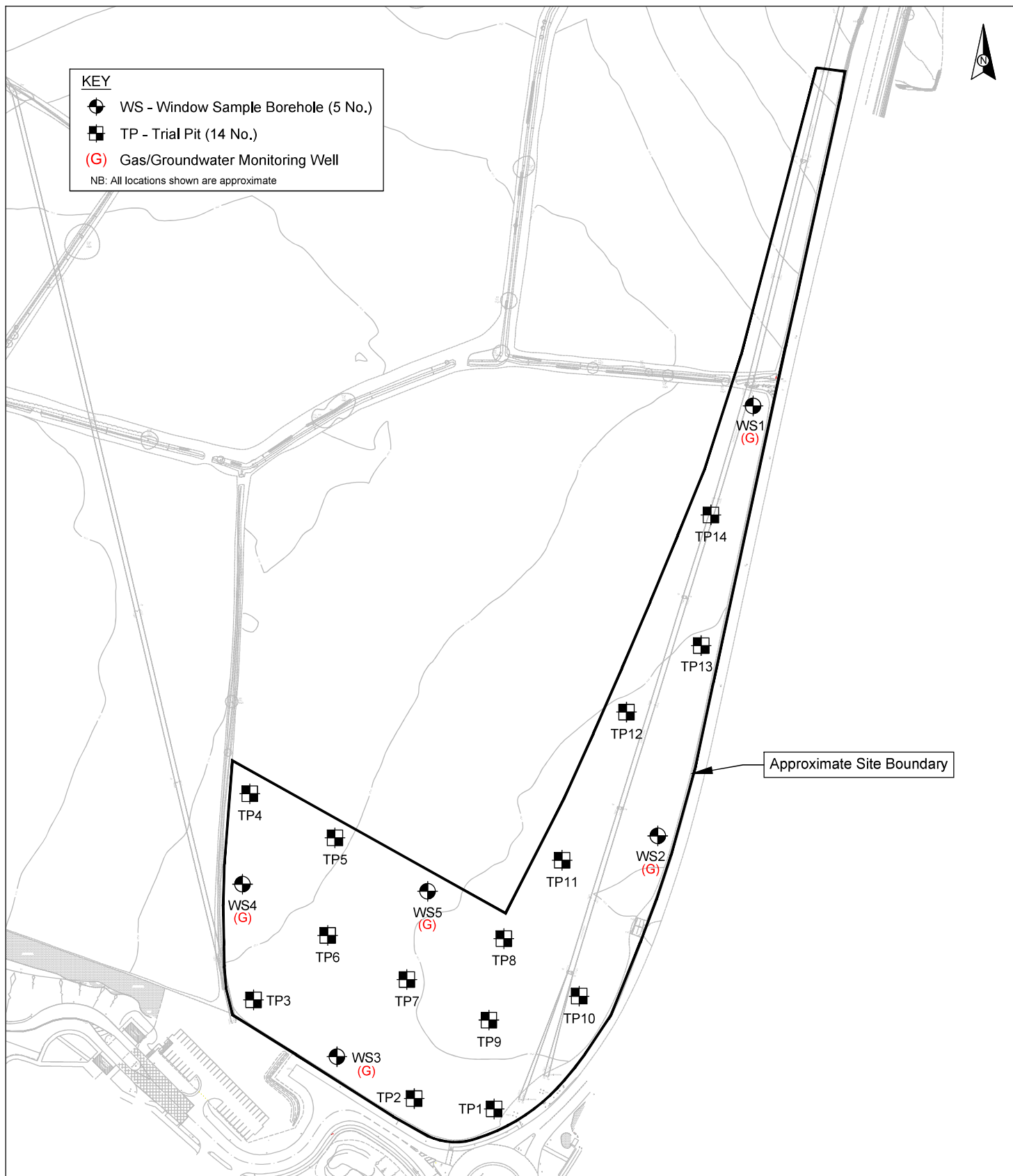




Drawing based on Topographical Survey by Greenhatch Group Drawing No.19969 OGL Rev A Dated: March 2014. Used, edited and reproduced with permission of the Client.

Project No.	D42153	Drawn By	SJ	 Nottingham 0115 962 0001 Derby 01332 290 798 info@geodyne.co.uk www.geodyne.co.uk
Client	Bloor Homes East Midlands	Checked By	SS	
		Approved By	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	29/11/2022	
Title	Exploratory Hole Location Plan	Revision		D42153/04
		Figure No.		

APPENDIX VIII

Eploratory Hole Logs (TP1 to TP14 & WS1 to WS5)



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TP1

Project No: D42153

Sheet 1 of 1

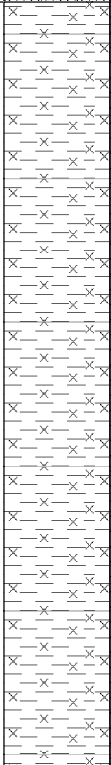
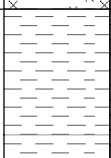
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Grey very clayey TOPSOIL (TOPSOIL)		0.10	J1	J			
Stiff grey-brown CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30					
		0.50	J2	J			
		0.70	B1	B	In-Situ SV	77	
		0.75				79	
						81	
...silty between 1.55m and 2.20m		1.80			Ex-Situ SV	83	
						84	
						88	
...with large pockets of firm brown clayey silt below 2.70m		2.65			Ex-Situ SV	87	
						91	
						92	
End of Trial Pit at 3.25m		3.25					

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample = Water Strike (m) = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
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Date: 16/11/2022	Approved: PK		Scale: 1:25	

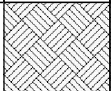
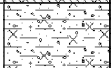
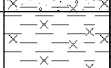
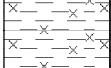
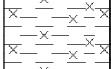
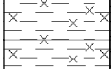
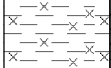
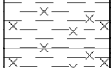
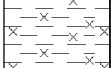
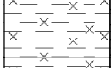
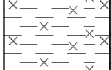
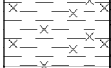
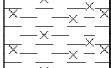
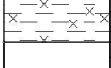
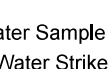
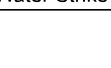
Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.20	J3	J			
Stiff brown silty CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)		0.25					
		0.45	J4	J			
...locally slightly sandy between 0.60m and 0.75m		0.75			In-Situ SV	79 80 84	
		1.00	B2	B			
		1.70			Ex-Situ SV	77 88 90	
...becoming mottled light grey and with small pockets of firm brown silt below 2.30m		2.80					
Very stiff grey CLAY (MERCIA MUDSTONE GROUP)		3.00			Ex-Situ SV	140+ 140+ 140+	
End of Trial Pit at 3.30m		3.30					

Remarks:

- Sides generally stable.
- No water encountered.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP2
Date: 16/11/2022	Approved: PK		Scale: 1:25	

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.05	J5	J			
Firm grey-brown silty sandy slightly gravelly CLAY. Gravel is fine to coarse and predominantly rounded (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30					
Stiff grey-brown slightly silty CLAY with pockets of medium dense brown fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.55					
		0.80			In-Situ SV	89 93 95	
...sand pockets becoming smaller and less prevalent with increasing depth		1.00	J6	J			
		1.30	B3	B			
							
							
							
							
							
							
							
							
							
							
							
							
...becoming very stiff and dark grey below 2.70m		2.80			Ex-Situ SV	99 102 106	
							
							
							
							
							
							
End of Trial Pit at 3.10m		3.10					

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project:

Hinckley Phase 4

Client:

Bloor Homes East Midlands

Logged:

SS

Checked:

SS

Field Book Ref:

SS/18

Plant:

JCB 130 LC+

Drawing No.

TP3

Date:

16/11/2022

Approved:

PK

Scale:

1:25



Project No: D42153

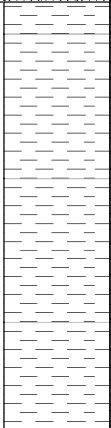
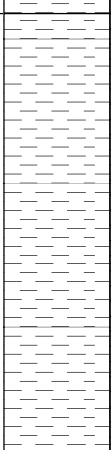
Sheet 1 of 1

Remarks:

1. Sides generally stable.
2. Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
 J = Jar Sample V = Vial Sample ▽ = Water Strike (m) ▼ = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP4
Date: 16/11/2022	Approved: PK		Scale: 1:25	

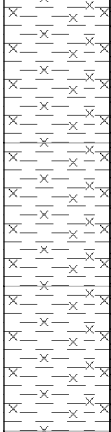
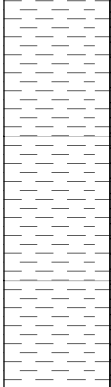
Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.10	J9	J			
Stiff grey-brown CLAY with small pockets of brown fine to medium grained sand and rare fine to coarse rounded gravel (UNDIFFERENTIATED DRIFT DEPOSITS)		0.25					
		0.90			In-Situ SV	96 98 100	
Very stiff grey locally grey-brown CLAY (MERCIA MUDSTONE GROUP)		1.70 1.75 1.90 2.00	B5 J10	B J	Ex-Situ SV	140+ 140+ 140+	
...with occasional mudstone lithorelicts below 2.75m							
End of Trial Pit at 3.20m		3.10 3.20			Ex-Situ SV	140+ 140+ 140+	

Remarks:

- Sides generally stable.
- Steady water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP5
Date: 16/11/2022	Approved: PK		Scale: 1:25	

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.20	J11	J			
Stiff grey-brown silty CLAY with occasional large pockets of medium dense fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.35 0.40 0.70	J12	J	In-Situ SV	78 81 84	
...sand pockets becoming smaller with increasing depth							
Very stiff grey CLAY (MERCIA MUDSTONE GROUP)		1.55 1.80 2.20 2.60	B6	B	Ex-Situ SV	110 114 125 140+ 140+ 140+	
...becoming locally purple-grey and with occasional mudstone lithorelicts below 2.40m							
End of Trial Pit at 3.10m		3.10					

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP6
Date: 16/11/2022	Approved: PK		Scale: 1:25	



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TP7

Project No: D42153

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.25 0.30	J13	J			
Stiff grey-brown silty sandy CLAY with rare fine to medium rounded gravel (UNDIFFERENTIATED DRIFT DEPOSITS)		0.55 0.60	J14	J			
Stiff grey silty CLAY with small pockets of brown fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.75			In-Situ SV	89 97 103	
Stiff grey-brown very silty CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)		1.20 1.40			In-Situ SV	103 105 112	
...becoming less silty below 2.00m		2.50 2.60	B7	B			
Very stiff grey locally brown and purple-grey CLAY with occasional mudstone lithorelicts (MERCIA MUDSTONE GROUP)		2.90			In-Situ SV	140+ 140+ 140+	
End of Trial Pit at 3.15m		3.15					

Remarks:

- Sides generally stable.
- No water encountered.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample = Water Strike (m) = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP7
Date: 16/11/2022	Approved: PK		Scale: 1:25	



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TP8

Project No: D42153

Sheet 1 of 1

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.15	J15	J			
Stiff grey-brown silty locally slightly sandy CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30					
		0.45	J16	J			
...becoming more silty below 1.20m		0.90			In-Situ SV	75 81 89	
...with pockets of very soft to soft wet clayey silt between 1.70m and 2.60m		1.65			Ex-Situ SV	90 96 98	
		2.85	B8	B			
Very stiff grey-brown CLAY with occasional mudstone lithorelicts (MERCIA MUDSTONE GROUP)		3.00					
		3.20			Ex-Situ SV	140+	
End of Trial Pit at 3.30m		3.30				140+	

Remarks:

- Collapsing of trial pit walls from silt pockets between 1.70m and 2.60m.
- No water encountered.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample = Water Strike (m) = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
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Date: 16/11/2022	Approved: PK		Scale: 1:25	

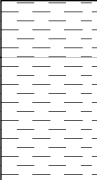


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TP9

Project No: D42153

Sheet 1 of 1

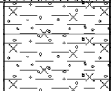
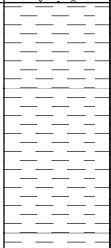
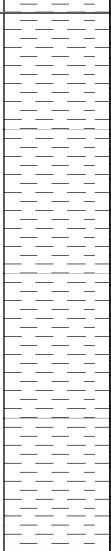
Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.10	J17	J	In-Situ SV	80 81 88	
Firm grey-brown silty sandy slightly gravelly CLAY. Gravel is fine to coarse and predominantly rounded (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30	J18	J			
Stiff grey CLAY with large pockets of medium dense brown slightly silty fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.45					
		0.60					
		0.70	B9	B			
0.85							
1.50							
Stiff grey silty CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)		1.70			Ex-Situ SV	103 108 112	
Very stiff grey CLAY with some mudstone lithorelicts (MERCIA MUDSTONE GROUP)		2.55					
		2.70					
End of Trial Pit at 3.15m		3.15					
							

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample = Water Strike (m) = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
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Date: 17/11/2022	Approved: PK		Scale: 1:25	

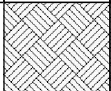
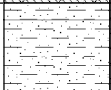
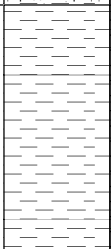
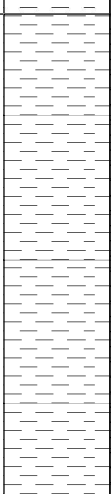
Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.05	J19	J			
Stiff grey-brown silty slightly gravelly CLAY. Gravel is fine to medium and rounded (UNDIFFERENTIATED DRIFT DEPOSITS)		0.25 0.40	J20	J			
Stiff grey CLAY with large pockets of medium dense brown slightly silty fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.55 0.75			In-Situ SV	102 110 114	
Stiff grey CLAY (MERCIA MUDSTONE GROUP)		1.15 1.40 1.75	B10	B			
...becoming very stiff and with occasional mudstone lithorelicts below 2.20m		2.75			Ex-Situ SV	109 112 117	
End of Trial Pit at 3.20m		3.20			Ex-Situ SV	140+ 140+ 140+	

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP10
Date: 17/11/2022	Approved: PK		Scale: 1:25	

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.15	J21	J			
Stiff grey-brown slightly sandy CLAY with rare coarse rounded gravel (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30					
Stiff grey CLAY with large pockets of medium dense brown slightly silty fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.60	J22	J			
		0.80			In-Situ SV	79 89 100	
Very stiff grey CLAY (MERCIA MUDSTONE GROUP)		1.45	B11	B			
		1.80			In-Situ SV	140+ 140+ 140+	
...becoming locally purple-grey and with some mudstone lithorelicts below 2.30m		2.80			In-Situ SV	140+ 140+ 140+	
End of Trial Pit at 3.10m		3.10					

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands		
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP11	
Date: 17/11/2022	Approved: PK		Scale: 1:25		



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TP12

Project No: D42153

Sheet 1 of 1

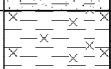
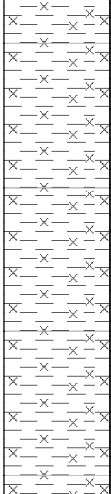
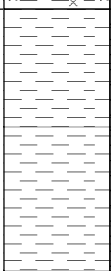
Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.20 0.30	J23	J			
Stiff grey-brown silty slightly gravelly CLAY. Gravel is fine to medium and rounded (UNDIFFERENTIATED DRIFT DEPOSITS)		0.60					
Stiff grey CLAY with large pockets of medium dense brown slightly silty fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.85			In-Situ SV	77 78 79	
		1.50 1.65	J24	J	Ex-Situ SV	98 112 119	
Very stiff grey CLAY (MERCIA MUDSTONE GROUP)		2.05	B13	B			
		2.50			Ex-Situ SV	140+ 140+ 140+	
End of Trial Pit at 3.30m		3.30					

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample = Water Strike (m) = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP12
Date: 17/11/2022	Approved: PK		Scale: 1:25	

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.10	J25	J			
Firm grey-brown slightly sandy CLAY with rare fine to medium rounded gravel (UNDIFFERENTIATED DRIFT DEPOSITS)		0.25					
Stiff grey slightly silty CLAY with occasional small pockets of brown fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.50	J26	J			
...sand pockets becoming less prevalent with increasing depth		0.90			In-Situ SV	90 93 96	
		1.90			Ex-Situ SV	102	
		2.05	B13	B	SV	105 109	
		2.35					
Very stiff grey locally grey-brown CLAY with occasional mudstone lithorelicts (MERCIA MUDSTONE GROUP)		2.90			Ex-Situ SV	140+ 140+ 140+	
End of Trial Pit at 3.25m		3.25					

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP13
Date: 17/11/2022	Approved: PK		Scale: 1:25	



9 Brunel Parkway, Pride Park, Derby DE24 8HR
Tel: 01332 290798
email: info@geodyne.co.uk

TP14

Project No: D42153

Sheet 1 of 1

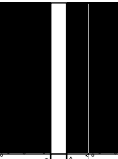
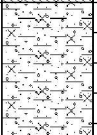
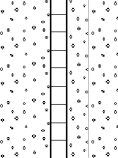
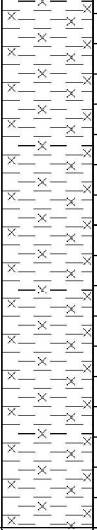
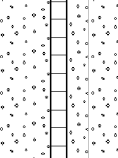
Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.15	J27	J			
Stiff grey-brown locally slightly sandy CLAY with rare fine to coarse predominantly rounded gravel (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30					
Stiff grey locally grey-brown silty CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)		0.60					
...with occasional small pockets of brown fine to coarse grained sand between 0.95m and 1.35m		0.95			In-Situ SV	90 91 99	
		1.40			In-Situ SV	99 102 104	
		2.35	B14	B			
		2.45	J28	J	In-Situ SV	140+	
		2.50				140+	
		2.55				140+	
Very stiff grey locally grey-brown CLAY with occasional mudstone lithorelicts (MERCIA MUDSTONE GROUP)							
End of Trial Pit at 3.40m		3.40					

Remarks:

- Sides generally stable.
- Steady water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample = Water Strike (m) = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP14
Date: 17/11/2022	Approved: PK		Scale: 1:25	

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.15	J	J29		Grey very clayey TOPSOIL (TOPSOIL)		(0.30)			
0.60	J	J30		Firm to stiff grey-brown silty slightly sandy slightly gravelly CLAY. Gravel is fine to coarse and rounded (UNDIFFERENTIATED DRIFT DEPOSITS) ...sand and gravel absent below 0.65m		0.30			
1.00 - 1.45	C		7			(1.95)			
2.00 - 2.45	C		8	...with a pocket of fine to coarse grained sand at 1.60m					
3.00 - 3.45	C		9	Stiff grey silty CLAY (UNDIFFERENTIATED DRIFT DEPOSITS) ...with a small pocket of wet silty fine to medium grained sand at 3.40m		2.25 (1.75)			
4.00 - 4.45	C		11	End of Borehole at 4.00m		4.00	4.00		

Remarks

1.Borehole cased to 4.00m.
2.No water encountered.
3.Plain pipe installed from ground level to 0.50m in a bentonite surround. Slotted pipe installed from 0.50m to 4.00m in a gravel surround.
4.Bung, valve and lockable cover installed.
5.In-situ shear vane value of 77kN/m² obtained at 1.00m.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
 = Water Strike (m)
 = Steady Water Level (m)

Project: Hinckley Phase 4

Client: Bloor Homes East Midlands

Logged: SS

Checked: SS

Field Book Ref: SS/18

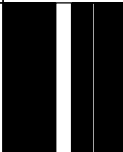
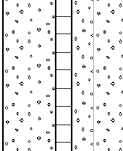
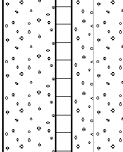
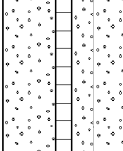
Plant: Competitor Rig

Drawing Ref: WS1

Date: 18/11/2022

Approved: PK

Scale: 1:25

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.20	J	J31		Grey very clayey TOPSOIL (TOPSOIL)		(0.30)			
0.45	J	J32		Stiff grey-brown CLAY with rare fine to medium rounded gravel (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30			
				...gravel absent below 0.70m					
				...medium dense brown fine to coarse grained sand pocket between 0.90m and 1.30m					
				...silty below 2.00m		(2.10)			
				Very stiff grey CLAY with occasional mudstone lithorelicts (MERCIA MUDSTONE GROUP)		2.40			
				...becoming locally grey-brown with increasing depth		(1.60)			
				End of Borehole at 4.00m		4.00			

Remarks

1.Borehole cased to 2.00m as a precautionary measure.
2.No water encountered.
3.Plain pipe installed from ground level to 0.50m in a bentonite surround. Slotted pipe installed from 0.50m to 4.00m in a gravel surround.
4.Bung, valve and lockable cover installed.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample

S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
 = Water Strike (m)
 = Steady Water Level (m)

Project: Hinckley Phase 4

Client: Bloor Homes East Midlands

Logged: SS

Checked: SS

Field Book Ref: SS/18

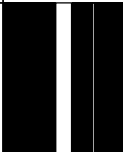
Plant: Competitor Rig

Drawing Ref: WS2

Date: 18/11/2022

Approved: PK

Scale: 1:25

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.10	J	J33		Grey very clayey TOPSOIL (TOPSOIL)		(0.30)			
0.50	J	J34		Stiff grey-brown silty slightly sandy CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30			
				...sand absent below 0.80m					
						(2.50)			
				Very stiff grey CLAY (MERCIA MUDSTONE GROUP)		2.80	2.00		
				...with occasional mudstone lithorelicts below 3.40m		(1.20)			
				End of Borehole at 4.00m		4.00			

Remarks

1.Borehole cased to 2.00m as a precautionary measure.
2.No water encountered.
3.Plain pipe installed from ground level to 0.50m in a bentonite surround. Slotted pipe installed from 0.50m to 4.00m in a gravel surround.
4.Bung, valve and lockable cover installed.
5.In-situ shear vane value of 80kN/m² obtained at 1.00m.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample

S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
 = Water Strike (m)
 = Steady Water Level (m)

Project: Hinckley Phase 4

Client: Bloor Homes East Midlands

Logged: SS

Checked: SS

Field Book Ref: SS/18

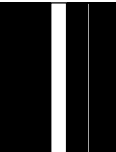
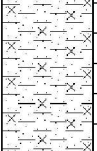
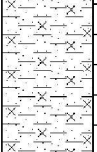
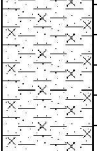
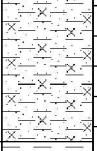
Plant: Competitor Rig

Drawing Ref: WS3

Date: 18/11/2022

Approved: PK

Scale: 1:25

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.20	J	J35		Grey very clayey TOPSOIL (TOPSOIL)		0.25			
0.55	J	J36		Stiff grey-brown silty locally slightly sandy CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)					
				...becoming less sandy with increasing depth		(2.20)			
				...very silty between 2.30m and 2.35m		2.45			
				Very stiff grey locally grey-brown CLAY with occasional mudstone lithorelicts (MERCIA MUDSTONE GROUP)		(1.55)			
				...lithorelicts becoming more prevalent with increasing depth		4.00			
				End of Borehole at 4.00m					

Remarks

1.Borehole cased to 2.00m as a precautionary measure.
2.No water encountered.
3.Plain pipe installed from ground level to 0.50m in a bentonite surround. Slotted pipe installed from 0.50m to 4.00m in a gravel surround.
4.Bung, valve and lockable cover installed.
5.In-situ shear vane value of 93kN/m² obtained at 1.00m.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
 = Water Strike (m)
 = Steady Water Level (m)

Project: Hinckley Phase 4

Client: Bloor Homes East Midlands

Logged: SS

Checked: SS

Field Book Ref: SS/18

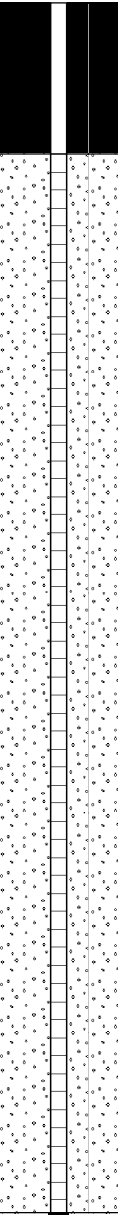
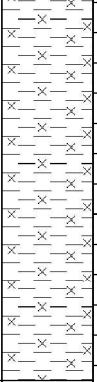
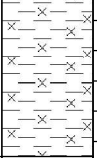
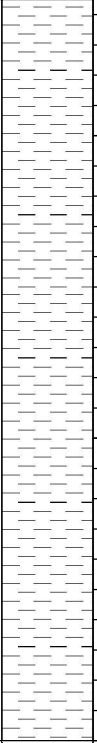
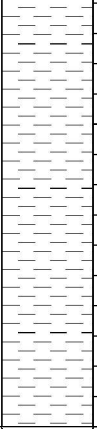
Plant: Competitor Rig

Drawing Ref: WS4

Date: 18/11/2022

Approved: PK

Scale: 1:25

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.05	J	J37		Grey very clayey TOPSOIL (TOPSOIL)		0.25			
0.45	J	J38		Stiff grey-brown silty CLAY with rare fine to medium rounded gravel (UNDIFFERENTIATED DRIFT DEPOSITS)		(1.30)			
				...with small pockets of brown fine to coarse grained sand between 1.00m and 1.50m		1.55			
				Stiff grey CLAY (MERCIA MUDSTONE GROUP)		(2.45)	2.00		
				...becoming very stiff and with occasional mudstone lithorelicts below 2.60m		4.00			
				End of Borehole at 4.00m					

Remarks

1.Borehole cased to 2.00m as a precautionary measure.
2.No water encountered.
3.Plain pipe installed from ground level to 0.50m in a bentonite surround. Slotted pipe installed from 0.50m to 4.00m in a gravel surround.
4.Bung, valve and lockable cover installed.
5.In-situ shear vane value of 79kN/m² obtained at 1.00m.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
 = Water Strike (m)
 = Steady Water Level (m)

Project: Hinckley Phase 4

Client: Bloor Homes East Midlands

Logged: SS

Checked: SS

Field Book Ref: SS/18

Plant: Competitor Rig

Drawing Ref: WS5

Date: 18/11/2022

Approved: PK

Scale: 1:25

APPENDIX IX

Plates



Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP1 - completed excavation	Plate No.	1	



Project No.	D42153	Drawn	SJ
Client	Bloor Homes East Midlands	Checked	SS
		Approved	PK
Project	Hinckley Phase 4	Scale	NTS
		Date Drawn	30/11/2022
		Rev.	
Title	TP2 - completed excavation	Plate No.	2





Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP3 - completed excavation	Plate No.	3	



Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP4 - completed excavation	Plate No.	4	



Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP5 - completed excavation	Plate No.	5	



Project No.	D42153	Drawn	SJ
Client	Bloor Homes East Midlands	Checked	SS
		Approved	PK
Project	Hinckley Phase 4	Scale	NTS
		Date Drawn	30/11/2022
		Rev.	
Title	TP6 - completed excavation	Plate No.	6





Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP7 - completed excavation	Plate No.	7	



Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP8 - completed excavation	Plate No.	8	



Project No.	D42153	Drawn	SJ
Client	Bloor Homes East Midlands	Checked	SS
		Approved	PK
Project	Hinckley Phase 4	Scale	NTS
		Date Drawn	30/11/2022
		Rev.	
Title	TP9 - completed excavation	Plate No. 9	





Project No.	D42153	Drawn	SJ
Client	Bloor Homes East Midlands	Checked	SS
		Approved	PK
Project	Hinckley Phase 4	Scale	NTS
		Date Drawn	30/11/2022
		Rev.	
Title	TP10 - completed excavation	Plate No.	10





Project No.	D42153	Drawn	SJ
Client	Bloor Homes East Midlands	Checked	SS
		Approved	PK
Project	Hinckley Phase 4	Scale	NTS
		Date Drawn	30/11/2022
		Rev.	
Title	TP11 - completed excavation	Plate No. 11	





Project No.	D42153	Drawn	SJ
Client	Bloor Homes East Midlands	Checked	SS
		Approved	PK
Project	Hinckley Phase 4	Scale	NTS
		Date Drawn	30/11/2022
		Rev.	
Title	TP12 - completed excavation	Plate No.	12





Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP13 - completed excavation	Plate No.	13	



Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP14 - completed excavation	Plate No.	14	



Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	WS1 - Recovered cores	Plate No.	15	



Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	WS2 - Recovered cores	Plate No.	16	



Project No.	D42153	Drawn	SJ
Client	Bloor Homes East Midlands	Checked	SS
		Approved	PK
Project	Hinckley Phase 4	Scale	NTS
		Date Drawn	30/11/2022
		Rev.	
Title	WS3 - Recovered cores	Plate No.	17





Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	WS4 - Recovered cores	Plate No.	18	



Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	WS5 - Recovered cores	Plate No.	19	

APPENDIX X

Laboratory Soil Test Results



LABORATORY REPORT



4043

Contract Number: PSL22/7552

Report Date: 01 December 2022

Client's Reference: D42153

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

For the attention of: Steve Sellers

Contract Title: Hinckley Phase 4

Date Received: 25/11/2022

Date Commenced: 25/11/2022

Date Completed: 01/12/2022

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:

A Watkins
(Director)

R Berriman
(Quality Manager)

S Royle
(Laboratory Manager)

L Knight
(Assistant Laboratory Manager)

S Eyre
(Senior Technician)

M Fennell
(Senior Technician)

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e-mail: rberriman@prosoils.co.uk
awatkins@prosoils.co.uk

Page 1 of

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Description of Sample
TP1	1	B	0.70		Brown slightly sandy CLAY.
TP2	2	B	1.00		Brown slightly sandy CLAY.
TP3	3	B	1.30		Brown slightly sandy CLAY.
TP4	4	B	1.60		Brown mottled grey slightly sandy CLAY.
TP5	5	B	1.90		Brown mottled grey slightly sandy CLAY.
TP6	6	B	2.20		Brown slightly sandy CLAY.
TP7	7	B	2.50		Brown slightly sandy CLAY.
TP8	8	B	2.85		Brown sandy CLAY.
TP9	9	B	0.85		Brown slightly sandy CLAY.
TP10	10	B	1.15		Brown slightly sandy CLAY.
TP12	12	B	1.75		Brown mottled grey slightly sandy CLAY.
TP14	14	B	2.35		Brown slightly sandy CLAY.



4043



Hinckley Phase 4

Contract No:

PSL22/7552

Client Ref:

D42153

 PSL Professional Soils Laboratory	Hinckley Phase 4
	Contract No:
	PSL22/7552
	Client Ref:
4043	D42153

Hinckley Phase 4	Contract No:
	PSL22/7552
	Client Ref:
	D42153

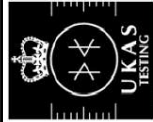
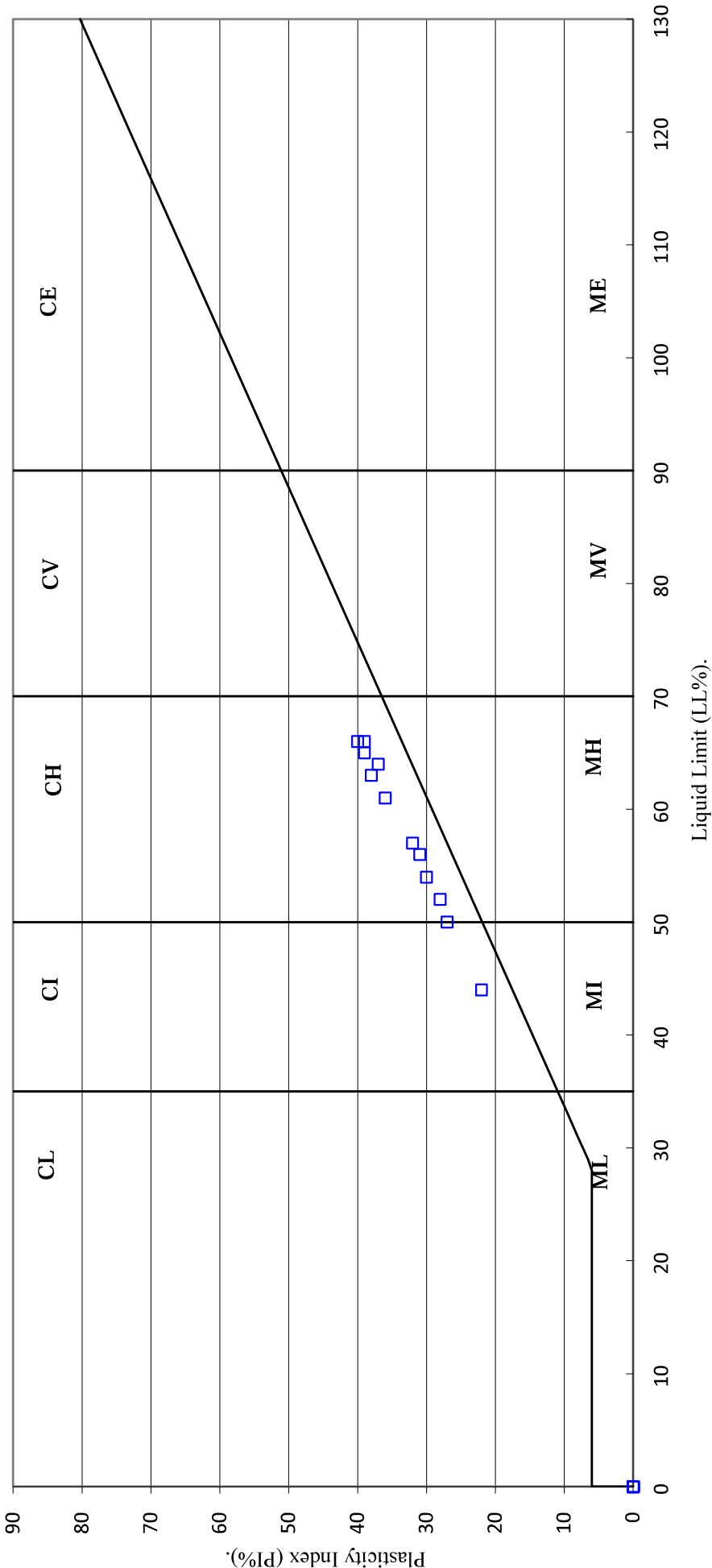
(BS1377 : PART 2 : 1990)

SYMBOLS: NP : Non Plastic

* : Liquid Limit and Plastic Limit Wet Sieved.

Hinckley Phase 4	Contract No:
	PSL22/7552
	Client Ref:
	D42153

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.



4043



Professional Soils Laboratory

Hinckley Phase 4

Contract No:
PSL22/7552
Client Ref:
D42153

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 22/11696
Issue Number: 1

Date: 05 December, 2022

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

Project Manager: Steve Sellers
Project Name: Hinckley Phase 4
Project Ref: D42153
Order No: D42153/SS
Date Samples Received: 28/11/22
Date Instructions Received: 28/11/22
Date Analysis Completed: 02/12/22

Approved by:



Gemma Berrisford
Client Manager

Envirolab Job Number: 22/11696

Client Project Name: Hinckley Phase 4

Client Project Ref: D42153

Lab Sample ID	22/11696/1	22/11696/2	22/11696/3	22/11696/4	22/11696/5	22/11696/6	22/11696/7	Units	Limit of Detection	Method ref
Client Sample No	J1	J2	J3	J4	J5	J6	J7			
Client Sample ID	TP1	TP1	TP2	TP2	TP3	TP3	TP4			
Depth to Top	0.10	0.50	0.20	0.45	0.05	1.00	0.15			
Depth To Bottom										
Date Sampled	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Sample Matrix Code	4AE	6A	6AE	6A	4AE	6A	4AE			
% 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#}	8.19	-	-	8.85	8.20	-	-	pH	0.01	A-T-031s
Sulphate (water sol 2:1) _D ^{M#}	-	0.08	-	-	-	0.08	-	g/l	0.01	A-T-026s
Total Organic Carbon _D ^{M#}	1.30	-	-	0.78	0.63	-	-	% w/w	0.03	A-T-032s
Arsenic _D ^{M#}	7	-	-	8	2	-	-	mg/kg	1	A-T-024s
Cadmium _D ^{M#}	0.7	-	-	0.7	0.6	-	-	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	19	-	-	21	10	-	-	mg/kg	1	A-T-024s
Chromium _D ^{M#}	30	-	-	26	23	-	-	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	-	-	<1	<1	-	-	mg/kg	1	A-T-040s
Chromium (trivalent)	30	-	-	26	23	-	-	mg/kg	1	Calc
Lead _D ^{M#}	37	-	-	10	13	-	-	mg/kg	1	A-T-024s
Mercury _D	<0.17	-	-	0.43	<0.17	-	-	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	21	-	-	24	14	-	-	mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	-	-	<1	<1	-	-	mg/kg	1	A-T-024s
Zinc _D ^{M#}	55	-	-	49	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
Telodrin _A	-	-	<0.01	-	-	-	<0.01	mg/kg	0.01	A-T-056

Envirolab Job Number: 22/11696

Client Project Name: Hinckley Phase 4

Client Project Ref: D42153

Lab Sample ID	22/11696/1	22/11696/2	22/11696/3	22/11696/4	22/11696/5	22/11696/6	22/11696/7	Units	Limit of Detection	Method ref
Client Sample No	J1	J2	J3	J4	J5	J6	J7			
Client Sample ID	TP1	TP1	TP2	TP2	TP3	TP3	TP4			
Depth to Top	0.10	0.50	0.20	0.45	0.05	1.00	0.15			
Depth To Bottom										
Date Sampled	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Sample Matrix Code	4AE	6A	6AE	6A	4AE	6A	4AE			
Isodrin _A	-	-	<0.01	-	-	-	<0.01	mg/kg	0.01	A-T-056
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
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: 22/11696

Client Project Name: Hinckley Phase 4

Client Project Ref: D42153

Lab Sample ID	22/11696/1	22/11696/2	22/11696/3	22/11696/4	22/11696/5	22/11696/6	22/11696/7	Units	Limit of Detection	Method ref
Client Sample No	J1	J2	J3	J4	J5	J6	J7			
Client Sample ID	TP1	TP1	TP2	TP2	TP3	TP3	TP4			
Depth to Top	0.10	0.50	0.20	0.45	0.05	1.00	0.15			
Depth To Bottom										
Date Sampled	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Sample Matrix Code	4AE	6A	6AE	6A	4AE	6A	4AE			
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
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: 22/11696

Client Project Name: Hinckley Phase 4

Client Project Ref: D42153

Lab Sample ID	22/11696/1	22/11696/2	22/11696/3	22/11696/4	22/11696/5	22/11696/6	22/11696/7	Units	Limit of Detection	Method ref
Client Sample No	J1	J2	J3	J4	J5	J6	J7			
Client Sample ID	TP1	TP1	TP2	TP2	TP3	TP3	TP4			
Depth to Top	0.10	0.50	0.20	0.45	0.05	1.00	0.15			
Depth To Bottom										
Date Sampled	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Sample Matrix Code	4AE	6A	6AE	6A	4AE	6A	4AE			
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: 22/11696

Client Project Name: Hinckley Phase 4

Client Project Ref: D42153

Lab Sample ID	22/11696/8	22/11696/10	22/11696/11	22/11696/13	22/11696/14	22/11696/16	22/11696/17	Units	Limit of Detection	Method ref
Client Sample No	J8	J10	J11	J13	J14	J16	J17			
Client Sample ID	TP4	TP5	TP6	TP7	TP7	TP8	TP9			
Depth to Top	0.55	2.00	0.20	0.25	0.55	0.45	0.10			
Depth To Bottom										
Date Sampled	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	17-Nov-22			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Sample Matrix Code	6A	6A	6A	4AE	6A	6A	4AE			
% 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#}	8.45	-	8.05	-	-	8.96	-	pH	0.01	A-T-031s
Sulphate (water sol 2:1) _D ^{M#}	-	0.13	-	-	0.05	-	-	g/l	0.01	A-T-026s
Total Organic Carbon _D ^{M#}	0.47	-	1.14	-	-	0.72	-	% w/w	0.03	A-T-032s
Arsenic _D ^{M#}	5	-	6	-	-	3	-	mg/kg	1	A-T-024s
Cadmium _D ^{M#}	1.0	-	0.8	-	-	0.8	-	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	22	-	14	-	-	22	-	mg/kg	1	A-T-024s
Chromium _D ^{M#}	55	-	25	-	-	36	-	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	-	<1	-	-	<1	-	mg/kg	1	A-T-040s
Chromium (trivalent)	55	-	25	-	-	36	-	mg/kg	1	Calc
Lead _D ^{M#}	17	-	28	-	-	12	-	mg/kg	1	A-T-024s
Mercury _D	<0.17	-	<0.17	-	-	0.66	-	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	43	-	14	-	-	29	-	mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	-	<1	-	-	<1	-	mg/kg	1	A-T-024s
Zinc _D ^{M#}	66	-	46	-	-	55	-	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

Envirolab Job Number: 22/11696

Client Project Name: Hinckley Phase 4

Client Project Ref: D42153

Lab Sample ID	22/11696/8	22/11696/10	22/11696/11	22/11696/13	22/11696/14	22/11696/16	22/11696/17	Units	Limit of Detection	Method ref
Client Sample No	J8	J10	J11	J13	J14	J16	J17			
Client Sample ID	TP4	TP5	TP6	TP7	TP7	TP8	TP9			
Depth to Top	0.55	2.00	0.20	0.25	0.55	0.45	0.10			
Depth To Bottom										
Date Sampled	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	17-Nov-22			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Sample Matrix Code	6A	6A	6A	4AE	6A	6A	4AE			
Isodrin _A	-	-	-	<0.01	-	-	<0.01	mg/kg	0.01	A-T-056
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
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: 22/11696

Client Project Name: Hinckley Phase 4

Client Project Ref: D42153

Lab Sample ID	22/11696/8	22/11696/10	22/11696/11	22/11696/13	22/11696/14	22/11696/16	22/11696/17	Units	Limit of Detection	Method ref
Client Sample No	J8	J10	J11	J13	J14	J16	J17			
Client Sample ID	TP4	TP5	TP6	TP7	TP7	TP8	TP9			
Depth to Top	0.55	2.00	0.20	0.25	0.55	0.45	0.10			
Depth To Bottom										
Date Sampled	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	17-Nov-22			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Sample Matrix Code	6A	6A	6A	4AE	6A	6A	4AE			
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
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: 22/11696

Client Project Name: Hinckley Phase 4

Client Project Ref: D42153

Lab Sample ID	22/11696/8	22/11696/10	22/11696/11	22/11696/13	22/11696/14	22/11696/16	22/11696/17	Units	Limit of Detection	Method ref
Client Sample No	J8	J10	J11	J13	J14	J16	J17			
Client Sample ID	TP4	TP5	TP6	TP7	TP7	TP8	TP9			
Depth to Top	0.55	2.00	0.20	0.25	0.55	0.45	0.10			
Depth To Bottom										
Date Sampled	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	16-Nov-22	17-Nov-22			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Sample Matrix Code	6A	6A	6A	4AE	6A	6A	4AE			
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: 22/11696

Client Project Name: Hinckley Phase 4

Client Project Ref: D42153

Lab Sample ID	22/11696/18	22/11696/19	22/11696/20	22/11696/22	22/11696/23	22/11696/24	22/11696/25	Units	Limit of Detection	Method ref
Client Sample No	J18	J19	J20	J22	J23	J24	J25			
Client Sample ID	TP9	TP10	TP10	TP11	TP12	TP12	TP13			
Depth to Top	0.45	0.05	0.40	0.60	0.20	1.50	0.10			
Depth To Bottom										
Date Sampled	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Sample Matrix Code	6AE	4AE	6A	6A	4AE	6A	4AE			
% 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#}	8.90	7.10	-	8.87	-	-	7.18	pH	0.01	A-T-031s
Sulphate (water sol 2:1) _D ^{M#}	-	-	0.09	-	-	0.26	-	g/l	0.01	A-T-026s
Total Organic Carbon _D ^{M#}	0.75	1.44	-	0.81	-	-	1.55	% w/w	0.03	A-T-032s
Arsenic _D ^{M#}	5	4	-	16	-	-	5	mg/kg	1	A-T-024s
Cadmium _D ^{M#}	0.7	<0.5	-	1.1	-	-	0.7	mg/kg	0.5	A-T-024s
Copper _D ^{M#}	23	14	-	25	-	-	19	mg/kg	1	A-T-024s
Chromium _D ^{M#}	32	22	-	39	-	-	30	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	-	<1	-	-	<1	mg/kg	1	A-T-040s
Chromium (trivalent)	32	22	-	39	-	-	30	mg/kg	1	Calc
Lead _D ^{M#}	12	31	-	13	-	-	50	mg/kg	1	A-T-024s
Mercury _D	0.87	<0.17	-	<0.17	-	-	<0.17	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	24	14	-	34	-	-	18	mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	-	<1	-	-	<1	mg/kg	1	A-T-024s
Zinc _D ^{M#}	52	41	-	64	-	-	54	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
Telodrin _A	-	-	-	-	<0.01	-	-	mg/kg	0.01	A-T-056

Envirolab Job Number: 22/11696

Client Project Name: Hinckley Phase 4

Client Project Ref: D42153

Lab Sample ID	22/11696/18	22/11696/19	22/11696/20	22/11696/22	22/11696/23	22/11696/24	22/11696/25	Units	Limit of Detection	Method ref
Client Sample No	J18	J19	J20	J22	J23	J24	J25			
Client Sample ID	TP9	TP10	TP10	TP11	TP12	TP12	TP13			
Depth to Top	0.45	0.05	0.40	0.60	0.20	1.50	0.10			
Depth To Bottom										
Date Sampled	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Sample Matrix Code	6AE	4AE	6A	6A	4AE	6A	4AE			
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
Chlorpyrifos-methyl _A	-	-	-	-	<0.01	-	-	mg/kg	0.01	A-T-056
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

Envirolab Job Number: 22/11696

Client Project Name: Hinckley Phase 4

Client Project Ref: D42153

Lab Sample ID	22/11696/18	22/11696/19	22/11696/20	22/11696/22	22/11696/23	22/11696/24	22/11696/25	Units	Limit of Detection	Method ref
Client Sample No	J18	J19	J20	J22	J23	J24	J25			
Client Sample ID	TP9	TP10	TP10	TP11	TP12	TP12	TP13			
Depth to Top	0.45	0.05	0.40	0.60	0.20	1.50	0.10			
Depth To Bottom										
Date Sampled	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Sample Matrix Code	6AE	4AE	6A	6A	4AE	6A	4AE			
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
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: 22/11696

Client Project Name: Hinckley Phase 4

Client Project Ref: D42153

Lab Sample ID	22/11696/18	22/11696/19	22/11696/20	22/11696/22	22/11696/23	22/11696/24	22/11696/25	Units	Limit of Detection	Method ref
Client Sample No	J18	J19	J20	J22	J23	J24	J25			
Client Sample ID	TP9	TP10	TP10	TP11	TP12	TP12	TP13			
Depth to Top	0.45	0.05	0.40	0.60	0.20	1.50	0.10			
Depth To Bottom										
Date Sampled	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22	17-Nov-22			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Sample Matrix Code	6AE	4AE	6A	6A	4AE	6A	4AE			
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: 22/11696

Client Project Name: Hinckley Phase 4

Client Project Ref: D42153

Lab Sample ID	22/11696/26	22/11696/28						Units	Limit of Detection	Method ref
Client Sample No	J26	J28								
Client Sample ID	TP13	TP14								
Depth to Top	0.50	2.50								
Depth To Bottom										
Date Sampled	17-Nov-22	17-Nov-22								
Sample Type	Soil	Soil								
Sample Matrix Code	6A	6AE								
% Stones >10mm _A	<0.1	<0.1						% w/w	0.1	A-T-044
Sulphate (water sol 2:1) _D ^{M#}	0.03	0.03						g/l	0.01	A-T-026s