

APPENDIX C

TOPSOIL ANALYSIS REPORT



TIM O'HARE ASSOCIATES
SOIL & LANDSCAPE CONSULTANCY

Mr Mike Jupp
The Woodhorn Group
Woodhorn Business Centre
Woodhorn Lane
Oving
Chichester
West Sussex PO20 2BX

9th June 2025

Our Ref: TOHA/25/1850/SS

Your Ref: PO 40072

Dear Sirs

Topsoil Analysis Report: Tangmere Composting Site, Chichester – 10mm Batch Z7

We have completed the analysis of the soil sample recently submitted, referenced *10mm Batch Z7*, and have pleasure reporting our findings.

The purpose of the analysis was to determine the suitability of the sample for general landscape purposes (trees, shrubs, amenity grass). In addition, this sample has been assessed to determine its compliance with the requirements of the British Standard for Topsoil (*BS3882:2015 – Specification for Topsoil – Table 1, Multipurpose Topsoil*).

This report presents the results of analysis for the sample submitted to our office, and it should be considered 'indicative' of the topsoil source. The report and results should therefore not be used by third parties as a means of verification or validation testing or waste designation purposes, especially after the topsoil has left the Woodhorn Group site.

SAMPLE EXAMINATION

The sample was described as a dark brown (Munsell Colour 7.5YR 3/3), slightly moist, friable, moderately calcareous LOAMY SAND with a weakly developed, fine granular structure*. The sample was slightly stony and contained a moderate proportion of organic fines and occasional woody fragments. No unusual odours or deleterious materials were observed.

*This appraisal of soil structure was made from examination of a disturbed sample. Structure is a key soil characteristic that may only be accurately assessed by examination in an in-situ state.

Tim O'Hare Associates LLP

Howb

ANALYTICAL SCHEDULE

The sample was submitted to a UKAS and MCERTS accredited laboratory for a range of physical and chemical tests to confirm the composition and fertility of the soil, and the concentration of selected potential contaminants. The following parameters were determined:

- particle size analysis (sand, silt, clay);
- stone content (2-20mm, 20-50mm, >50mm);
- pH and electrical conductivity values;
- exchangeable sodium percentage;
- major plant nutrients (N, P, K, Mg);
- organic matter content;
- C:N ratio;
- heavy metals (As, B, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn);
- total cyanide and total (mono) phenols;
- speciated PAHs (US EPA16 suite);
- aromatic and aliphatic TPH (C5-C35 banding);
- benzene, toluene, ethylbenzene, xylene (BTEX);
- asbestos screen.

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

RESULTS OF ANALYSIS

Particle Size Analysis and Stone Content

The sample fell into the *loamy sand* texture class, which is usually considered suitable for general landscape applications provided the physical condition of the soil is satisfactory.

The stone content of the sample was low and, as such, stones should not restrict the use of the soil for general landscape purposes.

pH and Electrical Conductivity Values

The sample was strongly alkaline in reaction (pH 8.0). This pH value would be considered suitable for general landscape purposes provided species with a wide pH tolerance or those known to prefer alkaline, calcareous soils are selected for planting, turfing and seeding.

The electrical conductivity (salinity) value (water extract) was moderate, which indicates that soluble salts should not be present at levels that would be harmful to plants.

The electrical conductivity value by CaSO₄ extract (BS3882 requirement) of the sample (3336 µS/cm) slightly exceeded the maximum specified value (3300 µS/cm) given in BS3882:2015 – Table 1.

Organic Matter and Fertility Status

The sample was adequate to well supplied with organic matter and all major plant nutrients.

The level of extractable potassium in the sample (1515 mg/l) slightly exceeded the maximum specified value (1500 mg/l) given in BS3882:2015 – Table 1.

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

Potential Contaminants

With reference to *BS3882:2015 - Table 1*: Notes 3 and 4, there is a requirement to confirm levels of potential contaminants in relation to the topsoil's proposed end use. This includes human health, environmental protection and metals considered toxic to plants. In the absence of 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 (S4ULs) presented in *The LQM/CIEH S4ULs for Human Health Risk Assessment* (2015) and the DEFRA SP1010: *Development of Category 4 Screening Levels (C4SLs) for Assessment of Land Affected by Contamination – Policy Companion Document* (2014).

Of the potential contaminants determined, none exceeded their respective guideline values.

Phytotoxic Contaminants

Of the phytotoxic (toxic to plants) contaminants determined (copper, nickel, zinc), none was found at levels that exceeded the maximum permissible levels specified in *BS3882:2015 – Table 1*.

CONCLUSION

The purpose of the analysis was to determine the suitability of the topsoil sample for general landscape purposes. The analysis has also been undertaken to determine the sample's compliance with the requirements of the British Standard for Topsoil (*BS3882:2015 – Specification for Topsoil – Table 1, Multipurpose Topsoil*).

From the soil examination and subsequent laboratory analysis, the sample was described as a strongly alkaline, moderately saline, moderately calcareous *loamy sand* with a weakly developed structure and low stone content. The sample was adequate to well supplied with organic matter and all major plant nutrients; the extractable potassium content was slightly high. Of the potential contaminants determined, none exceeded their respective guideline values.

To conclude, based on our findings, the topsoil represented by this sample would be considered suitable for general landscape purposes (trees, shrubs and amenity grass), provided species with a wide pH tolerance or those known to prefer alkaline, calcareous soils are selected and the physical condition of the soil is satisfactory. The slightly elevated potassium level should reduce over time through wetting by irrigation and / or rainfall. As such, this level would not be considered detrimental to plant growth.

The sample was largely compliant with the requirements of the British Standard for Topsoil (*BS3882:2015 – Specification for Topsoil – Table 1, Multipurpose Topsoil*) with the exception of slightly elevated levels of electrical conductivity (by CaSO_4 extract) and extractable potassium. On this occasion, these non-compliances are considered minor when reviewed in the context of all the other results and considering the proposed end-use of this soil.

RECOMMENDATIONS

Soil Handling Recommendations

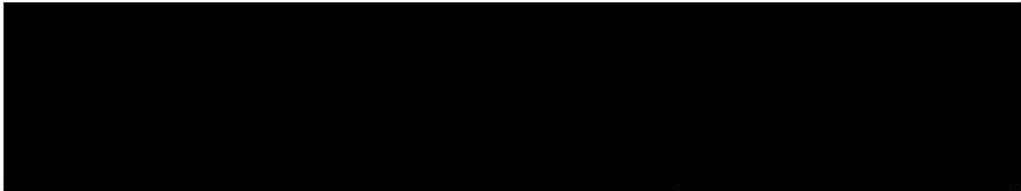
It is important to maintain the physical condition of the soil and avoid structural damage during all phases of soil handling (e.g. stockpiling, spreading, cultivating, planting, seeding or turfing). As a consequence, soil handling operations should be carried out when soil is reasonably dry and non-plastic (friable) in consistency.

It is important to ensure that the soil is not unnecessarily compacted by trampling or trafficking by site machinery, and soil handling should be stopped during and after heavy rainfall and not continued until the soil is friable in consistency. If the soil is structurally damaged and compacted at any stage during the course of soiling or landscaping works, it should be cultivated appropriately to relieve the compaction and to restore the soil's structure prior to any planting, turfing or seeding.

Further details on soil handling are provided in Annex A of *BS3882:2015*.

We hope this report meets with your approval and provides the necessary information. Please do not hesitate to contact the undersigned if we can be of further assistance.

Yours faithfully



Neema Senthil Kumar
BSc MSc
Graduate Soil Scientist

Rebecca Roberts
BSc MSc MSoilSci
Senior Soil Scientist

For & on behalf of Tim O'Hare Associates LLP



Client:	The Woodhorn Group
Project:	Tangmere Compost Site - Chichester
Job:	Topsoil Analysis - BS3882:2015
Date:	09/06/2025
Job Ref No:	TOHA/25/1850/SS

Sample Reference		Accreditation
Clay (<0.002mm)	%	UKAS
Silt (0.002-0.05mm)	%	UKAS
Sand (0.05-2.0mm)	%	UKAS
Texture Class (UK Classification)	—	UKAS
Stones (2-20mm)	% DW	GLP
Stones (20-50mm)	% DW	GLP
Stones (>50mm)	% DW	GLP

pH Value (1:2.5 water extract)	units	UKAS
Electrical Conductivity (1:2.5 water extract)	uS/cm	UKAS
Electrical Conductivity (1:2 CaSO ₄ extract)	uS/cm	UKAS
Exchangeable Sodium Percentage	%	UKAS
Organic Matter (LOI)	%	UKAS
Total Nitrogen (Dumas)	%	UKAS
C : N Ratio	ratio	UKAS
Extractable Phosphorus	mg/l	UKAS
Extractable Potassium	mg/l	UKAS
Extractable Magnesium	mg/l	UKAS

Total Arsenic (As)	mg/kg	MCERTS
Total Cadmium (Cd)	mg/kg	MCERTS
Total Chromium (Cr)	mg/kg	MCERTS
Hexavalent Chromium (Cr VI)	mg/kg	MCERTS
Total Copper (Cu)	mg/kg	MCERTS
Total Lead (Pb)	mg/kg	MCERTS
Total Mercury (Hg)	mg/kg	MCERTS
Total Nickel (Ni)	mg/kg	MCERTS
Total Selenium (Se)	mg/kg	MCERTS
Total Zinc (Zn)	mg/kg	MCERTS
Water Soluble Boron (B)	mg/kg	MCERTS
Total Cyanide (CN)	mg/kg	MCERTS
Total (mono) Phenols	mg/kg	MCERTS

Naphthalene	mg/kg	MCERTS
Acenaphthylene	mg/kg	MCERTS
Acenaphthene	mg/kg	MCERTS
Fluorene	mg/kg	MCERTS
Phenanthrene	mg/kg	MCERTS
Anthracene	mg/kg	MCERTS
Fluoranthene	mg/kg	MCERTS
Pyrene	mg/kg	MCERTS
Benz(a)anthracene	mg/kg	MCERTS
Chrysene	mg/kg	MCERTS
Benzo(b)fluoranthene	mg/kg	MCERTS
Benzo(k)fluoranthene	mg/kg	MCERTS
Benzo(a)pyrene	mg/kg	MCERTS
Indeno(1,2,3-cd)pyrene	mg/kg	MCERTS
Dibenzo(a,h)anthracene	mg/kg	MCERTS
Benzo(g,h,i)perylene	mg/kg	MCERTS
Total PAHs (sum USEPA16)	mg/kg	MCERTS

Aliphatic TPH >C5 - C6	mg/kg	MCERTS
Aliphatic TPH >C6 - C8	mg/kg	MCERTS
Aliphatic TPH >C8 - C10	mg/kg	MCERTS
Aliphatic TPH >C10 - C12	mg/kg	MCERTS
Aliphatic TPH >C12 - C16	mg/kg	MCERTS
Aliphatic TPH >C16 - C21	mg/kg	MCERTS
Aliphatic TPH >C21 - C35	mg/kg	MCERTS
Aliphatic TPH (C5 - C35)	mg/kg	MCERTS
Aromatic TPH >C5 - C7	mg/kg	MCERTS
Aromatic TPH >C7 - C8	mg/kg	MCERTS
Aromatic TPH >C8 - C10	mg/kg	MCERTS
Aromatic TPH >C10 - C12	mg/kg	MCERTS
Aromatic TPH >C12 - C16	mg/kg	MCERTS
Aromatic TPH >C16 - C21	mg/kg	MCERTS
Aromatic TPH >C21 - C35	mg/kg	MCERTS
Aromatic TPH (C5 - C35)	mg/kg	MCERTS

Benzene	mg/kg	MCERTS
Toluene	mg/kg	MCERTS
Ethylbenzene	mg/kg	MCERTS
p & m-xylene	mg/kg	MCERTS
o-xylene	mg/kg	MCERTS
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	MCERTS

Asbestos Screen	ND/D	ISO 17025
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LS = LOAMY SAND

Visual Examination

The sample was described as a dark brown (Munsell Colour 7.5YR 3/3), slightly moist, friable, moderately calcareous LOAMY SAND with a weakly developed, fine granular structure. The sample was slightly stony and contained a moderate proportion of organic fines and occasional woody fragments. No unusual odours or deleterious materials were observed.

Results of analysis should be read in conjunction with the report they were issued with

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10mm Batch Z7

7
8
85
LS
7
0
0

8.0
1109
3336
4.4
4.6
0.28
9
53
1515
109

8
< 0.2
13
< 1.8
15
15
< 0.3
7
< 1.0
45
2.2
1
< 1.0

< 0.05
< 0.05
< 0.05
< 0.05
< 0.05
< 0.05
0.14
0.14
0.08
0.10
0.16
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0.11
0.08
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0.11
0.93

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< 0.010
< 1.0
< 2.0
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< 2.0
< 10
< 10
< 10

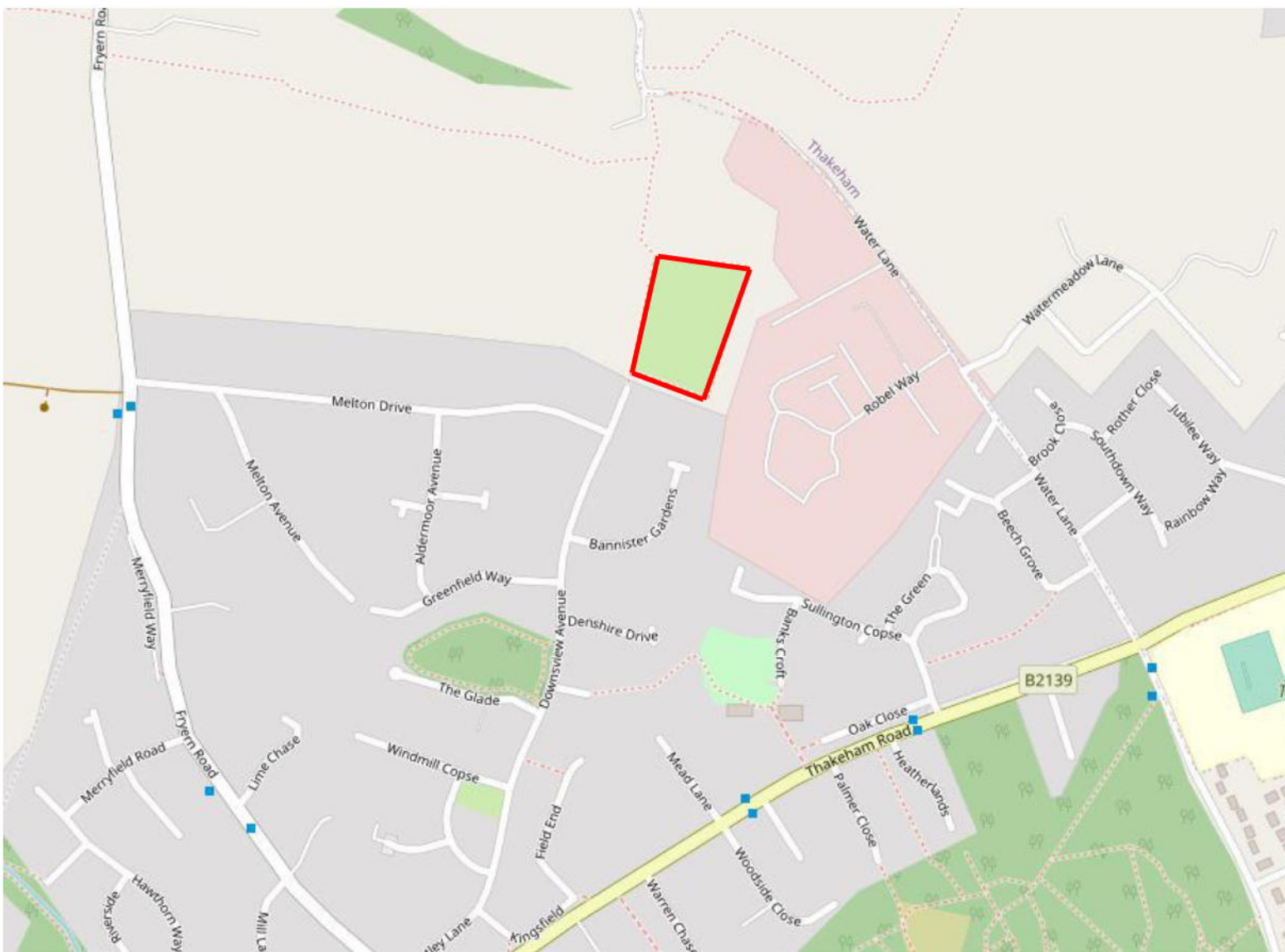
< 0.005
< 0.005
< 0.005
< 0.008
< 0.005
< 0.005

Not-detected

Neema Senthil Kumar
BSc MSc
Graduate Soil Scientist

APPENDIX D

SUBSOIL SOURCE INFORMATION



Client:

Croudace Homes Ltd

Date:

10/07/2020

Project ID:

LP2254

Project:

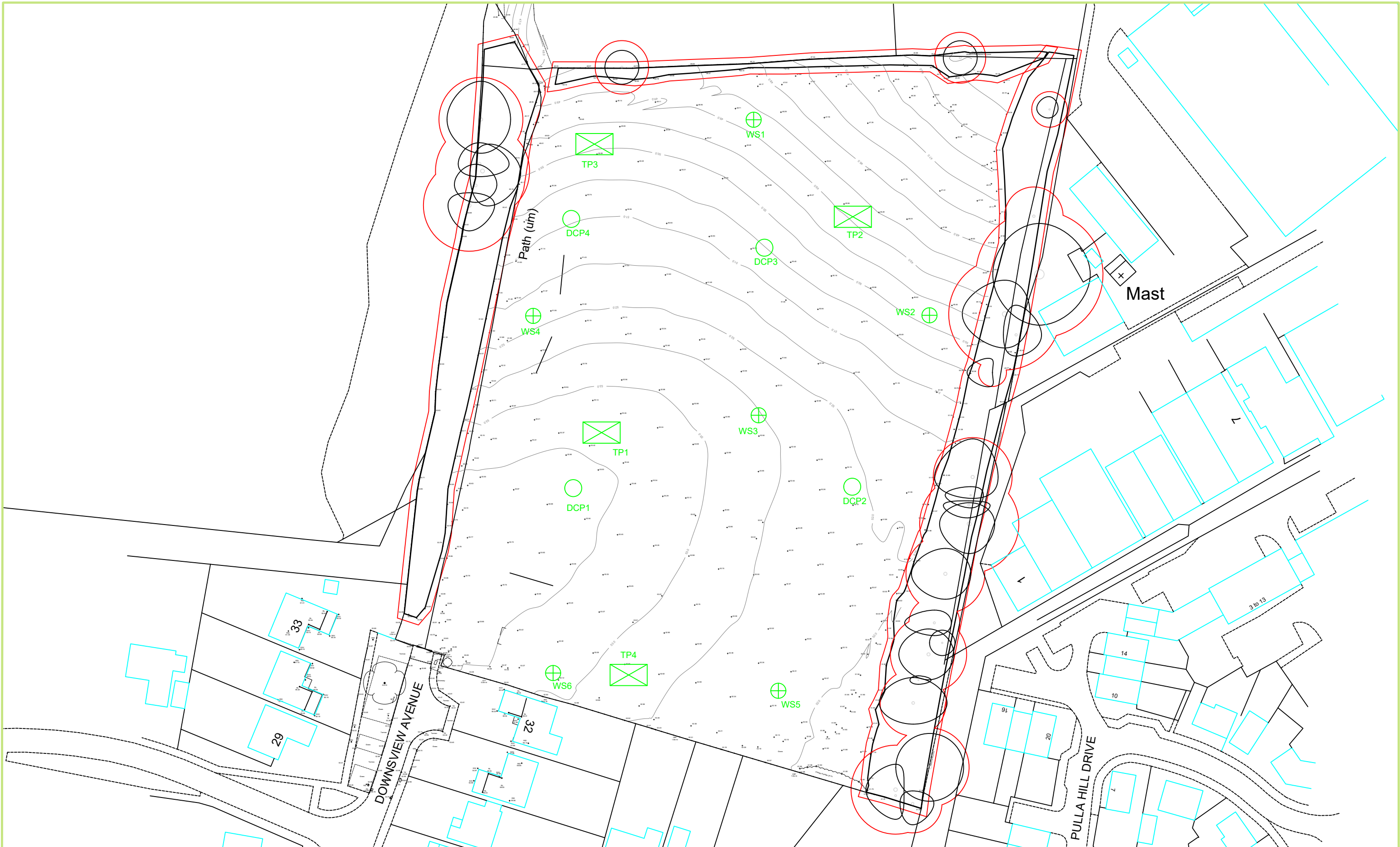
Land North of
Downsview Avenue,
Storrington, RH20 4PU

Title:

Site Boundary

Fig. No.

I



Basemap: Provided by Client - Ordnance Survey
Note 1: Exploratory holes have been positioned by local measurements made by site engineer/handheld GPS survey and should therefore only be taken as approximate
Note 2: Exploratory holes shown are not to scale

	Client	Croudace Homes	Date	July 2020	Project Ref.	LP2254
	Project	Land to North of Downsview, Storrington		Scale		Fig No.
	Title	Borehole Location Plan		at A4	NTS	

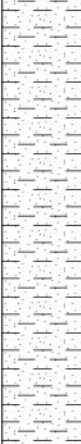
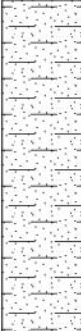
 Leap Environmental Ltd The Atrium, Curtis Road 				Trial Pit Log				Trialpit No TP1 Sheet 1 of 1	
Project Name: Downview Avenue, Storrington				Project No. LP2254		Co-ords: 509331 - 115207 Level: 53.43		Date 04/06/2020	
Location: Downview Avenue, Storrington, West Sussex, RH20 4PU						Dimensions (m): 1.8 		Scale 1:25	
Client: Croudace Homes						Depth 2.90		Logged ADC	

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES	N=22	0.10	53.33		Grass over light orangish brown slightly sandy silty TOPSOIL.	1 2 3 4 5
				0.30	53.13		Light orangish brown slightly sandy slightly silty SUBSOIL.	
							Firm becoming stiff light brown to orangish brown laminated sandy CLAY.	
	0.80	D					Hand Pen at 0.8m = 370kPa Medium dense light orangish brown clayey fine SAND.	
	1.40	D					becomes dark orange below 1.5m bgl	
	1.80	D					Extremely weak orange and grey laminated very silty SANDSTONE recovered as gravelly sand.	
							Slightly damp at 1.7m bgl	
	2.60	D						
								
					2.90	50.53		

Remarks:	Trial pit remained dry and stable. Excavation was backfilled with gravel to 1.0m bgl and arising to ground level. A 110mm slotted monitoring pipe was installed.	
Stability:	Stable	



 Leap Environmental Ltd The Atrium, Curtis Road [Redacted] XA www.leapenvironmental.com				Trial Pit Log				Trialpit No TP2 Sheet 1 of 1	
Project Name: Downview Avenue, Storrington				Project No. LP2254		Co-ords: 509387 - 115251 Level: 49.66		Date 04/06/2020	
Location: Downview Avenue, Storrington, West Sussex, RH20 4PU						Dimensions (m): 1.9 0.5 3.00		Scale 1:25	
Client: Croudace Homes						Depth 3.00		Logged ADC	

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.15	49.51		Grass over light brown slightly gravelly silty TOPSOIL. Gravel is medium to coarse flint.	1
				0.40	49.26		Light brown slightly gravelly silty SUBSOIL.	
							Firm orangish brown slightly silty slightly sandy CLAY. Sand is fine.	
	0.90	D	N=11				Hand Pen at 0.9m = 140kPa Becoming sandier with depth	
	1.90	D		1.90	47.76		Medium dense orange slightly silty clayey SAND with abundant very weak dark grey siltstone. Occasional sandy clay pockets throughout.	2
	2.50	B						
				3.00	46.66		End of pit at 3.00 m	3
								4
								5

Remarks: Trial pit remained dry and stable. Excavation was backfilled with gravel to 1.2m bgl and arising to ground level. A 110mm slotted monitoring pipe was installed.	
Stability: Stable	



Leap Environmental Ltd
The Atrium, Curtis Road

Trial Pit Log

Trialpit No

TP3

Sheet 1 of 1

Project Name: Downview Avenue, Storrington

Project No.
LP2254

Co-ords: 509328 - 115280

Level:

Date

04/06/2020

Location: Downview Avenue, Storrington, West Sussex, RH20 4PU

Dimensions
(m):

Depth
3.00

Scale

1:25

Logged
ADC

Client: Croudace Homes

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.15	ES	N=19	0.30			Grass over light brown silty TOPSOIL.	
							Firm light orangish brown slightly silty sandy CLAY. Sand is fine.	
	0.80	D					Hand Pen at 0.8m = 120kPa	1
	1.60	D		1.60			Medium dense light yellowish brown silty gravelly SAND. Sand is fine. Gravel is fine to coarse sub-angular extremely weak to very weak silty sandstone.	2
	2.30	B		2.30			Very weak light orangish brown laminated silty SANDSTONE recovered as sandy gravel.	
	2.70	D		2.60 2.80			Medium dense dark orange slightly gravelly clayey SAND. Gravel is fine to coarse extremely weak dark grey mudstone.	
	3.00	D		3.00			Medium dense orange brown slightly silty gravelly SAND.	3
							End of pit at 3.00 m	4
								5

Remarks: Trial pit remained dry and stable. Trial pit was reinstated in reverse order.

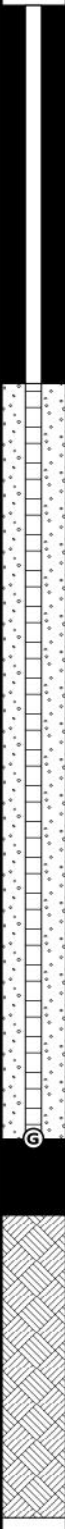
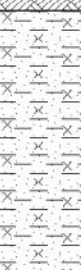
Stability: Stable

AGS

 Leap Environmental Ltd The Atrium, Curtis Road 		Trial Pit Log		Trialpit No TP4 Sheet 1 of 1	
Project Name: Downview Avenue, Storrington		Project No. LP2254	Co-ords: 509336 - 115153 Level: 52.84		Date 04/06/2020
Location: Downsview Avenue, Storrington, West Sussex, RH20 4PU			Dimensions (m): 2 0.5		Scale 1:25
Client: Croudace Homes			Depth 2.90		Logged ADC

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES	N=45	0.25	52.59		Grass over light brown slightly gravelly silty TOPSOIL.	
							Firm becoming stiff dark orange and dark greenish grey slightly silty slightly sandy CLAY.	
	0.70	D					Hand Pen at 0.7m = 250kPa	1
	1.30	B		1.10	51.74		Dense dark orangish brown and dark grey gravelly SAND. Gravel is fine to coarse tabular extremely weak to very weak laminated sandstone.	
	1.50	B		1.45	51.39		Interbedded very weak orange slightly silty laminated fine SANDSTONE and very weak grey laminated fine to medium SANDSTONE.	
							No grey sandstone noted below 1.65m	2
								
								
								
								
								
								
								
								
								
								
								
								
								
								
								
								
								
								

 Leap Environmental Ltd The Atrium, Curtis Road Dorking, Surrey RH4 1XA		Borehole Log		Borehole No. WS1 Sheet 1 of 1	
Project Name: Downview Avenue, Storrington		Project No. LP2254		Co-ords: 509365 - 115283	
Location: Downview Avenue, Storrington, West Sussex, RH20 4PU		Level: 48.92		Hole Type WS	
Client: Croudace Homes		Dates: 02/06/2020 - 02/06/2020		Logged By ADC	

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.15	ES		0.40	48.52	 Grass over brown silty sandy TOPSOIL with occasional coarse flint gravel and rootlets	1	
							 Friable orangish brown slightly silty sandy CLAY with rare fine to medium flint gravel.		
		0.70	D		1.10	47.82	 Medium dense to dense orangish brown clayey SAND with fine to coarse very weak sandstone gravel.		
		1.00		N=6 (1,0/1,1,1,3)			<i>Band of extremely weak laminated sandstone noted at 1.6m bgl</i>		
		1.30	D						
		1.60	D		2.15	46.77	 Extremely weak finely laminated mottled orange dark grey silty SANDSTONE and sandy SILTSTONE with occasional very weak bands.	3	
		2.00		N=31 (7,7/4,6,10,11)					
		2.50	D						
		2.80		N=44 (5,10/12,12,12,8)	4.00	44.92		4	
		3.50	D						
	3.70		N=35 (7,10/12,11,7,5)						
End of borehole at 4.00 m									

Remarks Borehole remained dry and stable. Groundwater monitoring well was installed to a depth of 3.0m comprising a flush steel cover over 1.0m of plain pipe over 2.0m of slotted pipe. The plain pipe was surrounded with a bentonite seal and the slotted pipe was surrounded by shingle.	
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Borehole Log

Borehole No.

WS2

Sheet 1 of 1

Project Name: Downview Avenue, Storrington

Project No.
LP2254

Co-ords: 509408 - 115230

Hole Type
WS

Location: Downview Avenue, Storrington, West Sussex, RH20 4PU

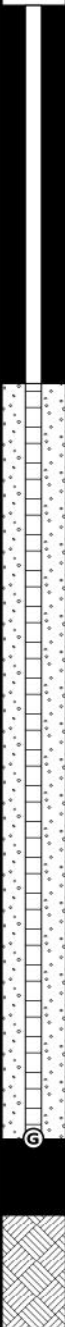
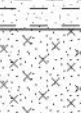
Level: 50.30

Scale
1:20

Client: Croudace Homes

Dates: 02/06/2020 - 02/06/2020

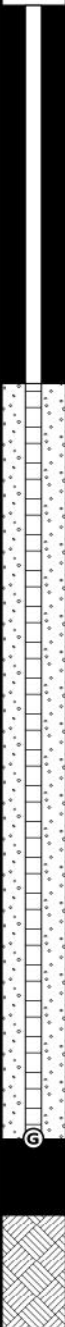
Logged By
ADC

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.30	50.00		Grass over orangish brown silty TOPSOIL with occasional coarse flint.	1
								Orangish brown friable slightly sandy silty CLAY with occasional coarse flint and rare fine to medium very weak sandstone gravel.	
		0.65	D		0.90	49.40		Firm orangish brown very sandy CLAY with occasional fine very weak sandstone gravel.	
		1.00		N=6 (2,2/1,2,1,2)				Hand Pen at 1.2m = 150kPa	2
		1.30	D		1.55	48.75		Loose light orangish brown slightly silty slightly clayey SAND with occasional fine sandstone gravel. Sand is fine grained	
		1.80	D					Coarse very weak sandstone gravel noted below 2.4m bgl	
		2.00		N=8 (2,1/2,2,2,2)				Extremely weak mottled dark grey and dark brown and orange laminated SANDSTONE with bands of very weak sandstone	3
		2.50	D		2.90	47.40		End of borehole at 3.50 m	
		3.00		N=26 (2,5/7,6,4,9)					
		3.20	D		3.50	46.80			4
		3.50		N=51 (9,9/12,12,12,15)					

Remarks

Borehole remained dry and stable. Groundwater monitoring well was installed to a depth of 3.0m comprising a flush steel cover over 1.0m of plain pipe over 2.0m of slotted pipe. The plain pipe was surrounded with a bentonite seal and the slotted pipe was surrounded by shingle.

 Leap Environmental Ltd The Atrium, Curtis Road  		Borehole Log		Borehole No. WS3 Sheet 1 of 1	
Project Name: Downview Avenue, Storrington		Project No. LP2254		Co-ords: 509362 - 115206	
Location: Downview Avenue, Storrington, West Sussex, RH20 4PU		Level: 52.77		Hole Type WS	
Client: Croudace Homes		Dates: 02/06/2020 - 02/06/2020		Logged By ADC	

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	ES				Grass over brown slightly sandy silty TOPSOIL.		
					0.40	52.37		Friable orangish brown slightly silty slightly sandy CLAY.	
		0.90	D		0.80	51.97		Firm becoming stiff mottled grey and orangish brown finely laminated sandy CLAY with occasional clayey sand partings. Sand is fine.	1
		1.00		N=17 (1,2/3,4,4,6)					
		1.30	D						
		1.60	D		1.50	51.27		Medium dense orangish brown mottled grey very clayey SAND with occasional fine extremely weak silty sandstone gravel.	
		2.00		N=25 (2,4/7,6,6,6)				Becomes less clayey with depth	2
		2.50	D		2.10	50.67		Dense orangish brown light grey finely laminated slightly silty slightly clayey SAND.	
		2.50		N=40 (6,10/14,11,8,7)					3
					3.20	49.57		Dense dark orange slightly silty slightly clayey SAND with frequent coarse very weak sandstone.	
				3.50	49.27		Sample slightly damp at 3.4m SPT at 3.5m recovered extremely weak silty sandstone End of borehole at 3.50 m	4	

Remarks Borehole remained dry and stable. Groundwater monitoring well was installed to a depth of 3.0m comprising a flush steel cover over 1.0m of plain pipe over 2.0m of slotted pipe. The plain pipe was surrounded by a bentonite seal and the slotted pipe was surrounded by shingle.		
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Borehole Log

Borehole No.

WS4

Sheet 1 of 1

Project Name: Downview Avenue, Storrington

Project No.
LP2254

Co-ords: 509313 - 115235

Hole Type
WS

Location: Downview Avenue, Storrington, West Sussex, RH20 4PU

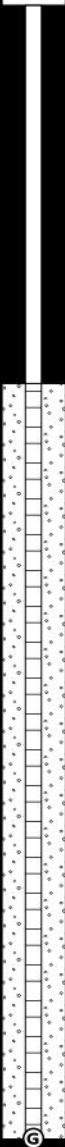
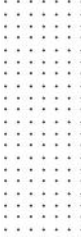
Level: 52.00

Scale
1:20

Client: Croudace Homes

Dates: 02/06/2020 - 02/06/2020

Logged By
ADC

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.20	51.80		Grass over light brown silty TOPSOIL with fine flint gravel.	
								Firm becoming stiff light orangish brown slightly silty slightly sandy CLAY with rare coarse sub-angular flint.	
		0.80	D		1.60	50.40			1
		1.00		N=6 (1,1/1,2,2,1)				<i>Frequent coarse extremely weak sandstone gravel noted below 1.0m bgl</i>	
		1.30	D					<i>Hand Pen at 1.3m =220IPa</i>	
		1.70	D		2.10	49.90		Extremely weak mottled orange and grey laminated silty SANDSTONE and and sandy SILTSTONE with occasional sand partings.	2
		2.00		N=29 (2,4/5,9,9,6)					
		2.70	D					Interbedded extremely weak light orange and light grey finely laminated silty SANDSTONE and sandy SILTSTONE. Sand is fine.	
		3.00		N=25 (6,7/6,6,6,7)				<i>Sample was recovered slightly damp at 3.0m</i>	
					3.60	48.40			
		3.80	D					Extremely weak locally very weak dark orange mottled dark greyish brown slightly clayey SANDSTONE.	
		4.00		N=27 (3,3/4,5,5,13)	4.00	48.00		End of borehole at 4.00 m	4

Remarks

Borehole remained dry and stable. Groundwater monitoring well was installed to a depth of 3.0m comprising a flush steel cover over 1.0m of plain pipe over 2.0m of slotted pipe. The plain pipe was surrounded with a bentonite seal and the slotted pipe was surrounded by shingle.

Borehole Log

Borehole No.

WS5

Sheet 1 of 1

Project Name: Downview Avenue, Storrington

Project No.
LP2254

Co-ords: 509375 - 115150

Hole Type
WS

Location: Downview Avenue, Storrington, West Sussex, RH20 4PU

Level: 52.20

Scale
1:20

Client: Croudace Homes

Dates: 02/06/2020 - 02/06/2020

Logged By
ADC

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.15	ES		0.20	52.00		Grass over light brown silty TOPSOIL.	1
								Firm becoming stiff mottled orange and grey slightly silty slightly sandy CLAY.	
								Becoming sandier with depth	
		1.00	D	N=24 (3,2/5,5,7,7)				Hand Pen at 1.2m =210kPa	
		1.00							
					1.40	50.80		Dense dark brownish orange mottled grey laminated clayey SAND. Sand is fine.	2
		1.60	D	N=43 (6,5/6,7,15,15)					
		1.70							
					2.20	50.00		Extremely weak locally very weak dark brownish orange mottled dark orange and dark grey laminated SANDSTONE.	
		2.50	D						
		2.80	D	N=18 (1,1/1,3,7,7)	2.80	49.40		Firm dark orange sandy CLAY.	3
		2.80							
					3.20	49.00		Very weak dark brown mottled grey and orange laminated silty SANDSTONE.	
		3.70	D						
		3.80		N=55 (4,10/19,13,13,10)	3.80	48.40		End of borehole at 3.80 m	4

Remarks

Borehole remained dry and stable and was backfilled with arisings on completion. Borehole was terminated at 3.8m bgl due to no further progress through silty sandstone.



Leap Environmental Ltd
The Atrium, Curtis Road
Dorking, Surrey RH4 1XA

Borehole Log

Borehole No.

WS6

Sheet 1 of 1

Project Name: Downview Avenue, Storrington

Project No.
LP2254

Co-ords: 506317 - 115152

Hole Type
WS

Location: Downview Avenue, Storrington, West Sussex, RH20 4PU

Level: 53.24

Scale
1:20

Client: Croudace Homes

Dates: 02/06/2020 - 02/06/2020

Logged By
ADC

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.20	53.04		Grass over friable light brown silty TOPSOIL.	1
								Friable light brown and dark orangish brown sandy CLAY.	
		1.00	D	N=14 (2,1/1,2,3,8)	1.30	51.94			
		1.00							
		1.20	D						
		1.50	D					Extremely weak locally very weak orangish brown mottled dark brown and grey laminated silty SANDSTONE and sandy SILTSTONE.	2
		2.00		N=36 (3,3/6,8,10,12)					
		2.50	D		2.70	50.54			
		2.90	D					Medium dense to dense orangish brown fine silty SAND with gravel of very weak sandstone.	3
		3.00		65 (13,11/65 for 225mm)	3.00	50.24		End of borehole at 3.00 m	
									4

Remarks

Borehole remained dry and stable and was backfilled with arisings on completion. Borehole was terminated at 3.0m bgl due to no further progress through silty sandstone.





Unit A2
Windmill Road
Ponswood Industrial Estate
St Leonards on Sea
East Sussex

THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number: 20-28387

Issue: 1

Date of Issue: 11/06/2020

Contact: Adam Carr

Customer Details: Leap Environmental Ltd
The Atrium
Curtis Road
Dorking
Surrey RH4 1X4

Quotation No: Q14-00063

Order No: LPO-2026

Customer Reference: LP2254

Date Received: 09/06/2020

Date Approved: 11/06/2020

Details: Downsview Avenue, Storrington

Approved by: 

Mike Varley, Technical Manager

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Sample Summary

Report No.: 20-28387, issue number 1

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
205587	WS1 0.15	02/06/2020	09/06/2020	Silty loam	
205588	WS2 0.10	02/06/2020	09/06/2020	Silty loam	
205589	WS3 0.20	02/06/2020	09/06/2020	Silty loam	
205590	WS4 0.10	02/06/2020	09/06/2020	Silty loam	
205591	WS5 0.15	02/06/2020	09/06/2020	Silty loam	
205592	WS6 0.10	02/06/2020	09/06/2020	Silty loam	
205593	TP1 0.10	04/06/2020	09/06/2020	Silty loam	
205594	TP2 0.10	04/06/2020	09/06/2020	Silty loam	
205595	TP3 0.15	04/06/2020	09/06/2020	Silty loam	
205596	TP4 0.10	04/06/2020	09/06/2020	Silty loam	

Results Summary

2683

Report No.: 20-28387, issue number 1

ELAB Reference	205587	205588	205589	205590	205591
Customer Reference					
Sample ID					
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location	WS1	WS2	WS3	WS4	WS5
Sample Depth (m)	0.15	0.10	0.20	0.10	0.15
Sampling Date	02/06/2020	02/06/2020	02/06/2020	02/06/2020	02/06/2020

Determinand	Codes	Units	LOD					
Soil sample preparation parameters								
Material removed	N	%	0.1	n/t	5.1	< 0.1	< 0.1	< 0.1
Description of Inert material removed	N		0	n/t	Stones	None	None	None
Metals								
Arsenic	M	mg/kg	1	n/t	7.8	7.0	7.7	5.9
Cadmium	M	mg/kg	0.5	n/t	< 0.5	< 0.5	< 0.5	< 0.5
Chromium	M	mg/kg	5	n/t	17.9	16.5	17.6	15.5
Copper	M	mg/kg	5	n/t	13.0	11.3	12.0	12.0
Lead	M	mg/kg	5	n/t	16.6	14.0	24.1	15.6
Mercury	M	mg/kg	0.5	n/t	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	M	mg/kg	5	n/t	8.9	8.1	8.7	5.9
Selenium	M	mg/kg	1	n/t	< 1.0	< 1.0	< 1.0	< 1.0
Zinc	M	mg/kg	5	n/t	36.8	34.6	36.6	31.6
Inorganics								
Hexavalent Chromium	N	mg/kg	0.8	n/t	< 0.8	< 0.8	< 0.8	< 0.8
Miscellaneous								
pH	M	pH units	0.1	n/t	6.8	6.5	6.6	6.3
Total Organic Carbon	N	%	0.01	n/t	1.0	0.91	0.93	0.95
Polyaromatic hydrocarbons								
Naphthalene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Anthracene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Pyrene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)anthracene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Chrysene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(b)fluoranthene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-cd)pyrene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Dibenzo(a,h)anthracene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Benzo[g,h,i]perylene	M	mg/kg	0.1	n/t	< 0.1	< 0.1	< 0.1	< 0.1
Total PAH(16)	M	mg/kg	0.4	n/t	< 0.4	< 0.4	< 0.4	< 0.4



Results Summary

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Report No.: 20-28387, issue number 1

ELAB Reference	205587	205588	205589	205590	205591
Customer Reference					
Sample ID					
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location	WS1	WS2	WS3	WS4	WS5
Sample Depth (m)	0.15	0.10	0.20	0.10	0.15
Sampling Date	02/06/2020	02/06/2020	02/06/2020	02/06/2020	02/06/2020

Determinand	Codes	Units	LOD					
OrganoChlorine Pesticides								
alpha-HCH	M	ug/kg	10	< 10	n/t	n/t	n/t	n/t
beta_HCH	M	ug/kg	10	< 10	n/t	n/t	n/t	n/t
gamma-HCH	M	ug/kg	10	< 10	n/t	n/t	n/t	n/t
delta-HCH	N	ug/kg	10	< 10	n/t	n/t	n/t	n/t
Heptachlor	N	ug/kg	10	< 10	n/t	n/t	n/t	n/t
Aldrin	M	ug/kg	10	< 10	n/t	n/t	n/t	n/t
Heptachlor expoxide	N	ug/kg	10	< 10	n/t	n/t	n/t	n/t
trans-Chlordane	N	ug/kg	10	< 10	n/t	n/t	n/t	n/t
alpha cis-Chlordane	N	ug/kg	10	< 10	n/t	n/t	n/t	n/t
p,p-DDE	M	ug/kg	10	< 10	n/t	n/t	n/t	n/t
Dieldrin	M	ug/kg	10	< 10	n/t	n/t	n/t	n/t
Endrin	N	ug/kg	10	< 10	n/t	n/t	n/t	n/t
p,p-DDD	M	ug/kg	10	< 10	n/t	n/t	n/t	n/t
Endosulfan II	N	ug/kg	10	< 10	n/t	n/t	n/t	n/t
Endrin aldehyde	N	ug/kg	10	< 10	n/t	n/t	n/t	n/t
p,p-DDT	M	ug/kg	10	< 10	n/t	n/t	n/t	n/t
Endosulphan sulphate	M	ug/kg	10	< 10	n/t	n/t	n/t	n/t
Methoxychlor	N	ug/kg	10	< 10	n/t	n/t	n/t	n/t
Endrin ketone	N	ug/kg	10	< 10	n/t	n/t	n/t	n/t
OrganoPhosphorus Pesticides								
Acephate	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t
Aziniphos-methyl	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t
Chlorpyrifos	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t
Demeton-s-methyl	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t
Dichlorvos	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t
Dimethoate	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t
Ethion	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t
Malathion	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t
Mathidathion	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t
Methamidophos	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t
Omethoate	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t
Pirimifos-methyl	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t
Profenofos	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t
Pyrazophos	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t
Tokuthion	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t
Tolclofos-methyl	N	ug/kg	100	< 100	n/t	n/t	n/t	n/t

Results Summary

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Report No.: 20-28387, issue number 1

ELAB Reference	205592	205593	205594	205595	205596
Customer Reference					
Sample ID					
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location	WS6	TP1	TP2	TP3	TP4
Sample Depth (m)	0.10	0.10	0.10	0.15	0.10
Sampling Date	02/06/2020	04/06/2020	04/06/2020	04/06/2020	04/06/2020

Determinand	Codes	Units	LOD					
Soil sample preparation parameters								
Material removed	N	%	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Description of Inert material removed	N		0	None	n/t	None	None	None
Metals								
Arsenic	M	mg/kg	1	6.1	n/t	7.1	8.5	5.3
Cadmium	M	mg/kg	0.5	< 0.5	n/t	< 0.5	< 0.5	< 0.5
Chromium	M	mg/kg	5	14.6	n/t	13.8	18.4	9.2
Copper	M	mg/kg	5	10.7	n/t	12.0	10.9	9.6
Lead	M	mg/kg	5	14.9	n/t	14.6	16.9	11.9
Mercury	M	mg/kg	0.5	< 0.5	n/t	< 0.5	< 0.5	< 0.5
Nickel	M	mg/kg	5	7.1	n/t	7.5	11.2	6.1
Selenium	M	mg/kg	1	< 1.0	n/t	< 1.0	< 1.0	< 1.0
Zinc	M	mg/kg	5	34.2	n/t	31.3	33.3	30.3
Inorganics								
Hexavalent Chromium	N	mg/kg	0.8	< 0.8	n/t	< 0.8	< 0.8	< 0.8
Miscellaneous								
pH	M	pH units	0.1	6.5	n/t	6.4	6.6	6.5
Total Organic Carbon	N	%	0.01	0.84	n/t	0.80	0.89	0.86
Polyaromatic hydrocarbons								
Naphthalene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Acenaphthylene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Acenaphthene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Fluorene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Phenanthrene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Anthracene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Fluoranthene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Pyrene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Benzo(a)anthracene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Chrysene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Benzo(b)fluoranthene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-cd)pyrene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Dibenzo(a,h)anthracene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Benzo[g,h,i]perylene	M	mg/kg	0.1	< 0.1	n/t	< 0.1	< 0.1	< 0.1
Total PAH(16)	M	mg/kg	0.4	< 0.4	n/t	< 0.4	< 0.4	< 0.4



Results Summary

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Report No.: 20-28387, issue number 1

ELAB Reference	205592	205593	205594	205595	205596
Customer Reference					
Sample ID					
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location	WS6	TP1	TP2	TP3	TP4
Sample Depth (m)	0.10	0.10	0.10	0.15	0.10
Sampling Date	02/06/2020	04/06/2020	04/06/2020	04/06/2020	04/06/2020

Determinand	Codes	Units	LOD					
OrganoChlorine Pesticides								
alpha-HCH	M	ug/kg	10	n/t	< 10	n/t	n/t	n/t
beta_HCH	M	ug/kg	10	n/t	< 10	n/t	n/t	n/t
gamma-HCH	M	ug/kg	10	n/t	< 10	n/t	n/t	n/t
delta-HCH	N	ug/kg	10	n/t	< 10	n/t	n/t	n/t
Heptachlor	N	ug/kg	10	n/t	< 10	n/t	n/t	n/t
Aldrin	M	ug/kg	10	n/t	< 10	n/t	n/t	n/t
Heptachlor expoxide	N	ug/kg	10	n/t	< 10	n/t	n/t	n/t
trans-Chlordane	N	ug/kg	10	n/t	< 10	n/t	n/t	n/t
alpha cis-Chlordane	N	ug/kg	10	n/t	< 10	n/t	n/t	n/t
p,p-DDE	M	ug/kg	10	n/t	< 10	n/t	n/t	n/t
Dieldrin	M	ug/kg	10	n/t	< 10	n/t	n/t	n/t
Endrin	N	ug/kg	10	n/t	< 10	n/t	n/t	n/t
p,p-DDD	M	ug/kg	10	n/t	< 10	n/t	n/t	n/t
Endosulfan II	N	ug/kg	10	n/t	< 10	n/t	n/t	n/t
Endrin aldehyde	N	ug/kg	10	n/t	< 10	n/t	n/t	n/t
p,p-DDT	M	ug/kg	10	n/t	< 10	n/t	n/t	n/t
Endosulphan sulphate	M	ug/kg	10	n/t	< 10	n/t	n/t	n/t
Methoxychlor	N	ug/kg	10	n/t	< 10	n/t	n/t	n/t
Endrin ketone	N	ug/kg	10	n/t	< 10	n/t	n/t	n/t
OrganoPhosphorus Pesticides								
Acephate	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t
Aziniphos-methyl	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t
Chlorpyrifos	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t
Demeton-s-methyl	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t
Dichlorvos	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t
Dimethoate	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t
Ethion	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t
Malathion	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t
Mathidathion	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t
Methamidophos	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t
Omethoate	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t
Pirimifos-methyl	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t
Profenofos	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t
Pyrazophos	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t
Tokuthion	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t
Tolclofos-methyl	N	ug/kg	100	n/t	< 100	n/t	n/t	n/t



Results Summary

2683

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ELAB Reference	205587	205593
Customer Reference		
Sample ID		
Sample Type	SOIL	SOIL
Sample Location	WS1	TP1
Sample Depth (m)	0.15	0.10
Sampling Date	02/06/2020	04/06/2020

Determinand	Codes	Units	LOD		
SVOCTIC					
Triazine herbicide screen	N	mg/kg	0.01	< 0.10	< 0.10



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Results Summary

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Asbestos Results

Analytical result only applies to the sample as submitted by the client. Any comments, opinions or interpretations (marked #) in this report are outside UKAS accreditation (Accreditation No2683). They are subjective comments only which must be verified by the client.

Elab No	Depth (m)	Clients Reference	Description of Sample Matrix #	Asbestos Identification	Gravimetric Analysis Total (%)	Gravimetric Analysis by ACM Type (%)	Free Fibre Analysis (%)	Total Asbestos (%)
205588	0.10	WS2	Brown Soil,Stones,Root	No asbestos detected	n/t	n/t	n/t	n/t
205589	0.20	WS3	Brown Soil	No asbestos detected	n/t	n/t	n/t	n/t
205590	0.10	WS4	Brown Soil,Stones	No asbestos detected	n/t	n/t	n/t	n/t
205591	0.15	WS5	Brownm Soil,Root	No asbestos detected	n/t	n/t	n/t	n/t
205592	0.10	WS6	Brown Soil,Stones	No asbestos detected	n/t	n/t	n/t	n/t
205594	0.10	TP2	Brown Soil,Stones	No asbestos detected	n/t	n/t	n/t	n/t
205595	0.15	TP3	Brown Soil,Stones,Root	No asbestos detected	n/t	n/t	n/t	n/t
205596	0.10	TP4	Brown Soil,Stoners,Root,Twigs	No asbestos detected	n/t	n/t	n/t	n/t

Method Summary

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Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
Hexavalent chromium	N	As submitted sample	10/06/2020	110	Colorimetry
pH	M	Air dried sample	10/06/2020	113	Electromeric
Aqua regia extractable metals	M	Air dried sample	10/06/2020	118	ICPMS
PAH (GC-FID)	M	As submitted sample	10/06/2020	133	GC-FID
SVOC in solids	N	As submitted sample	10/06/2020	167	GC-MS
Organochlorine Pesticides in solids	M	As submitted sample	10/06/2020	173	GC-MS
Organophosphorus Pesticides in solids	N	As submitted sample	10/06/2020	173	GC-MS
Total organic carbon/Total sulphur	N	Air dried sample	11/06/2020	210	IR
Asbestos identification	U	Air dried sample	11/06/2020	PMAN	Microscopy

Tests marked N are not UKAS accredited

Report Information

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Key

U	hold UKAS accreditation
M	hold MCERTS and UKAS accreditation
N	do not currently hold UKAS accreditation
^	MCERTS accreditation not applicable for sample matrix
*	UKAS accreditation not applicable for sample matrix
S	Subcontracted to approved laboratory UKAS Accredited for the test
SM	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
NS	Subcontracted to approved laboratory. UKAS accreditation is not applicable.
I/S	Insufficient Sample
U/S	Unsuitable sample
n/t	Not tested
<	means "less than"
>	means "greater than"

Soil sample results are expressed on an air dried basis (dried at < 30°C), and are uncorrected for inert material removed.

ELAB are unable to provide an interpretation or opinion on the content of this report.

The results relate only to the sample received.

PCB congener results may include any coeluting PCBs

Uncertainty of measurement for the determinands tested are available upon request

Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Deviation Codes

-
- | | |
|---|--|
| a | No date of sampling supplied |
| b | No time of sampling supplied (Waters Only) |
| c | Sample not received in appropriate containers |
| d | Sample not received in cooled condition |
| e | The container has been incorrectly filled |
| f | Sample age exceeds stability time (sampling to receipt) |
| g | Sample age exceeds stability time (sampling to analysis) |

Where a sample has a deviation code, the applicable test result may be invalid.

Sample Retention and Disposal

All soil samples will be retained for a period of one month

All water samples will be retained for 7 days following the date of the test report

Charges may apply to extended sample storage