

Project No.	D39032	Drawn	GH
Client	Ashwood Homes Ltd	Checked	PK
		Approved	PK
Project	Yews Farm Pinchbeck	Scale	NTS
		Date Drawn	07/01/2021
		Rev.	
Title	TP12 - Completed excavation	Plate No.	6

GeoDyne



Project No.	D39032	Drawn	GH
Client	Ashwood Homes Ltd	Checked	PK
		Approved	PK
Project	Yews Farm Pinchbeck	Scale	NTS
		Date Drawn	07/01/2021
		Rev.	
Title	TP15 - Completed excavation	Plate No.	7

GeoDyne



Project No.	D39032	Drawn	GH
Client	Ashwood Homes Ltd	Checked	PK
		Approved	PK
Project	Yews Farm Pinchbeck	Scale	NTS
		Date Drawn	07/01/2021
		Rev.	
Title	TP16 - Completed excavation	Plate No.	8

GeoDyne



Project No.	D39032	Drawn	GH
Client	Ashwood Homes Ltd	Checked	PK
		Approved	PK
Project	Yews Farm Pinchbeck	Scale	NTS
		Date Drawn	07/01/2021
		Rev.	
Title	TP18 - Completed excavation	Plate No.	9

GeoDyne



Project No.	D39032	Drawn	GH
Client	Ashwood Homes Ltd	Checked	PK
		Approved	PK
Project	Yews Farm Pinchbeck	Scale	NTS
		Date Drawn	07/01/2021
		Rev.	
Title	TP21 - Completed excavation	Plate No.	10

GeoDyne



Project No.	D39032	Drawn	GH
Client	Ashwood Homes Ltd	Checked	PK
		Approved	PK
Project	Yews Farm Pinchbeck	Scale	NTS
		Date Drawn	07/01/2021
		Rev.	
Title	TP23 - Completed excavation	Plate No.	11

GeoDyne



Project No.	D39032	Drawn	GH
Client	Ashwood Homes Ltd	Checked	PK
		Approved	PK
Project	Yews Farm Pinchbeck	Scale	NTS
		Date Drawn	07/01/2021
		Rev.	
Title	TP26 - Completed excavation	Plate No.	12

GeoDyne



Project No.	D39032	Drawn	GH
Client	Ashwood Homes Ltd	Checked	PK
		Approved	PK
Project	Yews Farm Pinchbeck	Scale	NTS
		Date Drawn	07/01/2021
		Rev.	
Title	TP30 - Completed excavation	Plate No.	13

GeoDyne



Project No.	D39032	Drawn	GH
Client	Ashwood Homes Ltd	Checked	PK
		Approved	PK
Project	Yews Farm Pinchbeck	Scale	NTS
		Date Drawn	07/01/2021
		Rev.	
Title	TP34 - Completed excavation	Plate No.	14

GeoDyne



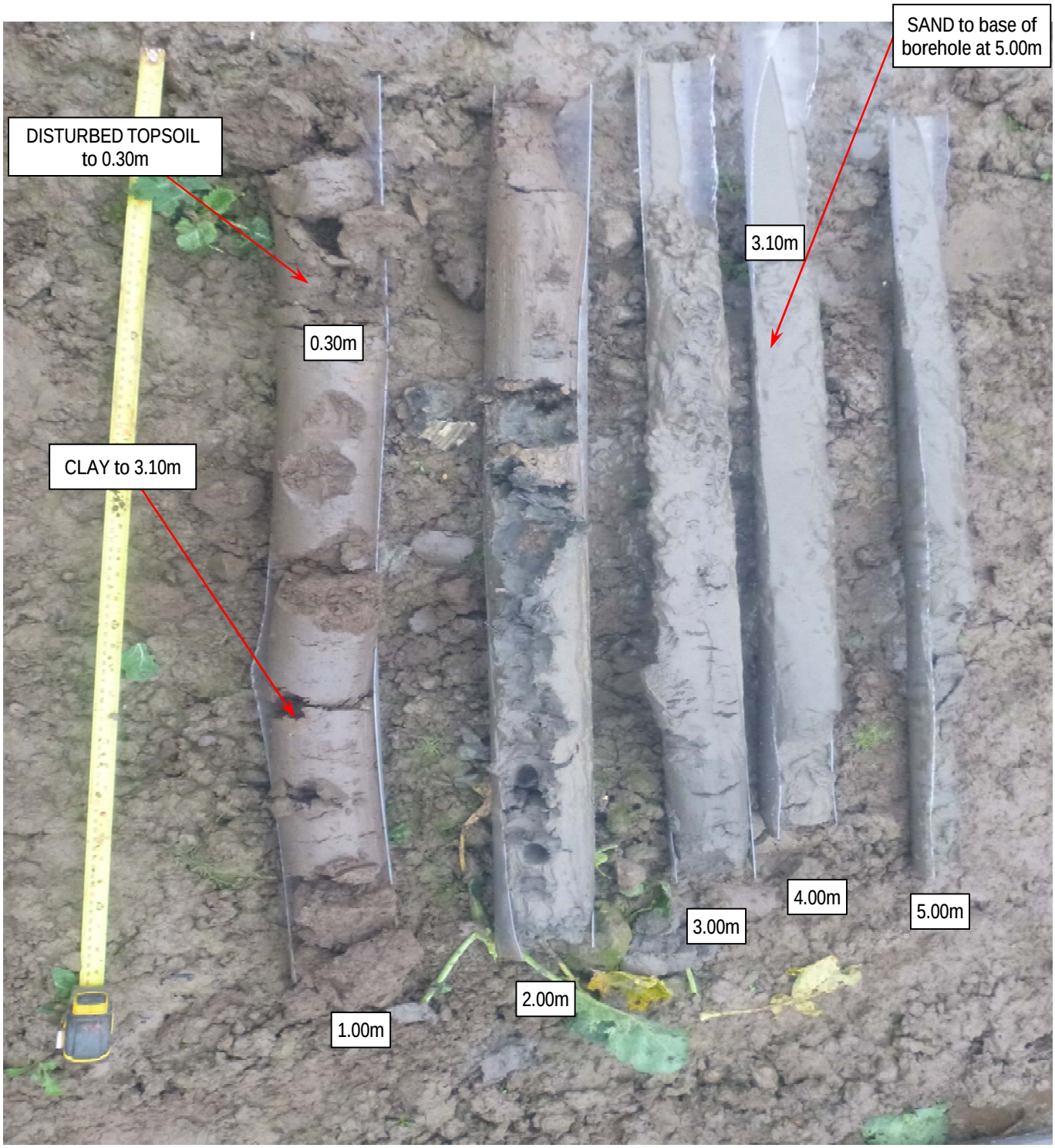
Project No.	D39032	Drawn	GH
Client	Ashwood Homes Ltd	Checked	PK
		Approved	PK
Project	Yews Farm Pinchbeck	Scale	NTS
		Date Drawn	07/01/2021
		Rev.	
Title	TP37 - Completed excavation	Plate No.	15

GeoDyne



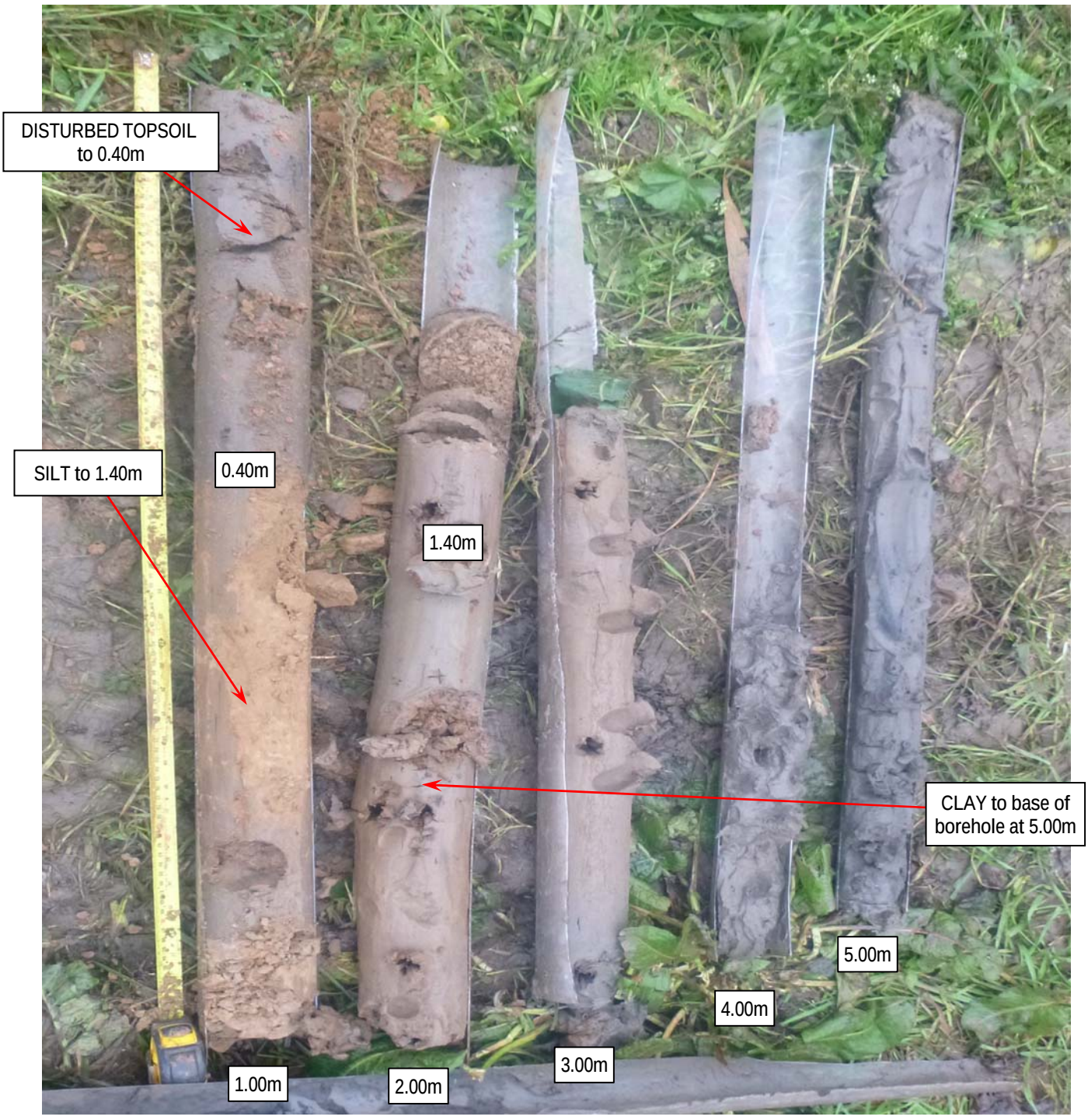
Project No.	D39032	Drawn	GH
Client	Ashwood Homes Ltd	Checked	PK
		Approved	PK
Project	Yews Farm Pinchbeck	Scale	NTS
		Date Drawn	07/01/2021
Title	WS1 - Recovered cores	Rev.	
		Plate No.	16

GeoDyne



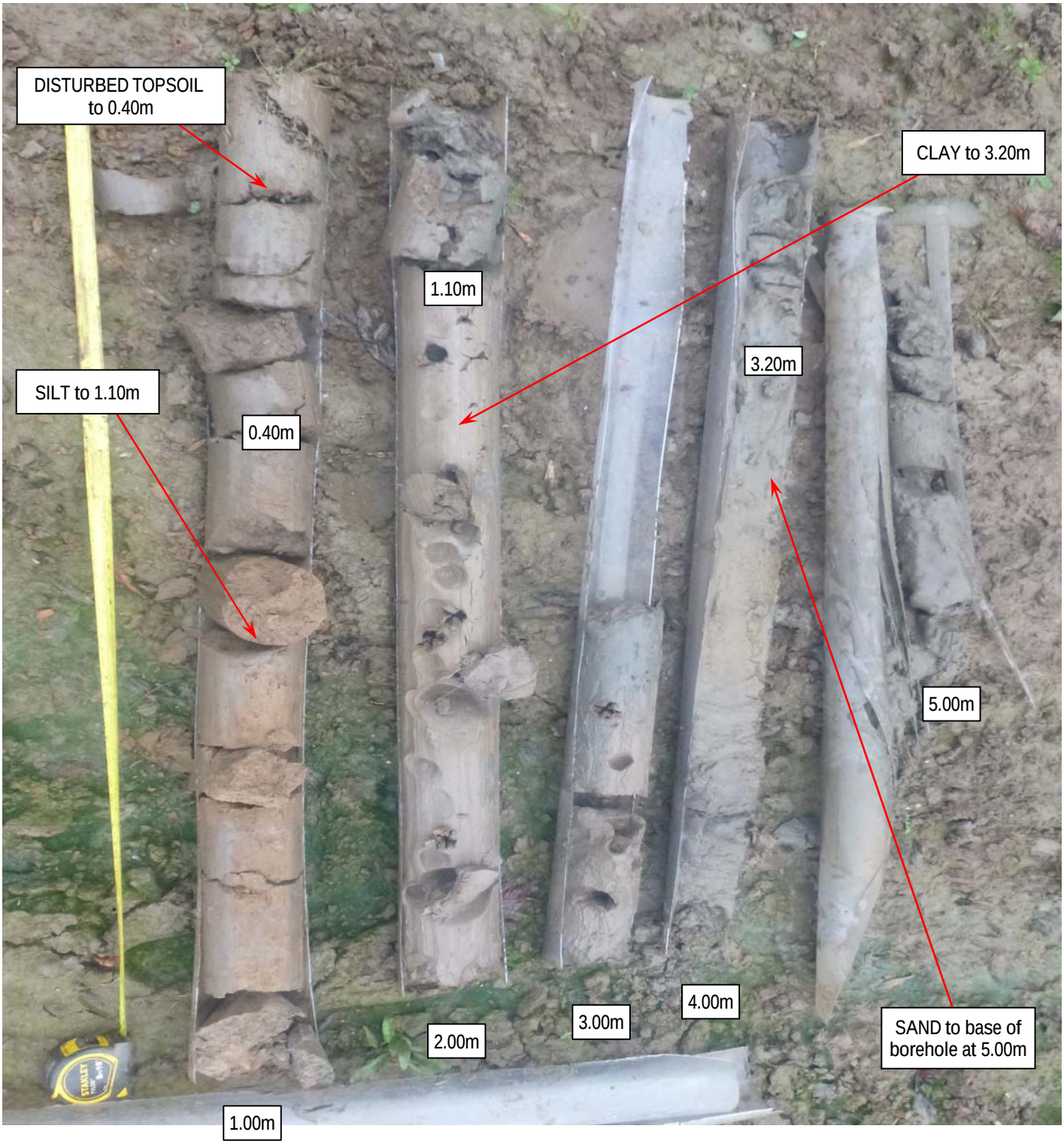
Project No.	D39032	Drawn	GH
Client	Ashwood Homes Ltd	Checked	PK
		Approved	PK
Project	Yews Farm Pinchbeck	Scale	NTS
		Date Drawn	07/01/2021
Title	WS3 - Recovered cores	Rev.	
		Plate No.	17

GeoDyne



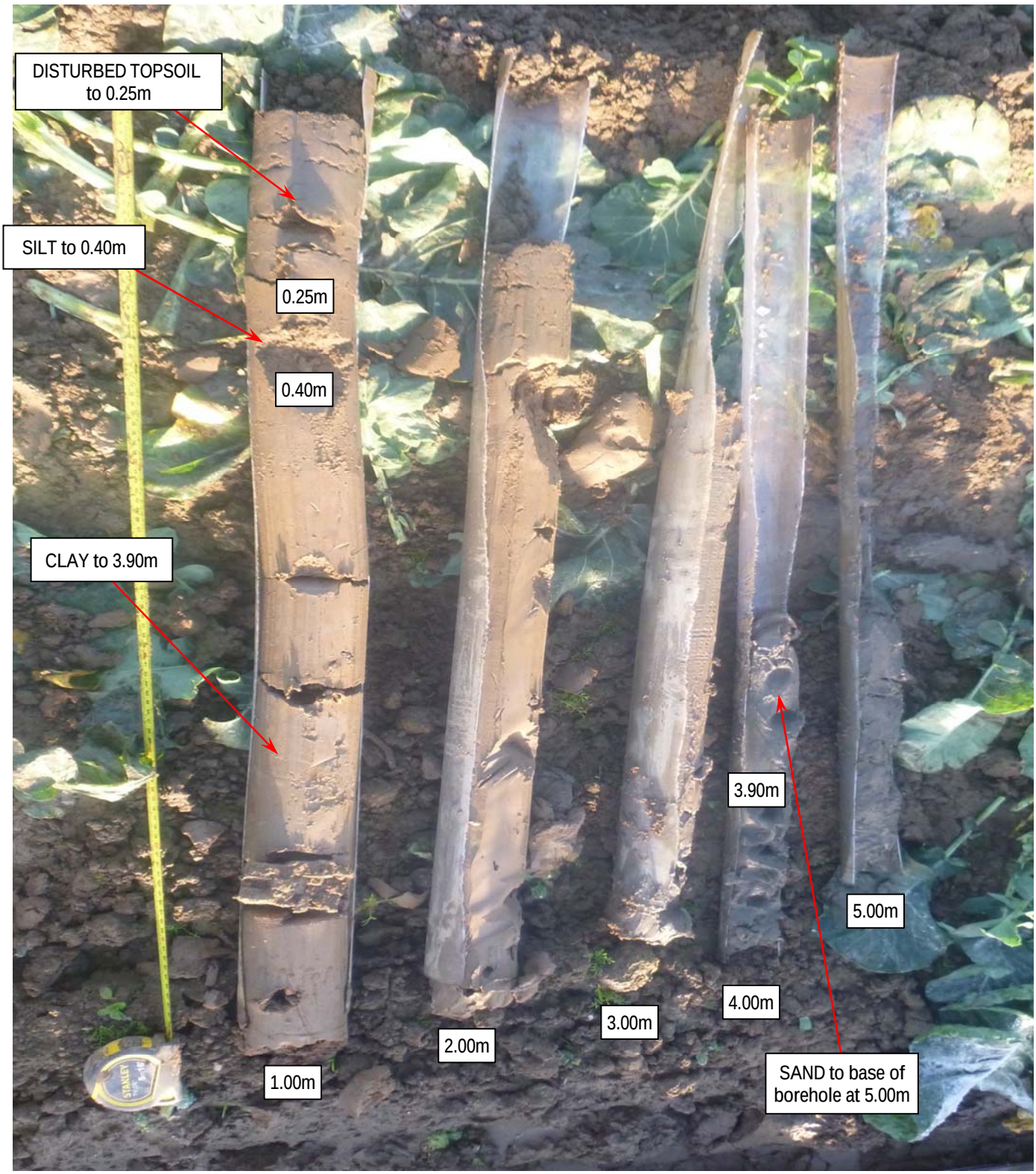
Project No.	D39032	Drawn	GH
Client	Ashwood Homes Ltd	Checked	PK
		Approved	PK
Project	Yews Farm Pinchbeck	Scale	NTS
		Date Drawn	07/01/2021
		Rev.	
Title	WS4 - Recovered cores	Plate No.	18

GeoDyne



Project No.	D39032	Drawn	GH
Client	Ashwood Homes Ltd	Checked	PK
		Approved	PK
Project	Yews Farm Pinchbeck	Scale	NTS
		Date Drawn	07/01/2021
		Rev.	
Title	WS5 - Recovered cores	Plate No.	19

GeoDyne



Project No.	D39032	Drawn	GH
Client	Ashwood Homes Ltd	Checked	PK
		Approved	PK
Project	Yews Farm Pinchbeck	Scale	NTS
		Date Drawn	07/01/2021
		Rev.	
Title	WS7 - Recovered cores	Plate No.	20

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APPENDIX XI

Laboratory Soil Test Results

LABORATORY REPORT

4043

Contract Number: PSL20/6908

Report Date: 16 December 2020

Client's Reference: D39032

Client Name: Geodyne Derby
9 Brunel Parkway
Pride Park
Derby
DE24 8HR

For the attention of: Gavin Hallam

Contract Title: Yews Farm, Pinchbeck

Date Received: 30/11/2020
Date Commenced: 30/11/2020
Date Completed: 16/12/2020

Notes: Opinions and Interpretations are outside the UKAS Accreditation

A copy of the Laboratory Schedule of accredited tests as issued by UKAS is attached to this report. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced other than in full, without the prior written approval of the laboratory.

Checked and Approved Signatories:

H Daniels (Senior Technician)
A Watkins (Director)
R Berriman (Quality Manager)

S Royle (Laboratory Manager)
S Eyre (Senior Technician)
L Knight (Senior Technician)

5 – 7 Hexthorpe Road, Hexthorpe,
Doncaster DN4 0AR
tel: +44 (0)844 815 6641
fax: +44 (0)844 815 6642
e-mail: rgunson@prosoils.co.uk
awatkins@prosoils.co.uk

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Description of Sample
WS1			0.50	1.00	Brown slightly sandy CLAY.
TP4			0.35	0.85	Brown sandy CLAY.
TP11			0.30	0.80	Brown slightly sandy CLAY.
TP24			0.30	0.80	Brown mottled grey slightly sandy CLAY.
TP1			1.00		Brown sandy CLAY.
TP3			0.50		Brown sandy CLAY.
TP5			0.45		Brown CLAY.
TP9			0.40		Brown sandy very clayey SILT.
TP12			0.60		Brown slightly gravelly CLAY.
TP13			1.20		Brown slightly sandy very clayey SILT.
TP15			0.50		Brown very sandy very silty CLAY.
TP18			1.10		Brown sandy CLAY.
TP20			1.40		Brown sandy CLAY.
TP23			0.55		Brown sandy CLAY.
TP25			1.20		Brown sandy very clayey SILT.
TP31			0.80		Brown sandy CLAY.
WS5			1.50		Brown slightly sandy CLAY.
WS7			0.75		Brown sandy CLAY.
WS8			1.00		Brown CLAY.

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Description of Sample
WS9			0.50		Brown sandy CLAY.

SUMMARY OF SOIL CLASSIFICATION TESTS

(BS1377 : PART 2 : 1990)

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Moisture Content % Clause 3.2	Linear Shrinkage % Clause 6.5	Particle Density Mg/m^3 Clause 8.2	Liquid Limit % Clause 4.3/4	Plastic Limit % Clause 5.3	Plasticity Index % Clause 5.4	Passing .425mm %	Remarks
TP1			1.00		24			48	21	27	100	Intermediate Plasticity CI
TP3			0.50		24			43	20	23	100	Intermediate Plasticity CI
TP5			0.45		22			44	21	23	100	Intermediate Plasticity CI
TP12			0.60		34			73	30	43	96	Very High Plasticity CV
TP15			0.50		20			34	22	12	100	Low Plasticity CL
TP18			1.10		23			38	20	18	100	Intermediate Plasticity CI
TP20			1.40		30			37	20	17	100	Intermediate Plasticity CI
TP23			0.55		24			47	22	25	100	Intermediate Plasticity CI
TP25			1.20		26			38	25	13	100	Intermediate Plasticity MI
TP31			0.80		19			37	19	18	100	Intermediate Plasticity CI
WS5			1.50		34			55	24	31	100	High Plasticity CH
WS7			0.75		24			42	21	21	100	Intermediate Plasticity CI
WS8			1.00		40			66	27	39	98	High Plasticity CH
WS9			0.50		23			36	20	16	100	Intermediate Plasticity CI

SYMBOLS : **NP : Non Plastic** *** : Liquid Limit and Plastic Limit Wet Sieved.**

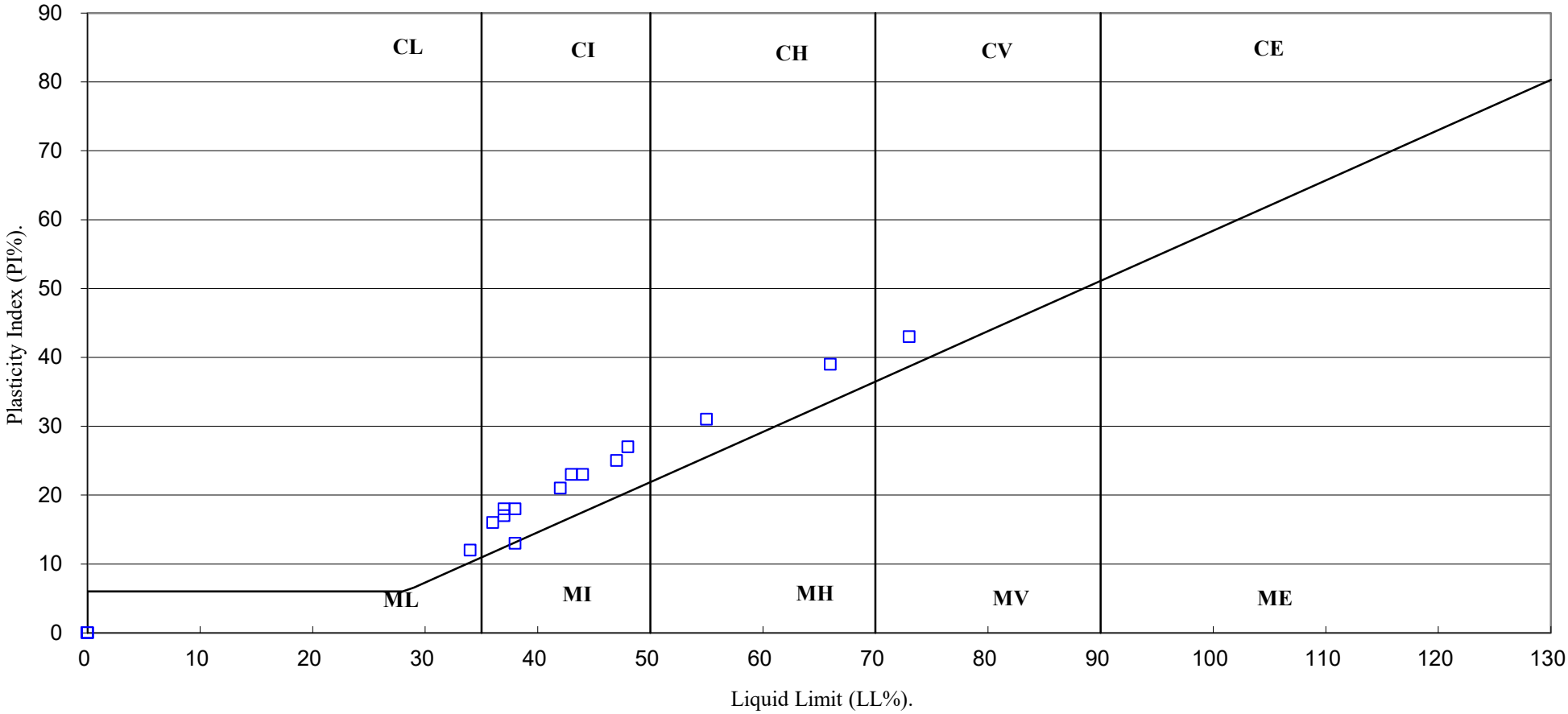
UKAS TESTING 4043

PSL Professional Soils Laboratory

Yews Farm, Pinchbeck

Contract No:
PSL20/6908
Client Ref:
D39032

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.



UKAS TESTING 4043	PSL Professional Soils Laboratory	Yews Farm, Pinchbeck	Contract No: PSL20/6908 Client Ref: D39032

PARTICLE SIZE DISTRIBUTION TEST

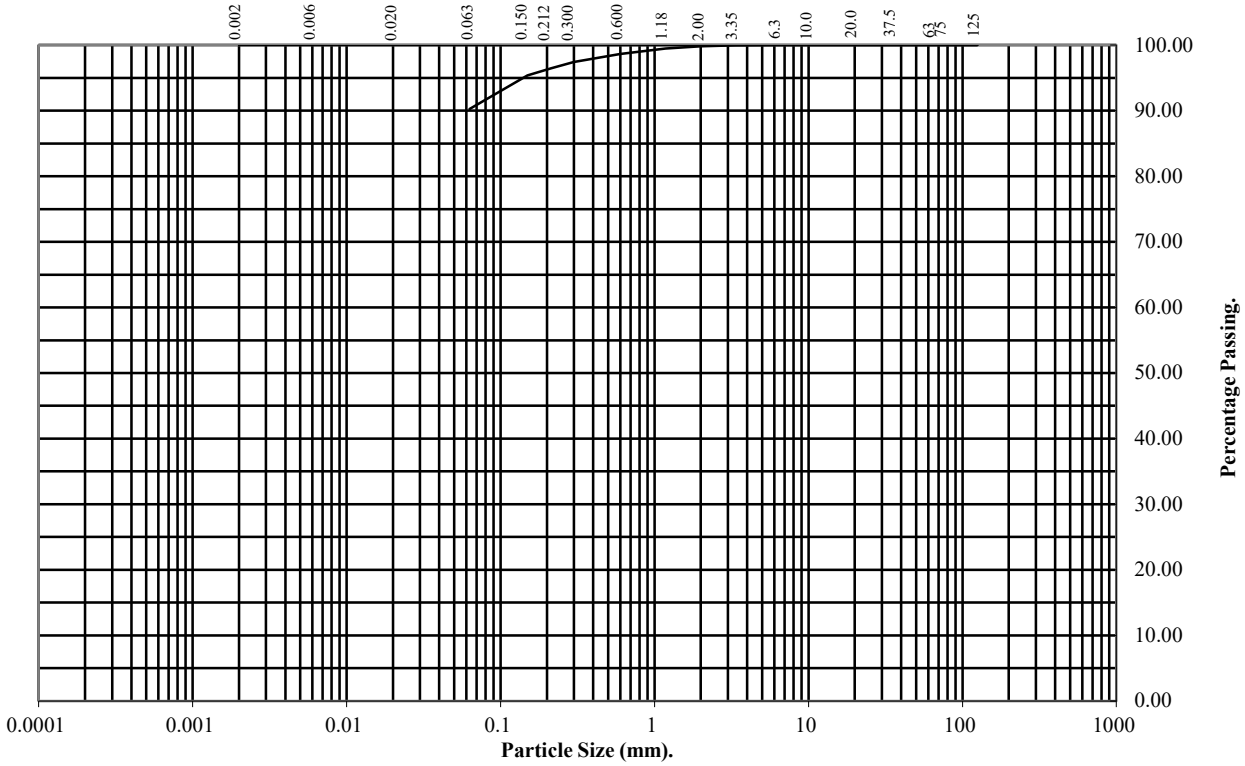
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: TP9 **Top Depth (m):** 0.40

Sample Number: **Base Depth(m):**

Sample Type:



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	99
0.6	99
0.3	97
0.212	96
0.15	95
0.063	90

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	10
Silt/Clay	90

Remarks:

See Summary of Soil Descriptions

PARTICLE SIZE DISTRIBUTION TEST

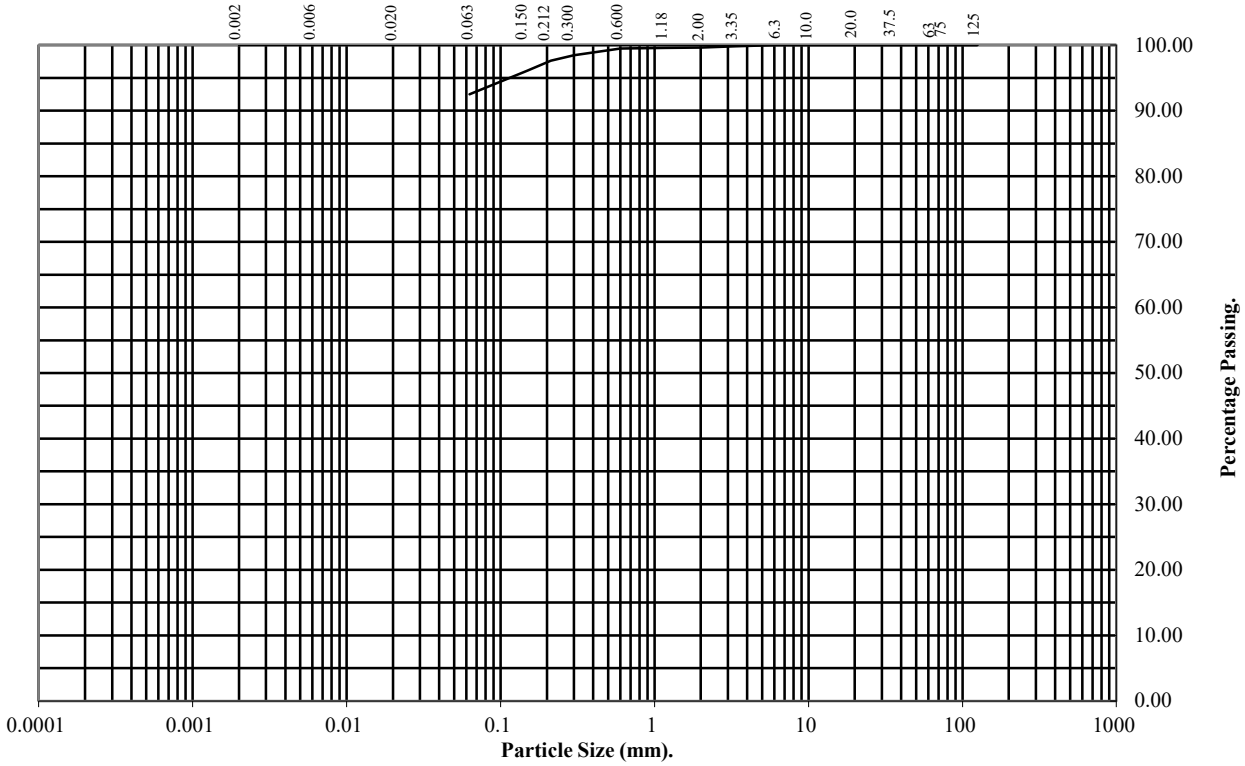
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: TP13 **Top Depth (m):** 1.20

Sample Number: **Base Depth(m):**

Sample Type:



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	100
0.3	98
0.212	98
0.15	96
0.063	92

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	8
Silt/Clay	92

Remarks:

See Summary of Soil Descriptions

PARTICLE SIZE DISTRIBUTION TEST

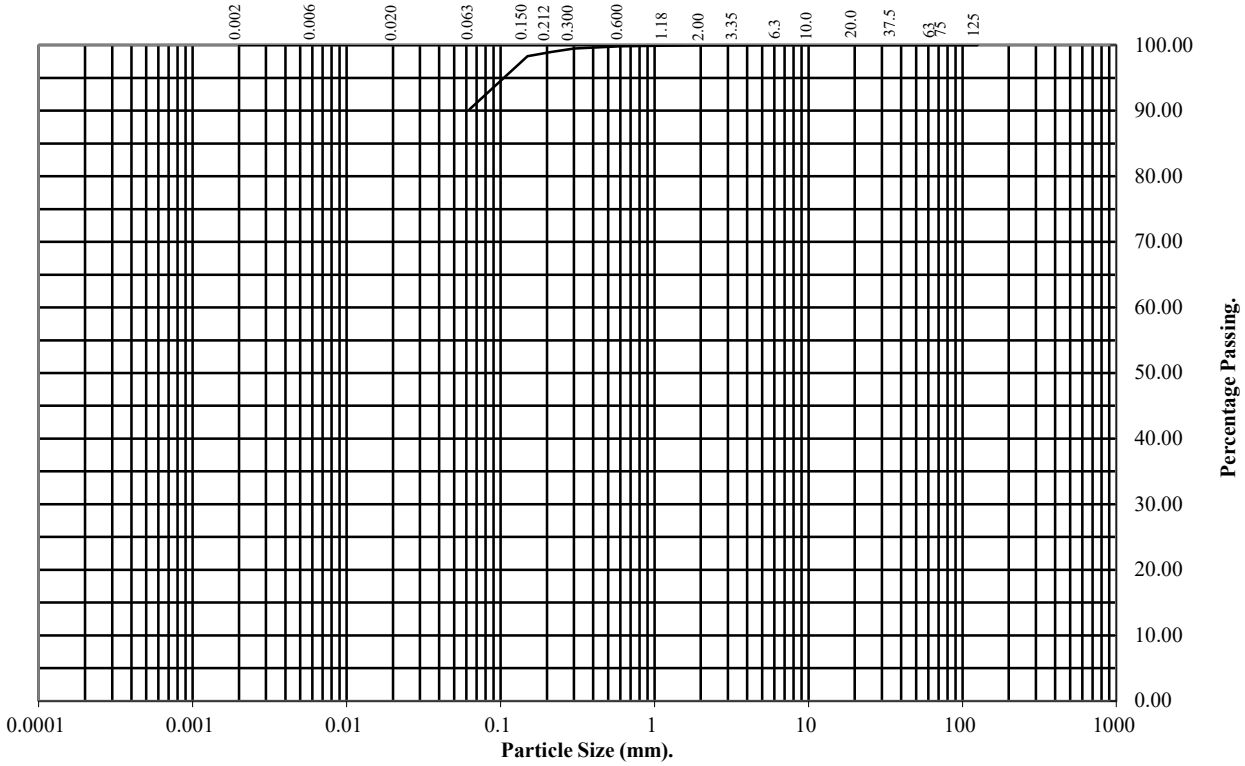
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: TP25 **Top Depth (m):** 1.20

Sample Number: **Base Depth(m):**

Sample Type:



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	100
0.3	99
0.212	99
0.15	98
0.063	90

Soil Fraction	Total Percentage
Cobbles	0
Gravel	0
Sand	10
Silt/Clay	90

Remarks:

See Summary of Soil Descriptions

PARTICLE SIZE DISTRIBUTION TEST

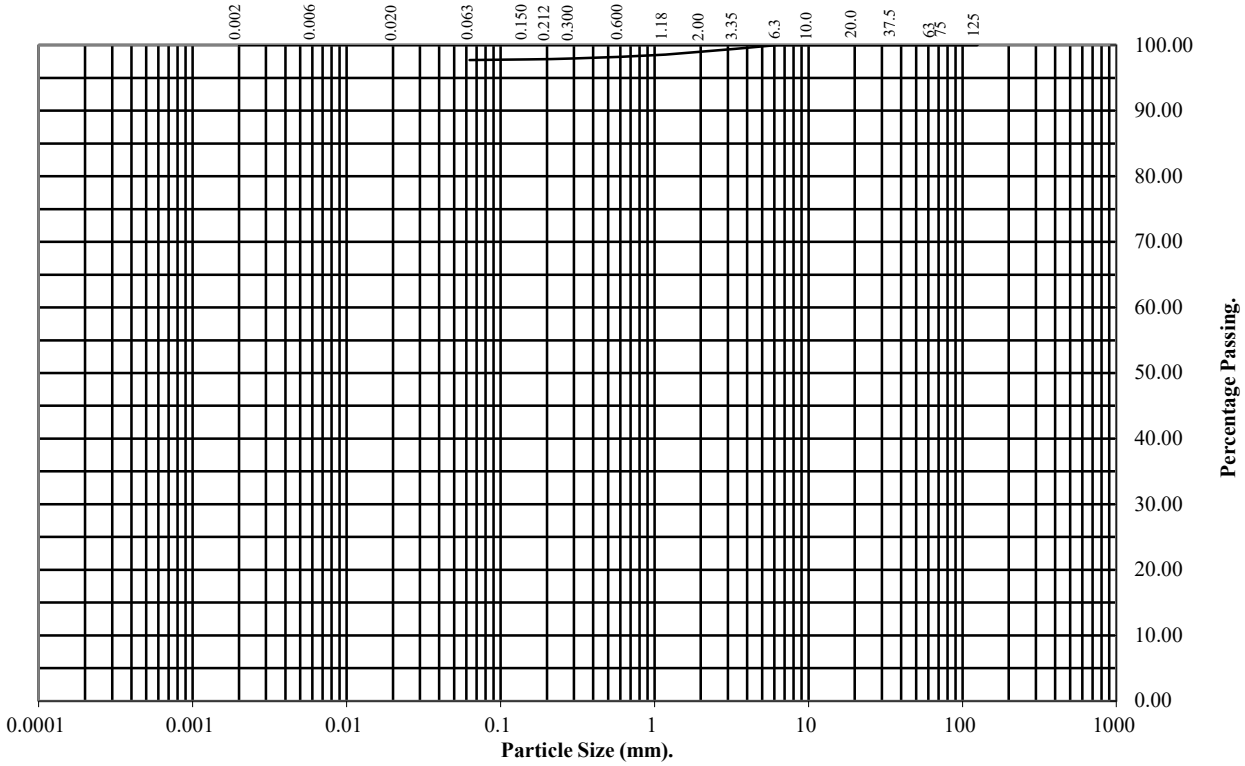
BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

Hole Number: **WS8** **Top Depth (m):** **1.00**

Sample Number: **Base Depth(m):**

Sample Type:



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	99
2	99
1.18	99
0.6	98
0.3	98
0.212	98
0.15	98
0.063	98

Soil Fraction	Total Percentage
Cobbles	0
Gravel	1
Sand	1
Silt/Clay	98

Remarks:

See Summary of Soil Descriptions

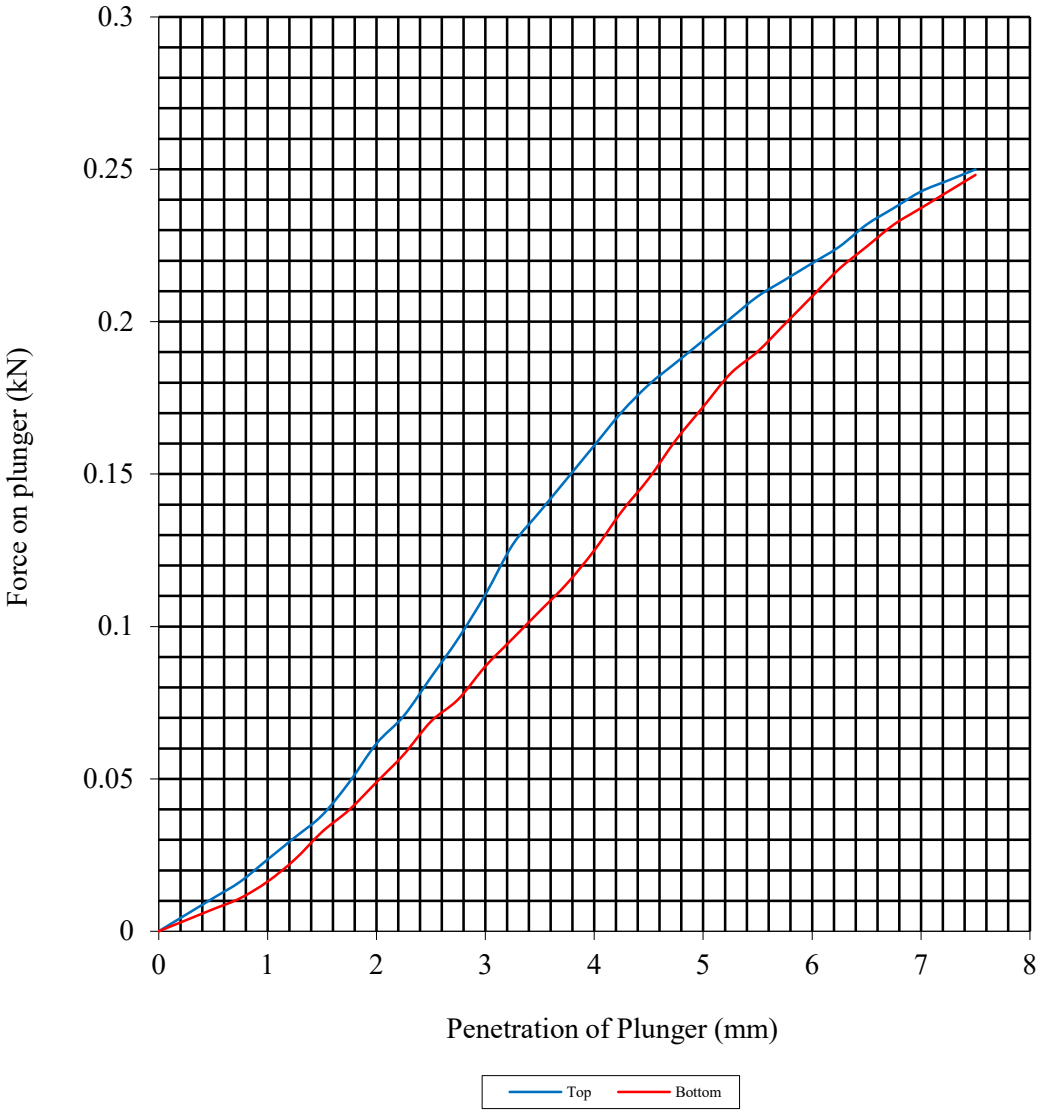
CALIFORNIA BEARING RATIO TEST

BS 1377 : Part 4 : 1990

Hole Number: WS1 **Top Depth (m):** 0.50

Sample Number: **Base Depth (m):** 1.00

Sample Type:



Initial Sample Conditions		Sample Preparation		Final Moisture Content %		C.B.R. Value %	
Moisture Content:	19	Surcharge Kg:	4.20	Sample Top	20	Sample Top	1.0
Bulk Density Mg/m3:	1.91	Soaking Time hrs	96	Sample Bottom	20	Sample Bottom	0.9
Dry Density Mg/m3:	1.61	Swelling mm:	1.02	Remarks : See Summary of Soil Descriptions.			
Percentage retained on 20mm BS test sieve:			0				
Compaction Conditions		2.5kg					

UKAS TESTING 4043

PSL Professional Soils Laboratory

Yews Farm, Pinchbeck

Contract No: PSL20/6908

Client Ref: D39032

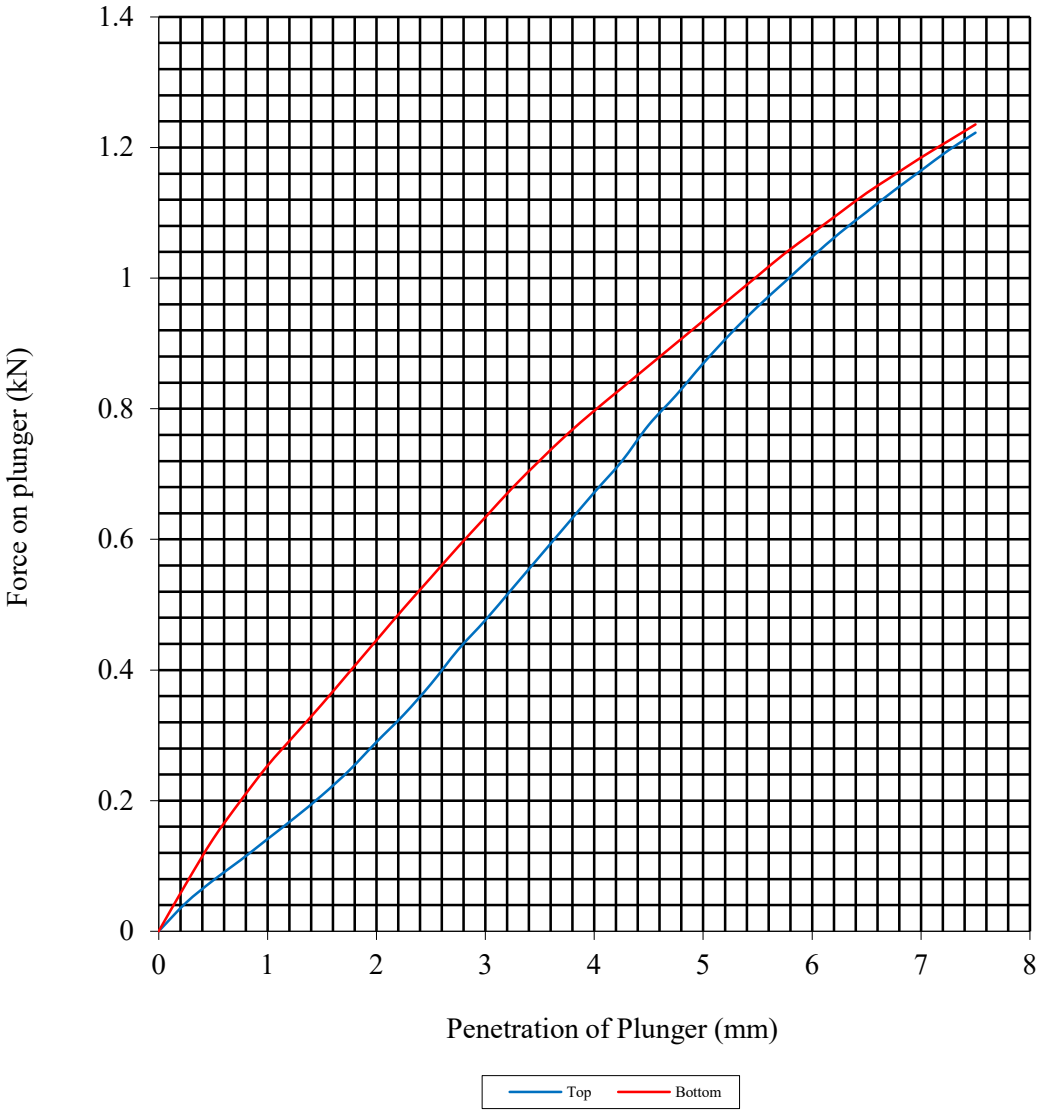
CALIFORNIA BEARING RATIO TEST

BS 1377 : Part 4 : 1990

Hole Number: TP4 **Top Depth (m):** 0.35

Sample Number: **Base Depth (m):** 0.85

Sample Type:



Initial Sample Conditions		Sample Preparation		Final Moisture Content %		C.B.R. Value %	
Moisture Content:	22	Surcharge Kg:	4.20	Sample Top	25	Sample Top	4.3
Bulk Density Mg/m3:	2.00	Soaking Time hrs	96	Sample Bottom	24	Sample Bottom	4.7
Dry Density Mg/m3:	1.64	Swelling mm:	0.62	Remarks : See Summary of Soil Descriptions.			
Percentage retained on 20mm BS test sieve:			0				
Compaction Conditions		2.5kg					

UKAS TESTING 4043

PSL Professional Soils Laboratory

Yews Farm, Pinchbeck

Contract No: PSL20/6908

Client Ref: D39032

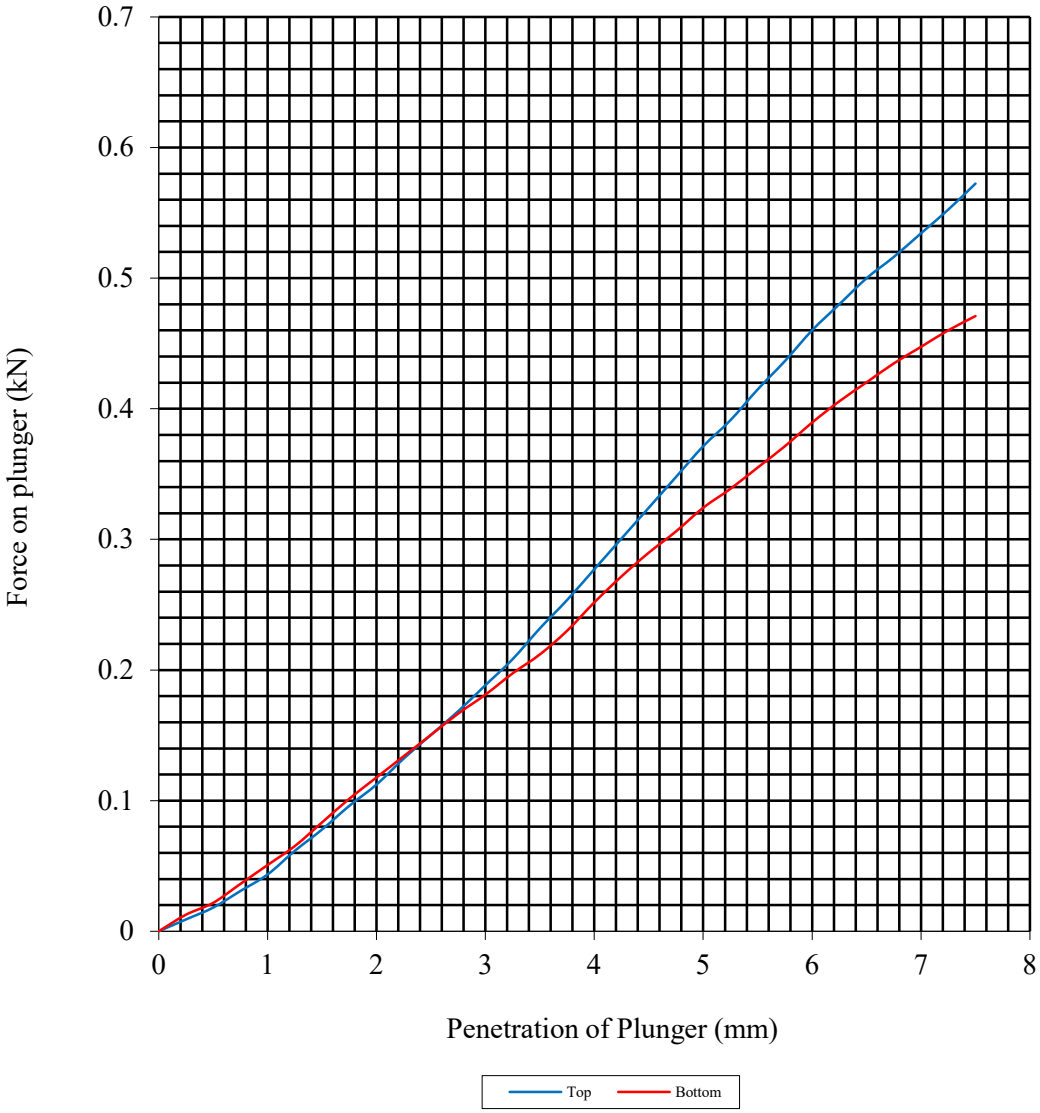
CALIFORNIA BEARING RATIO TEST

BS 1377 : Part 4 : 1990

Hole Number: TP11 **Top Depth (m):** 0.30

Sample Number: **Base Depth (m):** 0.80

Sample Type:



Initial Sample Conditions		Sample Preparation		Final Moisture Content %		C.B.R. Value %	
Moisture Content:	25	Surcharge Kg:	4.20	Sample Top	29	Sample Top	1.9
Bulk Density Mg/m3:	1.95	Soaking Time hrs	96	Sample Bottom	26	Sample Bottom	1.6
Dry Density Mg/m3:	1.55	Swelling mm:	0.91	Remarks : See Summary of Soil Descriptions.			
Percentage retained on 20mm BS test sieve:			0				
Compaction Conditions		2.5kg					

UKAS TESTING 4043

PSL Professional Soils Laboratory

Yews Farm, Pinchbeck

Contract No: PSL20/6908

Client Ref: D39032

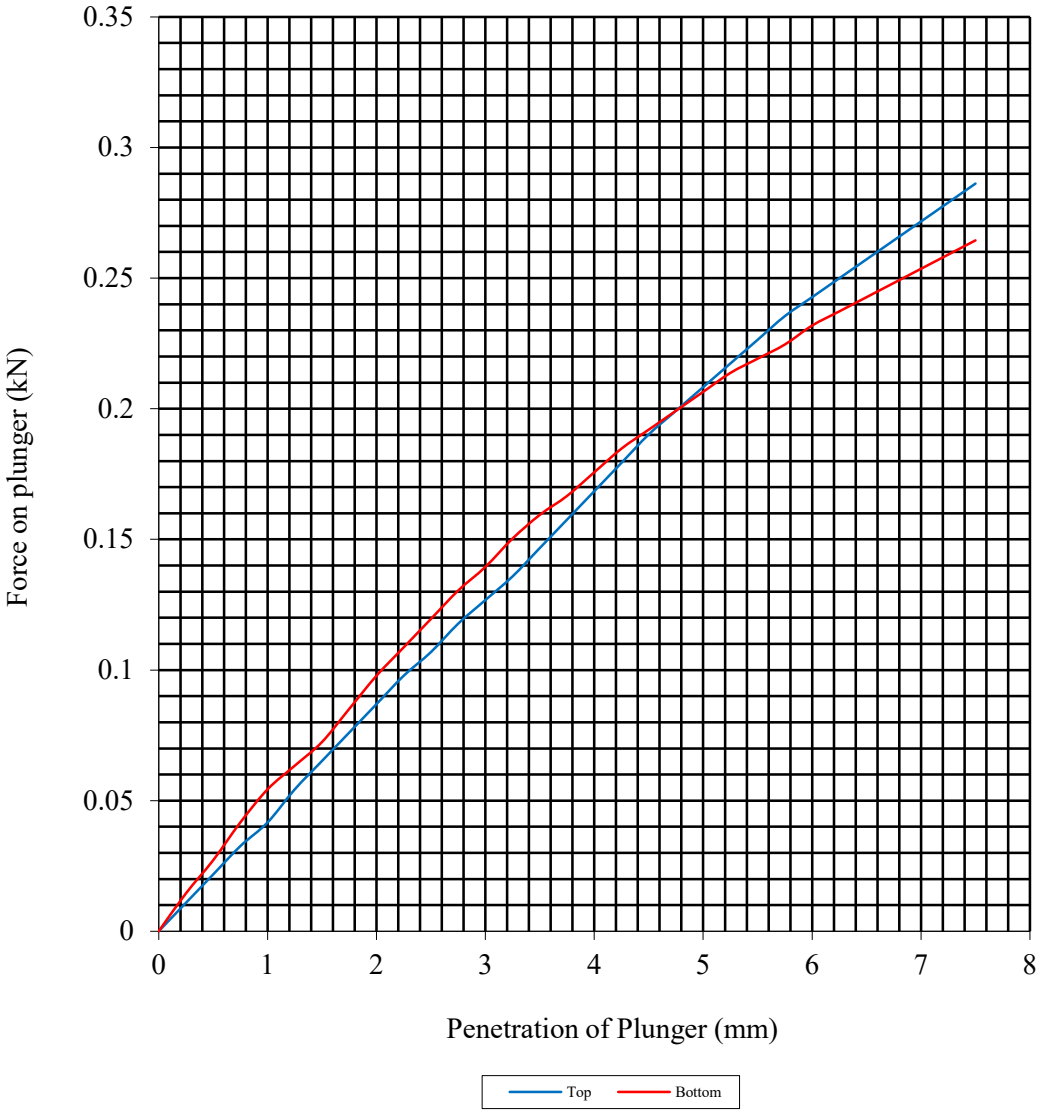
CALIFORNIA BEARING RATIO TEST

BS 1377 : Part 4 : 1990

Hole Number: TP24 **Top Depth (m):** 0.30

Sample Number: **Base Depth (m):** 0.80

Sample Type:



Initial Sample Conditions		Sample Preparation		Final Moisture Content %		C.B.R. Value %	
Moisture Content:	26	Surcharge Kg:	4.20	Sample Top	28	Sample Top	1.0
Bulk Density Mg/m3:	1.93	Soaking Time hrs	96	Sample Bottom	28	Sample Bottom	1.0
Dry Density Mg/m3:	1.52	Swelling mm:	0.72	Remarks : See Summary of Soil Descriptions.			
Percentage retained on 20mm BS test sieve:			0				
Compaction Conditions		2.5kg					

UKAS TESTING 4043

PSL Professional Soils Laboratory

Yews Farm, Pinchbeck

Contract No: PSL20/6908

Client Ref: D39032

envirolab
Units 7 & 8 Sandpits Business Park
Mottram Road, Hyde, Cheshire, SK14 3AR

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 20/10369
Issue Number: 1 **Date:** 10 December, 2020

Client:
GeoDyne (Derby)
9 Brunel Parkway
Pride Park
Derby
Derbyshire
UK
DE24 8HR

Project Manager: Gavin Hallam
Project Name: Yews Farm, Pinchbeck
Project Ref: D39032
Order No: D39032/GH
Date Samples Received: 01/12/20
Date Instructions Received: 02/12/20
Date Analysis Completed: 09/12/20

Prepared by:

Melanie Marshall
Laboratory Coordinator

Approved by:

Sophie France
Client Service Manager

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/1	20/10369/8	20/10369/11	20/10369/13	20/10369/16	20/10369/18	20/10369/22	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS1	WS3	WS4	WS5	WS6	WS7	WS8			
Depth to Top	0.10	1.50	1.50	0.50	0.50	0.10	0.50			
Depth To Bottom										
Date Sampled	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	26-Nov-20	26-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5AE	5A	5A	5A	5A	4A			
% Stones >10mm$_A$	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	% w/w	0.1	A-T-044
pH$_D$$^{M\#}$	-	-	-	8.23	-	7.89	8.37	pH	0.01	A-T-031s
pH BRE$_D$$^{M\#}$	-	7.89	8.07	-	8.45	-	8.37	pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1)$_D$$^{M\#}$	-	149	62	-	13	-	21	mg/l	10	A-T-026s
Total Organic Carbon$_D$$^{M\#}$	-	-	-	0.86	-	1.07	0.52	% w/w	0.03	A-T-032s
Arsenic$_D$$^{M\#}$	-	-	-	4	-	5	4	mg/kg	1	A-T-024s
Cadmium$_D$$^{M\#}$	-	-	-	0.8	-	0.8	<0.5	mg/kg	0.5	A-T-024s
Copper$_D$$^{M\#}$	-	-	-	12	-	10	4	mg/kg	1	A-T-024s
Chromium$_D$$^{M\#}$	-	-	-	27	-	22	12	mg/kg	1	A-T-024s
Chromium (hexavalent)$_D$	-	-	-	<1	-	<1	<1	mg/kg	1	A-T-040s
Chromium (trivalent)	-	-	-	27	-	22	12	mg/kg	1	Calc
Lead$_D$$^{M\#}$	-	-	-	16	-	17	6	mg/kg	1	A-T-024s
Mercury$_D$	-	-	-	<0.17	-	<0.17	<0.17	mg/kg	0.17	A-T-024s
Nickel$_D$$^{M\#}$	-	-	-	18	-	16	10	mg/kg	1	A-T-024s
Selenium$_D$$^{M\#}$	-	-	-	1	-	<1	<1	mg/kg	1	A-T-024s
Zinc$_D$$^{M\#}$	-	-	-	50	-	46	23	mg/kg	5	A-T-024s
OCP+OPP Combined Pest Suite (incl. Atrazine and Simazine)										
Dichlobenil$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Tecnazene$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Trifluralin$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
alpha-Hexachlorocyclohexane (HCH)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Hexachlorobenzene (HCB)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Simazine$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Atrazine$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
beta-Hexachlorocyclohexane (HCH)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Quintozene (PCNB)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Chlorothalonil$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
delta-Hexachlorocyclohexane (HCH)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Triallate$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Heptachlor$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Aldrin$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Triadimefon$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/1	20/10369/8	20/10369/11	20/10369/13	20/10369/16	20/10369/18	20/10369/22	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS1	WS3	WS4	WS5	WS6	WS7	WS8			
Depth to Top	0.10	1.50	1.50	0.50	0.50	0.10	0.50			
Depth To Bottom										
Date Sampled	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	26-Nov-20	26-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5AE	5A	5A	5A	5A	4A			
Telodrin$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Isodrin$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Pendimethalin$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Heptachlor epoxide$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
trans-Chlordane (Gamma)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
o,p-DDE (2,4)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Endosulphan I (Alpha)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
cis-Chlordane (Alpha)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
p,p-DDE (4,4)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Dieldrin$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
o,p-DDD (2,4)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Endrin$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Endosulphan II (Beta)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
p,p-DDD (4,4)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
o,p-DDT (2,4)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Endrin Aldehyde$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Endrin Ketone$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Endosulphan Sulphate$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
p,p-DDT (4,4)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
o,p-Methoxychlor$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
p,p-Methoxychlor$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Permethrin I (cis)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Permethrin II (trans)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Dichlorvos$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Mevinphos$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Demeton-S$_A$	<0.50	-	-	-	-	-	-	mg/kg	0.5	A-T-056
Demeton-O$_A$	<0.50	-	-	-	-	-	-	mg/kg	0.5	A-T-056
Phorate$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Dimethoate$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Propetamphos$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Diazinon (Dimpylate)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Disulfoton$_A$	<0.10	-	-	-	-	-	-	mg/kg	0.1	A-T-056
Etrimphos$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Chlorpyrifos-methyl$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/1	20/10369/8	20/10369/11	20/10369/13	20/10369/16	20/10369/18	20/10369/22	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS1	WS3	WS4	WS5	WS6	WS7	WS8			
Depth to Top	0.10	1.50	1.50	0.50	0.50	0.10	0.50			
Depth To Bottom										
Date Sampled	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	26-Nov-20	26-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5AE	5A	5A	5A	5A	4A			
Parathion (Ethyl Parathion)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Methyl Parathion$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Pirimiphos-methyl$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Fenitrothion$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Fensulphothion$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Fenthion$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Malathion$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Chlorfenvinphos$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Chlorpyrifos$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Trichloronate$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Prothiofos (Tokuthion)$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Ethion$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Triazophos$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Sulprofos$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Carbophenothion$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Phosalone$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Azinphos-methyl$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Azinphos-ethyl$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056
Coumaphos$_A$	<0.01	-	-	-	-	-	-	mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/1	20/10369/8	20/10369/11	20/10369/13	20/10369/16	20/10369/18	20/10369/22	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS1	WS3	WS4	WS5	WS6	WS7	WS8			
Depth to Top	0.10	1.50	1.50	0.50	0.50	0.10	0.50			
Depth To Bottom										
Date Sampled	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	26-Nov-20	26-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5AE	5A	5A	5A	5A	4A			
PAH-16MS										
Acenaphthene$_A^{M\#}$	-	-	-	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Acenaphthylene$_A^{M\#}$	-	-	-	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Anthracene$_A^{M\#}$	-	-	-	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Benzo(a)anthracene$_A^{M\#}$	-	-	-	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Benzo(a)pyrene$_A^{M\#}$	-	-	-	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Benzo(b)fluoranthene$_A^{M\#}$	-	-	-	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Benzo(ghi)perylene$_A^{M\#}$	-	-	-	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Benzo(k)fluoranthene$_A^{M\#}$	-	-	-	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Chrysene$_A^{M\#}$	-	-	-	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Dibenzo(ah)anthracene$_A^{M\#}$	-	-	-	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Fluoranthene$_A^{M\#}$	-	-	-	0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Fluorene$_A^{M\#}$	-	-	-	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Indeno(123-cd)pyrene$_A^{M\#}$	-	-	-	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Naphthalene$_A^{M\#}$	-	-	-	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Phenanthrene$_A^{M\#}$	-	-	-	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Pyrene$_A^{M\#}$	-	-	-	0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Total PAH-16MS$_A^{M\#}$	-	-	-	0.2	-	<0.1	<0.1	mg/kg	0.1	A-T-019s

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/24	20/10369/27	20/10369/32	20/10369/39	20/10369/40	20/10369/44	20/10369/45	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS9	WS10	TP2	TP6	TP6	TP8	TP9			
Depth to Top	0.10	0.10	0.50	0.20	0.80	1.30	0.10			
Depth To Bottom										
Date Sampled	26-Nov-20	26-Nov-20	23-Nov-20	23-Nov-20	23-Nov-20	23-Nov-20	23-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5A	5A	5AE	5A	5A	6AE			
% Stones >10mm$_A$	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	% w/w	0.1	A-T-044
pH$_D^{M\#}$	6.72	-	8.21	7.82	-	8.37	8.02	pH	0.01	A-T-031s
pH BRE$_D^{M\#}$	-	-	-	-	8.40	-	-	pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1)$_D^{M\#}$	-	-	-	-	10	-	-	mg/l	10	A-T-026s
Total Organic Carbon$_D^{M\#}$	0.94	-	0.58	1.25	-	0.69	1.00	% w/w	0.03	A-T-032s
Arsenic$_D^{M\#}$	6	-	9	5	-	12	6	mg/kg	1	A-T-024s
Cadmium$_D^{M\#}$	0.8	-	1.3	0.9	-	1.4	0.7	mg/kg	0.5	A-T-024s
Copper$_D^{M\#}$	10	-	13	11	-	14	9	mg/kg	1	A-T-024s
Chromium$_D^{M\#}$	23	-	42	29	-	40	20	mg/kg	1	A-T-024s
Chromium (hexavalent)$_D$	<1	-	<1	<1	-	<1	<1	mg/kg	1	A-T-040s
Chromium (trivalent)	23	-	42	29	-	40	20	mg/kg	1	Calc
Lead$_D^{M\#}$	19	-	16	22	-	18	18	mg/kg	1	A-T-024s
Mercury$_D$	<0.17	-	<0.17	<0.17	-	<0.17	<0.17	mg/kg	0.17	A-T-024s
Nickel$_D^{M\#}$	18	-	28	21	-	33	14	mg/kg	1	A-T-024s
Selenium$_D^{M\#}$	1	-	<1	1	-	1	<1	mg/kg	1	A-T-024s
Zinc$_D^{M\#}$	48	-	61	50	-	69	39	mg/kg	5	A-T-024s
OCP+OPP Combined Pest Suite (incl. Atrazine and Simazine)										
Dichlobenil$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Tecnazene$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Trifluralin$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
alpha-Hexachlorocyclohexane (HCH)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Hexachlorobenzene (HCB)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Simazine$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Atrazine$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
beta-Hexachlorocyclohexane (HCH)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Quintozene (PCNB)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Chlorothalonil$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
delta-Hexachlorocyclohexane (HCH)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Triallate$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Heptachlor$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Aldrin$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Triadimefon$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/24	20/10369/27	20/10369/32	20/10369/39	20/10369/40	20/10369/44	20/10369/45	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS9	WS10	TP2	TP6	TP6	TP8	TP9			
Depth to Top	0.10	0.10	0.50	0.20	0.80	1.30	0.10			
Depth To Bottom										
Date Sampled	26-Nov-20	26-Nov-20	23-Nov-20	23-Nov-20	23-Nov-20	23-Nov-20	23-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5A	5A	5AE	5A	5A	6AE			
Telodrin$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Isodrin$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Pendimethalin$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Heptachlor epoxide$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
trans-Chlordane (Gamma)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
o,p-DDE (2,4)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Endosulphan I (Alpha)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
cis-Chlordane (Alpha)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
p,p-DDE (4,4)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Dieldrin$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
o,p-DDD (2,4)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Endrin$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Endosulphan II (Beta)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
p,p-DDD (4,4)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
o,p-DDT (2,4)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Endrin Aldehyde$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Endrin Ketone$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Endosulphan Sulphate$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
p,p-DDT (4,4)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
o,p-Methoxychlor$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
p,p-Methoxychlor$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Permethrin I (cis)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Permethrin II (trans)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Dichlorvos$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Mevinphos$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Demeton-S$_A$	-	<0.50	-	-	-	-	-	mg/kg	0.5	A-T-056
Demeton-O$_A$	-	<0.50	-	-	-	-	-	mg/kg	0.5	A-T-056
Phorate$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Dimethoate$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Propetamphos$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Diazinon (Dimpylate)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Disulfoton$_A$	-	<0.10	-	-	-	-	-	mg/kg	0.1	A-T-056
Etrimphos$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Chlorpyrifos-methyl$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/24	20/10369/27	20/10369/32	20/10369/39	20/10369/40	20/10369/44	20/10369/45	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS9	WS10	TP2	TP6	TP6	TP8	TP9			
Depth to Top	0.10	0.10	0.50	0.20	0.80	1.30	0.10			
Depth To Bottom										
Date Sampled	26-Nov-20	26-Nov-20	23-Nov-20	23-Nov-20	23-Nov-20	23-Nov-20	23-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5A	5A	5AE	5A	5A	6AE			
Parathion (Ethyl Parathion)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Methyl Parathion$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Pirimiphos-methyl$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Fenitrothion$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Fensulphothion$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Fenthion$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Malathion$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Chlorfenvinphos$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Chlorpyrifos$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Trichloronate$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Prothiofos (Tokuthion)$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Ethion$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Triazophos$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Sulprofos$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Carbophenothion$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Phosalone$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Azinphos-methyl$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Azinphos-ethyl$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056
Coumaphos$_A$	-	<0.01	-	-	-	-	-	mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/24	20/10369/27	20/10369/32	20/10369/39	20/10369/40	20/10369/44	20/10369/45	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	WS9	WS10	TP2	TP6	TP6	TP8	TP9			
Depth to Top	0.10	0.10	0.50	0.20	0.80	1.30	0.10			
Depth To Bottom										
Date Sampled	26-Nov-20	26-Nov-20	23-Nov-20	23-Nov-20	23-Nov-20	23-Nov-20	23-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5A	5A	5AE	5A	5A	6AE			
PAH-16MS										
Acenaphthene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Acenaphthylene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Anthracene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Benzo(a)anthracene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Benzo(a)pyrene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Benzo(b)fluoranthene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Benzo(ghi)perylene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Benzo(k)fluoranthene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Chrysene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Dibenzo(ah)anthracene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Fluoranthene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Fluorene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Indeno(123-cd)pyrene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Naphthalene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Phenanthrene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Pyrene$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s
Total PAH-16MS$_A^{M\#}$	<0.1	-	<0.1	<0.1	-	<0.1	<0.1	mg/kg	0.1	A-T-019s

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/48	20/10369/49	20/10369/52	20/10369/55	20/10369/57	20/10369/59	20/10369/61	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP10	TP11	TP12	TP14	TP15	TP16	TP17			
Depth to Top	1.60	0.20	1.30	0.60	0.20	0.50	0.10			
Depth To Bottom										
Date Sampled	23-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5A	5A	5A	6AE	5A	5AE			
% Stones >10mm$_A$	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	% w/w	0.1	A-T-044
pH$_D$[M#]	-	8.20	8.46	-	-	8.42	-	pH	0.01	A-T-031s
pH BRE$_D$[M#]	8.15	-	-	8.22	-	-	-	pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1)$_D$[M#]	27	-	-	17	-	-	-	mg/l	10	A-T-026s
Total Organic Carbon$_D$[M#]	-	0.61	0.54	-	-	0.44	-	% w/w	0.03	A-T-032s
Arsenic$_D$[M#]	-	7	3	-	-	4	-	mg/kg	1	A-T-024s
Cadmium$_D$[M#]	-	0.9	1.0	-	-	0.7	-	mg/kg	0.5	A-T-024s
Copper$_D$[M#]	-	9	12	-	-	7	-	mg/kg	1	A-T-024s
Chromium$_D$[M#]	-	24	34	-	-	21	-	mg/kg	1	A-T-024s
Chromium (hexavalent)$_D$	-	<1	<1	-	-	<1	-	mg/kg	1	A-T-040s
Chromium (trivalent)	-	24	34	-	-	21	-	mg/kg	1	Calc
Lead$_D$[M#]	-	11	13	-	-	10	-	mg/kg	1	A-T-024s
Mercury$_D$	-	<0.17	0.43	-	-	<0.17	-	mg/kg	0.17	A-T-024s
Nickel$_D$[M#]	-	19	25	-	-	15	-	mg/kg	1	A-T-024s
Selenium$_D$[M#]	-	<1	<1	-	-	<1	-	mg/kg	1	A-T-024s
Zinc$_D$[M#]	-	45	53	-	-	37	-	mg/kg	5	A-T-024s
OCP+OPP Combined Pest Suite (incl. Atrazine and Simazine)										
Dichlobenil$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Tecnazene$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Trifluralin$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
alpha-Hexachlorocyclohexane (HCH)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Hexachlorobenzene (HCB)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Simazine$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Atrazine$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
beta-Hexachlorocyclohexane (HCH)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Quintozene (PCNB)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Chlorothalonil$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
delta-Hexachlorocyclohexane (HCH)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Triallate$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Heptachlor$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Aldrin$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Triadimefon$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/48	20/10369/49	20/10369/52	20/10369/55	20/10369/57	20/10369/59	20/10369/61	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP10	TP11	TP12	TP14	TP15	TP16	TP17			
Depth to Top	1.60	0.20	1.30	0.60	0.20	0.50	0.10			
Depth To Bottom										
Date Sampled	23-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5A	5A	5A	6AE	5A	5AE			
Telodrin$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Isodrin$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Pendimethalin$_A$	-	-	-	-	<0.01	-	0.04	mg/kg	0.01	A-T-056
Heptachlor epoxide$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
trans-Chlordane (Gamma)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
o,p-DDE (2,4)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Endosulphan I (Alpha)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
cis-Chlordane (Alpha)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
p,p-DDE (4,4)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Dieldrin$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
o,p-DDD (2,4)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Endrin$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Endosulphan II (Beta)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
p,p-DDD (4,4)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
o,p-DDT (2,4)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Endrin Aldehyde$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Endrin Ketone$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Endosulphan Sulphate$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
p,p-DDT (4,4)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
o,p-Methoxychlor$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
p,p-Methoxychlor$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Permethrin I (cis)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Permethrin II (trans)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Dichlorvos$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Mevinphos$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Demeton-S$_A$	-	-	-	-	<0.50	-	<0.50	mg/kg	0.5	A-T-056
Demeton-O$_A$	-	-	-	-	<0.50	-	<0.50	mg/kg	0.5	A-T-056
Phorate$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Dimethoate$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Propetamphos$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Diazinon (Dimpylate)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Disulfoton$_A$	-	-	-	-	<0.10	-	<0.10	mg/kg	0.1	A-T-056
Etrimphos$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Chlorpyrifos-methyl$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/48	20/10369/49	20/10369/52	20/10369/55	20/10369/57	20/10369/59	20/10369/61	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP10	TP11	TP12	TP14	TP15	TP16	TP17			
Depth to Top	1.60	0.20	1.30	0.60	0.20	0.50	0.10			
Depth To Bottom										
Date Sampled	23-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5A	5A	5A	6AE	5A	5AE			
Parathion (Ethyl Parathion)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Methyl Parathion$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Pirimiphos-methyl$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Fenitrothion$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Fensulphothion$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Fenthion$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Malathion$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Chlorfenvinphos$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Chlorpyrifos$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Trichloronate$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Prothiofos (Tokuthion)$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Ethion$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Triazophos$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Sulprofos$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Carbophenothion$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Phosalone$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Azinphos-methyl$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Azinphos-ethyl$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056
Coumaphos$_A$	-	-	-	-	<0.01	-	<0.01	mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/48	20/10369/49	20/10369/52	20/10369/55	20/10369/57	20/10369/59	20/10369/61	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP10	TP11	TP12	TP14	TP15	TP16	TP17			
Depth to Top	1.60	0.20	1.30	0.60	0.20	0.50	0.10			
Depth To Bottom										
Date Sampled	23-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20	24-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5A	5A	5A	6AE	5A	5AE			
PAH-16MS										
Acenaphthene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Acenaphthylene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Anthracene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Benzo(a)anthracene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Benzo(a)pyrene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Benzo(b)fluoranthene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Benzo(ghi)perylene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Benzo(k)fluoranthene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Chrysene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Dibenzo(ah)anthracene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Fluoranthene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Fluorene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Indeno(123-cd)pyrene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Naphthalene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Phenanthrene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Pyrene$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s
Total PAH-16MS$_A^{M\#}$	-	<0.1	<0.1	-	-	<0.1	-	mg/kg	0.1	A-T-019s

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/63	20/10369/70	20/10369/71	20/10369/72	20/10369/73	20/10369/75	20/10369/77	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP18	TP22	TP22	TP24	TP25	TP27	TP28			
Depth to Top	0.50	0.10	0.90	0.10	0.50	1.20	1.10			
Depth To Bottom										
Date Sampled	24-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5A	5A	6AE	5A	5A	5A			
% Stones >10mm$_A$	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	% w/w	0.1	A-T-044
pH$_D$$^{M\#}$	-	7.94	8.14	8.22	-	6.97	-	pH	0.01	A-T-031s
pH BRE$_D$$^{M\#}$	7.92	-	-	-	8.06	-	8.10	pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1)$_D$$^{M\#}$	19	-	-	-	11	-	19	mg/l	10	A-T-026s
Total Organic Carbon$_D$$^{M\#}$	-	1.20	0.81	1.22	-	5.33	-	% w/w	0.03	A-T-032s
Arsenic$_D$$^{M\#}$	-	7	7	7	-	9	-	mg/kg	1	A-T-024s
Cadmium$_D$$^{M\#}$	-	0.7	1.0	0.7	-	0.9	-	mg/kg	0.5	A-T-024s
Copper$_D$$^{M\#}$	-	11	11	10	-	26	-	mg/kg	1	A-T-024s
Chromium$_D$$^{M\#}$	-	18	33	18	-	38	-	mg/kg	1	A-T-024s
Chromium (hexavalent)$_D$	-	<1	<1	<1	-	<1	-	mg/kg	1	A-T-040s
Chromium (trivalent)	-	18	33	18	-	38	-	mg/kg	1	Calc
Lead$_D$$^{M\#}$	-	22	14	19	-	26	-	mg/kg	1	A-T-024s
Mercury$_D$	-	<0.17	<0.17	<0.17	-	<0.17	-	mg/kg	0.17	A-T-024s
Nickel$_D$$^{M\#}$	-	15	25	14	-	28	-	mg/kg	1	A-T-024s
Selenium$_D$$^{M\#}$	-	<1	<1	<1	-	<1	-	mg/kg	1	A-T-024s
Zinc$_D$$^{M\#}$	-	43	56	40	-	77	-	mg/kg	5	A-T-024s
OCP+OPP Combined Pest Suite (incl. Atrazine and Simazine)										
Dichlobenil$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Tecnazene$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Trifluralin$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
alpha-Hexachlorocyclohexane (HCH)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Hexachlorobenzene (HCB)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Simazine$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Atrazine$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
beta-Hexachlorocyclohexane (HCH)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Quintozene (PCNB)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Chlorothalonil$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
delta-Hexachlorocyclohexane (HCH)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Triallate$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Heptachlor$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Aldrin$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Triadimefon$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056

Lab Sample ID	20/10369/63	20/10369/70	20/10369/71	20/10369/72	20/10369/73	20/10369/75	20/10369/77	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP18	TP22	TP22	TP24	TP25	TP27	TP28			
Depth to Top	0.50	0.10	0.90	0.10	0.50	1.20	1.10			
Depth To Bottom										
Date Sampled	24-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5A	5A	6AE	5A	5A	5A			
Telodrin$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Isodrin$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Pendimethalin$_A$	-	-	-	0.01	-	-	-	mg/kg	0.01	A-T-056
Heptachlor epoxide$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
trans-Chlordane (Gamma)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
o,p-DDE (2,4)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Endosulphan I (Alpha)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
cis-Chlordane (Alpha)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
p,p-DDE (4,4)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Dieldrin$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
o,p-DDD (2,4)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Endrin$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Endosulphan II (Beta)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
p,p-DDD (4,4)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
o,p-DDT (2,4)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Endrin Aldehyde$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Endrin Ketone$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Endosulphan Sulphate$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
p,p-DDT (4,4)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
o,p-Methoxychlor$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
p,p-Methoxychlor$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Permethrin I (cis)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Permethrin II (trans)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Dichlorvos$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Mevinphos$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Demeton-S$_A$	-	-	-	<0.50	-	-	-	mg/kg	0.5	A-T-056
Demeton-O$_A$	-	-	-	<0.50	-	-	-	mg/kg	0.5	A-T-056
Phorate$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Dimethoate$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Propetamphos$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Diazinon (Dimpylate)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Disulfoton$_A$	-	-	-	<0.10	-	-	-	mg/kg	0.1	A-T-056
Etrimphos$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Chlorpyrifos-methyl$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/63	20/10369/70	20/10369/71	20/10369/72	20/10369/73	20/10369/75	20/10369/77	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP18	TP22	TP22	TP24	TP25	TP27	TP28			
Depth to Top	0.50	0.10	0.90	0.10	0.50	1.20	1.10			
Depth To Bottom										
Date Sampled	24-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5A	5A	6AE	5A	5A	5A			
Parathion (Ethyl Parathion)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Methyl Parathion$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Pirimiphos-methyl$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Fenitrothion$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Fensulphothion$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Fenthion$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Malathion$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Chlorfenvinphos$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Chlorpyrifos$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Trichloronate$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Prothiofos (Tokuthion)$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Ethion$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Triazophos$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Sulprofos$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Carbophenothion$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Phosalone$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Azinphos-methyl$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Azinphos-ethyl$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056
Coumaphos$_A$	-	-	-	<0.01	-	-	-	mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/63	20/10369/70	20/10369/71	20/10369/72	20/10369/73	20/10369/75	20/10369/77	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP18	TP22	TP22	TP24	TP25	TP27	TP28			
Depth to Top	0.50	0.10	0.90	0.10	0.50	1.20	1.10			
Depth To Bottom										
Date Sampled	24-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20	25-Nov-20			
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D	Soil - D			
Sample Matrix Code	5A	5A	5A	6AE	5A	5A	5A			
PAH-16MS										
Acenaphthene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Acenaphthylene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Anthracene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Benzo(a)anthracene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Benzo(a)pyrene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Benzo(b)fluoranthene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Benzo(ghi)perylene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Benzo(k)fluoranthene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Chrysene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Dibenzo(ah)anthracene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Fluoranthene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Fluorene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Indeno(123-cd)pyrene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Naphthalene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Phenanthrene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Pyrene$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s
Total PAH-16MS$_A^{M\#}$	-	<0.1	<0.1	<0.1	-	<0.1	-	mg/kg	0.1	A-T-019s

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/80	20/10369/82	20/10369/83					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP32	TP34	TP35							
Depth to Top	0.45	0.90	0.10							
Depth To Bottom										
Date Sampled	26-Nov-20	26-Nov-20	26-Nov-20							
Sample Type	Soil - D	Soil - D	Soil - D							
Sample Matrix Code	5A	5A	6AE							
% Stones >10mm$_A$	<0.1	<0.1	<0.1					% w/w	0.1	A-T-044
pH$_D$$^{M\#}$	-	-	7.37					pH	0.01	A-T-031s
pH BRE$_D$$^{M\#}$	8.40	8.31	-					pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1)$_D$$^{M\#}$	19	13	-					mg/l	10	A-T-026s
Total Organic Carbon$_D$$^{M\#}$	-	-	1.09					% w/w	0.03	A-T-032s
Arsenic$_D$$^{M\#}$	-	-	8					mg/kg	1	A-T-024s
Cadmium$_D$$^{M\#}$	-	-	0.9					mg/kg	0.5	A-T-024s
Copper$_D$$^{M\#}$	-	-	13					mg/kg	1	A-T-024s
Chromium$_D$$^{M\#}$	-	-	31					mg/kg	1	A-T-024s
Chromium (hexavalent)$_D$	-	-	<1					mg/kg	1	A-T-040s
Chromium (trivalent)	-	-	31					mg/kg	1	Calc
Lead$_D$$^{M\#}$	-	-	31					mg/kg	1	A-T-024s
Mercury$_D$	-	-	<0.17					mg/kg	0.17	A-T-024s
Nickel$_D$$^{M\#}$	-	-	22					mg/kg	1	A-T-024s
Selenium$_D$$^{M\#}$	-	-	<1					mg/kg	1	A-T-024s
Zinc$_D$$^{M\#}$	-	-	55					mg/kg	5	A-T-024s
OCP+OPP Combined Pest Suite (incl. Atrazine and Simazine)										
Dichlobenil$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Tecnazene$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Trifluralin$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
alpha-Hexachlorocyclohexane (HCH)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Hexachlorobenzene (HCB)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Simazine$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Atrazine$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
beta-Hexachlorocyclohexane (HCH)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Quintozene (PCNB)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Chlorothalonil$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
delta-Hexachlorocyclohexane (HCH)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Triallate$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Heptachlor$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Aldrin$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Triadimefon$_A$	-	-	<0.01					mg/kg	0.01	A-T-056

Lab Sample ID	20/10369/80	20/10369/82	20/10369/83					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP32	TP34	TP35							
Depth to Top	0.45	0.90	0.10							
Depth To Bottom										
Date Sampled	26-Nov-20	26-Nov-20	26-Nov-20							
Sample Type	Soil - D	Soil - D	Soil - D							
Sample Matrix Code	5A	5A	6AE							
Telodrin$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Isodrin$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Pendimethalin$_A$	-	-	0.37					mg/kg	0.01	A-T-056
Heptachlor epoxide$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
trans-Chlordane (Gamma)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
o,p-DDE (2,4)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Endosulphan I (Alpha)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
cis-Chlordane (Alpha)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
p,p-DDE (4,4)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Dieldrin$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
o,p-DDD (2,4)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Endrin$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Endosulphan II (Beta)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
p,p-DDD (4,4)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
o,p-DDT (2,4)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Endrin Aldehyde$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Endrin Ketone$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Endosulphan Sulphate$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
p,p-DDT (4,4)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
o,p-Methoxychlor$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
p,p-Methoxychlor$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Permethrin I (cis)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Permethrin II (trans)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Dichlorvos$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Mevinphos$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Demeton-S$_A$	-	-	<0.50					mg/kg	0.5	A-T-056
Demeton-O$_A$	-	-	<0.50					mg/kg	0.5	A-T-056
Phorate$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Dimethoate$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Propetamphos$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Diazinon (Dimpylate)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Disulfoton$_A$	-	-	<0.10					mg/kg	0.1	A-T-056
Etrimphos$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Chlorpyrifos-methyl$_A$	-	-	<0.01					mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/80	20/10369/82	20/10369/83					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP32	TP34	TP35							
Depth to Top	0.45	0.90	0.10							
Depth To Bottom										
Date Sampled	26-Nov-20	26-Nov-20	26-Nov-20							
Sample Type	Soil - D	Soil - D	Soil - D							
Sample Matrix Code	5A	5A	6AE							
Parathion (Ethyl Parathion)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Methyl Parathion$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Pirimiphos-methyl$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Fenitrothion$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Fensulphothion$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Fenthion$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Malathion$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Chlorfenvinphos$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Chlorpyrifos$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Trichloronate$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Prothiofos (Tokuthion)$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Ethion$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Triazophos$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Sulprofos$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Carbophenothion$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Phosalone$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Azinphos-methyl$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Azinphos-ethyl$_A$	-	-	<0.01					mg/kg	0.01	A-T-056
Coumaphos$_A$	-	-	<0.01					mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10369

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10369/80	20/10369/82	20/10369/83					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP32	TP34	TP35							
Depth to Top	0.45	0.90	0.10							
Depth To Bottom										
Date Sampled	26-Nov-20	26-Nov-20	26-Nov-20							
Sample Type	Soil - D	Soil - D	Soil - D							
Sample Matrix Code	5A	5A	6AE							
PAH-16MS										
Acenaphthene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Acenaphthylene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Anthracene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Benzo(a)anthracene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Benzo(a)pyrene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Benzo(b)fluoranthene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Benzo(ghi)perylene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Benzo(k)fluoranthene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Chrysene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Dibenzo(ah)anthracene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Fluoranthene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Fluorene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Indeno(123-cd)pyrene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Naphthalene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Phenanthrene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Pyrene$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s
Total PAH-16MS$_A^{M\#}$	-	-	<0.1					mg/kg	0.1	A-T-019s

REPORT NOTES

General
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The results reported herein relate only to the material supplied to the laboratory.
The residue of any samples contained within this report, and any received with the same delivery, will be disposed of six weeks after initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of six months after the initial Asbestos testing is completed.
Analytical results reflect the quality of the sample at the time of analysis only.
Opinions and interpretations expressed are outside the scope of our accreditation.
If results are in italic font they are associated with an AQC failure, these are not accredited and are unreliable.
A deviating samples report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.
The Client Sample No, Client Sample ID, Depth to Top, Depth to Bottom and Date Sampled were all provided by the client.

Soil chemical analysis:
All results are reported as dry weight (<40°C).
For samples with Matrix Codes 1 - 6 natural stones, brick and concrete fragments >10mm and any extraneous material (visible glass, metal or twigs) are removed and excluded from the sample prior to analysis and reported results corrected to a whole sample basis. This is reported as '% stones >10mm'.
For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis and this supersedes any “A” subscripts
All analysis is performed on the sample as received for soil samples which are positive for asbestos or the client has informed asbestos may be present and/or if they are from outside the European Union and this supersedes any "D" subscripts.

TPH analysis of water by method A-T-007:
Free and visible oils are excluded from the sample used for analysis so that the reported result represents the dissolved phase only.

Electrical Conductivity of water by Method A-T-037:
Results greater than 12900µS/cm @ 25°C / 11550µS/cm @ 20°C fall outside the calibration range and as such are unaccredited.

Asbestos:
Asbestos in soil analysis is performed on a dried aliquot of the submitted sample and cannot guarantee to identify asbestos if only present in small numbers as discrete fibres/fragments in the original sample.
Stones etc. are not removed from the sample prior to analysis.
Quantification of asbestos is a 3 stage process including visual identification, hand picking and weighing and fibre counting by sedimentation/phase contrast optical microscopy if required. If asbestos is identified as being present but is not in a form that is suitable for analysis by hand picking and weighing (normally if the asbestos is present as free fibres) quantification by sedimentation is performed. Where ACMs are found a percentage asbestos is assigned to each with reference to 'HSG264, Asbestos: The survey guide' and the calculated asbestos content is expressed as a percentage of the dried soil sample aliquot used.

Predominant Matrix Codes:
1 = SAND, 2 = LOAM, 3 = CLAY, 4 = LOAM/SAND, 5 = SAND/CLAY, 6 = CLAY/LOAM, 7 = OTHER, 8 = Asbestos bulk ID sample.
Samples with Matrix Code 7 & 8 are not predominantly a SAND/LOAM/CLAY mix and are not covered by our BSEN 17025 or MCERTS accreditations, with the exception of bulk asbestos which are BSEN 17025 accredited.
Secondary Matrix Codes:
A = contains stones, B = contains construction rubble, C = contains visible hydrocarbons, D = contains glass/metal, E = contains roots/twigs.

Key:
IS indicates Insufficient Sample for analysis.
US indicates Unsuitable Sample for analysis.
NDP indicates No Determination Possible.
NAD indicates No Asbestos Detected.
N/A indicates Not Applicable.
Superscript # indicates method accredited to ISO 17025.
Superscript "M" indicates method accredited to MCERTS.
Subscript "A" indicates analysis performed on the sample as received.
Subscript "D" indicates analysis performed on the dried sample, crushed to pass a 2mm sieve

Please contact us if you need any further information.

envirolab
Units 7 & 8 Sandpits Business Park
Mottram Road, Hyde, Cheshire, SK14 3AR

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 20/10442
Issue Number: 1 **Date:** 14 December, 2020

Client:
GeoDyne (Derby)
9 Brunel Parkway
Pride Park
Derby
Derbyshire
UK
DE24 8HR

Project Manager: Ben Parry/Gavin Hallam
Project Name: Yews Farm, Pinchbeck
Project Ref: D39032
Order No: D39032
Date Samples Received: 03/12/20
Date Instructions Received: 03/12/20
Date Analysis Completed: 14/12/20

Prepared by:

Melanie Marshall
Laboratory Coordinator

Approved by:

Danielle Brierley
Client Manager

Envirolab Job Number: 20/10442

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10442/4	20/10442/5	20/10442/10	20/10442/11				Units	Limit of Detection	Method ref
Client Sample No	D4	D5	D10	D11						
Client Sample ID	HA2	HA3	HA5	HA6						
Depth to Top	0.40	0.00	0.50	0.00						
Depth To Bottom										
Date Sampled	29-Nov-20	29-Nov-20	29-Nov-20	29-Nov-20						
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D						
Sample Matrix Code	2A	2A	5	5AE						
% Stones >10mm$_A$	<0.1	<0.1	<0.1	<0.1				% w/w	0.1	A-T-044
pH$_D$$^{M\#}$	7.89	7.97	7.81	7.19				pH	0.01	A-T-031s
Total Organic Carbon$_D$$^{M\#}$	1.24	1.47	2.04	1.47				% w/w	0.03	A-T-032s
Arsenic$_D$$^{M\#}$	4	3	5	4				mg/kg	1	A-T-024s
Cadmium$_D$$^{M\#}$	0.6	0.6	0.6	0.7				mg/kg	0.5	A-T-024s
Copper$_D$$^{M\#}$	12	9	10	12				mg/kg	1	A-T-024s
Chromium$_D$$^{M\#}$	18	20	18	24				mg/kg	1	A-T-024s
Chromium (hexavalent)$_D$	<1	<1	<1	<1				mg/kg	1	A-T-040s
Chromium (trivalent)	18	20	18	24				mg/kg	1	Calc
Lead$_D$$^{M\#}$	21	20	22	26				mg/kg	1	A-T-024s
Mercury$_D$	<0.17	<0.17	<0.17	<0.17				mg/kg	0.17	A-T-024s
Nickel$_D$$^{M\#}$	14	13	14	17				mg/kg	1	A-T-024s
Selenium$_D$$^{M\#}$	<1	<1	<1	<1				mg/kg	1	A-T-024s
Zinc$_D$$^{M\#}$	41	36	37	47				mg/kg	5	A-T-024s
OCP+OPP Combined Pest Suite (incl. Atrazine and Simazine)										
Dichlobenil$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Tecnazene$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Trifluralin$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
alpha-Hexachlorocyclohexane (HCH)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Hexachlorobenzene (HCB)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Simazine$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Atrazine$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
beta-Hexachlorocyclohexane (HCH)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Quintozene (PCNB)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Chlorothalonil$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
delta-Hexachlorocyclohexane (HCH)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Triallate$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Heptachlor$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Aldrin$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Triadimefon$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Telodrin$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Isodrin$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10442

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10442/4	20/10442/5	20/10442/10	20/10442/11				Units	Limit of Detection	Method ref
Client Sample No	D4	D5	D10	D11						
Client Sample ID	HA2	HA3	HA5	HA6						
Depth to Top	0.40	0.00	0.50	0.00						
Depth To Bottom										
Date Sampled	29-Nov-20	29-Nov-20	29-Nov-20	29-Nov-20						
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D						
Sample Matrix Code	2A	2A	5	5AE						
Pendimethalin$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Heptachlor epoxide$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
trans-Chlordane (Gamma)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
o,p-DDE (2,4)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Endosulphan I (Alpha)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
cis-Chlordane (Alpha)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
p,p-DDE (4,4)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Dieldrin$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
o,p-DDD (2,4)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Endrin$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Endosulphan II (Beta)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
p,p-DDD (4,4)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
o,p-DDT (2,4)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Endrin Aldehyde$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Endrin Ketone$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Endosulphan Sulphate$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
p,p-DDT (4,4)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
o,p-Methoxychlor$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
p,p-Methoxychlor$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Permethrin I (cis)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Permethrin II (trans)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Dichlorvos$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Mevinphos$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Demeton-S$_A$	-	<0.50	-	<0.50				mg/kg	0.5	A-T-056
Demeton-O$_A$	-	<0.50	-	<0.50				mg/kg	0.5	A-T-056
Phorate$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Dimethoate$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Propetamphos$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Diazinon (Dimpylate)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Disulfoton$_A$	-	<0.10	-	<0.10				mg/kg	0.1	A-T-056
Etrimphos$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Chlorpyrifos-methyl$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Parathion (Ethyl Parathion)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Methyl Parathion$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10442

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10442/4	20/10442/5	20/10442/10	20/10442/11				Units	Limit of Detection	Method ref
Client Sample No	D4	D5	D10	D11						
Client Sample ID	HA2	HA3	HA5	HA6						
Depth to Top	0.40	0.00	0.50	0.00						
Depth To Bottom										
Date Sampled	29-Nov-20	29-Nov-20	29-Nov-20	29-Nov-20						
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D						
Sample Matrix Code	2A	2A	5	5AE						
Pirimiphos-methyl$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Fenitrothion$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Fensulphothion$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Fenthion$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Malathion$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Chlorfenvinphos$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Chlorpyrifos$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Trichloronate$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Prothiofos (Tokuthion)$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Ethion$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Triazophos$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Sulprofos$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Carbophenothion$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Phosalone$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Azinphos-methyl$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Azinphos-ethyl$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056
Coumaphos$_A$	-	<0.01	-	<0.01				mg/kg	0.01	A-T-056

Envirolab Job Number: 20/10442

Client Project Name: Yews Farm, Pinchbeck

Client Project Ref: D39032

Lab Sample ID	20/10442/4	20/10442/5	20/10442/10	20/10442/11				Units	Limit of Detection	Method ref
Client Sample No	D4	D5	D10	D11						
Client Sample ID	HA2	HA3	HA5	HA6						
Depth to Top	0.40	0.00	0.50	0.00						
Depth To Bottom										
Date Sampled	29-Nov-20	29-Nov-20	29-Nov-20	29-Nov-20						
Sample Type	Soil - D	Soil - D	Soil - D	Soil - D						
Sample Matrix Code	2A	2A	5	5AE						
PAH-16MS										
Acenaphthene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Acenaphthylene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Anthracene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Benzo(a)anthracene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Benzo(a)pyrene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Benzo(b)fluoranthene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Benzo(ghi)perylene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Benzo(k)fluoranthene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Chrysene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Dibenzo(ah)anthracene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Fluoranthene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Fluorene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Indeno(123-cd)pyrene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Naphthalene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Phenanthrene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Pyrene$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s
Total PAH-16MS$_{A}^{M\#}$	<0.1	<0.1	<0.1	<0.1				mg/kg	0.1	A-T-019s

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The Client Sample No, Client Sample ID, Depth to Top, Depth to Bottom and Date Sampled were all provided by the client.

Soil chemical analysis:
All results are reported as dry weight (<40°C).
For samples with Matrix Codes 1 - 6 natural stones, brick and concrete fragments >10mm and any extraneous material (visible glass, metal or twigs) are removed and excluded from the sample prior to analysis and reported results corrected to a whole sample basis. This is reported as '% stones >10mm'.
For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis and this supersedes any “A” subscripts
All analysis is performed on the sample as received for soil samples which are positive for asbestos or the client has informed asbestos may be present and/or if they are from outside the European Union and this supersedes any "D" subscripts.

TPH analysis of water by method A-T-007:
Free and visible oils are excluded from the sample used for analysis so that the reported result represents the dissolved phase only.

Electrical Conductivity of water by Method A-T-037:
Results greater than 12900µS/cm @ 25°C / 11550µS/cm @ 20°C fall outside the calibration range and as such are unaccredited.

Asbestos:
Asbestos in soil analysis is performed on a dried aliquot of the submitted sample and cannot guarantee to identify asbestos if only present in small numbers as discrete fibres/fragments in the original sample.
Stones etc. are not removed from the sample prior to analysis.
Quantification of asbestos is a 3 stage process including visual identification, hand picking and weighing and fibre counting by sedimentation/phase contrast optical microscopy if required. If asbestos is identified as being present but is not in a form that is suitable for analysis by hand picking and weighing (normally if the asbestos is present as free fibres) quantification by sedimentation is performed. Where ACMs are found a percentage asbestos is assigned to each with reference to 'HSG264, Asbestos: The survey guide' and the calculated asbestos content is expressed as a percentage of the dried soil sample aliquot used.

Predominant Matrix Codes:
1 = SAND, 2 = LOAM, 3 = CLAY, 4 = LOAM/SAND, 5 = SAND/CLAY, 6 = CLAY/LOAM, 7 = OTHER, 8 = Asbestos bulk ID sample.
Samples with Matrix Code 7 & 8 are not predominantly a SAND/LOAM/CLAY mix and are not covered by our BSEN 17025 or MCERTS accreditations, with the exception of bulk asbestos which are BSEN 17025 accredited.
Secondary Matrix Codes:
A = contains stones, B = contains construction rubble, C = contains visible hydrocarbons, D = contains glass/metal, E = contains roots/twigs.

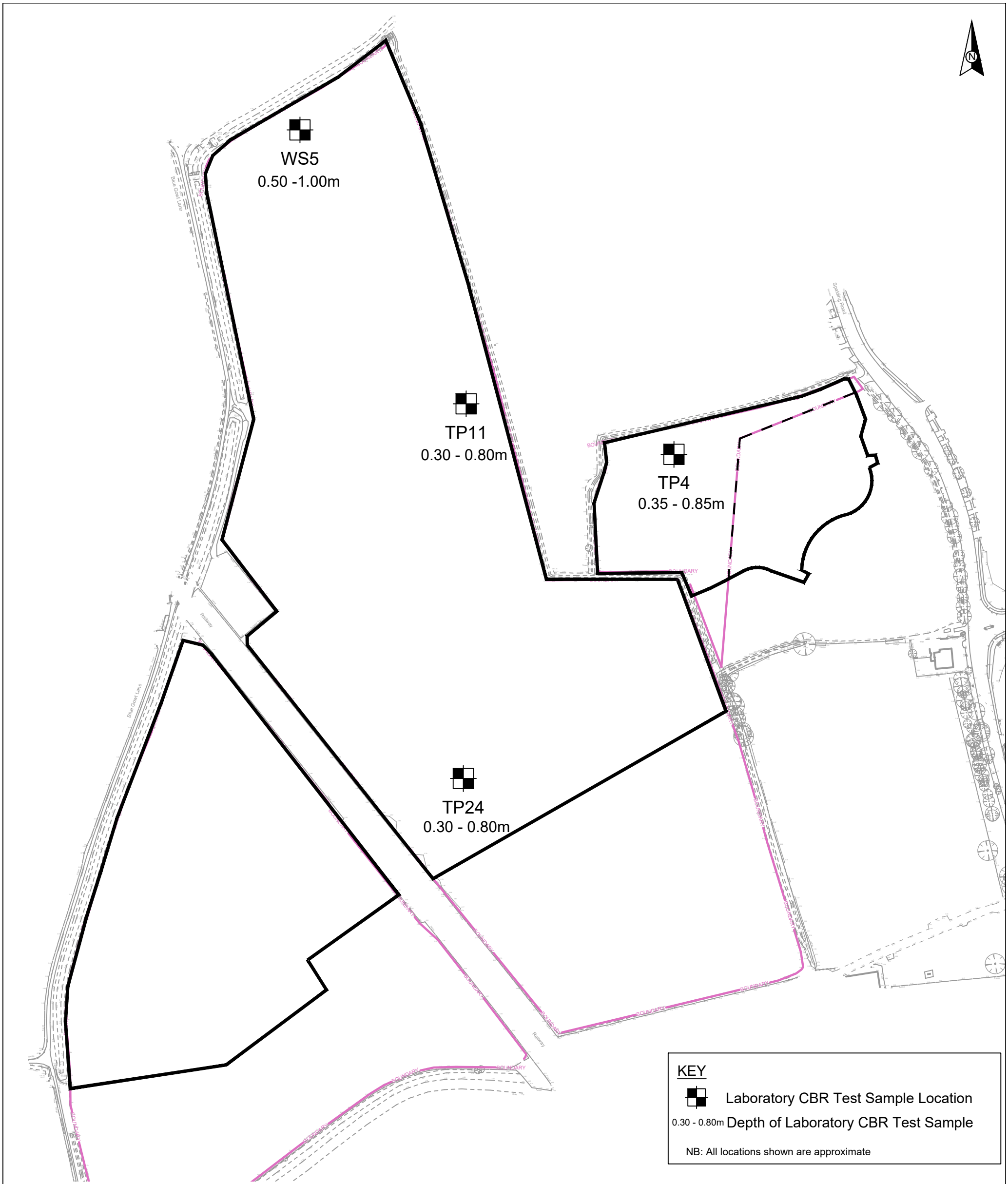
Key:
IS indicates Insufficient Sample for analysis.
US indicates Unsuitable Sample for analysis.
NDP indicates No Determination Possible.
NAD indicates No Asbestos Detected.
N/A indicates Not Applicable.
Superscript # indicates method accredited to ISO 17025.
Superscript "M" indicates method accredited to MCERTS.
Subscript "A" indicates analysis performed on the sample as received.
Subscript "D" indicates analysis performed on the dried sample, crushed to pass a 2mm sieve

Please contact us if you need any further information.

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APPENDIX XII

Laboratory CBR Test Location Plan
(Figure No. D39032/05)



Drawing based on Utility Survey Report by Mantra Drawing No. 1036-100 Dated: 23/07/20. Used, edited and reproduced with permission of the Client.

Project No.	D39032	Drawn By	GH
Client	Ashwood Homes	Checked By	PK
		Approved By	PK
Project	Yews Farm, Pinchbeck	Scale	NTS
		Date Drawn	05/01/2021
Title	Laboratory CBR Test Location Plan	Revision	
		Figure No.	D39032/05

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APPENDIX XIII

Ground Gas & Water Level Monitoring Results

Project No.	D39032
Client	Ashwood Homes
Site Location	Yews Farm, Pinchbeck
Date	30-11-2020
Weather	Overcast and raining
Atmospheric Pressure Trend	Fall of 4mb in the 24hrs prior to monitoring
Equipment	GA2000 & Dipmeter
Operator	BP

MONITORING OF SOIL GASES AND GROUNDWATER - IN ACCORDANCE WITH CIRIA C665 / BS8485:2015											
Borehole No.	Time (00:00)	Ambient Pressure (mb)		Methane (% v/v)	Carbon Dioxide (% v/v)	Oxygen (% v/v)	Time to steady gas readings (secs)	Duration of gas monitoring (secs)	Gas Flow (l/hr)	Depth to groundwater (m begl)	Other Issues i.e. odour, condition of installation, etc
WS1	10:51	1020	Peak	0.0	0.0	20.9	25	120	0.0	1.28	
			Steady	0.0	0.0	20.9			0.0		
WS2	12:26	1118	Peak	0.0	0.0	20.5	45	120	0.0	1.21	
			Steady	0.0	0.0	20.5			0.0		
WS3	12:05	1119	Peak	0.0	2.8	19.7	40	120	0.0	1.14	
			Steady	0.0	2.8	19.7			0.0		
WS4	11:17	1020	Peak	0.0	2.1	16.6	45	240	0.0	1.52	
			Steady	0.0	2.1	16.6			0.0		
WS5	11:33	1020	Peak	0.0	0.6	19.9	50	120	0.0	1.54	
			Steady	0.0	0.6	19.9			0.0		
Ambient				0.0	0.0	21.2					

Notes

Cell is highlighted in the following conditions

1. Where Methane exceeds 1% v/v (after BR212)
2. Where Carbon Dioxide exceeds 5% v/v (after BR212)
3. Where Oxygen is below 16% (Coal Authority guidance)

Where cell is highlighted further consideration of the recorded value is required in accordance with the specified guidance documents

NA - Not Applicable/ Not Available

BOH - Bottom of Hole

ND - Not Determined

NGW - No groundwater encountered

NR - None Recorded

Project No.	D39032
Client	Ashwood Homes
Site Location	Yews Farm, Pinchbeck
Date	07-12-2020
Weather	Overcast and raining
Atmospheric Pressure Trend	Fall of 3mb in the 24hrs prior to monitoring
Equipment	GA2000 & Dipmeter
Operator	GH

MONITORING OF SOIL GASES AND GROUNDWATER - IN ACCORDANCE WITH CIRIA C665 / BS8485:2015											
Borehole No.	Time (00:00)	Ambient Pressure (mb)		Methane (% v/v)	Carbon Dioxide (% v/v)	Oxygen (% v/v)	Time to steady gas readings (secs)	Duration of gas monitoring (secs)	Gas Flow (l/hr)	Depth to groundwater (m begl)	Other Issues i.e. odour, condition of installation, etc
WS1	09:13	995	Peak	0.0	0.0	20.9	5	120	0.0	1.15	
			Steady	0.0	0.0	20.9			0.0		
WS2	09:31	995	Peak	0.0	0.0	20.5	5	120	0.0	1.11	
			Steady	0.0	0.0	20.5			0.0		
WS3	09:44	995	Peak	0.0	2.0	19.7	40	120	0.0	1.08	
			Steady	0.0	2.0	19.7			0.0		
WS4	10:02	995	Peak	0.0	1.9	15.6	20	120	0.0	1.32	
			Steady	0.0	1.9	15.6			0.0		
WS5	10:19	995	Peak	0.0	0.5	19.9	10	120	0.0	1.39	
			Steady	0.0	0.5	19.9			0.0		
Ambient				0.0	0.0	21.0					

Notes

Cell is highlighted in the following conditions

1. Where Methane exceeds 1% v/v (after BR212)
2. Where Carbon Dioxide exceeds 5% v/v (after BR212)
3. Where Oxygen is below 16% (Coal Authority guidance)

Where cell is highlighted further consideration of the recorded value is required in accordance with the specified guidance documents

NA - Not Applicable/ Not Available

BOH - Bottom of Hole

ND - Not Determined

NGW - No groundwater encountered

NR - None Recorded

Project No.	D39032
Client	Ashwood Homes
Site Location	Yews Farm, Pinchbeck
Date	14-12-2020
Weather	Overcast
Atmospheric Pressure Trend	Fall of 4mb in the 24hrs prior to monitoring
Equipment	GA2000 & Dipmeter
Operator	PK

MONITORING OF SOIL GASES AND GROUNDWATER - IN ACCORDANCE WITH CIRIA C665 / BS8485:2015											
Borehole No.	Time (00:00)	Ambient Pressure (mb)		Methane (% v/v)	Carbon Dioxide (% v/v)	Oxygen (% v/v)	Time to steady gas readings (secs)	Duration of gas monitoring (secs)	Gas Flow (l/hr)	Depth to groundwater (m begl)	Other Issues i.e. odour, condition of installation, etc
WS1	13:11	995	Peak	0.0	0.0	21.5	10	120	0.0	1.08	
			Steady	0.0	0.0	21.5			0.0		
WS2	13:33	995	Peak	0.0	0.0	21.2	15	120	0.0	0.52	
			Steady	0.0	0.0	21.2			0.0		
WS3	13:56	995	Peak	0.0	0.2	21.3	20	120	0.0	0.75	
			Steady	0.0	0.1	21.3			0.0		
WS4	14:13	995	Peak	0.0	1.5	17.5	45	120	0.0	1.30	
			Steady	0.0	1.5	17.5			0.0		
WS5	14:27	995	Peak	0.0	0.5	20.5	25	120	0.0	1.10	
			Steady	0.0	0.3	20.6			0.0		
Ambient				0.0	0.0	21.6					

Notes

Cell is highlighted in the following conditions

1. Where Methane exceeds 1% v/v (after BR212)
2. Where Carbon Dioxide exceeds 5% v/v (after BR212)
3. Where Oxygen is below 16% (Coal Authority guidance)

Where cell is highlighted further consideration of the recorded value is required in accordance with the specified guidance documents

NA - Not Applicable/ Not Available

BOH - Bottom of Hole

ND - Not Determined

NGW - No groundwater encountered

NR - None Recorded

Project No.	D39032
Client	Ashwood Homes
Site Location	Yews Farm, Pinchbeck
Date	22-12-2020
Weather	Overcast and raining
Atmospheric Pressure Trend	Rise of 11mb in the 24hrs prior to monitoring
Equipment	GA2000 & Dipmeter
Operator	GH

MONITORING OF SOIL GASES AND GROUNDWATER - IN ACCORDANCE WITH CIRIA C665 / BS8485:2015											
Borehole No.	Time (00:00)	Ambient Pressure (mb)		Methane (% v/v)	Carbon Dioxide (% v/v)	Oxygen (% v/v)	Time to steady gas readings (secs)	Duration of gas monitoring (secs)	Gas Flow (l/hr)	Depth to groundwater (m begl)	Other Issues i.e. odour, condition of installation, etc
WS1	09:27	1008	Peak	0.0	0.0	20.9	5	120	0.0	1.11	
			Steady	0.0	0.0	20.9			0.0		
WS2	09:44	1008	Peak	0.0	0.0	20.5	5	120	0.0	0.63	
			Steady	0.0	0.0	20.5			0.0		
WS3	10:00	1008	Peak	0.0	1.0	19.7	10	120	0.0	0.80	
			Steady	0.0	1.0	19.7			0.0		
WS4	10:16	1008	Peak	0.0	1.9	16.6	20	240	0.0	1.33	
			Steady	0.0	1.9	16.6			0.0		
WS5	10:31	1008	Peak	0.0	1.3	19.9	20	120	0.0	1.27	
			Steady	0.0	1.3	19.9			0.0		
Ambient				0.0	0.0	21.6					

Notes

Cell is highlighted in the following conditions

1. Where Methane exceeds 1% v/v (after BR212)
2. Where Carbon Dioxide exceeds 5% v/v (after BR212)
3. Where Oxygen is below 16% (Coal Authority guidance)

Where cell is highlighted further consideration of the recorded value is required in accordance with the specified guidance documents

NA - Not Applicable/ Not Available

BOH - Bottom of Hole

ND - Not Determined

NGW - No groundwater encountered

NR - None Recorded

Project No.	D39032
Client	Ashwood Homes
Site Location	Yews Farm, Pinchbeck
Date	05-01-2021
Weather	Cloudy with wintry showers
Atmospheric Pressure Trend	Fall of 1mb in the 24hrs prior to monitoring
Equipment	GA2000 & Dipmeter
Operator	BP

MONITORING OF SOIL GASES AND GROUNDWATER - IN ACCORDANCE WITH CIRIA C665 / BS8485:2015											
Borehole No.	Time (00:00)	Ambient Pressure (mb)		Methane (% v/v)	Carbon Dioxide (% v/v)	Oxygen (% v/v)	Time to steady gas readings (secs)	Duration of gas monitoring (secs)	Gas Flow (l/hr)	Depth to groundwater (m begl)	Other Issues i.e. odour, condition of installation, etc
WS1	12:15	1018	Peak	0.0	0.1	21.6	15	120	0.0	0.68	
			Steady	0.0	0.0	21.6			0.0		
WS2	13:24	1018	Peak	0.0	0.0	21.2	25	120	0.0	0.62	
			Steady	0.0	0.0	21.2			0.0		
WS3	13:12	1018	Peak	0.0	0.6	21.7	80	120	0.0	0.80	
			Steady	0.0	0.0	21.9			0.0		
WS4	12:58	1018	Peak	0.0	1.4	18.7	45	120	0.0	1.23	
			Steady	0.0	1.2	18.7			0.0		
WS5	12:48	1018	Peak	0.0	0.2	21.0	25	120	0.0	1.14	
			Steady	0.0	0.1	22.0			0.0		
Ambient				0.0	0.0	22.0					

Notes

Cell is highlighted in the following conditions

1. Where Methane exceeds 1% v/v (after BR212)
2. Where Carbon Dioxide exceeds 5% v/v (after BR212)
3. Where Oxygen is below 16% (Coal Authority guidance)

Where cell is highlighted further consideration of the recorded value is required in accordance with the specified guidance documents

NA - Not Applicable/ Not Available

BOH - Bottom of Hole

ND - Not Determined

NGW - No groundwater encountered

NR - None Recorded

Project No.	D39032
Client	Ashwood Homes
Site Location	Yews Farm, Pinchbeck
Date	12-01-2021
Weather	Sunny with clear skies
Atmospheric Pressure Trend	Fall of 2mb in the 24hrs prior to monitoring
Equipment	GA2000 & Dipmeter
Operator	BP

MONITORING OF SOIL GASES AND GROUNDWATER - IN ACCORDANCE WITH CIRIA C665 / BS8485:2015											
Borehole No.	Time (00:00)	Ambient Pressure (mb)		Methane (% v/v)	Carbon Dioxide (% v/v)	Oxygen (% v/v)	Time to steady gas readings (secs)	Duration of gas monitoring (secs)	Gas Flow (l/hr)	Depth to groundwater (m begl)	Other Issues i.e. odour, condition of installation, etc
WS1	11:16	1010	Peak	0.0	0.1	21.3	30	120	0.0	0.77	
			Steady	0.0	0.0	21.3			0.0		
WS2	12:12	1010	Peak	0.0	0.0	21.4	25	120	0.0	0.67	
			Steady	0.0	0.0	21.4			0.0		
WS3	12:03	1010	Peak	0.0	0.0	21.2	15	120	0.0	0.82	
			Steady	0.0	0.0	21.2			0.0		
WS4	11:50	1010	Peak	0.0	0.3	20.4	50	120	0.0	1.26	
			Steady	0.0	0.2	20.6			0.0		
WS5	11:39	1010	Peak	0.0	0.5	21.3	10	120	0.0	1.20	
			Steady	0.0	0.0	21.4			0.0		
Ambient				0.0	0.0	21.6					

Notes

Cell is highlighted in the following conditions

1. Where Methane exceeds 1% v/v (after BR212)
2. Where Carbon Dioxide exceeds 5% v/v (after BR212)
3. Where Oxygen is below 16% (Coal Authority guidance)

Where cell is highlighted further consideration of the recorded value is required in accordance with the specified guidance documents

NA - Not Applicable/ Not Available

BOH - Bottom of Hole

ND - Not Determined

NGW - No groundwater encountered

NR - None Recorded

APPENDIX XIV
Conditions & Limitations

Conditions & Limitations

Phase I Desk Studies

1. Works undertaken to provide the basis of the Phase I Desk Study report comprise a review of information available from a number of sources/parties (potentially also including the Client) together with a walk over of the site (where applicable and included within the quotation). The opinions given in the Phase I Desk Study are based on the information available from third parties/sources that has been obtained within the available timeframe. GeoDyne Limited assumes all third party information to be true and correct and therefore cannot accept liability for the accuracy of such information supplied.

2. Should additional information become available that may affect the comments and opinions made within the Phase I Desk Study, GeoDyne Limited reserves the right to review such information and make modifications to comments/opinions as appropriate.

3. It should be borne in mind that a Phase I Desk Study collates available information to generate a conceptual model of the site. The actual geotechnical and environmental considerations can only be fully quantified by intrusive investigation works to confirm the accuracy of the conceptual site model.

Phase II Intrusive Investigations

1. Our quotation assumes that access to the site will be arranged by others at no cost to ourselves.

2. We have assumed that free access is available throughout to the entire site and that works can be undertaken during a single mobilisation. Where restricted access is encountered, or where additional unscheduled mobilisations are required, additional costs may be incurred to the client.

3. We have assumed that all available information relating to buried services will be supplied by the Client at no cost to ourselves. No responsibility will be accepted for damage to underground services that have not been brought to our prior attention by the Client.

4. All excavations/boreholes will be backfilled with compacted arisings upon completion, with any excess arisings left proud of ground levels. Excess arisings will not be removed from the site unless specifically requested by the Client. Where we are requested to remove excess arisings, all associated costs will be passed to the Client.

5. We will attempt to leave the site in a clean and tidy state, however, it must be understood that some disturbance of the site is unavoidable during intrusive works.

6. Exploratory holes are positioned approximately on site by GeoDyne Limited. Should the client require precise locations of all exploratory points, additional fees will be incurred. It must be borne in mind that backfilled trial pits can create ‘soft spots’, therefore, should the Client wish to designate ‘no dig’ zones, for example under the footprint of proposed structures, these must be brought to our attention prior to commencement of works.

7. Groundwater observations relate to conditions encountered at the time of investigation. It must be understood that groundwater levels may vary as a result of recent climatic conditions or seasonal variation.

8. Trial pits and boreholes examine only a small proportion of the total site area. No liability can be accepted for conditions not revealed in exploratory holes, particularly between positions. All extrapolations of available data are given in good faith.

Payment

1 Payment terms are strictly 28 days from the invoice date.

2 Prior to commencement of works, we require receipt of formal written instruction from the party accepting full financial responsibility for the work. In the absence of such an instruction, we would expect the instructing Consulting Engineers/Architects to accept full financial responsibility for the works.

3 Receipt of instruction to commence work shall be taken as acceptance and compliance of the foregoing conditions.

Liability

1. GeoDyne Limited offer £5,000,000.00 Professional Indemnity Insurance (in aggregate over the year). This shall be the limit of our liability for works undertaken. No individual liability shall be implied to, or accepted by, any employee for works undertaken for and on the behalf of GeoDyne Limited.