level: 135.10

Location: Barnsley West Dimensions (m): Scale 1:25

Client: Strata Homes Depth 4.00 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.30	134.80		MADE GROUND: Greyish brown very sandy slightly gravelly SILT. Gravel is angular to subangular fine to medium of mudstone and occasional burnt shale and coal.
	0.50	J,K&T					(MADE GROUND TOPSOIL) MADE GROUND: Greyish brown sandy slightly clayey angular to subangular fine to coarse GRAVEL of siltstone, mudstone and rare coal, burnt shale and ironstone. Medium subangular tabular siltstone and sandstone cobble content. Low subangular tabular siltstone boulder content. (GRANULAR OPENCAST BACKFILL) <i>From 0.9m to 2.0m overbreak of trial pit walls.</i>
	2.00	D&B					<i>From 3.1m with thin beds of gravelly CLAY.</i>
				4.00	131.10		End of pit at 4.00 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. Overbreak of trial pit walls between 0.9m and 2.0m during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432401.32 - 406856.13 Date 04/10/2022
 Level: 136.15

Location: Barnsley West Dimensions (m): Scale 1:25
 Client: Strata Homes Depth 3.70 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.30			0.30	135.85		MADE GROUND: Greyish brown sandy gravelly CLAY. Gravel is angular fine to medium of mudstone. Rare coal and pottery. (MADE GROUND TOPSOIL)
	0.60	J,K&T					MADE GROUND: Brown slightly clayey slightly sandy angular to subangular predominantly tabular GRAVEL of mudstone and occasional siltstone, sandstone and rare coal. Medium subangular mudstone and siltstone cobble content. Low subangular small to medium siltstone boulder content. (GRANULAR OPENCAST BACKFILL) <i>From 0.5m overbreak of trial pit walls.</i>
	0.80	D					
	1.90			1.90	134.25		MADE GROUND: Greyish brown very gravelly slightly sandy CLAY. Gravel is subangular fine to coarse of mudstone and occasional siltstone. Low subangular mudstone cobble content. (COHESIVE OPENCAST BACKFILL)
	2.20	D					
	3.70			3.70	132.45		End of pit at 3.70 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. Overbreak of trial pit walls from 5.0m during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432410.87 - 406796.58 Level: 137.65	Date 04/10/2022
Location: Barnsley West	Dimensions (m): Depth 4.00 		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T	HVP=150	0.40	137.25		MADE GROUND: Dark greyish brown very sandy slightly gravelly SILT. Gravel is angular tabular fine to coarse of mudstone, burnt shale and occasional pottery and coal. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.70	J,K&T					MADE GROUND: Brown mottled grey and reddish brown very gravelly slightly sandy CLAY. Gravel is angular to subangular fine to coarse of mudstone, some burnt shale and occasional siltstone, coal and sandstone. (COHESIVE OPENCAST BACKFILL)
	1.00	D&B					
				4.00	133.65		<p><i>From 1.8m with medium subangular siltstone cobbles and overbreak and spalling of trial pit walls.</i></p> <p>End of pit at 4.00 m</p>

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. Spalling and overbreak of trial pit walls from 1.8m during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432375.55 - 406827.35 Date 04/10/2022
 Level: 136.80

Location: Barnsley West Dimensions (m): Scale 1:25
 Client: Strata Homes Depth 2.90 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.30	136.50		MADE GROUND: Dark greyish brown slightly sandy clayey SILT. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.50	J,K&T					MADE GROUND: Greyish brown very clayey slightly sandy angular to subangular fine to coarse GRAVEL of mudstone, siltstone and occasional sandstone, rare coal and burnt shale. Low subangular siltstone and mudstone cobble content. (GRANULAR OPENCAST BACKFILL)
	0.80	D&B					
				2.90	133.90		<p>From 1.6m little overbreak of trial pit walls.</p> <p>End of pit at 2.90 m</p>

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. Overbreak of trial pit walls from 1.6m during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432302.01 - 406824.80 Date 04/10/2022
 Level: 135.50

Location: Barnsley West Dimensions (m): Scale 1:25

Client: Strata Homes Depth 3.50 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.35	135.15		MADE GROUND: Greyish brown sandy SILT. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.60	J,K&T					MADE GROUND: Brownish grey very gravelly slightly sandy CLAY. Gravel is angular to subangular fine to coarse of mudstone, some siltstone and sandstone and rare burnt shale, coal and pottery. Low subangular mudstone cobble content. (COHESIVE OPENCAST BACKFILL)
	3.00	D		3.50	132.00		



End of pit at 3.50 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432307.69 - 406772.94 Level: 136.95	Date 05/10/2022
Location: Barnsley West	Dimensions (m): Depth 2.50		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.35	136.60		MADE GROUND: Greyish brown slightly sandy slightly gravelly SILT. Gravel is angular fine to medium of mudstone, burnt shale and rare coal and pottery. (MADE GROUND TOPSOIL)
	0.50	J,K&T		0.60	136.35		MADE GROUND: Light brown mottled brown and dark grey gravelly CLAY. Gravel is angular to subangular fine to coarse of mudstone, burnt shale and occasional clinker and coal. (COHESIVE OPENCAST BACKFILL)
	0.90	D					Stiff light brown mottled grey slightly gravelly CLAY. Gravel is angular tabular fine to medium of mudstone lithorelicts. (COHESIVE RESIDUAL SOIL)
				2.10	134.85		Moderately weak brown fine gravelly SANDSTONE. Recovered as slightly clayey angular tabular medium to coarse gravel. (COAL MEASURES)
				2.50	134.45	----- End of pit at 2.50 m -----	

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432325.81 - 406705.62 Date 05/10/2022
 Level: 137.35

Location: Barnsley West Dimensions (m): Scale 1:25

Client: Strata Homes Depth 3.50 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T					MADE GROUND: Dark greyish brown sandy slightly gravelly SILT. Gravel is angular to subangular fine to coarse of mudstone, burnt shale and occasional brick, pottery, siltstone, sandstone and coal. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.50	D		0.45	136.90		Stiff light brown slightly gravelly CLAY. Gravel is angular fine to coarse of siltstone, mudstone and siltstone lithorelicts. (COHESIVE RESIDUAL SOIL)
							<i>From 2.1m to 2.3m bed of moderately weak siltstone.</i>
	3.00	D		2.70	134.65		Black bright hard brittle COAL with occasional ashy horizons and thin clayey dirt partings. Recovered as slightly sandy slightly clayey angular tabular medium gravel. (BARNSELY COAL SEAM)
				3.50	133.85		End of pit at 3.50 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432333.45 - 406795.61 Date 05/10/2022
 Level: 137.15

Location: Barnsley West Dimensions (m): Scale 1:25
 Client: Strata Homes Depth 2.70 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	D&B		0.30	136.85		MADE GROUND: Greyish brown sandy slightly gravelly SILT. Gravel is angular to subangular fine to medium of mudstone. (MADE GROUND TOPSOIL)
	0.50	J,K&T					MADE GROUND: Brownish grey very gravelly CLAY. Gravel is angular tabular fine to coarse of mudstone, siltstone and rare sandstone, brick and coal. Low subangular siltstone cobble content. (COHESIVE OPENCAST BACKFILL)
	1.00	D&B					
				2.70	134.45		At 1.1m siltstone boulder, 0.6 x 0.8 x 0.25m with overbreak of trial pit walls.
							From 2.0m grey.
							End of pit at 2.70 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. Overbreak of trial pit walls at 1.1m during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432371.90 - 406790.56 Level: 137.80	Date 05/10/2022
Location: Barnsley West	Dimensions (m): Depth 3.20		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.30	137.50		MADE GROUND: Greyish brown slightly sandy slightly gravelly silty CLAY. Gravel is subangular fine to coarse of siltstone, mudstone and sandstone. (MADE GROUND TOPSOIL)
	0.80 0.90	J,K&T D		1.00	136.80		MADE GROUND: Brownish grey gravelly CLAY. Gravel is angular fine to coarse of mudstone and occasional siltstone, ironstone, coal and burnt shale. Low subangular mudstone and siltstone cobble content. (COHESIVE OPENCAST BACKFILL)
	1.50	D&B		3.20	134.60		MADE GROUND: Brownish grey clayey slightly sandy angular to subangular fine to coarse GRAVEL of siltstone and mudstone, some sandstone and rare pottery, coal and burnt shale. Low subangular mudstone cobble content. Rare subangular small siltstone and mudstone boulders. (GRANULAR OPENCAST BACKFILL)
							End of pit at 3.20 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432418.66 - 406823.10 Date 05/10/2022
 Level: 137.20

Location: Barnsley West Dimensions (m): Scale 1:25

Client: Strata Homes Depth 3.80 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	J,K&T	HVP=150	0.35	136.85		MADE GROUND: Light brown slightly gravelly silty CLAY. Gravel is angular to subangular fine to medium of mudstone, burnt shale, siltstone and occasional pottery and coal. (MADE GROUND TOPSOIL)	
	0.60	D						MADE GROUND: Brown mottled dark grey gravelly slightly sandy CLAY. Gravel is subangular fine to coarse of mudstone, some burnt shale, coal and rare clinker and sandstone. (COHESIVE OPENCAST BACKFILL)
	0.80	J,K&T						
	1.80	J,K&T			1.60			135.60
	2.00	D&B						
				3.80	133.40		End of pit at 3.80 m	

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432452.55 - 406800.80 Level: 137.50	Date 05/10/2022
Location: Barnsley West	Dimensions (m): Depth 2.60		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.30	137.20		MADE GROUND: Greyish brown slightly sandy slightly gravelly CLAY. Gravel is angular to subangular fine to medium of mudstone and occasional coal and pottery. (MADE GROUND TOPSOIL)
	0.50	J,K&T		1.60	135.90		MADE GROUND: Brown mottled grey and reddish brown gravelly CLAY. Gravel is angular to subrounded fine to coarse of siltstone, mudstone, burnt shale and rare coal and glass. (COHESIVE OPENCAST BACKFILL)
	2.00	D		2.20	135.30		Firm light brown CLAY. (COHESIVE RESIDUAL SOIL)
	2.40	D		2.60	134.90		Medium strong light greyish brown finely grained thinly bedded SANDSTONE. Recovered as angular tabular medium to coarse gravel. (COAL MEASURES)
----- End of pit at 2.60 m -----							

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432444.30 - 406769.34 Level: 138.00	Date 05/10/2022
Location: Barnsley West		Dimensions (m): Depth 3.00	Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.30	137.70		MADE GROUND: Greyish brown sandy slightly gravelly SILT. Gravel is subangular fine to medium of mudstone, burnt shale and rare coal, glass and pottery. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.50	J,K&T					MADE GROUND: Brown mottled light brownish grey very gravelly CLAY. Gravel is angular tabular fine to coarse of mudstone, siltstone and occasional burnt shale and coal. (COHESIVE OPENCAST BACKFILL)
	0.70	D	HVP=150				
			HVP=134				
				3.00	135.00		From 1.8m to 2.2m reddish brown with much gravel of burnt shale.
							End of pit at 3.00 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432395.69 - 406754.41 Date 05/10/2022
 Level: 138.50

Location: Barnsley West Dimensions (m): Scale 1:25

Client: Strata Homes Depth 3.40 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	D&B		0.35	138.15		MADE GROUND: Greyish brown slightly sandy slightly gravelly CLAY. Gravel is angular to subangular fine to coarse of siltstone and mudstone. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.50	D&B					
	0.70	J,K&T	HVP=150 HVP=122				MADE GROUND: Brownish grey very gravelly slightly sandy CLAY. Gravel is angular fine to coarse of siltstone, mudstone and rare coal and clinker. Low subangular mudstone and siltstone cobble content. (COHESIVE OPENCAST BACKFILL)
				3.40	135.10		From 2.6m rare subangular small siltstone boulders.
							End of pit at 3.40 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432383.10 - 406714.78 Date 05/10/2022
 Level: 139.00

Location: Barnsley West Dimensions (m): Scale 1:25
 Client: Strata Homes Depth 2.50 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.10	J,K&T		0.30	138.70		MADE GROUND: Greyish brown sandy slightly gravelly SILT. Gravel is subangular fine to medium of mudstone and burnt shale. Occasional plant fragments. (MADE GROUND TOPSOIL)			
	0.50	J,K&T					2.50	136.50		MADE GROUND: Greyish brown and grey clayey sandy angular to subangular fine to coarse GRAVEL of mudstone and siltstone. Low subangular mudstone cobble content. Low subangular tabular small to medium siltstone boulder content. (up to 0.8m diameter). (GRANULAR OPENCAST BACKFILL) <i>From 0.5m overbreak of trial pit walls.</i>
	0.60	D								End of pit at 2.50 m



Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. Overbreak of trial pit walls from 0.5m during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432354.83 - 406742.26 Level: 138.00	Date 05/10/2022
Location: Barnsley West		Dimensions (m): Depth 3.50	Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.30	137.70		MADE GROUND: Greyish brown slightly sandy slightly gravelly clayey SILT. Gravel is subangular fine to medium of mudstone, siltstone and occasional burnt shale, coal and pottery. (MADE GROUND TOPSOIL)
	0.60	J,K&T					MADE GROUND: Light greyish brown slightly clayey slightly sandy angular to subangular fine to coarse GRAVEL of mudstone, siltstone and rare coal and ironstone. Rare angular tabular cobbles and small boulders of siltstone. (GRANULAR OPENCAST BACKFILL)
	0.80	D					
				3.50	134.50		From 1.9m medium cobble content and little overbreak of trial pit walls.
							End of pit at 3.50 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. Little overbreak of trial pit walls from 1.9m during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432347.67 - 406680.54 Level: 138.05	Date 05/10/2022
Location: Barnsley West	Dimensions (m): Depth 2.20		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.40	J,K&T		0.25	137.80		MADE GROUND: Dark greyish brown slightly sandy slightly gravelly CLAY. Gravel is angular to subangular fine to coarse of burnt shale, mudstone and occasional brick. Some plant fragments. (MADE GROUND TOPSOIL)
	1.50	J,K&T		1.20	136.85		MADE GROUND: Light brownish grey and reddish brown slightly clayey slightly sandy angular fine to coarse GRAVEL of mudstone, siltstone and burnt shale. Low subangular mudstone and burnt shale cobble content. (GRANULAR OPENCAST BACKFILL)
	2.00	D		1.70	136.35		MADE GROUND: Brown very gravelly ash SAND. Gravel is angular to subrounded fine to medium of clinker and occasional coal, mudstone and brick. With occasional gravel sized fragments of plastic, wire and metal. (ASH & CLINKER)
				2.20	135.85		Medium strong light brown thinly bedded fine grained SANDSTONE. Recovered as slightly clayey slightly sandy angular tabular gravel. (COAL MEASURES) <i>From 2.0m sandstone is difficult to excavate.</i>
End of pit at 2.20 m							

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432362.98 - 406694.36 Date 05/10/2022
 Level: 138.70

Location: Barnsley West Dimensions (m): Scale 1:25

Client: Strata Homes Depth 3.00 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.35	138.35		MADE GROUND: Dark greyish brown sandy slightly gravelly SILT. Gravel is subangular fine to coarse of siltstone, burnt shale, mudstone and occasional coal and pottery. Many plant fragments. (MADE GROUND TOPSOIL)
	0.90	D&B					
	1.50	J,K&T		3.00	135.70		MADE GROUND: Light brownish grey clayey sandy angular to subangular fine to coarse GRAVEL of siltstone, some mudstone and sandstone and rare coal and brick. Low subangular tabular siltstone and mudstone cobble content. (GRANULAR OPENCAST BACKFILL)
							From 2.0m medium siltstone cobble content and low subangular small siltstone boulder content with overbreak of trial pit walls.
							End of pit at 3.00 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. Overbreak of trial pit walls from 2.0m during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432380.28 - 406653.48 Level: 139.70	Date 05/10/2022
Location: Barnsley West		Dimensions (m): Depth 2.70	Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.40	J,K&T	HVP=132	0.25	139.45		MADE GROUND: Dark greyish brown sandy SILT. Some rootlets. (MADE GROUND TOPSOIL)
	2.00	D		1.80	137.90		Stiff light brown mottled grey slightly sandy CLAY. (COHESIVE RESIDUAL SOIL)
	2.50	D		2.30	137.40		Moderately weak light greyish brown thinly bedded fine grained SANDSTONE. Recovered as slightly sandy angular tabular medium to coarse GRAVEL. (COAL MEASURES)
				2.70	137.00		End of pit at 2.70 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432389.33 - 406699.73 Date 05/10/2022
 Level: 139.45

Location: Barnsley West Dimensions (m): Scale 1:25

Client: Strata Homes Depth 3.50 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.30	139.15		MADE GROUND: Light greyish brown gravelly clayey SILT. Gravel is subangular fine to medium of siltstone, mudstone and burnt shale. Occasional plant fragments. (MADE GROUND TOPSOIL)
	1.00	D&B					MADE GROUND: Greyish brown very clayey sandy angular to subangular fine to coarse GRAVEL of mudstone and siltstone. Low subangular mudstone cobble content. (GRANULAR OPENCAST BACKFILL)
	2.00	J,K&T		1.80	137.65		MADE GROUND: Grey mottled dark grey gravelly CLAY. Gravel is angular fine to medium of mudstone and some coal. Medium subangular mudstone cobble content. Low subangular small to medium mudstone boulder content. (COHESIVE OPENCAST BACKFILL) <i>From 2.0m overbreak of trial pit walls.</i>
	3.00	D&B					
				3.50	135.95		End of pit at 3.50 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. Overbreak of trial pit walls from 2.0m during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432427.60 - 406708.62 Level: 139.85	Date 06/10/2022
Location: Barnsley West	Dimensions (m): Depth 3.00		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.25	139.60		MADE GROUND: Greyish brown slightly sandy slightly gravelly CLAY. Gravel is angular to subrounded fine to coarse of siltstone, burnt shale and occasional mudstone, brick and coal. (MADE GROUND TOPSOIL)
	0.40	J,K&T					MADE GROUND: Brownish grey very gravelly CLAY. Gravel is angular tabular fine to coarse of siltstone, mudstone and occasional coal, sandstone and pottery. Low angular to subangular mudstone and siltstone cobble content. (COHESIVE OPENCAST BACKFILL)
	1.00	D&B		1.60	138.25		MADE GROUND: Grey slightly sandy slightly clayey angular tabular medium to coarse GRAVEL of mudstone. High angular tabular siltstone cobble content and low angular tabular small mudstone and siltstone boulder content. (GRANULAR OPENCAST BACKFILL) <i>From 1.6m overbreak of trial pit walls.</i>
				3.00	136.85		End of pit at 3.00 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. Overbreak of trial pit walls from 1.6m during excavation.



Project Name: Pogmoor Land Project No. 4454 Co-ords: 432464.92 - 406735.72 Date 06/10/2022
 Level: 139.00

Location: Barnsley West Dimensions (m): Scale 1:25

Client: Strata Homes Depth 2.50 Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.25			0.25	138.75		MADE GROUND: Greyish brown slightly sandy slightly gravelly SILT. Gravel is angular fine to medium of pottery, mudstone and rare coal and glass. (MADE GROUND TOPSOIL)
	0.50	J,K&T	HVP=106 HVP=98				MADE GROUND: Brown mottled dark grey and reddish brown gravelly CLAY. Gravel is angular to subrounded fine to coarse of mudstone, siltstone and occasional sandstone, burnt shale, coal and ironstone. Rare angular tabular siltstone and sandstone cobbles. (COHESIVE OPENCAST BACKFILL)
	1.40			1.40	137.60		Stiff light brown mottled grey CLAY. (COHESIVE RESIDUAL SOIL)
	1.80	D	HVP=84				
	2.00			2.00	137.00		Moderately weak orangish brown and greyish brown thinly bedded fine grained SANDSTONE. Recovered as slightly clayey slightly sandy angular tabular medium gravel. (COAL MEASURES)
	2.20	D&B					<i>From 2.2m difficult to excavate through sandstone.</i>
	2.50			2.50	136.50		End of pit at 2.50 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432470.16 - 406685.55 Level: 141.00	Date 06/10/2022
Location: Barnsley West	Dimensions (m): Depth 2.70		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.30	140.70		MADE GROUND: Dark greyish brown very sandy slightly gravelly CLAY. Gravel is angular to subangular fine to coarse of mudstone and occasional coal and brick. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.50	J,K&T					MADE GROUND: Brownish grey slightly gravelly CLAY. Gravel is angular to subangular fine to medium of mudstone, siltstone and occasional coal and burnt shale. (COHESIVE OPENCAST BACKFILL)
	1.60	D		1.30	139.70		Stiff lightly brown mottled grey slightly gravelly CLAY. Gravel is angular to subrounded fine to medium of mudstone lithorelicts and occasional ironstone. (COHESIVE RESIDUAL SOIL)
	2.60	D		2.50	138.50		Moderately weak light greyish brown thinly bedded fine grained SANDSTONE. Recovered as slightly clayey angular tabular fine to coarse gravel. (COAL MEASURES)
				2.70	138.30		End of pit at 2.70 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432437.01 - 406674.57 Level: 140.90	Date 06/10/2022
Location: Barnsley West	Dimensions (m): Depth 3.50		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.30	140.60		MADE GROUND: Greyish brown slightly sandy slightly gravelly CLAY. Gravel is angular tabular fine to coarse of mudstone, siltstone and occasional brick, coal, pottery and burnt shale. (MADE GROUND TOPSOIL)
	1.80	J,K&T					MADE GROUND: Brownish grey mottled grey gravelly slightly sandy CLAY. Gravel is angular to subrounded fine to coarse of siltstone, mudstone and occasional coal and sandstone. Low subangular mudstone cobble content. (COHESIVE OPENCAST BACKFILL)
	2.00	D&B					
				3.50	137.40		From 2.8m with medium subangular cobble content of sandstone and siltstone.
							End of pit at 3.50 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Project Name: Pogmoor Land	Project No. 4454	Co-ords: 432432.06 - 406646.48 Level: 141.70	Date 06/10/2022
Location: Barnsley West	Dimensions (m): Depth 4.20		Scale 1:25
Client: Strata Homes			Logged GLM

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	J,K&T		0.30	141.40		MADE GROUND: Dark greyish brown slightly sandy slightly gravelly CLAY. Gravel is angular to subangular fine to medium of mudstone, siltstone, sandstone and occasional pottery and coal. Occasional plant fragments. (MADE GROUND TOPSOIL)
	0.90	J,K&T	HVP=150				MADE GROUND: Greyish brown gravelly CLAY. Gravel is angular to subangular fine to coarse of mudstone, siltstone and occasional burnt shale and coal. Rare subangular mudstone cobbles. (COHESIVE OPENCAST BACKFILL)
	1.00	D					
	4.00	D		4.20	137.50		End of pit at 4.20 m

Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Stability: 1. The sides of the trial pit remained stable during excavation.



Appendix G
Borehole Logs

Borehole Log

Borehole No.

BH01

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432381.42 - 406917.80

Hole Type
CP

Location: Barnsley West

Level: 133.15

Scale
1:50

Client: Strata Homes

Dates: 03/10/2022 - 03/10/2022

Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20 - 1.00	B		0.20	132.95		MADE GROUND: Greyish brown slightly sandy slightly gravelly CLAY. Gravel is subangular fine of coal. (MADE GROUND TOPSOIL)	
		1.00 1.00 - 1.45	D	N=18 (4,4/6,5,4,3)				MADE GROUND: Firm brown and grey mottled gravelly slightly sandy CLAY. Gravel is subangular fine to coarse of coal, sandstone and burnt shale. (COHESIVE OPENCAST BACKFILL)	1
		2.00 2.00 - 2.45	D	N=29 (2,2/3,2,10,14)					2
		3.00 3.00 - 3.42	D	50 (6,4/50 for 275mm)				At 3.3m, grey cobble of mudstone.	3
		4.00 4.00 - 4.45 4.00 - 5.00	D B	N=17 (3,6/4,5,4,4)					4
		5.00 5.00 - 5.45	D	N=14 (4,2/7,4,2,1)					5
		6.50 6.50 - 6.95	D	N=15 (6,5/4,5,3,3)					6
		8.00 8.00 - 8.45	D	N=9 (3,3/2,2,3,2)					7
		9.50 9.50 - 9.90 10.00 - 10.80	D B	40 (6,9/40 for 265mm)					8 9 10

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

BH01

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432381.42 - 406917.80

Hole Type
CP

Location: Barnsley West

Level: 133.15

Scale
1:50

Client: Strata Homes

Dates: 03/10/2022 - 03/10/2022

Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		11.00		50 (25 for 105mm/50 for 230mm)	10.80	122.35		Grey SANDSTONE. (COAL MEASURES) <i>At 11.3m, refusal on bedrock.</i> End of borehole at 11.03 m
		11.00 - 11.03	D		11.03	122.12		



Remarks
1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.

Project Name: Pogmoor Land

 Project No.
4454

Co-ords: 432445.35 - 406904.90

 Hole Type
CP

Location: Barnsley West

Level: 135.15

 Scale
1:50

Client: Strata Homes

Dates: 04/10/2022 - 04/10/2022

 Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30	134.85		MADE GROUND: Greyish brown slightly sandy slightly gravelly CLAY. Gravel is subangular fine of coal. (MADE GROUND TOPSOIL)	
		1.00	D						1
		1.00 - 1.45	U						
		1.00 - 2.00	B						
		1.60	D						
		2.00							2
		2.00 - 2.45	D	N=11 (2,2/2,1,5,3)					
		3.00							3
		3.00 - 3.45	D	N=9 (6,3/3,2,2,2)					
		4.00							4
		4.00 - 4.45	D	N=10 (3,2/2,2,2,4)					
		5.00							5
		5.00 - 5.45	D	N=26 (5,4/12,4,5,5)					
		5.00 - 6.00	B						
		6.50							6
		6.50 - 6.95	D	N=16 (5,4/4,4,4,4)					
		8.00							7
		8.00 - 8.45	D	N=14 (6,3/3,4,3,4)					
		9.50							8
		9.50 - 9.95	D	N=17 (3,4/11,2,2,2)					
									9
									10

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.

Project Name: Pogmoor Land

 Project No.
4454

Co-ords: 432445.35 - 406904.90

 Hole Type
CP

Location: Barnsley West

Level: 135.15

 Scale
1:50

Client: Strata Homes

Dates: 04/10/2022 - 04/10/2022

 Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		11.00 11.00 - 11.45 11.00 - 12.00	D B	N=20 (4,4/4,5,7,4)				11
		12.50 12.50 - 12.95	D	N=50 (15,9/50 for 237mm)				12
		13.50 - 14.50	B		13.50	121.65		13
		14.00 14.00 - 14.45	D	N=22 (6,4/5,6,6,5)				14
		15.50 15.50	D	0 (75 for 15mm/,,)	15.30 15.50	119.85 119.65		15
							MADE GROUND: Black SAND of coal. (COAL ARISINGS)	16
							Grey MUDSTONE. (COAL MEASURES) <i>At 15.5m, refusal in bedrock.</i> End of borehole at 15.50 m	17
								18
								19
								20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

BH03

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432325.39 - 406897.61

Hole Type
CP

Location: Barnsley West

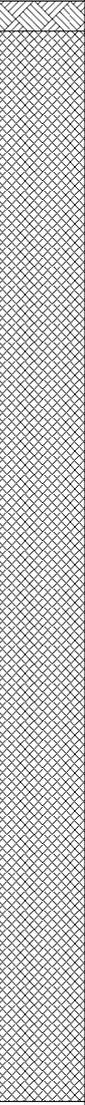
Level: 132.95

Scale
1:50

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20 - 1.00	B		0.20	132.75		MADE GROUND: Greyish brown gravelly CLAY. Gravel is subrounded to subangular fine to medium of sandstone and coal. (MADE GROUND TOPSOIL)
		1.00 1.00 - 1.45	D	N=6 (1,2/1,2,1,2)				MADE GROUND: Firm orange and grey gravelly slightly sandy CLAY. Gravel is angular fine to coarse of mudstone. (COHESIVE OPENCAST BACKFILL)
		2.00 2.00 - 2.45	D U					
		2.60	D					
		3.00 3.00 - 3.45	D	N=7 (1,2/1,2,2,2)				
		4.00 4.00 - 4.45	D U					From 4.2m, occasional angular fine gravel of coal.
		4.60	D					
		5.00 5.00 - 5.45	D	N=7 (1,2/2,2,2,1)				
		5.50 - 5.60	B					
		6.50 6.50 - 6.95	D	N=12 (2,4/3,3,3,3)				
		7.30		50 (25 for 95mm/50 for 235mm)	7.30 7.33	125.65 125.62	Grey SANDSTONE. (COAL MEASURES) At 7.3m, refusal in bedrock. End of borehole at 7.33 m	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

BH04

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432422.34 - 406828.97

Hole Type
CP

Location: Barnsley West

Level: 137.05

Scale
1:50

Client: Strata Homes

Dates: 05/10/2022 - 06/10/2022

Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20			136.85		MADE GROUND: Greyish brown slightly sandy slightly gravelly CLAY. Gravel is subangular fine of coal. (MADE GROUND TOPSOIL)	
		1.00	D				MADE GROUND: Stiff brown mottled grey gravelly slightly sandy CLAY. Gravel is subangular fine to coarse of coal and mudstone. (COHESIVE OPENCAST BACKFILL)	
		1.00 - 1.45	U				From 1.3m, gravel is predominately angular fine to coarse of burnt shale.	
		1.60	D					
		2.00	D	N=18 (3,3/3,4,4,7)				
	2.00 - 2.45	D						
	2.00 - 3.00	B						
	3.00	D	N=32 (4,3/6,8,10,8)					
	3.00 - 3.45	D						
		3.40			133.65		At 3.4m, refusal on unknown obstruction; likely boulder or similar oversized material. Chiselled for 1 hour for less than 0.1m penetration. End of borehole at 3.40 m	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

BH05

Sheet 1 of 1

Project Name: Pogmoor Land

 Project No.
4454

Co-ords: 432313.30 - 406855.21

 Hole Type
CP

Location: Barnsley West

Level: 134.95

 Scale
1:50

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

 Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.30 - 1.00	B		0.30	134.65		MADE GROUND: Greyish brown slightly sandy slightly gravelly CLAY. Gravel is subrounded to angular fine to medium of sandstone and coal. (MADE GROUND TOPSOIL)
		1.00		N=10 (1,2/3,3,2,2)				
		1.00 - 1.45	D					MADE GROUND: Firm grey mottled brown gravelly CLAY. Gravel is angular fine to coarse of siltstone. (COHESIVE OPENCAST BACKFILL)
		2.00 - 2.45	U					
		2.60	D					
		3.00		N=5 (1,1/1,1,1,2)				
		3.00 - 3.45	D					
		4.00		N=6 (2,2/2,1,2,1)				
		4.00 - 4.45	D		4.20	130.75		
		4.00 - 5.00	B					MADE GROUND: Black mottled brown angular fine to coarse GRAVEL of predominately coal and rare mudstone. (COALARISINGS)
		5.00		N=6 (2,2/2,1,2,1)				
		5.00 - 5.45	D					
		6.00	D					
		6.50		50 (25 for 125mm/50 for 265mm)	6.40	128.55		Yellowish brown SANDSTONE. (COAL MEASURES)
		6.50 - 6.59	D		6.76	128.19		From 6.6m chiselled for 30 minutes for 0.16m of penetration.
		6.70		50 (25 for 125mm/50 for 255mm)				End of borehole at 6.70 m

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.

Project Name: Pogmoor Land

 Project No.
4454

Co-ords: 432362.72 - 406812.71

 Hole Type
CP

Location: Barnsley West

Level: 137.25

 Scale
1:50

Client: Strata Homes

Dates: 07/10/2022 - 07/10/2022

 Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20 - 1.00	B		0.20	137.05		MADE GROUND: Greyish brown slightly gravelly CLAY. Gravel is angular fine of coal. (MADE GROUND TOPSOIL)	
		1.00	D					MADE GROUND: Brown and grey mottled slightly gravelly CLAY. Gravel is angular to subangular fine to coarse of mudstone, sandstone and coal. (COHESIVE OPENCAST BACKFILL)	1
		1.00 - 1.45	U						
		1.60	D						
		2.00	D	N=5 (1,1/1,1,2,1)					2
		2.00 - 2.45	D						
		3.00	D	N=4 (1,1/1,1,1,1)					3
		3.00 - 3.45	D						
		4.00	D	N=10 (3,3/2,3,3,2)					4
		4.00 - 4.45	D						
		5.00	D					5	
		5.00 - 5.45	U						
		5.50 - 6.50	B					6	
		5.60	D						
		6.50	D	N=18 (6,6/5,5,4,4)				7	
		6.50 - 6.95	D						
		8.00	D	N=14 (8,5/4,3,4,3)				8	
		8.00 - 8.45	D						
		9.50	D	N=15 (3,4/4,4,4,3)	9.40	127.85		9	
		9.50 - 9.95	D				MADE GROUND: Black clayey angular fine to medium gravel of coal and occasional sandstone.		
		10.00 - 10.60	B					10	

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

BH06

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432362.72 - 406812.71

Hole Type
CP

Location: Barnsley West

Level: 137.25

Scale
1:50

Client: Strata Homes

Dates: 07/10/2022 - 07/10/2022

Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		10.70		50 (25 for 105mm/50 for 235mm)	10.60 10.70	126.65 126.55	 (COAL ARISINGS) Grey MUDSTONE. (COAL MEASURES) <i>At 10.7m, refusal on bedrock.</i> <i>End of borehole at 10.70 m</i>	11
								12
								13
								14
								15
								16
								17
								18
								19
								20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

BH07

Sheet 1 of 1

Project Name: Pogmoor Land

 Project No.
4454

Co-ords: 432349.18 - 406742.40

 Hole Type
CP

Location: Barnsley West

Level: 138.00

 Scale
1:50

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

 Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20 - 1.00	B		0.20	137.80		MADE GROUND: Greyish brown slightly sandy slightly gravelly CLAY. Gravel is subrounded to angular fine to medium of coal and sandstone. (MADE GROUND TOPSOIL)	
		1.00 - 1.45	U					MADE GROUND: Firm brown and grey mottled slightly sandy slightly gravelly CLAY. Gravel is subrounded to angular fine to coarse of coal and sandstone. (COHESIVE OPENCAST BACKFILL)	1
		1.60	D						
		2.00		N=7 (3,2/2,2,1,2)					2
		2.00 - 2.45	D						
		3.00		N=10 (3,2/3,2,3,2)					3
		3.00 - 3.45	D						
		3.00 - 4.00	B						
		4.00		N=8 (4,2/2,2,2,2)					4
		4.00 - 4.45	D						
		5.00		N=11 (3,3/1,1,3,6)					5
		5.00 - 5.45	D						
		6.00	D						6
		6.50		N=11 (4,4/4,3,2,2)					7
		6.50 - 6.95	D						
		7.50	D						8
		8.00		N=19 (3,3/2,2,7,8)					
		8.00 - 8.45	D		8.30	129.70			
		8.30 - 8.60	B						
		8.60		50 (25 for 145mm/50 for 235mm)	8.68	129.32		Grey SILTSTONE. (COAL MEASURES)	
		8.60 - 8.68	D					At 8.68m, refusal on bedrock.	9
								End of borehole at 8.68 m	10

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

BH08

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432425.93 - 406752.48

Hole Type
CP

Location: Barnsley West

Level: 138.55

Scale
1:50

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20			138.35		MADE GROUND: Greyish brown slightly sandy slightly gravelly CLAY. Gravel is angular fine to medium of coal. (MADE GROUND TOPSOIL)	
		1.00		N=15 (1,2/3,4,4,4)				
		1.00 - 1.45	D					
		1.00 - 2.00	B					
		2.00	D					
		2.00 - 2.45	U					
		2.60	D					
		3.00		N=6 (2,2/1,2,1,2)				
		3.00 - 3.45	D					
		4.00		N=14 (1,1/1,8,3,2)				
		4.00 - 4.45	D					
		5.00		N=29 (4,2/6,11,7,5)				
		5.00 - 5.45	D					
		6.50	D					
		6.50 - 6.95	U					
		7.00 - 8.00	B					
		8.00		N=9 (2,3/3,2,2,2)				
		8.00 - 8.45	D					
		9.50		N=12 (5,4/2,4,2,4)				
		9.50 - 9.95	D					

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

BH08

Sheet 2 of 2

Project Name: Pogmoor Land

 Project No.
4454

Co-ords: 432425.93 - 406752.48

 Hole Type
CP

Location: Barnsley West

Level: 138.55

 Scale
1:50

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

 Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]		11.00 11.00 - 11.45 11.00 - 11.50	D U B				[Pattern]	Between 11.2m and 11.5m, cobble of sandstone.
		12.50 12.50 - 12.95 12.50 - 13.50	D B	N=11 (3,2/2,3,3,3)			[Pattern]	At 12.0m, gravel is predominately angular fine to coarse of coal.
		14.00 14.00 - 14.18	D	50 (25 for 135mm/50 for 265mm)	14.00 14.18	124.55 124.37	[Pattern]	Grey MUDSTONE. (COAL MEASURES) At 14.18m, refusal on bedrock. End of borehole at 14.00 m

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.

Project Name: Pogmoor Land

 Project No.
4454

Co-ords: 432381.60 - 406693.30

 Hole Type
CP

Location: Barnsley West

Level: 139.25

 Scale
1:50

Client: Strata Homes

Dates: 07/10/2022 - 07/10/2022

 Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20 - 1.00	B		0.20	139.05		MADE GROUND: Greyish brown gravelly CLAY. Gravel is subrounded to subangular fine to medium of sandstone and coal. (MADE GROUND TOPSOIL)	
		1.00 - 1.45	D					MADE GROUND: Brown gravelly CLAY. Gravel is angular fine to coarse of mudstone, sandstone and coal. Low subangular siltstone cobble content. (COHESIVE OPENCAST BACKFILL)	1
		1.00 - 1.45	U						
		1.60	D						
		2.00		N=20 (3,4/2,4,3,11)					2
		2.00 - 2.45	D						
		3.00		N=9 (3,4/3,3,2,1)					3
		3.00 - 3.45	D						
		4.00	D						4
		4.00 - 4.45	U						
		4.00 - 5.00	B						
		4.60	D						
		5.00		N=6 (2,2/1,1,2,2)					5
		5.00 - 5.45	D						
		6.00	D						6
		6.50		N=16 (5,3/4,4,4,4)					7
		6.50 - 6.95	D						
		8.00		N=10 (4,3/2,1,4,3)					8
		8.00 - 8.45	D						
		9.00	D		9.00	130.25		MADE GROUND: Black very sandy angular fine to coarse GRAVEL of predominately coal and rare fine grained sandstone. (COALARISINGS)	9
		9.00 - 10.20	B						
		9.50		50 (4,4/50 for 275mm)					
		9.50 - 9.77	D						10

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.

Project Name: Pogmoor Land

 Project No.
4454

Co-ords: 432444.17 - 406700.45

 Hole Type
CP

Location: Barnsley West

Level: 140.15

 Scale
1:50

Client: Strata Homes

Dates: 10/10/2022 - 10/10/2022

 Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20			0.20	139.95		MADE GROUND: Greyish brown slightly gravelly CLAY. Gravel is subangular fine to coarse of mudstone, sandstone and coal. (MADE GROUND TOPSOIL)	
		1.00	D						1
		1.00 - 1.45	U						
		1.00 - 2.00	B						
		1.60	D						
		2.00		N=23 (2,3/6,5,7,5)					2
		2.00 - 2.45	D						
		3.00		N=10 (1,1/1,2,3,4)					3
		3.00 - 3.45	D						
		4.00	D						4
		4.00 - 4.45	U						
		5.00		N=11 (2,2/2,3,3,3)					5
		5.00 - 5.45	D						
		5.00 - 6.00	B						
		6.50		50 (4,4/50 for 235mm)					6
		6.50 - 6.67	D						
		8.00		N=29 (12,5/8,6,7,8)					8
		8.00 - 8.45	D						
		9.50		N=22 (2,2/5,5,6,6)					9
		9.50 - 9.95	D						

Continued on next sheet

10

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

BH10

Sheet 2 of 2

Project Name: Pogmoor Land

 Project No.
4454

Co-ords: 432444.17 - 406700.45

 Hole Type
CP

Location: Barnsley West

Level: 140.15

 Scale
1:50

Client: Strata Homes

Dates: 10/10/2022 - 10/10/2022

 Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		11.00 11.00 - 11.45	D	N=14 (4,5/1,0,1,12)				11
		12.00 - 12.50	B		12.00	128.15		12
		12.50 12.50 - 12.95	D	N=20 (4,6/5,4,5,6)				13
		14.00 14.00 - 14.45	D	N=39 (3,3/3,3,10,23)	13.90	126.25		14
	14.50 14.50 - 14.61	D	50 (25 for 140mm/50 for 275mm)	14.40 14.61	125.75 125.54		15	

MADE GROUND: Black mottled grey clayey angular fine to medium GRAVEL of predominately coal and occasional mudstone. (COAL ARISINGS)

Black COAL.
(BARNSELY COAL SEAM)

Grey Mudstone.
(COAL MEASURES)

At 14.61m, refusal on bedrock.
End of borehole at 14.50 m

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.

Appendix H
Rotary Open Probehole Logs

Borehole Log

Borehole No.

PH01

Sheet 2 of 3

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432350.45 - 406934.58

Hole Type
PH

Location: Barnsley West

Level: 131.05

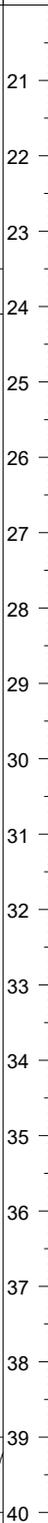
Scale
1:100

Client: Strata Homes

Dates: 04/11/2022 - 04/11/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					23.50	107.55		Black COAL. (DUNSIL COAL SEAM) Grey MUDSTONE. (COAL MEASURES)
					24.10	106.95		
								From 27.5 to 28m - Dark grey MUDSTONE.
					39.00	92.05		Black COAL. (THIN COAL SEAM) Grey MUDSTONE.
					39.20	91.85		



Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH01

Sheet 3 of 3

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432350.45 - 406934.58

Hole Type
PH

Location: Barnsley West

Level: 131.05

Scale
1:100

Client: Strata Homes

Dates: 04/11/2022 - 04/11/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								(COAL MEASURES)	41
									42
									43
									44
									45
									46
									47
					47.80	83.25			48
					48.30	82.75		Black COAL. (GAWBER COAL SEAM)	48
								Grey MUDSTONE. (COAL MEASURES)	49
									50
					51.00	80.05			51
								End of borehole at 51.00 m	52
									53
									54
									55
									56
									57
									58
									59
									60

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH02

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432293.85 - 406927.23

Hole Type
PH

Location: Barnsley West

Level: 128.90

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Well ID]					2.00	126.90	[Cross-hatch pattern]	MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1
							[Dotted pattern]	Brown SANDSTONE. (COAL MEASURES)	2
					4.80	124.10	[Horizontal line pattern]	Grey MUDSTONE. (COAL MEASURES)	3
								[Vertical line pattern]	
								5	
								6	
								7	
								8	
								9	
								10	
								11	
								12	
								13	
								14	
								15	
								16	
					17.00	111.90	[Solid black]	Black COAL. (DUNSIL COAL SEAM)	17
					17.40	111.50	[Horizontal line pattern]	Grey MUDSTONE. (COAL MEASURES)	18
								19	
								20	

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

PH02

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432293.85 - 406927.23

Hole Type
PH

Location: Barnsley West

Level: 128.90

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					21.00	107.90		End of borehole at 21.00 m	21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

PH03

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432265.76 - 406875.99

Hole Type
PH

Location: Barnsley West

Level: 131.00

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					21.00	110.00		End of borehole at 21.00 m	21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH04

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432265.98 - 406848.09

Hole Type
PH

Location: Barnsley West

Level: 132.05

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		1
					3.00	129.05	Brown SANDSTONE. (COAL MEASURES)		2
									3
									4
									5
					6.60	125.45	Grey MUDSTONE. (COAL MEASURES)		6
									7
									8
									9
									10
									11
									12
									13
									14
									15
					18.00	114.05	Black COAL. (DUNSIL COAL SEAM)		16
					18.60	113.45	Grey MUDSTONE. (COAL MEASURES)		17
									18
									19
									20

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

PH04

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432265.98 - 406848.09

Hole Type
PH

Location: Barnsley West

Level: 132.05

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					21.00	111.05		End of borehole at 21.00 m	21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH05

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432265.99 - 406818.16

Hole Type
PH

Location: Barnsley West

Level: 132.70

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1	
					2.80	129.90		2	
					3.20	129.50	Black COAL. (BARNSELY COAL SEAM)	3	
							Brown SANDSTONE. (COAL MEASURES)	4	
								5	
								6	
								7	
					7.60	125.10	Grey MUDSTONE. (COAL MEASURES)	8	
								9	
								10	
								11	
								12	
								13	
								14	
								15	
								16	
								17	
					18.30	114.40	Black COAL. (DUNSIL COAL SEAM)	18	
					18.80	113.90	Grey MUDSTONE. (COAL MEASURES)	19	
								20	

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH05

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432265.99 - 406818.16

Hole Type
PH

Location: Barnsley West

Level: 132.70

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					21.00	111.70		End of borehole at 21.00 m	21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH06

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432286.14 - 406768.57

Hole Type
PH

Location: Barnsley West

Level: 135.65

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		
							<i>AT 1.6m - Sandstone boulder.</i>		
					9.50	126.15	Grey MUDSTONE. (COAL MEASURES)		

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH06

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432286.14 - 406768.57

Hole Type
PH

Location: Barnsley West

Level: 135.65

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					20.60	115.05			
					21.10	114.55		Black COAL. (DUNSIL COAL SEAM)	21
								Grey MUDSTONE. (COAL MEASURES)	22
					24.00	111.65			23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

End of borehole at 24.00 m

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH07

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432321.70 - 406815.64

Hole Type
PH

Location: Barnsley West

Level: 136.50

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					8.10	128.40		MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1 2 3 4 5 6 7 8
								Brown SANDSTONE. (COAL MEASURES)	9 10 11
					12.00	124.50		Grey MUDSTONE. (COAL MEASURES)	12 13 14 15 16 17 18 19 20

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH07

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432321.70 - 406815.64

Hole Type
PH

Location: Barnsley West

Level: 136.50

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
									21
					23.60	112.90			22
					24.10	112.40		Black COAL. (DUNSIL COAL SEAM)	23
								Grey MUDSTONE. (COAL MEASURES)	24
									25
									26
					27.00	109.50			27
								End of borehole at 27.00 m	28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH08

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432329.77 - 406856.26

Hole Type
PH

Location: Barnsley West

Level: 135.30

Scale
1:100

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		1
									2
									3
									4
									5
					7.50	127.80			6
									7
									8
							Brown SANDSTONE. (COAL MEASURES)		9
									10
					10.30	125.00			11
							Grey MUDSTONE. (COAL MEASURES)		12
									13
									14
									15
									16
									17
									18
									19
									20

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH08

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432329.77 - 406856.26

Hole Type
PH

Location: Barnsley West

Level: 135.30

Scale
1:100

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
									21
					23.20	112.10			22
					23.80	111.50	Black COAL. (DUNSIL COAL SEAM)		23
							Grey MUDSTONE. (COAL MEASURES)		24
									25
									26
					27.00	108.30			27
								End of borehole at 27.00 m	28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

PH09

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432347.47 - 406898.33

Hole Type
PH

Location: Barnsley West

Level: 133.35

Scale
1:100

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
									21
									22
									23
									24
									25
									26
									27
									28
									29
					30.00	103.35			30
								End of borehole at 30.00 m	31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH10

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432409.11 - 406902.10

Hole Type
PH

Location: Barnsley West

Level: 134.60

Scale
1:100

Client: Strata Homes

Dates: 07/10/2022 - 07/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description							
		Depth (m)	Type	Results											
					11.20	123.40		MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1						
					14.00	120.60		Brown SANDSTONE. (COAL MEASURES)	11						
								Grey MUDSTONE. (COAL MEASURES)	12						
									13						
									14						
									15						
									16						
									17						
									18						
									19						
									20						

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH10

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432409.11 - 406902.10

Hole Type
PH

Location: Barnsley West

Level: 134.60

Scale
1:100

Client: Strata Homes

Dates: 07/10/2022 - 07/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
								21
								22
								23
								24
								25
					26.40	108.20		26
					27.00	107.60	Black COAL. (DUNSIL COAL SEAM)	27
							Grey MUDSTONE. (COAL MEASURES)	28
								29
					30.00	104.60		30
							----- End of borehole at 30.00 m	31
								32
								33
								34
								35
								36
								37
								38
								39
								40

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH11

Sheet 1 of 3

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432381.28 - 406846.12

Hole Type
PH

Location: Barnsley West

Level: 136.10

Scale
1:100

Client: Strata Homes

Dates: 07/10/2022 - 07/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					10.20	125.90		MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1
									2
									3
								4	
								5	
								6	
								7	
								8	
								9	
								10	
					10.20	125.90		Brown SANDSTONE. (COAL MEASURES)	11
								12	
								13	
					13.50	122.60		Grey MUDSTONE. (COAL MEASURES)	14
								15	
								16	
								17	
								18	
								19	
								20	

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH11

Sheet 2 of 3

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432381.28 - 406846.12

Hole Type
PH

Location: Barnsley West

Level: 136.10

Scale
1:100

Client: Strata Homes

Dates: 07/10/2022 - 07/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					26.20	109.90	 Black COAL. (DUNSIL COAL SEAM)	Grey MUDSTONE. (COAL MEASURES)	21
					26.70	109.40			22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH11

Sheet 3 of 3

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432381.28 - 406846.12

Hole Type
PH

Location: Barnsley West

Level: 136.10

Scale
1:100

Client: Strata Homes

Dates: 07/10/2022 - 07/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					41.10	95.00		Black COAL. (THIN COAL SEAM) Grey MUDSTONE. (COAL MEASURES)
					41.30	94.80		
					50.20	85.90		Black COAL. (GAWBER COAL SEAM) Grey MUDSTONE. (COAL MEASURES)
					50.70	85.40		
					54.00	82.10		End of borehole at 54.00 m

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH12

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432403.37 - 406769.78

Hole Type
PH

Location: Barnsley West

Level: 138.15

Scale
1:100

Client: Strata Homes

Dates: 10/10/2022 - 10/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
					12.60 12.90	125.55 125.25		Black COAL. (BARNSELY COAL SEAM)	13
							Grey MUDSTONE. (COAL MEASURES)	14	
									15
									16
									17
									18
									19
									20

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH12

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432403.37 - 406769.78

Hole Type
PH

Location: Barnsley West

Level: 138.15

Scale
1:100

Client: Strata Homes

Dates: 10/10/2022 - 10/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]								21
								22
								23
								24
								25
								26
								27
				27.30	110.85		Black COAL. (DUNSIL COAL SEAM) Grey MUDSTONE. (COAL MEASURES)	27
				27.90	110.25			28
								29
				30.00	108.15			30
							----- End of borehole at 30.00 m	31
								32
								33
								34
								35
								36
								37
								38
								39
								40

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH13

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432410.00 - 406725.96

Hole Type
PH

Location: Barnsley West

Level: 139.25

Scale
1:100

Client: Strata Homes

Dates: 10/10/2022 - 10/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		
					13.30	125.95			
							At 13.3m - Mudstone bedrock. End of borehole at 13.30 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

PH14

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432359.64 - 406738.12

Hole Type
PH

Location: Barnsley West

Level: 138.25

Scale
1:100

Client: Strata Homes

Dates: 10/10/2022 - 10/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		
					8.30	129.95			
							At 8.3m - Mudstone bedrock.		
							End of borehole at 8.30 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH15

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432431.81 - 406694.47

Hole Type
PH

Location: Barnsley West

Level: 140.20

Scale
1:100

Client: Strata Homes

Dates: 11/10/2022 - 11/10/2022

Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAS T BACKFILL)		
					14.10	126.10			
							At 14.1m - Mudstone bedrock.		
							End of borehole at 14.10 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

PH16

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432409.38 - 406667.77

Hole Type
PH

Location: Barnsley West

Level: 140.55

Scale
1:100

Client: Strata Homes

Dates: 11/10/2022 - 11/10/2022

Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
Well									1
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	2	
								3	
								4	
								5	
								6	
								7	
								8	
								9	
								10	
								11	
								12	
					12.50	128.05		Grey MUDSTONE (COAL MEASURES)	13
									14
									15
									16
									17
									18
									19
									20

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

PH16

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432409.38 - 406667.77

Hole Type
PH

Location: Barnsley West

Level: 140.55

Scale
1:100

Client: Strata Homes

Dates: 11/10/2022 - 11/10/2022

Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					23.10	117.45		Black COAL (DUNSIL COAL SEAM) Grey MUDSTONE (COAL MEASURES)	21
					23.50	117.05			22
					27.00	113.55		End of borehole at 27.00 m	23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH17

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432317.96 - 406713.39

Hole Type
PH

Location: Barnsley West

Level: 137.10

Scale
1:100

Client: Strata Homes

Dates: 11/10/2022 - 11/10/2022

Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)		
					3.70	133.40			
					4.20	132.90	Black COAL (BARNSELY COAL SEAM)		
							Grey SILTSTONE (COAL MEASURES)		
					9.10	128.00	Grey MUDSTONE (COAL MEASURES)		
					18.30	118.80	Dark grey MUDSTONE (COAL MEASURES)		
					19.00	118.10	Black COAL (DUNSIL COAL SEAM)		
					19.40	117.70	Grey MUDSTONE		

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH17

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432317.96 - 406713.39

Hole Type
PH

Location: Barnsley West

Level: 137.10

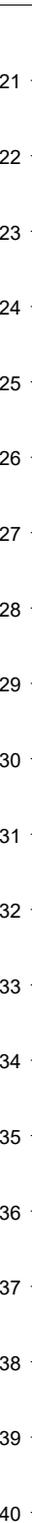
Scale
1:100

Client: Strata Homes

Dates: 11/10/2022 - 11/10/2022

Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							(COAL MEASURES)		
					24.00	113.10			
							End of borehole at 24.00 m		



Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH18

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432439.56 - 406651.12

Hole Type
PH

Location: Barnsley West

Level: 141.70

Scale
1:100

Client: Strata Homes

Dates: 11/10/2022 - 11/10/2022

Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		1
									2
									3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
				13.60	128.10				14
				13.90	127.80		Black COAL (BARNSELY COAL SEAM)		14
							Grey MUDSTONE (COAL MEASURES)		14
				15.00	126.70				15
								End of borehole at 15.00 m	15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

PH19

Sheet 1 of 1

Project Name: Pogmoor Land

 Project No.
4454

Co-ords: 432453.39 - 406655.40

 Hole Type
PH

Location: Barnsley West

Level: 141.75

 Scale
1:100

Client: Strata Homes

Dates: 11/10/2022 - 11/10/2022

 Logged By
ET

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)	1	
					2.70	139.05		2	
							Light brown SANDSTONE (COAL MEASURES)	3	
								4	
					6.50	135.25		5	
							Grey MUDSTONE (COAL MEASURES)	6	
								7	
					9.70	132.05		8	
							No recovery (Loss of flush). Very soft - possible mine workings. (BARNSELY COAL SEAM)	9	
								10	
					12.00	129.75		11	
							SOLID (loss of flush). (COAL MEASURES)	12	
							End of borehole at 11.00 m	13	
					15.00	126.75		14	
								15	
								16	
								17	
								18	
								19	
								20	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

PH20

Sheet 1 of 1

Project Name: Pogmoor Land

 Project No.
4454

Co-ords: 432468.78 - 406680.18

 Hole Type
PH

Location: Barnsley West

Level: 141.20

 Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

 Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)	1	
					2.00	139.20	Brown SANDSTONE. (COAL MEASURES)	2	
								3	
								4	
					5.80	135.40	Grey MUDSTONE. (COAL MEASURES)	5	
								6	
					7.00	134.20	Brown SANDSTONE. (COAL MEASURES)	7	
								8	
					8.40	132.80	Grey MUDSTONE. (COAL MEASURES)	9	
								10	
								11	
					12.00	129.20	No recovery (Loss of flush). Very soft - possible mine workings. (BARNSELY COAL SEAM)	12	
								13	
								14	
					15.50	125.70	SOLID (loss of flush). (COAL MEASURES)	15	
								16	
								17	
					18.00	123.20	----- End of borehole at 18.00 m	18	
								19	
								20	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

PH21

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432468.74 - 406707.85

Hole Type
PH

Location: Barnsley West

Level: 140.10

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)	1	
								2	
				2.80	137.30		Brown SANDSTONE. (COAL MEASURES)	3	
								4	
				6.10	134.00		Grey MUDSTONE. (COAL MEASURES)	6	
								7	
				8.50	131.60		No recovery (Loss of flush). Very soft - possible mine workings. (BARNSELY COAL SEAM)	9	
								10	
				11.80	128.30		SOLID (loss of flush). (COAL MEASURES)	12	
								13	
				15.00	125.10		End of borehole at 15.00 m	15	
								16	
								17	
								18	
								19	
								20	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH22

Sheet 1 of 1

Project Name: Pogmoor Land

 Project No.
4454

Co-ords: 432464.92 - 406730.81

 Hole Type
PH

Location: Barnsley West

Level: 139.15

 Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

 Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)	1	
					2.50	136.65		2	
							Brown SANDSTONE. (COAL MEASURES)	3	
								4	
					6.00	133.15		5	
							Grey MUDSTONE. (COAL MEASURES)	6	
								7	
								8	
					10.10	129.05		9	
							No recovery (Loss of flush). Very soft - possible mine workings. (BARNSELY COAL SEAM)	10	
								11	
								12	
					13.50	125.65		13	
							SOLID (loss of flush). (COAL MEASURES)	14	
								15	
								16	
								17	
					18.00	121.15		18	
							End of borehole at 18.00 m	19	
								20	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

PH23

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432458.66 - 406765.22

Hole Type
PH

Location: Barnsley West

Level: 138.10

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					2.00	136.10		Brown CLAY (COHESIVE RESIDUAL SOIL)	1
								Brown SANDSTONE. (COAL MEASURES)	2
								Grey MUDSTONE. (COAL MEASURES)	3
					5.90	132.20		Grey MUDSTONE. (COAL MEASURES)	4
									5
									6
									7
					14.20	123.90		Black COAL. (BARNSELY COAL SEAM)	8
					15.70	122.40		Grey MUDSTONE. (COAL MEASURES)	9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH23

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432458.66 - 406765.22

Hole Type
PH

Location: Barnsley West

Level: 138.10

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]								21
								22
								23
								24
								25
								26
								27
				27.80	110.30		Black COAL. (DUNSIL COAL SEAM) Grey MUDSTONE. (COAL MEASURES)	28
				28.30	109.80			29
								30
				30.00	108.10		End of borehole at 30.00 m	31
								32
								33
								34
								35
								36
								37
								38
								39
								40

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH24

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432449.22 - 406759.45

Hole Type
PH

Location: Barnsley West

Level: 138.15

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
					15.50	122.65		Brown SANDSTONE. (COAL MEASURES)	
					18.00	120.15		End of borehole at 18.00 m	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH26

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432468.46 - 406828.73

Hole Type
PH

Location: Barnsley West

Level: 137.80

Scale
1:100

Client: Strata Homes

Dates: 14/10/2022 - 14/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)		
					3.00	134.80			
							Brown SANDSTONE. (COAL MEASURES)		
					6.80	131.00			
							Grey MUDSTONE. (COAL MEASURES)		
					13.10	124.70			
							No recovery (Loss of flush). Very soft - possible mine workings. (BARNSELY COAL SEAM)		
					16.50	121.30			
							Solid (loss of flush). (COAL MEASURES)		
Continued on next sheet									

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

PH26

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432468.46 - 406828.73

Hole Type
PH

Location: Barnsley West

Level: 137.80

Scale
1:100

Client: Strata Homes

Dates: 14/10/2022 - 14/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					21.00	116.80		End of borehole at 21.00 m	21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH27

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432450.67 - 406889.17

Hole Type
PH

Location: Barnsley West

Level: 135.95

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCASST BACKFILL)		
					14.00	121.95			
					18.00	117.95	Brown SANDSTONE. (COAL MEASURES)		
							End of borehole at 18.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

PH28

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432428.49 - 406921.16

Hole Type
PH

Location: Barnsley West

Level: 134.10

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
					13.30	120.80			
					15.00	119.10		Brown SANDSTONE. (COAL MEASURES)	
								End of borehole at 15.00 m	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

PH29

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432444.10 - 406947.78

Hole Type
PH

Location: Barnsley West

Level: 133.35

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		1 2 3 4 5 6 7 8 9 10 11 12
					12.50 12.80	120.85 120.55	Black COAL. (BARNSELY COAL SEAM) Brown SANDSTONE. (COAL MEASURES)		13 14
					15.00	118.35	End of borehole at 15.00 m		15 16 17 18 19 20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Appendix I

Stitched Rotary Open Probehole Logs

Borehole Log

Borehole No.

ST01a

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432318.11 - 406948.65

Hole Type
PH

Location: Barnsley West

Level: 127.85

Scale
1:100

Client: Strata Homes

Dates: 04/10/2022 - 04/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					3.00	124.85		Brown CLAY (COHESIVE RESIDUAL SOIL)	1
									2
									3
								Brown SANDSTONE. (COAL MEASURES)	4
									5
									6
									7
									8
					9.00	118.85			9
								End of borehole at 9.00 m	10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST01b

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432319.45 - 406946.80

Hole Type
PH

Location: Barnsley West

Level: 128.15

Scale
1:100

Client: Strata Homes

Dates: 04/10/2022 - 04/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		
					3.50	124.65			
							Brown SANDSTONE. (COAL MEASURES)		
					6.00	122.15			
							End of borehole at 6.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST01c

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432321.09 - 406944.76

Hole Type
PH

Location: Barnsley West

Level: 128.40

Scale
1:100

Client: Strata Homes

Dates: 04/10/2022 - 04/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		
					3.80	124.60			
					6.00	122.40	Brown SANDSTONE. (COAL MEASURES)		
							End of borehole at 6.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST01d

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432322.91 - 406942.47

Hole Type
PH

Location: Barnsley West

Level: 128.65

Scale
1:100

Client: Strata Homes

Dates: 04/10/2022 - 04/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAS T BACKFILL)		
					4.20	124.45			
					6.00	122.65	Brown SANDSTONE. (COAL MEASURES)		
							End of borehole at 6.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST01e

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432324.56 - 406940.27

Hole Type
PH

Location: Barnsley West

Level: 128.95

Scale
1:100

Client: Strata Homes

Dates: 04/10/2022 - 04/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCASST BACKFILL)	1	
					4.50	124.45		2	
							Brown SANDSTONE. (COAL MEASURES)	3	
								4	
					6.00	122.95		5	
							End of borehole at 6.00 m	6	
								7	
								8	
								9	
								10	
								11	
								12	
								13	
								14	
								15	
								16	
								17	
								18	
								19	
								20	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST02a

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432289.84 - 406917.08

Hole Type
PH

Location: Barnsley West

Level: 129.65

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.00	128.65		Brown CLAY (COHESIVE RESIDUAL SOIL)	1
					1.30	128.35		Black COAL. (BARNSELY COAL SEAM)	2
					1.90	127.75		Grey MUDSTONE. (COAL MEASURES)	3
								Brown SANDSTONE. (COAL MEASURES)	4
					6.00	123.65	End of borehole at 6.00 m		6

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST02b

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432291.40 - 406915.18

Hole Type
PH

Location: Barnsley West

Level: 129.80

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					2.30	127.50		MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1
								Brown SANDSTONE. (COAL MEASURES)	2
					6.00	123.80			3
									4
									5
									6
								End of borehole at 6.00 m	7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST02c

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432293.07 - 406913.36

Hole Type
PH

Location: Barnsley West

Level: 130.05

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					2.70	127.35		MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1
								Brown SANDSTONE. (COAL MEASURES)	2
					6.00	124.05		End of borehole at 6.00 m	3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST02d

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432294.52 - 406911.95

Hole Type
PH

Location: Barnsley West

Level: 130.30

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					3.10	127.20		MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1
								Brown SANDSTONE. (COAL MEASURES)	2
					6.00	124.30		End of borehole at 6.00 m	3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST02e

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432295.78 - 406910.40

Hole Type
PH

Location: Barnsley West

Level: 130.55

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		
				3.60	126.95				
							Brown SANDSTONE. (COAL MEASURES)		
				6.00	124.55				
							End of borehole at 6.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST02f

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432299.58 - 406905.87

Hole Type
PH

Location: Barnsley West

Level: 131.05

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCASST BACKFILL)		
					4.20	126.85			
					6.00	125.05	Brown SANDSTONE. (COAL MEASURES)		
							End of borehole at 6.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST03a

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432276.80 - 406887.12

Hole Type
PH

Location: Barnsley West

Level: 131.15

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					3.50	127.65		MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1
								Brown SANDSTONE. (COAL MEASURES)	2
					6.00	125.15		End of borehole at 6.00 m	3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST03b

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432279.27 - 406886.47

Hole Type
PH

Location: Barnsley West

Level: 131.35

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		
					3.90	127.45			
							Brown SANDSTONE. (COAL MEASURES)		
					6.00	125.35			
							End of borehole at 6.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST03c

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432281.56 - 406886.25

Hole Type
PH

Location: Barnsley West

Level: 131.55

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		
					4.40	127.15			
					6.00	125.55	Brown SANDSTONE. (COAL MEASURES)		
							End of borehole at 6.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST03d

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432283.95 - 406886.06

Hole Type
PH

Location: Barnsley West

Level: 131.65

Scale
1:100

Client: Strata Homes

Dates: 05/10/2022 - 05/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCASST BACKFILL)		
					4.50	127.15			
					6.00	125.65	Brown SANDSTONE. (COAL MEASURES)		
							End of borehole at 6.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST04a

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432284.27 - 406827.08

Hole Type
PH

Location: Barnsley West

Level: 134.30

Scale
1:100

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)		
					3.10	131.20			
					4.70	129.60	Black COAL. (BARNSELY COAL SEAM)		
							Brown SANDSTONE. (COAL MEASURES)		
					9.00	125.30			
							End of borehole at 9.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST04b

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432286.43 - 406827.05

Hole Type
PH

Location: Barnsley West

Level: 134.45

Scale
1:100

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					3.50	130.95		Brown CLAY (COHESIVE RESIDUAL SOIL)	1
									2
									3
					5.00	129.45		Black COAL. (BARNSELY COAL SEAM)	4
									5
								Brown SANDSTONE. (COAL MEASURES)	6
									7
									8
					9.00	125.45		End of borehole at 9.00 m	9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST04c

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432288.07 - 406826.98

Hole Type
PH

Location: Barnsley West

Level: 134.60

Scale
1:100

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		1
					5.20	129.40			2
									3
									4
									5
							Brown SANDSTONE. (COAL MEASURES)		6
									7
									8
					9.00	125.60			9
								End of borehole at 9.00 m	10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

ST04d

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432290.11 - 406826.76

Hole Type
PH

Location: Barnsley West

Level: 134.65

Scale
1:100

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					5.70	128.95		MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1
								Brown SANDSTONE. (COAL MEASURES)	6
					9.00	125.65		End of borehole at 9.00 m	9

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST05a

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432281.47 - 406776.23

Hole Type
PH

Location: Barnsley West

Level: 135.15

Scale
1:100

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)	1	
					3.10	132.05		2	
							Black COAL. (BARNSELY COAL SEAM)	3	
					4.20	130.95		4	
							Brown SANDSTONE. (COAL MEASURES)	5	
								6	
								7	
								8	
					9.00	126.15		9	
							End of borehole at 9.00 m	10	
								11	
								12	
								13	
								14	
								15	
								16	
								17	
								18	
								19	
								20	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST05b

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432282.94 - 406777.03

Hole Type
PH

Location: Barnsley West

Level: 135.25

Scale
1:100

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)		
					3.20	132.05			
					4.60	130.65	Black COAL. (BARNSELY COAL SEAM)		
							Brown SANDSTONE. (COAL MEASURES)		
					9.00	126.25			
							End of borehole at 9.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST05c

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432284.08 - 406778.00

Hole Type
PH

Location: Barnsley West

Level: 135.35

Scale
1:100

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1	
					5.40	129.95		2	
								3	
								4	
								5	
							Brown SANDSTONE. (COAL MEASURES)	6	
								7	
								8	
					9.00	126.35		9	
							End of borehole at 9.00 m	10	
								11	
								12	
								13	
								14	
								15	
								16	
								17	
								18	
								19	
								20	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST05d

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432285.36 - 406779.04

Hole Type
PH

Location: Barnsley West

Level: 135.50

Scale
1:100

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)		
					3.60	131.90			
					5.40	130.10	Black COAL. (BARNSELY COAL SEAM)		
							Brown SANDSTONE. (COAL MEASURES)		
					9.00	126.50			
							End of borehole at 9.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST05e

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432286.60 - 406779.99

Hole Type
PH

Location: Barnsley West

Level: 135.65

Scale
1:100

Client: Strata Homes

Dates: 06/10/2022 - 06/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)		
					4.00	131.65	Black COAL. (BARNSELY COAL SEAM)		
					5.80	129.85	Brown SANDSTONE. (COAL MEASURES)		
					9.00	126.65	End of borehole at 9.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST06a

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432326.59 - 406694.07

Hole Type
PH

Location: Barnsley West

Level: 137.35

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)	1	
					4.40	132.95		2	
					5.00	132.35	Black COAL. (BARNSELY COAL SEAM)	3	
							Brown SANDSTONE. (COAL MEASURES)	4	
								5	
					7.80	129.55	Grey MUDSTONE. (COAL MEASURES)	6	
					9.00	128.35		7	
							End of borehole at 9.00 m	8	
								9	
								10	
								11	
								12	
								13	
								14	
								15	
								16	
								17	
								18	
								19	
								20	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST06b

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432328.10 - 406695.14

Hole Type
PH

Location: Barnsley West

Level: 137.40

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)		1
					4.40	133.00			2
					5.00	132.40	Black COAL. (BARNSELY COAL SEAM)		3
							Brown SANDSTONE. (COAL MEASURES)		4
					6.00	131.40		End of borehole at 6.00 m	5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST06c

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432330.01 - 406696.63

Hole Type
PH

Location: Barnsley West

Level: 137.40

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)		
					4.30	133.10			
					4.90	132.50	Black COAL. (BARNSELY COAL SEAM)		
							Brown SANDSTONE. (COAL MEASURES)		
					6.00	131.40			
							End of borehole at 6.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST06d

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432332.04 - 406698.64

Hole Type
PH

Location: Barnsley West

Level: 137.45

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)		
					4.00	133.45			
					4.70	132.75	Black COAL. (BARNSELY COAL SEAM)		
							Brown SANDSTONE. (COAL MEASURES)		
					6.00	131.45			
							End of borehole at 6.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST06e

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432334.93 - 406701.34

Hole Type
PH

Location: Barnsley West

Level: 137.70

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								Brown CLAY (COHESIVE RESIDUAL SOIL)	1
					4.20	133.50			2
					4.80	132.90		Black COAL. (BARNSELY COAL SEAM)	3
							Brown SANDSTONE. (COAL MEASURES)	4	
								5	
								6	
								7	
								8	
					9.00	128.70		End of borehole at 9.00 m	9
								10	
								11	
								12	
								13	
								14	
								15	
								16	
								17	
								18	
								19	
								20	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST06f

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432339.29 - 406704.76

Hole Type
PH

Location: Barnsley West

Level: 137.80

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)		
					4.00	133.80			
					4.70	133.10	Black COAL. (BARNSELY COAL SEAM)		
							Brown SANDSTONE. (COAL MEASURES)		
					6.00	131.80			
							End of borehole at 6.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST06g

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: -

Hole Type
PH

Location: Barnsley West

Level:

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1 2 3 4 5 6	
					7.00		Brown SANDSTONE. (COAL MEASURES)	7 8	
					9.00		End of borehole at 9.00 m	9 10 11 12 13 14 15 16 17 18 19 20	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST07a

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432370.70 - 406656.66

Hole Type
PH

Location: Barnsley West

Level: 139.15

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)		1 2 3 4 5 6 7
					7.60	131.55	Black COAL. (BARNSELY COAL SEAM)		8
					9.00	130.15	Brown SANDSTONE. (COAL MEASURES)		9
					10.20	128.95	Grey MUDSTONE. (COAL MEASURES)		10 11
					12.00	127.15	End of borehole at 12.00 m		12 13 14 15 16 17 18 19 20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST07b

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432371.93 - 406658.17

Hole Type
PH

Location: Barnsley West

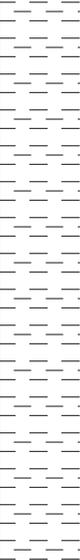
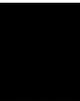
Level: 139.25

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								Brown CLAY (COHESIVE RESIDUAL SOIL)	1 2 3 4 5 6 7
					7.70	131.55		Black COAL. (BARNSELY COAL SEAM)	8
					9.00	130.25		Brown SANDSTONE. (COAL MEASURES)	9 10 11
				12.00	127.25			End of borehole at 12.00 m	12 13 14 15 16 17 18 19 20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST07c

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432372.51 - 406659.09

Hole Type
PH

Location: Barnsley West

Level: 139.25

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
								MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1	
										2
					9.50	129.75		Brown SANDSTONE. (COAL MEASURES)	4	
					10.20	129.05				5
								Grey MUDSTONE. (COAL MEASURES)	6	
										7
					12.00	127.25		End of borehole at 12.00 m	8	
									9	
									10	
									11	
									12	
									13	
									14	
									15	
									16	
									17	
									18	
									19	
									20	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST07d

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432373.47 - 406660.32

Hole Type
PH

Location: Barnsley West

Level: 139.30

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		1 2 3 4 5 6 7 8 9
					9.50	129.80			
					10.10	129.20	Brown SANDSTONE. (COAL MEASURES)	10
							=====	Grey MUDSTONE. (COAL MEASURES)	11
					12.00	127.30		----- End of borehole at 12.00 m	12 13 14 15 16 17 18 19 20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST08a

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432467.61 - 406681.78

Hole Type
PH

Location: Barnsley West

Level: 141.10

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					2.10	139.00		Brown CLAY (COHESIVE RESIDUAL SOIL)	1
								Brown SANDSTONE. (COAL MEASURES)	2
					6.00	135.10		End of borehole at 6.00 m	3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks
 1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST08b

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432466.27 - 406683.31

Hole Type
PH

Location: Barnsley West

Level: 141.00

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					3.20	137.80		Brown CLAY (COHESIVE RESIDUAL SOIL)	1 2 3
					6.00	135.00		Brown SANDSTONE. (COAL MEASURES)	4 5 6
								End of borehole at 6.00 m	7 8 9 10 11 12 13 14 15 16 17 18 19 20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST08c

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432464.82 - 406684.13

Hole Type
PH

Location: Barnsley West

Level: 140.85

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)		1 2
					3.00	137.85		Brown SANDSTONE. (COAL MEASURES)	3 4
					4.50 4.70	136.35 136.15		Black COAL. (COAL MEASURES) Brown SANDSTONE. (COAL MEASURES)	5
					6.00	134.85		End of borehole at 6.00 m	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST08d

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432463.10 - 406685.42

Hole Type
PH

Location: Barnsley West

Level: 140.80

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		1 2 3 4 5
					5.70	135.10	Brown SANDSTONE. (COAL MEASURES)		6 7 8
					9.00	131.80	End of borehole at 9.00 m		9 10 11 12 13 14 15 16 17 18 19 20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST08e

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432461.04 - 406685.91

Hole Type
PH

Location: Barnsley West

Level: 140.70

Scale
1:100

Client: Strata Homes

Dates: 12/10/2022 - 12/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		
					7.20	133.50			
					9.00	131.70	Brown SANDSTONE. (COAL MEASURES)		
							End of borehole at 9.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST09a

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432459.90 - 406742.80

Hole Type
PH

Location: Barnsley West

Level: 138.60

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)	1 2 3 4	
					4.50	134.10	Brown SANDSTONE. (COAL MEASURES)	5	
					6.00	132.60	End of borehole at 6.00 m	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST09b

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432458.29 - 406742.93

Hole Type
PH

Location: Barnsley West

Level: 138.70

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							Brown CLAY (COHESIVE RESIDUAL SOIL)	1 2 3 4 5	
					5.70	133.00	Brown SANDSTONE. (COAL MEASURES)	6 7 8	
					9.00	129.70	End of borehole at 9.00 m	9 10 11 12 13 14 15 16 17 18 19 20	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST09c

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432456.70 - 406743.02

Hole Type
PH

Location: Barnsley West

Level: 138.70

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCASST BACKFILL)		
					15.00	123.70			
					18.00	120.70			
							Brown SANDSTONE. (COAL MEASURES)		
							End of borehole at 18.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST09d

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432455.12 - 406743.00

Hole Type
PH

Location: Barnsley West

Level: 138.65

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
					15.10	123.55		Brown SANDSTONE. (COAL MEASURES)	
					18.00	120.65		End of borehole at 18.00 m	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST10a

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432452.84 - 406797.23

Hole Type
PH

Location: Barnsley West

Level: 137.50

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					3.00	134.50		Brown CLAY (COHESIVE RESIDUAL SOIL)	1
					6.00	131.50		Brown SANDSTONE. (COAL MEASURES)	2
								End of borehole at 6.00 m	3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks
 1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST10b

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432450.99 - 406797.03

Hole Type
PH

Location: Barnsley West

Level: 137.50

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		
					4.30	133.20			
					6.00	131.50	Brown SANDSTONE. (COAL MEASURES)		
							End of borehole at 6.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST10c

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432448.83 - 406796.66

Hole Type
PH

Location: Barnsley West

Level: 137.55

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		
					5.20	132.35			
							Brown SANDSTONE. (COAL MEASURES)		
					9.00	128.55			
							End of borehole at 9.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST10d

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432445.96 - 406796.42

Hole Type
PH

Location: Barnsley West

Level: 137.55

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		1
					6.40	131.15			2
									3
									4
									5
									6
							Brown SANDSTONE. (COAL MEASURES)		7
									8
					9.00	128.55			9
								End of borehole at 9.00 m	10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

ST10e

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432443.38 - 406796.15

Hole Type
PH

Location: Barnsley West

Level: 137.55

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					6.40	131.15		MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1
					9.00	128.55		Brown SANDSTONE. (COAL MEASURES)	2
								End of borehole at 9.00 m	3
									4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST10f

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: -

Hole Type
PH

Location: Barnsley West

Level:

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		
					7.10		Brown SANDSTONE. (COAL MEASURES)		
					9.00		End of borehole at 9.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST11a

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432462.44 - 406864.42

Hole Type
PH

Location: Barnsley West

Level: 136.90

Scale
1:100

Client: Strata Homes

Dates: 14/10/2022 - 14/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					2.50	134.40		Brown CLAY (COHESIVE RESIDUAL SOIL)	1
					6.00	130.90		Brown SANDSTONE. (COAL MEASURES)	2 3 4 5
							End of borehole at 6.00 m		6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST11b

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432460.78 - 406865.25

Hole Type
PH

Location: Barnsley West

Level: 136.75

Scale
1:100

Client: Strata Homes

Dates: 14/10/2022 - 14/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					2.70	134.05		Brown CLAY (COHESIVE RESIDUAL SOIL)	1
								Brown SANDSTONE. (COAL MEASURES)	2
					6.00	130.75			3
								End of borehole at 6.00 m	4
									5
									6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST11c

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432459.02 - 406866.20

Hole Type
PH

Location: Barnsley West

Level: 136.70

Scale
1:100

Client: Strata Homes

Dates: 14/10/2022 - 14/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					2.70	134.00		Brown CLAY (COHESIVE RESIDUAL SOIL)	1
									2
								Brown SANDSTONE. (COAL MEASURES)	3
									4
									5
					6.00	130.70			6
								End of borehole at 6.00 m	7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST11d

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432457.00 - 406867.13

Hole Type
PH

Location: Barnsley West

Level: 136.65

Scale
1:100

Client: Strata Homes

Dates: 14/10/2022 - 14/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					5.00	131.65		MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1 2 3 4
					9.00	127.65		Brown SANDSTONE. (COAL MEASURES)	5 6 7 8
								End of borehole at 9.00 m	9 10 11 12 13 14 15 16 17 18 19 20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST11e

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432455.12 - 406868.14

Hole Type
PH

Location: Barnsley West

Level: 136.55

Scale
1:100

Client: Strata Homes

Dates: 14/10/2022 - 14/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
					7.10	129.45		Brown SANDSTONE. (COAL MEASURES)	
					9.00	127.55		End of borehole at 9.00 m	

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST12a

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432474.34 - 406868.22

Hole Type
PH

Location: Barnsley West

Level: 137.10

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.30	135.80		Brown CLAY (COHESIVE RESIDUAL SOIL)	1
					6.00	131.10		Brown SANDSTONE. (COAL MEASURES)	2 3 4 5
							End of borehole at 6.00 m		6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST12b

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432474.14 - 406870.07

Hole Type
PH

Location: Barnsley West

Level: 137.15

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.30	135.85		Brown CLAY (COHESIVE RESIDUAL SOIL)	1
					6.00	131.15		Brown SANDSTONE. (COAL MEASURES)	2 3 4 5
							End of borehole at 6.00 m		6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST12c

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432473.54 - 406872.32

Hole Type
PH

Location: Barnsley West

Level: 136.95

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					2.50	134.45		MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1
								Brown SANDSTONE. (COAL MEASURES)	2
									3
									4
									5
					6.00	130.95		End of borehole at 6.00 m	6
									7
									8
									9
									10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST12d

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432472.36 - 406876.34

Hole Type
PH

Location: Barnsley West

Level: 136.90

Scale
1:100

Client: Strata Homes

Dates: 13/10/2022 - 13/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					4.80	132.10		MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)	1 2 3 4
					9.00	127.90		Brown SANDSTONE. (COAL MEASURES)	5 6 7 8
								End of borehole at 9.00 m	9 10 11 12 13 14 15 16 17 18 19 20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.





Borehole Log

Borehole No.

ST12e

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432471.59 - 406878.97

Hole Type
PH

Location: Barnsley West

Level: 136.80

Scale
1:100

Client: Strata Homes

Dates: 14/10/2022 - 14/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		
					6.90	129.90			
					9.00	127.80	Brown SANDSTONE. (COAL MEASURES)		
							End of borehole at 9.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.



Borehole Log

Borehole No.

ST13a

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: -

Hole Type
PH

Location: Barnsley West

Level:

Scale
1:100

Client: Strata Homes

Dates: 14/10/2022 - 14/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					3.80			Brown CLAY (COHESIVE RESIDUAL SOIL)	1
									2
									3
								Black COAL. (BARNSELY COAL SEAM)	4
									5
					6.80			Brown SANDSTONE. (COAL MEASURES)	6
									7
									8
					9.00				9
								End of borehole at 9.00 m	10
									11
									12
									13
									14
									15
									16
									17
									18
									19
									20

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

ST13b

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: -

Hole Type
PH

Location: Barnsley West

Level:

Scale
1:100

Client: Strata Homes

Dates: 14/10/2022 - 14/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		
					7.70				
					9.00		Brown SANDSTONE. (COAL MEASURES)		
							End of borehole at 9.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Borehole Log

Borehole No.

ST13c

Sheet 1 of 1

Project Name: Pogmoor Land

Project No.
4454

Co-ords: -

Hole Type
PH

Location: Barnsley West

Level:

Scale
1:100

Client: Strata Homes

Dates: 14/10/2022 - 14/10/2022

Logged By
WN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey gravelly CLAY. (OPENCAST BACKFILL)		
					8.00				
					9.00		Brown SANDSTONE. (COAL MEASURES)		
							End of borehole at 9.00 m		

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.

Appendix J
Rotary Cored Borehole Logs

Rotary Core Log

Borehole No.

RC01

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432331.02 - 406900.66

Hole Type
RC

Location: Barnsley West

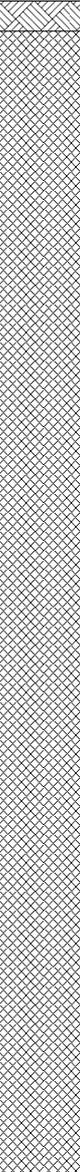
Level: 132.85

Scale
1:50

Client: Strata Homes

Dates: 03/10/2022 - 03/10/2022

Logged By
ET

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description
				TCR	SCR	RQD				
							0.20	132.65		<p>MADE GROUND: Greyish brown gravelly CLAY. Gravel is subrounded to subangular fine to medium of sandstone and coal. (MADE GROUND TOPSOIL) <i>From 0.0 to 7.8m - Rotary openhole.</i></p> <p>MADE GROUND: Brown gravelly CLAY. Gravel is angular to subrounded fine to coarse of siltstone, mudstone and burnt shale. (COHESIVE OPENCAST BACKFILL)</p>
		7.80 - 8.90	8	100	56	0	7.80	125.05		<p>Medium strong light brown SANDSTONE. Discontinuities are very closely to closely spaced sub-horizontal undulating rough close clean with penetrating brown staining. (COAL MEASURES) <i>From 7.8m - Rotary coring.</i></p>
		8.90 - 10.20		100	88	38	8.80	124.05		<p>Medium strong light grey cross-laminated SANDSTONE. Discontinuities are extremely closely to closely spaced sub-horizontal undulating rough closed clean with penetrating brown staining. (COAL MEASURES)</p>

1
2
3
4
5
6
7
8
9
10

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.



Rotary Core Log

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432331.02 - 406900.66

Hole Type
RC

Location: Barnsley West

Level: 132.85

Scale
1:50

Client: Strata Homes

Dates: 03/10/2022 - 03/10/2022

Logged By
ET

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
Dotted pattern		10.20 - 11.70	11	100	73	50	10.60	122.25	Dotted pattern	Very weak grey MUDSTONE. Discontinuities are closely spaced sub-horizontal smooth planar closed clean. (COAL MEASURES)	11
						11.25	121.60	Cross-hatched pattern			
		11.70 - 13.20	100	90	10	12.90	119.95		Horizontal lines pattern	Dark grey MUDSTONE with frequent subrounded to subangular medium to coarse gravel sized nodules of ironstone. (COAL MEASURES)	13
						12.95	119.90	Horizontal lines pattern			
					13.20	119.65					

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.





RC01, Box 1 of 3, 7.8m to cut



RC01, Box 2 of 3, cut to 11.7m



Rotary Core Log

Borehole No.

RC02

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432426.54 - 406830.22

Hole Type
RC

Location: Barnsley West

Level: 137.10

Scale
1:50

Client: Strata Homes

Dates: 03/10/2022 - 04/10/2022

Logged By
ET

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
							0.20	136.90		MADE GROUND: Greyish brown slightly sandy slightly gravelly CLAY. Gravel is subangular fine of coal, mudstone and sandstone. (MADE GROUND TOPSOIL) <i>From 0.0 to 14.5m - Rotary openhole.</i>	
							1.60	135.50		MADE GROUND: Brown gravelly CLAY. Gravel is angular to subrounded fine to coarse of siltstone, mudstone and burnt shale. (BURNT SHALE)	1
										MADE GROUND: Brown slightly clayey slightly sandy fine to coarse subangular to subrounded GRAVEL of mudstone and sandstone. (GRANULAR OPENCAST BACKFILL)	2
											3
											4
											5
											6
											7
											8
											9
											10

Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.



Rotary Core Log

Borehole No.

RC02

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432426.54 - 406830.22

Hole Type
RC

Location: Barnsley West

Level: 137.10

Scale
1:50

Client: Strata Homes

Dates: 03/10/2022 - 04/10/2022

Logged By
ET

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description
				TCR	SCR	RQD				
							14.30	122.80		
							14.50	122.60		
							14.60	122.50		
							14.95	122.15		
		14.50 - 16.40			84	74				
			15							
		16.40 - 17.90			100	100				
			2				18.00	119.10		
							18.40	118.70		
		17.90 - 19.40			100	69				
			15							
							19.40	117.70		

Remarks
1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.

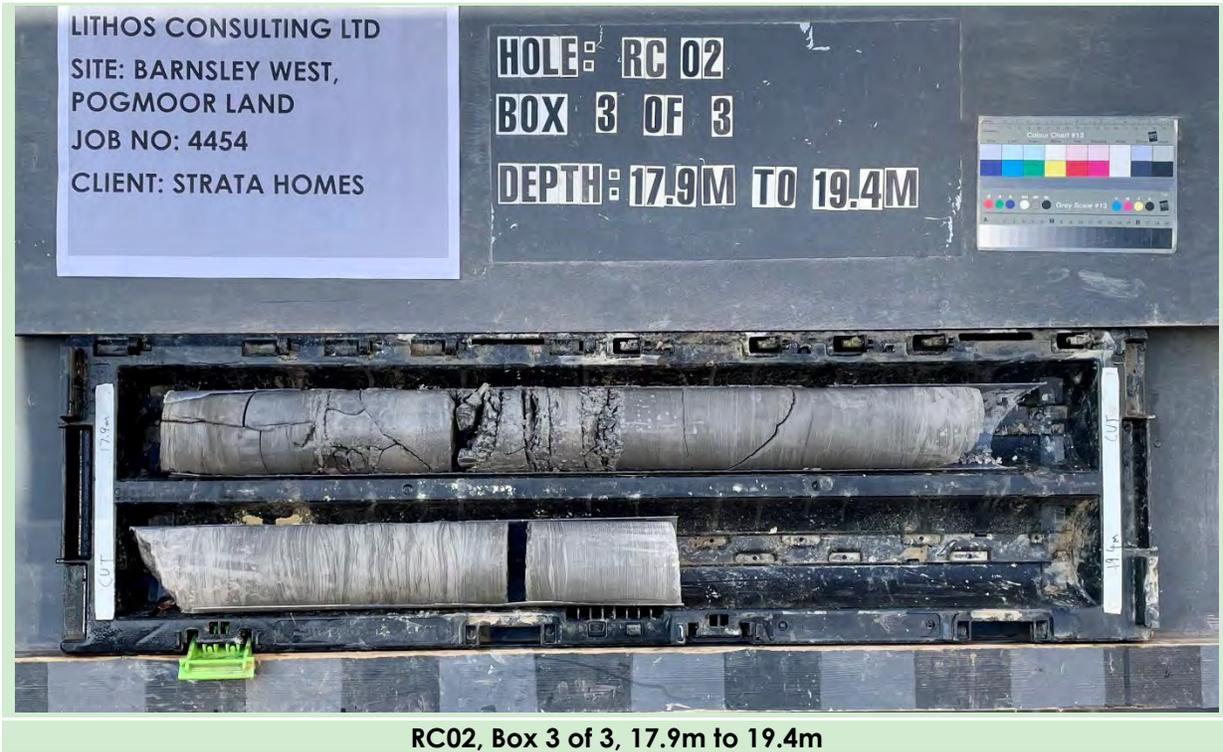




RC02, Box 1 of 3, 14.5m to 16.4m



RC02, Box 2 of 3, 16.4m to 17.9m



Rotary Core Log

Borehole No.

RC03

Sheet 1 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432386.64 - 406695.73

Hole Type
RC

Location: Barnsley West

Level: 139.45

Scale
1:50

Client: Strata Homes

Dates: 04/10/2022 - 04/10/2022

Logged By
ET

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description
				TCR	SCR	RQD				
							0.20	139.25		MADE GROUND: Greyish brown gravelly CLAY. Gravel is subrounded to subangular fine to medium of sandstone and coal. (MADE GROUND TOPSOIL) From 0.0 to 11.6m - Rotary openhole.
										MADE GROUND: Brown gravelly CLAY. Gravel is angular to subrounded fine to coarse of siltstone, mudstone and burnt shale. (COHESIVE OPENCAST BACKFILL)
										Between 8.2m and 9.3m - Light grey cobbles of fine grained sandstone.



Continued on next sheet

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.



Rotary Core Log

Borehole No.

RC03

Sheet 2 of 2

Project Name: Pogmoor Land

Project No.
4454

Co-ords: 432386.64 - 406695.73

Hole Type
RC

Location: Barnsley West

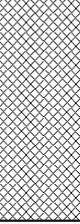
Level: 139.45

Scale
1:50

Client: Strata Homes

Dates: 04/10/2022 - 04/10/2022

Logged By
ET

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description
				TCR	SCR	RQD				
							11.50	127.95		
		11.60 - 12.00	9	100	90	27	11.90	127.55		Very weak dark grey closely interlaminated MUDSTONE and SILTSTONE. Discontinuities are very closely to closely spaced horizontal rough planar closed with clay on the surface. (COAL MEASURES)
		12.00 - 13.50		90	90	76				<i>From 11.6m - Rotary coring.</i> Weak grey cross laminated SILTSTONE. Discontinuities are very closely to medium spaced sub-horizontal rough planar closed clean. (COAL MEASURES)
		13.50 - 15.00	20	100	93	50	14.70	124.75		Very weak dark grey MUDSTONE. Discontinuities are closely spaced sub-horizontal smooth planar closed clean. (COAL MEASURES)
		15.00 - 16.50		100	100	95	15.00	124.45		Weak to medium strong SILTSTONE and thickly interlaminated MUDSTONE. Discontinuities are closely to medium spaced horizontal smooth planar closed clean. (COAL MEASURES)
							16.50	122.95		End of borehole at 16.50 m

Remarks

1. Prior to drilling a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was not apparent during drilling. 3. Exploratory hole surveyed in (level and co-ordinates) on completion.

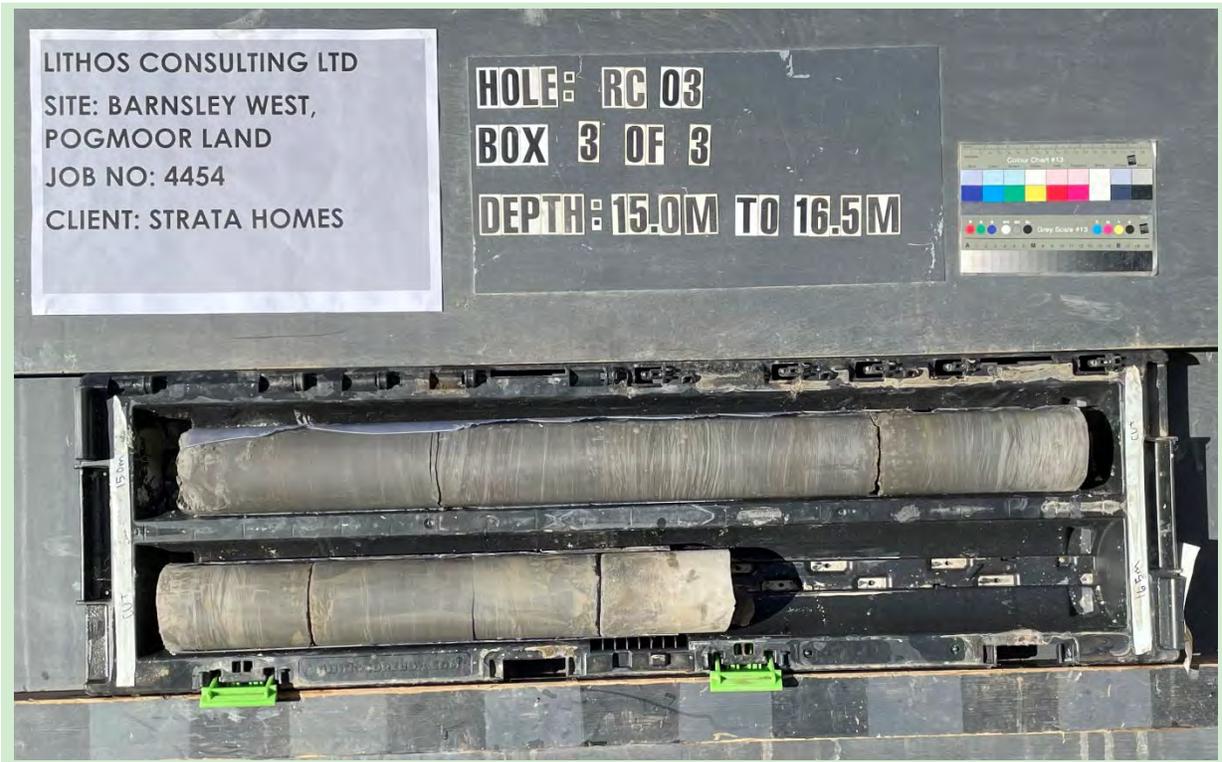




RC03, Box 1 of 3, 11.6m to 13.5m



RC03, Box 2 of 3, 13.5m to 15.0m



LITHOS CONSULTING LTD
SITE: BARNSLEY WEST,
POGMOOR LAND
JOB NO: 4454
CLIENT: STRATA HOMES

HOLE: RC 03
BOX 3 OF 3
DEPTH: 15.0M TO 16.5M



RC03, Box 3 of 3, 15.0 to 16.5m

Appendix K
Chemical Results



Certificate of Analysis

Certificate Number 22-20961

Issued: 26-Oct-22

Client Lithos Consulting Ltd
Parkhill
Walton Rd
Wetherby
LS22 5DZ

Our Reference 22-20961

Client Reference 4454

Order No PO19788

Contract Title Pogmoor Land

Description 39 Soil samples.

Date Received 18-Oct-22

Date Started 18-Oct-22

Date Completed 26-Oct-22

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By

A handwritten signature in black ink, appearing to read 'Kirk Bridgewood'.

Kirk Bridgewood
General Manager



2139

Summary of Chemical Analysis

Soil Samples

Our Ref 22-20961
 Client Ref 4454
 Contract Title Pogmoor Land

Lab No	2073163	2073164	2073165	2073166	2073167	2073168
Sample ID	TP13	TP15	TP17	TP03	TP06	TP19
Depth	0.10	0.10	0.10	0.10	0.10	0.10
Other ID						
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date	04/09/2022	04/09/2022	04/09/2022	03/09/2022	03/09/2022	04/09/2022
Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units	2073163	2073164	2073165	2073166	2073167	2073168
Preparation									
Stones >10mm	DETSC 1003*	1	% m/m	19	< 1.0	14	< 1.0	< 1.0	< 1.0
Moisture Content	DETSC 1004	0.1	%	11	10	17	14	14	13
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	25	13	11	14	13	11
Boron, Water Soluble	DETSC 2311#	0.2	mg/kg	0.5	0.4	0.8	0.4	0.4	0.4
Cadmium	DETSC 2301#	0.1	mg/kg	0.2	0.2	0.2	0.2	0.2	0.2
Chromium	DETSC 2301#	0.15	mg/kg	11	13	15	16	17	16
Chromium III	DETSC 2301*	0.15	mg/kg	11	13	15	16	17	16
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	33	34	27	31	35	28
Lead	DETSC 2301#	0.3	mg/kg	54	34	44	47	31	29
Mercury	DETSC 2325#	0.05	mg/kg	0.08	0.06	0.06	0.09	< 0.05	< 0.05
Nickel	DETSC 2301#	1	mg/kg	10	18	16	17	26	22
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vanadium	DETSC 2301#	0.8	mg/kg	23	26	25	27	28	24
Zinc	DETSC 2301#	1	mg/kg	61	61	92	79	82	75
Inorganics									
pH	DETSC 2008#		pH	5.9	6.1	5.6	6.3	6.2	6.3
Calorific Value	DETSC 5008	1	MJ/kg						
Total Organic Carbon	DETSC 2084#	0.5	%	5.0	3.2	3.9	4.7	6.3	4.4
Petroleum Hydrocarbons									
EPH (C6-C10)	DETSC 3321*	0.1	mg/kg				< 0.1	< 0.1	< 0.1
EPH (C10-C12)	DETSC 3311	10	mg/kg				< 10	< 10	< 10
EPH (C12-C16)	DETSC 3311	10	mg/kg				< 10	< 10	< 10
EPH (C16-C21)	DETSC 3311	10	mg/kg				< 10	< 10	< 10
EPH (C21-C35)	DETSC 3311	10	mg/kg				< 10	< 10	< 10
EPH (C35-C40)	DETSC 3311	10	mg/kg				< 10	< 10	< 10
EPH (C10-C40)	DETSC 3311#	10	mg/kg				< 10	< 10	< 10
PAHs									
Naphthalene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Acenaphthylene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Acenaphthene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Fluorene	DETSC 3303	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Phenanthrene	DETSC 3303#	0.03	mg/kg	0.07	0.04	< 0.03	0.04	< 0.03	< 0.03
Anthracene	DETSC 3303	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Fluoranthene	DETSC 3303#	0.03	mg/kg	0.14	0.08	0.04	0.09	< 0.03	< 0.03
Pyrene	DETSC 3303#	0.03	mg/kg	0.12	0.07	0.04	0.08	< 0.03	< 0.03
Benzo(a)anthracene	DETSC 3303#	0.03	mg/kg	0.05	0.03	< 0.03	0.04	< 0.03	< 0.03
Chrysene	DETSC 3303	0.03	mg/kg	0.09	0.05	< 0.03	0.06	< 0.03	< 0.03
Benzo(b)fluoranthene	DETSC 3303#	0.03	mg/kg	0.11	0.06	< 0.03	0.06	< 0.03	< 0.03
Benzo(k)fluoranthene	DETSC 3303#	0.03	mg/kg	0.04	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Benzo(a)pyrene	DETSC 3303#	0.03	mg/kg	0.06	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03



Summary of Chemical Analysis

Soil Samples

Our Ref 22-20961
 Client Ref 4454
 Contract Title Pogmoor Land

Lab No	2073163	2073164	2073165	2073166	2073167	2073168
Sample ID	TP13	TP15	TP17	TP03	TP06	TP19
Depth	0.10	0.10	0.10	0.10	0.10	0.10
Other ID						
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date	04/09/2022	04/09/2022	04/09/2022	03/09/2022	03/09/2022	04/09/2022
Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units	2073163	2073164	2073165	2073166	2073167	2073168
Indeno(1,2,3-c,d)pyrene	DETS 3303#	0.03	mg/kg	0.04	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Dibenzo(a,h)anthracene	DETS 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Benzo(g,h,i)perylene	DETS 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
PAH - USEPA 16, Total	DETS 3303	0.1	mg/kg	0.71	0.33	< 0.10	0.37	< 0.10	< 0.10

Summary of Chemical Analysis

Soil Samples

Our Ref 22-20961
 Client Ref 4454
 Contract Title Pogmoor Land

Lab No	2073169	2073170	2073171	2073172	2073173	2073174
Sample ID	TP22	TP26	TP28	TP30	TP37	TP40
Depth	0.10	0.10	0.10	0.10	0.10	0.10
Other ID						
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date	04/10/2022	04/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022
Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units	2073169	2073170	2073171	2073172	2073173	2073174
Preparation									
Stones >10mm	DETSC 1003*	1	% m/m	< 1.0	< 1.0	11	< 1.0	< 1.0	< 1.0
Moisture Content	DETSC 1004	0.1	%	13	14	13	16	13	15
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	12	14	14	31	14	17
Boron, Water Soluble	DETSC 2311#	0.2	mg/kg	0.4	0.6	0.4	0.6	0.5	0.6
Cadmium	DETSC 2301#	0.1	mg/kg	0.2	0.2	0.2	0.2	0.2	0.2
Chromium	DETSC 2301#	0.15	mg/kg	17	17	17	17	15	16
Chromium III	DETSC 2301*	0.15	mg/kg	17	17	17	17	15	16
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	31	30	34	41	33	36
Lead	DETSC 2301#	0.3	mg/kg	40	49	43	62	47	57
Mercury	DETSC 2325#	0.05	mg/kg	0.08	0.07	0.07	< 0.05	0.20	0.08
Nickel	DETSC 2301#	1	mg/kg	20	17	19	18	17	17
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	0.5	< 0.5	0.7	0.8	0.6
Vanadium	DETSC 2301#	0.8	mg/kg	27	27	29	36	27	29
Zinc	DETSC 2301#	1	mg/kg	84	72	84	89	80	85
Inorganics									
pH	DETSC 2008#		pH	6.0	6.3	6.6	6.1	6.9	6.6
Calorific Value	DETSC 5008	1	MJ/kg						
Total Organic Carbon	DETSC 2084#	0.5	%	3.2	4.6	4.0	8.7	5.4	6.1
Petroleum Hydrocarbons									
EPH (C6-C10)	DETSC 3321*	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
EPH (C10-C12)	DETSC 3311	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
EPH (C12-C16)	DETSC 3311	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
EPH (C16-C21)	DETSC 3311	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
EPH (C21-C35)	DETSC 3311	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
EPH (C35-C40)	DETSC 3311	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
EPH (C10-C40)	DETSC 3311#	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
PAHs									
Naphthalene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Acenaphthylene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Acenaphthene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Fluorene	DETSC 3303	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Phenanthrene	DETSC 3303#	0.03	mg/kg	0.03	0.04	0.05	0.08	0.07	0.08
Anthracene	DETSC 3303	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Fluoranthene	DETSC 3303#	0.03	mg/kg	0.07	0.06	0.09	0.15	0.13	0.15
Pyrene	DETSC 3303#	0.03	mg/kg	0.06	0.05	0.08	0.13	0.11	0.13
Benzo(a)anthracene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	0.04	0.05	0.05	0.06
Chrysene	DETSC 3303	0.03	mg/kg	0.05	0.04	0.06	0.09	0.08	0.09
Benzo(b)fluoranthene	DETSC 3303#	0.03	mg/kg	0.04	< 0.03	0.06	0.07	0.07	0.08
Benzo(k)fluoranthene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Benzo(a)pyrene	DETSC 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	0.03	0.04



Summary of Chemical Analysis Soil Samples

Our Ref 22-20961
Client Ref 4454
Contract Title Pogmoor Land

Lab No	2073169	2073170	2073171	2073172	2073173	2073174
Sample ID	TP22	TP26	TP28	TP30	TP37	TP40
Depth	0.10	0.10	0.10	0.10	0.10	0.10
Other ID						
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date	04/10/2022	04/10/2022	05/10/2022	05/10/2022	05/10/2022	05/10/2022
Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units	2073169	2073170	2073171	2073172	2073173	2073174
Indeno(1,2,3-c,d)pyrene	DETS 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	0.03	< 0.03	< 0.03
Dibenzo(a,h)anthracene	DETS 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Benzo(g,h,i)perylene	DETS 3303#	0.03	mg/kg	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
PAH - USEPA 16, Total	DETS 3303	0.1	mg/kg	0.21	0.18	0.38	0.56	0.50	0.64