

**REMEDiation VERIFICATION
REPORT
FOR
FORMER BATTLE OF BRITAIN
SITE, COLDHARBOUR ROAD,
NORTHFLEET**



REPORT STATUS SHEET

Client:	Simply Develop UK Ltd
Report Title:	Remediation Verification Report for Former Battle of Britain Site, Coldharbour Road, Northfleet
Report Number:	AG3571A-25-AU84
Report Status:	Validated Issue 1
Date:	February 2026



		Date	Signed for and on behalf of Applied Geology Ltd
Report Author	C Ellis BEng (Hons) FGS ACSM Lead Project Geologist	17/02/2026	
Checked & Authorised	J B Cartwright BEng (Hons) MSc FGS Managing Director	17/02/2026	

CONTENTS

1.0	INTRODUCTION AND BACKGROUND INFORMATION.....	1
2.0	SITE DETAILS	1
2.1	Site Location and Description	1
2.2	Project Details	2
3.0	REMEDIATION WORKS.....	2
3.1	Identified Soil Contamination	2
3.2	Remediation Strategy.....	2
3.3	Unexpected Contamination	3
4.0	VERIFICATION	3
4.1	Cover Layer Validation.....	3
4.2	Ongoing Monitoring	6
5.0	SITE CONDITION AT END OF CONSTRUCTION PHASE.....	6
6.0	THIRD PARTY CONTACTS.....	6
6.1	Consultees	6
6.2	Site Visits by Regulators	6
6.3	Third Party Agreements	6
7.0	SUPPORTING INFORMATION.....	6
7.1	Plans, Drawings and Photographs.....	6
7.2	Test Results	6

GENERAL NOTES

APPENDICES

APPENDIX A

DRAWINGS

- Site Location Plan, Dwg No. AG3571-23-01
- 2023 Investigation Exploratory Hole Plan, Dwg No. AG3571-23-02
- Topsoil Sampling Plan, Dwg No. AG3571A-25-02
- Site Plan as Proposed, Dwg No. 2271-00-005 Rev AD, by Convery Prenty Shields Architects dated December 2025

APPENDIX B

ASBESTOS REMOVAL DOCUMENTATION

- ASC Contracts Ltd Hazardous Waste Regs 2005 Consignment Note
- NRS Environmental Ltd Weighbridge Ticket

APPENDIX C

BARRIER PIPE DETAILS AND TOPSOIL DELIVERY TICKETS

- Proposed Site Plan – Site Water Mains Layout, Dwg no. M-00-EX(90)001 rev A dated April 2025, by Charles Scott & Partners (includes barrier pipe route and construction details)
- Barrier Pipe Delivery Note
- Topsoil Delivery Tickets

APPENDIX D

SITE DIARIES & ADDITIONAL EVIDENCE

- Applied Geology Site Visit Reports
- Photographs of additional pits undertaken by Simply Develop UK Ltd

APPENDIX E

LABORATORY TEST RESULTS AND COVER LAYER TESTING SUMMARY SHEET

- SLC-1440SA – Freeland Horticulture Ltd
- i2 Analytical Reports:
 - 26-002333-1
 - 26-003921-1
- Cover Layer Results Summary Sheet

1.0 INTRODUCTION AND BACKGROUND INFORMATION

Land off Coldharbour Road/New House Lane in Northfleet (the site) is currently being developed as a new residential care home by Simply Develop UK Ltd (the Client).

Applied Geology has previously undertaken several phases of works on the site. An initial combined Phase I desk study and Phase II ground investigation was undertaken, on behalf of Frontier Estates Ltd, in August 2021 and reported in October 2021 (ref: AG3309-21-AN17). Applied Geology was subsequently instructed by Frontier Estates Ltd to undertake supplementary soakaway testing in compliance with BRE Digest 365 methodology. The findings of this investigation were reported in October 2022 (ref: AG3309A-22-AP31). In December 2023, Applied Geology was appointed by the Client to undertake a targeted investigation in order to supplement the previous information within the new proposed basement area. The findings of the supplementary works along with the previous investigation was reported in report ref AG3571-23-AR62 dated February 2024.

The investigations identified the presence of localised elevated concentrations of PAH and TPH within the upper granular Made Ground, beneath surface asphalt along the north-western, northern and north-eastern boundaries of the site. The contamination was considered likely to be due to from spills/leakages as these areas of the site were used as car parking for the former Public House or associated with leaching from the overlying asphalt.

The site was assessed as having a low risk to Controlled Waters and no further action was required in this regard. Ground gas monitoring also undertaken at the site during the 2023 ground investigation did not indicate any elevated ground gas or volatiles and as such gas protection measures were not considered required for the proposed development. The site is not at risk of Radon ground gas.

A Remediation Strategy was subsequently prepared for the site by Applied Geology Ltd in December 2025, as report reference AG3571A-25-AU83. This was submitted to the Local Authority for approval. The remediation works were considered necessary in order to protect future occupants and staff of the care home from identified concentrations of contaminants in soils.

This report presents a summary of the remediation works undertaken during the development including the installation of a clean cover layer of imported Topsoil and has been drafted with the intention of discharging Condition 7e and Condition 23 of Planning Application No. 20221251.

This report has been prepared in accordance with the Land Contamination Risk Management (LCRM) Stage 3 Remediation and Verification guidance by the Environment Agency.

2.0 SITE DETAILS

2.1 Site Location and Description

The site is located at 8 Coldharbour Road, Northfleet approximately 2km southwest of Gravesend town centre. The Ordnance Survey grid reference for the centre of the site is 563662, 172272 as shown on the Site Location Plan in Appendix A.

The site is approximately rectangular in plan shape with dimensions of approximately 70m by 50m (0.35Ha) and is relatively flat topographically at c. 40m to 41m AOD. The site then falls from an elevation of c. 40m to c. 38m AOD in the north of the site, suggesting there has been some cut to accommodate New House Lane to the north.

At the time of the previous investigation in January 2024 the site comprised a disused parcel of land. The northern margin and eastern half of the site was surfaced with asphalt hardstanding whilst overgrown vegetation was present across the remainder of the site. It is understood the site was formerly a public house and car park.

2.2 Project Details

The proposals for the site comprise the construction of a new 3 to 4 storey care home (Class C2) with associated car parking, access road and soft landscaping. A basement/undercroft is also located under the north-eastern wing of the care home. The layout of the proposed development is detailed on Dwg No. 2271-00-005 Rev AD by Convery Prenty Shields Architects dated 12th December 2023 and most recently updated on the 2nd December 2025. A copy of this drawing is presented in Appendix A.

Details of organisations involved and their roles are as follows:

Landowner	Simply Develop UK Ltd
Principal Contractor	Simply Develop UK Ltd
Geo-environmental/ Geotechnical Consultant	Applied Geology Ltd
Local Authority	Gravesham Borough Council - Environmental Health team

3.0 REMEDIATION WORKS

3.1 Identified Soil Contamination

The investigations identified the presence of localised elevated concentrations of PAH and TPH within the upper granular Made Ground, beneath surface asphalt along the north-western, northern and north-eastern boundaries of the site. Aromatic TPH fractions C21-C35 were identified in the top 0.2m of Made Ground with concentrations of 5,000mg/kg and 3,200mg/kg in TP3 and TP4 respectively. Exceedances of up to five PAH compounds were also recorded in seven (out of fourteen) samples tested, comprising six samples from between 0.1m and 0.3m of Made Ground and one sample of shallow natural soils from 0.3m below ground level (bgl).

3.2 Remediation Strategy

The objectives of the Discovery and Remediation Strategy were:

- To ensure the site condition is suitable for the proposed future use, in this case a residential care home;
- To fulfil regulatory requirements in order to satisfy Planning Conditions, specifically Condition 7e and 23 of Planning Application No. 20221251.

The Remediation Strategy proposed the following works:

Groundworks Phase:

- A 'watching brief' to be maintained during groundworks and removal of old floor slabs by the main contractor for any signs of previously unidentified contamination.

Construction Phase

- Installation of barrier pipes for new water supply;
- Installation of a cover layer system comprised of 'clean' imported subsoil and topsoil in communal gardens and soft landscaping areas.

Applied Geology was employed by the Client to undertake validation of placement of the topsoil in the soft landscaped areas during the construction phase.

3.3 Unexpected Contamination

As part of the groundworks at the site a large area of cut was undertaken in the northern part of the site to create the required levels for the basement/undercroft and to regrade the site access road adjoining New House Lane which is at a lower elevation. A watching brief was maintained by the Contractor and it is understood that some buried asbestos sheeting was encountered during these works. Specialist waste management Contractor ASC Contracts Ltd was employed to remove the asbestos materials from the site and 18,000kg of material was removed and taken to NRS Environmental Ltd in Meriden. The site manager reported that this included broken up asbestos sheeting, (assumed to be mainly chrysotile cement sheeting) and surrounding impacted soils and likely came from buried demolition waste from old structures on or from off site and dumped. The associated consignment note and weighbridge ticket are presented in Appendix B.

In addition, the area of cut also resulted in the shallow Made Ground being removed from site from the northern area of the site where the highest concentrations of TPH and some PAH were encountered. Applied Geology was not informed of the works at the time and as such the soil removal was not validated by Applied Geology, but it was evident during the first site visit that the levels had been reduced.

It is understood that no additional unexpected contamination was encountered during the rest of the groundworks or construction phase.

4.0 VERIFICATION

4.1 Cover Layer Validation

The construction phase remedial works included the installation of a site wide cover layer in areas of soft landscaping, in order to prevent the pathway between localised exceedances of TPH and PAH encountered within the Made Ground at the site and the future end users of the site. The cover layer was required to comprise suitable 'clean' imported material, complying with the Topsoil/Subsoil Import Criteria outlined within the Remediation Strategy and Verification Plan and BS3882:2015 Specification for Topsoil and to be at least 300mm thick for communal gardens and soft landscaped areas.

4.1.1 Source Materials for Cover Layer

The soils imported to construct the cover layer comprised screened Topsoil in accordance with BS EN 3882 provided by Enviro Site Solutions Ltd and was sourced at a donor site at 'Bat & Ball', Sevenoaks. Topsoil delivery tickets have been provided from site and are presented in Appendix C. A Topsoil Analysis Report from the donor site was also provided, undertaken by Freeland Horticulture Ltd ref SLC-1440-SA and a copy of the report is presented in Appendix E. This comprised testing of one composite sample taken from 10 sample locations from stockpile of topsoil located at the donor site.

Across the care home site a total of c. 390m³ of Topsoil has been imported and placed for the cover layer.

In accordance with the Remediation Strategy, 1no. sample per 50m³ of Topsoil/Subsoil was required for testing to validate the material, giving a total requirement of 8no. samples. One composite sample was tested from the donor site and a total of 8no. samples were obtained of the cover layer material in situ after placement, to ensure its suitability. A total of 9 samples have been tested, hence meeting the requirements of the Remediation Strategy.

4.1.3 Cover Layer Validation Site Visits

Two site visits were undertaken by an Applied Geology representative towards the end of the construction phase to validate the cover layer. The site diaries, including selected photos and plans, are presented in Appendix D.

The purpose of the site visits was to undertake hand dug pits in soft landscaped areas to confirm the depth of the cover layer installation and obtain samples of the Topsoil for laboratory testing at the required minimum frequency of 1 per 50m³ of imported soils. Hand dug pits locations were distributed roughly evenly across the soft landscaped areas but were subject to the progress on site during each visit. A summary of each site visit is included below:

- **Site Visit 1: 15th January 2026** - Validation of completed flower beds and soft landscaping mainly including the central communal garden, the southwest area of the site, northeast boundary and near site entrance in the northwest. A total of 14no. validation pits was excavated and 4no. samples were obtained for validation testing;
- **Site Visit 2: 26th January 2026** - Validation of remaining soft landscaping, mainly along the southwest and northwest boundaries. 4no. samples obtained for validation testing.

The locations of the validation pits are shown on the Topsoil Validation Pit Location Plan (Dwg No. AG3571A-25-02) a copy of which is presented in Appendix A.

The findings of the hand dug pits are summarised in the table below:

Location*	Sample Taken & Tested	Thickness of Cover Layer (mm)	Requirements Met?
TS01	#0.1m	420	Y
TS02		300	Y
TS03		300	Y
TS04	#0.2m	350	Y
TS05		300	Y
TS06		300	Y
TS07		300	Y
TS08		300	Y
TS09		300	Y
TS10		300	Y
TS11	#0.25m	300	Y
TS12	#0.15m	300	Y
TS13	#0.1m	400	Y
TS14	#0.2m	300	Y
TS15		300	Y
TS16		300	Y
TS17		350	Y
TS18		350	Y
TS19		300	Y
TS20		300	Y
TS21		300	Y
TS22		300	Y
TS23	#0.3m	400	Y
TS24		300	Y
TS25	#0.2m	300	Y

The excavation of the hand dug pits has confirmed the cover layer achieved at least the minimum thickness of 300mm in all pit locations. Upon completion of the second site visit, there were two areas left where the topsoil had not yet been installed: the northwest landscaped area by the site entrance and along the southeast boundary. A request was made to Simply UK to provide evidence that these areas had been laid with topsoil to the correct thickness. Photographs of four additional pits showing topsoil placed to a minimum of 300mm were provided including two pits undertaken in the northwest area of the site and two pits undertaken along the boundary with Saint Clements Close. Therefore, Applied Geology is satisfied that the cover layer has been installed correctly, in accordance with the remediation strategy. A copy of the photographs is provided in Appendix D.

4.1.4 Chemical Laboratory Testing

8No soil samples were sent for chemical testing to check the topsoil for suitability. The results have been screened against the Topsoil Screening Criteria as set out in the Remediation Strategy. A copy of the test results and the screening data sheet have been included in Appendix E.

The results have not recorded any exceedances of the Topsoil Screening Criteria with the majority of determinants recorded below the limit of detection.

Supply tickets state that the supplied topsoil complied with BS3882 requirements and the Freeland Horticultural Ltd test report from the donor site also confirmed suitability for use in accordance with BS3882 and was reported as a good quality Topsoil.

4.2 Ongoing Monitoring

Based on the works undertaken, no further site visits or ongoing monitoring are deemed to be required for the care home development.

5.0 SITE CONDITION AT END OF CONSTRUCTION PHASE

At the end of the Construction Phase, the care home had been constructed and all external landscaping completed. A cover layer had been installed in all soft landscaped areas which meets the requirements of the Remediation Strategy. No additional contamination was identified during construction. No further works across the care home site are considered necessary.

The verification report will need to be submitted to the Local Authority to fully discharge Condition 7e and 23 of the planning application.

6.0 THIRD PARTY CONTACTS

6.1 Consultees

Gravesham Borough Council - Environmental Health team.

6.2 Site Visits by Regulators

Applied Geology is not aware of any site visits by Regulators during these works.

6.3 Third Party Agreements

Applied Geology does not have any details of any covenants, wayleaves, warranties or environmental permits relating to the site.

7.0 SUPPORTING INFORMATION

7.1 Plans, Drawings and Photographs

Relevant plans relating to the works covered in this report are presented in Appendix A including a Site Location Plan (Dwg No. AG3571-23-01) and Exploratory Hole Plan from the 2023 Ground Investigation (Dwg No. AG3571-23-02), and the Topsoil Sampling Plan, Dwg No. AG3571A-25-02.

Selected site photographs, plans and records of each site visit are presented in the Site Diaries in Appendix D.

7.2 Test Results

Chemical tests results and associated screening sheet are included in Appendix E.

**Applied Geology Limited
The Old Barn
Church Farm
Fulbrook Lane
Sherbourne
Warwick
CV35 8AR**

Tel: 02476 511822

GENERAL NOTES

- A) This report is based on the site terrain and ground conditions revealed by the various field investigations undertaken and also any other relevant data for the site including previous site investigation reports (if available) and desk study data. There may be special conditions appertaining to the site, however, which have not been revealed by the investigations and which have not, therefore, been taken into account in the report. The report may be subject to amendment in the light of additional information becoming available.
- B) Where any data supplied by the Client or other external source has been used it has been assumed that the information is correct. No responsibility can be accepted by Applied Geology for inaccuracies within this data.
- C) The copyright of this report and other plans and documents prepared by Applied Geology is owned by Applied Geology and no such report, plan or document may be reproduced, published or adapted without the written consent of Applied Geology. Complete copies of the report may, however, be made and distributed by the Client as an expedient in dealing with matters related to its submission.
- D) This report is prepared and written in the context of the proposals stated in the introduction to the report and should not be used in a differing context. Furthermore, new information, improved practices and legislation may necessitate an alteration to the report in whole or in part after its submission. Therefore with any change in circumstances or after the expiry of one year from the date of the report, the report should be referred to Applied Geology for re-assessment and if necessary, re-appraisal.
- E) The work was undertaken and this report was prepared for the sole internal use and reliance of the Client. This report shall not be relied upon or transferred to any other parties without the express written authorisation of Applied Geology. If an unauthorised third party comes into possession of this report they rely on it at their peril and Applied Geology owes them no duty of care and skill.
- F) Ground conditions should be monitored during the construction of the works and the recommendations of the report re-evaluated in the light of this data by the supervising geotechnical or geo-environmental engineers.

APPENDIX A



Reproduced from the Ordnance Survey Map with permission of the Controller of His Majesty's Stationery Office, Crown Copyright* LICENCE No: AC0000850102

APPLIED GEOLOGY

The Old Barn, Church Farm
Fulbrook Lane
Sherbourne
Warwick
CV35 8AR

Tel: 02476 511822
email: admin@appliedgeology.co.uk

Client:

SIMPLY DEVELOP (UK) LTD

Project:

COLDHARBOUR ROAD, NORTHFLEET,
GRAVESEND

Drawn By:

KM

Checked By:

TL

Paper Size:

A4

Scale:

NTS

Date:

18.01.2024

NGR:

563646 172297

Title:

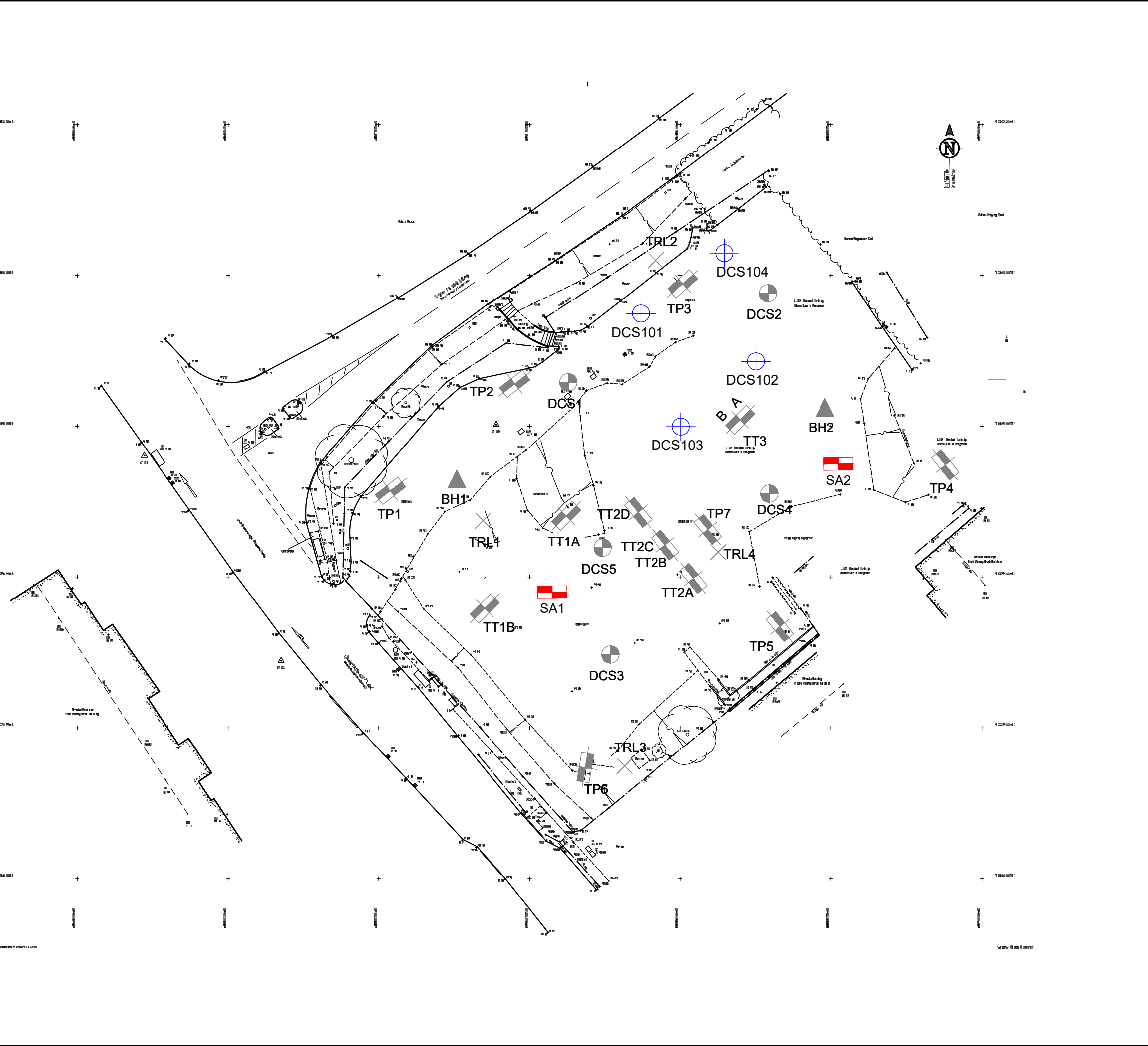
SITE LOCATION PLAN

Drawing No:

AG3571-23-01

Revision:

0



Key:

Investigation by Applied Geology 2024:

Driven Continuous Sampling Borehole
DCS101

Historical Investigation by Applied Geology 2022:

Trial Pit Soakaway
SA1

Historical Investigation by Applied Geology 2021:

Trial Pit
TP1

Driven Continuous Sampling Borehole
DCS1

Cone Penetration Test
BH1

Transport Research Laboratory
Dynamic Cone Penetrometer
TRL1

Trial Trenches
TT1

Drawing based on Survey Solutions drawing No: 18496se01 dated 26/10/2016.

APPLIED GEOLOGY
The Old Barn
Church Farm
Fulbrook Lane
Sherbourne
Warwick
CV34 8AR

Tel: 02476 511822
email: admin@appliedgeology.co.uk

Client:
SIMPLY DEVELOP (UK) LTD

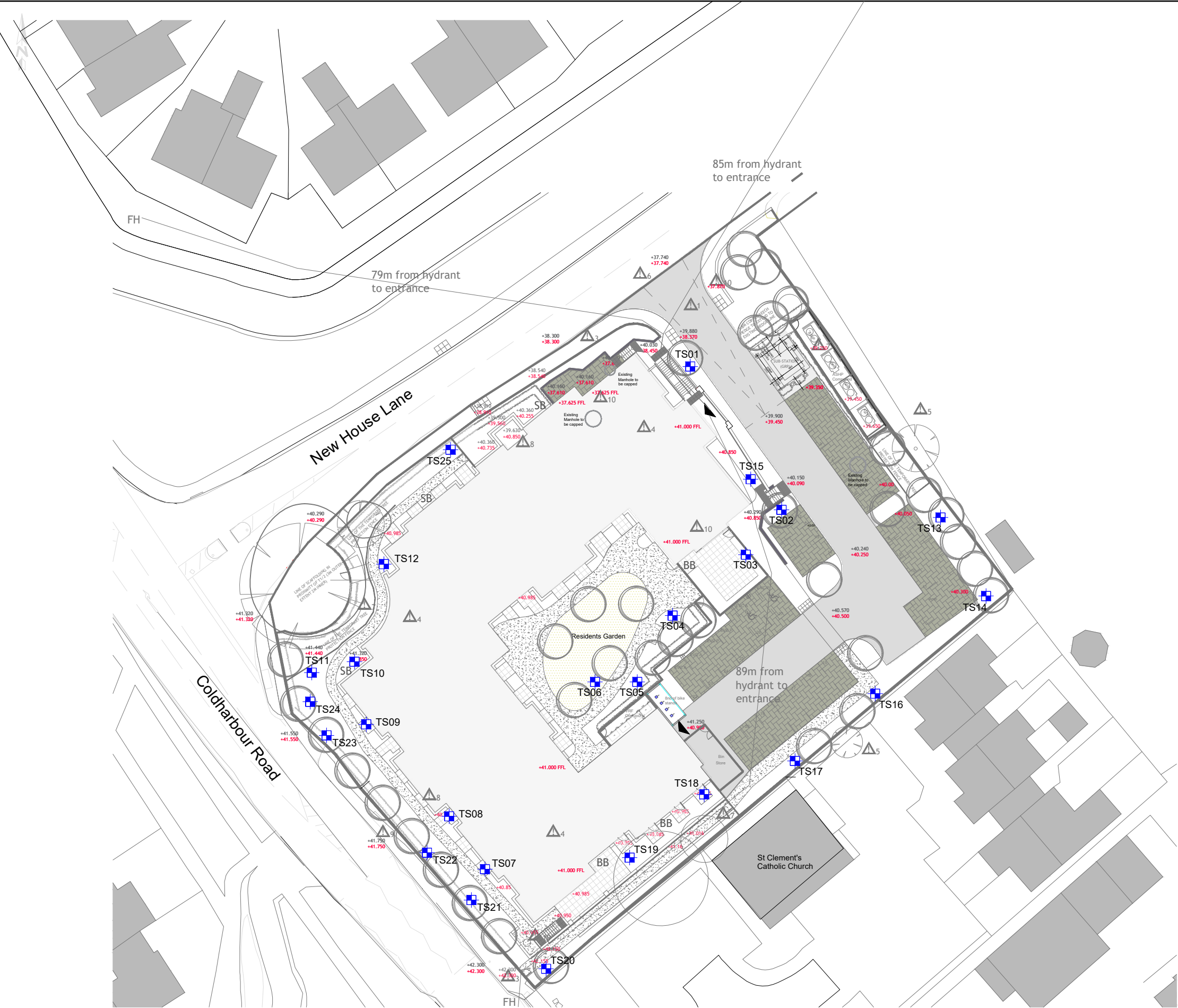
Project:
COLDHARBOUR ROAD, NORTHFLEET,
GRAVESEND

Title:
EXPLORATORY HOLE LOCATION PLAN

Drawn by: KM	Checked by: TL	Paper Size: A3
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Scale: 1:500	Date: 18/01/2024
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Drawing No: AG3571-23-02	Revision: 0
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Key:

Hand Dug Pit

TS01

Drawing based on Convery Prenty Shields Architects drawing No: 2271_00_005 Rev AD dated 20/12/2023.

APPLIED GEOLOGY

The Old Barn
Church Farm
Fulbrook Lane
Sherbourne
Warwick
CV35 8AR

Tel: 02476 511822
email: admin@appliedgeology.co.uk

Client:

SIMPLY DEVELOP UK LTD

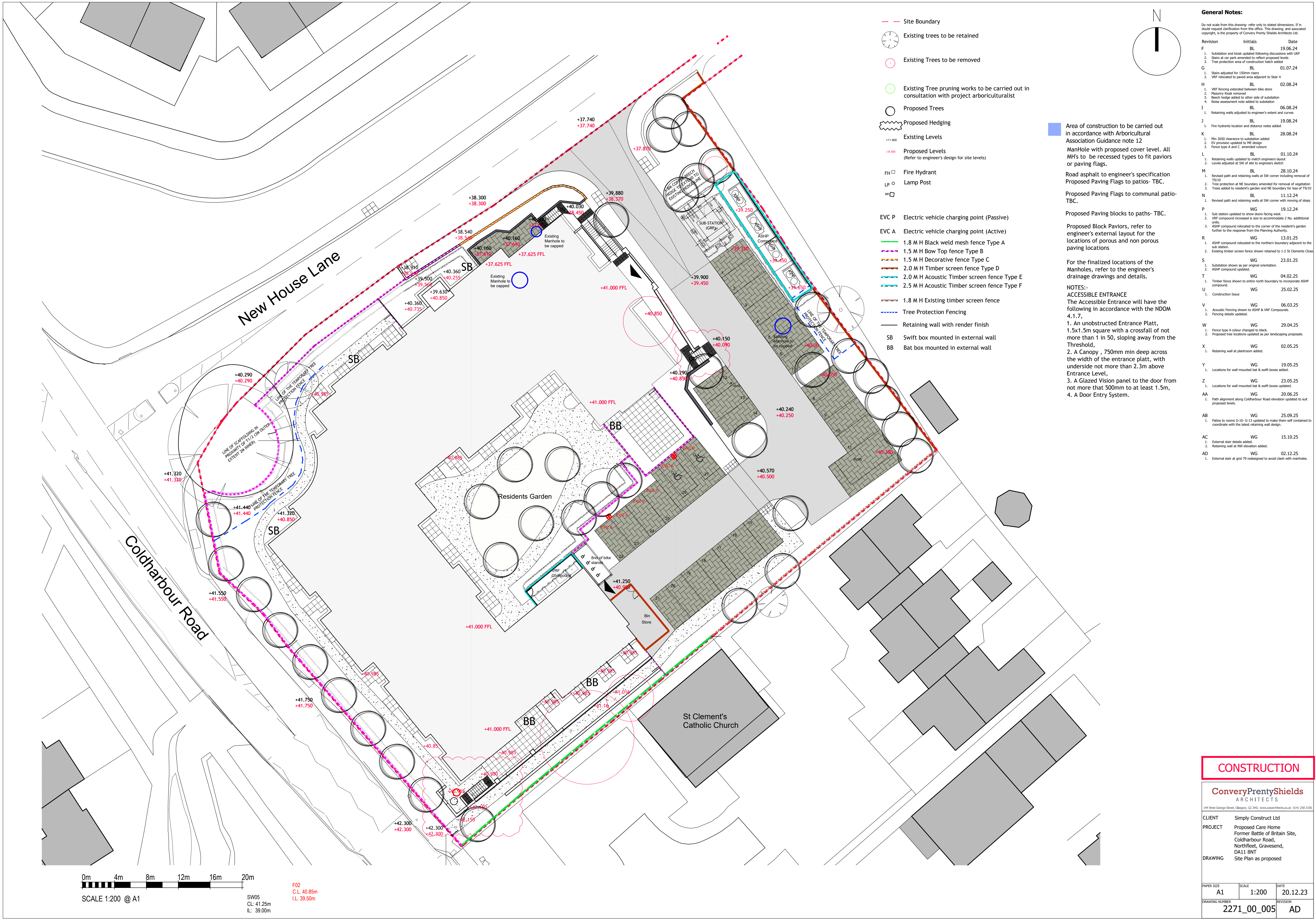
Project:

FORMER BATTLE OF BRITAIN SITE,
COLDHARBOUR ROAD, NORTHFLEET

Title:

TOPSOIL VALIDATION PLAN

Drawn by:	Checked by:	Paper Size:
KM	SM	A3
Scale:	Date:	
1:500	28/01/2026	
Drawing No:	Revision:	
AG3571A-25-02	0	



- Site Boundary
- Existing trees to be retained
- Existing Trees to be removed
- Existing Tree pruning works to be carried out in consultation with project arboriculturalist
- Proposed Trees
- Proposed Hedging
- Existing Levels
- Proposed Levels (Refer to engineer's design for site levels)
- Fire Hydrant
- Lamp Post
- EVC P Electric vehicle charging point (Passive)
- EVC A Electric vehicle charging point (Active)
 - 1.8 M H Black weld mesh fence Type A
 - 1.5 M H Bow Top fence Type B
 - 1.5 M H Decorative fence Type C
 - 2.0 M H Timber screen fence Type D
 - 2.0 M H Acoustic Timber screen fence Type E
 - 2.5 M H Acoustic Timber screen fence Type F
- 1.8 M H Existing timber screen fence
- Tree Protection Fencing
- Retaining wall with render finish
- SB Swift box mounted in external wall
- BB Bat box mounted in external wall

Area of construction to be carried out in accordance with Arboricultural Association Guidance note 12

ManHole with proposed cover level. All MH's to be recessed types to fit paviors or paving flags.

Road asphalt to engineer's specification

Proposed Paving Flags to patios- TBC.

Proposed Paving Blocks to paths- TBC.

Proposed Block Paviors, refer to engineer's external layout for the locations of porous and non porous paving locations

For the finalized locations of the Manholes, refer to the engineer's drainage drawings and details.

NOTES:-

ACCESSIBLE ENTRANCE

The Accessible Entrance will have the following in accordance with the NDM 4.1.7,

1. An unobstructed Entrance Platt, 1.5x1.5m square with a crossfall of not more than 1 in 50, sloping away from the Threshold,
2. A Canopy , 750mm min deep across the width of the entrance platt, with underside not more than 2.3m above Entrance Level,
3. A Glazed Vision panel to the door from not more than 500mm to at least 1.5m,
4. A Door Entry System.

General Notes:		
Do not scale from this drawing: refer only to stated dimensions. If in doubt request clarification from this office. This drawing, and associated copyright, is the property of Convery Prenty Shields Architects Ltd.		
Revision	Initials	Date
F	BL	19.06.24
1. Substation and kiosk updated following discussions with UKP		
2. Stairs at car park amended to reflect proposed levels		
3. Tree protection area of construction hatch added		
G	BL	01.07.24
1. Stairs adjusted for 150mm risers		
2. VRF relocated to paved area adjacent to Stair 4		
H	BL	02.08.24
1. VRF fencing extended between bike store		
2. Masonry Kiosk removed		
3. Beech hedge added to other side of substation		
4. Noise assessment note added to substation		
I	BL	06.08.24
1. Retaining walls adjusted to engineer's extent and curves		
J	BL	19.08.24
1. Fire hydrants location and distance notes added		
K	BL	28.08.24
1. Min 2050 clearance to substation added		
2. EV provision updated to HE design		
3. Fence type A and C amended colours		
L	BL	01.10.24
1. Retaining walls updated to match engineers layout		
2. Levels adjusted at SW of site to engineers sketch		
M	BL	28.10.24
1. Revised path and retaining walls at SW corner including removal of TW10		
2. Tree protection at NE boundary amended for removal of vegetation		
3. Trees added to resident's garden and NE boundary for loss of TW10		
N	BL	11.12.24
1. Revised path and retaining walls at SW corner with moving of steps		
P	WG	19.12.24
1. Sub station updated to show doors facing west.		
2. VRF compound increased in size to accommodate 2 No. additional units.		
3. ASHP compound relocated to the corner of the resident's garden further to the response from the Planning Authority.		
R	WG	13.01.25
1. ASHP compound relocated to the northern boundary adjacent to the sub station.		
2. Existing timber screen fence shown retained to 1-2 St Clements Close		
S	WG	23.01.25
1. Substation shown as per original orientation.		
2. ASHP compound updated.		
T	WG	04.02.25
1. Timber fence shown to entire north boundary to incorporate ASHP compound.		
U	WG	25.02.25
1. Construction Issue.		
V	WG	06.03.25
1. Acoustic Fencing shown to ASHP & VRF Compounds.		
2. Fencing details updated.		
W	WG	29.04.25
1. Fence type A colour changed to black.		
2. Proposed tree locations updated as per landscaping proposals.		
X	WG	02.05.25
1. Retaining wall at playroom added.		
Y	WG	19.05.25
1. Locations for wall mounted bat & swift boxes added.		
Z	WG	23.05.25
1. Locations for wall mounted bat & swift boxes updated.		
AA	WG	20.06.25
1. Path alignment along Coldharbour Road elevation updated to suit proposed levels.		
AB	WG	25.09.25
1. Patios to rooms G-10- G-13 updated to make them self contained to coordinate with the latest retaining wall design.		
AC	WG	15.10.25
1. External stair details added.		
2. Retaining wall at NW elevation added.		
AD	WG	02.12.25
1. External stair at grid 79 redesigned to avoid clash with manholes.		

CONSTRUCTION

ConveryPrentyShields
ARCHITECTS

144 West George Street, Glasgow, G2 2HG. www.cpsarchitects.co.uk 0141 258 3100

CLIENT	Simply Construct Ltd
PROJECT	Proposed Care Home Former Battle of Britain Site, Coldharbour Road, Northfleet, Gravesend, DA11 8NT
DRAWING	Site Plan as proposed

PAPER SIZE	SCALE	DATE
A1	1:200	20.12.23
DRAWING NUMBER	REVISION	
2271_00_005	AD	

APPENDIX B

PRODUCER'S / HOLDER'S / CONSIGNOR'S COPY (delete as appropriate)

PART A Notification Details

- 1 Consignment note code: **da1117r1ab30**
- 2 The waste described below is to be moved from (name, address, postcode, telephone, e-mail, facsimile):
Belbridge Development Site, C/o JSOR, Coldharbour Road, Gravesend, Kent DA11 7RJ.
- 3 Premises code (where applicable): **da1117r**

- 4 The waste will be taken to (name, address and postcode):
NRS Waste Care Limited, Meriden Quarry, Birmingham Road, Meriden, Coventry CV7 7JS.
- 5 The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):
Belbridge Development Site, C/o JSOR, Coldharbour Road, Gravesend, Kent DA11 7RJ.

PART B Description of the waste

For consignment notes used as follows

- 1 The process giving rise to the waste was:
Demolition & Site Clearance
- 2 SIC for the process giving rise to the waste: **43.1117**
- 3 WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Designation of waste	List of Wastes (EWC code) (if digests)	Quantity (kg)	The characteristic hazard components of the waste and their concentrations are:	Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
Soils & Stones Containing	1 7 0 5 0 3	18000kg	Asbestos	> 1%	Solid	HPT
Hazardous Substances						1 x Eight Wheel
						Tipper Lorry

The information below is to be completed for each EWC identified

EWC code	Packing group(s)	UN identification number(s)	Proper shipping name(s)	UN class(es)	Special handling requirements
1 7 0 5 0 3	Non Dangerous For	N/A	N/A	N/A	N/A
	Road Transport				

PART C Carrier's certificate

PART D Consignor's certificate

If more than one carrier is used, please attach separate for subsequent carriers. If a schedule of carriers is attached, tick here: ☐

I certify that I have collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

- 1 Driver name: ASC Contracts Limited -
On behalf of (name, address, postcode, telephone, e-mail, facsimile):
ASC Contracts Limited, Town Mills, Canlow Road, Rotherham S60 2JG

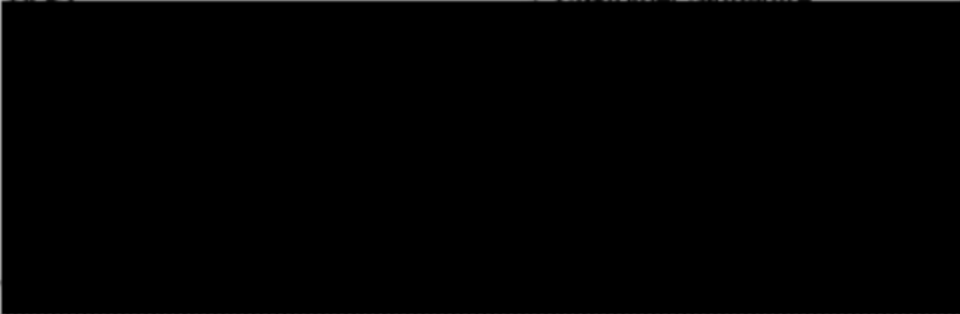
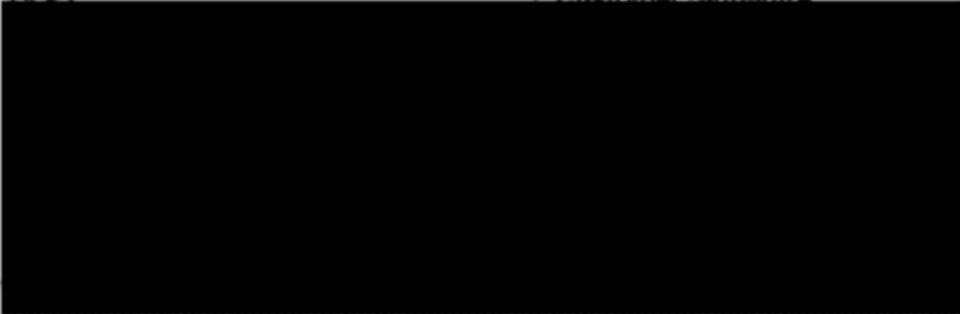
I certify that the information in A, B and C above is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

I confirm that I have fulfilled my duty to apply the Waste Hierarchy as required by Regulation 12 of the Waste Regulations 2011 (England and Wales).

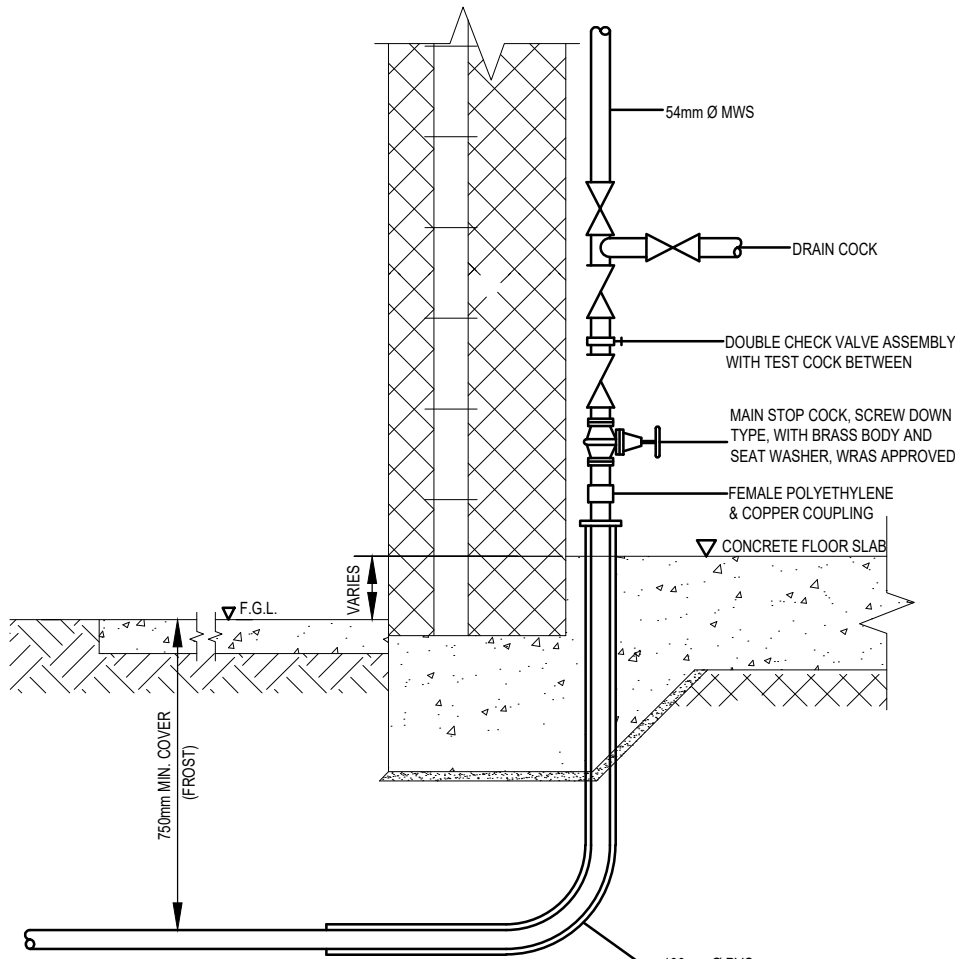
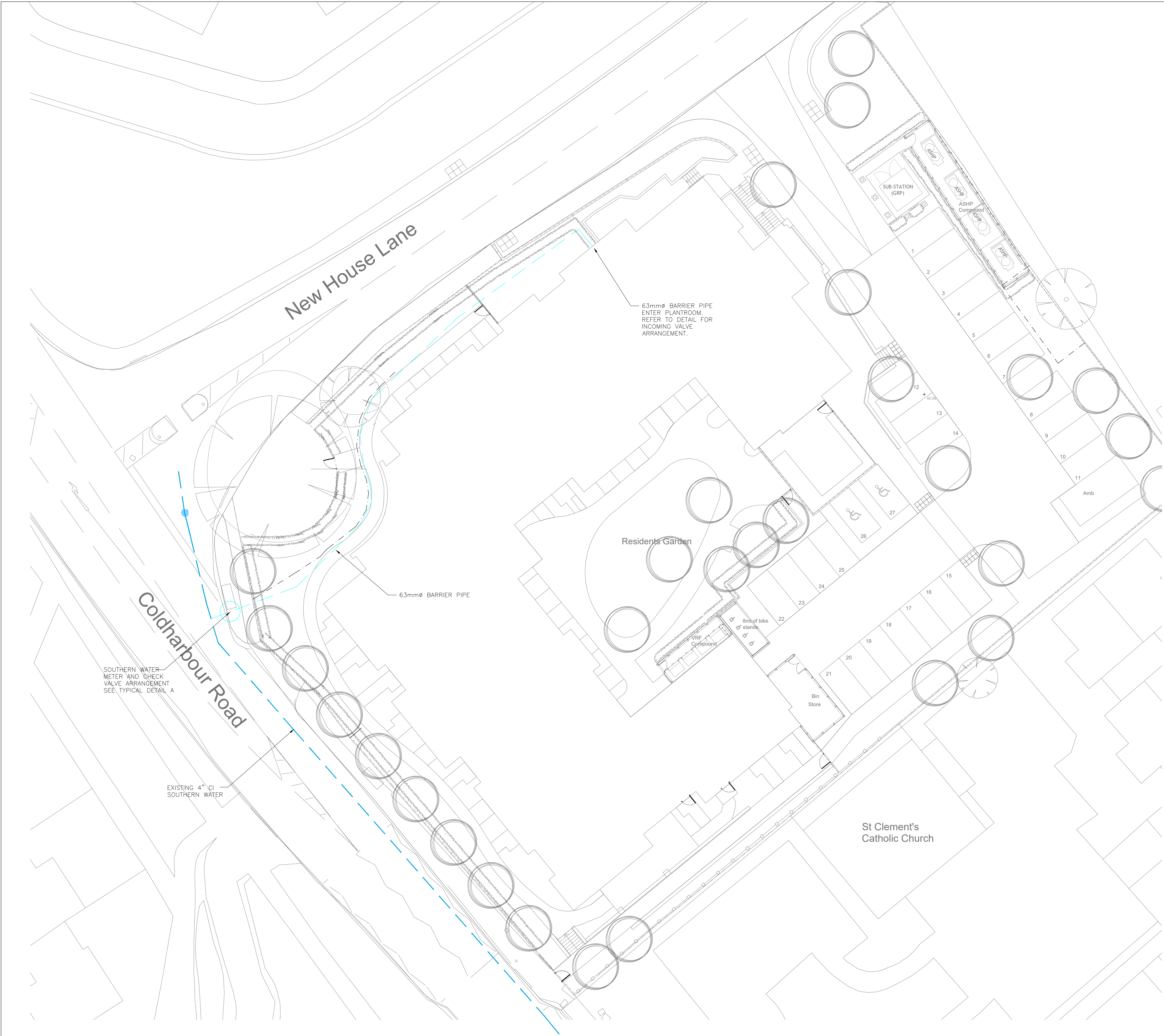
- 1 Consignor name: JSOR -
On behalf of (name, address, postcode, telephone, e-mail, facsimile):
Belbridge Development Site, C/o JSOR, Coldharbour Road, Gravesend.

PART E Consignee's certificate (this part of the consignment note is only to be completed if the consignment is collected by a carrier)

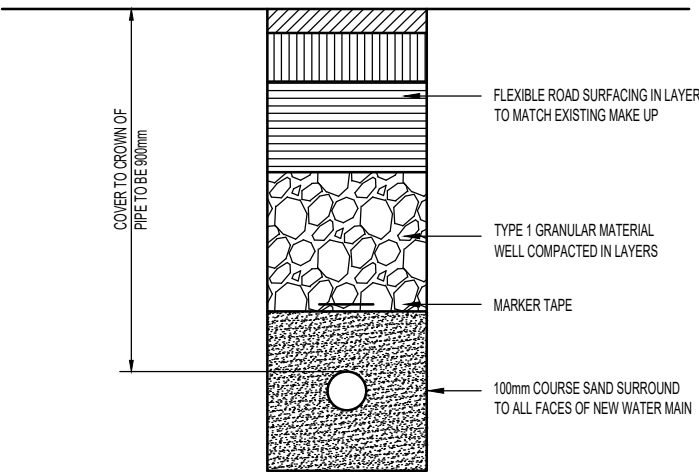
Individual EWC codes received	Quantity of each EWC code received (kg)	EWC code assigned/rejected	Waste management operation (R or D code)
1 7 0 5 0 3	16900	A	R13

			NRS Environmental Services Meriden Park Comets End Lane Meriden CV7 7LG	Weighbridge Ticket 29496 NRS Job No 49674	Office Copy Date 25/07/2024 Time 11:56
Account ASCC01 Name ASC Contracts Ltd PO No	Delivered From ColdHarbour Road - NorthFleet, ColdHarbour Road - NorthFleet, OALL 7RU Delivered to NRS Environmental Services Meriden Park Comets End Lane Meriden CV7 7LG			Haulier Mark Luck Registration GD18KLO	
Material Description 17 05 03* Soils and stones contaminated with Asbestos Remarks	Tare Weight 13100		Gross Weight 30000	Nett Weight 16900	
	Received By 			Customer Signature 	

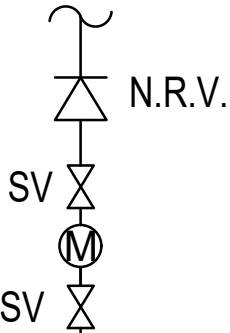
APPENDIX C



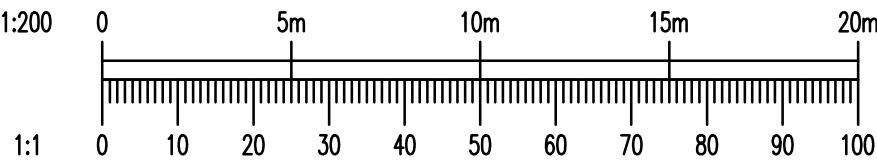
DETAIL A - INCOMING MAINS COLD WATER SERVICE DETAIL (N.T.S.)



TYPICAL WATER MAIN INSTALLATION WITHIN BITMAC ROAD SURFACED AREAS (N.T.S.)



DETAIL A - TYPICAL WATER CONNECTION DETAIL (N.T.S.)



- LEGEND:**
- Existing water main
 - Proposed new water main pipework from existing water main
 - Proposed electrical services route from UK Power Networks or approved IDNO. All onsite works to be completed by Simply UK.

- Location of existing hydrant
- DCV Double check valve
- Water Meter

GENERAL NOTES:

- IF THIS DRAWING HAS BEEN RECEIVED ELECTRONICALLY IT IS THE RECIPIENTS RESPONSIBILITY TO ENSURE THAT THE DOCUMENT IS PLOTTED TO THE CORRECT SCALE.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS STATED OTHERWISE.
- DO NOT SCALE FROM THIS DRAWING.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DOCUMENTATION & DRAWINGS / SCHEDULES.
- ALL PLANT & EQUIPMENT MUST BE ISSUED FOR APPROVAL PRIOR TO ORDER.
- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE LATEST EDITION OF THE IET WIRING REGULATIONS, BS 7671-18TH EDITION AND ALL SUBSEQUENT AMENDMENTS INCLUDING THE IET ON SITE GUIDE.
- THE CONTRACTOR MUST ENSURE THAT THE MECHANICAL & ELECTRICAL SERVICES ARE FULLY COORDINATED.

WATER NOTES:

- CONTRACTOR DESIGNED THRUST BLOCKS TO BE PROVIDED AT EACH CHANGE OF DIRECTION AND AT EVERY JUNCTION.
- MARKER TAPE TO BE INSTALLED AS PER THE TYPICAL DETAIL, ALONG ROUTE OF ALL NEW PIPEWORK.
- THE NEW SECTION OF PIPEWORK IS TO BE FLUSHED & DISINFECTED IN ACCORDANCE WITH SEVERN TRENT WATER REQUIREMENTS.
- ALL NEW WATER PIPEWORK, FITTINGS & FIXINGS TO BE INSTALLED IN ACCORDANCE WITH THE WATER REGULATIONS AND BYLAWS.
- PIPEWORK MATERIAL TO BE BARRIER (PE/AL/PE)
- FOR DETAILS OF MAJOR LEAK DETECTION SYSTEM REFER TO DRAWING [M-00-S\(53\)011](#)

A ISSUED FOR CONSTRUCTION		14/04/25	KM	NMcN
Rev.	Description	Date	Initials	Checked
Status CONSTRUCTION				
Client SIMPLY UK		CHARLES SCOTT & PARTNERS CONSULTING ENGINEERS </		

Delivery Note



Invoice To Customer: RGS003
R G Structures Limited
Unit 3 Abbots Business Park
Primrose Hill
Kings Langley
HERTFORDSHIRE
WD4 8FR
United Kingdom

Deliver to:
R G Structures Limited
Coldharbour Road
Northfleet
Gravesend
KENT
DA11 7RU
United Kingdom

Site Information:

Jason
07713 197262

Del Note Number	Ord Number	Date	Linked PO Number	Your Order Ref	Delivery Method	Taken By	Page
SO0136728/1	SO0136728	29/09/2024		100	Delivery	Lewis Keeble	1/1

Item Code	Description	Quantity Delivered	Quantity Ordered	Quantity Outstanding	Unit
44659311	PROTECTA-LINE Barrier Pipe: 63mm x 50m Coil 12.5 Bar/ PE80/ SDR11	1	1	0	Each
44115311	PROTECTA-LINE 90deg Elbow: 63mm	2	2	0	Each

Items Listed below will follow as soon as Available

Item Code	Description	Quantity Delivered	Quantity Ordered	Quantity To follow	Unit
44512311	PROTECTA-LINE Barrier Pipe: 63mm x 6m 12.5 Bar/ PE80/ SDR11	0	2	2	Each
44100311	PROTECTA-LINE Coupler: 63mm	0	1	1	Each

Company:

Accepted By:

Name:

Non Delivery or discrepancies must be notified within 3 days of receipt of invoice otherwise claims cannot be accepted.

Subject to Terms and Conditions. Copies available on request

The company cannot be held responsible for any damage to private property by our vehicles when delivering goods off the public road to customer's instructions.

Drivers Signature:

Print Name:

Covers	Bags	Boxes	Pipes	Coils	Pallets	Loose
	1			1		

VAT Reg. 101162384 E. & O. E.
Company Reg No. 07133601

H. Sivyer Transport
LTD T/A Holcim UK
3 Herringham Road
Charlton
London
SE7 8NJ

Tel: 0208 778 1384
Fax: 0208 659 3185
Email: orders.recycling@holcim.co.uk
Web: www.holcim.co.uk



Proof of Delivery

v3

Ticket No: 1561665/1

Driver: JUNIOR WEIR
Vehicle Reg: KY21HXT

Job Date: 05/01/26
Customer: ENVIRO SITE SOLUTIONS LTD
Acc Code: ENV003
Order Number: AK0501

Remarks/Special Instructions:

Date: 05/01/2026 Arrive:13:02 Depart:13:07

Address: ESS C/O BELBRIDGE STRUCTURES
COLDHARBOUR ROAD
GRAVESEND
DA11 7RU

PRODUCTS DELIVERED

QUANTITY	UNIT	PRODUCT
1.00	LOAD	TRU GROW (BS3882)

Chargeable Waiting time: -mins

The above job has been completed satisfactorily. All materials supplied Conform to the required standards.

Customers ordering vehicles off the public highway do so at their own risk.

Please note waiting time is chargeable after 20 minutes on site

Collection Signature:

Delivery Signature



Print: weighbridge

Print: Loni

H. Sivyer Transport
LTD T/A Holcim UK
3 Herringham Road
Charlton
London
SE7 8NJ

Tel: 0208 778 1384
Fax: 0208 659 3185
Email: orders.recycling@holcim.co.uk
Web: www.holcim.co.uk



Proof of Delivery

v3

Ticket No: 1561666/1

Job Date: 05/01/26

Customer: ENVIRO SITE SOLUTIONS LTD

Acc Code: ENV003

Order Number: AK0501

Driver: DANNY POORE

Vehicle Reg: KY73JWN

Remarks/Special Instructions:

Date: 05/01/2026 Arrive:13:59 Depart:14:19

Address: ESS C/O BELBRIDGE STRUCTURES
COLDHARBOUR ROAD
GRAVESEND
DA11 7RU

PRODUCTS DELIVERED

QUANTITY	UNIT	PRODUCT
1.00	LOAD	TRU GROW (BS3882)

Chargeable Waiting time: -mins

The above job has been completed satisfactorily. All materials supplied Conform to the required standards.

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Please note waiting time is chargeable after 20 minutes on site

Collection Signature:

Print: luke

Delivery Signature

Print: Ioni

H. Sivyer Transport
LTD T/A Holcim UK
3 Herringham Road
Charlton
London
SE7 8NJ

Tel: 0208 778 1384
Fax: 0208 659 3185
Email: orders.recycling@holcim.co.uk
Web: www.holcim.co.uk



Proof of Delivery

v3

Ticket No: 1562068/1

Job Date: 07/01/26

Customer: ENVIRO SITE SOLUTIONS LTD

Acc Code: ENV003

Order Number: PO-AK0601

Driver: PAUL BARTON

Vehicle Reg: KS18JHK

Remarks/Special Instructions:

Date: 07/01/2026 Arrive:10:29 Depart:10:32

Address: ESS C/O BELBRIDGE STRUCTURES
COLDHARBOUR ROAD
GRAVESEND
DA11 7RU

PRODUCTS DELIVERED

QUANTITY	UNIT	PRODUCT
1.00	LOAD	TRU GROW (BS3882)

Chargeable Waiting time: -mins

The above job has been completed satisfactorily. All materials supplied Conform to the required standards.

Customers ordering vehicles off the public highway do so at their own risk.

Please note waiting time is chargeable after 20 minutes on site

Collection Signature:



Print: j

Delivery Signature



Print: tom w

H. Sivyver Transport
LTD T/A Holcim UK
3 Herringham Road
Charlton
London
SE7 8NJ

Tel: 0208 778 1384
Fax: 0208 659 3185
Email: orders.recycling@holcim.co.uk
Web: www.holcim.co.uk



Proof of Delivery

v3

Ticket No: 1562069/1

Driver: PAUL BARTON

Vehicle Reg: KS18JHK

Job Date: 07/01/26

Customer: ENVIRO SITE SOLUTIONS LTD

Acc Code: ENV003

Order Number: PO-AK0601

Remarks/Special Instructions:

Date: 07/01/2026 Arrive:12:49 Depart:12:52

Address: ESS C/O BELBRIDGE STRUCTURES
COLDHARBOUR ROAD
GRAVESEND
DA11 7RU

PRODUCTS DELIVERED

QUANTITY	UNIT	PRODUCT
1.00	LOAD	TRU GROW (BS3882)

Chargeable Waiting time: -mins

The above job has been completed satisfactorily. All materials supplied Conform to the required standards.

Customers ordering vehicles off the public highway do so at their own risk.

Please note waiting time is chargeable after 20 minutes on site

Collection Signature:

Print: j

Print: Ioni

H. Sivyer Transport
LTD T/A Holcim UK
3 Herringham Road
Charlton
London
SE7 8NJ

Tel: 0208 778 1384
Fax: 0208 659 3185
Email: orders.recycling@holcim.co.uk
Web: www.holcim.co.uk



Proof of Delivery

v3

Ticket No: 1562070/1

Job Date: 07/01/26

Customer: ENVIRO SITE SOLUTIONS LTD

Acc Code: ENV003

Order Number: PO-AK0601

Driver: LANCE BEESON

Vehicle Reg: KS18JHO

Remarks/Special Instructions:

Date: 07/01/2026 Arrive:10:13 Depart:10:24

Address: ESS C/O BELBRIDGE STRUCTURES
COLDHARBOUR ROAD
GRAVESEND
DA11 7RU

PRODUCTS DELIVERED

QUANTITY	UNIT	PRODUCT
1.00	LOAD	TRU GROW (BS3882)

Chargeable Waiting time: -mins

The above job has been completed satisfactorily. All materials supplied Conform to the required standards.

Customers ordering vehicles off the public highway do so at their own risk.

Please note waiting time is chargeable after 20 minutes on site

Collection Signature:



Print: lance

Delivery Signature



Print: Lon

H. Sivyer Transport
LTD T/A Holcim UK
3 Herringham Road
Charlton
London
SE7 8NJ

Tel: 0208 778 1384
Fax: 0208 659 3185
Email: orders.recycling@holcim.co.uk
Web: www.holcim.co.uk



Proof of Delivery

v3

Ticket No: 1562071/1

Driver: RICARDO MORGAN

Vehicle Reg: KN21EKZ

Job Date: 07/01/26

Customer: ENVIRO SITE SOLUTIONS LTD

Acc Code: ENV003

Order Number: PO-AK0601

Remarks/Special Instructions:

Date: 07/01/2026 Arrive:14:11 Depart:14:20

Address: ESS C/O BELBRIDGE STRUCTURES
COLDHARBOUR ROAD
GRAVESEND
DA11 7RU

PRODUCTS DELIVERED

QUANTITY	UNIT	PRODUCT
1.00	LOAD	TRU GROW (BS3882)

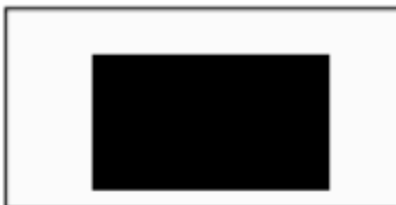
Chargeable Waiting time: -mins

The above job has been completed satisfactorily. All materials supplied Conform to the required standards.

Customers ordering vehicles off the public highway do so at their own risk.

Please note waiting time is chargeable after 20 minutes on site

Collection Signature:



Print: morgan

Delivery Signature



Print: artur

H. Sivyer Transport
LTD T/A Holcim UK
3 Herringham Road
Charlton
London
SE7 8NJ

Tel: 0208 778 1384
Fax: 0208 659 3185
Email: orders.recycling@holcim.co.uk
Web: www.holcim.co.uk



Proof of Delivery

v3

Ticket No: 1563604/1

Job Date: 12/01/26
Customer: ENVIRO SITE SOLUTIONS LTD
Acc Code: ENV003
Order Number: PO-AK0901

Driver: MIHAIL CEBOTARI
Vehicle Reg: KY73JWX

Remarks/Special Instructions:

Date: 12/01/2026 Arrive:11:18 Depart:11:28

Address: ESS C/O RG STRUCTURES
COLDHARBOUR ROAD
GRAVESEND
DA11 7RU

PRODUCTS DELIVERED

QUANTITY	UNIT	PRODUCT
1.00	LOAD	TRU GROW (BS3882)

Chargeable Waiting time: -mins

The above job has been completed satisfactorily. All materials supplied Conform to the required standards.

Customers ordering vehicles off the public highway do so at their own risk.

Please note waiting time is chargeable after 20 minutes on site

Collection Signature:

Print: Sevenoaks

Print: Enri

H. Sivyer Transport
LTD T/A Holcim UK
3 Herringham Road
Charlton
London
SE7 8NJ

Tel: 0208 778 1384
Fax: 0208 659 3185
Email: orders.recycling@holcim.co.uk
Web: www.holcim.co.uk



Proof of Delivery

v3

Ticket No: 1563605/1

Driver: GEOFFREY KISENYI

Vehicle Reg: KV65DY0

Job Date: 12/01/26

Customer: ENVIRO SITE SOLUTIONS LTD

Acc Code: ENV003

Order Number: PO-AK0901

Remarks/Special Instructions:

Date: 12/01/2026 Arrive:11:38 Depart:11:43

Address: ESS C/O RG STRUCTURES
COLDHARBOUR ROAD
GRAVESEND
DA11 7RU

PRODUCTS DELIVERED

QUANTITY	UNIT	PRODUCT
1.00	LOAD	TRU GROW (BS3882)

Chargeable Waiting time: -mins

The above job has been completed satisfactorily. All materials supplied Conform to the required standards.

Customers ordering vehicles off the public highway do so at their own risk.

Please note waiting time is chargeable after 20 minutes on site

Collection Signature:

Print: supri

Delivery Signature

Print: enri

H. Sivyer Transport
LTD T/A Holcim UK
3 Herringham Road
Charlton
London
SE7 8NJ

Tel: 0208 778 1384
Fax: 0208 659 3185
Email: orders.recycling@holcim.co.uk
Web: www.holcim.co.uk



Proof of Delivery

v3

Ticket No: 1565225/1

Job Date: 16/01/26

Customer: ENVIRO SITE SOLUTIONS LTD

Acc Code: ENV003

Order Number: AK1501

Driver: GEORGE DIACONU

Vehicle Reg: KY21HXT

Remarks/Special Instructions:

Date: 16/01/2026 Arrive:12:44 Depart:12:52

Address: ESS C/O RG STRUCTURES
COLDHARBOUR ROAD
GRAVESEND
DA11 7RU

PRODUCTS DELIVERED

QUANTITY	UNIT	PRODUCT
1.00	LOAD	TRU GROW (BS3882)

Chargeable Waiting time: -mins

The above job has been completed satisfactorily. All materials supplied Conform to the required standards.

Customers ordering vehicles off the public highway do so at their own risk.

Please note waiting time is chargeable after 20 minutes on site

Collection Signature:

Print: neil

Delivery Signature

Print: roberto

H. Sivyer Transport
LTD T/A Holcim UK
3 Herringham Road
Charlton
London
SE7 8NJ

Tel: 0208 778 1384
Fax: 0208 659 3185
Email: orders.recycling@holcim.co.uk
Web: www.holcim.co.uk



Proof of Delivery

v3

Ticket No: 1565226/1

Job Date: 16/01/26

Customer: ENVIRO SITE SOLUTIONS LTD

Acc Code: ENV003

Order Number: AK1501

Driver: NICOLAE URITESCU

Vehicle Reg: KT18TBV

Remarks/Special Instructions:

Date: 16/01/2026 Arrive:11:15 Depart:11:35

Address: ESS C/O RG STRUCTURES
COLDHARBOUR ROAD
GRAVESEND
DA11 7RU

PRODUCTS DELIVERED

QUANTITY	UNIT	PRODUCT
1.00	LOAD	TRU GROW (BS3882)

Chargeable Waiting time: -mins

The above job has been completed satisfactorily. All materials supplied Conform to the required standards.

Customers ordering vehicles off the public highway do so at their own risk.

Please note waiting time is chargeable after 20 minutes on site

Collection Signature:



Print: freeland

Delivery Signature



Print: Loni

H. Sivyer Transport
LTD T/A Holcim UK
3 Herringham Road
Charlton
London
SE7 8NJ

Tel: 0208 778 1384
Fax: 0208 659 3185
Email: orders.recycling@holcim.co.uk
Web: www.holcim.co.uk



Proof of Delivery

v3

Ticket No: 1565227/1

Job Date: 16/01/26

Customer: ENVIRO SITE SOLUTIONS LTD

Acc Code: ENV003

Order Number: AK1501

Driver: ADRIAN DANITA

Vehicle Reg: KS18JKE

Remarks/Special Instructions:

Date: 16/01/2026 Arrive:11:13 Depart:11:31

Address: ESS C/O RG STRUCTURES
COLDHARBOUR ROAD
GRAVESEND
DA11 7RU

PRODUCTS DELIVERED

QUANTITY	UNIT	PRODUCT
1.00	LOAD	TRU GROW (BS3882)

Chargeable Waiting time: -mins

The above job has been completed satisfactorily. All materials supplied Conform to the required standards.

Customers ordering vehicles off the public highway do so at their own risk.

Please note waiting time is chargeable after 20 minutes on site

Collection Signature:



Print: Bat

Delivery Signature



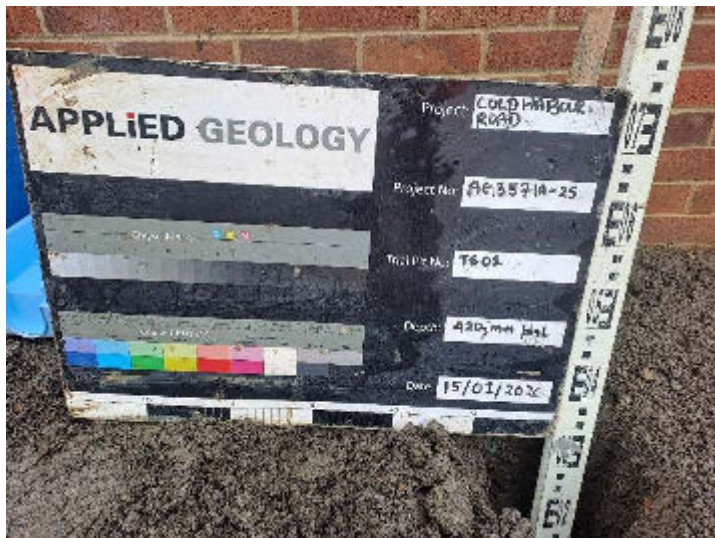
Print: Loni

APPENDIX D

SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	15/01/2026
Engineer	Soe Moe	Time on Site	09:53
Weather	10°C (Overcast and Drizzling)	Time off Site	13:12

Site Records				
Time	Activity	Comments and Observations	Sample/Test	Photo

09:53	Arrival	The site is located at the corner of Coldharbour Road and New House Lane. It is accessed from New House Lane and bounded to the northeast by playing fields and to the southeast by St. Clement's Catholic Church.	N/A	N/A						
10:15	Induction	Induction and visitor's registration was completed.	N/A	N/A						
10:30	Meeting	A brief meeting was held with the project manager, Craig, who confirmed that several areas still have not received topsoil.	N/A	N/A						
10:40		As onsite car parking was not available, the equipment for hand pitting exercise was carried on foot.	N/A	N/A						
10:50	Walkover	The walkover was carried out clockwise, from north to south. The building observed to be nearing completion and was undergoing final finishing works. As informed by the project manager, topsoil had not yet been placed near the entrance or in the southern areas of the site.	N/A	1 to 8						
11:00	Pitting commenced	<table border="1"><thead><tr><th colspan="2">TS01</th></tr><tr><th>Depth to Base (m bgl)</th><th>Soil Description</th></tr></thead><tbody><tr><td>0.42</td><td>Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).</td></tr></tbody></table> 	TS01		Depth to Base (m bgl)	Soil Description	0.42	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).	Sample taken from TS01 at 0.10m bgl	
TS01										
Depth to Base (m bgl)	Soil Description									
0.42	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).									

SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	15/01/2026
Engineer	Soe Moe	Time on Site	09:53
Weather	10°C (Overcast and Drizzling)	Time off Site	13:12

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
------	----------	---------------------------	-------------	-------

TS02

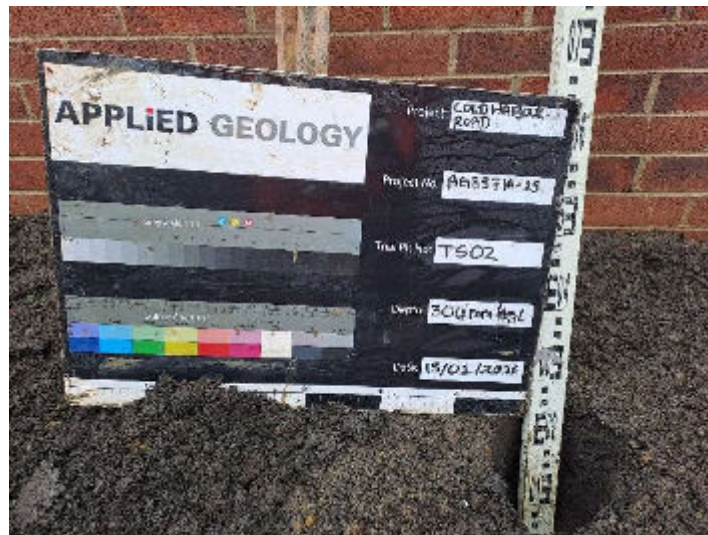
Depth
to Base
(m bgl)

Soil Description

0.30

Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).

N/A

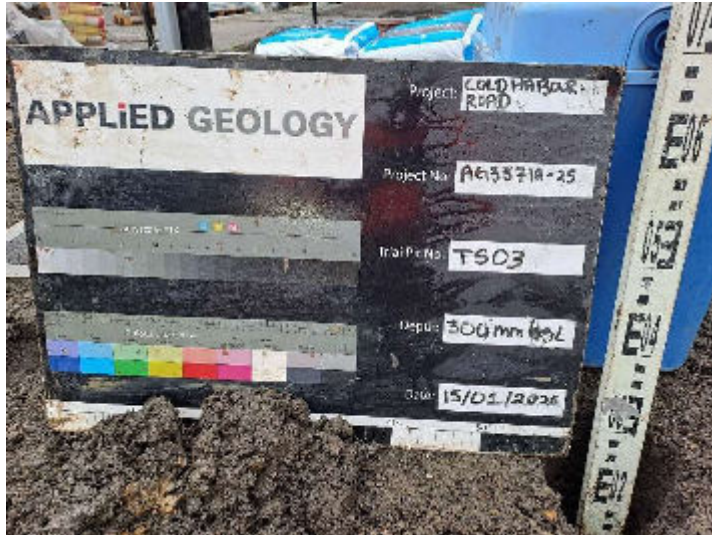


SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	15/01/2026
Engineer	Soe Moe	Time on Site	09:53
Weather	10°C (Overcast and Drizzling)	Time off Site	13:12

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
------	----------	---------------------------	-------------	-------

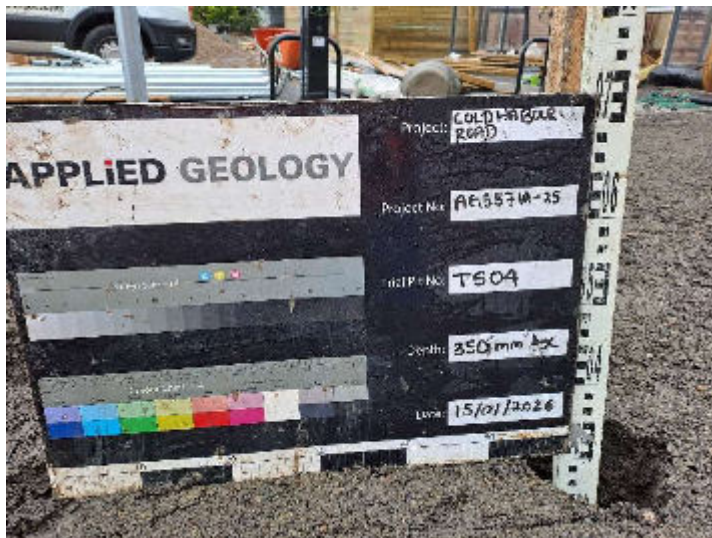
		<table><tr><td colspan="2">TS03</td></tr><tr><td>Depth to Base (m bgl)</td><td>Soil Description</td></tr><tr><td>0.30</td><td>Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).</td></tr></table>	TS03		Depth to Base (m bgl)	Soil Description	0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).	N/A	
TS03										
Depth to Base (m bgl)	Soil Description									
0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).									
										

SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	15/01/2026
Engineer	Soe Moe	Time on Site	09:53
Weather	10°C (Overcast and Drizzling)	Time off Site	13:12

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
------	----------	---------------------------	-------------	-------

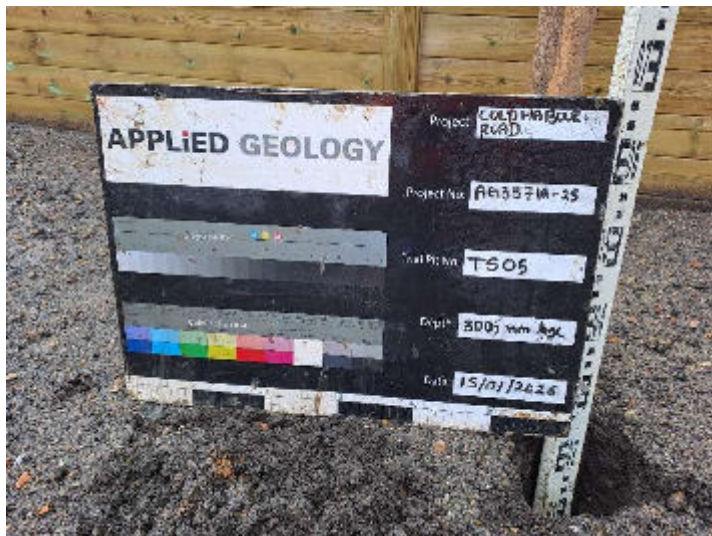
		TS04 <table><tr><th>Depth to Base (m bgl)</th><th>Soil Description</th></tr><tr><td>0.35</td><td>Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).</td></tr></table>	Depth to Base (m bgl)	Soil Description	0.35	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).	Sampe, taken at TS04 0.2m bgl	
Depth to Base (m bgl)	Soil Description							
0.35	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).							
								
								

SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	15/01/2026
Engineer	Soe Moe	Time on Site	09:53
Weather	10°C (Overcast and Drizzling)	Time off Site	13:12

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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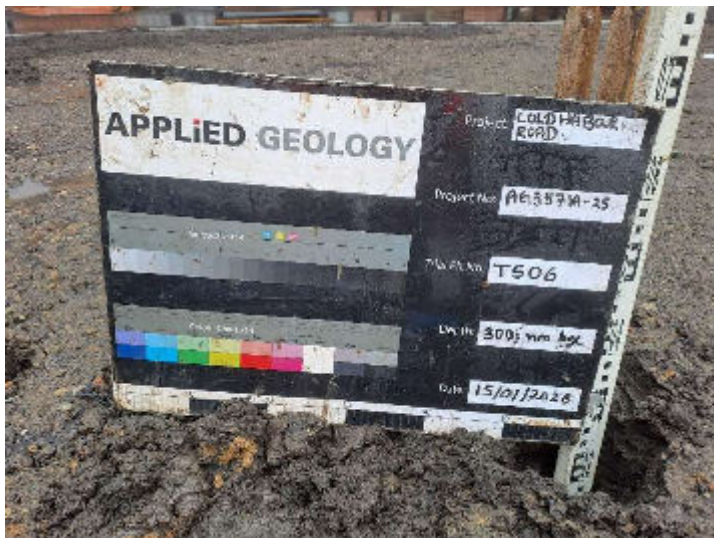
		TS05 <table><tr><th>Depth to Base (m bgl)</th><th>Soil Description</th></tr><tr><td>0.30</td><td>Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).</td></tr></table>	Depth to Base (m bgl)	Soil Description	0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).	N/A	
Depth to Base (m bgl)	Soil Description							
0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).							
		 						

SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	15/01/2026
Engineer	Soe Moe	Time on Site	09:53
Weather	10°C (Overcast and Drizzling)	Time off Site	13:12

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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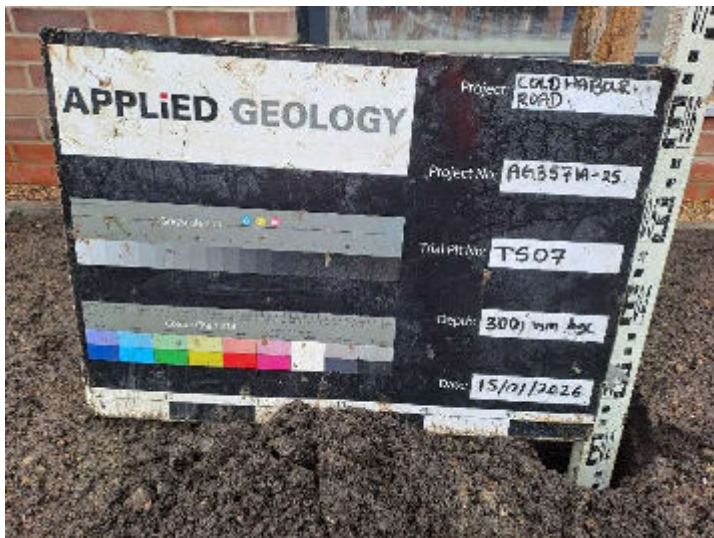
		TS06 <table><tr><td>Depth to Base (m bgl)</td><td>Soil Description</td></tr><tr><td>0.30</td><td>Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).</td></tr></table>	Depth to Base (m bgl)	Soil Description	0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).	N/A	
Depth to Base (m bgl)	Soil Description							
0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).							
		 						

SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	15/01/2026
Engineer	Soe Moe	Time on Site	09:53
Weather	10°C (Overcast and Drizzling)	Time off Site	13:12

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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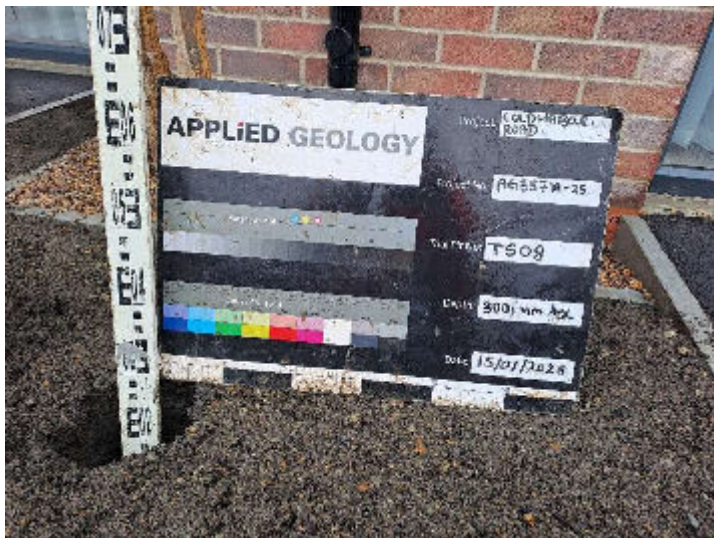
		<table><tr><td colspan="2">TS07</td></tr><tr><td>Depth to Base (m bgl)</td><td>Soil Description</td></tr><tr><td>0.30</td><td>Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).</td></tr></table>	TS07		Depth to Base (m bgl)	Soil Description	0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).	N/A	
TS07										
Depth to Base (m bgl)	Soil Description									
0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).									
 										

SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	15/01/2026
Engineer	Soe Moe	Time on Site	09:53
Weather	10°C (Overcast and Drizzling)	Time off Site	13:12

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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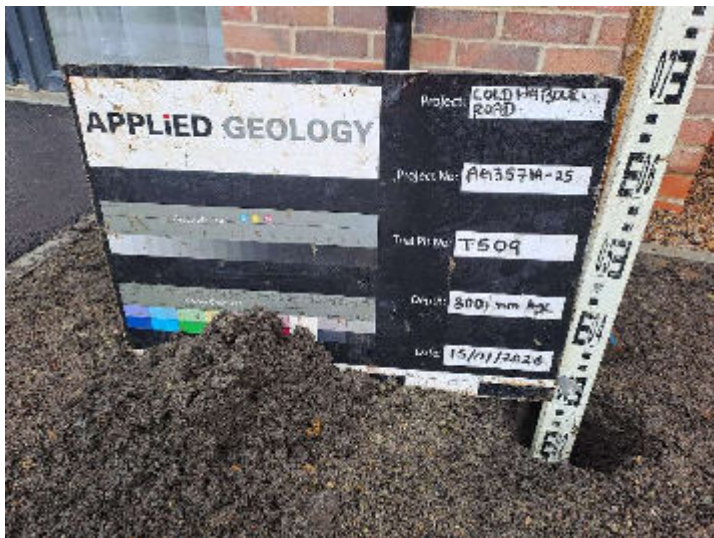
		<table><tr><td colspan="2">TS08</td></tr><tr><td>Depth to Base (m bgl)</td><td>Soil Description</td></tr><tr><td>0.30</td><td>Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).</td></tr></table>	TS08		Depth to Base (m bgl)	Soil Description	0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).	N/A	
TS08										
Depth to Base (m bgl)	Soil Description									
0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).									
 										

SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	15/01/2026
Engineer	Soe Moe	Time on Site	09:53
Weather	10°C (Overcast and Drizzling)	Time off Site	13:12

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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		TS09 <table><tr><th>Depth to Base (m bgl)</th><th>Soil Description</th></tr><tr><td>0.30</td><td>Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).</td></tr></table>	Depth to Base (m bgl)	Soil Description	0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).	N/A	
Depth to Base (m bgl)	Soil Description							
0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).							
		 						

SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	15/01/2026
Engineer	Soe Moe	Time on Site	09:53
Weather	10°C (Overcast and Drizzling)	Time off Site	13:12

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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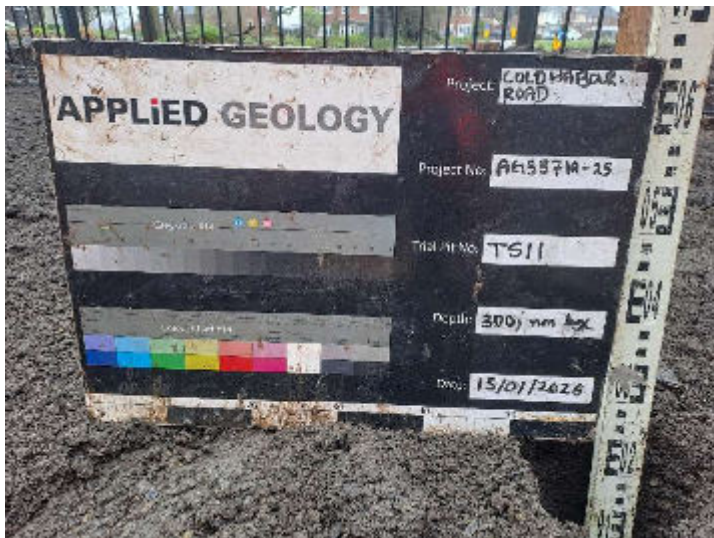
		<table><tr><td colspan="2">TS10</td></tr><tr><td>Depth to Base (m bgl)</td><td>Soil Description</td></tr><tr><td>0.30</td><td>Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).</td></tr></table>	TS10		Depth to Base (m bgl)	Soil Description	0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).	N/A	
TS10										
Depth to Base (m bgl)	Soil Description									
0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).									
										

SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	15/01/2026
Engineer	Soe Moe	Time on Site	09:53
Weather	10°C (Overcast and Drizzling)	Time off Site	13:12

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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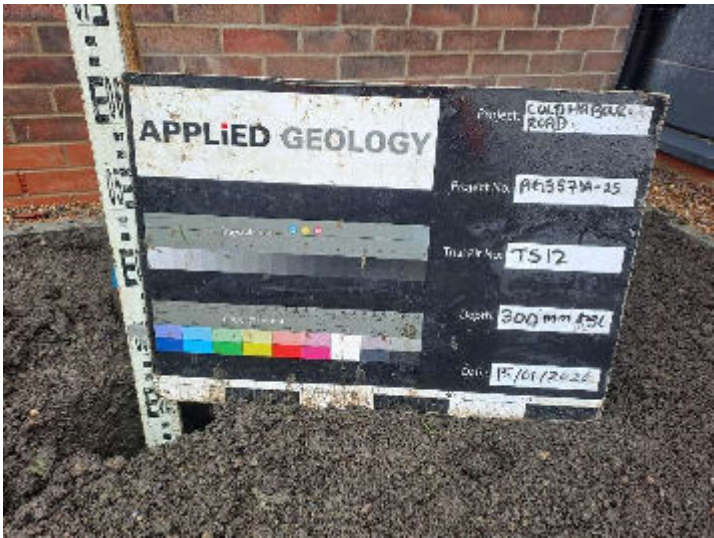
		<table><tr><td colspan="2">TS11</td></tr><tr><td>Depth to Base (m bgl)</td><td>Soil Description</td></tr><tr><td>0.30</td><td>Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).</td></tr></table>	TS11		Depth to Base (m bgl)	Soil Description	0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).	Sample taken at TS11 0.25m bgl	
TS11										
Depth to Base (m bgl)	Soil Description									
0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).									
										
										

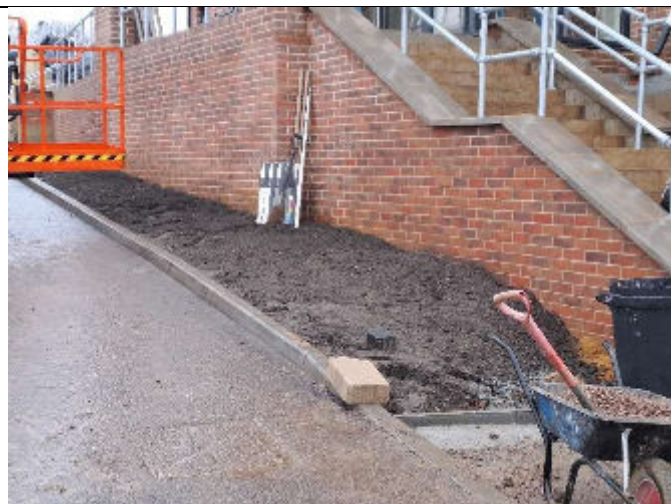
SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	15/01/2026
Engineer	Soe Moe	Time on Site	09:53
Weather	10°C (Overcast and Drizzling)	Time off Site	13:12

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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		TS12		
		Depth to Base (m bgl)		
		0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).	Sample taken at TS12 0.15m bgl
				
				
13:12	Completed works, packed up and left site			



1. Looking southeast at the long strip of soft landscaping at the front of the building.



2. Looking northeast, outstanding landscaping work remains at the site entrance.



3. Looking northeast, incomplete topsoil placement near the site entrance.



4. Looking southeast, topsoil placement at the front of building.



5. Looking northeast, ongoing topsoil placement along the side of the building.



6. Looking northeast, ongoing topsoil placement along the side of the building and the perimeter fence.



7. Looking northeast, ongoing topsoil placement along the northern perimeter fence



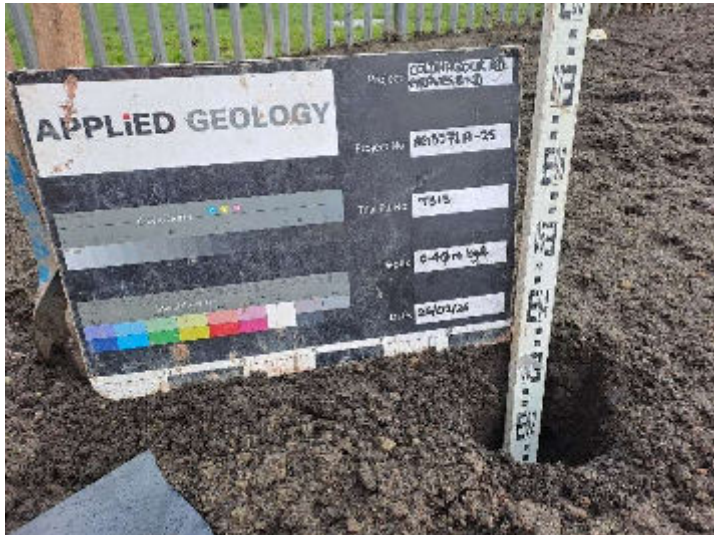
8. Looking northeast, topsoil placement next to the building and the perimeter fence.

SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	26/01/2026
Engineer	Soe Moe	Time on Site	09:45
Weather	10°C (Overcast and Drizzling)	Time off Site	13:15

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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09:45	Arrival	This was the final site visit to verify the placement of topsoil in areas that were found to be missing during the initial inspection. The topsoil placement was completed except in two areas near the entrance of the site	N/A	N/A						
09:50	Sign In	The visitor's registration was completed.	N/A	N/A						
10:40	Walkover	A brief walkover to inspect areas where topsoil was found to be missing during the first visit.	N/A	1 to 4						
10:50	Pitting commenced	<table border="1"><thead><tr><th colspan="2">TS13 (numbering continued from previous visit)</th></tr><tr><th>Depth to Base (m bgl)</th><th>Soil Description</th></tr></thead><tbody><tr><td>0.40</td><td>Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).</td></tr></tbody></table> 	TS13 (numbering continued from previous visit)		Depth to Base (m bgl)	Soil Description	0.40	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).	Sample taken at TS13 0.10m bgl	
TS13 (numbering continued from previous visit)										
Depth to Base (m bgl)	Soil Description									
0.40	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).									

SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	26/01/2026
Engineer	Soe Moe	Time on Site	09:45
Weather	10°C (Overcast and Drizzling)	Time off Site	13:15

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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TS14

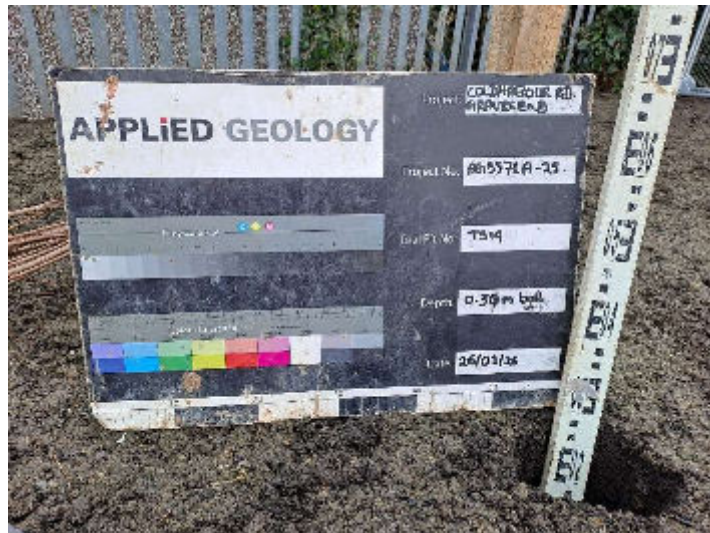
Depth
to Base
(m bgl)

Soil Description

0.30

Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).

Sample taken
at TS14
0.20m bgl



SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	26/01/2026
Engineer	Soe Moe	Time on Site	09:45
Weather	10°C (Overcast and Drizzling)	Time off Site	13:15

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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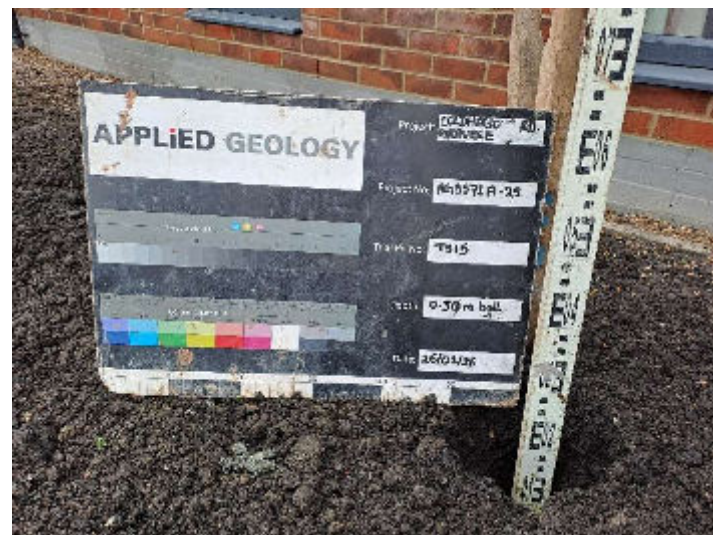
TS15

Depth
to Base
(m bgl)

Soil Description

0.30

Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).



SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	26/01/2026
Engineer	Soe Moe	Time on Site	09:45
Weather	10°C (Overcast and Drizzling)	Time off Site	13:15

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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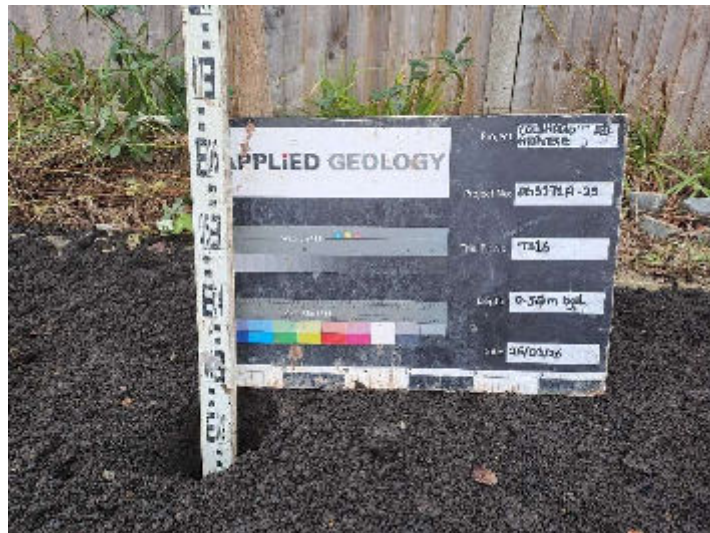
TS16

Depth
to Base
(m bgl)

Soil Description

0.30

Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).



SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	26/01/2026
Engineer	Soe Moe	Time on Site	09:45
Weather	10°C (Overcast and Drizzling)	Time off Site	13:15

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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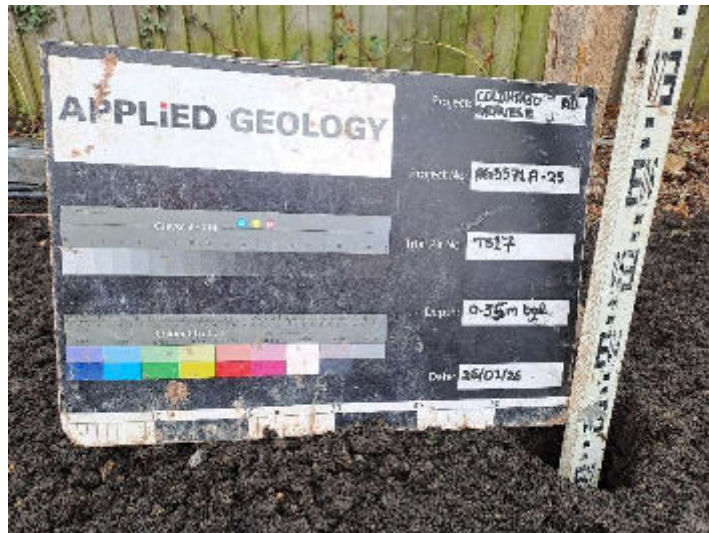
TS17

Depth
to Base
(m bgl)

Soil Description

0.35

Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).



SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	26/01/2026
Engineer	Soe Moe	Time on Site	09:45
Weather	10°C (Overcast and Drizzling)	Time off Site	13:15

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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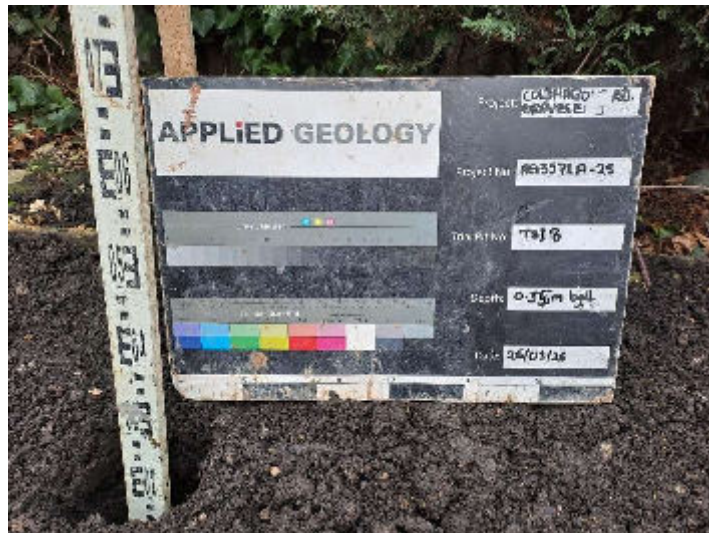
TS18

Depth
to Base
(m bgl)

Soil Description

0.35

Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).



SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	26/01/2026
Engineer	Soe Moe	Time on Site	09:45
Weather	10°C (Overcast and Drizzling)	Time off Site	13:15

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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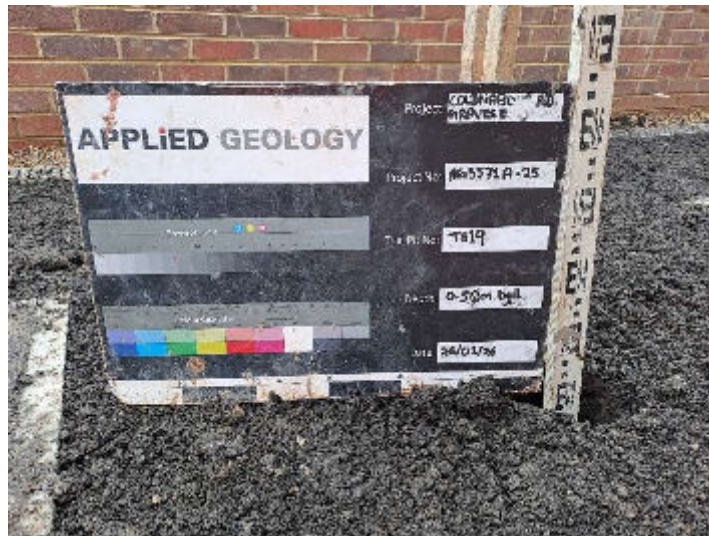
TS19

Depth
to Base
(m bgl)

Soil Description

0.30

Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).



SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	26/01/2026
Engineer	Soe Moe	Time on Site	09:45
Weather	10°C (Overcast and Drizzling)	Time off Site	13:15

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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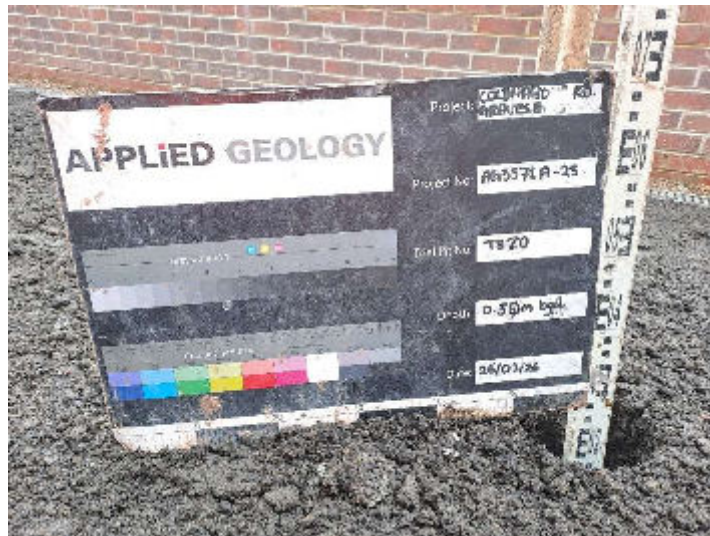
TS20

Depth
to Base
(m bgl)

Soil Description

0.30

Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).



SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	26/01/2026
Engineer	Soe Moe	Time on Site	09:45
Weather	10°C (Overcast and Drizzling)	Time off Site	13:15

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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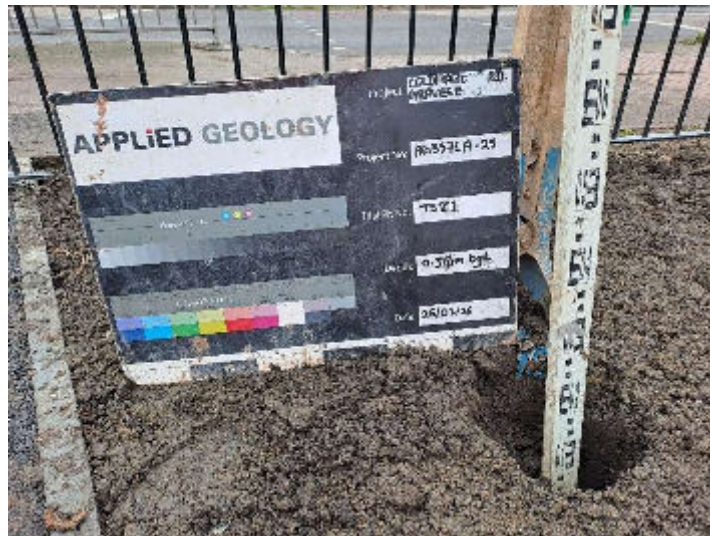
TS21

Depth
to Base
(m bgl)

Soil Description

0.30

Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).



SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	26/01/2026
Engineer	Soe Moe	Time on Site	09:45
Weather	10°C (Overcast and Drizzling)	Time off Site	13:15

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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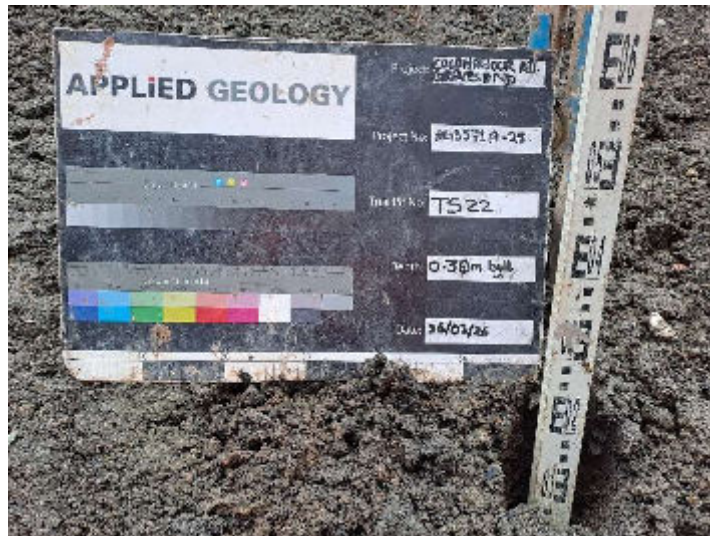
TS22

Depth
to Base
(m bgl)

Soil Description

0.30

Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).



TS23 0.30m
bgl

SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	26/01/2026
Engineer	Soe Moe	Time on Site	09:45
Weather	10°C (Overcast and Drizzling)	Time off Site	13:15

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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TS23

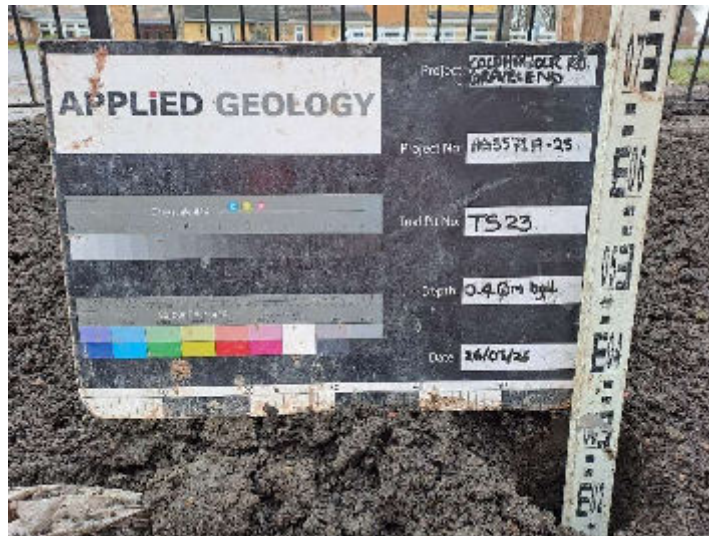
Depth
to Base
(m bgl)

Soil Description

0.40

Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).

Sample taken
at TS23 0.3m
bgl



SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	26/01/2026
Engineer	Soe Moe	Time on Site	09:45
Weather	10°C (Overcast and Drizzling)	Time off Site	13:15

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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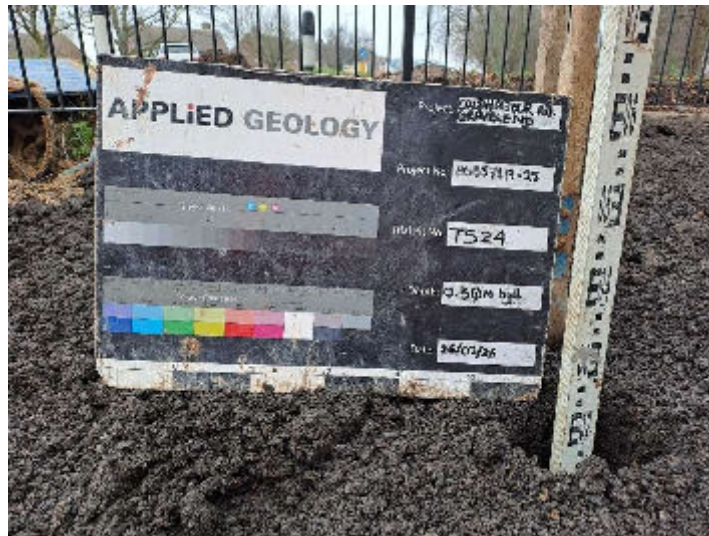
TS24

Depth
to Base
(m bgl)

Soil Description

0.30

Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).

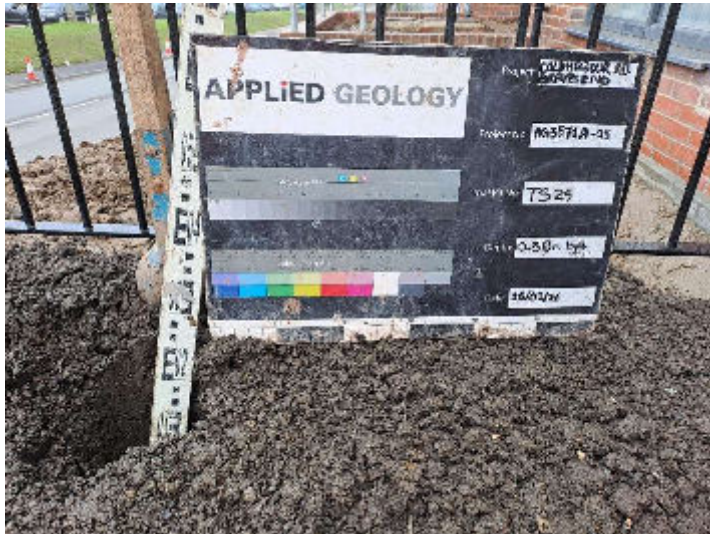


SITE VISIT REPORT

Client	Simply Develop UK Ltd	Job Number	AG3571A-25
Site	Coldharbour Road, Northfleet, Gravesend	Date	26/01/2026
Engineer	Soe Moe	Time on Site	09:45
Weather	10°C (Overcast and Drizzling)	Time off Site	13:15

Site Records

Time	Activity	Comments and Observations	Sample/Test	Photo
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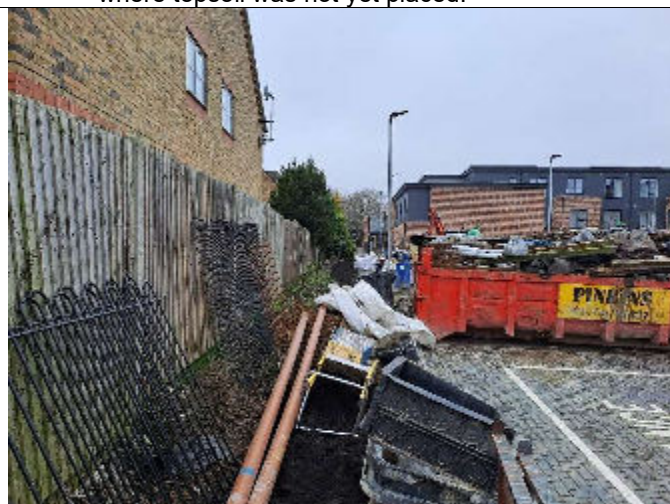
		TS25		Sample taken at TS25 0.20m bgl	
		Depth to Base (m bgl)	Soil Description		
		0.30	Dark grey slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is subangular to subrounded fine to medium sandstone. (TOPSOIL).		
					
					
13:15	Completed works, packed up and left site				



1. Looking northeast, the area next to site entrance where topsoil was not yet placed.



2. Looking northwest, the area surrounding electrical transformer where topsoil was not yet placed.



3. Looking southwest, the area next to car park where topsoil was not yet placed.



4. Looking west, the grass turfed roll being placed in the area behind the building.

SDU-0103 Gravesend

AREA 1 left of main entrance





SDU-0103 Gravesend

Area 2 on Baptist church





APPENDIX E

Freeland Horticulture Ltd
Rosedale Nursery
College Road
Hextable
Kent BR8 7LT

Attention: Philippa Lambourne

Our Ref: SLC-1440-SA

25 November 2025

Dear Philippa

Topsoil Analysis Report: Bat & Ball, Sevenoaks Topsoil – November 2025

We have completed the analysis of the topsoil sample recently taken from the above site and it has been forwarded to an approved laboratory for analysis and have the pleasure of reporting our findings. The purpose of the analysis was to determine the suitability of the topsoil for general landscaping purposes and its compliance with the current British Standard for topsoil (BS3882).

SOIL SAMPLING & EXAMINATION

At the time of our sampling visit the topsoil was stored in a stockpile. A series of 10 hand augered trial holes were constructed across the stockpile for the purpose of soil examination and sample collection. As the soil examination confirmed a consistent topsoil composition, the ten samples were combined together to form one composite sample for analysis purposes. The soil was described as dark brown, slightly moist and friable with a well-developed, fine to medium granular structure. The soil contained a low fraction of small stones and no deleterious materials (eg. building waste materials, glass, roots or rhizomes of pernicious weeds) or unusual odours (eg. hydrocarbons) were recorded.

LABORATORY ANALYSIS

The topsoil sample was submitted to a UKAS and MCERTS accredited laboratory for routine physical and chemical parameters to confirm the composition and fertility of the soil. The following parameters were determined:

- ✦ pH & electrical conductivity values;
- ✦ major plant nutrients (N, P, K, Mg) & organic matter content;
- ✦ particle size distribution and stone content;
- ✦ heavy metals & potentially toxic elements (As, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn, B);
- ✦ sulphate, sulphur, sulphide;
- ✦ total cyanide and total (mono) phenols;
- ✦ speciated PAHs (US EPA16)
- ✦ banded aromatic and aliphatic petroleum hydrocarbons (C₅-C₃₅).
- ✦ Asbestos

The results are presented on the attached Certificate of Analysis and an interpretation of the results is given below.

COMMENTS

pH & Electrical Conductivity (salinity) Values

The sample was alkaline in nature (pH 8.4) with a pH value that would be considered suitable for general landscaping purposes.

The electrical conductivity (salinity) value using the soil:water extract was 1000µS/cm indicating that soluble salts are not present at levels that would be harmful to plants.

The electrical conductivity values by CaSO₄ extract (BS3882 requirement) fell below the maximum specified value (3300µS/cm) given in BS3882:2015.

Organic Matter & Nutrient Status

The sample was rich in organic matter and all major plant nutrients. No further additions of compost or fertiliser are required, or indeed recommended, for at least the first growing season.

The C:N ratio of the sample was acceptable for general landscape purposes

Particle Size Distribution & Stone Content

The sample contained 69% sand and fell into the sandy loam texture class. This particle size distribution is considered suitable for a broad range of landscape applications, including tree and shrub planting, turfing and seeding.

The sample was Virtually free from stones of 50 mm and upwards in diameter and only contained a slight fraction of smaller stones (2.2%). As such, stones will not restrict the use of the soil for landscaping purposes.

Potential Contaminants

We are not aware of any specified contaminant levels set for the proposed end-use of this topsoil. This includes human health, environmental protection and metals considered toxic to plants. In the absence of any site-specific assessment criteria, the concentrations that affect human health have been compared with the 'residential with homegrown produce' land use in the Suitable For Use Levels presented in 'The LQM/CIEH S4UIs' for Human Health Risk Assessment (2015) and DEFRA SP1010: 'Development of Category 4 Screening Levels' for Assessment of Land Affected by Contamination – Policy Companion Document (2014).

Of the potential contaminants determined, none was found at levels that would exceed their respective guideline values.

CONCLUSION

The purpose of the analysis was to determine the suitability of the topsoil for general landscaping purposes. From the soil examination and laboratory analysis, the soil is described as an alkaline, non-saline, sandy loam. The organic matter and nutrient levels are acceptable, and no significant contamination was found with respect to the parameters determined. This soil would adhere to the current BS3882 specification for 'multipurpose grade'.

To conclude, based on our findings, the topsoil would be considered well-suited to general landscaping purposes provided the physical condition of the soil is maintained.

We hope this report meets with your approval and provides the necessary information. Please do not hesitate to contact the undersigned if you have any queries or comments.

George Longmuir MSc Soil Sci. M.I Soil Sci.

Client	Freeland Horticulture Ltd
Job Name	Topsoil Analysis
Site	Bat & Ball, Sevenoaks
Month/Year	November 25
Our Ref	1440-SA
Date	25 November 2025

Composite sample

pH Value & Salinity

pH value (1:2.5 soil/water ext)	units	8.4
Electrical Conductivity (1:2.5 soil/water ext)	µS/cm	1000
Electrical Conductivity (1:2.5 soil/CaSO ₄ ext)	µS/cm	2996

Organic Matter & Nutrient Status

Organic Matter (LOI)	%	5.3
Organic Carbon (Derived)	%	3.1
Total Nitrogen	%	0.288
Carbon:Nitrogen Ratio	:1	10.7
Available Phosphorus	mg/l	52.4
Available Potassium	mg/l	1245
Available Magnesium	mg/l	194

Particle Size Analysis & Stones

Clay (<0.002mm)	%	15
Silt (0.063-0.002mm)	%	16
Sand (2.0-0.063mm)	%	65
Texture Class	UK Class	Sandy loam

Stones 2-20mm	% by DW	1.3
Stones 20-50mm	% by DW	0.9
Stones >50mm	% by DW	0.0

Potential Contaminants

Total Arsenic (As)	mg/kg	15.3
Total Cadmium (Cd)	mg/kg	0.26
Total Chromium (Cr)	mg/kg	38.3
Hexavalent Chromium (Cr ^{VI})	mg/kg	0.3
Total Copper (Cu)	mg/kg	18.6
Total Lead (Pb)	mg/kg	26.7
Total Mercury (Hg)	mg/kg	<0.2
Total Nickel (Ni)	mg/kg	26.0
Total Selenium (Se)	mg/kg	0.17
Total Zinc (Zn)	mg/kg	78.7
Total Beryllium (Be)	mg/kg	<1
Total Barium (Ba)	mg/kg	31.5
Total Vanadium (V)	mg/kg	55.9
Hot Water Soluble Boron (B)	mg/kg	2.0
Total Cyanide (CN)	mg/kg	<1
Elemental Sulphur (S)	mg/kg	14.1
Easily Liberated Sulphide (S ²⁻)	mg/kg	<1
Water Soluble Sulphate (SO ₄ ²⁻)	mg/l	159
Total Phenols Index	mg/kg	<1
Asbestos Screen	-	N.D.

Polyaromatic Hydrocarbons

Naphthalene	mg/kg	<0.05
Acenaphthylene	mg/kg	<0.05
Acenaphthene	mg/kg	<0.05
Fluorene	mg/kg	<0.05
Phenanthrene	mg/kg	<0.1

Client	Freeland Horticulture Ltd	
Job Name	Topsoil Analysis	
Site	Bat & Ball, Sevenoaks	
Month/Year	November 25	
Our Ref	1440-SA	
Date	25 November 2025	
Anthracene	mg/kg	<0.05
Fluoranthene	mg/kg	<0.1
Pyrene	mg/kg	<0.1
Benzo[a]anthracene	mg/kg	<0.1
Chrysene	mg/kg	<0.1
Benzo[b]fluoranthene	mg/kg	<0.1
Benzo[k]fluoranthene	mg/kg	<0.1
Benzo[a]pyrene	mg/kg	<0.1
Indeno[1,2,3-cd]pyrene	mg/kg	<0.1
Dibenzo[a,h]anthracene	mg/kg	<0.1
Benzo[g,h,i]perylene	mg/kg	<0.1
Total PAHs sum US EPA 16	mg/kg	<1

Banded Petroleum Hydrocarbons

Aliphatic TPH >C ₅ -C ₆	mg/kg	<0.05
Aliphatic TPH >C ₆ -C ₈	mg/kg	<0.05
Aliphatic TPH >C ₈ -C ₁₀	mg/kg	<0.05
Aliphatic TPH >C ₁₀ -C ₁₂	mg/kg	<10
Aliphatic TPH >C ₁₂ -C ₁₆	mg/kg	<10
Aliphatic TPH >C ₁₆ -C ₂₁	mg/kg	12.0
Aliphatic TPH >C ₂₁ -C ₃₅	mg/kg	50.0
Aliphatic TPH >C ₃₅ -C ₄₄	mg/kg	<12

Aromatic TPH >C ₅ -C ₇	mg/kg	<0.05
Aromatic TPH >C ₇ -C ₈	mg/kg	<0.05
Aromatic TPH >C ₈ -C ₁₀	mg/kg	<0.05
Aromatic TPH >C ₁₀ -C ₁₂	mg/kg	<10
Aromatic TPH >C ₁₂ -C ₁₆	mg/kg	<10
Aromatic TPH >C ₁₆ -C ₂₁	mg/kg	<10
Aromatic TPH >C ₂₁ -C ₃₅	mg/kg	180
Aromatic TPH >C ₃₅ -C ₄₄	mg/kg	13.0

Total Petroleum Hydrocarbons (C ₅ -C ₄₄)	mg/kg	280
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BTEX

Benzene	mg/kg	<0.02
Toluene	mg/kg	<0.2
Ethyl Benzene	mg/kg	<0.04
m- & p- Xylene	mg/kg	<0.2
o-Xylene	mg/kg	<0.1

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Analytical Report Number : 26-002333

Project / Site name:	Coldharbour Rd, Gravesend	Samples received on:	19/01/2026
Your job number:	AG3571A-25	Samples instructed on/ Analysis started on:	19/01/2026
Your order number:	21916	Analysis completed by:	28/01/2026
Report Issue Number:	1	Report issued on:	28/01/2026
Samples Analysed:	4 soil samples		



Signed:

Rachel Chappell
Key Account Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting
air	- once the analysis is complete

Excel copies of reports are only valid when accompanied by this PDF certificate.

Retention period for records and reports is minimum 6 years from the date of issue of the final report.
Some records may be kept for longer according to other legal/best practice requirements.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 26-002333
Project / Site name: Coldharbour Rd, Gravesend
Your Order No: 21916

Lab Sample Number				804326	804327	804328	804329
Sample Reference				TS01	TS04	TS11	TS12
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A	N/A
Depth (m)				0.10	0.20	0.25	0.15
Date Sampled				15/01/2026	15/01/2026	15/01/2026	15/01/2026
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status				

Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	19	23	21	23
Total mass of sample received	kg	0.1	NONE	1.5	1.7	1.5	1.7

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	PDO	PDO	PDO	PDO
Analysis completed	N/A	N/A	N/A	23/01/2026	23/01/2026	23/01/2026	23/01/2026

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	8.2	7.9	7.3	8.5
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	220	190	250	250
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	112	96	126	127
Organic Matter (automated)	%	0.1	MCERTS	5.7	4.5	4.5	4.7

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	0.1	< 0.05	0.09
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.36	0.06	0.14
Pyrene	mg/kg	0.05	MCERTS	< 0.05	0.37	0.07	0.12
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.25	0.1	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	0.27	0.08	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	0.31	0.14	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	0.19	0.06	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.28	0.11	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.17	0.06	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.18	0.08	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	< 0.80	2.47	< 0.80	< 0.80
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Analytical Report Number: 26-002333
Project / Site name: Coldharbour Rd, Gravesend
Your Order No: 21916

Lab Sample Number	804326	804327	804328	804329
Sample Reference	TS01	TS04	TS11	TS12
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.20	0.25	0.15
Date Sampled	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	12	12	13	12
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.52	0.56	0.61	0.56
Boron (total)	mg/kg	1	MCERTS	19	20	22	21
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	U/S ^{U/S} g	U/S ^{U/S} g	U/S ^{U/S} g	U/S ^{U/S} g
Chromium (III)	mg/kg	1	NONE	U/S ^{U/S} g	U/S ^{U/S} g	U/S ^{U/S} g	U/S ^{U/S} g
Chromium (hexavalent) by IC	mg/kg	1.8	NONE	< 1.80	< 1.80	< 1.80	< 1.80
Chromium (III) by IC	mg/kg	1	NONE	30	74	34	30
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	30	74	34	30
Copper (aqua regia extractable)	mg/kg	1	MCERTS	16	25	21	17
Lead (aqua regia extractable)	mg/kg	1	MCERTS	21	37	24	23
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	22	23	25	22
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	1.1	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	54	71	61	56
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	65	87	74	68

Magnesium (aqua regia extractable)	mg/kg	20	ISO 17025	1900	1900	2300	1800
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Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic >EC35 - EC44 EH_CU_1D_AL	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4
TPHCWG - Aliphatic >EC5 - EC35 EH_CU+HS_1D_AL	mg/kg	10	NONE	< 10	< 10	< 10	< 10
TPHCWG - Aliphatic >EC5 - EC44 EH_CU+HS_1D_AL	mg/kg	10	NONE	< 10	< 10	< 10	< 10

TPHCWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.01	MCERTS	< 0.010 ^{***}	< 0.010 ^{***}	< 0.010 ^{***}	< 0.010 ^{***}
TPHCWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.01	MCERTS	< 0.010 ^{***}	< 0.010 ^{***}	< 0.010 ^{***}	< 0.010 ^{***}
TPHCWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.02	MCERTS	< 0.020 ^{***}	< 0.020 ^{***}	< 0.020 ^{***}	< 0.020 ^{***}
TPHCWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aromatic >EC12 - EC16 EH_CU_1D_AR	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0
TPHCWG - Aromatic >EC16 - EC21 EH_CU_1D_AR	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC21 - EC35 EH_CU_1D_AR	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC35 - EC44 EH_CU_1D_AR	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4
TPHCWG - Aromatic >EC5 - EC35 EH_CU+HS_1D_AR	mg/kg	10	NONE	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC5 - EC44 EH_CU+HS_1D_AR	mg/kg	10	NONE	< 10	< 10	< 10	< 10

TPH Total >EC5 - EC44 EH_CU+HS_1D_TOTAL	mg/kg	10	NONE	< 10	< 10	< 10	< 10
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Analytical Report Number: 26-002333

Project / Site name: Coldharbour Rd, Gravesend

Your Order No: 21916

Lab Sample Number	804326	804327	804328	804329
Sample Reference	TS01	TS04	TS11	TS12
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.20	0.25	0.15
Date Sampled	15/01/2026	15/01/2026	15/01/2026	15/01/2026
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0 **t	< 5.0 **t	< 5.0 **t	< 5.0 **t
Toluene	µg/kg	5	MCERTS	< 5.0 **t	< 5.0 **t	< 5.0 **t	< 5.0 **t
Ethylbenzene	µg/kg	5	MCERTS	< 5.0 **t	< 5.0 **t	< 5.0 **t	< 5.0 **t
p & m-Xylene	µg/kg	8	MCERTS	< 8.0 **t	< 8.0 **t	< 8.0 **t	< 8.0 **t
o-Xylene	µg/kg	5	MCERTS	< 5.0 **t	< 5.0 **t	< 5.0 **t	< 5.0 **t

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number : 26-002333

Project / Site name: Coldharbour Rd, Gravesend

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
804326	TS01	None Supplied	0.1	Black sandy clay with gravel and vegetation
804327	TS04	None Supplied	0.2	Brown sandy clay with gravel and vegetation
804328	TS11	None Supplied	0.25	Brown sandy clay with gravel and vegetation
804329	TS12	None Supplied	0.15	Brown sandy clay with gravel and vegetation

Analytical Report Number : 26-002333

Project / Site name: Coldharbour Rd, Gravesend

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in Soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques	In-house method based on HSG 248, 2021	A001B	D	ISO 17025
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate (Walkley Black Method)	In-house method	L009B	D	MCERTS
Moisture Content (Wet Weight)	Moisture content (% wet weight), determined gravimetrically (up to 30°C)	In-house-procedure based on BS EN 12880:2000	L019B	W	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight	In-house method based on British Standard Methods and MCERTS requirements.	L019B	D	NONE
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil	L038B	D	MCERTS
Cations in soil by ICP-OES	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil	L038B	D	ISO 17025
Sulphate, water soluble, in soil (16hr extraction)	Sulphate, water soluble, in soil (16hr extraction)	In-house method	L038B	D	MCERTS
Hexavalent chromium in soil by Ion Chromatography	Determination of hexavalent chromium in alkaline soil extract by use of ion chromatography with spectrophotometric detection	In-house method	L130B	W	NONE
Speciated PAHs and/or Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds (including PAH) in soil by extraction in dichloromethane and hexane followed by GC-MS	In-house method based on USEPA 8270	L064B	D	MCERTS
BTEX and/or Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS	In-house method based on USEPA 8260	L073B	W	MCERTS
Total petroleum hydrocarbons with carbon banding by GC-FID in soil	Determination of total petroleum hydrocarbons in soil by GC-FID with carbon banding aliphatic and aromatic	In-house method	L076B	D	MCERTS
Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil (Summed Bands)	Determination of total petroleum hydrocarbons in soil by GC-FID/GC-MS HS with carbon banding aliphatic and aromatic (Summed Bands).	Calculation	L076B/L088-PL	D/W	NONE
Chromium III in soil	In-house method by calculation from total Cr and Cr VI	In-house method by calculation	L080-PL/L130B	W	NONE
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry	In-house method	L080-PL	W	MCERTS
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L080-PL	W	MCERTS

Analytical Report Number : 26-002333

Project / Site name: Coldharbour Rd, Gravesend

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Total petroleum hydrocarbons with carbon banding by HS-GC/MS in soil	Determination of total petroleum hydrocarbons in soil by HS-GC/MS with carbon banding aliphatic and aromatic	In-house method	L088-PL	W	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement	In-house method	L099-PL	D	MCERTS
Soil Descriptions	Textural classification	In-house method	L019B	W	NONE

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Quality control parameter failure associated with individual result applies to calculated sum of individuals.

The result for sum should be interpreted with caution

*U/S g- Unsuitable for analysis due to high colour intensity.

**t- No additional VOC container submitted for provision of repeat/dilution. The result should be considered as deviating and should be interpreted with caution.

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Analytical Report Number : 26-003921

Project / Site name:	Coldharbour Rd Gravesend	Samples received on:	27/01/2026
Your job number:	AG3571A-25	Samples instructed on/ Analysis started on:	27/01/2026
Your order number:	21954	Analysis completed by:	06/02/2026
Report Issue Number:	1	Report issued on:	06/02/2026
Samples Analysed:	4 soil samples		



Signed:

Rachel Chappell
Key Account Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting
air	- once the analysis is complete

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Retention period for records and reports is minimum 6 years from the date of issue of the final report.
Some records may be kept for longer according to other legal/best practice requirements.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 26-003921

Project / Site name: Coldharbour Rd Gravesend

Your Order No: 21954

Lab Sample Number	812404	812405	812406	812407
Sample Reference	TS13	TS14	TS23	TS25
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.20	0.30	0.20
Date Sampled	26/01/2026	26/01/2026	26/01/2026	26/01/2026
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	23	21	25	29
Total mass of sample received	kg	0.1	NONE	1.3	1.3	1.3	1.6

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	JWU	JWU	JWU	JWU
Analysis completed	N/A	N/A	N/A	04/02/2026	04/02/2026	04/02/2026	04/02/2026

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	8.1	8.2	8.2	8.2
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	310	390	330	340
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	157	195	164	170
Organic Matter (automated)	%	0.1	MCERTS	5.5	4.8	6.4	5

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.07	< 0.05	0.08	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	0.18	< 0.05	0.18	0.1
Pyrene	mg/kg	0.05	MCERTS	0.16	< 0.05	0.18	0.09
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.12	< 0.05	0.12	0.07
Chrysene	mg/kg	0.05	MCERTS	0.1	< 0.05	0.11	0.07
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.15	< 0.05	0.15	0.1
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	< 0.05	0.07	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.11	< 0.05	0.12	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.07	< 0.05	0.07	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.06	< 0.05	0.07	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	1.01	< 0.80	1.15	< 0.80
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Analytical Report Number: 26-003921

Project / Site name: Coldharbour Rd Gravesend

Your Order No: 21954

Lab Sample Number	812404	812405	812406	812407
Sample Reference	TS13	TS14	TS23	TS25
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.20	0.30	0.20
Date Sampled	26/01/2026	26/01/2026	26/01/2026	26/01/2026
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	13	13	13	13
Beryllium (aqua regia extractable)	mg/kg	0.06	MCERTS	0.52	0.51	0.61	0.59
Boron (total)	mg/kg	1	MCERTS	19	19	22	22
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	U/S ^{+U/S g}	U/S ^{+U/S g}	U/S ^{+U/S g}	U/S ^{+U/S g}
Chromium (III)	mg/kg	1	NONE	U/S ^{+U/S g}	U/S ^{+U/S g}	U/S ^{+U/S g}	U/S ^{+U/S g}
Chromium (hexavalent) by IC	mg/kg	1.8	NONE	< 1.80	< 1.80	< 1.80	< 1.80
Chromium (III) by IC	mg/kg	1	NONE	31	31	31	30
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	31	31	31	30
Copper (aqua regia extractable)	mg/kg	1	MCERTS	20	18	22	21
Lead (aqua regia extractable)	mg/kg	1	MCERTS	47	22	27	27
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	21	21	23	23
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	59	59	59	58
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	82	64	77	79

Magnesium (aqua regia extractable)	mg/kg	20	ISO 17025	1900	1800	2200	2200
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Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	12	< 8.0	< 8.0
TPHCWG - Aliphatic >EC35 - EC44 EH_CU_1D_AL	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4
TPHCWG - Aliphatic >EC5 - EC35 EH_CU+HS_1D_AL	mg/kg	10	NONE	< 10	12	< 10	< 10
TPHCWG - Aliphatic >EC5 - EC44 EH_CU+HS_1D_AL	mg/kg	10	NONE	< 10	12	< 10	< 10

TPHCWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.02	MCERTS	< 0.020	< 0.020	< 0.020	< 0.020
TPHCWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aromatic >EC12 - EC16 EH_CU_1D_AR	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0
TPHCWG - Aromatic >EC16 - EC21 EH_CU_1D_AR	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC21 - EC35 EH_CU_1D_AR	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC35 - EC44 EH_CU_1D_AR	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4
TPHCWG - Aromatic >EC5 - EC35 EH_CU+HS_1D_AR	mg/kg	10	NONE	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC5 - EC44 EH_CU+HS_1D_AR	mg/kg	10	NONE	< 10	< 10	< 10	< 10

TPH Total >EC5 - EC44 EH_CU+HS_1D_TOTAL	mg/kg	10	NONE	< 10	12	< 10	< 10
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Analytical Report Number: 26-003921

Project / Site name: Coldharbour Rd Gravesend

Your Order No: 21954

Lab Sample Number	812404	812405	812406	812407
Sample Reference	TS13	TS14	TS23	TS25
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.20	0.30	0.20
Date Sampled	26/01/2026	26/01/2026	26/01/2026	26/01/2026
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number : 26-003921

Project / Site name: Coldharbour Rd Gravesend

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
812404	TS13	None Supplied	0.1	Brown loam and sand with gravel and vegetation
812405	TS14	None Supplied	0.2	Brown loam and sand with gravel and vegetation
812406	TS23	None Supplied	0.3	Brown loam and clay with gravel and vegetation
812407	TS25	None Supplied	0.2	Brown loam and clay with gravel and vegetation

Analytical Report Number : 26-003921

Project / Site name: Coldharbour Rd Gravesend

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in Soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques	In-house method based on HSG 248, 2021	A001B	D	ISO 17025
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate (Walkley Black Method)	In-house method	L009B	D	MCERTS
Moisture Content (Wet Weight)	Moisture content (% wet weight), determined gravimetrically (up to 30°C)	In-house-procedure based on BS EN 12880:2000	L019B	W	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight	In-house method based on British Standard Methods and MCERTS requirements.	L019B	D	NONE
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil	L038B	D	MCERTS
Cations in soil by ICP-OES	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil	L038B	D	ISO 17025
Sulphate, water soluble, in soil (16hr extraction)	Sulphate, water soluble, in soil (16hr extraction)	In-house method	L038B	D	MCERTS
Hexavalent chromium in soil by Ion Chromatography	Determination of hexavalent chromium in alkaline soil extract by use of ion chromatography with spectrophotometric detection	In-house method	L130B	W	NONE
Speciated PAHs and/or Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds (including PAH) in soil by extraction in dichloromethane and hexane followed by GC-MS	In-house method based on USEPA 8270	L064B	D	MCERTS
BTEX and/or Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS	In-house method based on USEPA 8260	L073B	W	MCERTS
Total petroleum hydrocarbons with carbon banding by GC-FID in soil	Determination of total petroleum hydrocarbons in soil by GC-FID with carbon banding aliphatic and aromatic	In-house method	L076B	D	MCERTS
Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil (Summed Bands)	Determination of total petroleum hydrocarbons in soil by GC-FID/GC-MS HS with carbon banding aliphatic and aromatic (Summed Bands).	Calculation	L076B/L088-PL	D/W	NONE
Chromium III in soil	In-house method by calculation from total Cr and Cr VI	In-house method by calculation	L080-PL/L130B	W	NONE
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry	In-house method	L080-PL	W	MCERTS
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L080-PL	W	MCERTS

Analytical Report Number : 26-003921

Project / Site name: Coldharbour Rd Gravesend

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Total petroleum hydrocarbons with carbon banding by HS-GC/MS in soil	Determination of total petroleum hydrocarbons in soil by HS-GC/MS with carbon banding aliphatic and aromatic	In-house method	L088-PL	W	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement	In-house method	L099-PL	D	MCERTS
Soil Descriptions	Textural classification	In-house method	L019B	W	NONE

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Quality control parameter failure associated with individual result applies to calculated sum of individuals.

The result for sum should be interpreted with caution

*U/S g- Unsuitable for analysis due to high colour intensity.

COVER LAYER VALIDATION TESTING

Site: Former Battle of Britain Site, Coldharbour Road, Northfleet
Job No: AG3571A-25

Land Use: Residential with Plant Uptake
Dataset: Topsoil
Soil Organic Matter (%): 2.5 %

Exploratory Hole Reference		TS01	TS04	TS11	TS12	TS13	TS14	TS23	TS25	No. of samples (n)	Topsoil Screening Criteria (based on Residential with Plant Uptake 2.5% SOM & BS3882:2015)	Source/Justification
Depth (m)		0.1	0.2	0.25	0.15	0.10	0.20	0.30	0.20			
Date Sampled		15/01/2026	15/01/2026	15/01/2026	15/01/2026	26/01/2026	26/01/2026	26/01/2026	26/01/2026			
Strata		Topsoil	Topsoil	Topsoil	Topsoil	Topsoil	Topsoil	Topsoil	Topsoil			
	Units											
Organic Matter (%)	%	5.7	4.5	4.5	4.7	5.5	4.8	6.4	5	8		
pH		8.2	7.9	7.3	8.5	8.1	8.2	8.2	8.2	8		
Asbestos		ND	ND	ND	ND	ND	ND	ND	ND	8	Detected	
Arsenic	mg/kg	12	12	13	12	13	13	13	13	8	37	LQM/CIEH S4UL (2015)
Beryllium	mg/kg	0.52	0.56	0.61	0.56	0.52	0.51	0.61	0.59	8	1.7	LQM/CIEH S4UL (2015)
Boron (total)	mg/kg	19	20	22	21	19	19	22	22	8	290	LQM/CIEH S4UL (2015)
Cadmium	mg/kg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	8	11	LQM/CIEH S4UL (2015)
Chromium	mg/kg	30	74	34	30	31	31	31	30	8	910	
Chromium (III)	mg/kg	30	74	34	30	31	31	31	30	8	910	LQM/CIEH S4UL (2015)
Chromium (Hexavalent)	mg/kg	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	8	6	LQM/CIEH S4UL (2015)
Copper	mg/kg	16	25	21	17	20	18	22	21	8	200	BS3882 (2015)
Lead	mg/kg	21	37	24	23	47	22	27	27	8	200	C4SL (2014)
Mercury	mg/kg	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	8	40	LQM/CIEH S4UL (2015)
Nickel	mg/kg	22	23	25	22	21	21	23	23	8	110	BS3882 (2015)
Selenium	mg/kg	1	1.1	1	1	1	1	1	1	8	250	LQM/CIEH S4UL (2015)
Vanadium	mg/kg	54	71	61	56	59	59	59	58	8	410	LQM/CIEH S4UL (2015)
Zinc	mg/kg	65	87	74	68	82	64	77	79	8	300	BS3882 (2015)
Naphthalene	mg/kg	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	8	5.6	LQM/CIEH S4UL (2015)
Acenaphthylene	mg/kg	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	8	510	LQM/CIEH S4UL (2015)
Acenaphthene	mg/kg	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	8	420	LQM/CIEH S4UL (2015)
Fluorene	mg/kg	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	8	400	LQM/CIEH S4UL (2015)
Phenanthrene	mg/kg	0.05	0.1	0.05	0.09	0.07	0.05	0.08	0.05	8	220	LQM/CIEH S4UL (2015)
Anthracene	mg/kg	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	8	1000	*
Fluoranthene	mg/kg	0.05	0.36	0.06	0.14	0.18	0.05	0.18	0.1	8	560	LQM/CIEH S4UL (2015)
Pyrene	mg/kg	0.05	0.37	0.07	0.12	0.16	0.05	0.18	0.09	8	1000	*
Benzo[a]anthracene	mg/kg	0.05	0.25	0.1	0.05	0.12	0.05	0.12	0.07	8	11	LQM/CIEH S4UL (2015)
Chrysene	mg/kg	0.05	0.27	0.08	0.05	0.1	0.05	0.11	0.07	8	22	LQM/CIEH S4UL (2015)
Benzo[b]fluoranthene	mg/kg	0.05	0.31	0.14	0.05	0.15	0.05	0.15	0.1	8	3.3	LQM/CIEH S4UL (2015)
Benzo[k]fluoranthene	mg/kg	0.05	0.19	0.06	0.05	0.05	0.05	0.07	0.05	8	93	LQM/CIEH S4UL (2015)
Benzo[a]pyrene	mg/kg	0.05	0.28	0.11	0.05	0.11	0.05	0.12	0.05	8	2.7	LQM/CIEH S4UL (2015)
Indeno[1,2,3-cd]pyrene	mg/kg	0.05	0.17	0.06	0.05	0.07	0.05	0.07	0.05	8	36	LQM/CIEH S4UL (2015)
Dibenzo[a,h]anthracene	mg/kg	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	8	0.28	LQM/CIEH S4UL (2015)
Benzo[g,h,i]perylene	mg/kg	0.05	0.18	0.05	0.05	0.06	0.05	0.07	0.05	8	340	LQM/CIEH S4UL (2015)
Total of 16 PAHs	mg/kg	0.8	2.47	0.8	0.8	1.01	0.8	1.15	0.8	8	1000	*
Phenols (Total)	mg/kg	1	1	1	1	1	1	1	1	8	200	LQM/CIEH S4UL (2015)
TPHCWG - Aliphatic >EC5 - EC6	mg/kg	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	8	160	LQM/CIEH S4UL (2015)
TPHCWG - Aliphatic >EC6 - EC8	mg/kg	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	8	530	LQM/CIEH S4UL (2015)
TPHCWG - Aliphatic >EC8 - EC10	mg/kg	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	8	150	LQM/CIEH S4UL (2015)
TPHCWG - Aliphatic >EC10 - EC12	mg/kg	1	1	1	1	1	1	1	1	8	1000	LQM/CIEH S4UL (2015)
TPHCWG - Aliphatic >EC12 - EC16	mg/kg	2	2	2	2	2	2	2	2	8	1000	*
TPHCWG - Aliphatic >EC16 - EC21	mg/kg	8	8	8	8	8	8	8	8	8	1000	*
TPHCWG - Aliphatic >EC21 - EC35	mg/kg	8	8	8	8	8	12	8	8	8	1000	*
TPHCWG - Aliphatic >EC35 - EC44	mg/kg	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8	1000	*
TPHCWG - Aliphatic >EC5 - EC44	mg/kg	10	10	10	10	10	12	10	10	8	-	
TPHCWG - Aromatic >EC5 - EC7	mg/kg	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	8	300	LQM/CIEH S4UL (2015)
TPHCWG - Aromatic >EC7 - EC8	mg/kg	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.014	8	660	LQM/CIEH S4UL (2015)
TPHCWG - Aromatic >EC8 - EC10	mg/kg	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	8	190	LQM/CIEH S4UL (2015)
TPHCWG - Aromatic >EC10 - EC12	mg/kg	1	1	1	1	1	1	1	1	8	380	LQM/CIEH S4UL (2015)
TPHCWG - Aromatic >EC12 - EC16	mg/kg	2	2	2	2	2	2	2	2	8	660	LQM/CIEH S4UL (2015)
TPHCWG - Aromatic >EC16 - EC21	mg/kg	10	10	10	10	10	10	10	10	8	930	LQM/CIEH S4UL (2015)
TPHCWG - Aromatic >EC21 - EC35	mg/kg	10	10	10	10	10	10	10	10	8	1000	*
TPHCWG - Aromatic >EC35 - EC44	mg/kg	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8	1000	*
TPHCWG - Aromatic >EC5 - EC44	mg/kg	10	10	10	10	10	10	10	10	8	-	
TPH Total >EC5 - EC4	mg/kg	10	10	10	10	10	12	10	10	8	1000	*
Benzene	mg/kg	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	8	0.17	LQM/CIEH S4UL (2015)
Toluene	mg/kg	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.014	8	290	LQM/CIEH S4UL (2015)
Ethylbenzene	mg/kg	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	8	110	LQM/CIEH S4UL (2015)
m&p Xylene	mg/kg	0.008	0.008	0.008	0.008	0.005	0.005	0.005	0.008	8	130	LQM/CIEH S4UL (2015)
o-Xylene	mg/kg	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	8	140	LQM/CIEH S4UL (2015)
Methyl Tert-Butyl Ether	mg/kg	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	8	0.005	Detection Limit

Key -
Value within sample set exceeds screening value
ND- Not detected
LQM/CIEH S4UL Reference No. S4UL3159 (2015)
Values in **bold** are reported at the laboratory limit of detection

U/S - Unsuitable for analysis due to high discrepancy between Hexavalent Chromium and dissolved Chromium results caused by methods difference.
* Individual PAH compounds and TPH fractions have S4UL's in excess of 1000mg/kg, therefore no specific limits are proposed as overall limits of 1000mg/kg TPH and 1000mg/kg PAH are to be adhered to.