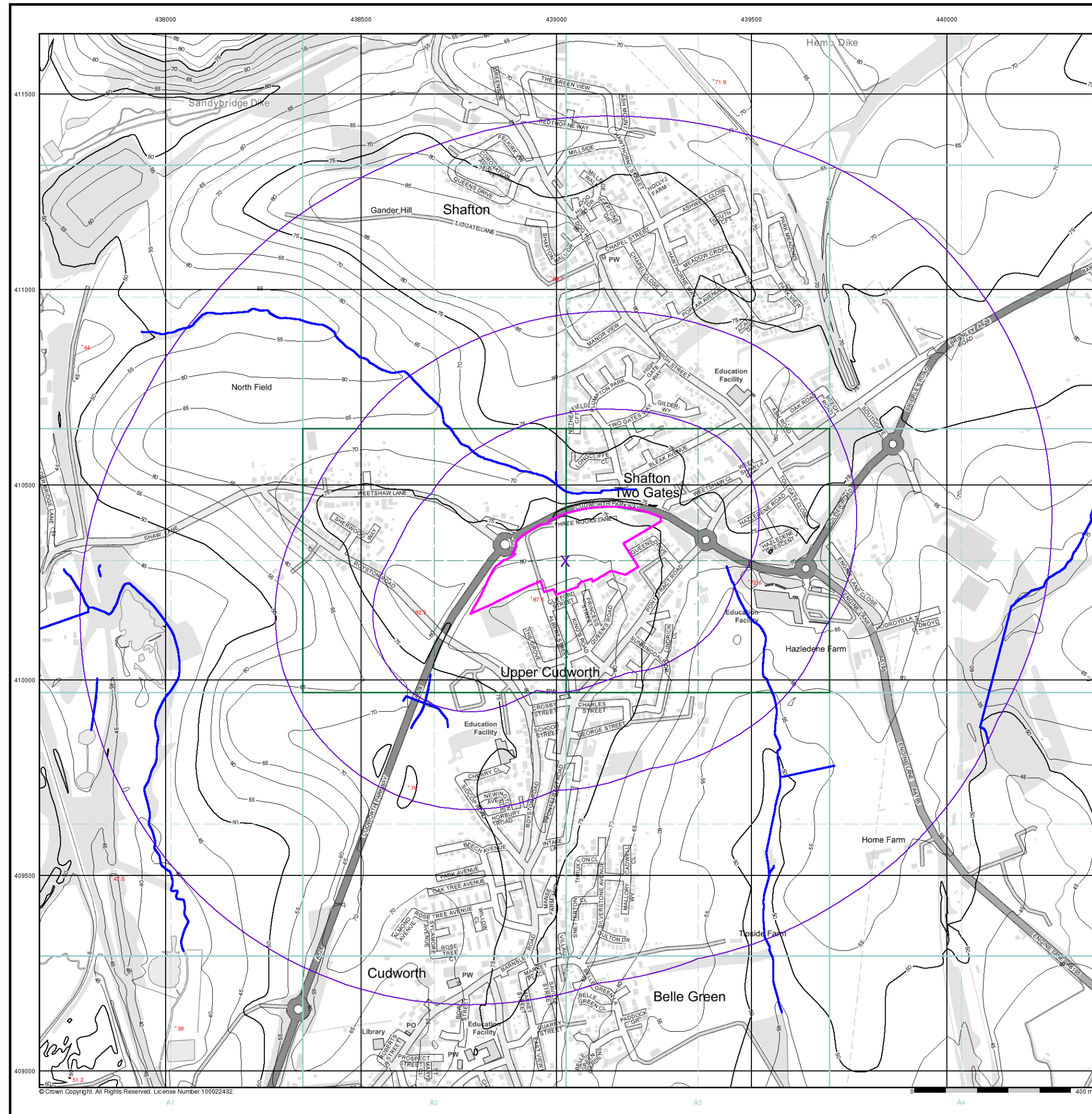




General

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

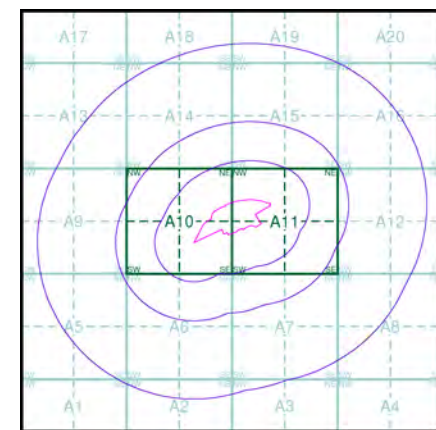
OS Water Network Data

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

Contours (height in meters)

- | | | | | | |
|------------------|-----|-----|----|-----|-----------------|
| Standard Contour | 105 | 100 | 95 | MLW | Mean Low Water |
| Master Contour | | | | MHW | Mean High Water |
| Spot Height | | | | | 167.3 |

OS Water Network Map - Slice A



Order Details

Order Number: 328843319_1_1
Customer Ref: 4674
National Grid Reference: 439020, 410300
Slice: A
Site Area (Ha): 6.23
Search Buffer (m): 1000

Site Details

Cudworth Parkway, Cudworth, BARNSELY, S72 8FG



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



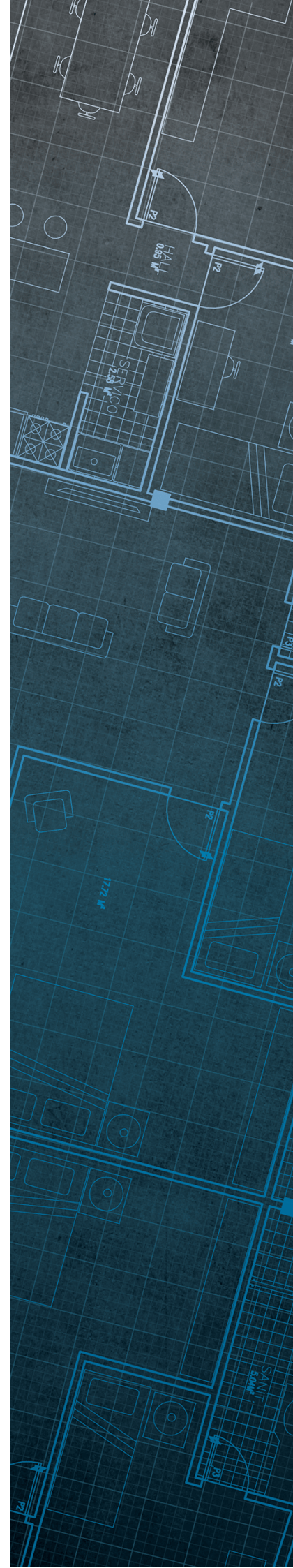
The Coal
Authority

Consultants Coal Mining Report

Cudworth Parkway
Cudworth
Barnsley
Barnsley
S72 8FG

Date of enquiry:	18 December 2023
Date enquiry received:	18 December 2023
Issue date:	18 December 2023

Our reference:	71009792557001
Your reference:	



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

LITHOS CONSULTING LTD

Enquiry address

Cudworth Parkway
Cudworth
Barnsley
Barnsley
S72 8FG

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



Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2018. All rights reserved.

Ordnance Survey Licence number: 100020315

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
unnamed	WINTER	Coal	65C6	265	North-West	4.4	North-East	79	1957
unnamed	STANLEY MAIN	Coal	65C8	277	North-West	4.4	North-East	74	1949
unnamed	WINTER	Coal	65C7	287	Beneath Property	7.1	East	82	1963
unnamed	STANLEY MAIN	Coal	65C9	294	North-West	3.9	North-East	74	1955
unnamed	KENT THICK	Coal	65CC	312	North-West	3.9	North-East	66	1942
unnamed	KENT THICK	Coal	65CD	360	Beneath Property	8.1	East	107	1970
WHARNCLIFFE	BARNSELY	Coal	64XR	387	South	7.4	East	170	1924
WHARNCLIFFE	KENT THICK	Coal	64XO	394	South	6.5	East	92	1970
unnamed	BARNSELY	Coal	65CF	401	Beneath Property	5.6	East	273	1898
unnamed	BARNSELY	Coal	65CE	413	Beneath Property	8.7	East	283	1935
unnamed	TOP HAIGH MOOR	Coal	65CI	444	North-West	4.4	North-East	117	1942
unnamed	BARNSELY	Coal	65CG	468	South-East	8.8	East	283	1930
unnamed	LIDGETT	Coal	65CL	469	North-West	4.1	North	76	1956
unnamed	LIDGETT	Coal	65CM	490	South	7.7	East	66	1959
unnamed	LIDGETT	Coal	64XE	493	South	6.7	East	166	1959
unnamed	TOP HAIGH MOOR	Coal	65CJ	521	North-East	6.6	East	122	1960
unnamed	PARKGATE	Coal	65CN	646	South	8.7	East	102	1950
GRIMETHORPE	PARKGATE	Coal	64XX	650	South-East	10.3	East	99	1949
GRIMETHORPE	FENTON	Coal	R170	748	East	3.6	East	213	1992

Probable unrecorded shallow workings

Yes.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

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

NE473	NE520	NE839
NE172	NE526	NE527
PO0	13477	NE522

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
SHAFTON	Coal	Yes	Within	N/A	286

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.

Fault 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
49.2	North

See Section 4 for further information.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

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

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.

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 notices to withdraw support were given in 1943, 1946, 1950, 1987 and 1989.

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.

Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority.

MINE GAS: Please note, if there are no recorded instances of mine gas within 500m of the enquiry boundary, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed. In these instances, the Coal Authority recommends that a more detailed Gas Risk Assessment is undertaken by a competent assessor.

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.

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. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded.

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.

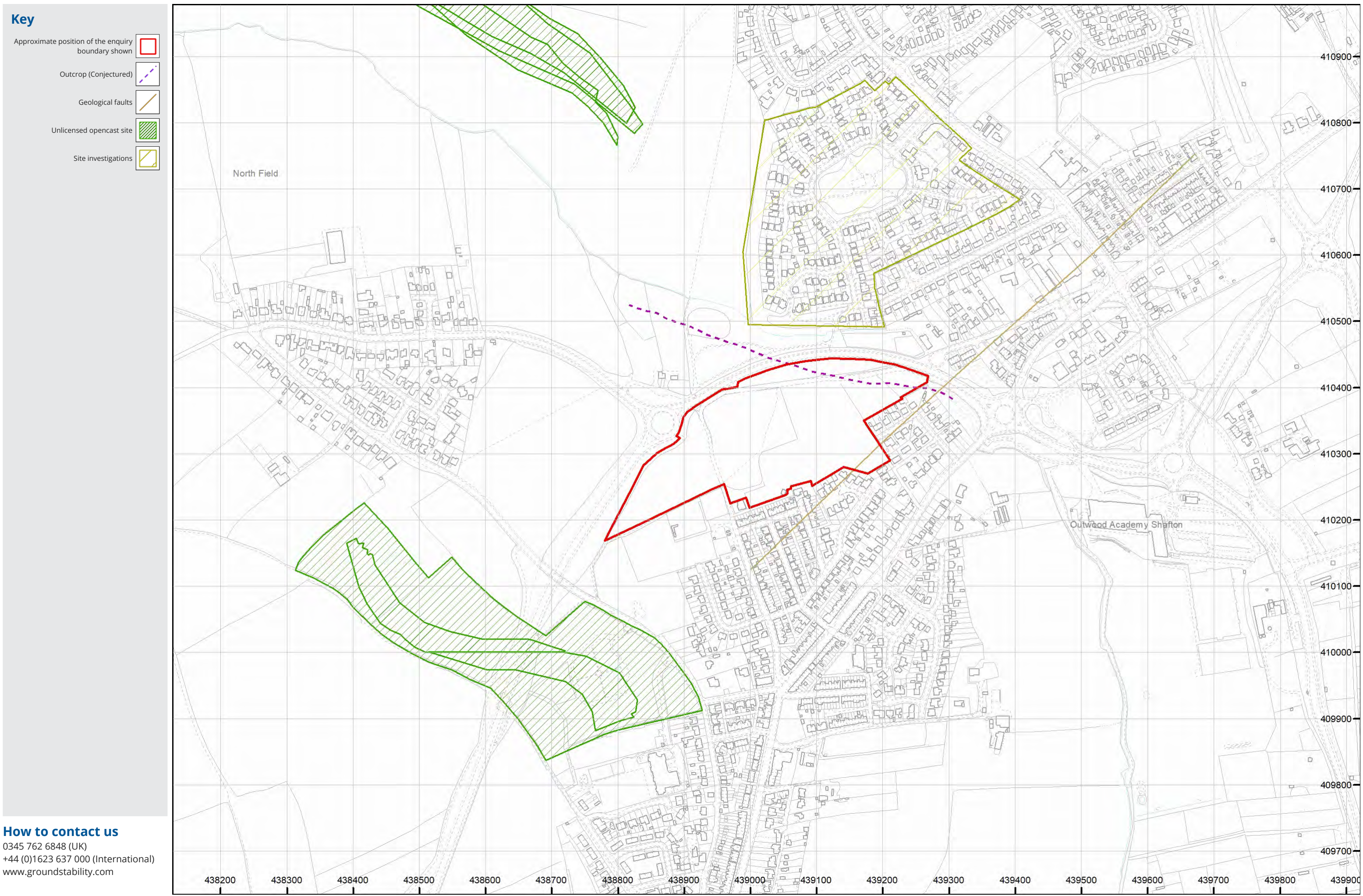
Withdrawal of support notices

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.



Lewis Whiteley

From: Diane Paradise <DianeParadise@coal.gov.uk>
Sent: 18 December 2023 16:42
To: Lewis Whiteley
Subject: RE: [External] 4674 Cudworth Parkway, Barnsley

Good afternoon Lewis,

I have updated the CA database and requested a new report is sent to you.

Please let me know if you do not receive by Thursday this week.

Kind Regards

Diane

 The Coal Authority
Diane Paradise
CSci BSc (Hons) FIMMM ACSM
Mining Consultant and Mining Information Manager
T : (01623) 637 337
E : DianeParadise@coal.gov.uk
W : <https://gov.uk/the-coal-authority>

From: Lewis Whiteley <Lewis.Whiteley@lithos.co.uk>
Sent: 18 December 2023 11:02
To: Diane Paradise <DianeParadise@coal.gov.uk>
Cc: Adam Gombocz <Adam.Gombocz@lithos.co.uk>
Subject: [External] 4674 Cudworth Parkway, Barnsley

You don't often get email from lewis.whiteley@lithos.co.uk. [Learn why this is important](#)

WARNING: This email originated outside of the Coal Authority. DO NOT CLICK any links or open any file attachments unless you recognise the sender and know the content is safe. Check the spelling of any email addresses carefully for anything unusual. If you are unsure please contact the ICT Service Desk for guidance.

Hi Diane

We are currently looking at a site in Cudworth near Barnsley which we will be investigating in the new year. There is some conflict between the mapped geology and what the Coal Authority report (attached) indicates with regards to shallow coal (and possible mining).

The majority of the site is mapped by the BGS as being underlain by Mexborough Rock sandstone with the Shafton Coal outcropping in the far east; strata dips to the north (see attached screenshot with approx. site boundary). The Coal Authority online viewer and report suggest the Shafton Coal cuts across the Mexborough Rock roughly northeast-southwest while all other coal outcrops in the fault block trend roughly

east-west. As a result, the south of the site is shown to be in a High Risk Area due to the potential for shallow mineworkings in the Shafton Coal.

Are you able to shed any light as to why the CA has the Shafton Coal outcropping parallel to the mapped dip, cutting across the recorded stratigraphy?

Kind regards

Lewis Whiteley
Senior Engineer

Lithos Consulting Ltd

lewis.whiteley@lithos.co.uk

www.lithos.co.uk

Parkhill
Walton Road
Wetherby, LS22 5DZ



M 07951 702 083

DD 01937 543 355



This email and any attachments to it may be confidential and are intended solely for the use of the individual to whom it is addressed. Any views or opinions expressed are solely those of the author and do not necessarily represent those of Lithos Consulting Limited. If you are not the intended recipient of this email, you must neither take any action based upon its contents, nor copy or show it to anyone. Please contact the sender if you believe you have received this email in error. Lithos Consulting Ltd registered in England 07068066.

Making a better future for people and the environment in mining areas. Like us on [Facebook](#) or follow us on [Twitter](#) and [LinkedIn](#).

This message has been scanned by Mailsafe

Lewis Whiteley

From: Reilly, Hilary <Hilary.Reilly@environment-agency.gov.uk>
Sent: 30 January 2024 13:43
To: Lewis Whiteley
Subject: Your Enquiry: RFI/2024/340316
Attachments: Quarry info.docx

Our Ref: RFI/2023/340316

Dear Lewis

RE: Cudworth Parkway, Barnsley 439038, 410335 – Job No 4674
Request for information under the Freedom of Information Act 2000 (FOIA) / Environmental Information Regulations 2004 (EIR)

Thank you for your follow on enquiry which was received on 9th January 2024.

Please find attached the only available information that we hold for the site in question,

We deem this a historic landfill because the site stopped operating prior to the Agency coming into operation in 1995. All land that could be classed as contaminated land under section 2A of the Environmental Protection Act (EPA) 1990 are looked after by the Local authority. (Although it does not mean that the land is or is not contaminated). We do not hold any more information on these historic landfill sites.

Historic Landfill information is available on the Historic Landfill Site database, below is the link to the database.

<https://www.data.gov.uk/dataset/17edf94f-6de3-4034-b66b-004ebd0dd010/historic-landfill-sites>

I hope that we have correctly interpreted your request. Please see the Open Government Licence ([here](#)) for details of permitted use.

We respond to requests for recorded information that we hold under the Freedom of Information Act 2000 (FOIA) and the associated Environmental Information Regulations 2004 (EIR).

If you are not satisfied with our response to your request for information you can contact us within 2 calendar months to ask for our decision to be reviewed.

If you require any further help, please do not hesitate to contact me.

Yours sincerely

Hilary Reilly
Customers and Engagement Team
Environment Agency | Lateral, 8 City Walk, Leeds, LS11 9AT.

hilary.reilly@environment-agency.gov.uk

External: 02084 747695 **Internal:** 27695

Enquiries Team Tel: 020 847 48174 | **Email:** neyorkshire@environment-agency.gov.uk

Working days: Monday to Friday

Description

Quarry off Weetshaw Lane

Details

- Historic Landfill Dataset reference
EAHLD04280
- Site name

Quarry off Weetshaw Lane
- Site address

Cudworth, Barnsley
- Waste Management Licence number

0
- REGIS reference

N/A
- WRC reference

4400/0476
- BGS reference

N/A
- Site reference

4400/B241, WD20 B241
- Licence holder

N/A
- Licence holders address

8 Queens Road, Cudworth, Barnsley
- Site operator name

Schorah-Stothard Company Limited
- Site operators address

N/A

- OS prefix
SE
- Easting
439100
- Northing
410300
- Environment Agency Area name
Ridings NE
- Licence issue date
Jan 16, 1981 12:00 AM
- Licence surrender date
Nov 19, 1984 12:00 AM
- Date of first input
Dec 31, 1947 12:00 AM
- Date of last input
Nov 19, 1984 12:00 AM
- Inert waste deposited
Yes
- Industrial waste deposited
N/A
- Commercial waste deposited
Yes
- Household waste deposited
N/A
- Special waste deposited
N/A
- Liquid sludge deposited

N/A

- Unknown waste deposited

N/A

- Gas control in place

N/A

- Leachate control in place

N/A

- Exempt

N/A

- Licenced

Yes

- No licence required

N/A

- Site depicted as buffered point(s)

N/A

- Waste comments

Builders waste

- Waste comments 2

N/A

- Waste comments 3

N/A

- History comments

N/A

- History comments 2

N/A

- History comments 3

N/A

- Monitoring comments

N/A

- Monitoring comments 2

N/A

- Area (square metres)

10020.1632

- Perimeter (metres)

439.2374

**CLAIRE HANDLEY
LITHOS CONSULTING LTD
PARKHILL
WALTON ROAD
WETHERBY
LS22 5DZ**

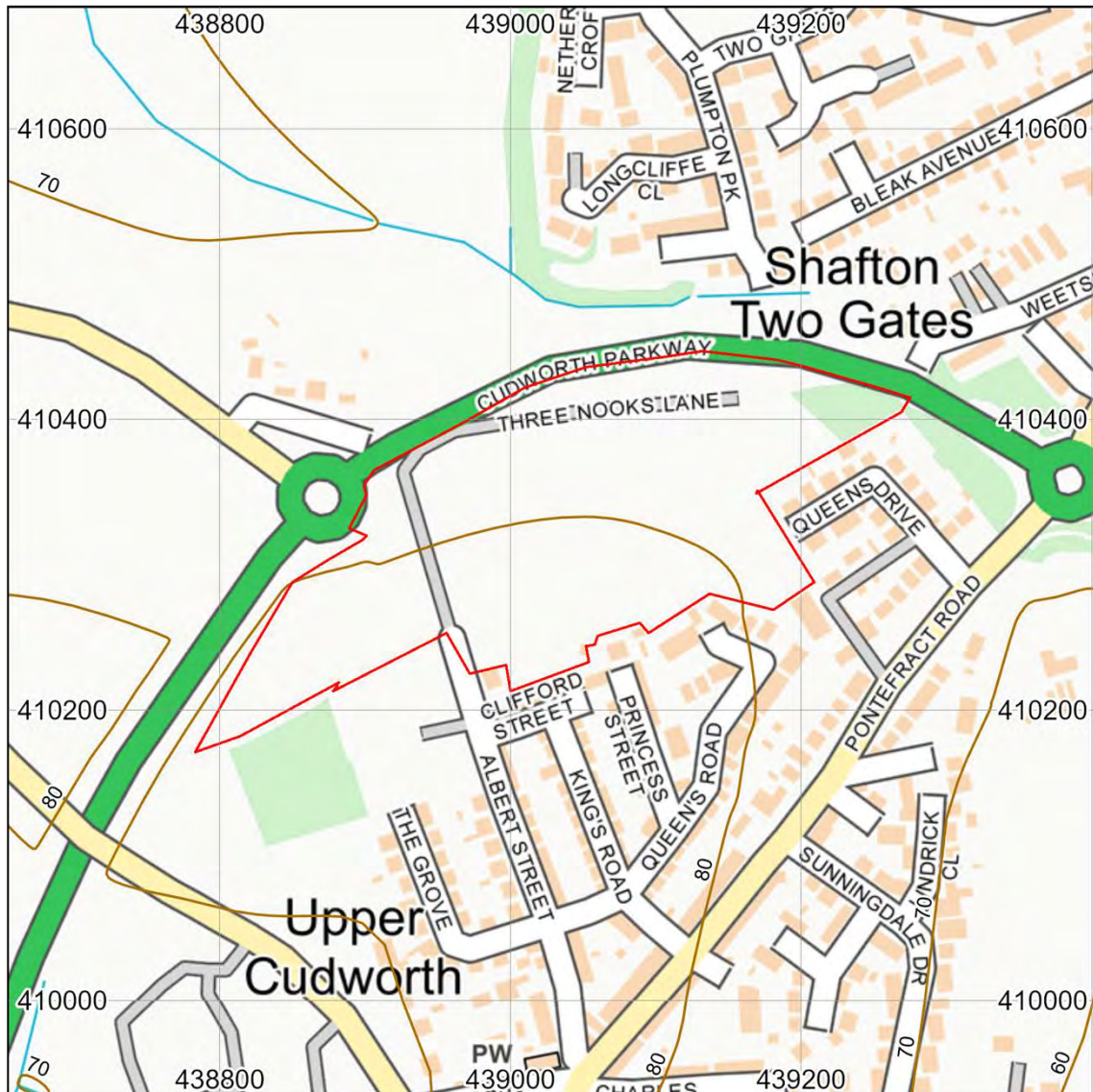
Radon Report

Advisory report on the requirement for radon protective measures in new buildings, conversions and extensions to existing buildings. The report also indicates whether a site is located within a radon Affected Area

Report Id: *BGS_338502/54372*

Client reference: *P022472//CH/4674*

Search location



Contains OS data © Crown Copyright and database right 2024. OS OpenMap Local: Scale: 1:5 000 (1cm = 50 m)

Search location indicated in red

*This report describes a site located at National Grid Reference 439029, 410309.
Note that for sites of irregular shape, this point may lie outside the site boundary.
Where the client has submitted a site plan the assessment will be based on the area given.*

Radon Report: UK

When extensions are made to existing buildings in high radon areas, or new buildings are constructed in these areas, the Building Regulations for England, Wales, Scotland and Northern Ireland require that protective measures are taken against radon entering the building.

This report provides information on whether radon protective measures are required. Depending on the probability of buildings having high radon levels, the Regulations may require either:

1. No protective measures
2. Basic protective measures
3. Full protective measures

This is an advisory report on the requirement for radon protective measures in new buildings, conversions and extensions. The report also indicates whether a site is located within a radon Affected Area

Requirement for radon protective measures

The determination below follows advice in *BR211 Radon: Guidance on protective measures for new buildings (2023 edition)*, which also provides guidance on what to do if the result indicates that protective measures are required.

Is the property in an area where radon protective measures are required for new buildings or extensions to existing ones as described in publication BR211 (2023 edition) Radon: Guidance on protective measures for new buildings?

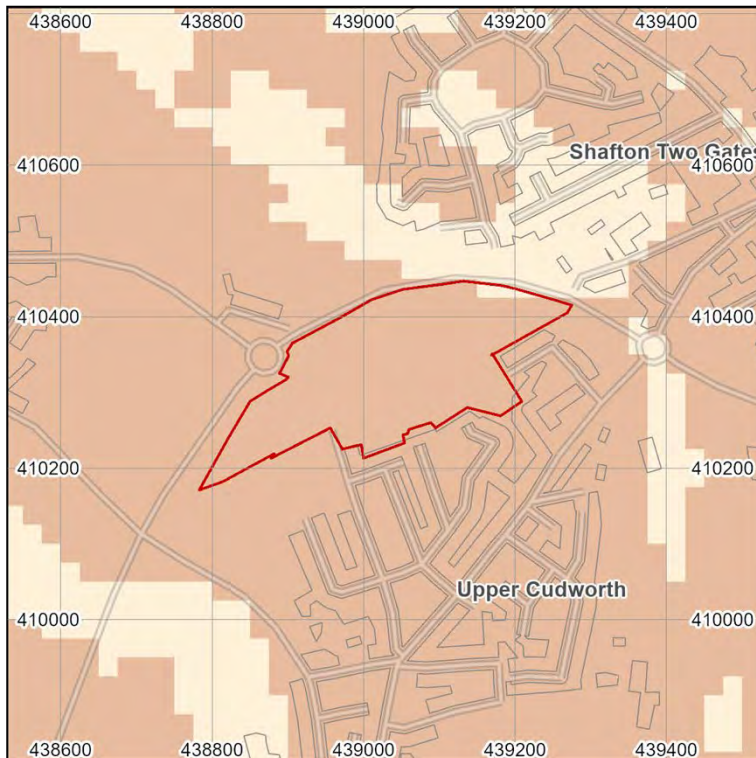
NO RADON PROTECTIVE MEASURES ARE REQUIRED FOR THE REPORT AREA.

More details of the protective measures required are available in *BR211 Radon: Guidance on protective measures for new buildings (2023 Edition)*.

Whether or not the radon level in a building is above or below the radon Action Level can only be established by having the building tested. The UKHSA provides a radon testing service which can be accessed at www.ukradon.org or by telephone (01235 822622).

If you require further information or guidance, you should contact your local authority building control officer or approved inspector.

Radon Affected Area



% Homes estimated to be at or above the action level
0-1%
1-3%
3-5%
5-10%
10-30%
30-100%

Contains OS data © Crown Copyright and database right 2024

Scale: 1:10 000 (1cm = 100 m)

Search area indicated in red

Is the property in a radon Affected Area as defined by the UK Health Security Agency (UKHSA) and if so what percentage of homes are estimated to be at or above the Action Level? YES

Additional Information

THE PROPERTY IS IN A RADON AFFECTED AREAS WHERE 1 TO 3% OF HOMES ARE ESTIMATED TO BE AT OR ABOVE THE ACTION LEVEL.

The UKHSA recommends a radon 'Action Level' of 200 Becquerels per cubic metre of air (Bq m^{-3}) for the annual average of the radon gas concentration in a home. Where 1% or more of homes are estimated to be at or above the Action Level the area should be regarded as a radon Affected Area.

This report informs you whether the property is in a radon Affected Area and the percentage of homes that are estimated to be at or above the radon Action Level at this location. Being in an Affected Area does not necessarily mean there is a high radon level within the property; the only way to determine the radon level is to carry out a radon measurement.

The UKHSA advises that radon gas should be measured in all properties within radon Affected Areas and that homes with radon levels at or above the Action Level (200 Bq m⁻³) should be remediated. Householders with levels between the Target Level (100 Bq m⁻³) and Action Level should seriously consider reducing their radon level, especially if they are at greater risk, such as if they are current or ex smokers. Whether or not a home is in fact above or below the Action Level or Target Level can only be established by having the building tested. The UKHSA provides a validated radon testing service which can be accessed at www.ukradon.org.

The information in this report provides an answer to one of the standard legal enquiries on house purchase in England and Wales, known as Law Society CON29 Enquiries of the Local Authority (2016); 3.14 Radon Gas: Do records indicate that the property is in a “Radon Affected Area” as identified by the UKHSA. The data can also be used to advise house buyers and sellers in Scotland and Northern Ireland.

If you are buying a new build property in a Radon Affected Area, you should ask the builder whether radon protective measures were incorporated in the construction of the property.

If you are buying a currently occupied property in a radon Affected Area, you should ask the present owner whether radon levels have been measured in the property. If they have, ask whether the results were at or above the radon Action Level and if so, whether remedial measures were installed, radon levels were re-tested, and if the results of re-testing confirmed the effectiveness of the measures.

Further information on radon is available from the UKHSA at www.ukradon.org.

What is radon?

Radon is a naturally occurring radioactive gas, which is produced by the radioactive decay of radium which, in turn, is derived from the radioactive decay of uranium. Uranium is found in small quantities in all soils and rocks, although the amount varies from place to place. Radon released from rocks and soils is quickly diluted in the atmosphere. Concentrations in the open air are normally very low and do not present a hazard. Radon that enters enclosed spaces such as some buildings (particularly basements), caves, mines, and tunnels may reach high concentrations in some circumstances. The construction method and degree of ventilation will influence radon levels in individual buildings. A person's exposure to radon will also vary according to how particular buildings and spaces are used.

Inhalation of the radioactive decay products of radon gas increases the chance of developing lung cancer. If individuals are exposed to high concentrations for significant periods of time, there may be cause for concern. In order to limit the risk to individuals, the Government has adopted an Action Level for radon in homes of 200 becquerels per cubic metre (Bq m^{-3}). The Government advises householders that, where the radon level is at or above the Action Level, measures should be taken to reduce the concentration.

Radon in workplaces

The Ionising Radiation Regulations 2017 require employers to take action when radon is present above a defined level in the workplace. Advice may be obtained from your local Health and Safety Executive Area Office or the Environmental Health Department of your local authority. The BRE publishes a guide (BR293): **Radon in the workplace**. BRE publications may be obtained from the BRE Bookshop, Tel: 01923 664262, email: bookshop@bre.co.uk website: www.brebookshop.com

Contact Details

Keyworth Office

British Geological Survey
Environmental Science Centre
Nicker Hill
Keyworth
Nottingham
NG12 5GG
Tel: 0115 9363100
Email: enquiries@bgs.ac.uk

Wallingford Office

British Geological Survey
Maclean Building
Wallingford
Oxford
OX10 8BB
Email: enquiries@bgs.ac.uk

Edinburgh Office

British Geological Survey
Lyell Centre
Research Avenue South
Edinburgh
EH14 4AP
Tel: 0131 6671000
Email: enquiry@bgs.ac.uk

Terms and Conditions

General Terms & Conditions

This Report is supplied in accordance with the GeoReports Terms & Conditions available on the BGS website at <https://shop.bgs.ac.uk/georeports> and also available from the BGS Enquiry Service at the above address.

Important notes about this Report

- The data, information and related records supplied in this Report by BGS can only be indicative and should not be taken as a substitute for specialist interpretations, professional advice and/or detailed site investigations. You must seek professional advice before making technical interpretations on the basis of the materials provided.
- Geological observations and interpretations are made according to the prevailing understanding of the subject at the time. The quality of such observations and interpretations may be affected by the availability of new data, by subsequent advances in knowledge, improved methods of interpretation, and better access to sampling locations.
- Raw data may have been transcribed from analogue to digital format, or may have been acquired by means of automated measuring techniques. Although such processes are subjected to quality control to ensure reliability where possible, some raw data may have been processed without human intervention and may in consequence contain undetected errors.
- Detail, which is clearly defined and accurately depicted on large-scale maps, may be lost when small-scale maps are derived from them.
- Although samples and records are maintained with all reasonable care, there may be some deterioration in the long term.
- The most appropriate techniques for copying original records are used, but there may be some loss of detail and dimensional distortion when such records are copied.
- Data may be compiled from the disparate sources of information at BGS's disposal, including material donated to BGS by third parties, and may not originally have been subject to any verification or other quality control process.
- Data, information and related records, which have been donated to BGS, have been produced for a specific purpose, and that may affect the type and completeness of the data recorded and any interpretation. The nature and purpose of data collection, and the age of the resultant material may render it unsuitable for certain applications/uses. You must verify the suitability of the material for your intended usage.
- If a report or other output is produced for you on the basis of data you have provided to BGS, or your own data input into a BGS system, please do not rely on it as a source of information about other areas or geological features, as the report may omit important details.
- The topography shown on any map extracts is based on the latest OS mapping and is not necessarily the same as that used in the original compilation of the BGS geological map, and to which the geological linework available at that time was fitted.
- Note that for some sites, the latest available records may be historical in nature, and while every effort is made to place the analysis in a modern geological context, it is possible in some cases that the detailed geology at a site may differ from that described.

Copyright:

Copyright in materials derived from the British Geological Survey's work, is owned by UK Research and Innovation (UKRI) and/or the authority that commissioned the work. You may not copy or adapt this publication, or provide it to a third party, without first obtaining UKRI's permission, but if you are a consultant purchasing this report solely for the purpose of providing advice to your own individual client you may incorporate it unaltered into your report to that client without further permission, provided you give a full acknowledgement of the source. Please contact the BGS Copyright Manager, British Geological Survey, Environmental Science Centre, Nicker Hill, Keyworth, Nottingham NG12 5GG. Telephone: 0115 936 3100.

© UKRI 2024 All rights reserved.

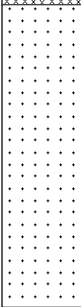
This product includes mapping data licensed from the Ordnance Survey® with the permission of the Controller of Her Majesty's Stationery Office. © Crown Copyright 2024. All rights reserved. Licence number AC0000824781 EUL

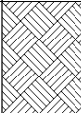
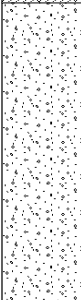
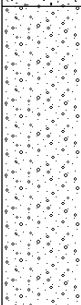
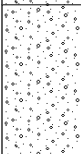


**Report issued by
BGS Enquiry Service**

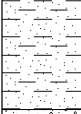
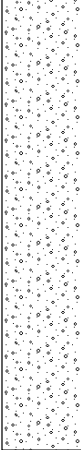
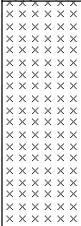
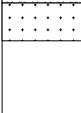
Appendix F

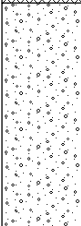
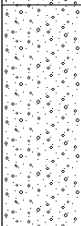
Trial Pit Logs

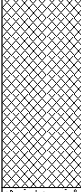
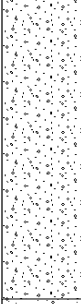
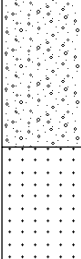
				Trial Pit Log			Trialpit No TP02 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438881.29 - 410243.29 Level: 83.20		Date 25/03/2024	
Location: Barnsley				Dimensions (m): Depth 1.70				Scale 1:20	
Client: Fenwood Estates Limited								Logged LEW	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	J&T		0.25	82.95		Dark brown gravelly clayey fine to medium SAND with occasional rootlets. Gravel is subangular to subrounded fine to coarse of sandstone. (TOPSOIL) <i>From 0.2m to 1.4m, significant overbreak due to cobbles and boulders.</i>		
	0.20	B							
	0.50	J&T		0.90	82.30		MADE GROUND: Brown clayey angular to subrounded COBBLES of sandstone with much angular tabular fine to coarse gravel of sandstone and a low subangular tabular boulder content (up to 1.2 x 0.8 x 0.2m). (REWORKED NATURAL GROUND) Medium strong thinly to medium bedded medium to coarse grained SANDSTONE. Recovered as angular tabular cobbles with much sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK) <i>From 1.4m, sandstone is strong.</i> <i>Unable to excavate beyond 1.7m.</i>		
1.20	T								
			1.70	81.50		End of pit at 1.70 m			
1 2 3 4									
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 were unstable between 0.2m and 1.4m depth during excavation with significant overbreak in the granular strata.									
									

				Trial Pit Log			Trialpit No TP03 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438884.48 - 410266.16 Level: 82.15		Date 25/03/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.40		Scale 1:20	
		Logged LEW							
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.60	D&B		0.30	81.85		Dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is subangular to subrounded fine to coarse of sandstone. (TOPSOIL)		
				1.10	81.05		Brown and orangish brown gravelly silty fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL)		
							Light brown sandy slightly silty angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
	1.70	T		1.90	80.25		Grey sandy clayey subangular tabular fine to medium GRAVEL of siltstone. (GRANULAR RESIDUAL SOIL)		
				At 1.9m, locally firm dark grey sandy clay.					
			2.30	79.85		At 2.3m, locally stiff grey sandy clay.			
			2.40	79.75		Strong light brown thinly bedded medium to coarse grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel with a medium cobble content. (MEXBOROUGH ROCK)			
							Unable to excavate beyond 2.4m. 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.									



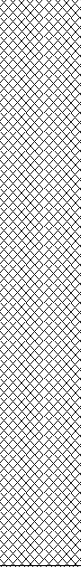
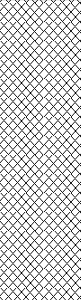
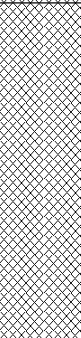
				Trial Pit Log				Trialpit No TP04 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438916.89 - 410276.04 Level: 81.70		Date 25/03/2024		
Location: Barnsley						Dimensions (m): Depth 2.40		Scale 1:20 Logged LEW		
Client: Fenwood Estates Limited										
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.10	J&T	HVP=67	0.20	81.50		Dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is subangular subrounded fine to coarse of sandstone. (TOPSOIL) Firm greyish brown slightly sandy CLAY. (COHESIVE RESIDUAL SOIL) Light brown slightly silty sandy subangular to subrounded fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
	0.40	D		0.50	81.20					
	1.20	T		1.70	80.00					
				2.30	79.40		Extremely weak grey thinly laminated SILTSTONE. Recovered as sandy clayey angular tabular fine to medium gravel. (COAL MEASURES) Strong light brown medium to coarse grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel with a medium cobble content. (MEXBOROUGH ROCK) Unable to excavate beyond 2.4m. End of pit at 2.40 m			
				2.40	79.30					
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.										

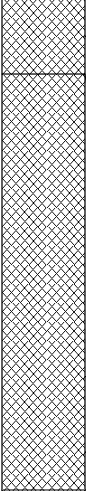
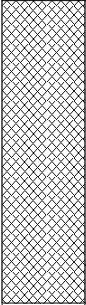
				Trial Pit Log			Trialpit No TP05 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438906.39 - 410306.50 Level: 79.45		Date 25/03/2024	
Location: Barnsley				Dimensions (m): Depth 1.60			Scale 1:20		Logged LEW
Client: Fenwood Estates Limited									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	J&T		0.20	79.25		MADE GROUND: Dark brown sandy gravelly CLAY with occasional rootlets. Gravel is subangular to subrounded fine to coarse of sandstone and brick with rare ceramic, coal, plastic and slate. (MADE GROUND TOPSOIL)		
							Orangish brown gravelly silty fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL)		
	0.70	T		0.80	78.65		Light brown sandy slightly silty angular to subangular tabular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
				1.40	78.05		Strong thinly bedded light brown medium to coarse grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel with a high cobble content. (MEXBOROUGH ROCK)		
				1.60	77.85		Unable to excavate beyond 1.6m. End of pit at 1.60 m		
1 2 3 4									
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.									
									

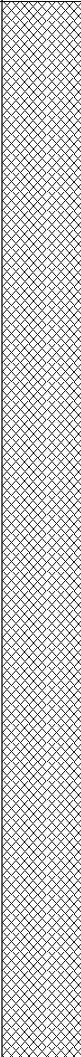
				Trial Pit Log			Trialpit No TP06 Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439033.59 - 410262.75 Level: 84.15		Date 26/03/2024		
Location: Barnsley				Dimensions (m): Depth 2.10			Scale 1:20		Logged LEW	
Client: Fenwood Estates Limited										
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.30	J,K&T		0.50	83.65		MADE GROUND: Dark grey and greyish brown gravelly clayey fine to coarse SAND with a medium cobble and low boulder content. Gravel is angular to subrounded fine to coarse of mixed lithologies including sandstone, brick, concrete, tarmac and clinker with gravel sized fragments of glass, plastic, fabric, metal and ceramic. Cobbles of brick, sandstone and tarmac. Boulders of sandstone up to 0.5m across. (GRANULAR MADE GROUND)			1
	0.90	T		1.30	82.85		Yellowish brown and orangish brown gravelly silty fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL)			
				1.70	82.45		Yellowish brown sandy angular to subangular tabular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
				2.10	82.05		Medium strong light brown thinly bedded medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)			
							Difficult to excavate beyond 2.1m.			
End of pit at 2.10 m										2
										3
										4
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.										

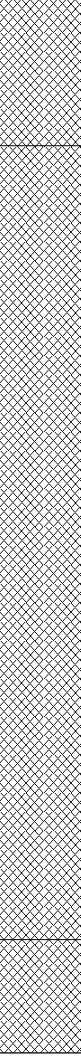
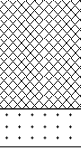
				Trial Pit Log			Trialpit No TP07 Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439071.46 - 410279.90 Level: 82.35		Date 26/03/2024		
Location: Barnsley				Dimensions (m): Depth 2.60				Scale 1:20		
Client: Fenwood Estates Limited								Logged LEW		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.40	J,K&T					MADE GROUND: Brownish grey sandy clayey angular to subrounded fine to coarse GRAVEL of mixed lithologies including sandstone, brick and tarmac with rare coal. Medium cobble content of sandstone and brick. Low boulder content of sandstone up to 0.5m across. (GRANULAR MADE GROUND)			
	1.00	J,K&T								
1.60	D&B		MADE GROUND: Light brown slightly silty sandy subangular to subrounded fine to coarse GRAVEL of predominantly sandstone with rare brick. Medium cobble content of sandstone. (QUARRY WASTE)							
								Continuous spalling and partial collapse of walls during excavation.		1
								At 2.6m, pit abandoned.		2
								End of pit at 2.60 m		3
										4
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 were unstable during excavation with continuous spalling and partial collapse of walls.										



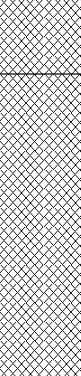
				Trial Pit Log			Trialpit No TP08 Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439082.06 - 410307.73 Level: 80.25		Date 26/03/2024		
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 3.30		Scale 1:20		
						Logged LEW				
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.50	J,K&T		1.50	78.75		MADE GROUND: Brownish grey and light brown sandy clayey angular to subrounded fine to coarse GRAVEL of mixed lithologies including sandstone, concrete, tarmac, clinker and brick. Medium cobble content of sandstone, concrete, brick and tarmac. Low boulder content of sandstone. (GRANULAR MADE GROUND) <i>At 0.3m, plastic sheet.</i>			1
	0.90	D&B					Slight spalling of trial pit walls.			
	1.80	J,K&T		2.30	77.95		MADE GROUND: Dark grey slightly sandy gravelly CLAY with a low cobble content. Gravel is subangular to subrounded fine to coarse of predominantly mudstone, rare sandstone, brick, tarmac and wood. Cobbles are subrounded of sandstone. (COHESIVE MADE GROUND) <i>From 1.0m, slight tar odour (PID = 0.0 ppm). At 1.8m, concrete boulder (0.7m x 0.5m x 0.1m).</i>			2
	2.00	D								
	2.80	T		3.20	77.05		MADE GROUND: Orangish brown and light brown sandy silty subangular to subrounded fine to coarse GRAVEL of sandstone. Medium cobble content of sandstone. (QUARRY WASTE)			3
							Unable to excavate beyond 3.3m.			
			3.30				76.95		Strong light brown thinly bedded medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel with a low cobble content. (MEXBOROUGH ROCK) <i>End of pit at 3.30 m</i>	
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. Slight spalling of the sides of the trial pit at 1.5m depth during excavation.										

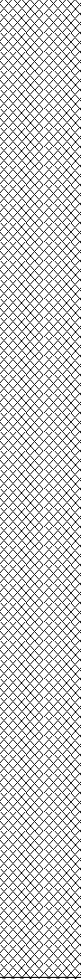
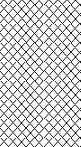
				Trial Pit Log			Trialpit No TP09 Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439114.39 - 410311.23 Level: 79.35		Date 26/03/2024		
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 3.30		Scale 1:20		
						Logged LEW				
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.10	J,K&T		0.20	79.15		MADE GROUND: Brown fine to coarse SAND of ash and angular to subrounded fine to coarse GRAVEL of predominantly clinker with occasional glass, ceramic and sandstone. (ASH & CLINKER) <i>Significant spalling from ground level.</i>			1
	0.70	D&B					MADE GROUND: Grey and brown sandy clayey angular to subrounded fine to coarse GRAVEL of mixed lithologies including sandstone, brick, concrete with rare ceramic, wood, plastic and cloth. Low cobble content of brick, sandstone and coal. (GRANULAR MADE GROUND) <i>At 1.7m, occasional fragments of cement sheet.</i> <i>Between 0.2m and 1.3m, locally gravelly clay.</i>			
	1.50	J,K&T		1.30	78.05		MADE GROUND: Brownish grey clayey sandy angular to subrounded fine to coarse GRAVEL of mixed lithologies including sandstone, brick, concrete, plastic and metal. Medium cobble content of concrete, brick, sandstone and metal. Low boulder content of concrete. (GRANULAR MADE GROUND)			
	1.70	T					<i>Between 2.1m and 2.5m in south of pit, bed of purplish red clayey sand.</i>			
	2.70	D		2.50	76.85		MADE GROUND: Orangish brown and light brown very sandy CLAY. (COHESIVE MADE GROUND)			
				3.30	76.05		MADE GROUND: Orangish brown and light brown very sandy CLAY. (COHESIVE MADE GROUND) <i>Refusal at 3.3m (likely bedrock but no material recovered).</i> End of pit at 3.30 m			3 4
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. Significant spalling of the sides of the trial pit from ground level during excavation.										

				Trial Pit Log			Trialpit No TP11 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439125.25 - 410348.84 Level: 77.20		Date 26/03/2024	
Location: Barnsley				Dimensions (m): Depth 2.90			Scale 1:20		
Client: Fenwood Estates Limited							Logged LEW		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.30	J,K&T					MADE GROUND: Dark greyish brown sandy clayey angular to subrounded fine to coarse GRAVEL of mixed lithologies including mudstone, sandstone, brick and tarmac with occasional plastic, wood, metal and rubber. Medium cobble content of sandstone, concrete kerb stones (0.9m x 0.2m x 0.1m) and brick. Low boulder content of concrete. (GRANULAR MADE GROUND) <i>Significant spalling and collapse from surface.</i>		
	1.00	D&B					<i>From 1.2m, a high cobble content.</i>		
	2.20	J,K&T							
					2.80	74.40		Strong yellowish brown fine to medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK) <i>Unable to excavate beyond 2.9m.</i>	
				2.90	74.30		<i>End of pit at 2.90 m</i>		
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. Significant spalling and collapse of the sides of the trial pit from surface during excavation.									

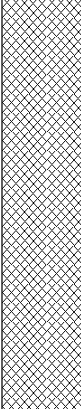
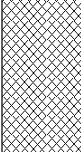
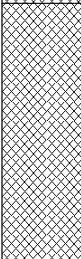
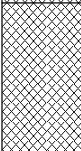
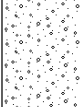
				Trial Pit Log			Trialpit No TP12 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439089.75 - 410337.12 Level: 78.60		Date 26/03/2024	
Location: Barnsley				Dimensions (m): Depth 2.90			Scale 1:20		
Client: Fenwood Estates Limited							Logged LEW		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.40	78.20		MADE GROUND: Greyish brown sandy gravelly CLAY with a low cobble content. Gravel is subangular to subrounded fine to coarse of mixed lithologies including sandstone, brick, slate, coal and clinker. Cobbles are of brick and sandstone. (COHESIVE MADE GROUND)		
	0.50	J,K&T					MADE GROUND: Dark grey sandy clayey angular to subangular fine to coarse GRAVEL of predominantly clinker with occasional sandstone, glass, ceramic and brick. Low cobble content of sandstone. (ASH & CLINKER)		
	0.80	D&B					<u>Slight spalling from 1.1m.</u>		
							<u>Between 0.4m and 2.5m, occasional cobble sized blocks of grey clay.</u>		
	1.70	J,K&T							
	2.60	D			2.50	76.10		MADE GROUND: Dark grey sandy CLAY with frequent rootlets. (COHESIVE MADE GROUND)	
				2.80	75.80	<u>At 2.7m, groundwater inflow.</u>			
				2.90	75.70	Strong yellowish brown medium grained SANDSTONE. Recovered a sandy subangular tabular fine to coarse gravel. (MEXBOROUGH ROCK)			
							<u>Unable to excavate beyond 2.9m.</u> End of pit at 2.90 m		
Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was encountered at 2.7m depth during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.									
Stability: 1. Slight spalling of the sides of the trial walls from 1.5m depth during excavation.									



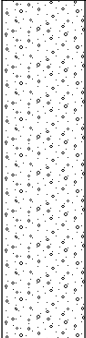
				Trial Pit Log				Trialpit No TP13 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439091.13 - 410367.87 Level: 76.80		Date 26/03/2024		
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.50		Scale 1:20		
		Logged LEW								
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.30	J,K&T		0.20	76.60		MADE GROUND: Dark brown clayey gravelly fine to coarse SAND with frequent roots and rootlets. Gravel is subangular to subrounded fine to coarse of mixed lithologies including sandstone, brick, concrete and glass. Low cobble content of sandstone. (MADE GROUND TOPSOIL) MADE GROUND: Dark grey sandy clayey angular to subrounded fine to coarse GRAVEL of mixed lithologies including sandstone, clinker, brick, coal, glass and plastic. Low cobble content of sandstone and concrete. (GRANULAR MADE GROUND) <i>At 0.5m, concrete railway sleeper (2.3m x 0.25m x 0.1m).</i>			1
	0.90	D&B		1.00	75.80		MADE GROUND: Multicoloured very gravelly CLAY with a medium cobble and boulder content of concrete. Gravel is angular to subrounded fine to coarse of sandstone, concrete, brick, metal, plastic and wood. (COHESIVE MADE GROUND) <i>From 1.0m, significant overbreak due to cobbles and boulders.</i> <i>Between 1.0m and 2.0m, fibrous material noted within matrix.</i>			
	1.50	J,K&T		2.00	74.80		MADE GROUND: Dark grey clayey sandy angular to subangular fine to coarse GRAVEL of mixed lithologies including sandstone, clinker, glass, metal and brick. (GRANULAR MADE GROUND)			
	2.20	D		2.30	74.50		Medium strong light brown thinly bedded medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel with a medium cobble content. (MEXBOROUGH ROCK) <i>Unable to excavate beyond 2.5m.</i> <i>End of pit at 2.50 m</i>			2
				2.50	74.30					
										4
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 were unstable between from 1.0m depth during excavation with significant overbreak in the granular strata.										

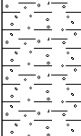
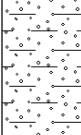
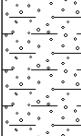
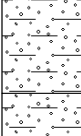
				Trial Pit Log			Trialpit No TP14 Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439101.67 - 410283.59 Level: 80.65		Date 26/03/2024
Location: Barnsley				Dimensions (m): Depth 3.40			Scale 1:20	
Client: Fenwood Estates Limited							Logged LEW	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	J,K&T					MADE GROUND: Greyish brown sandy clayey angular to subangular fine to coarse GRAVEL of mixed lithologies including brick, sandstone, concrete, ceramic, clinker and coal with rare tarmac, plastic and cement sheet. High cobble content of sandstone, brick and concrete. Low boulder content of sandstone and concrete. (GRANULAR MADE GROUND)	1
	0.60	D					From 0.8m, significant spalling and continuous collapse. At 0.8m, 10cm thick bed of black sand.	
	1.90	J,K&T						
	2.60			78.05		MADE GROUND: Brown clayey gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of predominantly sandstone with rare brick. (QUARRY WASTE)	3	
	3.00			77.65		Yellowish brown sandy clayey angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL) At 3.3m, groundwater inflow. Complete collapse at 3.4m.		
	3.40			77.25			End of pit at 3.40 m	4
Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was encountered at 3.3m depth during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.								
Stability: 1. Continuous spalling and continuous collapse of the sides of the trial pit from 0.8m depth during excavation with complete collapse at 3.4m.								

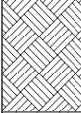
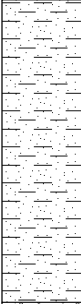
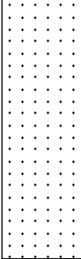


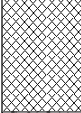
				Trial Pit Log				Trialpit No TP15 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439144.36 - 410294.35 Level: 79.70		Date 26/03/2024		
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 3.10		Scale 1:20		
						Logged LEW				
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.60	J,K&T					MADE GROUND: Greyish brown gravelly clayey fine to coarse SAND with a medium cobble content. Gravel is angular to subrounded fine to coarse of mixed lithologies including sandstone, brick, clinker, metal, plastic, wire and glass. Cobbles of sandstone and brick. (GRANULAR MADE GROUND)			1
	1.30	D&B		1.10	78.60		MADE GROUND: Yellowish brown sandy clayey subangular fine to coarse GRAVEL of predominantly sandstone with rare brick. Low cobble content of brick and sandstone. (QUARRY WASTE) <u>Slight spalling from 1.2m.</u> <u>Between 1.1m and 1.6m, locally very sandy clay.</u>			
				1.60	78.10		MADE GROUND: Brown clayey sandy angular to subrounded fine to coarse GRAVEL of mixed lithologies including brick, sandstone, concrete, rare glass and metal. Medium cobble content of brick and sandstone. (GRANULAR MADE GROUND)			2
	2.40	J,K&T		2.30	77.40		MADE GROUND: Dark grey and brown sandy CLAY with occasional fragments of rotting wood. (COHESIVE MADE GROUND)			
				2.70	77.00		Yellowish brown sandy slightly silty subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL) <u>At 3.1m, groundwater inflow.</u>			3
				3.00	76.70		Strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)			
				3.10	76.60		<u>Unable to excavate beyond 3.1m.</u> End of pit at 3.10 m			
Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was encountered at 3.1m depth during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.										
Stability: 1. Slight spalling of the sides of the trial walls from 1.2m depth during excavation.										

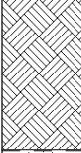
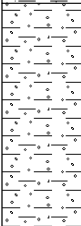
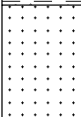


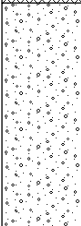
				Trial Pit Log				Trialpit No TP16 Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438836.84 - 410222.12 Level: 82.90		Date 27/03/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 1.80		Scale 1:20	
		Logged LEW							
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	J&T		0.20	82.70		Dark brown gravelly clayey fine to coarse SAND with occasional rootlets. Gravel is subangular to subrounded fine to coarse of sandstone. (TOPSOIL) Yellowish brown sandy silty subangular to subrounded fine to coarse GRAVEL of sandstone. Medium cobble content of sandstone. (GRANULAR RESIDUAL SOIL) Light brown sandy slightly silty subangular to subrounded fine to coarse GRAVEL of sandstone. Low subangular cobble content of sandstone. (GRANULAR RESIDUAL SOIL) <i>From 0.6m, slight overbreak.</i> Strong light brown thinly bedded medium grained SANDSTONE. Recovered as angular tabular cobbles with much sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK) <i>Unable to excavate beyond 1.8m.</i> End of pit at 1.80 m		
	1.00	D&B		0.60	82.30				
				1.50	81.40				
				1.80	81.10				
	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 were unstable at 0.6m depth during excavation with some overbreak in the granular strata.								

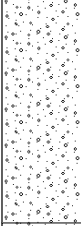
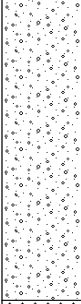
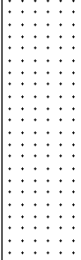
				Trial Pit Log				Trialpit No TP17 Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438920.59 - 410253.08 Level: 83.00		Date 27/03/2024	
Location: Barnsley				Dimensions (m): Depth 2.50				Scale 1:20 Logged LEW	
Client: Fenwood Estates Limited									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	J&T	HVP=105	0.20	82.80		Dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is subangular to subrounded fine to medium of sandstone. (TOPSOIL) Stiff light brown slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL) Light brown and brown sandy very clayey subangular to subrounded fine to coarse GRAVEL of siltstone. (GRANULAR RESIDUAL SOIL) Between 0.6m and 1.6m, locally very gravelly clay.		
	0.50	D		0.60	82.40				
	1.30	D&B		1.60	81.40				
				2.00	81.00		Extremely weak brown thinly laminated SILTSTONE. Recovered as sandy slightly clayey angular tabular fine to coarse gravel. (COAL MEASURES) End of pit at 2.50 m		
				2.50	80.50				
									2
									3
									4
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.									

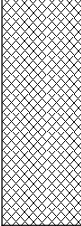
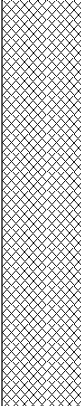
				Trial Pit Log				Trialpit No TP18 Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438870.45 - 410286.99 Level: 80.60		Date 27/03/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.50		Scale 1:20	
						Logged LEW			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	J&T		0.30	80.30		Dark brown gravelly clayey fine to medium SAND with occasional rootlets. Gravel is subangular to subrounded fine to coarse of sandstone. (TOPSOIL)		
	0.70	D		1.10	79.50		Firm brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL)		
							Light brown sandy silty subangular to subrounded fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL) <i>From 1.1m to 1.8m, slight spalling.</i>		
							Medium strong light brown thinly bedded medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel with a medium cobble content. (MEXBOROUGH ROCK)		
	1.40	D&B		1.80	78.80		End of pit at 2.50 m		
2.50		78.10							
									1
									2
									3
									4
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. Slight spalling of the sides of the trial walls from 1.1m to 1.8m depth during excavation.									

				Trial Pit Log				Trialpit No TP19 Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438909.81 - 410331.39 Level: 78.00		Date 27/03/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.40		Scale 1:20	
		Logged LEW							
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	J&T		0.30	77.70		MADE GROUND: Dark brown sandy gravelly CLAY with occasional rootlets. Gravel is angular to subrounded fine to coarse of predominantly sandstone with frequent brick and rare glass and ceramic. (MADE GROUND TOPSOIL)		
	0.20	B							
	0.80	T							
	1.80	T							
	2.20								
			2.40	75.60		Strong light brown thinly bedded medium to coarse grained SANDSTONE. Recovered as angular tabular cobbles with much sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)			
							Unable to excavate beyond 2.4m. End of pit at 2.40 m		
1 2 3 4									
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. Slight spalling of the sides of the trial walls from 1.6m depth during excavation.									
									

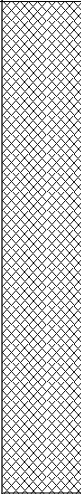
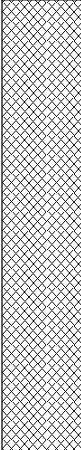
				Trial Pit Log				Trialpit No TP20 Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438846.19 - 410252.30 Level: 82.00		Date 27/03/2024			
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.00		Scale 1:20			
		Logged LEW									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description				
	Depth	Type	Results								
	0.80	D&B	HVP=52	0.40	81.60		Dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is subangular to subrounded fine to coarse of sandstone. (TOPSOIL)			1	
					Firm brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL)						
					Locally very clayey sand.						
		1.40		D	1.10	80.90		Stiff light brown sandy gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL)			
					1.70	80.30		Strong light brown thinly bedded medium to coarse grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel with a medium cobble content. (MEXBOROUGH ROCK)			
			2.00	80.00		Unable to excavate beyond 2.0m. End of pit at 2.00 m			2		
										3	
										4	
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.											

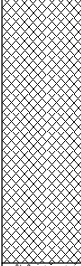
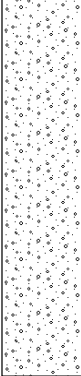
				Trial Pit Log			Trialpit No TP21 Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439185.41 - 410289.15 Level: 78.30		Date 27/03/2024		
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 1.90		Scale 1:20		
						Logged LEW				
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.10	J&T		0.20	78.10		MADE GROUND: Dark brown slightly gravelly sandy CLAY with a low cobble content and frequent rootlets. Gravel is subangular to subrounded fine to coarse of mixed lithologies including sandstone, brick, ceramic and plastic. Cobbles of brick. (MADE GROUND TOPSOIL) Yellowish brown sandy clayey angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
	0.60	T		0.80	77.50					
							Light brown and brown sandy slightly silty subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL) <i>From 1.3m, a low cobble content.</i>			
						1.70	76.60		Strong light brown thinly bedded medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel with a medium cobble content. (MEXBOROUGH ROCK) <i>At 1.8m, groundwater inflow.</i> End of pit at 1.90 m	
				1.90	76.40					
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.										

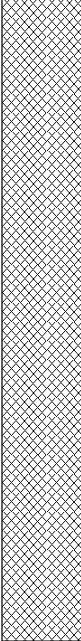
				Trial Pit Log			Trialpit No TP23 Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439161.67 - 410337.77 Level: 77.80		Date 27/03/2024		
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.30		Scale 1:20		
						Logged LEW				
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.10	J&T		0.20	77.60		Dark brown gravelly clayey fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to coarse of sandstone. (TOPSOIL)			1
	1.00	T		0.80	77.00		Brown sandy clayey subangular to subrounded fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
				1.60	76.20		Light brown sandy slightly clayey angular to subangular tabular fine to coarse GRAVEL of sandstone with a low cobble content. (GRANULAR RESIDUAL SOIL)			
							Medium strong light brown thinly bedded medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel with a high cobble content. (MEXBOROUGH ROCK)			
	2.30	75.50			Unable to excavate beyond 2.3m.					
End of pit at 2.30 m										2
										3
										4
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.										

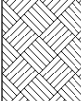
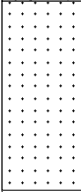
				Trial Pit Log			Trialpit No TP24 Sheet 1 of 1					
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439097.82 - 410302.66 Level: 80.05		Date 27/03/2024				
Location: Barnsley				Dimensions (m): Depth 2.90			Scale 1:20					
Client: Fenwood Estates Limited							Logged LEW					
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description					
	Depth	Type	Results									
	0.40	J,K&T		0.60	79.45		MADE GROUND: Dark grey slightly sandy gravelly CLAY with a high cobble content. Gravel is angular to subrounded fine to coarse of mixed lithologies including mudstone, brick, concrete, coal, clinker and slate with rare metal, ceramic and fabric. (COHESIVE MADE GROUND)	1				
	0.90	D&B					MADE GROUND: Brown sandy very clayey angular to subrounded fine to coarse GRAVEL of predominantly sandstone with occasional brick, concrete, slate, glass and rare wood. Medium cobble content of brick and sandstone. (QUARRY WASTE) <i>From 0.6m, slight spalling and overbreak.</i>					
	2.00	J,K&T		1.60	78.45		MADE GROUND: Greyish brown sandy clayey angular to subangular fine to coarse GRAVEL of mixed lithologies including sandstone, brick, concrete, metal, coal and ceramic with rare glass and wood. High cobble content of brick, sandstone and concrete. Low boulder content of sandstone. (GRANULAR MADE GROUND)	2				
							2.70		77.35		Strong light brown thinly bedded medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK) <i>Unable to excavate beyond 2.9m.</i>	3
							2.90		77.15		End of pit at 2.90 m	
4												
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. Slight spalling and overbreak from 0.6m depth during excavation.												

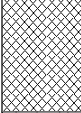
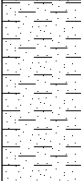
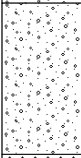


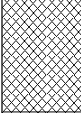
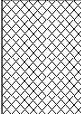
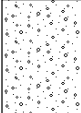
				Trial Pit Log			Trialpit No TP25 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439101.54 - 410350.74 Level: 77.70		Date 27/03/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.60		Scale 1:20	
						Logged LEW			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	1.20	D&B		1.30	76.40		MADE GROUND: Greyish brown sandy gravelly CLAY. Gravel is subangular to rounded fine to coarse of mixed lithologies including sandstone, brick and concrete with rare ceramic and plastic. (COHESIVE MADE GROUND)		
							At 0.6m, concrete kerb stone (0.7m x 0.25m x 0.1m).		
							MADE GROUND: Dark grey and light brown slightly sandy gravelly CLAY. Gravel is subangular to subrounded fine to coarse of predominantly mudstone and sandstone with occasional brick, plastic, coal and clinker. Medium cobble and low boulder content of sandstone. (COHESIVE MADE GROUND)		
								2.50	75.20
2.60	75.10	Unable to excavate beyond 2.6m. 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.									

				Trial Pit Log			Trialpit No TP26 Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439082.72 - 410374.86 Level: 76.35		Date 27/03/2024		
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.00		Scale 1:20 Logged LEW		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.50	J,K&T		0.70	75.65		MADE GROUND: Dark grey and brown sandy clayey angular to subangular fine to coarse GRAVEL of mixed lithologies including sandstone, coal, clinker, brick with rare glass and tarmac. Medium cobble content of sandstone and brick. 4 x concrete kerb stones (0.9m x 0.3m x 0.15m). (GRANULAR MADE GROUND) <u>Spalling in made ground.</u>			1
	1.00	T					Light brown sandy slightly silty angular to subangular tabular fine to coarse GRAVEL of sandstone with a medium cobble content. (GRANULAR RESIDUAL SOIL)			
				1.70	74.65		Medium strong light brown thinly bedded medium grained sandstone. Recovered as sandy angular tabular fine to coarse gravel with a medium cobble content. (MEXBOROUGH ROCK) <u>Unable to excavate beyond 2.0m.</u>			
				2.00	74.35		<u>End of pit at 2.00 m</u>			2
										3
										4
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 TP27 Sheet 1 of 2			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439054.34 - 410303.00 Level: 81.10		Date 27/03/2024		
Location: Barnsley				Dimensions (m): Depth 3.90			Scale 1:20		Logged LEW	
Client: Fenwood Estates Limited										
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.90	J,K&T		1.70	79.40		MADE GROUND: Brownish grey sandy clayey angular to subrounded fine to coarse GRAVEL of mixed lithologies including sandstone, brick, tarmac and concrete with rare slate, glass, metal and paper. Medium cobble content of brick, sandstone and concrete. (GRANULAR MADE GROUND)			1
	2.20	J,K&T					MADE GROUND: Grey sandy clayey angular to subrounded fine to coarse GRAVEL of mixed lithologies including clinker, sandstone, concrete, brick and tarmac with rare metal and coal. High cobble content of sandstone, brick and concrete. High boulder content of concrete kerb (0.9m x 0.3m x 0.15m). (GRANULAR MADE GROUND) <i>From 1.7m, significant overbreak leading to collapse from 0.5m.</i>			2
										3
					3.80	77.30		Strong orangish brown medium to coarse grained SANDSTONE. Recovered as angular tabular fine to coarse gravel.		
				3.90	77.20					
Continued on next sheet										
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 were unstable between 1.7m and 3.8m depth during excavation with complete collapse from 0.5m.										

				Trial Pit Log			Trialpit No TP28 Sheet 1 of 1				
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438960.04 - 410335.90 Level: 78.95		Date 27/03/2024			
Location: Barnsley				Dimensions (m): Depth 2.20			Scale 1:20		Logged LEW		
Client: Fenwood Estates Limited											
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description				
	Depth	Type	Results								
	0.10	J&T		0.30	78.65		Dark brown slightly gravelly clayey fine to medium SAND with occasional rootlets. Gravel is subangular to subrounded fine to coarse of sandstone. (TOPSOIL)			1	
	0.20	B					Light brown sandy clayey subangular to subrounded fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)				
	1.10	T		1.70	77.25		Medium strong light brown thinly bedded medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel with a medium cobble content. (MEXBOROUGH ROCK)				2
							Difficult to excavate beyond 2.2m.				
			2.20	76.75		End of pit at 2.20 m			3		
										4	
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.											

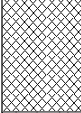
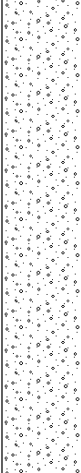
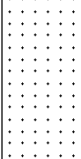
				Trial Pit Log			Trialpit No TP29 Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438989.24 - 410257.02 Level: 83.85		Date 28/03/2024		
Location: Barnsley				Dimensions (m): Depth 1.80			Scale 1:20		Logged LEW	
Client: Fenwood Estates Limited										
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.10	J&T		0.30	83.55		MADE GROUND: Dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is angular to subrounded fine to coarse of predominantly sandstone with occasional glass, ceramic and coal. (MADE GROUND TOPSOIL)			1
							Firm brown sandy CLAY. (COHESIVE RESIDUAL SOIL)			
				0.80	83.05		Firm light brown sandy gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL)			
	1.00	D&B					Locally very clayey sandy gravel.			
				1.20	82.65		Light brown clayey sandy angular to subangular tabular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
	1.50	T		1.60	82.25		Strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)			
			1.80	82.05		Unable to excavate beyond 1.8m. End of pit at 1.80 m			2	
										3
										4
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 TP30 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439026.66 - 410295.12 Level: 82.15		Date 28/03/2024	
Location: Barnsley				Dimensions (m): Depth 2.00			Scale 1:20		Logged LEW
Client: Fenwood Estates Limited									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.60	J,K&T		0.30	81.85		MADE GROUND: Greyish brown sandy gravelly CLAY with frequent rootlets and a low cobble content. Gravel is angular to subrounded fine to coarse of mixed lithologies including sandstone, brick, concrete, glass and ceramic. Cobble of brick and concrete. (COHESIVE MADE GROUND)		
							MADE GROUND: Black sandy subangular to subrounded fine to coarse GRAVEL of predominantly tarmac with rare sandstone and brick. High cobble content of tarmac. (GRANULAR MADE GROUND)		
							<i>Between 0.3m and 1.4m, significant overbreak due to cobbles.</i>		
				1.40	80.75		Yellowish brown sandy subangular to subrounded fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
				1.80	80.35		Medium strong yellowish brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel with medium cobble content. (MEXBOROUGH ROCK)		
			2.00	80.15		<i>Difficult to excavate beyond 2.0m.</i> 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. Significant overbreak between 0.3m and 1.4m depth during excavation.									

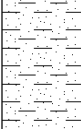
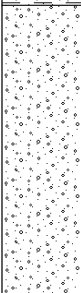
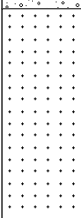


				Trial Pit Log				Trialpit No TP31 Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439008.05 - 410288.35 Level: 82.60		Date 28/03/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.90		Scale 1:20	
		Logged LEW							
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	J&T					MADE GROUND: Dark brown gravelly clayey fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to coarse of predominantly sandstone with rare glass. (MADE GROUND TOPSOIL) MADE GROUND: Brown clayey sandy subangular to subrounded fine to coarse GRAVEL of sandstone with high cobble and medium boulder content of sandstone (up to 1.2m across). (REWORKED NATURAL GROUND) <i>Significant overbreak in made ground.</i>		
	0.90	J&T							
	1.20						Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone with low cobble content. (GRANULAR RESIDUAL SOIL)		
2.20			Firm brown and dark grey slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to medium of sandstone. (COHESIVE RESIDUAL SOIL)						
2.50	D		2.90	79.70	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. Significant overbreak between 0.2m and 1.2m depth during excavation.									

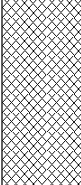


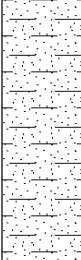
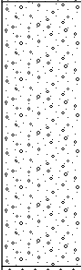
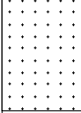
				Trial Pit Log			Trialpit No TP32 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438956.92 - 410305.49 Level: 80.85		Date 28/03/2024	
Location: Barnsley				Dimensions (m): Depth 2.50				Scale 1:20 Logged LEW	
Client: Fenwood Estates Limited									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	J&T		0.30	80.55		MADE GROUND: Dark brown gravelly clayey fine to coarse SAND with occasional rootlets. Gravel is angular to subrounded fine to coarse of predominantly sandstone with occasional coal, glass and ceramic. (MADE GROUND TOPSOIL)		
	0.20	B					Firm brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL)		
	1.20	D&B		0.70	80.15		Light brown sandy silty subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
2.20	T	2.00	78.85		Medium strong light brown thinly bedded medium grained SANDSTONE with closely spaced thin laminations of dark brown siltstone. Recovered as sandy angular tabular fine to coarse gravel with low cobble content. (MEXBOROUGH ROCK)				
					Difficult to excavate beyond 2.5m.				
			2.50	78.35	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.									



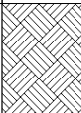
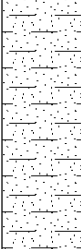
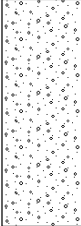
				Trial Pit Log			Trialpit No TP33 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438987.28 - 410350.48 Level: 78.05		Date 28/03/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.00		Scale 1:20	
		Logged LEW							
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.50	D		0.20	77.85		Dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is subangular to subrounded fine to medium of sandstone. (TOPSOIL)		
				0.60	77.45		Firm brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to medium of sandstone. (COHESIVE RESIDUAL SOIL)		
				0.90	T		Light brown sandy clayey subangular to subrounded fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
From 1.1m, low cobble content.									
1.40			1.40	76.65		Medium strong light brown thinly bedded medium grained SANDSTONE. Recovered as angular tabular cobbles with much sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)			
			2.00	76.05	Unable to excavate beyond 2.0m.				
								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.									

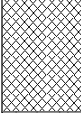
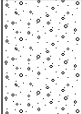
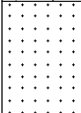


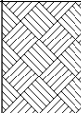
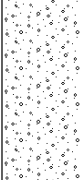
				Trial Pit Log				Trialpit No TP34 Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438994.92 - 410381.57 Level: 76.10		Date 28/03/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.30		Scale 1:20	
						Logged LEW			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.20	J,K&T		0.50	75.60		MADE GROUND: Dark grey slightly sandy gravelly CLAY with high cobble content. Gravel is angular to subrounded fine to coarse of mixed lithologies including sandstone, brick, glass, ceramic, slate, coal and rare cement sheet. Cobbles of brick and sandstone. (COHESIVE MADE GROUND) <i>Slight overbreak in made ground.</i> Firm brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL) <i>In east of trial pit, relict brick wall (possible footing) extends to 0.7m depth.</i> Light brown sandy slightly clayey subangular tabular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL) Medium strong light brown thinly bedded medium grained SANDSTONE. Recovered as angular tabular cobble with much sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK) <i>Difficult to excavate beyond 2.3m.</i> End of pit at 2.30 m		
	0.30	T							
	0.70	D&B							
	1.60								
	2.30								
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. Slight overbreak between 0.0m and 0.5m depth during excavation.									

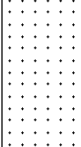
				Trial Pit Log			Trialpit No TP35 Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438946.60 - 410361.36 Level: 76.70		Date 28/03/2024		
Location: Barnsley				Dimensions (m): Depth 1.90			Scale 1:20		Logged LEW	
Client: Fenwood Estates Limited										
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.10	J&T		0.20	76.50		MADE GROUND: Dark brown gravelly clayey fine to medium SAND with occasional rootlets. Gravel is angular to subrounded fine to coarse of predominantly sandstone with occasional coal and ceramic and rare glass. (MADE GROUND TOPSOIL) Orangish brown gravelly clayey fine to medium SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL)			
										
				0.90	75.80			Light brown sandy slightly clayey angular to subangular tabular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
										
	1.30	T		1.60	75.10			Strong light brown thinly bedded medium grained SANDSTONE. Recovered as angular tabular cobble with much sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK) <u>Unable to excavate beyond 1.9m</u> End of pit at 1.90 m		
			1.90	74.80						
1										
2										
3										
4										
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.										

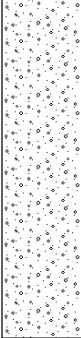


				Trial Pit Log			Trialpit No TP36 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439013.96 - 410327.89 Level: 79.60		Date 28/03/2024	
Location: Barnsley				Dimensions (m): Depth 1.80			Scale 1:20		
Client: Fenwood Estates Limited							Logged LEW		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	1.40	D&B		0.30	79.30		Dark brown slightly gravelly clayey fine to medium SAND with frequent rootlets. Gravel is subangular to subrounded fine to coarse of sandstone. (TOPSOIL)		
				1.00	78.60		Brown gravelly clayey fine to coarse SAND. Gravel is subangular to subrounded tabular fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL) <i>Slight spalling between 0.3m and 1.0m.</i>		
				1.60	78.00		Light brown sandy slightly clayey angular to subangular tabular fine to coarse GRAVEL of sandstone with low cobble content. (GRANULAR RESIDUAL SOIL)		
1.80				77.80		Strong light brown thinly bedded medium grained SANDSTONE. Recovered as angular tabular cobbles with much sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK) <i>Unable to excavate beyond 1.8m.</i>			
End of pit at 1.80 m								2	
								3	
								4	
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. Slight spalling between 0.3m and 1.0m depth during excavation.									
									

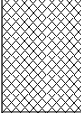
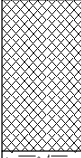
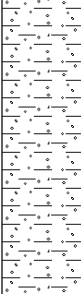
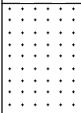
				Trial Pit Log			Trialpit No TP37 Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439018.86 - 410367.49 Level: 76.80		Date 28/03/2024		
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.20		Scale 1:20		
						Logged LEW				
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.10	J&T		0.30	76.50		MADE GROUND: Dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is angular to subrounded fine to coarse of predominantly sandstone with occasional glass and ceramic. (MADE GROUND TOPSOIL)			1
	0.20	B					Firm brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL) <u>Locally very clayey sand.</u>			
	0.90	D		1.00	75.80		Light brown sandy clayey angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL) <u>Localised spalling to 1.2m.</u>			2
				1.60	75.20		Medium strong light brown thinly bedded fine to medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel with medium cobble content. (MEXBOROUGH ROCK) <u>Unable to excavate beyond 2.2m.</u>			3
				2.20	74.60	End of pit at 2.20 m				4
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. Slight spalling between 0.3m and 1.2m depth during excavation.										

				Trial Pit Log				Trialpit No TP38 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439051.89 - 410332.40 Level: 79.05		Date 28/03/2024		
Location: Barnsley						Dimensions (m): Depth 2.00		Scale 1:20		
Client: Fenwood Estates Limited								Logged LEW		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.10	J&T		0.30	78.75		Dark brown gravelly very clayey fine to medium SAND with occasional rootlets. Gravel is subangular to subrounded fine to coarse of sandstone. (TOPSOIL)			
				1.30	77.75		Orangish brown gravelly very clayey fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. Low cobble content of sandstone. (GRANULAR RESIDUAL SOIL) <i>Slight spalling between 0.3m and 1.2m.</i>			
				1.80	77.25		Light brown sandy clayey angular to subangular fine to coarse GRAVEL of sandstone with low cobble content. (GRANULAR RESIDUAL SOIL)			
				2.00	77.05		Strong light brown thinly bedded medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel with medium content. (MEXBOROUGH ROCK)			
							<i>Unable to excavate beyond 2.0m.</i> 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. Slight spalling between 0.3m and 1.2m depth during excavation.										

				Trial Pit Log				Trialpit No TP39 Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438989.20 - 410312.04 Level: 80.90		Date 28/03/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.00		Scale 1:20	
		Logged LEW							
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.70	D&B		0.20	80.70		MADE GROUND: Dark brown slightly gravelly clayey fine to medium SAND with occasional rootlets. Gravel is angular to subrounded fine to coarse of predominantly sandstone with rare ceramic, coal, glass and plastic. (MADE GROUND TOPSOIL)		
				1.10	79.80		Brown gravelly clayey fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL)		
							Light brown sandy slightly clayey subangular to subrounded fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
							Strong light brown thinly bedded medium grained SANDSTONE. Recovered as angular tabular cobbles with much sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		
	1.50	T		1.60	79.30				
				2.00	78.90	Difficult to excavate beyond 2.0m.			
							End of pit at 2.00 m		
1 2 3 4									
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.									
									

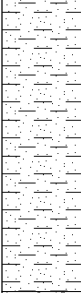
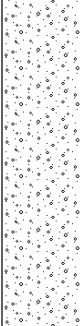
				Trial Pit Log			Trialpit No TP40 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 438974.24 - 410276.85 Level: 82.65		Date 28/03/2024	
Location: Barnsley				Dimensions (m): Depth 1.90			Scale 1:20		Logged LEW
Client: Fenwood Estates Limited									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10 0.15	J&T B		0.20	82.45		MADE GROUND: Dark brown gravelly very clayey fine to coarse SAND with occasional rootlets. Gravel is angular to subrounded fine to coarse of predominantly sandstone with rare ceramic and glass. (MADE GROUND TOPSOIL) Orangish brown gravelly clayey fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL)		
									
	1.00	T		0.80	81.85		Light brown sandy clayey subangular to subrounded fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
									
				1.70	80.95		Strong light brown thinly bedded medium to coarse grained SANDSTONE. Recovered as angular tabular cobbles with much sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK) <i>Difficult to excavate beyond 1.9m.</i> End of pit at 1.90 m		
				1.90	80.75				
1 2 3 4									
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.									

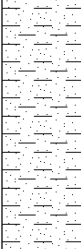
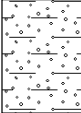
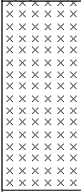


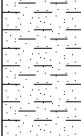
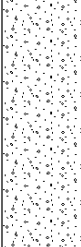
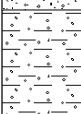
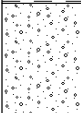
				Trial Pit Log			Trialpit No TP41 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439021.84 - 410243.34 Level: 84.80		Date 28/03/2024	
Location: Barnsley				Dimensions (m): Depth 1.80				Scale 1:20 Logged LEW	
Client: Fenwood Estates Limited									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.30	84.50		MADE GROUND: Dark brown gravelly clayey fine to medium SAND with frequent rootlets. Gravel is angular to subrounded fine to coarse of mixed lithologies including sandstone, brick, paper, metal, glass, ceramic, coal and plastic. Low cobble content of brick. (GRANULAR MADE GROUND) MADE GROUND: Brown gravelly clayey fine to coarse SAND with medium cobble and low boulder content. Gravel if subangular to subrounded fine to coarse of sandstone. Cobbles and boulders of sandstone (up to 0.5m across). (REWORKED NATURAL GROUND) <i>Slight spalling in made ground.</i> Stiff light brown mottled light grey slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL) <i>From 1.3m, clay is gravelly.</i> Strong light brown medium grained SANDSTONE interbedded with moderately weak brown SILTSTONE. Recovered as sandy angular tabular fine to coarse gravel with medium cobble content. (MEXBOROUGH ROCK) <i>Unable to excavate beyond 1.8m.</i> End of pit at 1.80 m		
	0.50	J&T		0.70	84.10				
	0.90	D		1.50	83.30				
				1.80	83.00				
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. Slight spalling between 0.0m and 0.7m depth during excavation.					



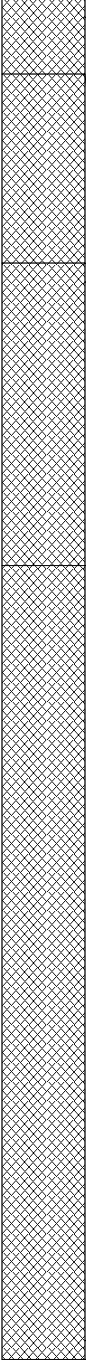
				Trial Pit Log				Trialpit No TP43 Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439107.75 - 410393.27 Level: 74.90		Date 28/03/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 1.90		Scale 1:20	
						Logged LEW			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	J&T	HVP=68	0.20	74.70		Dark brown slightly gravelly sandy CLAY with occasional rootlets. Gravel is subangular to subrounded fine to coarse of sandstone. (TOPSOIL)		
	1.10	D&B		0.80	74.10		Firm orangish brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL)		
							Firm light brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL)		
							From 1.3m, clay is gravelly.		
					1.80	73.10		Strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel with low cobble content. (MEXBOROUGH ROCK)	
			1.90	73.00		Unable to excavate beyond 1.9m. End of pit at 1.90 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.									
AGS									

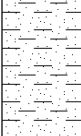
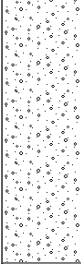
				Trial Pit Log			Trialpit No TP44 Sheet 1 of 1					
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439138.24 - 410379.23 Level: 75.90		Date 02/04/2024				
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.10		Scale 1:20				
		Logged LEW										
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description					
	Depth	Type	Results									
	0.10	J&T		0.20	75.70		Dark brown slightly sandy slightly gravel CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse of sandstone. (TOPSOIL)					
	0.90	D&B		1.00	74.90		Firm brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL)					
							1.90	74.00		Light brown sandy clayey subangular to subrounded fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
										2.10	73.80	
Difficult to excavate beyond 2.1m. End of pit at 2.10 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 TP45 Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439158.73 - 410394.41 Level: 74.65		Date 02/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.20				Scale 1:20 Logged LEW	
Client: Fenwood Estates Limited									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10 0.15	J&T D		0.20	74.45		Greyish brown slightly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to medium of sandstone. (TOPSOIL) Stiff light brown mottled light grey slightly sandy CLAY. (COHESIVE RESIDUAL SOIL)		
	1.00	D	HVP=80				Slightly gravelly from 0.9m.		
		HVP=108				Light greyish brown sandy clayey angular to subangular tabular fine to medium GRAVEL of siltstone. (GRANULAR RESIDUAL SOIL)			
						Moderately weak brown thinly laminated SILTSTONE recovered as sandy angular tabular fine to coarse gravel with a medium cobble content. (MEXBOROUGH ROCK)			
				2.20	72.45		Groundwater inflow at 2.1m. Difficult to excavate beyond 2.2m. End of pit at 2.20 m		
Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater encountered at 2.1m 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 TP46 Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439116.36 - 410390.10 Level: 75.20		Date 03/04/2024			
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.00		Scale 1:20			
						Logged LEW					
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description				
	Depth	Type	Results								
	1.00	D&B		0.20	75.00		Dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse of sandstone. (TOPSOIL)	1			
				0.60	74.60		Firm brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL)				
										Light greyish brown gravelly silty fine to coarse SAND. Gravel is subangular fine to coarse of siltstone. (GRANULAR RESIDUAL SOIL)	
											Firm brown gleyed orangish brown slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to medium of siltstone. (COHESIVE RESIDUAL SOIL)
											
	1.50	D		1.30	73.90			2			
				1.60	73.60						
				1.90	73.30						
				2.00	73.20		Medium strong greyish brown thinly laminated SILTSTONE recovered as angular tabular cobbles with some sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)				
				Difficult to excavate beyond 2.0m. 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 TP48 Sheet 1 of 1				
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439101.09 - 410266.66 Level: 81.65		Date 05/04/2024			
Location: Barnsley				Dimensions (m): Depth 3.60			Scale 1:20		Logged LEW		
Client: Fenwood Estates Limited											
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description				
	Depth	Type	Results								
	0.10	J,K&T		0.20	81.45		MADE GROUND: Dark brown slightly gravelly clayey fine to coarse SAND with frequent rootlets and low cobble content. Gravel is subangular to subrounded of brick, sandstone and occasional glass, plastic and cobbles of brick. (MADE GROUND TOPSOIL) <i>Significant spalling and collapse from surface.</i>				1 2 3 4
				0.70	80.95		MADE GROUND: Light brown sandy angular to subangular fine to coarse GRAVEL of brick, sandstone, concrete and clinker. High cobble content of brick and low boulder content of concrete (up to 1m across). (GRANULAR MADE GROUND)				
							MADE GROUND: Brown gravelly very clayey fine to coarse SAND with a medium cobble content. Gravel is angular to subrounded fine to coarse of mixed lithologies including sandstone, brick and concrete with occasional ceramic, glass, coal and metal. Cobbles of brick. (GRANULAR MADE GROUND) <i>Locally sandy gravelly clay at 0.7m.</i>				
	1.40	J,K&T		1.50	80.15		MADE GROUND: Light brown sandy angular to subrounded fine to coarse GRAVEL of predominantly sandstone and brick with occasional concrete, tarmac, clinker and ceramic. High cobble content of brick and sandstone. (GRANULAR MADE GROUND)				
				3.60	78.05		<i>Abandoned due to collapse at 3.6m.</i> 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. Significant spalling and collapse from the surface.											

				Trial Pit Log			Trialpit No TP49 Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439051.87 - 410355.49 Level: 77.40		Date 08/04/2024		
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 1.50		Scale 1:20		
		Logged LEW								
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
				0.20	77.20		Dark brown slightly sandy slightly gravelly CLAY with frequent rootlets. Gravel is subangular to subrounded fine to coarse of sandstone. (TOPSOIL)		1	
			0.60	76.80		Firm orangish brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL)				
						Light brown sandy slightly clayey subangular to subrounded fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)				
			1.30	76.10		Medium strong light greyish brown medium grained SANDSTONE. Recovered as angular tabular cobbles with much sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)				
			1.50	75.90	Unable to excavate beyond 1.5m. End of pit at 1.50 m				2	
									3	
									4	
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
Trial Trench Logs



TT01B

Sheet 1 of 1

Project Name: Cudworth Parkway

Project No.
4674

Level:

02/04/2024

Location: Barnsley

Dimensions
(m):

Depth
2.10

Scale
1:20

Logged
LEW

Client: Fenwood Estates Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.40			MADE GROUND: Dark brown slightly sandy gravelly CLAY with frequent rootlets. Gravel is subangular fine to coarse of brick, sandstone and rare glass. Low cobble content of brick. (MADE GROUND TOPSOIL)
							MADE GROUND: Dark brown and brown sandy angular to subrounded fine to coarse GRAVEL of mixed lithologies including sandstone, brick, clinker and concrete. Medium cobble content of brick, sandstone and concrete. (GRANULAR MADE GROUND)
				2.10			End of pit at 2.10 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. Slight spalling from 0.0m depth during excavation.









TT02B

Sheet 1 of 1

Project Name: Cudworth Parkway

Project No.
4674

Co-ords:	439187.00 - 410305.00
----------	-----------------------

Level:

Date _____

02/04/2024

Location: Barnsley

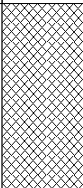
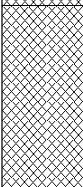
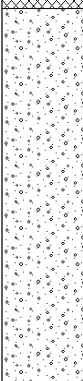
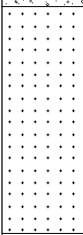
Dimensions
(m):

Depth
2.60

Scale
1:20

Logged
LEW

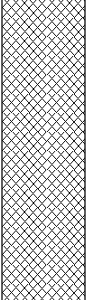
Client: Fenwood Estates Limited

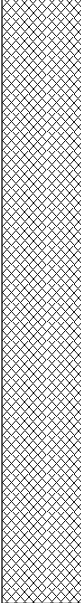
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.50			MADE GROUND: Dark brown slightly sandy gravelly CLAY with occasional rootlets. Gravel is angular to subangular fine to coarse of brick, sandstone and concrete. (MADE GROUND TOPSOIL)
				1.00			MADE GROUND: Light brown sandy subangular fine to coarse GRAVEL of sandstone with low cobble content. (REWORKED NATURAL GROUND)
				2.00			Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)
				2.60			Medium strong orangish brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel with medium cobble and low boulder content. (MEXBOROUGH ROCK) <u>Quarry 'highwall' encountered at 439184.7, 410305.8.</u>
							<u>At 2.6m, groundwater inflow.</u> <u>Unable to excavate beyond 2.6m.</u> End of pit at 2.60 m

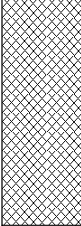
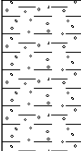
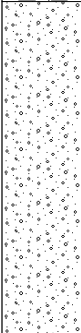
Remarks:	1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was encountered at 2.6m during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.
----------	---

Stability: 1. Slight spalling between 0.5m and 1.0m depth during excavation.

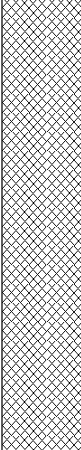


				Trial Pit Log			Trialpit No TT02C Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439184.00 - 410306.00		Date 02/04/2024	
Location: Barnsley				Dimensions (m):				Scale 1:20	
Client: Fenwood Estates Limited				Depth 2.40				Logged LEW	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
▼				0.80			MADE GROUND: Brown clayey fine to coarse SAND. (QUARRY WASTE)		
							MADE GROUND: Brown gravelly clayey fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of predominantly sandstone with rare brick. (QUARRY WASTE) <i>Constant spalling leading to partial collapse from ground level.</i>		
				2.30 2.40			Quarry 'highwall' encountered at 439184.7, 410305.8.		
							Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK) <i>At 2.3m, groundwater inflow.</i> <i>Unable to excavate beyond 2.4m.</i> End of pit at 2.40 m		
Remarks: 1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was encountered at 2.3m during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.									
Stability: 1. Significant spalling and partial collapse from the surface.									

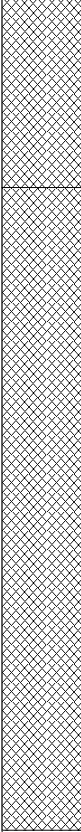
				Trial Pit Log			Trialpit No TT02D Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439180.99 - 410306.55 Level: 77.80		Date 02/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.40				Scale 1:20	
Client: Fenwood Estates Limited								Logged LEW	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				1.60	76.20		MADE GROUND: Dark grey and light brown sandy GRAVEL of mixed lithologies including brick, sandstone, glass, ceramic, cloth and plastic. Medium cobble content of brick and sandstone. (GRANULAR MADE GROUND)		
							Constant spalling leading to partial collapse from ground level.		
							MADE GROUND: Orangish brown sandy gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (QUARRY WASTE)		
							Quarry 'highwall' encountered at 439184.7, 410305.8.		
				2.30 2.40	75.50 75.40		Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		
							Unable to excavate beyond 2.4m. 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. Significant spalling and partial collapse from the surface.									

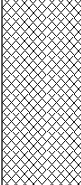
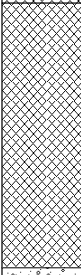
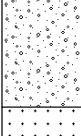
				Trial Pit Log			Trialpit No TT03A Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439148.48 - 410311.82 Level: 79.10		Date 03/04/2024
Location: Barnsley				Dimensions (m): Depth 2.00			Scale 1:20	
Client: Fenwood Estates Limited							Logged LEW	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.60	78.50		MADE GROUND: Dark grey gravelly CLAY. Gravel is angular to subrounded fine to coarse of mudstone, brick and clinker. (COHESIVE MADE GROUND)	
				1.00	78.10		Firm brown sandy gravelly CLAY. Gravel is subangular fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL)	
							Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)	
							Quarry 'highwall' encountered at 439158.3, 410309.5.	
				1.90	77.20		Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)	
2.00	77.10		Unable to excavate beyond 2.0m. End of pit at 2.00 m					
							1	
							2	
							3	
							4	
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.								



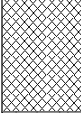
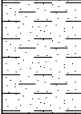
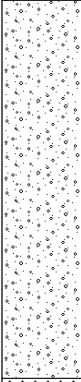
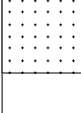
				Trial Pit Log			Trialpit No TT03C Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439162.48 - 410308.60 Level: 78.15		Date 03/04/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.10		Scale 1:20	
						Logged LEW			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				1.20	76.95		MADE GROUND: Dark grey gravelly CLAY. Gravel is angular to subrounded fine to coarse of sandstone, brick, concrete and glass. Low cobble content of concrete. (COHESIVE MADE GROUND)		
							Slight spalling from 0.5m to 2.0m.		
							MADE GROUND: Orangish brown gravelly CLAY. Gravel is subangular fine to coarse of sandstone. (QUARRY WASTE)		
							MADE GROUND: Dark grey sandy clayey angular to subangular fine to coarse GRAVEL of clinker, sandstone and brick. (GRANULAR MADE GROUND)		
							Quarry 'highwall' encountered at 439158.3, 410309.5. Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		
				2.00	76.15		Unable to excavate beyond 2.1m.		
							End of pit at 2.10 m		
				2.10	76.05				
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. Slight spalling between 0.5m and 2.0m depth during excavation.									
									



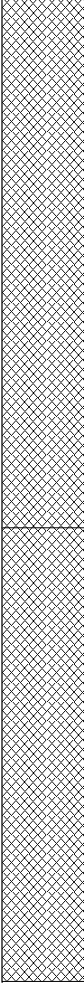
				Trial Pit Log			Trialpit No TT04B Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439134.00 - 410333.00 Level:		Date 03/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.20				Scale 1:20	
Client: Fenwood Estates Limited								Logged LEW	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.50			MADE GROUND: Dark grey and brown sandy very gravelly CLAY. Gravel is subangular to subrounded fine to coarse of predominantly mudstone and sandstone with rare brick, ceramic and metal. Low cobble content of concrete. (COHESIVE MADE GROUND)		
							MADE GROUND: Purplish red clayey fine to medium SAND. (LANDFILL MATERIAL)		
							Constant spalling leading to partial collapse from ground level.		
							Quarry 'highwall' encountered at 439136.5, 410330.8.		
				2.20			Unable to excavate beyond 2.2m - refusal on sandstone bedrock. End of pit at 2.20 m		
1 2 3 4									
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. Significant spalling and partial collapse from the surface.									
									

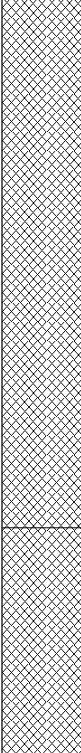
				Trial Pit Log			Trialpit No TT04C Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439135.00 - 410332.00 Level:		Date 03/04/2024		
Location: Barnsley				Dimensions (m): Depth 2.30			Scale 1:20 Logged LEW			
Client: Fenwood Estates Limited										
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
				0.50			MADE GROUND: Dark grey sandy very gravelly CLAY. Gravel is subangular to subrounded fine to coarse of predominantly mudstone and sandstone with rare brick, ceramic and metal. Low cobble content of concrete. (COHESIVE MADE GROUND)			
							MADE GROUND: Dark grey sandy angular to subangular fine to coarse GRAVEL of mixed lithologies including brick, sandstone, ceramic and clinker. Medium cobble content of brick. (GRANULAR MADE GROUND)			
							Constant spalling leading to partial collapse from ground level.			
							1.20		MADE GROUND: Purplish red clayey fine to medium SAND. (LANDFILL MATERIAL)	
									Quarry 'highwall' encountered at 439136.5, 410330.8.	
									Light brown sandy clayey angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)	
2.20		Unable to excavate beyond 2.3m.								
		Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)								
2.30							End of pit at 2.30 m			
1 2 3 4										
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. Significant spalling and partial collapse from the surface.										

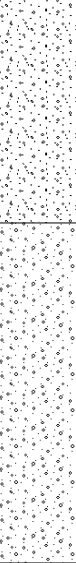
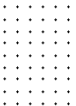


				Trial Pit Log			Trialpit No TT04D Sheet 1 of 1				
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439138.08 - 410329.61 Level: 78.50		Date 03/04/2024			
Location: Barnsley				Dimensions (m): Depth 1.80				Scale 1:20			
Client: Fenwood Estates Limited								Logged LEW			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description				
	Depth	Type	Results								
							0.30	78.20		MADE GROUND: Dark grey sandy very gravelly CLAY. Gravel is subangular to subrounded fine to coarse of predominantly mudstone and sandstone with rare brick, ceramic and metal. Low cobble content of concrete. (COHESIVE MADE GROUND)	
							0.60	77.90		Firm brown sandy CLAY. (COHESIVE RESIDUAL SOIL)	
							1.60	76.90		Light brown sandy clayey angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)	
			1.80	76.70		Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)					
								Quarry 'highwall' encountered at 439136.5, 410330.8.			
								Unable to excavate beyond 1.8m.			
								End of pit at 1.80 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.											

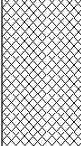
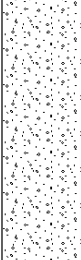
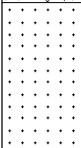


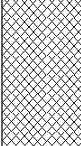
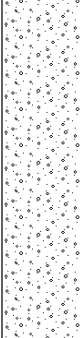
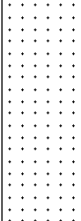
				Trial Pit Log			Trialpit No TT05B Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439142.00 - 410356.00 Level:		Date 03/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.60				Scale 1:20	
Client: Fenwood Estates Limited								Logged LEW	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				1.40			MADE GROUND: Dark grey angular COBBLES of brick, sandstone and concrete with much sandy angular to subrounded fine to coarse gravel of brick, sandstone and concrete with rare ceramic, metal, plastic and clinker. (GRANULAR MADE GROUND)		
							Constant spalling leading to partial collapse from ground level.		
							MADE GROUND: Dark grey clayey gravelly of mixed lithologies including sandstone and brick with rare wood, metal and ceramic. (GRANULAR MADE GROUND)		
							Quarry 'highwall' encountered at 439145.7, 410362.0.		
				2.60			Unable to excavate beyond 2.6m - refusal on sandstone bedrock.		
							End of pit at 2.60 m		
1 2 3 4									
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. Significant spalling and partial collapse from the surface.									
									

				Trial Pit Log			Trialpit No TT05C Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439144.00 - 410360.00 Level:		Date 03/04/2024
Location: Barnsley				Dimensions (m): Depth 2.00				Scale 1:20 Logged LEW
Client: Fenwood Estates Limited								
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				1.40			MADE GROUND: Yellowish brown and light grey sandy clayey angular to subangular fine to coarse GRAVEL of sandstone, brick and ceramic. (QUARRY WASTE)	
							Locally made ground is purplish red.	
							MADE GROUND: Orangish brown and brown gravelly CLAY. Gravel is subangular fine to coarse of sandstone. (QUARRY WASTE)	
							Quarry 'highwall' encountered at 439145.7, 410362.0.	
				2.00			Unable to excavate beyond 2.0m - refusal on sandstone bedrock.	
							End of pit at 2.00 m	
1 2 3 4								
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 TT05D Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439146.19 - 410363.17 Level: 76.70		Date 03/04/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.00		Scale 1:20	
						Logged LEW			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.20	76.50		MADE GROUND: Dark brown clayey SAND with occasional rootlets. (MADE GROUND TOPSOIL)		
				0.80	75.90		Brown gravelly clayey fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL)		
							Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
							Quarry 'highwall' encountered at 439145.7, 410362.0.		
				1.70	75.00		Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		
2.00	74.70		Unable to excavate beyond 2.0m. 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.					

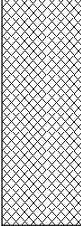
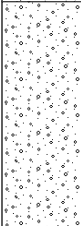
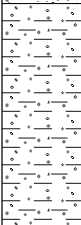
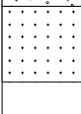


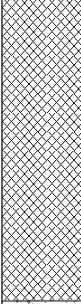
				Trial Pit Log			Trialpit No TT06A Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439073.32 - 410385.20 Level: 75.65		Date 03/04/2024		
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.40		Scale 1:20		
						Logged LEW				
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
				0.40	75.25		MADE GROUND: Black sandy angular to subangular tabular fine to coarse GRAVEL of tarmac. (GRANULAR MADE GROUND)			1
							Light brown gravelly clayey fine to coarse SAND. Gravel is subangular fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL)			
				1.10	74.55		Orangish brown sandy subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
							Quarry 'highwall' encountered at 439077.7, 410383.4.			
				2.00	73.65		Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)			
2.40	73.25	Unable to excavate beyond 2.4m.								
							End of pit at 2.40 m			3
										4
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 TT06B Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439077.00 - 410394.00 Level:		Date 03/04/2024		
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.60		Scale 1:20		
						Logged LEW				
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
				0.40			MADE GROUND: Black sandy angular to subangular tabular fine to coarse GRAVEL of tarmac. (GRANULAR MADE GROUND)		1	
							MADE GROUND: Dark grey and brown fine to coarse SAND of ash and angular to subangular fine to coarse GRAVEL of predominantly clinker with rare glass, metal and ceramic. (ASH & CLINKER)			
				1.10			Orangish brown sandy subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		2	
							Quarry 'highwall' encountered at 439077.7, 410383.4.			
				2.00			Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		3	
2.60			Unable to excavate beyond 2.6m.		4					
							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.										

				Trial Pit Log			Trialpit No TT06C Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439078.00 - 410383.00 Level:		Date 03/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.60				Scale 1:20	
Client: Fenwood Estates Limited								Logged LEW	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.40			MADE GROUND: Black sandy angular to subangular tabular fine to coarse GRAVEL of tarmac. (GRANULAR MADE GROUND)		
							MADE GROUND: Dark grey and brown fine to coarse SAND of ash and angular to subangular fine to coarse GRAVEL of predominantly clinker with rare glass, metal and ceramic. Cobble size fragment of carpet and car tyre. (ASH & CLINKER)		
							Constant spalling leading to partial collapse from ground level.		
							Quarry 'highwall' encountered at 439077.7, 410383.4.		
				2.40			Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		
				2.60			At 2.4m, groundwater seepage. Unable to excavate beyond 2.6m. End of pit at 2.60 m		
Remarks:				1. Prior to excavation a Cable Avoidance Tool (CAT) survey was carried out. 2. Groundwater was encountered at 2.4m during excavation. 3. Backfilled with materials arising upon completion. 4. Exploratory hole surveyed in (level and co-ordinates) on completion.					
Stability:				1. Significant spalling and partial collapse from the surface.					



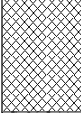
				Trial Pit Log			Trialpit No TT07A Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439071.83 - 410341.34 Level: 78.80		Date 04/04/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.30		Scale 1:20	
						Logged LEW			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.60	78.20		MADE GROUND: Dark grey sandy angular to subangular fine to coarse GRAVEL of mixed lithologies including clinker, brick and sandstone. Medium cobble content of brick and concrete. Low boulder content of concrete. (GRANULAR MADE GROUND)		
				0.90	77.90		Firm brown sandy CLAY. (COHESIVE RESIDUAL SOIL)		
				1.50	77.30		Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
				2.10	76.70		Stiff light brown slightly sandy gravelly CLAY. Gravel is subangular fine to coarse of sandstone. (COHESIVE RESIDUAL SOIL)		
				2.30	76.50		Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		
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 TT07B Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439075.00 - 410339.00 Level:		Date 04/04/2024		
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.40		Scale 1:20		
		Logged LEW								
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
				0.80			MADE GROUND: Dark grey sandy angular to subangular fine to coarse GRAVEL of mixed lithologies including clinker, brick and sandstone. Medium cobble content of brick and concrete. Low boulder content of concrete. (GRANULAR MADE GROUND)			
							Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
							Quarry 'highwall' encountered at 439075.1, 410338.3.			
							Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)			
				2.20			Unable to excavate beyond 2.4m. End of pit at 2.40 m			
				2.40						
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.										

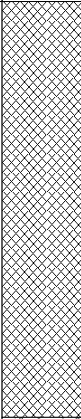
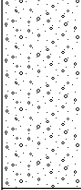


				Trial Pit Log			Trialpit No TT07D Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439078.96 - 410335.59 Level: 79.00		Date 04/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.90			Scale 1:20		Logged LEW
Client: Fenwood Estates Limited									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
							MADE GROUND: Dark grey sandy angular to subangular fine to coarse GRAVEL of mixed lithologies including clinker, brick and sandstone. Medium cobble content of brick and concrete. Low boulder content of concrete. (GRANULAR MADE GROUND) Constant spalling leading to partial collapse from ground level. Quarry "highwall" encountered at 439075.1, 410338.3. Unable to excavate beyond 2.9m - refusal on sandstone bedrock. End of pit at 2.90 m		
				2.90	76.10				
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. Significant spalling and partial collapse from the surface.									

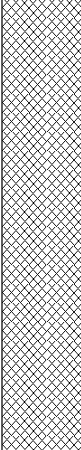
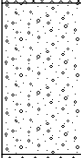


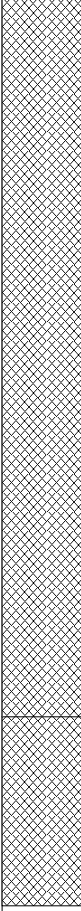
				Trial Pit Log			Trialpit No TT08A Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439051.65 - 410314.70 Level: 80.45		Date 04/04/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 1.80		Scale 1:20	
						Logged LEW			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.30	80.15		MADE GROUND: Dark grey sandy angular to subangular fine to coarse GRAVEL of predominantly clinker with rare brick and sandstone. (ASH & CLINKER)		
							Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
							Quarry 'highwall' encountered at 439053.8, 410310.0.		
							Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		
				1.60	78.85		Unable to excavate beyond 1.8m.		
				1.80	78.65		End of pit at 1.80 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.									

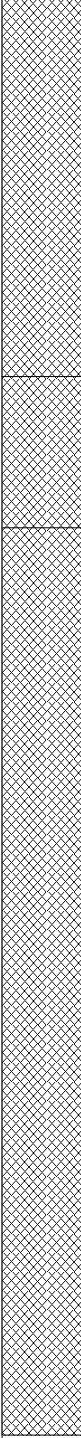


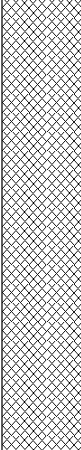
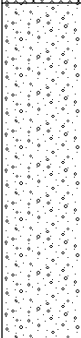
				Trial Pit Log			Trialpit No TT08B Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439052.00 - 410313.00 Level:		Date 04/04/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 1.80		Scale 1:20	
		Logged LEW							
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				1.10			MADE GROUND: Greyish brown sandy gravelly CLAY. Gravel is angular to subrounded fine to coarse of mixed lithologies including sandstone, brick, clinker and metal. (COHESIVE MADE GROUND)		
				1.60			Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
				1.80			Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		
							Unable to excavate beyond 1.8m. End of pit at 1.80 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.									

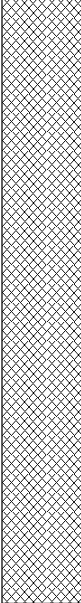
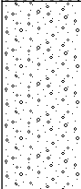


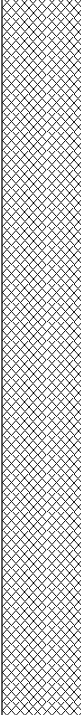
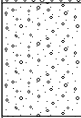
				Trial Pit Log			Trialpit No TT08C Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439053.00 - 410311.00 Level:		Date 04/04/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 1.80		Scale 1:20	
		Logged LEW							
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				1.20			MADE GROUND: Grey sandy angular to subangular fine to coarse GRAVEL of mixed lithologies including clinker, sandstone, brick, concrete, tarmac and metal. High cobble content of sandstone, brick and concrete. (GRANULAR MADE GROUND)		
				1.60			Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
				1.80			Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		
							Unable to excavate beyond 1.8m. End of pit at 1.80 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.									
AGS									

				Trial Pit Log			Trialpit No TT08D Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439053.84 - 410310.02 Level: 80.75		Date 04/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.40				Scale 1:20	
Client: Fenwood Estates Limited								Logged LEW	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				1.90	78.85		MADE GROUND: Grey sandy angular to subangular fine to coarse GRAVEL of mixed lithologies including clinker, sandstone, brick, concrete, tarmac and metal. High cobble content of sandstone, brick and concrete. (GRANULAR MADE GROUND)		
							MADE GROUND: Greyish brown sandy gravelly CLAY. Gravel is angular to subrounded fine to coarse of mixed lithologies including brick, sandstone, clinker and concrete. (COHESIVE MADE GROUND) Quarry 'highwall' encountered at 439053.8, 410310.0.		
				2.40	78.35		Unable to excavate beyond 2.4m - refusal on sandstone bedrock. End of pit at 2.40 m		
1 2 3 4									
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 between 0.0m and 2.4m depth during excavation.									
									

				Trial Pit Log			Trialpit No TT08E Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439055.58 - 410306.47 Level: 80.85		Date 04/04/2024	
Location: Barnsley				Dimensions (m): Depth 3.80			Scale 1:20		
Client: Fenwood Estates Limited							Logged LEW		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				1.00	79.85		MADE GROUND: Grey sandy angular to subangular fine to coarse GRAVEL of mixed lithologies including clinker, sandstone, brick, concrete, tarmac and metal. High cobble content of sandstone, brick and concrete. (GRANULAR MADE GROUND)		
				MADE GROUND: Dark grey gravelly CLAY. Gravel is angular to subrounded fine to coarse of mudstone and sandstone. (COHESIVE MADE GROUND) <i>Spalling of trial pit walls between 0.0m and 3.8m.</i>					
				1.40	79.45		MADE GROUND: Greyish brown sandy angular to subrounded fine to coarse GRAVEL of mixed lithologies including sandstone, brick, concrete, tarmac and metal. High cobble content of sandstone, brick and concrete. Low boulder content of sandstone and concrete. (GRANULAR MADE GROUND) <i>Quarry 'highwall' encountered at 439053.8, 410310.0.</i>		
				Unable to excavate beyond 3.8m - refusal on sandstone bedrock. ----- End of pit at 3.80 m					
				3.80	77.05				
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 between 0.0m and 3.8m depth during excavation.									
									

				Trial Pit Log			Trialpit No TT09A Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439022.93 - 410283.39 Level: 82.85		Date 04/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.30			Scale 1:20		
Client: Fenwood Estates Limited							Logged LEW		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				1.20	81.65		MADE GROUND: Dark grey sandy angular to subrounded fine to coarse GRAVEL of mixed lithologies including clinker, tarmac, brick and sandstone. Medium cobble content of brick and sandstone. (GRANULAR MADE GROUND)		
				2.10	80.75		Brown sandy clayey subangular to subrounded fine to coarse GRAVEL of sandstone with occasional thin beds of dark brown sand. (GRANULAR RESIDUAL SOIL)		
				2.30	80.55		Medium strong orangish brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		
								Unable to excavate beyond 2.3m. End of pit at 2.30 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.									
									

				Trial Pit Log			Trialpit No TT09B Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439028.00 - 410287.00 Level:		Date 04/04/2024	
Location: Barnsley				Dimensions (m):				Scale 1:20	
Client: Fenwood Estates Limited				Depth 2.30				Logged LEW	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				1.60			MADE GROUND: Dark grey sandy angular to subrounded fine to coarse GRAVEL of mixed lithologies including clinker, tarmac, brick and sandstone. Medium cobble content of brick and sandstone. (GRANULAR MADE GROUND)		
				2.10			Brown sandy clayey subangular to subrounded fine to coarse GRAVEL of sandstone with occasional thin beds of dark brown sand. (GRANULAR RESIDUAL SOIL)		
				2.30			Medium strong orangish brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		
							Unable to excavate beyond 2.3m. End of pit at 2.30 m		
1 2 3 4									
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 TT09C Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439030.00 - 410288.00 Level:		Date 04/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.20				Scale 1:20	
Client: Fenwood Estates Limited								Logged LEW	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				1.90			MADE GROUND: Dark grey sandy angular to subrounded fine to coarse GRAVEL of mixed lithologies including clinker, tarmac, brick and sandstone. High cobble content of brick, sandstone, tarmac and concrete. Low boulder content of concrete. (GRANULAR MADE GROUND)		
							2.20		 Brown sandy clayey subangular to subrounded fine to coarse GRAVEL of sandstone with occasional thin beds of dark brown sand. (GRANULAR RESIDUAL SOIL) <i>Quarry 'highwall' encountered at 439027.0, 410285.7.</i> <i>Unable to excavate beyond 2.2m - refusal on sandstone bedrock.</i> End of pit at 2.20 m
1 2 3 4									
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.									
									



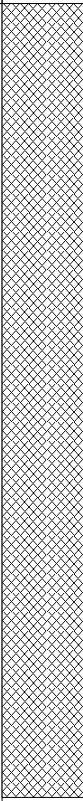
TT09D

Sheet 1 of 1

04/04/2024

1:20

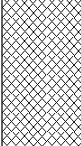
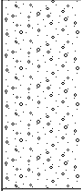
Logged
LEW

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				2.10	79.90		MADE GROUND: Dark grey sandy angular to subrounded fine to coarse GRAVEL of mixed lithologies including clinker, tarmac, brick and sandstone. High cobble content of brick, sandstone, tarmac and concrete. Low boulder content of concrete. (GRANULAR MADE GROUND) Quarry 'highwall' encountered at 439027.0, 410285.7. Unable to excavate beyond 2.1m - refusal on sandstone bedrock. End of pit at 2.10 m



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

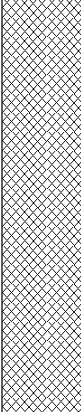
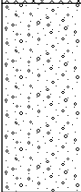
				Trial Pit Log			Trialpit No TT10A Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439043.40 - 410273.69 Level: 83.25		Date 04/04/2024		
Location: Barnsley				Dimensions (m): Depth 2.30				Scale 1:20		
Client: Fenwood Estates Limited								Logged LEW		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
				2.30	80.95		MADE GROUND: Greyish brown sandy angular to subrounded fine to coarse GRAVEL of mixed lithologies including sandstone, brick, tarmac, concrete and metal with rare wood, plastic and carpet. Medium cobble content of brick, sandstone and tarmac. (GRANULAR MADE GROUND) Spalling of trial pit walls between 0.0m and 2.3m. Quarry 'highwall' encountered at 439036.0, 4102710.5. Unable to excavate beyond 2.3m - refusal on sandstone bedrock. End of pit at 2.30 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. Spalling between 0.0m and 2.3m depth during excavation.										

				Trial Pit Log			Trialpit No TT10C Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439038.00 - 410271.00		Date 04/04/2024	
Location: Barnsley				Dimensions (m):				Scale 1:20	
Client: Fenwood Estates Limited				Depth 2.10				Logged LEW	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.40			MADE GROUND: Greyish brown sandy angular to subrounded fine to coarse GRAVEL of mixed lithologies including sandstone, brick, tarmac, concrete and metal with rare wood, plastic and carpet. Medium cobble content of brick, sandstone and tarmac. (GRANULAR MADE GROUND)		
							MADE GROUND: Orangish brown and brown sandy subangular to subrounded fine to coarse GRAVEL of sandstone with occasional lenses and pockets of black sand. (QUARRY WASTE) <i>Spalling of trial pit walls between 0.0m and 1.0m.</i>		
							Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL) <i>Quarry 'highwall' encountered at 439036.0, 4102710.5.</i>		
							Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK) <i>Unable to excavate beyond 2.1m.</i> End of pit at 2.10 m		
				1.40					
				1.90					
				2.10					
1 2 3 4									
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 between 0.0m and 1.0m depth during excavation.									
									

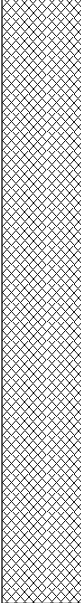


				Trial Pit Log			Trialpit No TT11A Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439186.78 - 410286.97 Level: 78.25		Date 05/04/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 1.90		Scale 1:20	
		Logged LEW							
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results				MADE GROUND: Dark brown gravelly clayey fine to coarse SAND with occasional rootlets. Gravel is subangular fine to coarse of sandstone and brick. (MADE GROUND TOPSOIL)		
							Yellowish brown clayey gravelly fine to coarse SAND. Gravel is subangular fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL)		
							Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
							Quarry 'highwall' encountered at 439184.7, 410286.8.		
Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)									
Unable to excavate beyond 1.9m.									
End of pit at 1.90 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.									

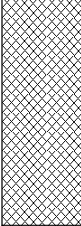
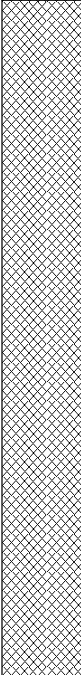


				Trial Pit Log			Trialpit No TT11B Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439184.00 - 410286.00 Level:		Date 05/04/2024		
Location: Barnsley				Dimensions (m): Depth 1.80				Scale 1:20		
Client: Fenwood Estates Limited								Logged LEW		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
				1.10			MADE GROUND: Greyish brown gravelly SAND with low cobble content of brick. Gravel is angular to subrounded fine to coarse of mixed lithologies including clinker, sandstone, brick and glass with rare wood. (GRANULAR MADE GROUND)			
							Spalling of trial pit walls between 0.0m and 1.1m.			
							1.60		Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)	
									Quarry 'highwall' encountered at 439184.7, 410286.8.	
				1.80			Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)			
							Unable to excavate beyond 1.8m. End of pit at 1.80 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. Spalling between 0.0m and 1.1m depth during excavation.										



				Trial Pit Log			Trialpit No TT11C Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439179.38 - 410285.80 Level: 78.30		Date 05/04/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 1.80		Scale 1:20	
						Logged LEW			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				1.60	76.70		MADE GROUND: Greyish brown gravelly SAND with low cobble content of brick. Gravel is angular to subrounded fine to coarse of mixed lithologies including clinker, sandstone, brick and glass with rare wood. (GRANULAR MADE GROUND)		
							Spalling of trial pit walls between 0.0m and 1.6m.		
							Quarry 'highwall' encountered at 439184.7, 410286.8.		
							Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		
				1.80	76.50		Unable to excavate beyond 1.8m.		
							End of pit at 1.80 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. Spalling between 0.0m and 1.6m depth during excavation.									



				Trial Pit Log			Trialpit No TT12A Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439125.41 - 410297.05 Level: 79.95		Date 05/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.50				Scale 1:20 Logged LEW	
Client: Fenwood Estates Limited									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	1.20	J,K&T		0.60	79.35		MADE GROUND: Brown and light brown sandy gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone, brick and concrete. (MADE GROUND TOPSOIL)		
							MADE GROUND: Light purplish blue sandy CLAY interbedded with purplish red Gravel of clinker. (LANDFILL MATERIAL)		
							<i>Spalling of trial pit walls between 0.6m and 2.4m.</i>		
							<i>Quarry 'highwalls' encountered at 439126.2, 410303.5 and 439126.5, 410305.8 representing a spur of natural ground.</i>		
				2.40	77.55		Strong light grey medium grained SANDSTONE.		
				2.50	77.45		Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		
							<i>Unable to excavate beyond 2.5m.</i> 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. Spalling between 0.6m and 2.4m depth during excavation.									



TT12B

Sheet 1 of 1

Level:

05/04/2024

Dimensions
(m):

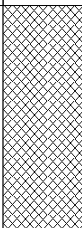
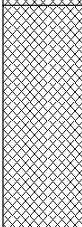
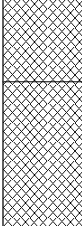
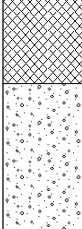
Scale

1:20

Client: Fenwood Estates Limited

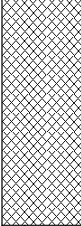
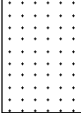
Depth
2.50

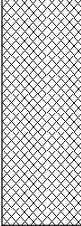
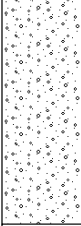
Logged
LEW

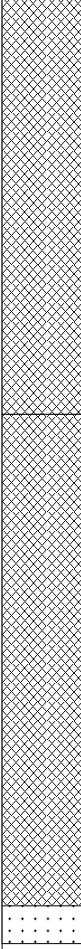
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.60			MADE GROUND: Greyish brown sandy angular to subrounded fine to coarse GRAVEL of mixed lithologies including sandstone, brick, concrete and clinker. Medium cobble content of brick and sandstone. (GRANULAR MADE GROUND)
							MADE GROUND: Light purplish blue sandy CLAY interbedded with purplish red Gravel of clinker. (LANDFILL MATERIAL)
				1.40			MADE GROUND: Grey gravelly CLAY. Gravel is angular to subrounded fine to coarse of sandstone, concrete and brick. (COHESIVE MADE GROUND) <i>Quarry 'highwalls' encountered at 439126.2, 410303.5 and 439126.5, 410305.8 representing a spur of natural ground.</i>
							Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)
				2.40			Strong light brown medium grained SANDSTONE.
				2.50			Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK) <i>Unable to excavate beyond 2.5m.</i> End of pit at 2.50 m

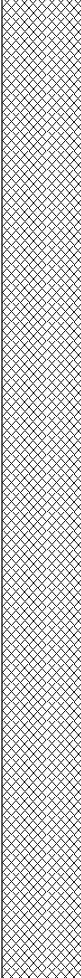


Stability: 1. Spalling between 0.6m and 2.0m depth during excavation.

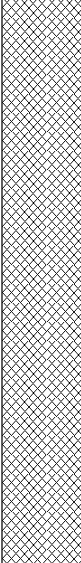
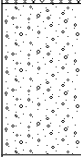
				Trial Pit Log			Trialpit No TT12C Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439126.00 - 410305.00 Level:		Date 05/04/2024
Location: Barnsley				Dimensions (m): Depth 2.50				Scale 1:20 Logged LEW
Client: Fenwood Estates Limited								
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.60			MADE GROUND: Greyish brown sandy angular to subrounded fine to coarse GRAVEL of mixed lithologies including sandstone, brick, concrete and clinker. Medium cobble content of brick and sandstone. (GRANULAR MADE GROUND)	
							Orangish brown gravelly clayey fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL)	
							Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)	
							Quarry 'highwalls' encountered at 439126.2, 410303.5 and 439126.5, 410305.8 representing a spur of natural ground.	
							Strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK) <u>Unable to excavate beyond 2.5m.</u>	
				2.20				
				2.50			End of pit at 2.50 m	
1 2 3 4								
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 TT12D Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439127.00 - 410306.00		Date 05/04/2024
Location: Barnsley				Dimensions (m): Depth 2.40				Scale 1:20 Logged LEW
Client: Fenwood Estates Limited								
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.60			MADE GROUND: Greyish brown sandy angular to subrounded fine to coarse GRAVEL of mixed lithologies including sandstone, brick, concrete and clinker. Medium cobble content of brick and sandstone. (GRANULAR MADE GROUND)	
							MADE GROUND: Blueish grey sandy angular to subangular fine to coarse GRAVEL of predominantly clinker with rare wood and metal. (ASH & CLINKER)	
							Constant spalling leading to partial collapse from ground level.	
				1.60			Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL) Quarry 'highwalls' encountered at 439126.2, 410303.5 and 439126.5, 410305.8 representing a spur of natural ground.	
				2.20			Strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)	
				2.40			Unable to excavate beyond 2.4m. 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. Significant spalling and partial collapse from the surface.								
								

				Trial Pit Log			Trialpit No TT12E Sheet 1 of 1						
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439127.07 - 410310.93 Level: 79.65		Date 05/04/2024					
Location: Barnsley				Dimensions (m): Depth 2.50			Scale 1:20		Logged LEW				
Client: Fenwood Estates Limited													
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description						
	Depth	Type	Results										
				1.10	78.55		MADE GROUND: Brown sandy clayey angular to subangular fine to coarse GRAVEL of mixed lithologies including sandstone, brick, concrete and ceramic. Medium cobble content of brick and sandstone. (GRANULAR MADE GROUND)			1			
							Constant spalling leading to partial collapse from ground level.						
										MADE GROUND: Purplish red clayey fine to medium SAND and blueish grey GRAVEL of clinker. (LANDFILL MATERIAL)			2
										Quarry 'highwalls' encountered at 439126.2, 410303.5 and 439126.5, 410305.8 representing a spur of natural ground.			
			2.40 77.25			Strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)			3				
			2.50 77.15			Unable to excavate beyond 2.5m. End of pit at 2.50 m							
										4			
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. Significant spalling and partial collapse from the surface.													

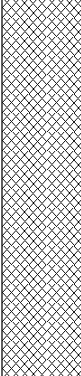
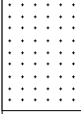
				Trial Pit Log			Trialpit No TT13A Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439082.78 - 410330.68 Level: 79.10		Date 08/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.80			Scale 1:20		Logged LEW
Client: Fenwood Estates Limited									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				2.60	76.50		MADE GROUND: Dark grey sandy angular to subrounded fine to coarse GRAVEL of mixed lithologies including brick, sandstone, clinker, tarmac, ceramic and glass with rare plastic, wood and metal. (GRANULAR MADE GROUND)		
							At 0.6m, sandstone boulder (1.8m x 0.65m x 0.2m).		
							Constant spalling leading to partial collapse from ground level.		
							Quarry 'highwalls' encountered at 439083.9, 410323.0 and 439085.7, 410312.2 representing a spur of natural ground.		
				2.80	76.30		Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		
							At 2.6m, groundwater seepage. Unable to excavate beyond 2.8m.		
							End of pit at 2.80 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. Significant spalling and partial collapse from the surface.									
									

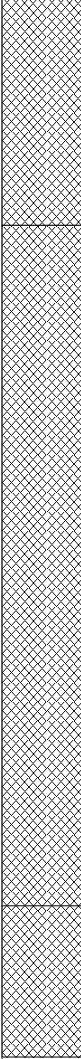


				Trial Pit Log			Trialpit No TT13C Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439084.00 - 410324.00 Level:		Date 08/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.10				Scale 1:20 Logged LEW	
Client: Fenwood Estates Limited									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				1.50			MADE GROUND: Dark grey gravelly CLAY. Gravel is angular to subrounded fine to coarse of predominantly mudstone with rare sandstone and clinker. (COHESIVE MADE GROUND)		
				1.90			Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
				2.10			Quarry 'highwalls' encountered at 439083.9, 410323.0 and 439085.7, 410312.2 representing a spur of natural ground. Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK) <i>Unable to excavate beyond 2.1m.</i> End of pit at 2.10 m		
									1
									2
									3
									4
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.									

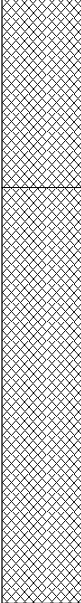
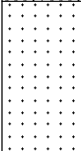
				Trial Pit Log			Trialpit No TT13D Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439085.00 - 410319.00 Level:		Date 08/04/2024
Location: Barnsley				Dimensions (m): Depth 1.90				Scale 1:20
Client: Fenwood Estates Limited								Logged LEW
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.50	1.10		MADE GROUND: Dark grey sandy angular to subrounded fine to coarse GRAVEL of mixed lithologies including brick, sandstone, clinker, tarmac, ceramic and glass with rare plastic, wood and metal. (GRANULAR MADE GROUND)	
							Orangish brown gravelly clayey fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL)	
							Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)	
							Quarry 'highwalls' encountered at 439083.9, 410323.0 and 439085.7, 410312.2 representing a spur of natural ground.	
							Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)	
				1.60			Unable to excavate beyond 1.9m.	
				1.90			End of pit at 1.90 m	
1 2 3 4								
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.								



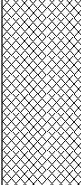
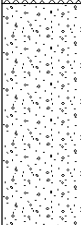
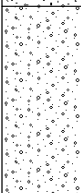
				Trial Pit Log			Trialpit No TT13E Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439086.59 - 410306.57 Level: 80.10		Date 08/04/2024		
Location: Barnsley				Dimensions (m): Depth 3.00			Scale 1:20		Logged LEW	
Client: Fenwood Estates Limited										
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
				1.00	79.10		MADE GROUND: Dark grey gravelly CLAY. Gravel is angular to subrounded fine to coarse of predominantly mudstone with rare glass, brick and sandstone. (COHESIVE MADE GROUND)			1
							MADE GROUND: Orangish brown gravelly very clayey fine to coarse SAND. Gravel is angular to subrounded fine to coarse of sandstone. (QUARRY WASTE) <i>Constant spalling leading to partial collapse from ground level.</i>			
							MADE GROUND: Brown slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. (QUARRY WASTE)			
							Quarry 'highwalls' encountered at 439083.9, 410323.0 and 439085.7, 410312.2 representing a spur of natural ground. <i>Unable to excavate beyond 3.0m.</i>			
							Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)			
				2.70	77.40					2
				3.00	77.10		End of pit at 3.00 m			3
										4
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. Significant spalling and partial collapse from the surface.										

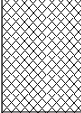
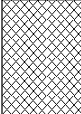
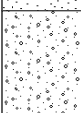
				Trial Pit Log			Trialpit No TT14C Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439091.00 - 410319.00 Level:		Date 08/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.80				Scale 1:20 Logged LEW	
Client: Fenwood Estates Limited									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.60			MADE GROUND: Brown sandy angular to subangular fine to coarse GRAVEL of mixed lithologies including brick, sandstone, mudstone, concrete and clinker with rare plastic and metal. High cobble content of brick and sandstone. (GRANULAR MADE GROUND)		
							At 0.5m, tarmac boulder (1.4m x 1.1m x 0.35m).		
							MADE GROUND: Grey sandy gravelly CLAY. Gravel is angular to subrounded fine to coarse of predominantly mudstone with rare brick and sandstone. (COHESIVE MADE GROUND)		
							Quarry 'highwall' encountered at 439088.6, 410318.3.		
				2.40			MADE GROUND: Greyish brown sandy clayey angular to subrounded fine to coarse GRAVEL of sandstone. (QUARRY WASTE)		
				2.80			Unable to excavate beyond 2.8m - refusal on sandstone bedrock. Complete collapse at 2.8m. End of pit at 2.80 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. Complete collapse from the surface at 2.8m depth.									



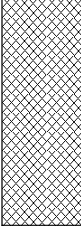
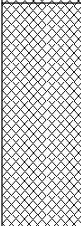
				Trial Pit Log			Trialpit No TT14D Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439089.00 - 410318.00 Level:		Date 08/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.00				Scale 1:20	
Client: Fenwood Estates Limited								Logged LEW	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.50			MADE GROUND: Brown sandy angular to subangular fine to coarse GRAVEL of mixed lithologies including brick, sandstone, mudstone, concrete and clinker with rare plastic and metal. High cobble content of brick and sandstone. (GRANULAR MADE GROUND)		
							MADE GROUND: Grey sandy gravelly CLAY. Gravel is angular to subrounded fine to coarse of predominantly mudstone with rare brick and sandstone. (COHESIVE MADE GROUND)		
							Quarry 'highwall' encountered at 439088.6, 410318.3.		
							Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)		
				1.60			Unable to excavate beyond 2.0m. Complete collapse at 2.0m.		
				2.00			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. Complete collapse from the surface at 2.8m depth.									



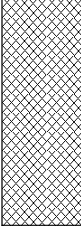
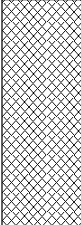
				Trial Pit Log			Trialpit No TT14E Sheet 1 of 1			
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439086.64 - 410317.90 Level: 79.65		Date 08/04/2024		
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 1.80		Scale 1:20		
						Logged LEW				
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
				0.50	79.15		MADE GROUND: Brown sandy angular to subangular fine to coarse GRAVEL of mixed lithologies including brick, sandstone, mudstone, concrete and clinker with rare plastic and metal. High cobble content of brick and sandstone. (GRANULAR MADE GROUND)			
				1.10	78.55		Orangish brown gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL)			
				1.60	78.05		Light brown sandy angular to subangular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
				1.80	77.85		Medium strong light brown medium grained SANDSTONE. Recovered as sandy angular tabular fine to coarse gravel. (MEXBOROUGH ROCK)			
							Unable to excavate beyond 1.8m. End of pit at 1.80 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.										

				Trial Pit Log			Trialpit No TT15A Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439139.09 - 410317.00 Level: 79.15		Date 08/04/2024	
Location: Barnsley				Client: Fenwood Estates Limited		Dimensions (m): Depth 2.00		Scale 1:20	
						Logged LEW			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.30	78.85		MADE GROUND: Dark grey gravelly CLAY. Gravel is angular to subrounded fine to coarse of predominantly mudstone with rare sandstone and brick. (COHESIVE MADE GROUND)		
				0.90	78.25		MADE GROUND: Brown sandy gravelly CLAY. Gravel is angular to subrounded fine to coarse of sandstone. (QUARRY WASTE)		
							Orangish brown gravelly clayey fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL)		
							1.40	77.75	
				1.80	77.35				
2.00	77.15	Unable to excavate beyond 2.0m. End of pit at 2.00 m							
									1
									2
									3
									4
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.									

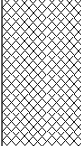
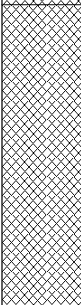
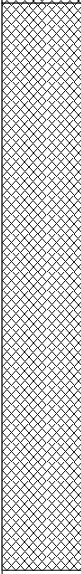


				Trial Pit Log			Trialpit No TT15C Sheet 1 of 1	
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439132.00 - 410318.00 Level:		Date 08/04/2024
Location: Barnsley				Dimensions (m): Depth 2.50			Scale 1:20 Logged LEW	
Client: Fenwood Estates Limited								
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.60			MADE GROUND: Brown sandy gravelly CLAY. Gravel is angular to subrounded fine to coarse of sandstone. (QUARRY WASTE)	
							MADE GROUND: Dark grey and purplish red gravelly SAND. Gravel is angular to subangular fine to coarse of clinker, metal, brick and sandstone. (ASH & CLINKER)	
							MADE GROUND: Brown and orangish brown sandy angular to subrounded fine to coarse GRAVEL of sandstone. (QUARRY WASTE)	
							Quarry 'highwall' encountered at 439133.7, 410318.0.	
				1.20				
				2.50			Unable to excavate beyond 2.5m - refusal on sandstone bedrock.	
							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.								



				Trial Pit Log			Trialpit No TT15D Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439130.00 - 410319.00 Level:		Date 08/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.80				Scale 1:20	
Client: Fenwood Estates Limited								Logged LEW	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.60			MADE GROUND: Brown sandy gravelly CLAY. Gravel is angular to subrounded fine to coarse of sandstone. (QUARRY WASTE)		
							MADE GROUND: Dark grey and purplish red gravelly SAND. Gravel is angular to subangular fine to coarse of clinker, metal, brick and sandstone. (ASH & CLINKER)		
							MADE GROUND: Brown and orangish brown sandy angular to subrounded fine to coarse GRAVEL of sandstone. (QUARRY WASTE)		
							Quarry 'highwall' encountered at 439133.7, 410318.0.		
				1.40			Unable to excavate beyond 2.5m - refusal on sandstone bedrock.		
				2.80			End of pit at 2.80 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.									

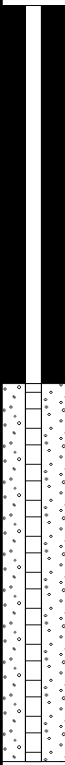
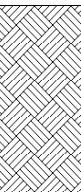
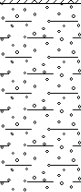
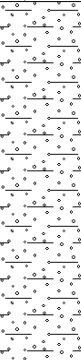


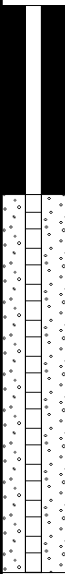
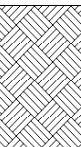
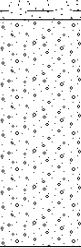
				Trial Pit Log			Trialpit No TT15E Sheet 1 of 1		
Project Name: Cudworth Parkway				Project No. 4674		Co-ords: 439125.06 - 410319.74 Level: 79.25		Date 08/04/2024	
Location: Barnsley				Dimensions (m): Depth 2.70			Scale 1:20		
Client: Fenwood Estates Limited							Logged LEW		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.40	78.85		MADE GROUND: Dark grey gravelly CLAY. Gravel is subangular fine to coarse of mudstone. (COHESIVE MADE GROUND)		
								MADE GROUND: Greyish brown sandy angular to subangular fine to coarse GRAVEL of mixed lithologies including brick, sandstone, concrete, clinker, plastic and metal. High cobble content of brick and concrete. (GRANULAR MADE GROUND)	
				1.20	78.05				MADE GROUND: Dark grey and purplish red gravelly SAND. Gravel is angular to subangular fine to coarse of clinker, metal, brick and sandstone. (ASH & CLINKER)
				2.70	76.55	Quarry 'highwall' encountered at 439133.7, 410318.0			
							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.									

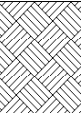
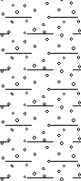


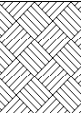
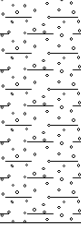
Appendix H

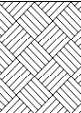
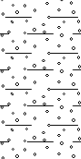
Window Sample Borehole Logs

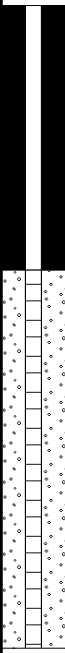
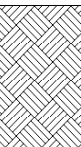
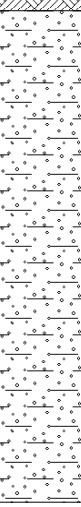
					Borehole Log			Borehole No. WS01 Sheet 1 of 1	
Project Name: Cudworth Parkway					Project No. 4674		Co-ords: 438861.53 - 410285.28		Hole Type WS
Location: Barnsley					Level: 80.50		Scale 1:20		
Client: Fenwood Estates Limited					Dates: 03/04/2024 - 03/04/2024		Logged By LB		
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50	80.00		Dark brown gravelly clayey fine to coarse SAND with occasional black organic fragments and abundant rootlets. Gravel is angular medium to coarse of sandstone. (TOPSOIL)	
					1.00	79.50		Light brown sandy clayey angular medium to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)	
								Dark brown sandy slightly clayey angular coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)	1
					2.00	78.50		Refused at 2.0m. End of borehole at 2.00 m	2
									3
									4
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.									

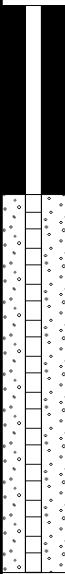
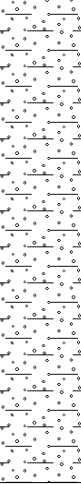
					Borehole Log			Borehole No. WS02 Sheet 1 of 1		
Project Name: Cudworth Parkway					Project No. 4674		Co-ords: 438809.69 - 410201.46		Hole Type WS	
Location: Barnsley					Level: 83.15		Scale 1:20		Logged By LB	
Client: Fenwood Estates Limited					Dates: 03/04/2024 - 03/04/2024					
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.40	82.75		Dark brown gravelly clayey fine to medium SAND. Gravel is angular medium to coarse of sandstone with rare glass. (TOPSOIL)	1	
					0.90	82.25		Light brown gravelly slightly clayey SAND. Gravel is angular medium to coarse of sandstone. (GRANULAR RESIDUAL SOIL)		
					1.50	81.65		Light brown sandy angular coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
	Refusal at 1.5m. End of borehole at 1.50 m								4	
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.										

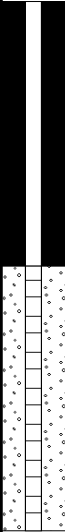
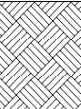
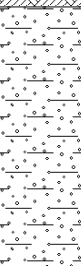
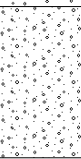
					Borehole Log			Borehole No. WS03 Sheet 1 of 1	
Project Name: Cudworth Parkway					Project No. 4674		Co-ords: 438890.82 - 410228.59		Hole Type WS
Location: Barnsley					Level: 83.85		Scale 1:20		
Client: Fenwood Estates Limited					Dates: 03/04/2024 - 03/04/2024		Logged By LB		
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30	83.55		Dark brown gravelly clayey fine to medium SAND with abundant rootlets. Gravel is angular fine to coarse of sandstone. (TOPSOIL)	1
					0.80	83.05		Orangish brown sandy clayey angular coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)	
							Refusal at 0.8m. End of borehole at 0.80 m		2
									3
									4
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.									

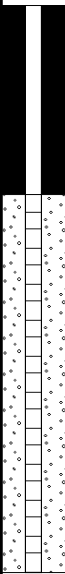
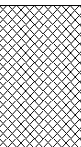
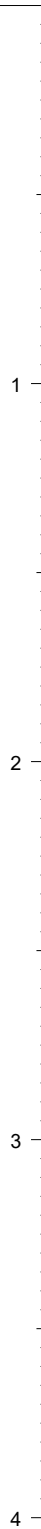
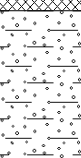
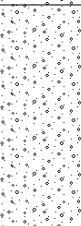
					Borehole Log			Borehole No. WS03A Sheet 1 of 1	
Project Name: Cudworth Parkway					Project No. 4674		Co-ords: 438893.08 - 410230.79		Hole Type WS
Location: Barnsley					Level: 83.75		Scale 1:20		
Client: Fenwood Estates Limited					Dates: 03/04/2024 - 03/04/2024		Logged By LB		
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30	83.45		Dark brown gravelly clayey fine to medium SAND with abundant rootlets. Gravel is angular fine to coarse of sandstone. (TOPSOIL)	1
					0.90	82.85		Brown sandy clayey angular coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)	
							Refusal at 0.9m. End of borehole at 0.90 m		2
									3
									4
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.									

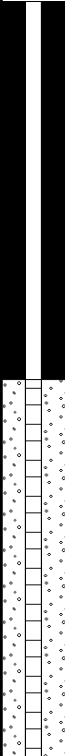
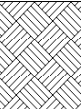
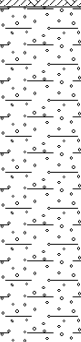
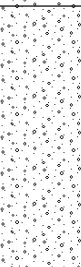
					Borehole Log			Borehole No. WS03B Sheet 1 of 1			
Project Name: Cudworth Parkway					Project No. 4674		Co-ords: 438888.48 - 410236.75		Hole Type WS		
Location: Barnsley					Level: 83.60		Scale 1:20		Logged By LB		
Client: Fenwood Estates Limited					Dates: 03/04/2024 - 03/04/2024						
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
					0.30	83.30		Dark brown gravelly clayey SAND with abundant rootlets. Gravel is angular fine to coarse of sandstone. (TOPSOIL)		1	
								Yellowish brown sandy clayey angular coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
					0.75	82.85		Refusal at 0.75m. End of borehole at 0.75 m			
										2	
										3	
										4	
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.											

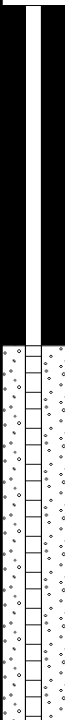
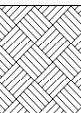
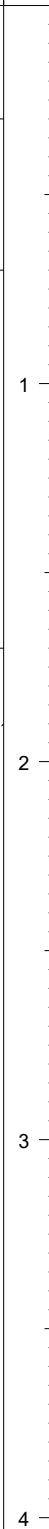
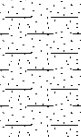
					Borehole Log			Borehole No. WS04 Sheet 1 of 1	
Project Name: Cudworth Parkway					Project No. 4674		Co-ords: 438913.87 - 410279.66		Hole Type WS
Location: Barnsley					Level: 81.40		Scale 1:20		Logged By LB
Client: Fenwood Estates Limited					Dates: 03/04/2024 - 03/04/2024				
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.40	81.00		Dark brown gravelly clayey fine to medium SAND with abundant rootlets. (TOPSOIL)	1
					1.70	79.70		Yellowish brown sandy clayey angular coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)	
								Refusal at 1.7m.	2
								End of borehole at 1.70 m	
									3
									4
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.									

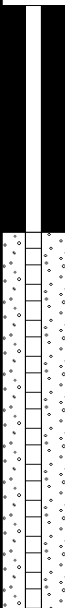
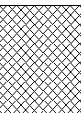
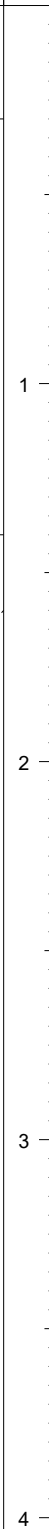
					Borehole Log			Borehole No. WS05 Sheet 1 of 1			
Project Name: Cudworth Parkway					Project No. 4674		Co-ords: 438971.64 - 410255.44		Hole Type WS		
Location: Barnsley					Level: 83.75		Scale 1:20		Logged By LB		
Client: Fenwood Estates Limited					Dates: 03/04/2024 - 03/04/2024						
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
					0.20	83.55		Dark brown gravelly clayey SAND with abundant rootlets. Gravel is angular medium to coarse of sandstone. (TOPSOIL)		1	
								Orangish brown sandy clayey angular medium to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
					1.50	82.25	Refusal at 1.5m. End of borehole at 1.50 m		2		
									3		
									4		
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.											

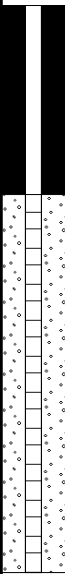
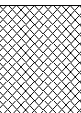
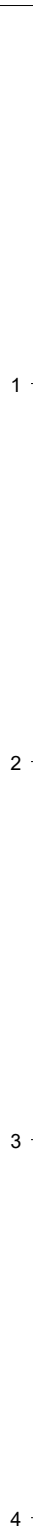
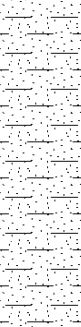
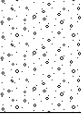
					Borehole Log			Borehole No. WS06 Sheet 1 of 1			
Project Name: Cudworth Parkway					Project No. 4674		Co-ords: 438940.62 - 410341.48		Hole Type WS		
Location: Barnsley					Level: 77.95		Scale 1:20		Logged By LB		
Client: Fenwood Estates Limited					Dates: 03/04/2024 - 03/04/2024						
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
					0.30	77.65		Dark brown gravelly clayey fine to medium SAND with abundant rootlets. Gravel is angular fine to coarse of coal and sandstone. (TOPSOIL)		1	
								Orangish brown sandy clayey angular fine to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
					1.00	76.95		Orangish brown sandy coarse angular GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
					1.40	76.55		Refusal at 1.4m. End of borehole at 1.40 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.											

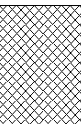
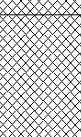
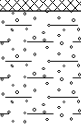
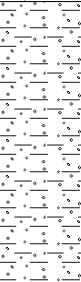
					Borehole Log			Borehole No. WS07 Sheet 1 of 1			
Project Name: Cudworth Parkway					Project No. 4674		Co-ords: 438978.02 - 410379.01		Hole Type WS		
Location: Barnsley					Level: 76.10		Scale 1:20		Logged By LB		
Client: Fenwood Estates Limited					Dates: 03/04/2024 - 03/04/2024						
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
					0.40	75.70		MADE GROUND: Dark brown slightly gravelly clayey fine to medium SAND. Gravel is fine to medium angular of coal, sandstone and pottery. (MADE GROUND TOPSOIL)			
					0.80	75.30		Yellowish brown sandy clayey coarse angular GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
								Yellowish brown sandy angular coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
					1.40	74.70		Weak yellowish brown fine SANDSTONE.			
					1.50	74.60		Recovered as sandy angular coarse gravel. (MEXBOROUGH ROCK)			
							Refusal at 1.5m. End of borehole at 1.50 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.											

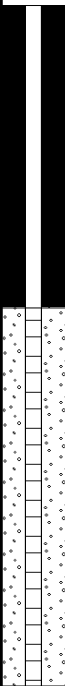
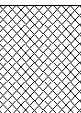
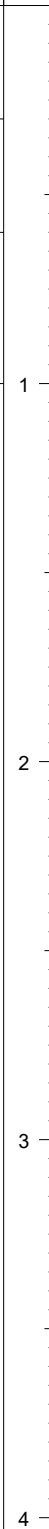
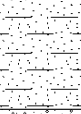
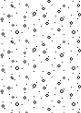
					Borehole Log			Borehole No. WS08 Sheet 1 of 1	
Project Name: Cudworth Parkway					Project No. 4674		Co-ords: 439000.45 - 410331.25		Hole Type WS
Location: Barnsley					Level: 79.45		Scale 1:20		
Client: Fenwood Estates Limited					Dates: 03/04/2024 - 03/04/2024		Logged By LB		
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30	79.15		Dark brown gravelly clayey fine to medium SAND with abundant rootlets. Gravel is fine to coarse angular of coal and sandstone. (TOPSOIL)	1
								Orangish brown sandy clayey angular coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)	
					1.20	78.25		Yellowish brown sandy coarse angular GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)	
					1.90 2.00	77.55 77.45		Stiff thinly laminated grey mottled orangish brown gravelly CLAY. Gravel is fine angular of mudstone. (COHESIVE RESIDUAL SOIL)	
Refusal at 2.0m. End of borehole at 2.00 m									2
									3
									4
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. WS09 Sheet 1 of 1			
Project Name: Cudworth Parkway					Project No. 4674		Co-ords: 439024.64 - 410268.21		Hole Type WS		
Location: Barnsley					Level: 83.85		Scale 1:20		Logged By LB		
Client: Fenwood Estates Limited					Dates: 03/04/2024 - 03/04/2024						
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
					0.30	83.55		Dark brown slightly gravelly clayey SAND with abundant rootlets. Gravel is fine to coarse angular of coal and sandstone. (TOPSOIL)			
					0.70	83.15		Orangish brown gravelly clayey fine to medium SAND. Gravel is medium to coarse angular of sandstone. (GRANULAR RESIDUAL SOIL)			
					1.70	82.15		Yellowish brown sandy angular coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
					1.90	81.95		Very stiff thinly laminated orangish brown mottled grey slightly sandy silty CLAY. (COHESIVE RESIDUAL SOIL)			
								Refusal at 1.9m. End of borehole at 1.90 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. WS10 Sheet 1 of 1		
Project Name: Cudworth Parkway					Project No. 4674		Co-ords: 439048.57 - 410323.56		Hole Type WS	
Location: Barnsley					Level: 79.65		Scale 1:20			
Client: Fenwood Estates Limited					Dates: 04/04/2024 - 04/04/2024		Logged By LB			
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.30	79.35		MADE GROUND: Dark brown slightly gravelly clayey SAND with abundant rootlets. Gravel is fine to coarse angular of coal and pottery. (MADE GROUND TOPSOIL)		
								Orangish brown gravelly slightly clayey fine to medium SAND. Gravel is angular fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL)		
					1.40	78.25				Yellowish brown sandy angular medium to coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)
					1.60	78.05		Refusal at 1.6m.		
End of borehole at 1.60 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. WS11 Sheet 1 of 1		
Project Name: Cudworth Parkway					Project No. 4674		Co-ords: 439034.73 - 410386.09		Hole Type WS	
Location: Barnsley					Level: 75.40		Scale 1:20		Logged By LB	
Client: Fenwood Estates Limited					Dates: 04/04/2024 - 04/04/2024					
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.30	75.10		MADE GROUND: Dark brown slightly gravelly very clayey fine SAND with abundant rootlets. Gravel is fine to coarse angular of coal, clinker and pottery. (MADE GROUND TOPSOIL)		
					1.20	74.20		Orangish brown gravelly clayey fine to medium SAND. Gravel is angular fine to coarse of sandstone. (GRANULAR RESIDUAL SOIL)		
					1.50	73.90		Yellowish brown sandy fine to coarse angular GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
							Refusal at 1.5m.		End of borehole at 1.50 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.										
										

					Borehole Log			Borehole No. WS12 Sheet 1 of 1			
Project Name: Cudworth Parkway					Project No. 4674		Co-ords: 439151.06 - 410403.61		Hole Type WS		
Location: Barnsley					Level: 74.40		Scale 1:20		Logged By LB		
Client: Fenwood Estates Limited					Dates: 04/04/2024 - 04/04/2024						
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
					0.35	74.05		MADE GROUND: Dark brown slightly gravelly very clayey fine SAND with abundant rootlets. Gravel is angular fine to coarse of plastic, glass, brick, pottery and sandstone. (MADE GROUND TOPSOIL)		1 2 3 4	
					0.70	73.70		MADE GROUND: Brown slightly gravelly very clayey fine to medium SAND. Gravel is angular fine to medium of sandstone and coal. (GRANULAR MADE GROUND)			
					1.00	73.40		Orangish brown sandy clayey coarse angular GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)			
								Very stiff orangish mottled grey slightly sandy slightly gravelly silty CLAY. (COHESIVE RESIDUAL SOIL)			
					1.80	72.60		Refusal at 1.8m. End of borehole at 1.80 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. WS13 Sheet 1 of 1		
Project Name: Cudworth Parkway					Project No. 4674		Co-ords: 439101.76 - 410394.82		Hole Type WS	
Location: Barnsley					Level: 74.85		Scale 1:20			
Client: Fenwood Estates Limited					Dates: 04/04/2024 - 04/04/2024		Logged By LB			
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.30	74.55		MADE GROUND: Brown slightly gravelly very sandy CLAY. Gravel is fine to coarse angular of coal and sandstone. (MADE GROUND TOPSOIL)		
					0.60	74.25		Orangish brown gravelly clayey fine to medium SAND. Gravel is angular fine to medium of sandstone. (GRANULAR RESIDUAL SOIL)		
					1.00	73.85		Yellowish brown sandy slightly clayey angular coarse GRAVEL of sandstone. (GRANULAR RESIDUAL SOIL)		
					1.80	73.05		Very stiff thinly laminated orangish brown mottled grey slightly sandy silty CLAY. (COHESIVE RESIDUAL SOIL)		
								Refusal at 1.8m. End of borehole at 1.80 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.										