



Leap Environmental Ltd
The Atrium, Curtis Road
Dorking, Surrey RH4 1XA
Tel: 01306 646510
www.leapenvironmental.com

Rotary Core Log

Borehole No.

BH401

Sheet 2 of 3

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505854 - 119122

Hole Type
RC

Location: New Place Farm, London Road, Pulborough, RH20 1AT

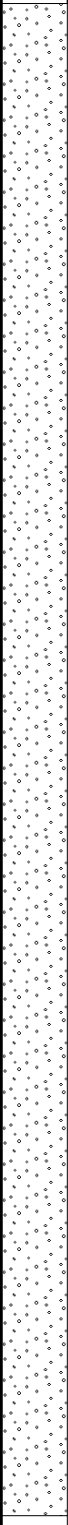
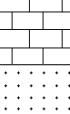
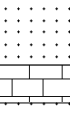
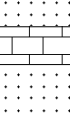
Level: 41.74

Scale
1:40

Client: BDW Trading Limited

Dates: 06/08/2025 - 07/08/2025

Logged By
LS RM

Well	Water Strikes	Depth (m)	Type / FI	Coring			Depth (m)	Level (m)	Legend	Stratum Description			
				TCR	SCR	RQD							
		8.40 - 8.60 8.40 - 8.60	D D				9.50	32.24		<u>Subhorizontal fracture at 9.00m with orange staining. Vertical fracture with heavy orange staining between 9.2m and 9.5m</u>	9		
		9.90 - 10.05 9.50 - 11.00	U								Extremely weak to very weak light grey and light brown fine to medium SANDSTONE with rare shelly material. Very widely spaced subhorizontal and vertical undulating iron stained fractures (vertical around 15cm). (HYTHE FORMATION)	10	
				91	57	46					<u>Recovered as moderately weak sandstone after 11.0m</u>	11	
		11.50 - 11.70 11.50 - 11.70 11.00 - 12.50	U U U						12				
				80	80	68			12.25	29.49		Extremely strong light grey LIMESTONE with occasional black laminations. (HYTHE FORMATION)	
		13.00 - 13.20 13.00 - 13.20 12.50 - 14.00	D D D					13.00	28.74			Weak to moderately weak light brown fine SANDSTONE. (HYTHE FORMATION)	13
				100	100	93	13.40	28.34				Very strong light grey LIMESTONE. (HYTHE FORMATION)	
							13.90	27.84				Weak to moderately weak light brown fine SANDSTONE. (HYTHE FORMATION)	14
		14.00 - 15.50 14.90 - 15.10	D				14.50 14.70 14.90 15.10	27.24 27.04 26.84 26.64				Very strong light grey LIMESTONE. (HYTHE FORMATION) Weak to moderately weak light brown fine SANDSTONE. (HYTHE FORMATION) Very strong light grey LIMESTONE. (HYTHE FORMATION)	15
				100	100	93						Weak to moderately weak light brown fine SANDSTONE. (HYTHE FORMATION)	
		15.70 - 15.80	D								<u>Becoming medium strong after 15.7m</u>	16	
		Continued on next sheet											

Remarks

Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 20.0m. Borehole backfilled with gravel from 2.0m to 20.0m and bentonite from ground level to 2.0m. SPT energy ratio: 68%



Rotary Core Log

Borehole No.

BH401

Sheet 3 of 3

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505854 - 119122

Hole Type
RC

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Level: 41.74

Scale
1:40

Client: BDW Trading Limited

Dates: 06/08/2025 - 07/08/2025

Logged By
LS RM

[illegible]

Remarks

Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 20.0m. Borehole backfilled with gravel from 2.0m to 20.0m and bentonite from ground level to 2.0m. SPT energy ratio: 68%

AGS



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Rotary Core Log

Borehole No.

BH402

Sheet 1 of 3

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505778 - 119175

Hole Type
RC

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Level: 38.66

Scale
1:40

Client: BDW Trading Limited

Dates: 08/08/2025 - 13/08/2025

Logged By
LS RM

Well	Water Strikes	Depth (m)	Type / FI	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
		0.60 - 0.90	B				0.30	38.36		REWORKED TOPSOIL: Medium dense brown gravelly silty fine to medium SAND. Gravel is angular to subrounded fine to coarse of concrete fragments, brick fragments, ceramic tile fragments, sandstone and mudstone.	1
		1.20 - 1.65	SPTL S				1.20	37.46		Medium dense light yellowish brown gravelly clayey fine to medium SAND. Gravel is angular to subrounded fine to medium of sandstone and mudstone. (HEAD DEPOSITS)	
		1.50 - 1.70	D								2
		1.50 - 1.70	D								
		2.00 - 2.45	SPTL S				2.30	36.36		Very stiff orangish brown mottled light brown silty sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is angular to subrounded fine to coarse of sandstone and mudstone. (HEAD DEPOSITS) <i>SPT at 1.2m: N=50 (1,8/14,16,16,18)</i> <i>Band of brown and grey sandy CLAY with decayed leaves and rootlets at 1.4m</i> <i>SPT at 2.0m: N=50 (8,17/17,19,14)</i>	3
		2.80	D								
		3.00 - 3.35	SPTL S							Very dense orangish brown and grey silty fine SAND with frequent orange staining. (HYTHE FORMATION) <i>SPT at 3.0m: N=50 (13,12/12,20,18)</i>	4
		3.60 - 3.66	C	85	52	29	3.50	35.16		Recovered as gravelly with subangular medium to coarse of mudstone between 3.3 and 3.5m Very strong light grey LIMESTONE. (HYTHE FORMATION)	
		3.50 - 3.65	C				3.75	34.91		Extremely weak light brown SANDSTONE with occasional black laminations and frequent orange staining. (HYTHE FORMATION) <i>SPT at 4.0m: N=50 (10,15/21,24,5)</i>	5
		3.85 - 3.95	C								
		4.00 - 4.25	SPTL S								6
		4.00 - 5.00		110	88	58				Becoming medium to coarse grained after 4.5m	
		5.00 - 5.30	SPTL S							Becoming very weak after 5.0m <i>SPT at 5.0m: N=50 (16,12/27,23)</i>	7
		5.53 - 5.69	C							Recovered as coarse gravel between 5.3m and 5.4m	
		5.53 - 5.69	C	92	81	46	5.90	32.76		Very strong light grey LIMESTONE. (HYTHE FORMATION)	8
		5.00 - 6.50	C				6.50	32.16		Extremely weak light brown SANDSTONE with occasional black laminations and frequent orange staining. (HYTHE FORMATION)	
		5.95 - 6.15	C								9
		6.70 - 6.85	C								
		6.70 - 6.85	C								10
		6.50 - 7.20	C	102	102	35	7.25	31.41		Very strong light grey fine grained LIMESTONE. (HYTHE FORMATION)	
		7.25 - 7.60	C				7.60	31.06		Extremely weak to very weak light brown SANDSTONE. (HYTHE FORMATION)	11
							8.00	30.66			

Continued on next sheet

Remarks

Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 19.8m. Borehole backfilled with gravel from 2.0m to 19.8m and bentonite from ground level to 2.0m. SPT energy ratio: 68%





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Rotary Core Log

Borehole No.

BH402

Sheet 2 of 3

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505778 - 119175

Hole Type
RC

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Level: 38.66

Scale
1:40

Client: BDW Trading Limited

Dates: 08/08/2025 - 13/08/2025

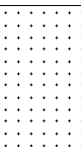
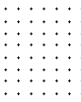
Logged By
LS RM

Well	Water Strikes	Depth (m)	Type / FI	Coring			Depth (m)	Level (m)	Legend	Stratum Description		
				TCR	SCR	RQD						
		8.70 - 8.90 8.00 - 8.90 8.70 - 8.90	C C	100	100	83	8.35	30.31		Very strong to extremely strong light grey LIMESTONE. (HYTHE FORMATION)	9	
							9.10	29.56		Extremely weak to weak light brown SANDSTONE, distinctly weathered with occasional black laminations and frequent orange staining. (HYTHE FORMATION)		
		9.50 - 11.00 10.45 - 10.60	C	97	97	86	9.95	28.71		<u>Recovered as medium strong light brown sandstone with occasional black laminations and frequent orange staining between 9.5m and 9.7m</u>	10	
							11.00	27.66		Extremely weak to weak light brown SANDSTONE distinctly weathered with occasional black laminations and frequent orange staining. (HYTHE FORMATION)		
		11.00 - 11.55	C	97	97	97	11.55	27.11		Very strong to extremely strong light grey LIMESTONE (HYTHE FORMATION)	11	
		11.00 - 12.50	C				12.70	25.96	25.56		Extremely weak to weak light brown distinctly weathered SANDSTONE with occasional black laminations and occasional orange staining. (HYTHE FORMATION)	12
		12.10 - 12.25									<u>Recovered as fine orange sand between 11.55 and 11.56m</u> <u>Abundant orange staining between 11.56m and 11.80m</u> <u>Horizontal fracture with orange staining at 12.25m, with frequent black laminations after 12.25m</u>	
		12.50 - 14.00 13.40 - 13.55 13.40 - 13.55	D D	100	100	89	13.10	25.56		Extremely strong fine grained LIMESTONE with occasional black streaks (HYTHE FORMATION)	13	
		14.50 - 14.70 14.00 - 15.50	D	93	93	80	14.97	23.69		<u>Recovered as light grey and unweathered from 14.3m</u>	14	
										Very strong light grey LIMESTONE with occasional black streaks. (HYTHE FORMATION)	15	
										Moderately weak light grey fine to medium grained calcareous SANDSTONE. (HYTHE FORMATION)	16	
										<u>Closely spaced subhorizontal rough fractures between 15.5m and 16.1m</u> <u>Subhorizontal narrow aperture fracture at 15.74m</u>		
								Continued on next sheet				

Remarks

Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 19.8m. Borehole backfilled with gravel from 2.0m to 19.8m and bentonite from ground level to 2.0m. SPT energy ratio: 68%



 Leap Environmental Ltd The Atrium, Curtis Road Dorking, Surrey RH4 1XA Tel: 01306 646510 www.leapenvironmental.com				Rotary Core Log				Borehole No. BH402 Sheet 3 of 3			
Project Name: New Place Farm Phase IV				Project No. 3750966		Co-ords: 505778 - 119175		Hole Type RC			
Location: New Place Farm, London Road, Pulborough, RH20 1AT				Level: 38.66		Scale 1:40					
Client: BDW Trading Limited				Dates: 08/08/2025 - 13/08/2025		Logged By LS RM					
Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
		15.50 - 17.00		102	102	98				Recovered as strong from 15.75m	
		16.80 - 17.00 16.80 - 17.00	U U				16.80 17.00	21.86 21.66	 	Very strong light grey LIMESTONE with occasional black streaks (HYTHE FORMATION) Moderately weak to medium strong light brown fine to medium grained SANDSTONE. (HYTHE FORMATION)	17
		17.00 - 18.30 17.90 - 18.10 17.90 - 18.10		57	57	53				Heavily stained orangish brown between 17.5m and 19.8m	
		18.70 - 18.90 18.70 - 18.90 18.30 - 19.80	D D D				18.10 19.00	20.56 19.66	 	Very strong light grey LIMESTONE with occasional black streaks. (HYTHE FORMATION) Strong light brown fine to medium grained calcareous SANDSTONE. (HYTHE FORMATION)	18 19
				7	46	40				Closely spaced fractures between 19.1m and 19.8m	
							19.80	18.86		End of borehole at 19.80 m	20
											21
											22
											23
											24
Remarks Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 19.8m. Borehole backfilled with gravel from 2.0m to 19.8m and bentonite from ground level to 2.0m. SPT energy ratio: 68%											





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Rotary Core Log

Borehole No.

BH403

Sheet 1 of 3

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505632 - 119236

Hole Type
RC

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Level: 36.68

Scale
1:40

Client: BDW Trading Limited

Dates: 19/08/2025 - 20/08/2025

Logged By
LS RM

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
		0.20	ES				0.40	36.28		TOPSOIL: Stiff light brown sandy slightly gravelly SILT. Sand is fine to medium. Gravel is subangular fine to medium of sandstone.	1
										Medium dense orangish brown silty slightly gravelly clayey fine to medium SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (HYTHE FORMATION)	
		1.50	D				1.50	35.18		Very dense light brown gravelly silty fine to medium SAND. Gravel is subangular fine to medium of sandstone. (HYTHE FORMATION) <i>Becoming very gravelly after 1.7m</i> <i>Recovered as sandy gravel after 2.0m</i> <i>SPT at 2.0m: N=50 (19,6/50)</i>	2
		2.40 - 2.60 2.00 - 3.00	D	0	0	0	2.30	34.38		Extremely weak to weak light grey and orangish brown calcareous SANDSTONE, distinctly weathered. (HYTHE FORMATION)	
		3.00 - 3.07	D							Band of extremely strong light grey limestone between 2.95m and 3.07m <i>SPT at 3.0m: N=50 (25/50)</i> <i>Becoming very weak to moderately weak after 3.07m</i>	3
		3.35 - 3.50 3.05 - 3.50	D D	100	92	42				Recovered as extremely weak to very weak after 4.0m <i>SPT at 4.0m: N=50 (25/50)</i>	
		4.60 - 5.00	D	71	68	44				Recovered as weak after 6.25m	4
		5.00 - 6.50 5.95 - 6.05	D	102	102	68	6.50	30.18		Interbedded very strong light grey medium grained LIMESTONE and extremely weak to moderately strong light orangish brown and light grey medium grained calcareous SANDSTONE. Heavily fractured with abundant orangish staining and fine silty sand infill. (HYTHE FORMATION)	
		6.70 - 6.90 6.70 - 6.90	D D							Continued on next sheet	5
		6.50 - 8.00		99	76	8				Continued on next sheet	

Remarks

Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 20.0m. Borehole backfilled with gravel from 2.0m to 20.0m and bentonite from ground level to 2.0m. SPT energy ratio: 68%





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Rotary Core Log

Borehole No.

BH403

Sheet 2 of 3

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505632 - 119236

Hole Type
RC

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Level: 36.68

Scale
1:40

Client: BDW Trading Limited

Dates: 19/08/2025 - 20/08/2025

Logged By
LS RM

Well	Water Strikes	Depth (m)	Type / FI	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
		8.25 - 8.40	D				8.30	28.38			9
		8.00 - 9.50		94	89	52				Weak to very strong calcareous SANDSTONE. (HYTHE FORMATION)	
		9.20 - 9.50 9.20 - 9.50	C C								
		9.50 - 9.65	D				9.50 9.65	27.18 27.03		Very strong light grey LIMESTONE (HYTHE FORMATION)	10
		9.50 - 11.00		100	99	17				Extremely weak to very strong light orangish brown and light grey medium grained calcareous SANDSTONE. Heavily fractured with abundant orangish staining and fine silty sand infill. (HYTHE FORMATION)	
		10.70 - 11.00 10.70 - 11.00	D D								
		11.40 - 11.55 11.40 - 11.55 11.55 - 11.75 11.00 - 12.50	D D C	90	77	49	11.00	25.68		Interbedded very strong to extremely strong light grey fine grained LIMESTONE and extremely weak to very strong light orangish brown and light grey medium grained calcareous SANDSTONE. (HYTHE FORMATION)	11 12
		12.90 - 13.20 12.90 - 13.20	C C				12.50	24.18		Weak to strong light orangish brown and light grey calcareous SANDSTONE. (HYTHE FORMATION)	13
		12.50 - 14.00		96	96	86					
		14.50 - 14.60 14.00 - 15.50	D	81	70	32	14.50 14.90	22.18 21.78		Very strong light grey fine grained LIMESTONE. (HYTHE FORMATION)	14 15
		15.15 - 15.30 15.15 - 15.30	D D							Very weak to strong calcareous SANDSTONE. (HYTHE FORMATION)	
											16
Continued on next sheet											

Remarks

Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 20.0m. Borehole backfilled with gravel from 2.0m to 20.0m and bentonite from ground level to 2.0m. SPT energy ratio: 68%





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Rotary Core Log

Borehole No.

BH403

Sheet 3 of 3

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505632 - 119236

Hole Type
RC

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Level: 36.68

Scale
1:40

Client: BDW Trading Limited

Dates: 19/08/2025 - 20/08/2025

Logged By
LS RM

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
		16.35 - 16.75 15.50 - 17.00	C	97	92	70	16.90	19.78		Very strong LIMESTONE. (HYTHE FORMATION)	17
		17.15 - 17.40	C				17.40	19.28			
		17.55 - 18.15 17.55 - 18.15 17.00 - 18.50	C C	98	88	73				Weak to very strong orangish brown and light grey SANDSTONE with frequent black specks and laminations. (HYTHE FORMATION)	18
		19.25 - 19.40 19.25 - 19.40	C C	84	84	53					
19.75 - 20.00 19.75 - 20.00	C C				19.75	16.93		Very strong light grey LIMESTONE (HYTHE FORMATION)	20		
					20.00	16.68					
									End of borehole at 20.00 m		20
											21
											22
											23
											24

Remarks

Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 20.0m. Borehole backfilled with gravel from 2.0m to 20.0m and bentonite from ground level to 2.0m. SPT energy ratio: 68%





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Rotary Core Log

Borehole No.

BH404

Sheet 1 of 3

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505829 - 119287

Hole Type
RC

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Level: 44.46

Scale
1:40

Client: BDW Trading Limited

Dates: 15/08/2025 - 19/08/2025

Logged By
LS RM

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
		0.20	ES				0.25	44.21		MADE GROUND: Stiff light grey sandy slightly gravelly SILT. Sand is fine. Gravel is angular to subrounded fine to coarse of weak sandstone and flint. (REWORKED HYTHE FORMATION)	1
		0.40 - 0.80	B							Medium dense orangish brown gravelly clayey fine SAND. Gravel is angular to subrounded fine to coarse of sandstone. (HYTHE FORMATION)	
										Recovered as brown from 1.0m	
										SPT at 1.2m: N=24 (2,3/4,4,6,10)	
							1.60	42.86		Extremely weak light brown fine to medium grained SANDSTONE. (HYTHE FORMATION)	
		1.80 - 2.00	D				1.80	42.66		Very strong light grey LIMESTONE. (HYTHE FORMATION)	2
		2.00 - 3.00	B				2.00	42.46		Extremely weak to very weak orangish brown weathered fine to medium grained SANDSTONE. (HYTHE FORMATION)	
										SPT at 2.0m: N=45 (9,14/11,9,13,12)	
							3.00	41.46		Very strong light grey LIMESTONE. (HYTHE FORMATION)	3
							3.30	41.16		Weak to moderately weak orangish brown weathered fine to medium grained SANDSTONE. (HYTHE FORMATION)	
		3.45 - 3.55 3.45 - 3.55 3.45 - 3.55	D D D	68	68	31				SPT at 3.0m: N=50 (25/37,23)	
										SPT at 4.0m: N=50 (19,6/50)	4
		4.40 - 4.70 4.40 - 4.70 4.00 - 5.30	U U U	100	88	63	4.35	40.11		Very strong light grey LIMESTONE. (HYTHE FORMATION)	5
							4.75	39.71		Very weak to moderately weak orangish brown weathered fine to medium grained SANDSTONE. (HYTHE FORMATION)	
		5.30 - 5.60 5.30 - 5.60	U U							Recovered as light grey and less weathered from 5.3m	
		5.30 - 6.50		102	100	40				Subvertical fracture with orangish brown at 6.2m	6
							6.35	38.11		Very strong light grey LIMESTONE. (HYTHE FORMATION)	7
							6.70	37.76		Subhorizontal fracture with sandy infill at 6.35m	
		6.50 - 8.00		102	92	10				Extremely weak to weak light brownish grey SANDSTONE slightly calcareous with occasional black specks and laminations. (HYTHE FORMATION)	
		7.55 - 7.70 7.55 - 7.70	D D							Heavily fractured with subvertical fractures closely spaced between 18 and 35cm in length between 6.75m and 7.50m	
										Open fracture infilled with orangish brown fine clayey sand between 7.70m and 7.75m	8

Continued on next sheet

Remarks

Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 20.0m. Borehole backfilled with gravel from 2.0m to 20.0m and bentonite from ground level to 2.0m. SPT energy ratio: 68%





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BH404

Sheet 2 of 3

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505829 - 119287

Hole Type
RC

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Level: 44.46

Scale
1:40

Client: BDW Trading Limited

Dates: 15/08/2025 - 19/08/2025

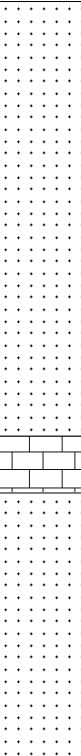
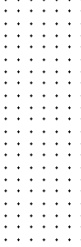
Logged By
LS RM

Well	Water Strikes	Depth (m)	Type / FI	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
		8.00 - 9.50 8.90 - 9.10	U	88	88	54	8.80	35.66		Very weak to moderately strong light brownish grey SANDSTONE slightly calcareous with frequent black specks and laminations (HYTHE FORMATION)	9
		9.50 - 11.00		102	102	96	10.60	33.86			10
		11.30 - 11.70 11.30 - 11.70	U U							Strong to extremely strong light grey LIMESTONE with frequent black specks and laminations. (HYTHE FORMATION) <i>Band of extremely weak sandstone with orange staining between 10.95m and 11.10m</i>	11
		11.00 - 12.50		92	84	55				<i>Becoming medium to coarse grained after 11.7m</i>	12
		12.85 - 13.00 12.85 - 13.00	D D				12.50	31.96		Moderately weak to very strong light brown fine to medium grained SANDSTONE calcareous with frequent black specks and laminations. (HYTHE FORMATION)	13
		12.50 - 14.00		93	93	75					
		14.00 - 15.50 14.90 - 15.05 14.90 - 15.05 15.15 - 15.50	D D D U	81	66	66	14.60	29.86		Extremely strong light grey LIMESTONE. (HYTHE FORMATION)	15
							15.05	29.41		Medium strong to strong light brown fine to medium grained SANDSTONE calcareous with abundant black specks and laminations and frequent orange staining. (HYTHE FORMATION)	
		16.00 - 16.30	U								16
										Continued on next sheet	

Remarks

Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 20.0m. Borehole backfilled with gravel from 2.0m to 20.0m and bentonite from ground level to 2.0m. SPT energy ratio: 68%



 Leap Environmental Ltd The Atrium, Curtis Road Dorking, Surrey RH4 1XA Tel: 01306 646510 www.leapenvironmental.com				Rotary Core Log				Borehole No. BH404 Sheet 3 of 3				
Project Name: New Place Farm Phase IV				Project No. 3750966		Co-ords: 505829 - 119287		Hole Type RC				
Location: New Place Farm, London Road, Pulborough, RH20 1AT				Level: 44.46		Scale 1:40						
Client: BDW Trading Limited				Dates: 15/08/2025 - 19/08/2025		Logged By LS RM						
Well	Water Strikes	Depth (m)	Type / FI	Coring			Depth (m)	Level (m)	Legend	Stratum Description		
				TCR	SCR	RQD						
		15.50 - 17.00		99	90	75						
		17.40 - 17.80 17.40 - 17.80	U U									
		17.00 - 18.50		83	83	49						
		18.50 - 18.65	D				18.30 18.60	26.16 25.86		 Extremely strong LIMESTONE. (HYTHE FORMATION)		
		19.00 - 19.15 19.00 - 19.15 18.50 - 20.00	D D D	79	69	63				 Strong to very strong light brown SANDSTONE calcareous with frequent black specks and laminations and occasional orange staining. (HYTHE FORMATION)		
		19.85 - 20.00	D				20.00	24.46		End of borehole at 20.00 m		
Remarks Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 20.0m. Borehole backfilled with gravel from 2.0m to 20.0m and bentonite from ground level to 2.0m. SPT energy ratio: 68%												





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Rotary Core Log

Borehole No.

BH405

Sheet 1 of 3

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505686 - 119293

Hole Type
RC

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Level: 41.07

Scale
1:40

Client: BDW Trading Limited

Dates: 20/08/2025 - 21/08/2025

Logged By
LS RM

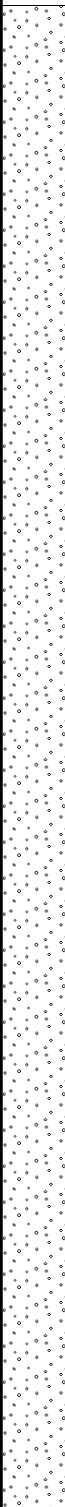
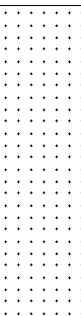
Well	Water Strikes	Depth (m)	Type / FI	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
		0.10	ES				0.30	40.77		MADE GROUND: Very stiff light greyish brown sandy slightly gravelly SILT. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of type 1 MOT, brick fragments and sandstone. (REWORKED HYTHE FORMATION)	1
		1.20 - 1.40	D				1.75	39.32		Very dense orangish brown and light brown silty clayey fine to medium SAND. (HYTHE FORMATION)	
		1.20 - 1.40	D							SPT at 1.2m: N=50 (1,3/6,14,10,20)	
		2.00 - 3.00	D	79	64	32	3.00	38.07		Extremely weak light orangish brown and light grey fine to medium grained SANDSTONE distinctly weathered with rare orange staining. (HYTHE FORMATION)	2
		2.70 - 2.90								Recovered as very weak to weak after 2.0m	
		2.70 - 2.90								SPT at 2.0m: N=50 (25/50)	
		3.00 - 3.25	U				3.35	37.72		Very strong light grey LIMESTONE. (HYTHE FORMATION)	3
										SPT at 3.0m: N=50 (25/50)	
		3.00 - 4.50	U	95	95	89	5.20	35.87		Moderately weak light orangish brown and light grey fine to medium grained SANDSTONE distinctly weathered with occasional orange staining and black specks and laminations. (HYTHE FORMATION)	4
		4.20 - 4.50								Closely spaced subhorizontal fractures with orange fine silty sand infill between 3.35m and 3.80m	
		4.20 - 4.50									
		4.50 - 6.00	U	95	90	72	5.35	35.72		Very strong light grey LIMESTONE (HYTHE FORMATION)	5
		5.60 - 5.90								Moderately weak Light brown fine to medium grained SANDSTONE with closely spaced narrow aperture fractures and black laminations. (HYTHE FORMATION)	
		6.30 - 6.70	U	96	96	57	7.30	33.77		Subhorizontal fracture narrow aperture with fine sand infill at 6.2m	6
		6.00 - 7.50								15cm subvertical fracture at 6.8m Horizontal 5cm open infilled fracture with orangish brown at 6.9m	
		7.50 - 7.75	U				7.75	33.32		Very strong light grey LIMESTONE. (HYTHE FORMATION)	7
		7.50 - 7.75	U							Weak to moderately weak light brown fine to medium grained SANDSTONE with closely	

Continued on next sheet

Remarks

Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 19.5m. Borehole backfilled with gravel from 2.0m to 19.5m and bentonite from ground level to 2.0m. SPT energy ratio: 68%



 Leap Environmental Ltd The Atrium, Curtis Road Dorking, Surrey RH4 1XA Tel: 01306 646510 www.leapenvironmental.com				Rotary Core Log				Borehole No. BH405 Sheet 2 of 3			
Project Name: New Place Farm Phase IV				Project No. 3750966		Co-ords: 505686 - 119293		Hole Type RC			
Location: New Place Farm, London Road, Pulborough, RH20 1AT				Level: 41.07		Scale 1:40					
Client: BDW Trading Limited				Dates: 20/08/2025 - 21/08/2025		Logged By LS RM					
Well	Water Strikes	Depth (m)	Type / FI	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
		7.50 - 9.00		97	97	52				spaced narrow aperture fractures and black laminations. (HYTHE FORMATION) Horizontal infilled fracture infilled with orangish brown sand at 7.9m Subvertical slightly fine sand infilled fracture between 8.35m and 8.70m . Closely spaced narrow aperture horizontal fractures.	9
		9.30 - 9.50 9.30 - 9.50	D D							Subvertical slightly infilled fracture from 9.35m to 9.75m. Closely spaced narrow aperture horizontal fractures.	
		9.00 - 10.50		100	92	56	9.80	31.27		Very strong light grey LIMESTONE. (HYTHE FORMATION)	10
							10.10	30.97		Moderately weak to medium strong light brown fine to medium grained SANDSTONE with black laminations. (HYTHE FORMATION) Subhorizontal fractures with orangish brown staining at 10.3m	
		11.10 - 11.40 10.50 - 12.00	U				10.70 10.75	30.37 30.32		Recovered as pale whitish grey very calcareous sandstone between 10.4m and 10.5m Very strong light grey LIMESTONE. (HYTHE FORMATION) Moderately weak Light brown fine to medium grained SANDSTONE with black laminations. (HYTHE FORMATION)	11
							12.00	29.07		Very strong light grey LIMESTONE. (HYTHE FORMATION)	12
		12.00 - 13.50		96	91	81	12.60	28.47		Moderately weak light brown fine to medium grained SANDSTONE with closely spaced narrow aperture fractures and black laminations. (HYTHE FORMATION)	13
		13.30 - 13.50 13.30 - 13.50	D D								
		13.50 - 14.00 14.30 - 14.55	D D	95	95	88				Band of very strong light grey LIMESTONE between 14.15m and 14.25m	14
		15.00 - 15.30 15.00 - 16.50	U								15
										16	
Continued on next sheet											
Remarks Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 19.5m. Borehole backfilled with gravel from 2.0m to 19.5m and bentonite from ground level to 2.0m. SPT energy ratio: 68%											





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Rotary Core Log

Borehole No.

BH405

Sheet 3 of 3

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505686 - 119293

Hole Type
RC

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Level: 41.07

Scale
1:40

Client: BDW Trading Limited

Dates: 20/08/2025 - 21/08/2025

Logged By
LS RM

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
		16.50 - 18.00	D D	83	83	62	17.90 18.10	23.17 22.97		Band of very strong light grey LIMESTONE between 16.3m and 16.4m	17
		17.90 - 18.10 17.90 - 18.10								Recovered as medium strong after 17.5m	
		18.00 - 19.50		106	106	90				Very strong light grey LIMESTONE (HYTHE FORMATION)	
		19.05 - 19.35 19.05 - 19.35	U U				19.50	21.57		Moderately weak Light brown fine to medium grained SANDSTONE with closely spaced narrow aperture fractures and black laminations (HYTHE FORMATION)	18
										End of borehole at 19.50 m	19
											20
											21
											22
											23
											24

Remarks

Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 19.5m. Borehole backfilled with gravel from 2.0m to 19.5m and bentonite from ground level to 2.0m. SPT energy ratio: 68%





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Rotary Core Log

Borehole No.

BH406

Sheet 1 of 3

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505798 - 119344

Hole Type
RC

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Level: 46.68

Scale
1:40

Client: BDW Trading Limited

Dates: 13/08/2025 - 14/08/2025

Logged By
LS RM

Well	Water Strikes	Depth (m)	Type / FI	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
		0.80 - 1.20	B				0.20	46.48		MADE GROUND: Stiff brown sandy slightly gravelly SILT. Sand is fine. Gravel is angular to subrounded fine to coarse of sandstone. (REWORKED HYTHE FORMATION) Medium dense orangish brown silty slightly gravelly clayey fine SAND. Gravel is angular to subrounded fine to coarse of sandstone. (HYTHE FORMATION) <i>Recovered as slightly gravelly silty fine to medium SAND after 0.8m</i> SPT at 1.2m: N=18 (4,4/6,5,4,3) <i>Recovered as yellowish brown and very gravelly after 1.6m</i>	1
		2.00 - 3.00		65	0	0	2.00	44.68		Extremely weak light grey and yellowish brown SANDSTONE. Recovered as very sandy silty GRAVEL. Sand is fine. Gravel is angular to subangular fine to coarse of extremely weak sandstone. (HYTHE FORMATION) SPT at 2.0m: N=44 (4,4/4,5,11,24)	2
		3.00 - 3.30	D				3.00	43.68		Extremely weak to weak light grey fine to medium grained SANDSTONE. Sub vertical narrow aperture fracture with orangish brown staining. (HYTHE FORMATION) SPT at 3.0m: N=50 (11,13/26,27)	3
		3.40 - 3.70	D	110	80	80	3.40	43.28		Orangish brown silty fine SAND. (HYTHE FORMATION)	
		3.70 - 4.00	D				3.70	42.98		Extremely weak light grey fine to medium grained SANDSTONE. (HYTHE FORMATION) <i>Recovered as sandy GRAVEL between 4.0 and 4.3m</i> SPT at 4.0m: N=50 (19,17/32,21)	4
		4.00 - 5.00	D	100	0	0	4.30	42.38		Orangish brown silty, slightly gravelly fine SAND. Gravel is angular to subangular fine to coarse of sandstone. (HYTHE FORMATION)	
		4.60 - 4.80	D				4.60	42.08		Orangish brown weathered SANDSTONE recovered as very sandy, silty GRAVEL. Sand is fine to medium. Gravel is angular to subangular fine to coarse sandstone (HYTHE FORMATION)	
		4.60 - 4.80	D				5.00	41.68		Weak light grey SANDSTONE. Sand is fine. Closely spaced narrow aperture sub horizontal fractures. (HYTHE FORMATION) <i>Closely spaced narrow aperture horizontal fractures between 5.0m and 6.5m</i> SPT at 5.0m: N=50 (20,5/36,14)	5
		5.50 - 5.70	U								
		5.00 - 6.50		93	80	62					6
		6.20 - 6.40	U								
		6.50 - 6.78	U				6.50	40.18		Very strong light grey LIMESTONE (HYTHE FORMATION)	
		6.50 - 6.78	U				6.80	39.88		Moderately weak light grey fine to medium grained calcareous SANDSTONE. Closely spaced narrow aperture sub horizontal fractures. (HYTHE FORMATION) <i>Heavily weathered orange brown between 7.1m and 7.2m</i>	7
		6.50 - 8.00		105	98	86					8

Continued on next sheet

Remarks

Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 20.0m. Borehole backfilled with gravel from 2.0m to 20.0m and bentonite from ground level to 2.0m. SPT energy ratio: 68%





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Rotary Core Log

Borehole No.

BH406

Sheet 2 of 3

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505798 - 119344

Hole Type
RC

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Level: 46.68

Scale
1:40

Client: BDW Trading Limited

Dates: 13/08/2025 - 14/08/2025

Logged By
LS RM

Well	Water Strikes	Depth (m)	Type / FI	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
		8.30 - 8.40 8.30 - 8.40	D D				8.67	38.01			
		8.00 - 9.50		96	90	28					
							9.30	37.38		Very strong light grey LIMESTONE with shelly fragments. Closely spaced fractures. (HYTHE FORMATION)	9
		9.65 - 9.85	U								
		9.50 - 11.00		92	86	78				Moderately weak to medium strong light or yellowish grey calcareous SANDSTONE. Sand is fine. Closely spaced narrow aperture sub horizontal fractures (HYTHE FORMATION)	10
		11.40 - 11.60 11.40 - 11.60	D D				11.40	35.28		Very strong light grey LIMESTONE with shelly fragments and closely spaced fractures. (HYTHE FORMATION)	11
		11.00 - 12.50		106	105	25	11.72	34.96			
							12.02	34.66		Strong orangish brown fine to medium grained calcareous SANDSTONE, weathered. (HYTHE FORMATION)	12
							12.30	34.38			
		12.50 - 12.70	D							Very strong light grey LIMESTONE with shelly fragments. (HYTHE FORMATION)	13
		12.50 - 14.00		102	95	63				Medium strong to strong orangish brown fine to medium grained calcareous SANDSTONE, weathered with black laminations (HYTHE FORMATION) <i>Recovered as pale whitish grey and more calcareous between 12.40m and 12.75m</i>	14
		14.80 - 15.00 14.80 - 15.00	U U	95	95	78				Band of light grey LIMESTONE between 13.50m and 13.55m	15
		16.00 - 16.40	U				16.00	30.68		Recovered as pale whitish grey and more calcareous between 15.5m and 15.6m	16

Continued on next sheet

Remarks

Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 20.0m. Borehole backfilled with gravel from 2.0m to 20.0m and bentonite from ground level to 2.0m. SPT energy ratio: 68%



Rotary Core Log

Borehole No. _____

BH406

Sheet 3 of 3

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505798 - 119344

Hole Type
RC

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Level: 46.68

Scale
1:40

Client: BDW Trading Limited

Dates: 13/08/2025 - 14/08/2025

Logged By
LS RM

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Remarks

Position scanned with a CAT, Genny and GPR prior to excavation. Borehole drilled to 20.0m. Borehole backfilled with gravel from 2.0m to 20.0m and bentonite from ground level to 2.0m. SPT energy ratio: 68%

AGS



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Trial Pit Log

Trialpit No

TP401

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505505 - 119388
Level: 41.88

Date
18/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m):

2.5

Depth
1.60

0.6

Scale
1:25

Logged
LS

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES					MADE GROUND: Pinkish yellow brown sand at surface over light brown sandy slightly gravelly SILT. Sand is fine to medium. Gravel is angular to subrounded fine to medium of flint and sandstone. (REWORKED HYTHE FORMATION)	
	0.40 - 0.60	B		0.40	41.48		MADE GROUND: Orangish brown clayey silty gravelly fine to medium SAND with large boulder of limestone (65cm length). Gravel is subangular fine to coarse of sandstone and limestone. (REWORKED HYTHE FORMATION)	
				0.60	41.28		Extremely weak light brown and orangish brown sandstone recovered as very gravelly silty fine to coarse SANDSTONE. (HYTHE FORMATION)	1
	1.40 - 1.60	B						
				1.60	40.28		End of pit at 1.60 m	2
								3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

TP402

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505549 - 119282

Level: 39.35

Date

18/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

2.5

Depth
1.95

0.6

Scale

1:25

Logged
LS

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.25	39.10		TOPSOIL: Woody material, bark and roots over brown slightly gravelly silty fine to medium SAND with frequent decayed rootlets, roots up to 20mm. Gravel is subangular to subrounded fine to medium of sandstone. Orangish brown silty slightly gravelly fine to medium SAND. Gravel is subangular to subrounded fine to coarse of sandstone. (HYTHE FORMATION)	
	0.60 - 0.80	B						1
	1.75 - 1.95	B		1.60	37.75		Extremely weak light brown SANDSTONE recovered as very gravelly silty fine to medium SAND with cobbles. Gravel is subangular fine to coarse of sandstone. Cobbles are subangular sandstone. (HYTHE FORMATION)	
				1.95	37.40		End of pit at 1.95 m	2
								3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

TP403

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505558 - 119226
Level: 35.39

Date
18/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m):

2.5

Depth
2.40

0.6

Scale
1:25

Logged
LS

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.15	ES		0.40	34.99		TOPSOIL: Woody material, bark and roots over brown silty SAND with abundant decayed rootlets, roots up to 20mm and moderate organic odour.	
	0.70 - 0.90 0.70 - 0.90	B B		1.60	33.79		Orangish brown clayey silty fine to medium SAND with pockets of sandy clay and frequent rootlets. (HYTHE FORMATION)	1
	2.20 - 2.40	B		2.40	32.99		Extremely weak light brown SANDSTONE recovered as very gravelly silty fine to medium SAND with cobbles. Gravel is subangular fine to coarse of sandstone. Cobbles are subangular sandstone. (HYTHE FORMATION)	2
							End of pit at 2.40 m	3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

TP404

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505661 - 119234
Level: 36.85

Date
14/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

2.5

Depth
1.90

0.6

Scale
1:25

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.15	36.70		TOPSOIL: Light brown sandy slightly gravelly SILT with abundant rootlets and occasional roots. Sand is fine to medium. Gravel is subangular to subrounded fine to medium limestone rare brick. Light brown sandy slightly gravelly SILT. Sand is fine to medium. Gravel is subangular limestone. (HYTHE FORMATION) Light orangish brown clayey silty slightly gravelly fine to medium SAND. Gravel is subangular to subrounded fine to coarse of friable weathered sandstone. (HYTHE FORMATION)	1
	0.70 - 0.90 0.70 - 0.90	B B		0.30	36.55			
				1.40	35.45		Extremely weak light orangish brown SANDSTONE, distinctly weathered, recovered as gravelly fine to coarse SAND. (HYTHE FORMATION) <u>Subangular cobbles of extremely weak grey and light brown sandstone after 1.75m</u>	2
	1.70 - 1.90	B		1.90	34.95			
							End of pit at 1.90 m	3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

TP405

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505654 - 119277
Level: 39.53

Date
14/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m):

2.5

Depth
2.00

0.6

Scale
1:25

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES					TOPSOIL: Light brown sandy slightly gravelly SILT. Sand is fine to medium. Gravel is subangular to subrounded sandstone.	
				0.50	39.03		Light orangish brown clayey silty slightly gravelly fine to medium SAND. (HYTHE FORMATION)	1
	0.80 - 1.00 0.80 - 1.00	B B					Extremely weak orangish brown and light brown SANDSTONE recovered as very sandy angular fine to coarse GRAVEL with cobbles. Sand is fine to coarse. (HYTHE FORMATION)	2
	1.70 - 1.90	B		1.70	37.83			
				2.00	37.53		End of pit at 2.00 m	

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

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Trial Pit Log

Trialpit No

TP406

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505628 - 119330
Level: 42.67

Date
14/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

2.5

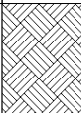
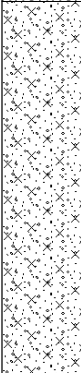
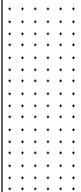
Depth
2.30

0.6

Scale
1:25

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES					TOPSOIL: Light brown sandy slightly gravelly SILT. Sand is fine to medium. Gravel is subangular to subrounded sandstone.	
	0.60 - 0.80	B		0.40	42.27		Orangish brown gravelly silty fine to medium SAND. Gravel is subangular fine to coarse of sandstone. (HYTHE FORMATION)	1
	2.10 - 2.30	B		1.65	41.02		Extremely weak SANDSTONE, distinctly weathered, recovered as very gravelly silty fine to coarse SAND with cobbles of sandstone and limestone. (HYTHE FORMATION)	2
				2.30	40.37		End of pit at 2.30 m	3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

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Trial Pit Log

Trialpit No

TP407

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505613 - 119373
Level: 44.30

Date
14/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

2.5

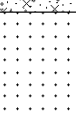
Depth
1.05

0.6

Scale
1:25

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.05	ES		0.10	44.20		MADE GROUND: Yellowish brown fine to medium SAND. (REWORKED HYTHE FORMATION)	
	0.40 - 0.60	B					Orangish brown silty gravelly fine to medium SAND with cobbles and rare pockets of clayey sand. Gravel is subangular fine to coarse of sandstone. (HYTHE FORMATION)	
	0.85 - 1.05 0.85 - 1.05	B B		0.70	43.60		Extremely weak SANDSTONE, distinctly weathered, recovered as very gravelly silty fine to coarse SAND with cobbles of sandstone and limestone. (HYTHE FORMATION)	1
				1.05	43.25		End of pit at 1.05 m	
								2
								3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

TP408

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505721 - 119224
Level: 37.65

Date
14/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m):

2.5

Depth
2.10

0.6

Scale
1:25

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.20	37.45		REWORKED TOPSOIL: Mixed vegetation over light brown sandy gravelly SILT with rare black plastic bag debris. Sand is fine. Gravel is subangular to subrounded fine to coarse of limestone (Type 1 MOT).	
	0.60 - 0.80	B		0.80	36.85		MADE GROUND: Brown sandy slightly gravelly SILT with rare roots (up to 20mm diameter). Sand is fine to medium. Gravel is subangular to subrounded fine to medium of chalk. (REWORKED HYTHE FORMATION)	1
	1.80 - 2.00 1.80 - 2.00	B B		2.10	35.55		Orangish brown and light brown very sandy slightly gravelly SILT with rare roots (few mm in diameter) and pockets of clayey fine to medium SAND. Gravel is subangular fine to coarse of friable weathered sandstone. (HYTHE FORMATION)	2
							End of pit at 2.10 m	3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

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Trial Pit Log

Trialpit No

TP409

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505779 - 119217
Level: 39.35

Date
13/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m):

2.5

Depth
2.90

0.6

Scale
1:25

Logged
LS

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.25	39.10		TOPSOIL: Light brown sandy slightly gravelly SILT. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of sandstone.	
							Brown sandy CLAY. Sand is fine to medium. (HYTHE FORMATION)	
	0.90 - 1.10	B		0.75	38.60		Orangish brown slightly gravelly clayey fine to medium SAND. Gravel is subangular to subrounded fine to medium of sandstone. (HYTHE FORMATION)	1
								2
				2.30	37.05		Orangish brown and light brown gravelly silty fine to medium SAND. Gravel is subangular fine to coarse of friable weathered sandstone. (HYTHE FORMATION)	
	2.70 - 2.90	B		2.90	36.45		Subangular cobbles of brownish grey and grey sandstone between 2.7m and 2.9m	
							End of pit at 2.90 m	3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

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Trial Pit Log

Trialpit No

TP410

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505868 - 119135
Level: 42.73

Date
13/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

2.5

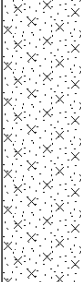
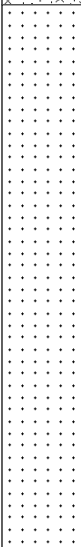
Depth
2.75

0.6

Scale
1:25

Logged
LS

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES					Light orangish brown silty fine to medium SAND. (HYTHE FORMATION) <i>Occasional rootlets and woody material between GL and 0.3m</i>	
	0.80 - 0.95	B		0.95	41.78		Extremely weak to very weak orangish brown and light grey fine to medium SANDSTONE, distinctly weathered and recovered as very gravelly fine to coarse sand. (HYTHE FORMATION)	1
	1.50 - 1.60	B						2
	2.65 - 2.75	D		2.75	39.98		End of pit at 2.75 m	3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable.
Backfilled with recovered arisings.

Stability:

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Trial Pit Log

Trialpit No

TP411

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505831 - 119168
Level: 41.25

Date
13/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m):

2.5

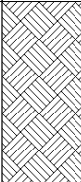
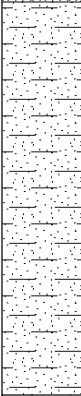
Depth
2.10

0.6

Scale
1:25

Logged
LS

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.25	ES		0.60	40.65		TOPSOIL: Brown clayey fine to medium SAND with occasional rootlets and rare organic material.	
	0.90 - 1.10 0.90 - 1.10	B B					Light orangish brown clayey fine to medium SAND. (HYTHE FORMATION)	1
	1.90 - 2.10 1.90 - 2.10	B B		1.90	39.35		Extremely weak light orangish brown and light grey fine to medium grained SANDSTONE, distinctly weathered and recovered as slightly gravelly fine to coarse sand. (HYTHE FORMATION)	2
				2.10	39.15		End of pit at 2.10 m	
								3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

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Trial Pit Log

Trialpit No

TP412

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505867 - 119203
Level: 43.31

Date
13/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

2.5

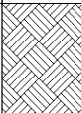
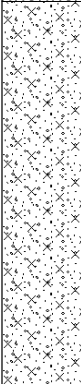
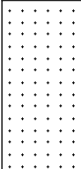
Depth
2.30

0.6

Scale
1:25

Logged
LS

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.40	42.91		TOPSOIL: Brown clayey fine to medium SAND with occasional rootlets and rare organic material.	
	0.70 - 0.90	B		1.70	41.61		Orangish brown and light brown slightly gravelly silty fine to medium SAND with pockets of clayey fine to medium sand. Gravel is subangular medium to coarse of weak friable sandstone with orange staining. (HYTHE FORMATION)	1
	2.10 - 2.30	B		2.30	41.01		Extremely weak to very weak light brown and light grey fine to medium SANDSTONE, distinctly weathered with frequent black specks and laminations and recovered as very gravelly fine to coarse sand with cobbles. (HYTHE FORMATION)	2
							End of pit at 2.30 m	3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

TP413

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505849 - 119250
Level: 43.57

Date
13/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

2.5

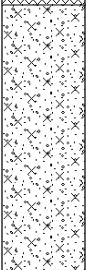
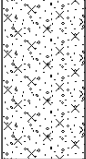
Depth
2.00

0.6

Scale
1:25

Logged
LS

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.30	ES		0.30	43.27		MADE GROUND: Light brown sandy gravelly SILT. Sand is fine to medium. Gravel is angular to subrounded fine to cobble brick concrete, flint and rare clinker.
				0.60	42.97		MADE GROUND: Brown sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint, brick, charcoal and sandstone.
	0.80 - 1.00	B					Orangish brown and light brown slightly gravelly silty fine to medium SAND with pockets of clayey sand. (HYTHE FORMATION)
	1.80 - 2.00 1.80 - 2.00	B B		2.00	41.57		Boulders of dark grey fine grained limestone at 1.5m to base on southern wall of trial pit
							End of pit at 2.00 m

1

2

3

4

5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

TP414

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505779 - 119267
Level: 41.66

Date
13/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m):

2.5

Depth
2.50

0.6

Scale
1:25

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.30	41.36		MADE GROUND: Greyish brown slightly gravelly silty fine SAND. Gravel is angular fine to medium of angular flint. (REWORKED HYTHE FORMATION)	
	0.80 - 0.90	B					Orangish brown slightly gravelly silty fine to medium SAND. Gravel is angular fine to coarse of sandstone. (HYTHE FORMATION)	1
				1.90	39.76		Recovered as very gravelly after 1.7m	
	2.40 - 2.50	B		2.50	39.16		Yellowish brown SANDSTONE with occasional orange brown staining recovered as sandy angular fine to coarse gravel. (HYTHE FORMATION)	2
							End of pit at 2.50 m	3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

TP415

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505676 - 119314
Level: 42.22

Date
14/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

2.5

Depth
2.00

0.6

Scale
1:25

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.15	ES		0.10	42.12		MADE GROUND: Light brown and light grey sandy silty subangular medium to coarse GRAVEL of Type 1 MOT. Sand is fine to medium. MADE GROUND: Light brown and light grey sandy gravelly SILT. Sand is fine to medium. Gravel is subangular medium to coarse of Type 1 MOT. MADE GROUND: Compact brown silty fine to medium SAND with rare charcoal. (REWORKED HYTHE FORMATION) Orangish brown and light brown silty gravelly fine to medium SAND. Gravel is subangular to subrounded fine to coarse of extremely weak to very weak sandstone. (HYTHE FORMATION)	1
	0.35	ES		0.20	42.02			
				0.40	41.82			
	0.80 - 1.00	B						
				1.60	40.62		Orangish brown and light brown gravelly silty fine to medium SAND with medium cobble content. Gravel is angular to subrounded fine to coarse of sandstone. (HYTHE FORMATION)	2
	1.80 - 2.00	B		2.00	40.22			
							End of pit at 2.00 m	
								3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

TP416

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505732 - 119330
Level: 44.82

Date
14/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m):

2.5

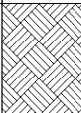
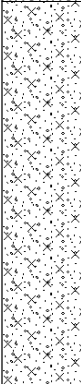
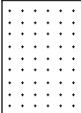
Depth
2.10

0.6

Scale
1:25

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.15	ES					TOPSOIL: Sparse vegetation over sandy slightly gravelly SILT. Sand is fine to medium. Gravel is subangular to subrounded sandstone.	
	0.70 - 0.90	B		0.40	44.42		Orangish brown and light brown silty very gravelly SAND with rare clayey sand pockets and medium cobble content. Sand is fine to medium. Gravel is angular to subrounded fine to coarse of sandstone and limestone. (HYTHE FORMATION)	1
	1.90 - 2.10	B		1.70	43.12		Extremely weak light brown SANDSTONE recovered as very gravelly silty fine to coarse SAND. (HYTHE FORMATION) <i>Recovered as very gravelly after 1.9m</i>	2
				2.10	42.72		End of pit at 2.10 m	3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

TP417

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505799 - 119325
Level: 45.70

Date
13/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m):

2.5

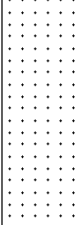
Depth
2.60

0.6

Scale
1:25

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.50 - 1.60	B		0.10	45.60		MADE GROUND: Light grey very silty fine SAND. (REWORKED HYTHE FORMATION) Orangish brown slightly gravelly silty fine to medium SAND. Gravel is angular fine to coarse of sandstone. (HYTHE FORMATION)	1
				1.80	43.90		<i>Recovered as clayey fine to medium SAND after 1.7m</i> Yellowish brown SANDSTONE recovered as sandy angular fine to coarse gravel. Sand is fine to medium. (HYTHE FORMATION)	2
				2.60	43.10		End of pit at 2.60 m	3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

TP418

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505862 - 119351
Level: 48.75

Date
13/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m):

2.5

Depth
2.70

0.6

Scale
1:25

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.15	ES		0.20	48.55		MADE GROUND: Light grey very gravelly silty fine SAND. Gravel is fine to coarse, angular flint and sandstone with occasional fine to medium brick. (REWORKED HYTHE FORMATION) Orangish brown slightly silty fine to medium SAND. (HYTHE FORMATION)	
	1.10 - 1.20 1.10 - 1.20	B B					Recovered as gravelly after 0.9m	1
				1.80	46.95		Yellowish brown SANDSTONE recovered as sandy angular fine to coarse gravel. Sand is fine to medium. (HYTHE FORMATION) Reddish brown clayey fine to medium SAND between 2.2m and 2.3m	2
	2.60 - 2.70	B		2.70	46.05		End of pit at 2.70 m	3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No
TP419
Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505695 - 119362
Level: 45.35

Date
14/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

2.5

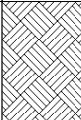
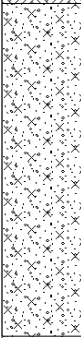
Depth
1.50

0.6

Scale
1:25

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES					TOPSOIL: Sparse vegetation over sandy slightly gravelly SILT. Sand is fine to medium. Gravel is subangular to subrounded sandstone.
	0.40 - 0.60	B		0.40	44.95		<u>Band of sandstone and limestone gravel with rare cobbles at 0.4m</u> Orangish brown and light brown silty very gravelly SAND with rare clayey sand pockets and frequent cobbles. Sand is fine to medium. Gravel is angular to subrounded fine to coarse of sandstone and limestone. (HYTHE FORMATION)
	1.30 - 1.50	B		1.50	43.85		End of pit at 1.50 m

1

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3

4

5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

TP420

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505616 - 119401
Level: 45.47

Date
15/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

2.5

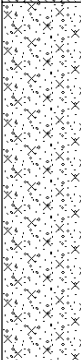
Depth
1.70

0.6

Scale
1:25

Logged
LS

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20 - 0.80	ES		0.30	45.17		TOPSOIL: Mixed vegetation over brown sandy clayey SILT. Sand is fine to medium.
	0.60	B					Orangish brown gravelly silty SAND. Sand is fine to medium. (HYTHE FORMATION)
	1.50 - 1.70	B		1.50	43.97		Extremely weak light brown and organish brown SANDSTONE recovered as very gravelly silty fine to coarse sand. (HYTHE FORMATION)
				1.70	43.77		End of pit at 1.70 m

1

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Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

TP421

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505781 - 119466
Level: 52.81

Date
15/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

2.5

Depth
1.45

0.6

Scale
1:25

Logged
LS

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.15	ES		0.35	52.46		TOPSOIL: Vegetation over brown sandy slightly gravelly SILT with frequent rootlets. Sand is fine to medium. Gravel is subangular fine of sandstone.
	0.80 - 1.00	B					Orangish brown gravelly silty SAND with rare cobbles. Sand is fine to medium. Gravel is subangular fine to coarse of sandstone. (HYTHE FORMATION)
	1.30 - 1.40	D		1.45	51.36		Recovered as very gravelly with medium cobble content after 1.40m End of pit at 1.45 m

1
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Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

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Trial Pit Log

Trialpit No

TP422

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505663 - 119434
Level: 46.80

Date
15/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

2.5

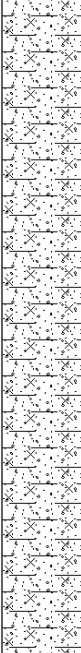
Depth
2.40

0.6

Scale
1:25

Logged
LS

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.20	46.60		TOPSOIL: Yellow sand at surface over light brown slightly gravelly clayey fine to medium SAND. Gravel is subangular to subrounded fine to medium of sandstone and limestone.	
	0.70 - 0.90	B					Orangish brown clayey silty gravelly SAND with sandstone cobbles. Sand is fine to medium. Gravel is subangular to subrounded fine to coarse of sandstone. (HYTHE FORMATION)	1
	2.20 - 2.40	B		2.40	44.40		Weak organic odour and organic black sheen, occasional black laminations on gravels and cobble after 2.3m End of pit at 2.40 m	2
								3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

TP423

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505732 - 119444
Level: 50.62

Date
15/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m):

2.5

Depth
2.70

0.6

Scale
1:25

Logged
LS

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	ES		0.15	50.47		TOPSOIL: Light brown sandy slightly gravelly SILT. Sand is fine to medium. Gravel is subangular to subrounded fine to medium of flint and limestone.
	0.90 - 1.10	B					Orangish brown clayey silty gravelly SAND with sandstone cobbles. Sand is fine to medium. Gravel is subangular to subrounded fine to coarse of sandstone. (HYTHE FORMATION)
	2.50 - 2.70	B		2.70	47.92		Recovered as light brown and orangish brown and very gravelly after 2.5m with cobbles of limestone and sandstone
							End of pit at 2.70 m

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

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Trial Pit Log

Trialpit No

TP424

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505862 - 119510
Level: 55.68

Date
15/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

2.5

Depth
1.40

0.6

Scale
1:25

Logged
LS

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.15	ES		0.30	55.38		TOPSOIL: Grass over dense light brown sandy SILT with frequent rootlets and rare fine sandstone gravels. Sand is fine to medium.
	0.60 - 0.80	B					Light orangish brown silty gravelly fine to medium SAND. Gravel is subangular to subrounded fine to coarse of friable sandstone. (HYTHE FORMATION)
	1.30 - 1.40	D		1.30 1.40	54.38 54.28		Extremely weak light brown SANDSTONE recovered as sandy subangular fine to coarse GRAVEL with medium cobble content. Sand is fine to medium. Cobbles are subangular sandstone. (HYTHE FORMATION) End of pit at 1.40 m

1

2

3

4

5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

SA401

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505792 - 119123
Level: 38.84

Date
11/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

1.7

Depth
2.00

0.6

Scale
1:25

Logged
AL

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	ES		0.20	38.64		TOPSOIL: Grass and roots over dark brown slightly gravelly clayey fine to coarse SAND with occasional rootlets and roots. Gravel is subangular to subrounded fine to medium of flint, limestone and sandstone.
	0.40	B					Stiff orangish brown sandy CLAY. Sand is fine to medium. (HEAD DEPOSITS)
	0.40	B		0.60	38.24		Hand Pen UCS at 0.4m = 320kPa Hand Shear Vane at 0.5m = 60kPa Orangish brown slightly gravelly silty fine to medium SAND. Gravel is subrounded fine to medium of weak sandstone. (HYTHE FORMATION)
	0.80	B					
	1.80	B		1.90	36.94		Extremely weak orangish greyish brown silty SANDSTONE recovered as sandy silty angular fine to coarse GRAVEL with cobbles. Sand is fine to medium. (HYTHE FORMATION)
				2.00	36.84		End of pit at 2.00 m

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with 20mm shingle between 0.9m to 2.0m and recovered arisings between ground level and 0.9m. 90mm slotted pipe installed from ground level to 2.0m.

Stability:

AGS



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Trial Pit Log

Trialpit No

SA402

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505787 - 119139
Level: 38.82

Date
11/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

1.7

Depth
1.90

0.6

Scale
1:25

Logged
AL

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.30	38.52		MADE GROUND: Greyish light brown slightly gravelly silty fine to medium SAND with occasional rootlets. Gravel is angular to subrounded fine to coarse of flint, occasional brick fragments, Type 1 MOT and rare metal fragments. (REWORKED HEAD DEPOSITS) Greyish dark brown slightly gravelly, silty fine to medium SAND. Gravel is angular to subangular fine to cobble of flint and sandstone. (HEAD DEPOSITS) Stiff orangish brown sandy CLAY with occasional pockets of orangish brown silty fine to medium SAND. (HEAD DEPOSITS) <i>Hand Pen UCS at 0.5m = 190kPa</i> <i>Hand Shear Vane at 0.7m = 55kPa</i> Orangish brown slightly gravelly silty fine to medium SAND with rare pockets of orangish brown sandy clay. Gravel is subrounded fine to medium of weak sandstone. (HYTHE FORMATION)	1
	0.70	B		0.50	38.32			
				0.85	37.97			
	1.50	B		1.90	36.92			2
							End of pit at 1.90 m	3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with 20mm shingle between 0.75m to 1.90m and recovered arisings between ground level and 0.75m. 90mm slotted pipe installed from ground level to 1.90m.

Stability:

AGS



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Trial Pit Log

Trialpit No

SA403

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505725 - 119166
Level: 35.97

Date
11/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m): 1.7

Client: BDW Trading Limited

Depth
2.05

0.6

Scale
1:25

Logged
AL

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.35	35.62		REWORKED TOPSOIL: Grass over greyish brown slightly sandy SILT with occasional rootlets. Sand is fine.	
	0.90	B		1.00	34.97		Orangish brown and brown gravelly silty fine to medium SAND with pockets of sandy clay. Gravel is subangular fine to coarse of mudstone, sandstone. (HYTHE FORMATION) <i>Hand Pen UCS at 0.8m = 600kPa</i> <i>Hand Shear Vane at 0.9m = 130kPa</i>	1
	1.90	B		2.05	33.92		Orangish brown mottled greyish brown clayey fine to medium SAND with occasional pockets of soft clay. (HYTHE FORMATION)	2
							End of pit at 2.05 m	3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with 20mm shingle between 0.70m to 2.05m and recovered arisings between ground level and 0.75m. 90mm slotted pipe installed from ground level to 2.05m.

Stability:





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Trial Pit Log

Trialpit No

SA404

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505698 - 119180
Level: 35.25

Date
11/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m): 1.7

Client: BDW Trading Limited

Depth
2.00

0.6

Scale
1:25

Logged
AL

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.25	35.00		REWORKED TOPSOIL: Grass over greyish brown slightly sandy SILT with occasional rootlets and rare plastic bag debris, chalk and flint fragments. Sand is fine.	
	0.50 0.50	B B		0.60	34.65		Orangish brown and brown gravelly silty fine to medium SAND with pockets of clayey sand. Gravel is subangular fine to boulder of mudstone, sandstone. (HYTHE FORMATION)	
	1.50	B		2.00	33.25		Orangish brown mottled greyish brown clayey fine to medium SAND with pockets of soft clay. (HYTHE FORMATION)	1
							End of pit at 2.00 m	2
								3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with 20mm shingle between 0.45m to 2.00m and recovered arisings between ground level and 0.45m. 90mm slotted pipe installed from ground level to 2.00m.

Stability:

AGS



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Trial Pit Log

Trialpit No

SA405

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505631 - 119211
Level: 35.23

Date
12/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m):

1.8

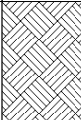
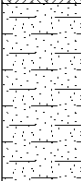
Depth
2.00

0.7

Scale
1:25

Logged
HP

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30 - 0.40	ES		0.40	34.83		TOPSOIL: Greyish brown silty fine to coarse SAND. <i>Abundant roots and rootlets between 0.0m and 0.4m</i>	
							Orangish brown and brown clayey fine to coarse SAND. (HYTHE FORMATION)	
	1.00	B		1.00	34.23		Orangish brown and light brown clayey fine to coarse SAND. (HYTHE FORMATION)	1
	1.50	B						
				2.00	33.23		End of pit at 2.00 m	2
								3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with 20mm shingle between 0.7m to 2.0m and recovered arisings between ground level and 0.7m. 90mm slotted pipe installed from ground level to 2.0m.

Stability:

AGS



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Trial Pit Log

Trialpit No

SA406

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505599 - 119214
Level: 35.04

Date
12/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m):

1.8

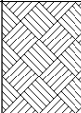
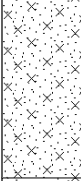
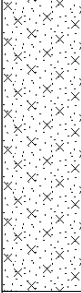
Depth
2.00

0.7

Scale
1:25

Logged
HP

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.00 - 0.10	ES					TOPSOIL: Greyish brown silty fine to coarse SAND. <i>Abundant roots and rootlets between 0.0m and 0.4m</i>	
	0.50	B		0.40	34.64		Orangish brown and brown silty fine to coarse SAND. (HYTHE FORMATION)	
				1.00	34.04		Orangish brown and light brown silty fine to coarse SAND. (HYTHE FORMATION)	1
	1.90	B		2.00	33.04		End of pit at 2.00 m	2
								3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Trial pit remained dry and stable. Backfilled with 20mm shingle between 0.7m to 2.0m and recovered arisings between ground level and 0.7m. 90mm slotted pipe installed from ground level to 2.0m.

Stability:

AGS



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Trial Pit Log

Trialpit No

SA407

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505506 - 119199
Level: 33.40

Date
12/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

2

Depth
2.00

0.7

Scale
1:25

Logged
HP

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20 - 0.30	ES		0.10	33.30		MADE GROUND: Greyish brown silty fine to coarse SAND with occasional fragments of plastic. (REWORKED HYTHE FORMATION)	
				0.50	32.90		MADE GROUND: Greenish grey silty fine to coarse SAND with occasional fragments of plastic. (REWORKED HYTHE FORMATION) <i>Organic odour noted between 0.1m and 0.5m</i>	
	1.00 1.00	B B					Orangish brown and brown silty fine to coarse SAND. (HYTHE FORMATION)	1
	1.50	B					<i>Occasional lenses of sandstone between 1.5m and 2.0m</i>	
				2.00	31.40		End of pit at 2.00 m	2
								3
								4
								5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Groundwater not encountered. Completed at 2.0m. Soakage test installed comprising shingle from 2.0m-0.7m and arisings to surface. Monitoring pipe installed to 2.0m and filler pipe to 1.0m.

Stability:

AGS



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Trial Pit Log

Trialpit No

SA408

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505502 - 119180
Level: 32.16

Date
12/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m):

1.8

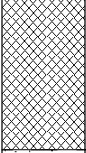
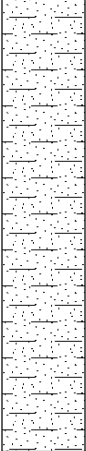
Depth
2.00

0.7

Scale
1:25

Logged
HP

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10 - 0.20	ES					MADE GROUND: Greyish brown silty fine to coarse SAND with occasional fragments of plastic. (REWORKED HYTHE FORMATION)
	0.50	B		0.50	31.66		Orangish brown and brown clayey fine to coarse SAND. (HYTHE FORMATION) <i>Occasional pockets of clay between 0.5m and 2.0m</i>
	2.00	B		2.00	30.16		End of pit at 2.00 m

1

2

3

4

5

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Groundwater not encountered. Completed at 2.0m. Soakage test installed comprising shingle from 2.0m-0.7m and arisings to surface. Monitoring pipe installed to 2.0m and filler pipe to 1.0m.

Stability:

AGS



Trial Pit Log

Trialpit No

HA402

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords:	505560 - 119397
----------	-----------------

Level: 43.96

Date _____

08/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

0.3

Depth
0.45

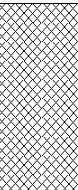
03

Scale

1:10

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.40	ES		0.25	43.71		MADE GROUND: Light brown slightly gravelly silty fine SAND. Gravel is angular medium of weak sandstone. (REWORKED HYTHE FORMATION)
				0.45	43.51		Orangish brown slightly gravelly silty fine SAND. Gravel is angular fine to medium of weak sandstone. (HYTHE FORMATION)
						----- End of pit at 0.45 m	

Remarks:	Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings.
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Stability:

AGS

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords:	505607 - 119243
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Level: 36.80

Date _____

07/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

0.3

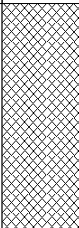
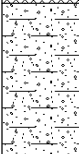
Depth
0.50

30

Scale
1:10

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.40	ES		0.30	36.50		MADE GROUND: Light brown silty fine SAND with rare fragments of black tarpaulin. (REWORKED HYTHE FORMATION)
				0.50	36.30		Orangish brown mottled brown slightly gravelly clayey fine to medium SAND. Gravel is angular to subangular fine to coarse of weak to moderately strong sandstone. (HYTHE FORMATION)
						End of pit at 0.50 m	

Remarks:	Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings.
----------	--

Stability:



Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505551 - 119253

Level: 37.34

Date _____

08/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

0.3

Depth
0.40

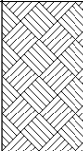
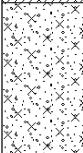
03

Scale

1:10

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	ES		0.20	37.14		REWORKED TOPSOIL Brown slightly gravelly silty fine to medium SAND with abundant wood fragments and rootlets. Gravel is angular fine to medium of flint.
							Orangish brown slightly gravelly silty fine to medium SAND. Gravel is subangular fine of weak sandstone. (HYTHE FORMATION)
				0.40	36.94		End of pit at 0.40 m

Remarks:	Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings.
----------	--

Stability:

leap environmental Leap Environmental Ltd The Atrium, Curtis Road Dorking, Surrey RH4 1XA Tel: 01306 646510 www.leapenvironmental.com				Trial Pit Log				Trialpit No HA406 Sheet 1 of 1				
Project Name: New Place Farm Phase IV				Project No. 3750966		Co-ords: 505677 - 119203 Level: 35.72		Date 07/08/2025				
Location: New Place Farm, London Road, Pulborough, RH20 1AT						Dimensions (m): Depth 0.40		0.3 		Scale 1:10		
Client: BDW Trading Limited								Logged RM				
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description					
	Depth	Type	Results									
	0.20	ES		0.25	35.47		TOPSOIL: Grass over light brown slightly gravelly silty fine SAND. Gravel is angular medium of flint.					
	0.35	ES		0.40	35.32		Yellowish brown slightly gravelly silty fine SAND. Gravel is angular fine to medium of flint. (HYTHE FORMATION)					
						----- End of pit at 0.40 m						
Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings. Stability:											AGS	



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Trial Pit Log

Trialpit No

HA407

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505709 - 119265
Level: 39.48

Date
07/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

0.3

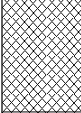
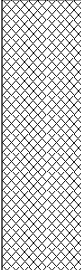
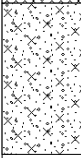
Depth
0.80

0.3

Scale
1:10

Logged
TP

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30	ES		0.15	39.33		MADE GROUND: Brown gravelly silty fine to medium SAND. Gravel is angular to subangular fine to coarse of flint and occasional concrete.	
							MADE GROUND: Brown slightly gravelly clayey fine to medium SAND with rare fragments of tarpaulin. Gravel is angular to subangular fine to medium of flint. (REWORKED HYTHE FORMATION)	
				0.60	38.88		<i>Recovered as orangish brown after 0.5m</i>	
	0.80	ES		0.80	38.68		Yellowish brown gravelly silty fine to coarse SAND. Gravel is angular to subangular fine to coarse of weak to moderately strong sandstone fragments. (HYTHE FORMATION)	
							End of pit at 0.80 m	
								1
								2

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

HA408

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505750 - 119472
Level: 50.85

Date
08/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

0.3

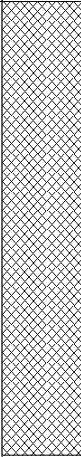
Depth
0.60

0.3

Scale
1:10

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.50	ES		0.60	50.25		MADE GROUND: Brown slightly gravelly silty fine SAND with abundant roots and rootlets, rare fragments of tarpaulin and plastic. Gravel is angular fine to coarse of weak sandstone. (REWORKED HYTHE FORMATION)
							End of pit at 0.60 m
							1
							2

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings.

Stability:

AGS



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Trial Pit Log

Trialpit No

HA409

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505657 - 119366
Level: 44.90

Date
07/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

0.3

Depth
0.70

0.3

Scale
1:10

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.15	44.75		MADE GROUND: Brown very gravelly silty fine to medium SAND. Gravel is angular to subangular fine to coarse of flint, concrete and occasional fine of brick.	
							Brown gravelly silty fine to medium SAND. Gravel is angular to subangular fine to coarse of flint and weak sandstone. (HYTHE FORMATION)	
				0.40	44.50		Brownish yellow slightly gravelly fine to medium SAND. Gravel is angular to subangular fine to coarse of weak to moderately strong sandstone. (HYTHE FORMATION)	
	0.60	ES		0.70	44.20		End of pit at 0.70 m	

1

2

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings.

Stability:

AGS



Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords:	505760 - 119368
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Level: 47.36

Date _____

08/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

0.3

Depth
0.55

0.3

Scale
1:10

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.05	ES		0.10	47.26		REWORKED TOPSOIL: Grass over brown gravelly silty fine SAND with occasional rootlets. Gravel is angular fine to coarse of flint.
	0.30	ES					MADE GROUND: Orangish brown slightly gravelly silty fine SAND. Gravel is angular fine to coarse of flint and sandstone. (REWORKED HYTHE FORMATION)
				0.55	46.81		End of pit at 0.55 m

Remarks:	Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings.
----------	--

Stability:

 Leap Environmental Ltd The Atrium, Curtis Road Dorking, Surrey RH4 1XA Tel: 01306 646510 www.leapenvironmental.com				Trial Pit Log				Trialpit No HA412 Sheet 1 of 1	
Project Name: New Place Farm Phase IV				Project No. 3750966		Co-ords: 505616 - 119428 Level: 45.27		Date 08/08/2025	
Location: New Place Farm, London Road, Pulborough, RH20 1AT						Dimensions (m): 0.3 0.3 0.3		Scale 1:10	
Client: BDW Trading Limited						Depth 0.20		Logged RM	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.20	45.07	X	MADE GROUND: Reddish brown very gravelly silty fine SAND. Gravel is angular fine to coarse of concrete and flint.		
							End of pit at 0.20 m		
Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings.									
Stability:									





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Trial Pit Log

Trialpit No
HA413
Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505809 - 119097
Level: 39.38

Date
07/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

0.3

Depth
0.65

0.3

Scale
1:10

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.05	ES					REWORKED TOPSOIL: Grass over light brown slightly gravelly silty fine to medium SAND with abundant rootlets. Gravel is angular fine of flint.
	0.30	ES		0.20	39.18		MADE GROUND: Yellowish light brown slightly gravelly silty fine to coarse SAND. Gravel is fine subangular to rounded flint and occasional weak sandstone fragments. (REWORKED HYTHE FORMATION)
	0.50	ES		0.45	38.93		MADE GROUND: Orangish brown slightly gravelly slightly clayey fine to medium SAND with rare fragments of black tarpaulin. Gravel is angular to subrounded fine to medium of flint, weak sandstone fragments and rare brick. (REWORKED HYTHE FORMATION)
				0.65	38.73		End of pit at 0.65 m

1

2

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings.

Stability:



leap environmental Leap Environmental Ltd The Atrium, Curtis Road Dorking, Surrey RH4 1XA Tel: 01306 646510 www.leapenvironmental.com				Trial Pit Log				Trialpit No HA414 Sheet 1 of 1	
Project Name: New Place Farm Phase IV				Project No. 3750966		Co-ords: 505805 - 119190 Level: 40.24		Date 07/08/2025	
Location: New Place Farm, London Road, Pulborough, RH20 1AT						Dimensions (m): Depth 0.80		0.3 Scale 1:10 Logged RM	
Client: BDW Trading Limited									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	ES		0.15	40.09		MADE GROUND: Greyish brown slightly gravelly silty fine to medium SAND. Gravel is angular to subangular fine to medium of flint, occasional fine to medium of concrete fragments.		
							MADE GROUND: Brown slightly gravelly clayey fine to medium SAND. Gravel is angular to subangular fine to medium of flint and rare fine brick fragments. (REWORKED HYTHE FORMATION)		
				0.45	39.79		Orangish brown mottled light brown sandy CLAY with rare pockets of fine yellowish white fine to medium SAND. (HYTHE FORMATION) <i>Hand penetrometer at 0.5m - 120, 120, 120</i>		
	0.70	ES		0.80	39.44		End of pit at 0.80 m		
Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings. Stability:									
AGS									



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Trial Pit Log

Trialpit No

HA415

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505806 - 119241
Level: 41.40

Date
07/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions (m):

0.3

Depth
1.10

0.3

Scale
1:10

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.05	ES		0.15	41.25		MADE GROUND: Brown slightly gravelly silty fine to medium SAND. Gravel is angular to subangular fine to medium of flint and rare fine brick fragments.	
							MADE GROUND: Brown slightly gravelly clayey fine to medium SAND. Gravel is angular to subangular fine to medium of flint and rare fine brick. (REWORKED HYTHE FORMATION)	
	0.80	ES		0.70	40.70		Light yellowish brown slightly gravelly clayey fine to medium SAND. Gravel is angular to subangular fine to medium of weak sandstone fragments. (HYTHE FORMATION)	
				1.10	40.30		End of pit at 1.10 m	

1

2

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings.

Stability:

AGS

Trial Pit Log

Trialpit No

HA416

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords:	505848 - 119489
----------	-----------------

Level: 55.72

Date _____

08/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

0.3

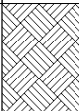
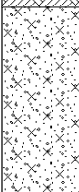
Depth
0.40

03

Scale
1:10

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	ES		0.15	55.57		TOPSOIL: Grass over light brown slightly gravelly silty fine SAND. Gravel is angular to subangular fine to medium of flint and moderately strong sandstone.
	0.20	ES					Yellowish brown slightly gravelly silty fine SAND. Gravel is angular fine to medium of weak sandstone. (HYTHE FORMATION)
					0.40	55.32	

Remarks:	Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings.
----------	--

Stability:

AGS

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505681 - 119404

Level: 47.38

Date _____

08/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

0.3

Depth
0.40

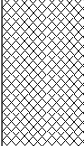
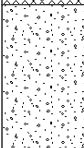
0.3

Scale

1:10

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.30	ES		0.20	47.18		Dark brown slightly gravelly silty fine to medium SAND. Gravel is angular to subangular fine to medium of flint, and occasional weak sandstone. (MADE GROUND)
							Orangish brown gravelly fine to medium SAND. Gravel is angular to subangular fine to coarse of weak to moderately strong sandstone. (HYTHE FORMATION)
				0.40	46.98	----- End of pit at 0.40 m	

Remarks:	Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings.
----------	--

Stability:

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords:	505859 - 119095
----------	-----------------

Level: 40.62

Date _____

07/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

0.3

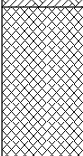
Depth
0.30

03

Scale
1:10

Logged
RM

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10	ES		0.10	40.52		TOPSOIL: Grass over light brown slightly gravelly, silty fine to medium SAND with abundant rootlets. Gravel is angular fine of flint.
							MADE GROUND: Yellowish brown silty fine to coarse SAND. (REWORKED HYTHE FORMATION)
				0.30	40.32		----- End of pit at 0.30 m

Remarks:	Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings.
----------	--

Stability:



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Trial Pit Log

Trialpit No

HA419

Sheet 1 of 1

Project Name: New Place Farm Phase IV

Project No.
3750966

Co-ords: 505866 - 119292
Level: 46.07

Date
07/08/2025

Location: New Place Farm, London Road, Pulborough, RH20 1AT

Dimensions
(m):

0.3

Depth
0.80

0.3

Scale
1:10

Logged
TP

Client: BDW Trading Limited

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.15	45.92		MADE GROUND: Greyish brown slightly gravelly silty fine to medium SAND. Gravel is angular fine of flint and rare fine brick fragments. (REWORKED HYTHE FORMATION)	
	0.50	ES					Brown slightly gravelly clayey fine to medium SAND. Gravel is angular to subangular fine to medium of flint and weak to moderately strong sandstone fragments. (HYTHE FORMATION)	
							Recovered as light brown after 0.6m	
							Recovered as gravelly after 0.7m with frequent weak to moderately strong sandstone fragments	
				0.80	45.27		End of pit at 0.80 m	

1

2

Remarks: Position scanned with a CAT, Genny and GPR prior to excavation. Hand pit dry and stable. Backfilled with recovered arisings.

Stability:

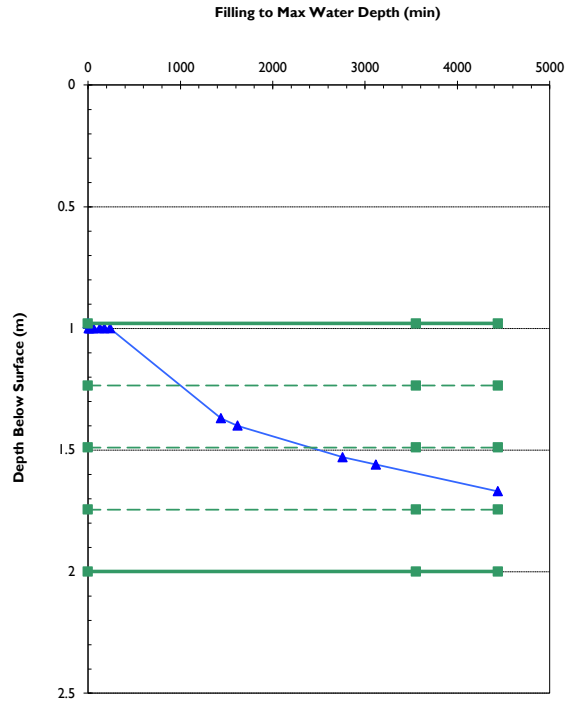
AGS



APPENDIX E – GEOTECHNICAL FIELD TEST RESULTS

BRE Digest 365 - Soakage Test

Project Ref: 3750966
 Test Hole No: SA401
 Test No: Test No 1
 NGR TQ056193



Pit Length (m)	1.7
Pit Width (m)	0.6
Depth to Pit Base (m)	2
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.9
Voids Assumed for Granular Fill (%)	35%
Depth of Water at Start of Test (m)	0.98
Max Water Dropdown during Test (m)	0.69
Total Soakage Test Time (min)	4440
Mean Internal Discharge Area (m2)	3.5385
Discharge Rate (litre/min)	0.045172
Soakage Rate (litre/m2/min)	0.012766
BRE Soil Infiltration Rate (m/sec)	2.13E-07

Comments: Water level fell to 50% -- 25% max water depth, calculations were based on actual fall of water level
 Result not compliant with BRE365 requirement since water did not fall to 25% max water depth.

Client: BDW Trading Ltd
 Site: New Place Farm, Pulborough
 Tested By:
 Test Date: 12/08/25

Author

Rory Macdonald
 Signature
 Date 28/11/2025

Reviewer

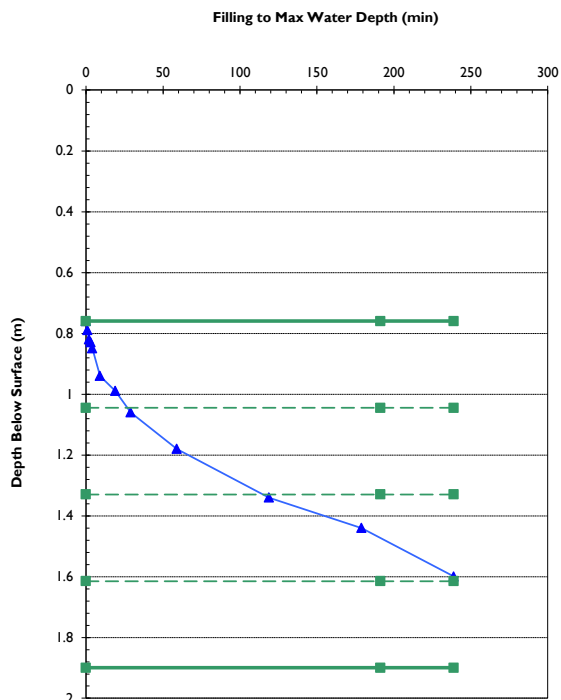
Tim Thorpe
 Signature
 Date 28/11/2025

Revision control sheet

Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
Test Hole No: SA402
Test No: Test No 1
NGR TQ056193



Pit Length (m)	1.7
Pit Width (m)	0.6
Depth to Pit Base (m)	1.9
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.75
Void Assumed for Granular Fill (%)	35%
Depth of Water at Start of Test (m)	0.76
Max Water Dropdown during Test (m)	0.84
Total Soakage Test Time (min)	239
Mean Internal Discharge Area (m2)	3.6765
Discharge Rate (litre/min)	0.93397
Soakage Rate (litre/m2/min)	0.254038
BRE Soil Infiltration Rate (m/sec)	4.23E-06

Comments: Water level fell to 50% -- 25% max water depth, calculations were based on actual fall of water level
Result not compliant with BRE365 requirement since water did not fall to 25% max water depth.

Client: BDW Trading Ltd
Site: New Place Farm, Pulborough
Tested By:
Test Date: 12/08/25

Author

Rory Macdonald
Signature
Rory Macdonald
Date
28/11/2025

Reviewer

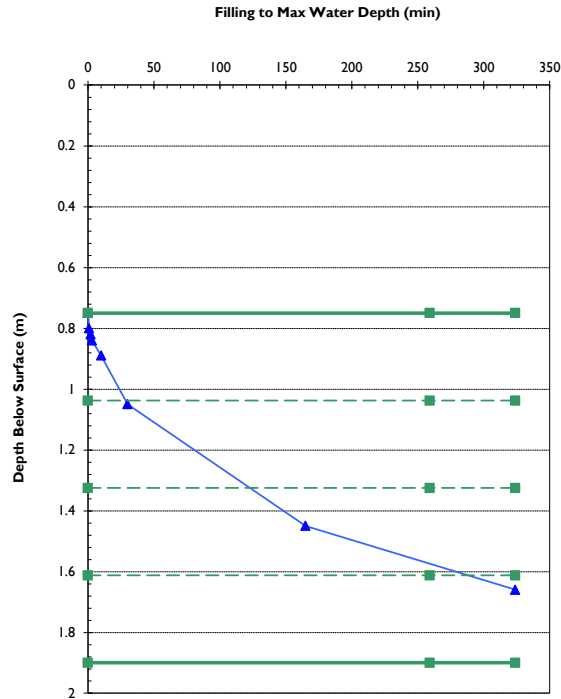
Tim Thorpe
Signature
Tim Thorpe
Date
28/11/2025

Revision control sheet

Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
Test Hole No: SA402
Test No: Test No 2
NGR TQ056193



Pit Length (m)	1.7
Pit Width (m)	0.6
Depth to Pit Base (m)	1.9
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.75
Void Assumed for Granular Fill (%)	35%

Depth of Water at Start of Test (m)	0.75
Max Water Dropdown during Test (m)	0.91
Total Soakage Test Time (min)	324
Mean Internal Discharge Area (m2)	3.665
Discharge Rate (litre/min)	0.790741
Soakage Rate (litre/m2/min)	0.215755

BRE Soil Infiltration Rate (m/sec) 3.6E-06

Comments:
Pit was nearly emptied at finish of test.

Client: BDW Trading Ltd
Site: New Place Farm, Pulborough
Tested By:
Test Date: 13/08/25

Author

Rory Macdonald
Signature
Rory Macdonald
Date
28/11/2025

Reviewer

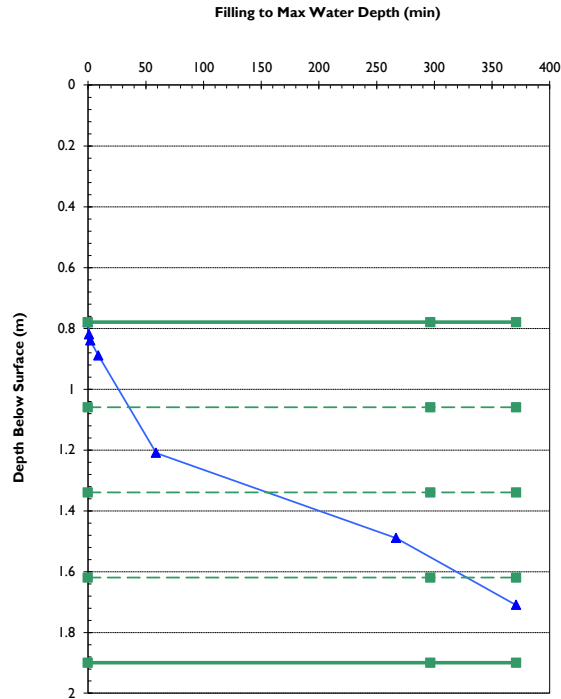
Tim Thorpe
Signature
Tim Thorpe
Date
28/11/2025

Revision control sheet

Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
 Test Hole No: SA402
 Test No: Test No 3
 NGR TQ056193



Pit Length (m)	1.7
Pit Width (m)	0.6
Depth to Pit Base (m)	1.9
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.75
Void Assumed for Granular Fill (%)	35%

Depth of Water at Start of Test (m)	0.78
Max Water Dropdown during Test (m)	0.93
Total Soakage Test Time (min)	371
Mean Internal Discharge Area (m ²)	3.596
Discharge Rate (litre/min)	0.682572
Soakage Rate (litre/m ² /min)	0.189814

BRE Soil Infiltration Rate (m/sec) 3.16E-06

Comments:
 Pit was nearly emptied at finish of test.

Client: BDW Trading Ltd
 Site: New Place Farm, Pulborough
 Tested By:
 Test Date: 14/08/25

Author

Rory Macdonald
 Signature
 Date 28/11/2025

Reviewer

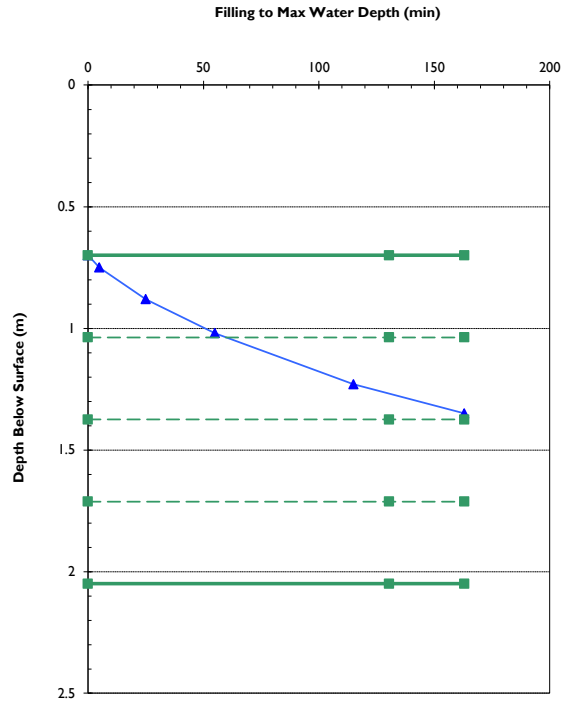
Tim Thorpe
 Signature
 Date 28/11/2025

Revision control sheet

Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
Test Hole No: SA403
Test No: Test No 1
NGR TQ056193



Pit Length (m)	1.7
Pit Width (m)	0.6
Depth to Pit Base (m)	2.05
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.7
Void Assumed for Granular Fill (%)	35%

Depth of Water at Start of Test (m)	0.7
Max Water Dropdown during Test (m)	0.65
Total Soakage Test Time (min)	163
Mean Internal Discharge Area (m ²)	4.95875
Discharge Rate (litre/min)	1.083131
Soakage Rate (litre/m ² /min)	0.218428

BRE Soil Infiltration Rate (m/sec) 3.64E-06

Comments: Water level fell to 75% -- 50% max water depth, calculations were based on actual fall of water level
Result not compliant with BRE365 requirement since water did not fall to 25% max water depth.

Client: BDW Trading Ltd
Site: New Place Farm, Pulborough
Tested By:
Test Date: 13/08/25

Author

Rory Macdonald
Signature
Rory Macdonald
Date
28/11/2025

Reviewer

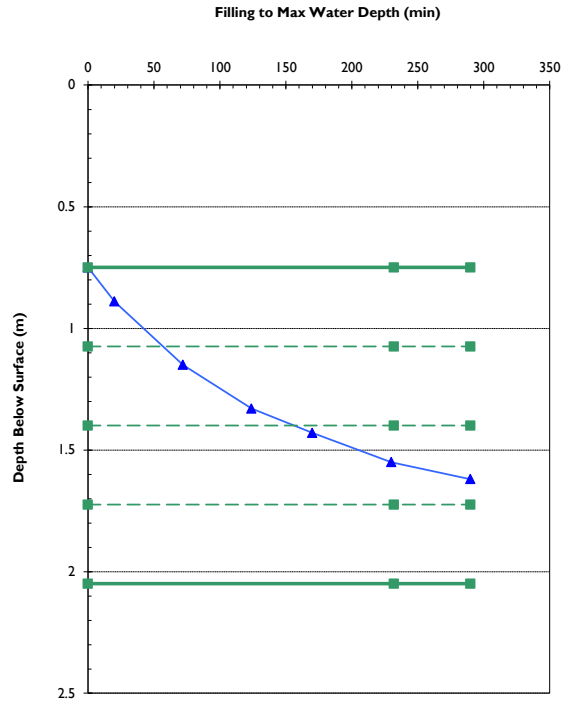
Tim Thorpe
Signature
Tim Thorpe
Date
28/11/2025

Revision control sheet

Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
 Test Hole No: SA403
 Test No: Test No 2
 NGR TQ056193



Pit Length (m)	1.7
Pit Width (m)	0.6
Depth to Pit Base (m)	2.05
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.7
Void Assumed for Granular Fill (%)	35%
Depth of Water at Start of Test (m)	0.75
Max Water Dropdown during Test (m)	0.87
Total Soakage Test Time (min)	290
Mean Internal Discharge Area (m2)	4.2515
Discharge Rate (litre/min)	0.835043
Soakage Rate (litre/m2/min)	0.196411
BRE Soil Infiltration Rate (m/sec)	3.27E-06

Comments: Water level fell to 50% -- 25% max water depth, calculations were based on actual fall of water level
 Result not compliant with BRE365 requirement since water did not fall to 25% max water depth.

Client: BDW Trading Ltd
 Site: New Place Farm, Pulborough
 Tested By:
 Test Date: 14/08/25

Author
 Rory Macdonald
 Signature

 Date
 28/11/2025

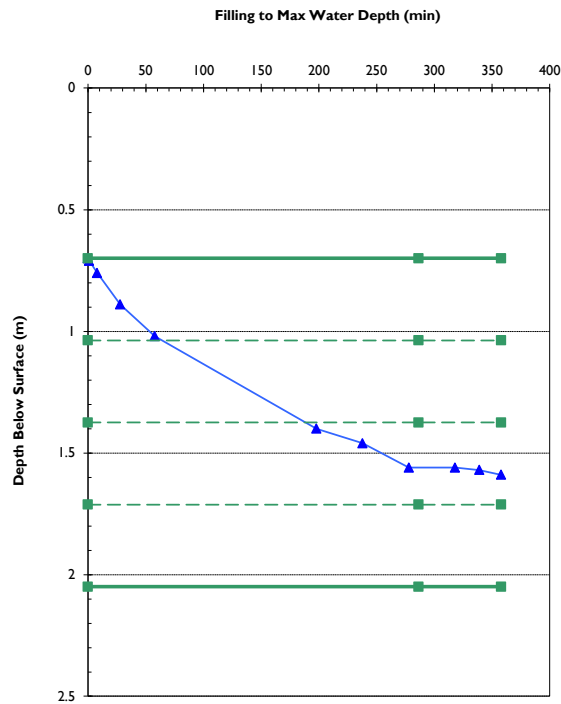
Reviewer
 Tim Thorpe
 Signature

 Date
 28/11/2025

Revision control sheet				
Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
 Test Hole No: SA403
 Test No: Test No 3
 NGR TQ056193



Pit Length (m)	1.7
Pit Width (m)	0.6
Depth to Pit Base (m)	2.05
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.7
Void Assumed for Granular Fill (%)	35%

Depth of Water at Start of Test (m)	0.7
Max Water Dropdown during Test (m)	0.89
Total Soakage Test Time (min)	358
Mean Internal Discharge Area (m2)	4.40675
Discharge Rate (litre/min)	0.671915
Soakage Rate (litre/m2/min)	0.152474

BRE Soil Infiltration Rate (m/sec) 2.54E-06

Comments: Water level fell to 50% -- 25% max water depth, calculations were based on actual fall of water level
 Result not compliant with BRE365 requirement since water did not fall to 25% max water depth.

Client: BDW Trading Ltd
 Site: New Place Farm, Pulborough
 Tested By:
 Test Date: 15/08/25

Author

Rory Macdonald
 Signature
 Date 28/11/2025

Reviewer

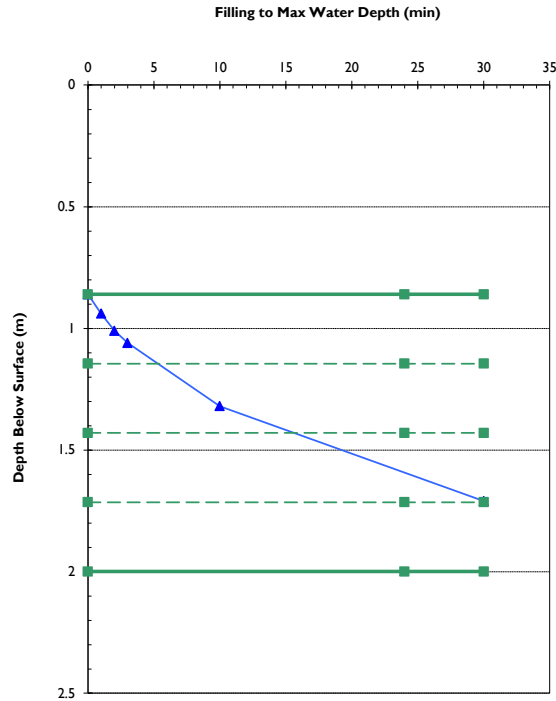
Tim Thorpe
 Signature
 Date 28/11/2025

Revision control sheet

Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
Test Hole No: SA404
Test No: Test No 1
NGR TQ056193



Pit Length (m)	1.7
Pit Width (m)	0.6
Depth to Pit Base (m)	2
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.45
Void Assumed for Granular Fill (%)	35%

Depth of Water at Start of Test (m)	0.86
Max Water Dropdown during Test (m)	0.85
Total Soakage Test Time (min)	30
Mean Internal Discharge Area (m ²)	3.6535
Discharge Rate (litre/min)	8.162381
Soakage Rate (litre/m ² /min)	2.234127

BRE Soil Infiltration Rate (m/sec)	3.72E-05
------------------------------------	----------

Comments: Water level fell to 50% -- 25% max water depth, calculations were based on actual fall of water level
Result not compliant with BRE365 requirement since water did not fall to 25% max water depth.

Client:	BDW Trading Ltd
Site:	New Place Farm, Pulborough
Tested By:	
Test Date:	13/08/25

Author

Rory Macdonald

Signature

Date

28/11/2025

Reviewer

Tim Thorpe

Signature

Date

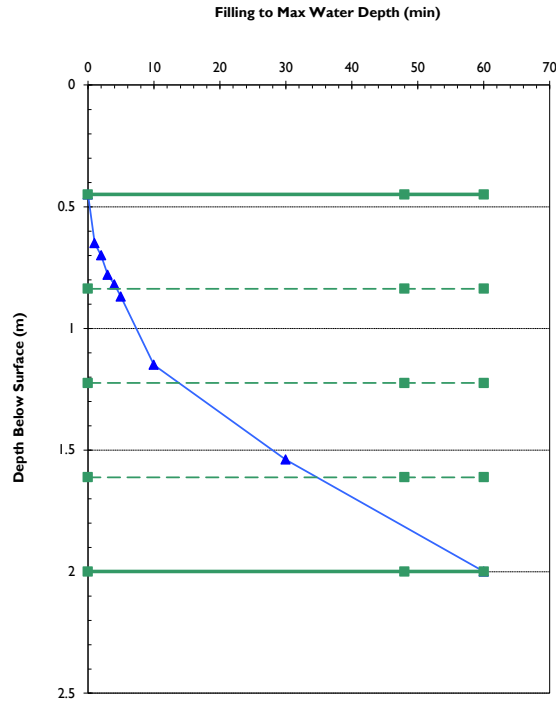
28/11/2025

Revision control sheet

Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
 Test Hole No: SA404
 Test No: Test No 2
 NGR TQ056193



Pit Length (m)	1.7
Pit Width (m)	0.6
Depth to Pit Base (m)	2
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.45
Void Assumed for Granular Fill (%)	35%

Depth of Water at Start of Test (m)	0.45
Max Water Dropdown during Test (m)	1.55
Total Soakage Test Time (min)	60
Mean Internal Discharge Area (m ²)	4.585
Discharge Rate (litre/min)	9.107664
Soakage Rate (litre/m ² /min)	1.986404

BRE Soil Infiltration Rate (m/sec)	3.31E-05
------------------------------------	----------

Comments:
 Pit was emptied at finish of test.

Client:	BDW Trading Ltd
Site:	New Place Farm, Pulborough
Tested By:	
Test Date:	13/08/25

Author

Rory Macdonald

Signature

Date

28/11/2025

Reviewer

Tim Thorpe

Signature

Date

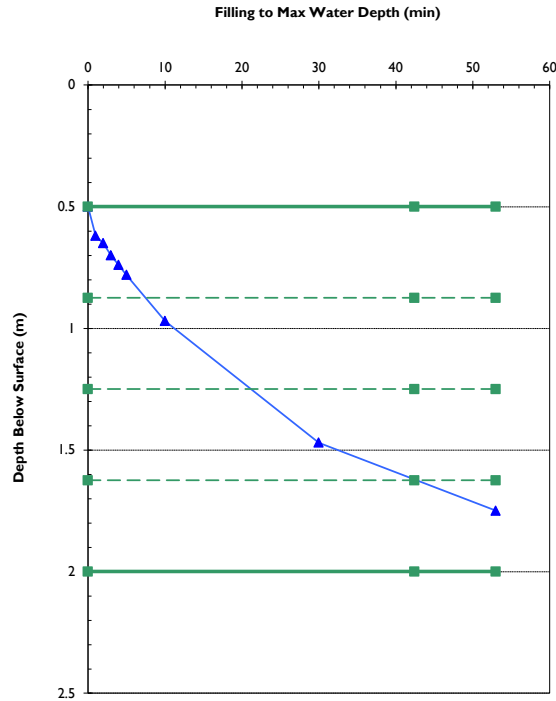
28/11/2025

Revision control sheet

Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
Test Hole No: SA404
Test No: Test No 3
NGR TQ056193



Pit Length (m)	1.7
Pit Width (m)	0.6
Depth to Pit Base (m)	2
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.45
Void Assumed for Granular Fill (%)	35%

Depth of Water at Start of Test (m)	0.5
Max Water Dropdown during Test (m)	1.25
Total Soakage Test Time (min)	53
Mean Internal Discharge Area (m ²)	4.47
Discharge Rate (litre/min)	7.599595
Soakage Rate (litre/m ² /min)	1.700133

BRE Soil Infiltration Rate (m/sec)	2.83E-05
------------------------------------	----------

Comments:
Pit was nearly emptied at finish of test.

Client:	BDW Trading Ltd
Site:	New Place Farm, Pulborough
Tested By:	
Test Date:	13/08/25

Author

Rory Macdonald
Signature
Rory Macdonald
Date
28/11/2025

Reviewer

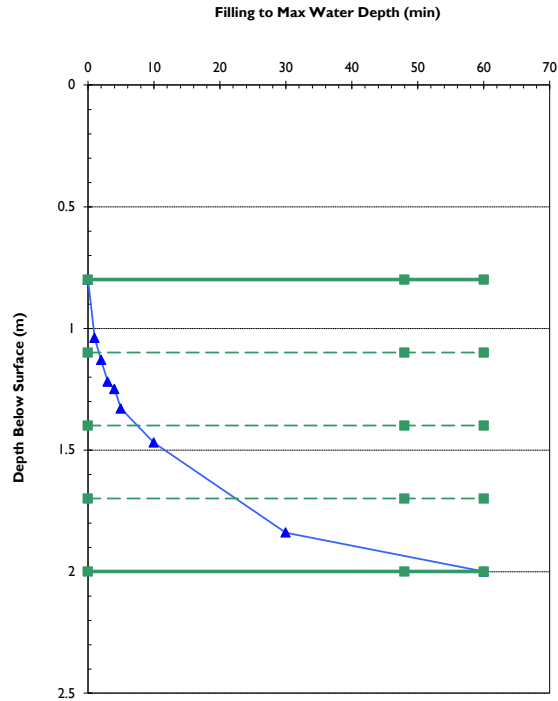
Tim Thorpe
Signature
Tim Thorpe
Date
28/11/2025

Revision control sheet

Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
 Test Hole No: SA405
 Test No: Test No 1
 NGR TQ056193



Pit Length (m)	1.8
Pit Width (m)	0.7
Depth to Pit Base (m)	2
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.7
Void Assumed for Granular Fill (%)	35%
Depth of Water at Start of Test (m)	0.8
Max Water Dropdown during Test (m)	1.2
Total Soakage Test Time (min)	60
Mean Internal Discharge Area (m2)	4.26
Discharge Rate (litre/min)	12.74213
Soakage Rate (litre/m2/min)	2.991109
BRE Soil Infiltration Rate (m/sec)	4.99E-05

Comments:
 Pit was emptied at finish of test.

Client: BDW Trading Ltd
 Site: New Place Farm, Pulborough
 Tested By:
 Test Date: 13/08/25

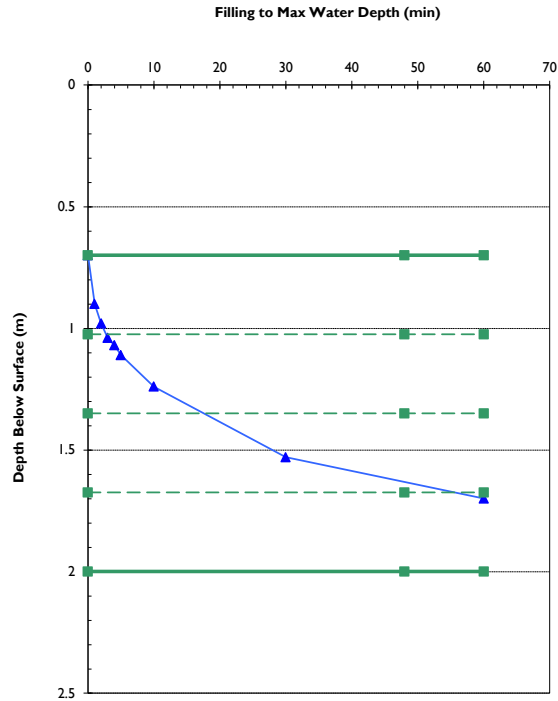
Author
 Rory Macdonald
 Signature
 Date 28/11/2025

Reviewer
 Tim Thorpe
 Signature
 Date 28/11/2025

Revision control sheet				
Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
Test Hole No: SA405
Test No: Test No 2
NGR TQ056193



Pit Length (m)	1.8
Pit Width (m)	0.7
Depth to Pit Base (m)	2
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.7
Void Assumed for Granular Fill (%)	35%

Depth of Water at Start of Test (m)	0.7
Max Water Dropdown during Test (m)	1
Total Soakage Test Time (min)	60
Mean Internal Discharge Area (m ²)	4.51
Discharge Rate (litre/min)	5.425049
Soakage Rate (litre/m ² /min)	1.202893

BRE Soil Infiltration Rate (m/sec)	2E-05
------------------------------------	-------

Comments:
Pit was nearly emptied at finish of test.

Client:	BDW Trading Ltd
Site:	New Place Farm, Pulborough
Tested By:	
Test Date:	13/08/25

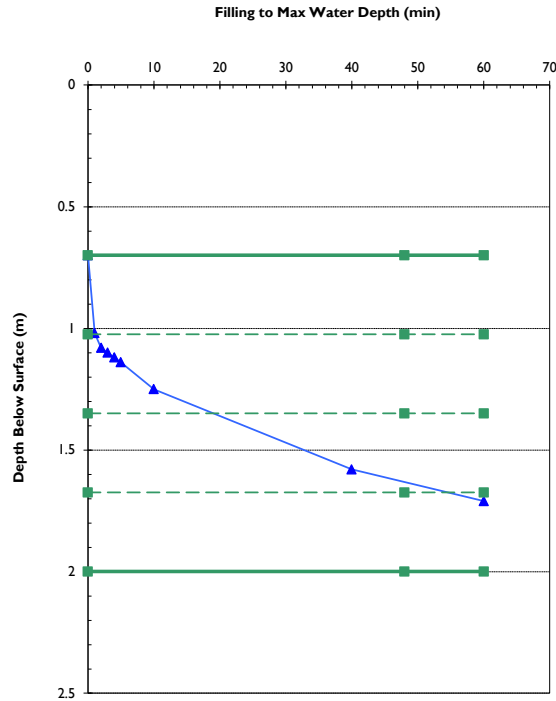
Author
Rory Macdonald
Signature
Rory Macdonald
Date
28/11/2025

Reviewer
Tim Thorpe
Signature
Tim Thorpe
Date
28/11/2025

Revision control sheet				
Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
Test Hole No: SA405
Test No: Test No 3
NGR TQ056193



Pit Length (m)	1.8
Pit Width (m)	0.7
Depth to Pit Base (m)	2
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.7
Void Assumed for Granular Fill (%)	35%

Depth of Water at Start of Test (m)	0.7
Max Water Dropdown during Test (m)	1.01
Total Soakage Test Time (min)	60
Mean Internal Discharge Area (m ²)	4.51
Discharge Rate (litre/min)	5.354736
Soakage Rate (litre/m ² /min)	1.187303

BRE Soil Infiltration Rate (m/sec)	1.98E-05
------------------------------------	----------

Comments:
Pit was nearly emptied at finish of test.

Client:	BDW Trading Ltd
Site:	New Place Farm, Pulborough
Tested By:	
Test Date:	13/08/25

Author

Rory Macdonald
Signature
Rory Macdonald
Date
28/11/2025

Reviewer

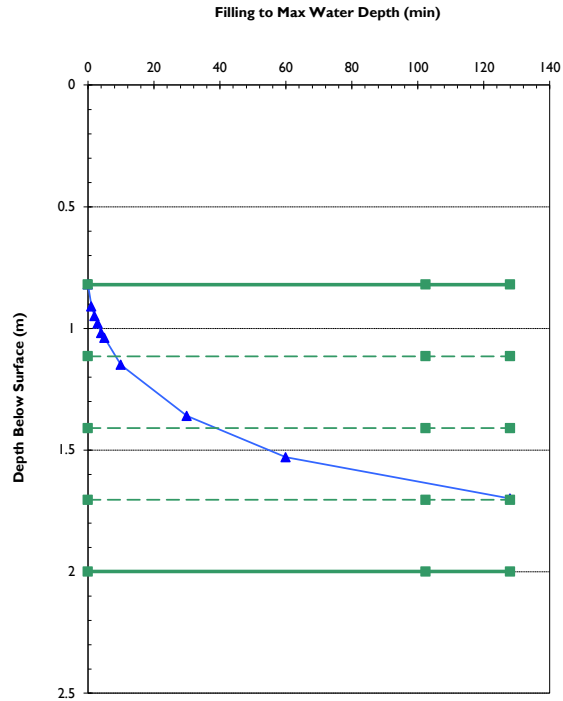
Tim Thorpe
Signature
Tim Thorpe
Date
28/11/2025

Revision control sheet

Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
 Test Hole No: SA406
 Test No: Test No 1
 NGR TQ056193



Pit Length (m)	1.8
Pit Width (m)	0.7
Depth to Pit Base (m)	2
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.7
Void Assumed for Granular Fill (%)	35%
Depth of Water at Start of Test (m)	0.82
Max Water Dropdown during Test (m)	0.88
Total Soakage Test Time (min)	128
Mean Internal Discharge Area (m2)	4.2225
Discharge Rate (litre/min)	2.157229
Soakage Rate (litre/m2/min)	0.510889
BRE Soil Infiltration Rate (m/sec)	8.51E-06

Comments: Water level fell to 50% -- 25% max water depth, calculations were based on actual fall of water level
 Result not compliant with BRE365 requirement since water did not fall to 25% max water depth.

Client: BDW Trading Ltd
 Site: New Place Farm, Pulborough
 Tested By:
 Test Date: 13/08/25

Author

Rory Macdonald
 Signature
 Date 28/11/2025

Reviewer

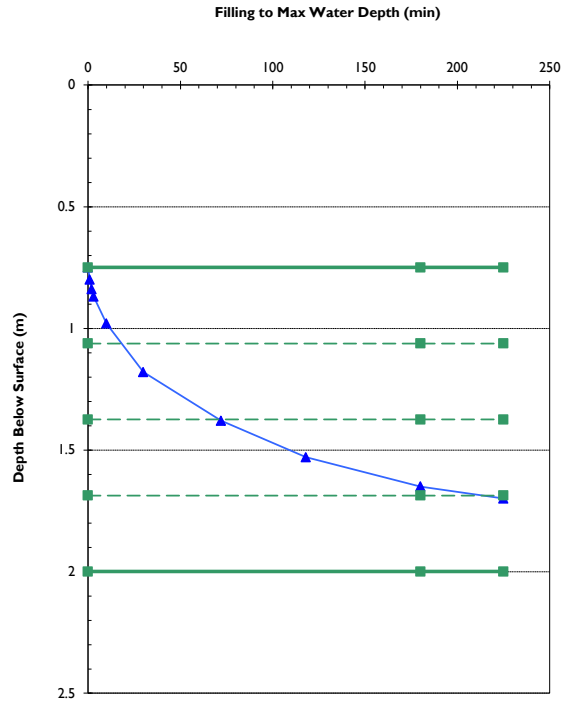
Tim Thorpe
 Signature
 Date 28/11/2025

Revision control sheet

Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
Test Hole No: SA406
Test No: Test No 2
NGR TQ056193



Pit Length (m)	1.8
Pit Width (m)	0.7
Depth to Pit Base (m)	2
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.7
Void Assumed for Granular Fill (%)	35%

Depth of Water at Start of Test (m)	0.75
Max Water Dropdown during Test (m)	0.95
Total Soakage Test Time (min)	225
Mean Internal Discharge Area (m ²)	4.385
Discharge Rate (litre/min)	1.409847
Soakage Rate (litre/m ² /min)	0.321516

BRE Soil Infiltration Rate (m/sec)	5.36E-06
------------------------------------	----------

Comments:
Pit was nearly emptied at finish of test.

Client:	BDW Trading Ltd
Site:	New Place Farm, Pulborough
Tested By:	
Test Date:	14/08/25

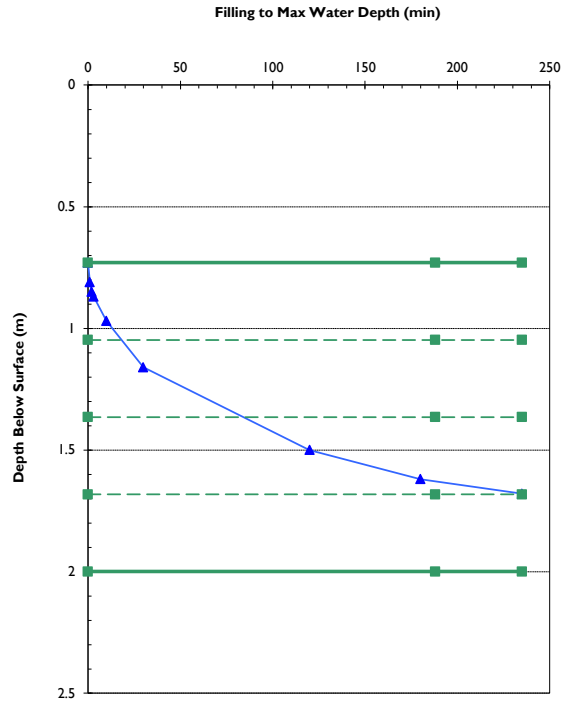
Author
Rory Macdonald
Signature
Rory Macdonald
Date
28/11/2025

Reviewer
Tim Thorpe
Signature
Tim Thorpe
Date
28/11/2025

Revision control sheet				
Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
 Test Hole No: SA406
 Test No: Test No 3
 NGR TQ056193



Pit Length (m)	1.8
Pit Width (m)	0.7
Depth to Pit Base (m)	2
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.7
Void Assumed for Granular Fill (%)	35%

Depth of Water at Start of Test (m)	0.73
Max Water Dropdown during Test (m)	0.95
Total Soakage Test Time (min)	235
Mean Internal Discharge Area (m2)	4.44125
Discharge Rate (litre/min)	1.286339
Soakage Rate (litre/m2/min)	0.289634

BRE Soil Infiltration Rate (m/sec) 4.83E-06

Comments: Water level fell to 50% -- 25% max water depth, calculations were based on actual fall of water level
 Result not compliant with BRE365 requirement since water did not fall to 25% max water depth.

Client: BDW Trading Ltd
 Site: New Place Farm, Pulborough
 Tested By:
 Test Date: 15/08/25

Author

Rory Macdonald
 Signature
 Date 28/11/2025

Reviewer

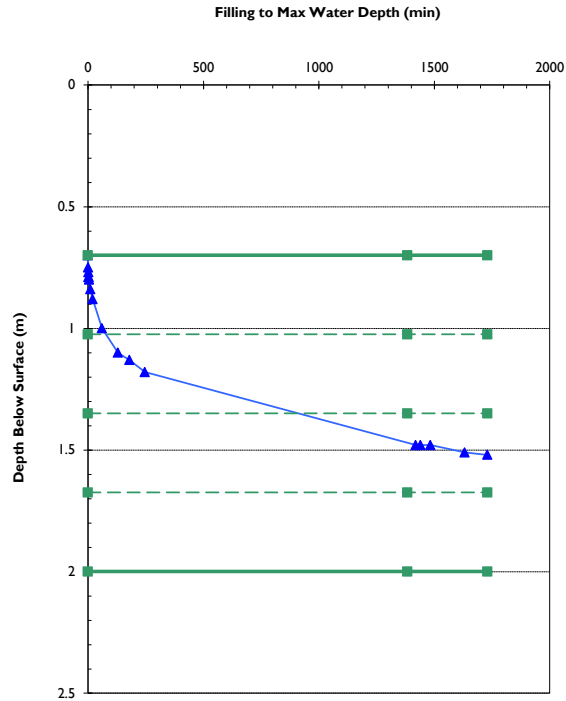
Tim Thorpe
 Signature
 Date 28/11/2025

Revision control sheet

Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
Test Hole No: SA407
Test No: Test No 1
NGR TQ056193



Pit Length (m)	2
Pit Width (m)	0.7
Depth to Pit Base (m)	2
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.7
Void Assumed for Granular Fill (%)	35%

Depth of Water at Start of Test (m)	0.7
Max Water Dropdown during Test (m)	0.82
Total Soakage Test Time (min)	1730
Mean Internal Discharge Area (m ²)	5.3285
Discharge Rate (litre/min)	0.146844
Soakage Rate (litre/m ² /min)	0.027558

BRE Soil Infiltration Rate (m/sec)	4.59E-07
------------------------------------	----------

Comments: Water level fell to 50% -- 25% max water depth, calculations were based on actual fall of water level
Result not compliant with BRE365 requirement since water did not fall to 25% max water depth.

Client:	BDW Trading Ltd
Site:	New Place Farm, Pulborough
Tested By:	
Test Date:	14/08/2025

Author

Rory Macdonald
Signature
Rory Macdonald
Date
28/11/2025

Reviewer

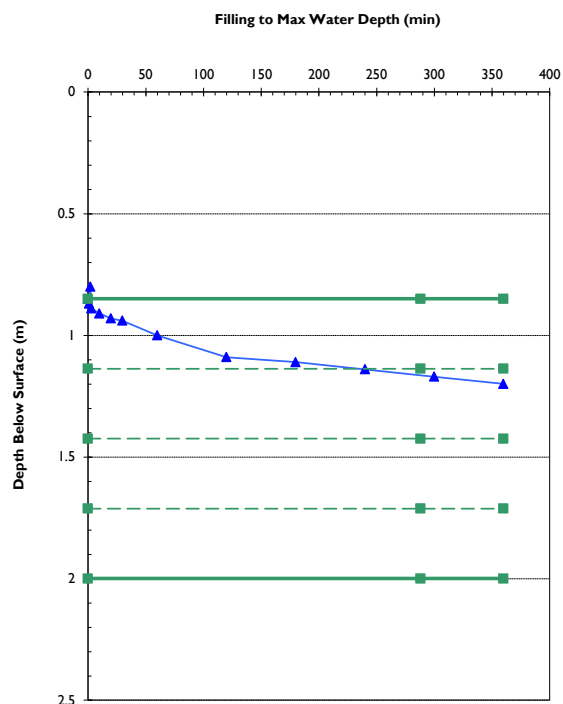
Tim Thorpe
Signature
Tim Thorpe
Date
28/11/2025

Revision control sheet

Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
 Test Hole No: SA407
 Test No: Test No 2
 NGR TQ056193



Pit Length (m)	2
Pit Width (m)	0.7
Depth to Pit Base (m)	2
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.7
Void Assumed for Granular Fill (%)	35%
Depth of Water at Start of Test (m)	0.85
Max Water Dropdown during Test (m)	0.35
Total Soakage Test Time (min)	360
Mean Internal Discharge Area (m2)	5.95625
Discharge Rate (litre/min)	0.245
Soakage Rate (litre/m2/min)	0.041133
BRE Soil Infiltration Rate (m/sec)	6.86E-07

Comments: Water level fell to 75% -- 50% max water depth, calculations were based on actual fall of water level
 Result not compliant with BRE365 requirement since water did not fall to 25% max water depth.

Client: BDW Trading Ltd
 Site: New Place Farm, Pulborough
 Tested By:
 Test Date: 18/08/25

Author

Rory Macdonald
 Signature
 Date 28/11/2025

Reviewer

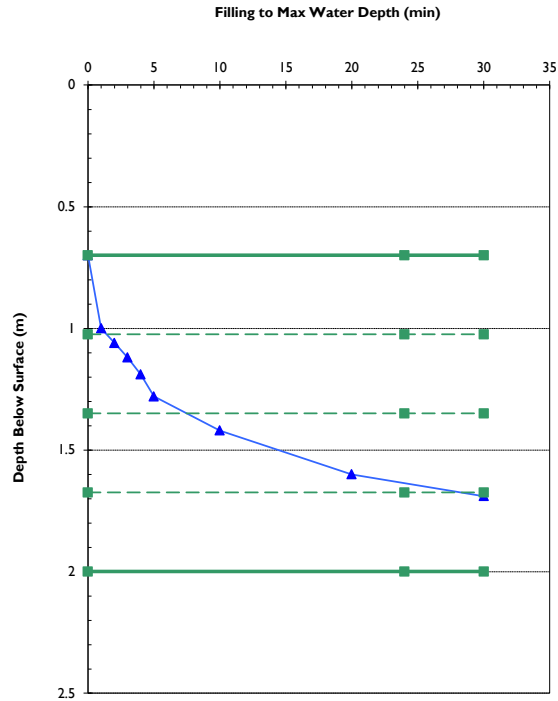
Tim Thorpe
 Signature
 Date 28/11/2025

Revision control sheet

Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
 Test Hole No: SA408
 Test No: Test No 1
 NGR TQ056193



Pit Length (m)	1.8
Pit Width (m)	0.7
Depth to Pit Base (m)	2
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.7
Void Assumed for Granular Fill (%)	35%

Depth of Water at Start of Test (m)	0.7
Max Water Dropdown during Test (m)	0.99
Total Soakage Test Time (min)	30
Mean Internal Discharge Area (m ²)	4.51
Discharge Rate (litre/min)	10.64954
Soakage Rate (litre/m ² /min)	2.361316

BRE Soil Infiltration Rate (m/sec)	3.94E-05
------------------------------------	----------

Comments:
 Pit was nearly emptied at finish of test.

Client:	BDW Trading Ltd
Site:	New Place Farm, Pulborough
Tested By:	
Test Date:	14/08/25

Author
 Rory Macdonald
 Signature

 Date
 28/11/2025

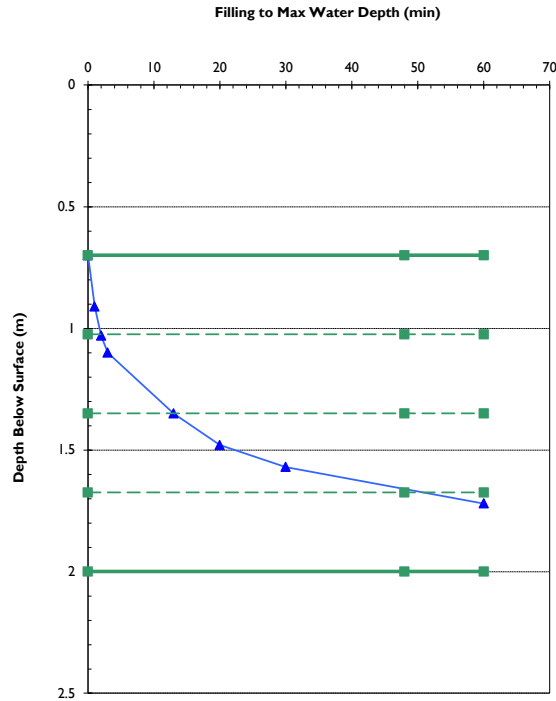
Reviewer
 Tim Thorpe
 Signature

 Date
 28/11/2025

Revision control sheet				
Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
 Test Hole No: SA408
 Test No: Test No 2
 NGR: TQ056193



Pit Length (m)	1.8
Pit Width (m)	0.7
Depth to Pit Base (m)	2
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.7
Void Assumed for Granular Fill (%)	35%

Depth of Water at Start of Test (m)	0.7
Max Water Dropdown during Test (m)	1.02
Total Soakage Test Time (min)	60
Mean Internal Discharge Area (m ²)	4.51
Discharge Rate (litre/min)	5.84503
Soakage Rate (litre/m ² /min)	1.296015

BRE Soil Infiltration Rate (m/sec)	2.16E-05
------------------------------------	----------

Comments:
 Pit was nearly emptied at finish of test.

Client:	BDW Trading Ltd
Site:	New Place Farm, Pulborough
Tested By:	
Test Date:	15/08/25

Author

Rory Macdonald

Signature

Date

28/11/2025

Reviewer

Tim Thorpe

Signature

Date

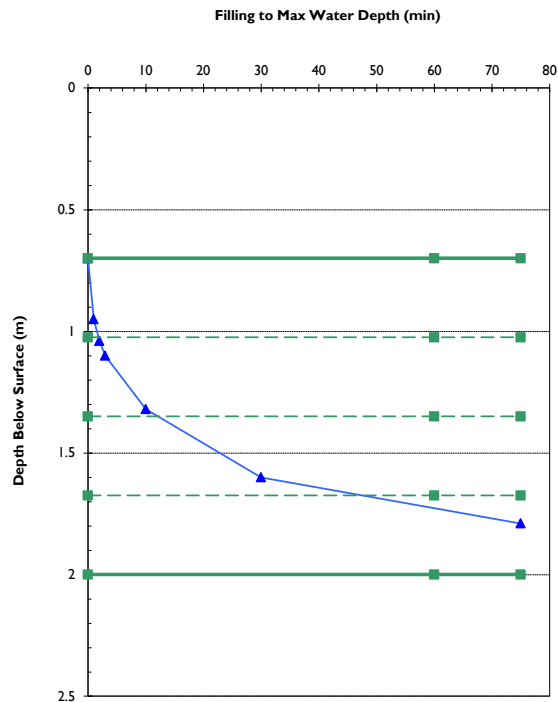
28/11/2025

Revision control sheet

Revision ref	Date	Reason for revision	Amended by	Approved by

BRE Digest 365 - Soakage Test

Project Ref: 3750966
 Test Hole No: SA408
 Test No: Test No 3
 NGR TQ056193



Pit Length (m)	1.8
Pit Width (m)	0.7
Depth to Pit Base (m)	2
Depth to Top of Permeable Soils (m)	
Depth to Groundwater Surface (m)	NA
Depth to Top of Granular Fill (m)	0.7
Void Assumed for Granular Fill (%)	35%

Depth of Water at Start of Test (m)	0.7
Max Water Dropdown during Test (m)	1.09
Total Soakage Test Time (min)	75
Mean Internal Discharge Area (m ²)	4.51
Discharge Rate (litre/min)	6.241043
Soakage Rate (litre/m ² /min)	1.383823

BRE Soil Infiltration Rate (m/sec)	2.31E-05
------------------------------------	----------

Comments:
 Pit was nearly emptied at finish of test.

Client:	BDW Trading Ltd
Site:	New Place Farm, Pulborough
Tested By:	
Test Date:	18/08/2015

Author
 Rory Macdonald
 Signature

 Date
 28/11/2025

Reviewer
 Tim Thorpe
 Signature

 Date
 28/11/2025

Revision control sheet				
Revision ref	Date	Reason for revision	Amended by	Approved by

APPENDIX F – GEOTECHNICAL LABORATORY TEST RESULTS

F.A.O. Rory Macdonald

Supplemental Test Report - 2282655 / 2

Site: New Place Farm
Job Number: 2282655
Originating Client: Leap Environmental
Originating Reference: 3750966
Date Sampled: 11/08/2025
Date Scheduled: 13/09/2025
Date Testing Started: 22/09/2025
Date Testing Finished: 07/10/2025

Previous Reports		Amendments	Date Issued
1	Final		08/10/2025

Amendments: 2 x MU's added

Authorised By:

Paul Cathcart
Laboratory Manager

Report Issue Date: 10/10/2025

Job Number: 2282655

Page: 2

Borehole / Trial Pit	Depth (m)	Sample	Natural Water Content %	Sample Preparation Natural = Hand picked Sieved = Washed on 425µm			Liquid Limit %	Plastic Limit %	Plasticity Index %	Liquidity Index	Class	One-point PI Only		Description / Remarks
				Natural / Sieved	Passing %	Calc. WC %						Cone Penetration (mm)	Correction Factor	
BH402	1.50	D27	23.9	Natural	100	24	36	20	16	0.25	CI			Brown sandy, silty CLAY
SA401	0.40	B118	16.9	Sieved	90	19		NP						Brown slightly gravelly, very sandy SILT

Results reported relate only to the samples tested.

Site: New Place Farm

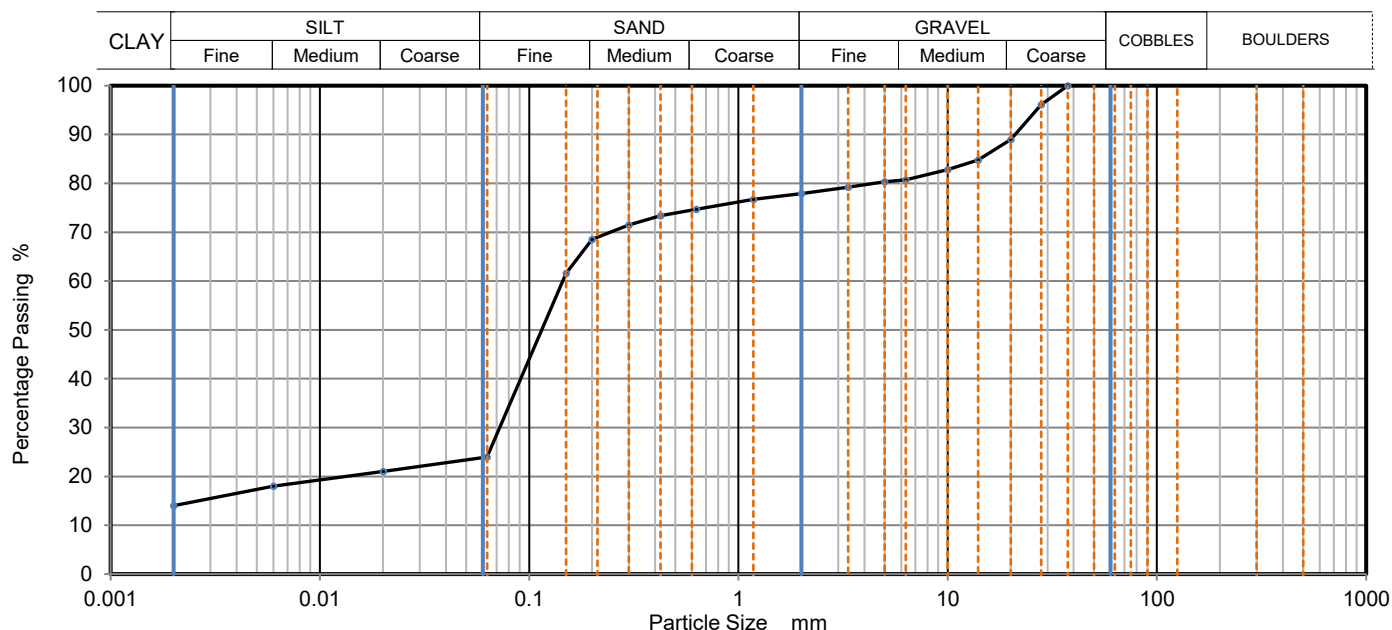
Job Number: 2282655

Client: Leap Environmental

Page: 3

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Trial Pit	Depth (m)	Sample	Testing Type	Description
SA407	1.00	B131	Wet Sieve + Pipette	Brown silty, clayey, gravelly SAND



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
		0.0201	21
		0.0060	18
		0.0020	14
37.5	100		
28	96		
20	89		
14	85		
10	83		
6.3	81		
5	80		
3.35	79		
2	78		
1.18	77		
0.63	75		
0.425	73		
0.3	72		
0.2	69		
0.15	62		
0.063	24		

Dry Mass of sample, g
3004

Sample Proportions	% dry mass
Very coarse	0
Gravel	22
Sand	54
Silt	10
Clay	14

Grading Analysis	
D100	mm
D60	mm
D30	mm
D10	mm
Uniformity Coefficient	
Curvature Coefficient	

Remarks

Preparation and testing in accordance with BS17892 unless noted below

Method of Preparation: BS EN 17892:Part4:2016, clause 5.2.2 Preparation of samples for wet sieving test
BS EN 17892:Part4:2016, clause 5.4.2 Preparation of samples for pipette test

Method of Test: BS EN 17892:Part4:2016, clause 5.2.3 Determination of particle size distribution by wet sieving method
BS EN 17892:Part4:2016, clause 5.4.3 Determination of sedimentation by pipette method


1464

Result reported relates only to the sample tested.

Site: New Place Farm

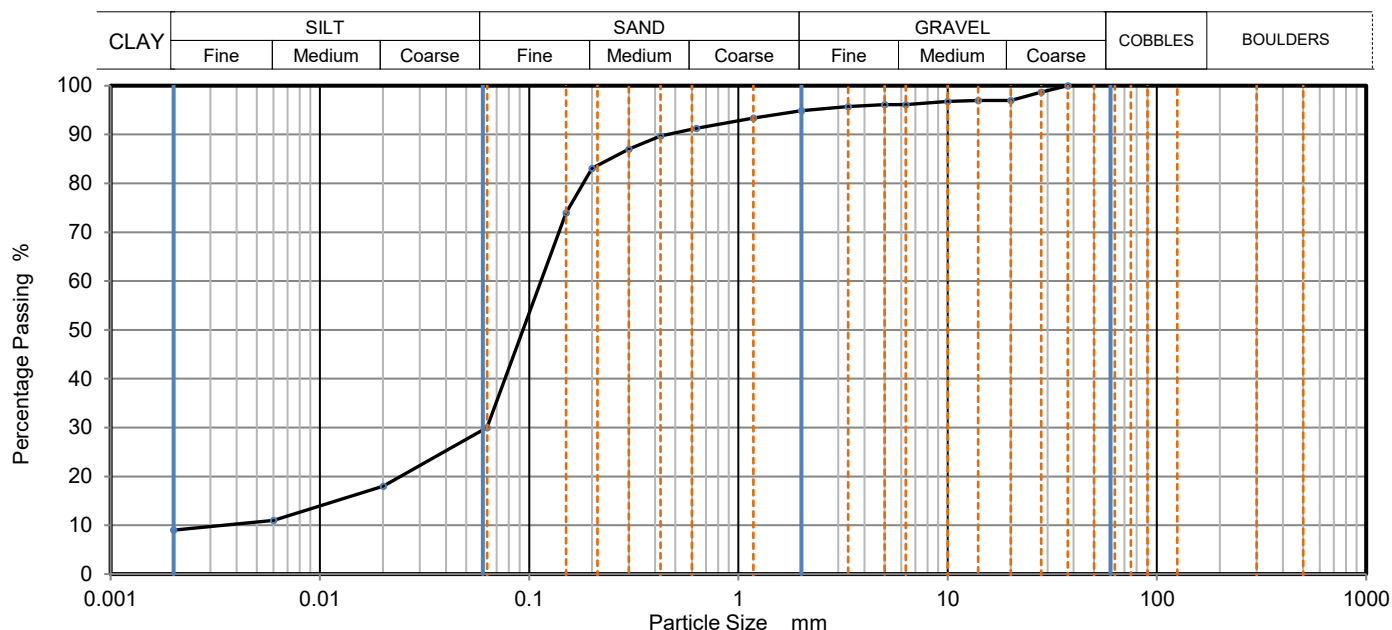
Job Number: 2282655

Client: Leap Environmental

Page: 4

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Trial Pit	Depth (m)	Sample	Testing Type	Description
TP408	1.80	B115	Wet Sieve + Pipette	Brown slightly gravelly, slightly clayey, silty SAND



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
		0.0201	18
		0.0060	11
		0.0020	9
37.5	100		
28	99		
20	97		
14	97		
10	97		
6.3	96		
5	96		
3.35	96		
2	95		
1.18	93		
0.63	91		
0.425	90		
0.3	87		
0.2	83		
0.15	74		
0.063	30		

Dry Mass of sample, g
2827

Sample Proportions	% dry mass
Very coarse	0
Gravel	5
Sand	65
Silt	22
Clay	9

Grading Analysis	
D100	mm 37.5
D60	mm 0.114
D30	mm 0.0628
D10	mm 0.0034
Uniformity Coefficient	33
Curvature Coefficient	10

Remarks

Preparation and testing in accordance with BS17892 unless noted below

Method of Preparation: BS EN 17892:Part4:2016, clause 5.2.2 Preparation of samples for wet sieving test
BS EN 17892:Part4:2016, clause 5.4.2 Preparation of samples for pipette test

Method of Test: BS EN 17892:Part4:2016, clause 5.2.3 Determination of particle size distribution by wet sieving method
BS EN 17892:Part4:2016, clause 5.4.3 Determination of sedimentation by pipette method


1464

Result reported relates only to the sample tested.

Site: New Place Farm

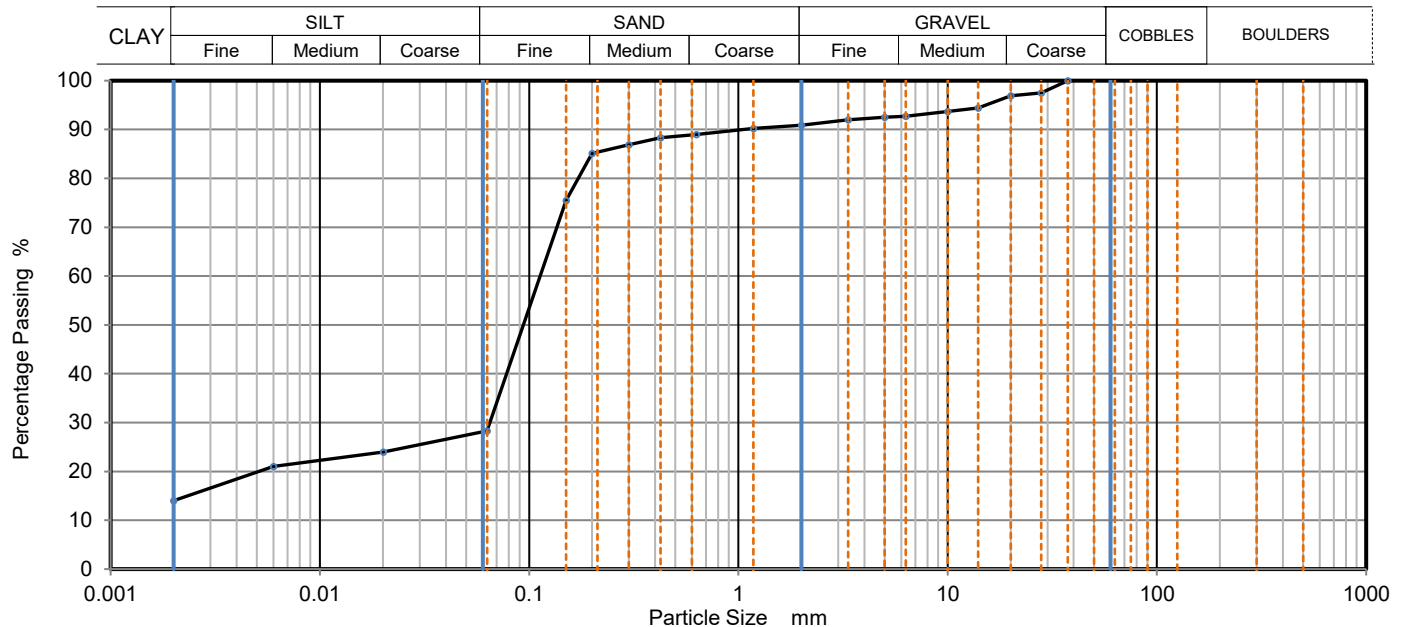
Job Number: 2282655

Client: Leap Environmental

Page: 5

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Trial Pit	Depth (m)	Sample	Testing Type	Description
TP413	1.80	B156	Wet Sieve + Pipette	Brown slightly gravelly, silty, clayey SAND



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
		0.0201	24
		0.0060	21
		0.0020	14
37.5	100		
28	98		
20	97		
14	94		
10	94		
6.3	93		
5	93		
3.35	92		
2	91		
1.18	90		
0.63	89		
0.425	88		
0.3	87		
0.2	85		
0.15	76		
0.063	28		

Dry Mass of sample, g
2514

Sample Proportions	% dry mass
Very coarse	0
Gravel	9
Sand	63
Silt	14
Clay	14

Grading Analysis		
D100	mm	37.5
D60	mm	0.113
D30	mm	0.065
D10	mm	
Uniformity Coefficient		
Curvature Coefficient		

Remarks

Preparation and testing in accordance with BS17892 unless noted below

Method of Preparation: BS EN 17892:Part4:2016, clause 5.2.2 Preparation of samples for wet sieving test
BS EN 17892:Part4:2016, clause 5.4.2 Preparation of samples for pipette test

Method of Test: BS EN 17892:Part4:2016, clause 5.2.3 Determination of particle size distribution by wet sieving method
BS EN 17892:Part4:2016, clause 5.4.3 Determination of sedimentation by pipette method

Result reported relates only to the sample tested.

Site: New Place Farm

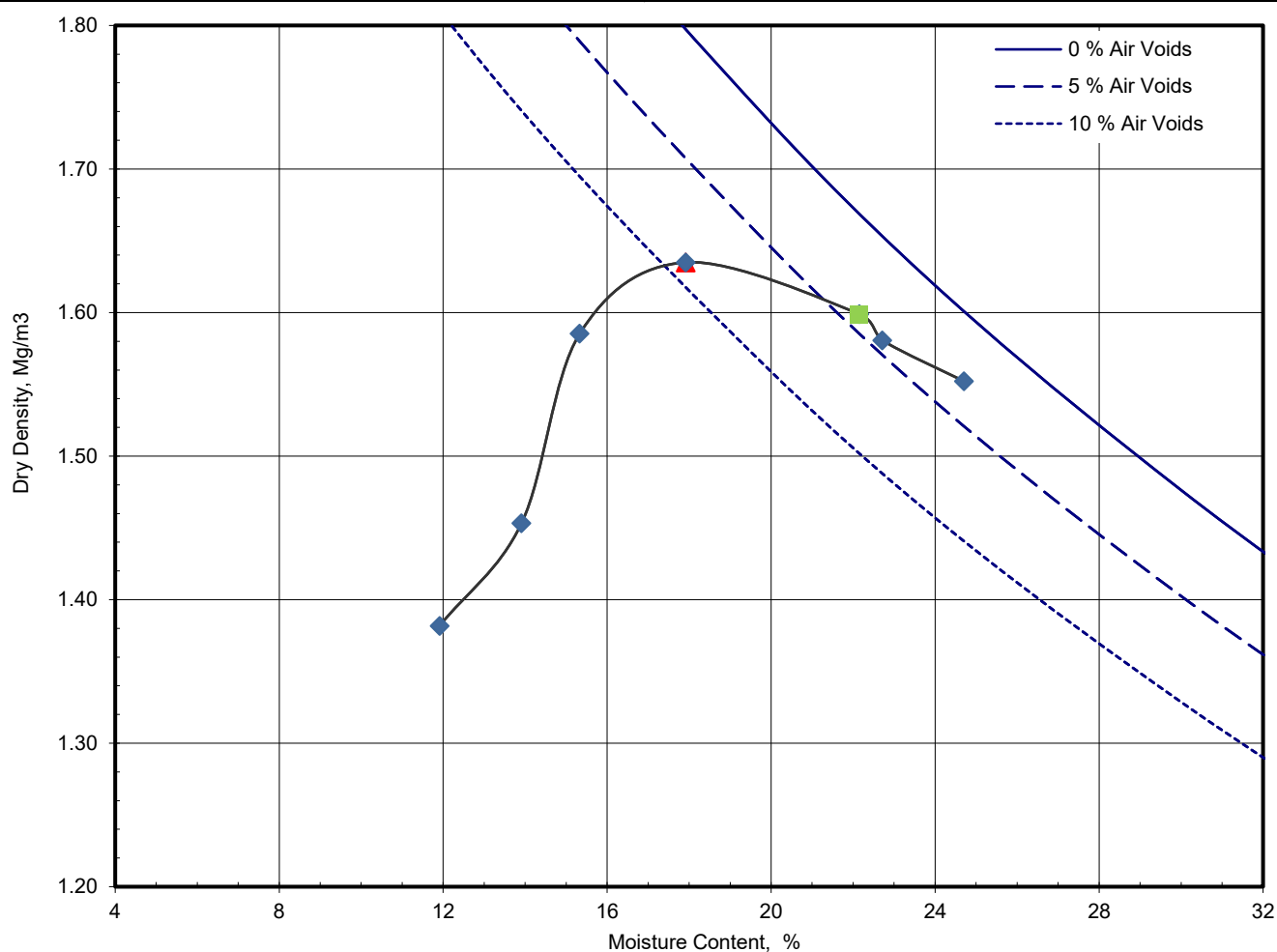
Job Number: 2282655

Client: Leap Environmental

Page: 6

DETERMINATION OF DRY DENSITY/WATER CONTENT RELATIONSHIP

Borehole / Trial Pit	Depth (m)	Sample	Description
TP403	0.70	B139	Brown slightly gravelly, silty SAND
Percentage Retained 37.5mm		0 %	
Percentage Retained 20.0mm		0 %	Samples Used Single sample tested
Grading Zone		1	Particle Density 2.65 Mg/m ³ Assumed
Mould Type		1 LITRE	Method of compaction Compaction using 2.5kg rammer
Maximum Dry Density		1.63 Mg/m³	Optimum Water Content 18 %



▲ : Maximum Dry Density vs. Optimum Water Content
■ : Point at Natural Moisture Content

Remarks:

Method of Preparation: BS 1377:Part 1:2016:8 Preparation of disturbed samples for testing
 BS 1377:Part 2:2022:11.2 Preparation of samples for compaction tests

Preparation Details: Material used was oven dried at 50°C. Single sample tested

Method of Test: BS1377:Part 2:2022, clause 11.3, 2.5kg rammer



1464

Result reported relates only to the sample tested.

Site: New Place Farm

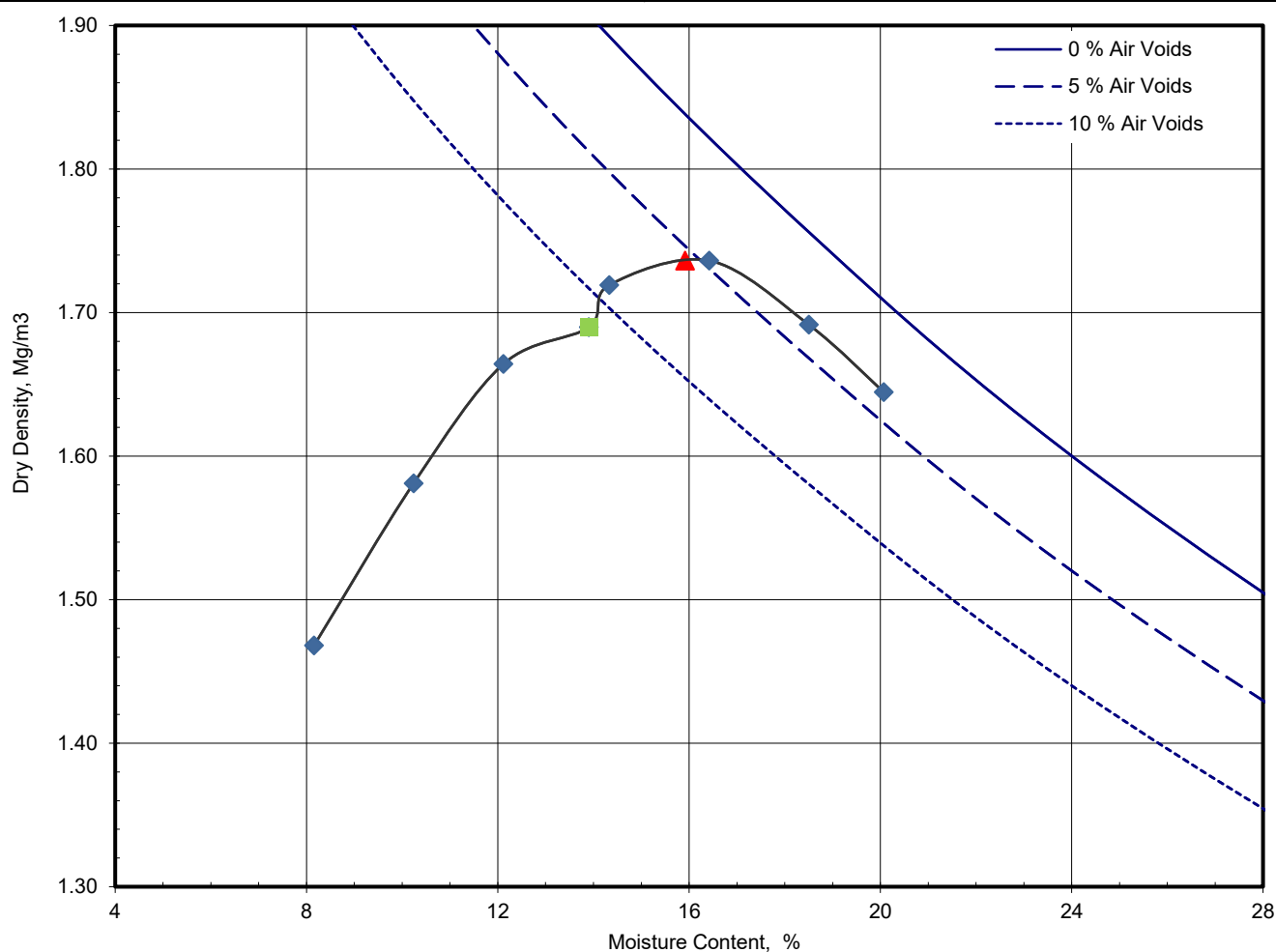
Job Number: 2282655

Client: Leap Environmental

Page: 7

DETERMINATION OF DRY DENSITY/WATER CONTENT RELATIONSHIP

Borehole / Trial Pit	Depth (m)	Sample	Description
TP407	0.85	B144	Brown gravelly SAND
Percentage Retained 37.5mm		7 %	
Percentage Retained 20.0mm		12 %	Samples Used Single sample tested
Grading Zone		5	Particle Density 2.6 Mg/m ³ Assumed
Mould Type		CBR	Method of compaction Compaction using 2.5kg rammer
Maximum Dry Density		1.74 Mg/m³	Optimum Water Content 16 %



▲ : Maximum Dry Density vs. Optimum Water Content
■ : Point at Natural Moisture Content

Remarks:

Method of Preparation: BS 1377:Part 1:2016:8 Preparation of disturbed samples for testing
 BS 1377:Part 2:2022:11.2 Preparation of samples for compaction tests

Preparation Details: Material used was oven dried at 50°C. Single sample tested

Method of Test: BS1377:Part 2:2022, clause 11.4, 2.5kg rammer



1464

Result reported relates only to the sample tested.

Site: New Place Farm

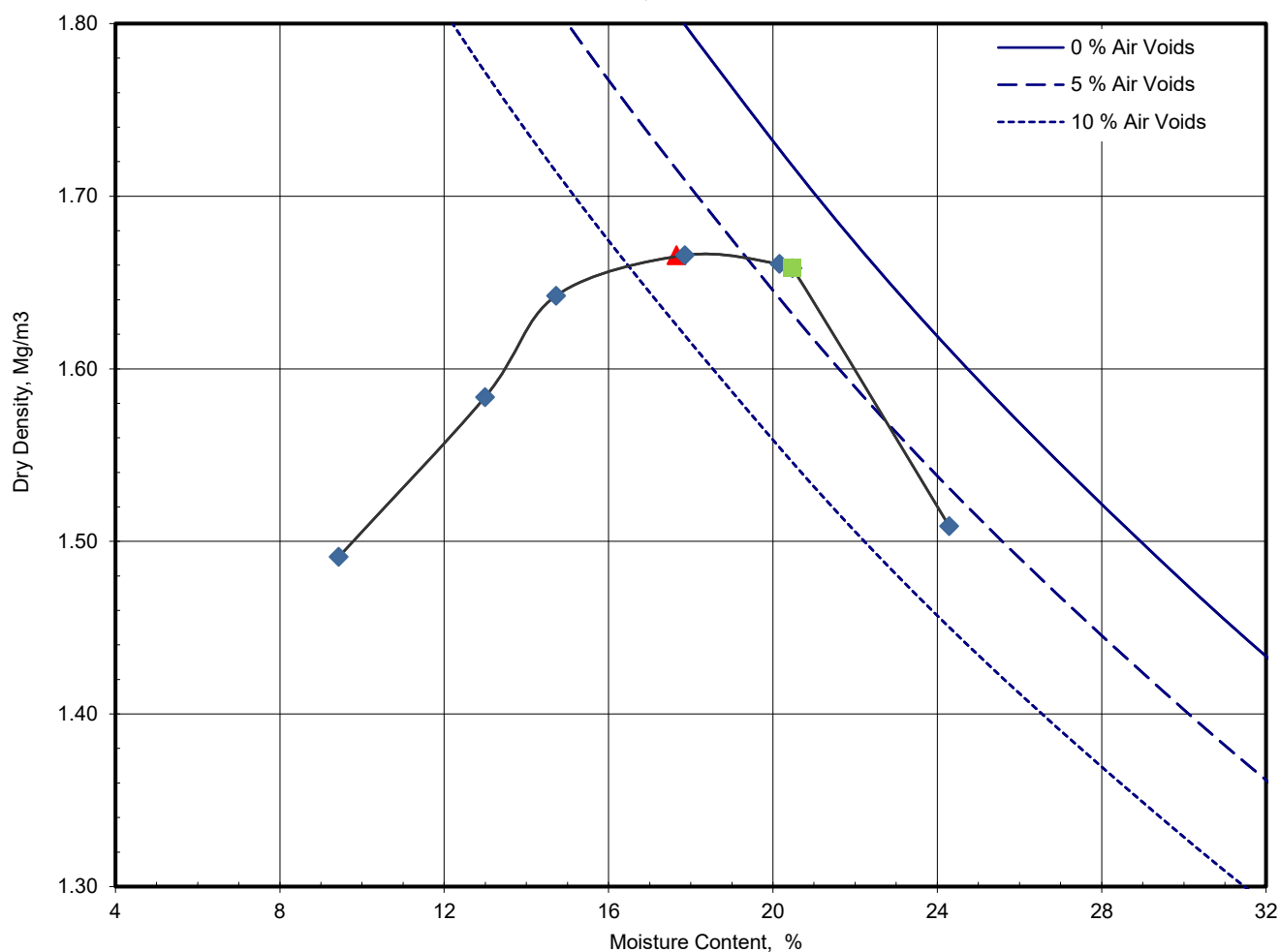
Job Number: 2282655

Client: Leap Environmental

Page: 8

DETERMINATION OF DRY DENSITY/WATER CONTENT RELATIONSHIP

Borehole / Trial Pit	Depth (m)	Sample	Description
TP418	1.10	B164	Brown gravelly, very silty SAND
Percentage Retained 37.5mm		0 %	
Percentage Retained 20.0mm		0 %	Samples Used Single sample tested
Grading Zone		1	Particle Density 2.65 Mg/m ³ Assumed
Mould Type		1 LITRE	Method of compaction Compaction using 2.5kg rammer
Maximum Dry Density		1.67 Mg/m³	Optimum Water Content 18 %



 : Maximum Dry Density vs. Optimum Water Content
 : Point at Natural Moisture Content

Remarks:

Method of Preparation: BS 1377:Part 1:2016:8 Preparation of disturbed samples for testing
 BS 1377:Part 2:2022:11.2 Preparation of samples for compaction tests

Preparation Details: Material used was oven dried at 50°C. Single sample tested

Method of Test: BS1377:Part 2:2022, clause 11.3, 2.5kg rammer



1464

Result reported relates only to the sample tested.

Site: New Place Farm
Client: Leap Environmental

Job Number: 2282655

Page: 9

Determination of California Bearing Ratio (CBR)

Borehole / Trial Pit	Depth (m)	Sample	% Passing 20mm Sieve	Description
TP404	0.70	B65	97.70%	Brown slightly gravelly, silty SAND

Specimen Preparation

Condition
Details

Recompacted with specified standard effort using 2.5kg rammer

Soaking details

Period of soaking

Soaked

5 days

Time to surface

N/A days

Amount of swell recorded

0.16 mm

Dry density after soaking

1.66 Mg/m3

Initial Specimen details

Bulk density

2.00 Mg/m3

Dry density

1.67 Mg/m3

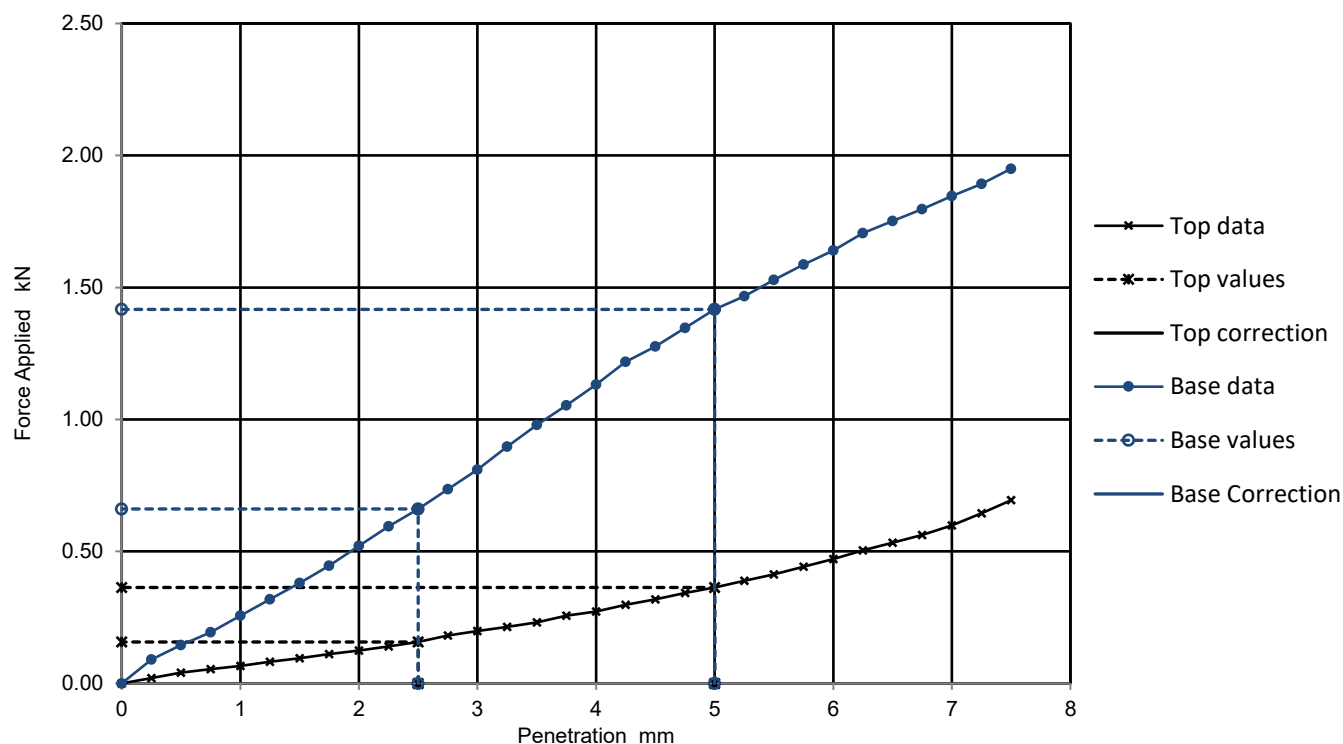
Water content

20.1 %

Surcharge applied

4.2 kg

3 kPa

Force v Penetration Plots


RESULTS

	Curve correction applied	CBR Values, %			
		2.5mm	5mm	Highest	Average
TOP	No	1.2	1.8	1.8	
BASE	No	5.0	7.1	7.1	

Water Content %
22.2
19.7

Approved
Paul Cathcart

Method of Preparation: BS1377 : Part 2 : 2022, clause 15.2, Recompacted with specified standard effort using 2.5kg rammer

Method of Test: BS1377 : Part 2 : 2022, clause 15.3, Soaking Procedure

BS1377 : Part 2 : 2022, clause 15.4, Penetration test procedure to determine California Bearing Ratio (CBR)

Remarks:

Result reported relates only to the sample tested.

Site: New Place Farm

Job Number: 2282655

Client: Leap Environmental

Page: 10

Determination of California Bearing Ratio (CBR)

Borehole / Trial Pit	Depth (m)	Sample	% Passing 20mm Sieve	Description
TP405	0.80	B140	94.40%	Brown slightly gravelly, very sandy, very silty CLAY

Specimen Preparation

Condition
Details

Recompacted with specified standard effort using 2.5kg rammer

Soaking details

Period of soaking

Soaked

5 days

Time to surface

N/A days

Amount of swell recorded

0.19 mm

Dry density after soaking

1.69 Mg/m3

Initial Specimen details

Bulk density

2.02 Mg/m3

Dry density

1.69 Mg/m3

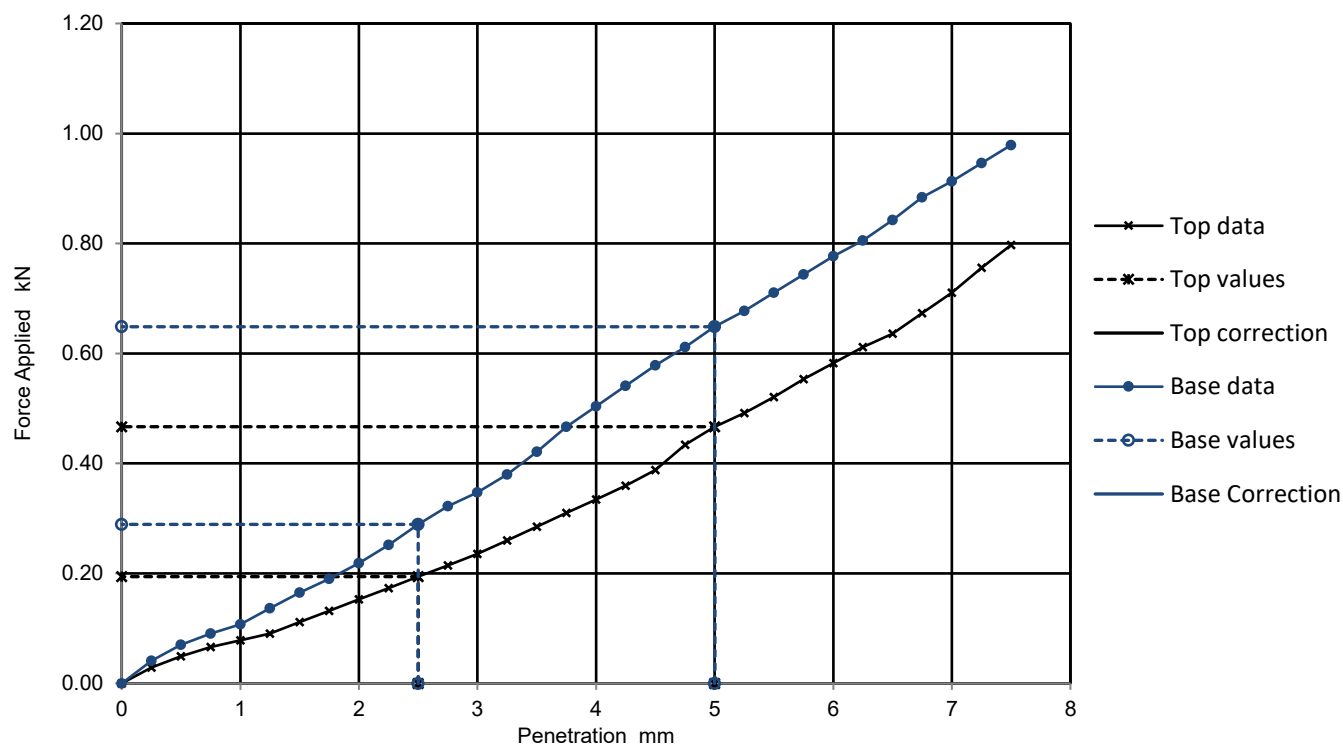
Water content

19.2 %

Surcharge applied

4.2 kg

3 kPa

Force v Penetration Plots

RESULTS

	Curve correction applied	CBR Values, %			
		2.5mm	5mm	Highest	Average
TOP	No	1.5	2.3	2.3	
BASE	No	2.2	3.2	3.2	

Water Content %
19.1
18.9

Approved
Paul Cathcart

Method of Preparation: BS1377 : Part 2 : 2022, clause 15.2, Recompacted with specified standard effort using 2.5kg rammer

Method of Test: BS1377 : Part 2 : 2022, clause 15.3, Soaking Procedure

BS1377 : Part 2 : 2022, clause 15.4, Penetration test procedure to determine California Bearing Ratio (CBR)

Remarks:

Result reported relates only to the sample tested.

Site: New Place Farm
Client: Leap Environmental

Job Number: 2282655
Page: 11

Determination of California Bearing Ratio (CBR)

Borehole / Trial Pit	Depth (m)	Sample	% Passing 20mm Sieve	Description
TP411	1.90	B152	100%	Brown slightly gravelly, silty SAND

Specimen Preparation

Condition
Details

Recompacted with specified standard effort using 2.5kg rammer

Soaking details

Period of soaking

Soaked

5 days

Time to surface

N/A days

Amount of swell recorded

0.17 mm

Dry density after soaking

1.3 Mg/m3

Initial Specimen details

Bulk density

2.01 Mg/m3

Dry density

1.30 Mg/m3

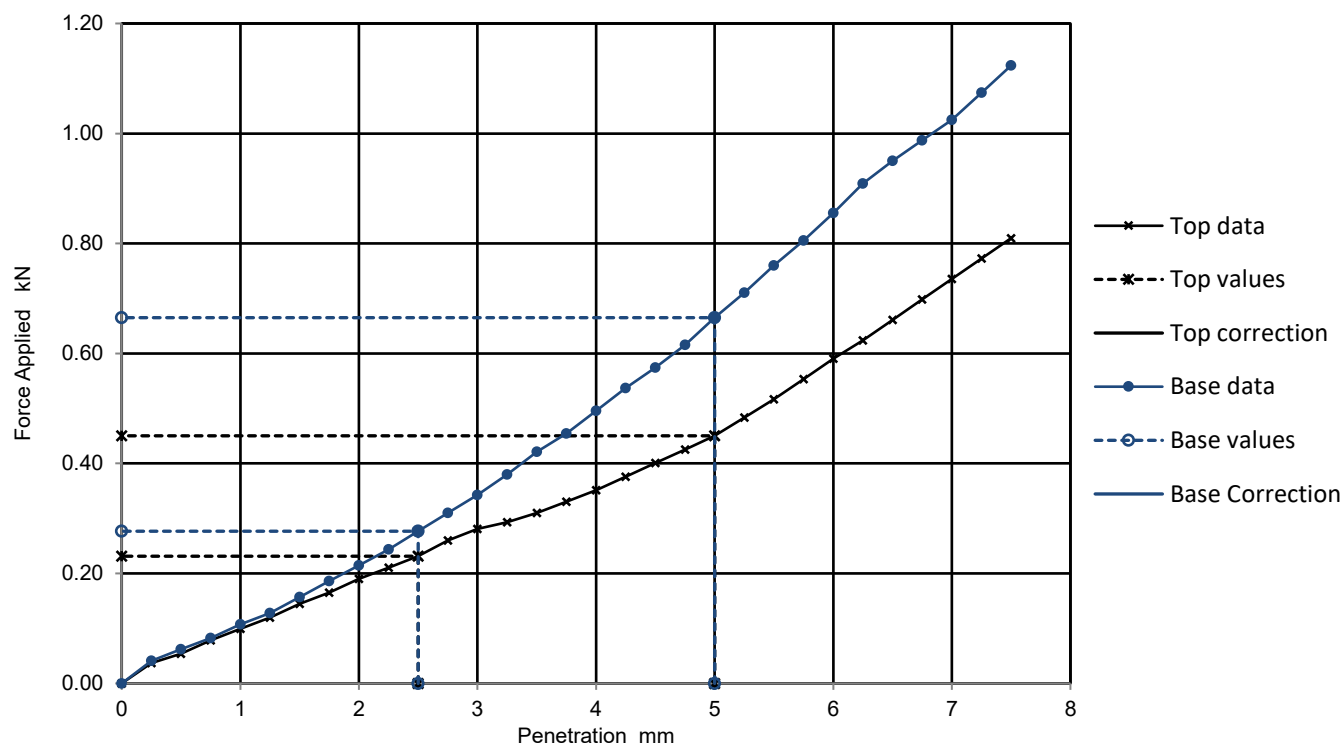
Water content

54.7 %

Surcharge applied

4.2 kg

3 kPa

Force v Penetration Plots

RESULTS

	Curve correction applied	CBR Values, %			
		2.5mm	5mm	Highest	Average
TOP	No	1.8	2.3	2.3	
BASE	No	2.1	3.3	3.3	

Water Content %
19.7
18.9

Approved
Paul Cathcart

Method of Preparation: BS1377 : Part 2 : 2022, clause 15.2, Recompacted with specified standard effort using 2.5kg rammer

Method of Test: BS1377 : Part 2 : 2022, clause 15.3, Soaking Procedure

BS1377 : Part 2 : 2022, clause 15.4, Penetration test procedure to determine California Bearing Ratio (CBR)

Remarks:

Result reported relates only to the sample tested.

Site: New Place Farm

Job Number: 2282655

Client: Leap Environmental

Page: 12

Unconsolidated Undrained Triaxial Compression Test without measurement of pore pressure - Multistage test

Borehole / Trial Pit	Depth (m)	Sample	Description
SA401	0.40	B118	Brown slightly gravelly, very sandy SILT

Initial Sample	Original Length (mm)			
	Depth from Top (mm)			
	Condition	Remoulded with 2.5kg rammer		
	Orientation	Random		
Length (mm)		194.06		
Diameter (mm)		100.90		
Moisture Content (%)		17		
Bulk Density (Mg/m ³)		2.09		
Dry Density (Mg/m ³)		1.78		
Membrane Thickness (mm)		0.35		
Membrane Type		Latex		
Rate of Strain (%/min)		1.03		
Test Results	Stage Number	1	2	3
	Cell Pressure (kPa)	4	8	16
	Axial Strain (%)	11	12	21
	Membrane Corr. (kPa)	0.9	0.9	1.4
	Deviator Stress ($\sigma_1 - \sigma_3$)f (kPa)	135	139	151
	Undrained Shear Strength, $CU = \frac{1}{2}(\sigma_1 - \sigma_3)f$ (kPa)	67	69	75
	Mode of Failure	Compound		

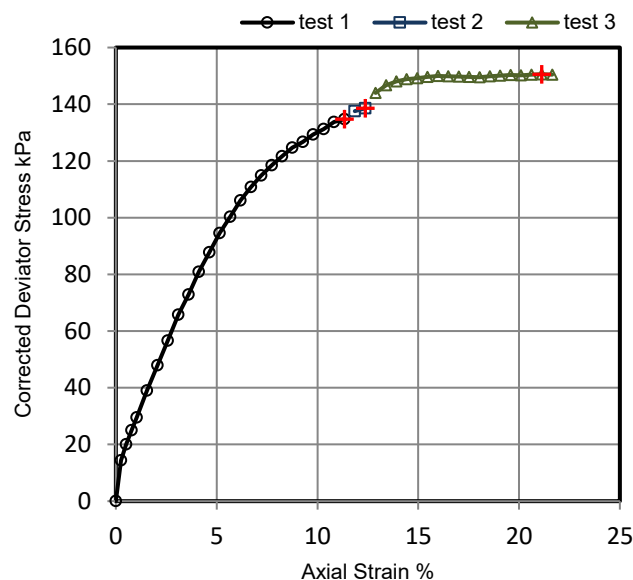
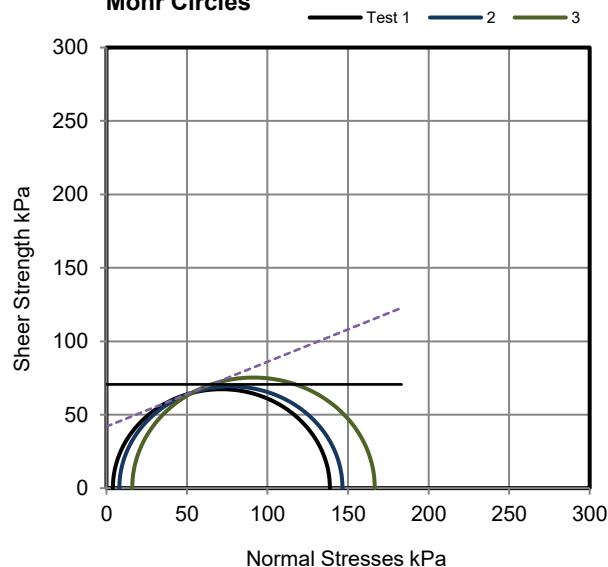
 $\phi_u = 0$

Average cu 71 kPa

Linear Regression

 ϕ_u 23.8 °

cu 42 kPa

Deviator Stress v Axial Strain

Mohr Circles


Mohr circles and their interpretation is not covered by BS1377. These are provided for information only.

Method of Preparation: BS 1377:PT1:1990:8.3 Preparation of undisturbed samples for testing or
BS 1377:PT1:1990:7.7.5.2 Preparation of disturbed samples for testing

Method of Test: BS 1377:PT2:1990:7.2 Determination of density by linear measurement.
BS 1377:PT7:1990:9.4 Determination of undrained shear strength in triaxial compression with
multistage loading and without measurement of pore pressure (Definitive method)

Result reported relates only to the sample tested.

Site: New Place Farm

Job Number: 2282655

Client: Leap Environmental

Page: 13

Unconsolidated Undrained Triaxial Compression Test without measurement of pore pressure - Multistage test

Borehole / Trial Pit	Depth (m)	Sample	Description
TP411	0.90	B151	Brown slightly gravelly, sandy, silty CLAY

Initial Sample	Original Length (mm)			
	Depth from Top (mm)			
	Condition	Remoulded with 2.5kg rammer		
	Orientation	Random		
Length (mm)		195.43		
Diameter (mm)		101.06		
Moisture Content (%)		23		
Bulk Density (Mg/m ³)		1.96		
Dry Density (Mg/m ³)		1.59		
Membrane Thickness (mm)		0.36		
Membrane Type		Latex		
Rate of Strain (%/min)		1.02		
Test Results	Stage Number	1	2	3
	Cell Pressure (kPa)	9	18	36
	Axial Strain (%)	14	15	21
	Membrane Corr. (kPa)	1.0	1.1	1.5
	Deviator Stress ($\sigma_1 - \sigma_3$)f (kPa)	53	56	65
	Undrained Shear Strength, $c_u = \frac{1}{2}(\sigma_1 - \sigma_3)$ f (kPa)	27	28	32
	Mode of Failure	Compound		

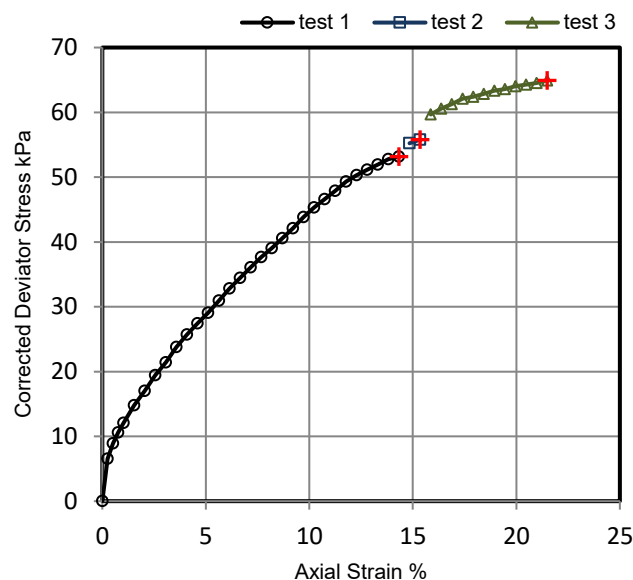
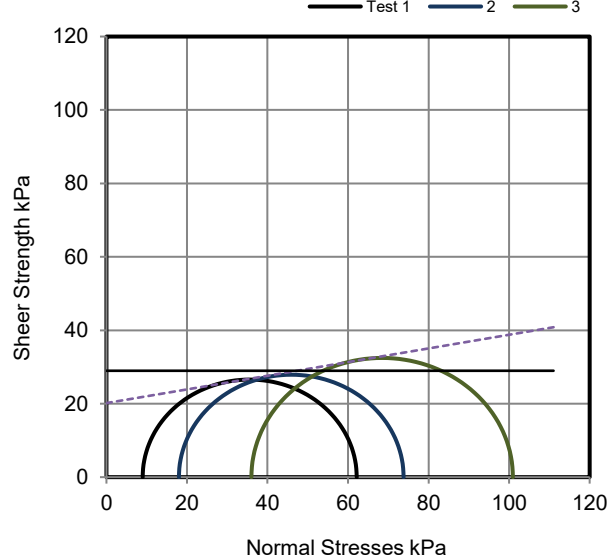
 $\phi_u = 0$

Average c_u 29 kPa

Linear Regression

 ϕ_u 10.5 °

 c_u 20 kPa

Deviator Stress v Axial Strain

Mohr Circles


Mohr circles and their interpretation is not covered by BS1377. These are provided for information only.

Method of Preparation: BS 1377:PT1:1990:8.3 Preparation of undisturbed samples for testing or
BS 1377:PT1:1990:7.7.5.2 Preparation of disturbed samples for testing

Method of Test: BS 1377:PT2:1990:7.2 Determination of density by linear measurement.
BS 1377:PT7:1990:9.4 Determination of undrained shear strength in triaxial compression with
multistage loading and without measurement of pore pressure (Definitive method)

Result reported relates only to the sample tested.

Site: New Place Farm

Job Number: 2282655

Client: Leap Environmental

Page: 14

UNIAXIAL COMPRESSION TEST ON ROCK - SUMMARY OF RESULTS

Hole No.	Depth m	Sample	Rock Type	Specimen Dimensions ²			Bulk Density ² Mg/m ³	Water Content 1 %	Uniaxial Compression ³				Remarks
				Dia. mm	Length mm	H/D			Condition	Stress Rate MPa/s	Mode of failure	UCS MPa	
BH401	6.80 - 7.25	U9	Orange SANDSTONE/ Grey SILTSTONE	103.2	304.4	3	2.52	3.4	as received	0.5084	AC	31.5	
BH401	11.50 - 11.70	U16	Orange/Brown/Grey SANDSTONE	102.8	190.6	*1.9	2.24	11.3	as received	0.4927	AC	10.3	
BH401	19.80 - 20.00	U20	Yellow/Brown/Grey SANDSTONE	102.7	93.9	*0.9	2.12	19.3	as received	0.4935	AC	1.6	
BH402	8.70 - 8.90	C31	Orange/Brown/Grey SANDSTONE	101.8	140.3	*1.4	2.15	12.6	as received	0.5029	AC	3.2	
BH402	16.80 - 17.00	U42	Orange SANDSTONE/ Grey SILTSTONE	102.9	170.9	*1.7	2.82	2.6	as received	0.4920	AC	25.2	
BH403	9.20 - 9.50	C52	Orange/Grey SANDSTONE	102.8	131.8	*1.3	2.05	14.3	as received	0.4925	AC	4.2	
BH403	12.90 - 13.20	C57	Orange/Brown/Grey SANDSTONE	103.1	229.4	*2.2	2.12	16.0	as received	0.5093	AC	2.7	
BH403	19.75 - 20.00	C64	Orange SANDSTONE / Grey SILTSTONE	102.9	181.3	*1.8	2.52	6.8	as received	0.4919	AC	28.6	
BH404	4.40 - 4.70	U71	Orange SANDSTONE/ Grey SILTSTONE	103.0	284.0	2.8	2.48	5.1	as received	0.5097	AC	29.1	
BH404	5.30 - 5.60	U72	Orange SANDSTONE/ Grey SILTSTONE	103.0	139.9	*1.4	2.09	13.5	as received	0.4909	AC	4.6	
BH404	11.30 - 11.70	U75	Orange SANDSTONE/ Grey siltstone	102.9	301.3	2.9	2.44	5.6	as received	0.4915	AC	25.6	
BH404	17.40 - 17.80	U76	Orange SANDSTONE/ Grey SILTSTONE	102.6	264.5	2.6	2.19	11.0	as received	0.1317	AC	7.1	
BH405	4.20 - 4.50	U85	Yellow/Orange SANDSTONE/ Grey SILTSTONE	103.2	271.0	2.6	2.05	15.3	as received	0.5083	AC	3.0	
BH405	7.50 - 7.75	U90	Orange SANDSTONE/ Grey SILTSTONE	103.0	226.1	*2.2	2.55	1.3	as received	0.4912	AC	33.0	
BH405	19.05 - 19.35	U97	Orange SANDSTONE/ grey SILTSTONE	102.8	259.3	2.5	2.12	16.6	as received	0.4930	AC	3.2	
BH406	6.50 - 6.78	U104	Orange SANDSTONE/ Grey SILTSTONE	103.0	129.5	*1.3	2.40	5.3	as received	0.4912	AC	25.2	
BH406	14.80 - 15.00	U110	Orange SANDSTONE/ Grey SILTSTONE	102.6	263.5	2.6	2.13	16.2	as received	0.4949	AC	4.0	
BH406	19.60 - 19.95	U113	Orange SANDSTONE/ Grey SILTSTONE	103.0	138.4	*1.3	2.06	11.1	as received	0.5100	AC	4.3	

Notes 1 ISRM p87 test 1, water content at 105 ± 3 °C, specimen as tested for UCS

*Denotes length diameter ratio outside ISRM specification

2 ISRM p86 clause (vii), Caliper method used for determination of bulk volume and derivation of bulk density

Mode of failure :

3 ISRM p153 part 1, determination of Uniaxial Compressive Strength (UCS) of Rock Materials

S - Single shear MS - multiple shear

above notes apply unless annotated otherwise in the remarks

AC - Axial cleavage F - Fragmented

Method of Preparation: International Society for Rock Mechanics, The complete ISRM suggested methods for Rock Characterization Testing and Monitoring, 2007

Method of Test: International Society for Rock Mechanics, The complete ISRM suggested methods for Rock Characterization Testing and Monitoring, 2007

Results reported relate only to the samples tested.

Site: New Place Farm

Job Number: 2282655

Client: Leap Environmental

Page: 15

Point Load Strength Index Tests Summary of Results

Borehole No.	Depth m	Sample	Rock Type and Test condition	Test Type see ISRM		Failure Valid (Y/N)	Dimensions				Force P kN	Equivalent diameter, De mm	Point Load Strength Index		Remarks (including water content if measured)
				Type (D, A, I, B)	Direction (PL, PD or U)		Lne mm	W mm	Dps mm	Dps' mm			Is MPa	Is (50) MPa	
BH401	4.80 - 5.00	D8	Orange/Grey SANDSTONE As received	I	U	YES	33.6	67.97 53.42	44.1	43.1	0.1	58.4	0.02	0.02	
BH401	8.40 - 8.60	D14	Orange/Grey SANDSTONE As received	A	U	YES		103.5	72.2	64.2	1.2	97.5	0.12	0.16	
BH401	13.00 - 13.20	D17	Orange/Grey SANDSTONE As received	I	U	YES	45.0	89.86 62.13	31.4	29.4	0.2	55.1	0.08	0.08	
BH401	14.90 - 15.10	D19	Orange/Grey SANDSTONE As received	I	U	YES	53.3	102.96 81.17	71.4	47.4	12.4	91.5	1.48	1.94	
BH402	3.50 - 3.65	C37	Orange SANDSTONE Light Grey SILTSTONE As received	A	PD	YES		103.3	72.4	61.4	23.3	97.6	2.44	3.30	
BH402	7.25	C	Grey/brown SANDSTONE As received	A	PD	YES		102.6	30.6	26.6	5.4	63.2	1.36	1.51	
BH402	13.40 - 13.55	D39	Orange/Grey SANDSTONE As received	A	U	YES		103.1	72.6	68.6	1.0	97.6	0.11	0.15	
BH402	17.90 - 18.10	D41	Orange/Grey SANDSTONE As received	A	U	YES		103.0	61.8	54.8	1.6	90.0	0.20	0.26	
BH402	18.70 - 18.90	D43	Dark/Light Grey SANDSTONE As received	I	U	YES	50.6	101.86 73.88	80.2	65.2	17.2	94.7	1.91	2.55	
BH403	3.35 - 3.50	D46	Orange/Grey SANDSTONE As received	A	U	YES		103.2	69.3	62.3	2.3	95.4	0.25	0.34	
BH403	6.70 - 6.90	D50	Orange/Grey SANDSTONE As received	A	U	YES		103.2	75.4	61.4	3.5	99.5	0.35	0.48	
BH403	11.40 - 11.55	D56	Orange/Grey SANDSTONE/Grey SANDSTONE As received	I	U	YES	50.0	103.22 83.23	64.6	56.6	3.2	87.5	0.42	0.55	
BH403	15.15 - 15.30	D59	Orange/Grey SANDSTONE As received	A	U	YES		103.0	74.3	66.3	0.8	98.7	0.08	0.11	
BH403	17.55 - 18.15	C60	Orange/Grey SANDSTONE As received	A	U	YES		103.3	73.6	70.6	0.5	98.4	0.05	0.07	
BH403	19.25 - 19.40	C63	Orange/Grey SANDSTONE As received	A	U	YES		102.9	95.3	74.3	3.5	111.7	0.28	0.40	
BH404	3.45 - 3.55	D70	Yellow/Brown Light Grey SANDSTONE As received	A	U	YES		103.1	55.0	44.0	0.5	85.0	0.06	0.08	
BH404	7.55 - 7.70	D73	Orange/Grey SANDSTONE As received	A	U	YES		102.5	82.8	70.8	5.6	104.0	0.52	0.72	
BH404	12.85 - 13.00	D77	Light Brown/ Grey SANDSTONE As received	A	U	YES		102.8	56.6	50.6	1.1	86.0	0.15	0.19	
BH404	14.90 - 15.05	D79	Orange/Grey SANDSTONE As received	A	U	YES		102.2	84.1	72.1	11.7	104.6	1.07	1.49	
BH404	19.00 - 19.15	D82	Orange/Grey SANDSTONE As received	A	U	YES		102.6	46.2	42.2	1.2	77.7	0.20	0.24	

Test Type

D - Diametral, A - Axial, I - Irregular Lump, B - Block

Direction

PL - Parallel to planes of weakness

PD - Perpendicular to planes of weakness

U - Unknown or random

Dimensions

Dps - Distance between platens (platen separation)

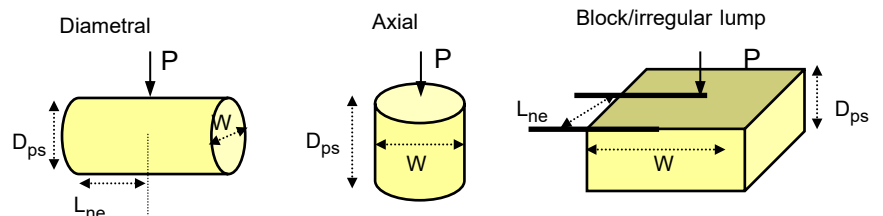
Dps' - at failure (see ISRM note 6)

Lne - Length from platens to nearest free end

W - Width of shortest dimension perpendicular to load, P

Size factor, $F = (De/50)^{0.45}$ for all tests.

Detailed legend for test and dimensions, based on ISRM


Method of Preparation: ISRM 2007 Suggested method for point load strength index (pages 125 - 132)

Method of Test: ISRM 2007 Suggested method for point load strength index (pages 125 - 132)

Results reported relate only to the samples tested.

Site: New Place Farm

Job Number: 2282655

Client: Leap Environmental

Page: 16

Point Load Strength Index Tests Summary of Results

Borehole No.	Depth m	Sample	Rock Type and Test condition	Test Type see ISRM		Failure Valid (Y/N)	Dimensions				Force P kN	Equivalent diameter, De mm	Point Load Strength Index		Remarks (including water content if measured)
				Type (D, A, I, B)	Direction (PL, PD or U)		Lne mm	W mm	Dps mm	Dps' mm			Is MPa	Is (50) MPa	
BH405	2.70 - 2.90	D87	Orange/Grey SANDSTONE As received	A	U	YES		103.0	63.1	47.1	0.6	90.9	0.07	0.09	
BH405	9.30 - 9.50	D91	Orange/Light Grey SANDSTONE As received	I	U	YES	48.4	102.19 54.65	71.7	65.7	0.4	84.6	0.06	0.08	
BH405	14.30 - 14.55	D94	Orange/Light Grey SANDSTONE As received	A	U	YES		103.1	70.1	65.1	1.3	96.0	0.14	0.19	
BH405	17.90 - 18.10	D96	Orange/Light Brown/ Grey SANDSTONE As received	A	U	YES		103.2	70.2	54.2	8.6	96.1	0.93	1.25	
BH406	3.00 - 3.30	D99	Orange/Light Grey SANDSTONE As received	I	U	YES	29.9	62.51 40.35	60.2	56.2	1.2	62.8	0.30	0.33	
BH406	4.60 - 4.80	D101	Orange/Yellow/Light Grey SANDSTONE As received	I	U	YES	48.5	88.22 72.00	60.8	55.8	0.4	78.8	0.07	0.08	
BH406	8.30 - 8.40	D105	Orange/Yellow/Light Grey SANDSTONE As received	A	U	YES		103.0	56.1	46.1	0.9	85.8	0.12	0.15	
BH406	11.40 - 11.60	D107	Yellow/Light Brown/ Light Grey SANDSTONE As received	A	U	YES		102.3	71.1	60.1	14.1	96.2	1.52	2.04	
BH406	18.00 - 18.20	D112	Orange SANDSTONE Dark Grey MUD/SILTSTONE	I	U	YES	33.0	70.07 60.66	38.2	33.2	0.2	56.4	0.05	0.06	

Test Type

D - Diametral, A - Axial, I - Irregular Lump, B - Block

Direction

PL - Parallel to planes of weakness

PD - Perpendicular to planes of weakness

U - Unknown or random

Dimensions

Dps - Distance between platens (platen separation)

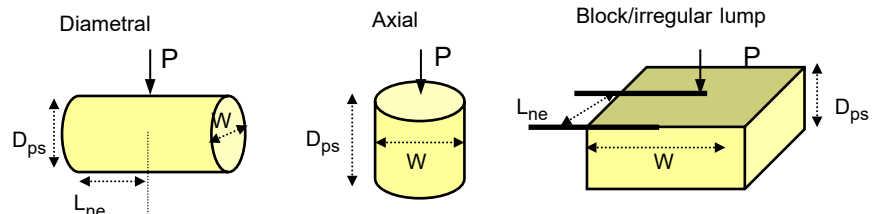
Dps' - at failure (see ISRM note 6)

Lne - Length from platens to nearest free end

W - Width of shortest dimension perpendicular to load, P

Size factor, F = (De/50)^{0.45} for all tests.

Detailed legend for test and dimensions, based on ISRM


Method of Preparation: ISRM 2007 Suggested method for point load strength index (pages 125 - 132)

Method of Test: ISRM 2007 Suggested method for point load strength index (pages 125 - 132)

Results reported relate only to the samples tested.



Supplemental Test Report - 2282655 / 2

Site: New Place Farm
Job Number: 2282655
Originating Client: Leap Environmental

All opinions and interpretations contained within this report are outside of our Scope of Accreditation.

This test report shall not be reproduced, except in full and only with the written permission of Ian Farmer Associates Ltd.

Samples will be retained for 28 days from date of issue of the final test report before being disposed of, unless we receive written instruction to the contrary.

Report End

Report Issue Date: 10/10/2025

FINAL ANALYTICAL TEST REPORT

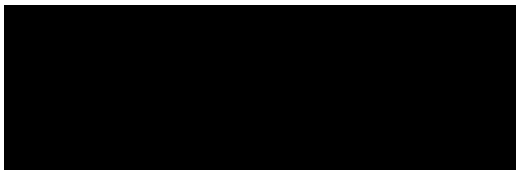
Envirolab Job Number: 25/10662
Issue Number: 1

Date: 01 October, 2025

Client: Ian Farmer Associates (Newcastle) Lab
Unit 4, Faraday Close
Pattinson North Industrial Estate
Washington
Tyne and Wear
NE38 8QJ

Project Manager: Washington
Project Name: New Place Farm
Project Ref: 2282655
Order No: P7546107
Date Samples Received: 23/09/25
Date Instructions Received: 23/09/25
Date Analysis Completed: 01/10/25

Approved by:



Richard Wong
Client Manager

Envirolab Job Number: 25/10662

Client Project Name: New Place Farm

Client Project Ref: 2282655

Lab Sample ID	25/10662/1	25/10662/2	25/10662/3	25/10662/4	25/10662/5			Units	Limit of Detection	Method ref
Client Sample No	38	86	93	98	124					
Client Sample ID	BH402	BH405	BH405	BH406	SA404					
Depth to Top	5.53	1.20	13.30	3.40	0.50					
Depth To Bottom										
Date Sampled	12-Aug-25	21-Aug-25	21-Aug-25	14-Aug-25	11-Aug-25					
Sample Type	SOLID	SOIL - D	SOIL - D	SOIL - D	SOIL - B					
Sample Matrix Code	7	6A	4A	5A	4AE					
% Stones >10mm _A	<0.1	<0.1	<0.1	<0.1	<0.1			% w/w	0.1	A-T-044
pH BRE _D ^{M#}	8.55 ^U	7.79	8.41	7.17	6.89			pH	0.01	A-T-031s
Sulphate BRE (water sol 2:1) _D ^{M#}	<10 ^U	<10	<10	13	<10			mg/l	10	A-T-026s

Report Notes

General

- This report shall not be reproduced, except in full, without written approval from Envirolab.
- The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client and can affect the validity of results.
- 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 within the same delivery, will be disposed of **four weeks** after the 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 our scope of accreditation.
- A deviating sample 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.
- If a sample is outside of the calibration range or affected by interferences then it may need diluting. This will result in the limit of detection (LOD) being raised.
- Subcontracted Analysis: Please see the appended report for any deviations, current LODs and accreditation status of the test.

Key

Superscript “#”	Accredited to ISO 17025
Superscript “M”	Accredited to MCertS
Superscript “U”	Individual result not accredited
None of the above symbols	Analysis unaccredited
Subscript “A”	Analysis performed on as-received Sample
Subscript “D”	Analysis performed on the dried sample, crushed to pass 2mm sieve.
Subscript “D” on Asbestos	Analysis performed on a dried aliquot of sample provided.
Subscript “A”	Analysis has dependant options against results. Details appear in the comments of your Sample receipt
IS	Insufficient Sample for analysis
US	Unsuitable Sample for analysis
NDP	No Determination Possible
NAD	No Asbestos Detected
Trace	Asbestos found not suitable for Gravimetric Quantification – not enough to accurately weigh.
N/A	Not applicable

Asbestos

Identification: 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

“Trace Asbestos Identified” will be reported if there is not enough present to verify the type.

Assigned Matrix Codes

1	SAND	6	CLAY/LOAM	A	Contains Stones
2	LOAM	7	OTHER	B	Contains Construction Rubble
3	CLAY	8	Asbestos Bulk (Only Asbestos ID accredited)	C	Contains visible hydrocarbons
4	LOAM/SAND	9	Incinerator Ash (some Metals accredited)	D	Contains glass / metal
5	SAND/CLAY			E	Contains roots / twigs
Note: 7,8,9 matrices are not covered by our ISO 17025 or MCertS accreditation, unless stated above.					

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 by method A-T-007:

For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.

Results “with Clean up” indicates samples cleaned up with Silica during extraction.

EPH CWG (method A-T-055) from TPH CWG:

EPH CWG results have humics mathematically subtracted through instrument calculation.

Where these humic substances have been identified in any IDs from “TPH CWG with clean up” please note that the concentration is **NOT** included in the quantified results but present in the ID for information.

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.

Please contact your client manager if you require any further information.

Envirolab Deviating Samples Report

Hattersley Science & Technology Park, Stockport Road, Hattersley, SK14 3QU
Tel. 0161 368 4921 email. ask@envlab.co.uk

Client: Ian Farmer Associates (Newcastle) Lab, Unit 4, Faraday Close, Pattinson North
Industrial Estate, Washington, Tyne and Wear, NE38 8QJ

Project No: 25/10662

Date Received: 23/09/2025 (am)

Project: New Place Farm

Cool Box Temperatures (°C): 14.2

Clients Project No: 2282655

Lab Sample ID	25/10662/1	25/10662/2	25/10662/3	25/10662/4	25/10662/5
Client Sample No	38	86	93	98	124
Client Sample ID/Depth	BH402 5.53m	BH405 1.20m	BH405 13.30m	BH406 3.40m	SA404 0.50m
Date Sampled	12/08/25	21/08/25	21/08/25	14/08/25	11/08/25
Deviation Code					
F	✓	✓	✓	✓	✓

Key

F

Maximum holding time exceeded between sampling date and analysis for analytes listed below

HOLDING TIME EXCEEDANCES

Lab Sample ID	25/10662/1	25/10662/2	25/10662/3	25/10662/4	25/10662/5
Client Sample No	38	86	93	98	124
Client Sample ID/Depth	BH402 5.53m	BH405 1.20m	BH405 13.30m	BH406 3.40m	SA404 0.50m
Date Sampled	12/08/25	21/08/25	21/08/25	14/08/25	11/08/25
Sulphate BRE (water sol 2:1)	✓	✓	✓	✓	✓

If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3, ISO 18400-102:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Envirolab Analysis Dates

Lab Sample ID	25/10662/1	25/10662/2	25/10662/3	25/10662/4	25/10662/5
Client Sample No	38	86	93	98	124
Client Sample ID/Depth	BH402 5.53m	BH405 1.20m	BH405 13.30m	BH406 3.40m	SA404 0.50m
Date Sampled	12/08/25	21/08/25	21/08/25	14/08/25	11/08/25
A-T-026s	30/09/2025	30/09/2025	30/09/2025	30/09/2025	30/09/2025
A-T-031s	01/10/2025	01/10/2025	01/10/2025	01/10/2025	01/10/2025
A-T-044	01/10/2025	01/10/2025	01/10/2025	01/10/2025	01/10/2025

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

End of Report

APPENDIX G – ANALYTICAL SUMMARY AND QUANTITATIVE RISK ASSESSMENT TABLES

New Place Farm, Pulborough
Table 1: Soil Analytical Results and Human Health QRA from **EAP** 2025 Investigation

				Sample Location: Depth (m): Matrix: Date Sampled:	HA404 0.10 Topsoil 07-Aug-25	HA406 0.20 Topsoil 07-Aug-25	HA408 0.50 MG 08-Aug-25	HA411 0.05 Topsoil 08-Aug-25	HA413 0.05 Topsoil 07-Aug-25	HA416 0.10 Topsoil 08-Aug-25	HA418 0.10 Subsoil 07-Aug-25	HA419 0.50 Subsoil 07-Aug-25	HA420 0.50 Subsoil 08-Aug-25	TP401 0.20 MG 18-Aug-25	TP405 0.20 Topsoil 14-Aug-25	TP406 0.20 Topsoil 14-Aug-25	TP414 0.10 MG 13-Aug-25	TP415 0.35 MG 15-Aug-25	TP418 0.15 MG 13-Aug-25	TP419 0.20 Topsoil 14-Aug-25	TP420 0.20 Topsoil 15-Aug-25	TP421 0.15 Topsoil 15-Aug-25	TP424 0.15 Topsoil 15-Aug-25	SA403 0.20 Topsoil 11-Aug-25	BH404 0.20 MG 18-Aug-25
Determinand	Units	LOD	Assessment Criteria Value*	Maximum Detected																					
Miscellaneous																									
pH	pH units	0.1	n.v.	7.91	5.67	6.23	7.04	7.71	5.65	5.33	5.68	6.71	6.86	7.03	5.49	6.11	6.8	7.61	7.91	7.01	6.22	6.15	5.66	5.48	7.38
Total Organic Carbon	%	0.1	n.v.	2.15	1.48	1.12	1.72	2.14	1.27	2.02	0.74		0.17	0.41	0.68	2.15	0.75	0.37	1.45	0.62	0.41	0.77	0.95	0.91	0.31
Soil Organic Matter (calculated)**	%	-	n.v.	3.698	2.5	1.9	3.0	3.7	2.2	3.5	1.3		0.3	0.7	1.2	3.7	1.3	0.6	2.5	1.1	0.7	1.3	1.6	1.6	0.5
Metals																									
Arsenic	mg/kg	0.5	37	7	4	4	5	7	4	5	3		3	3	5	3	6	5	4	4	5	0.77	0.95	0.91	4
Cadmium	mg/kg	0.2	22	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5	5	5	<1.0
Chromium	mg/kg	1	910	14	10	11	7	8	6	14	6		7	5	9	6	7	9	7	13	7	8	13	9	6
Chromium VI	mg/kg	0.8	21	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Copper	mg/kg	4	2,400	30	20	22	13	27	7	11	7		7	10	30	15	14	17	12	16	14	11	11	19	7
Lead	mg/kg	1	200	33	16	22	15	33	10	18	11		10	10	15	16	17	24	15	19	16	18	16	8	8
Mercury	mg/kg	0.1	40	0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17		<0.17	<0.17	<0.17	<0.17	<0.17	0.18	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
Nickel	mg/kg	1	130	11	6	8	10	11	4	9	4		8	6	5	5	6	8	7	7	9	10	5	7	7
Selenium	mg/kg	1	250	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Zinc	mg/kg	4.5	3,700	75	40	45	74	64	26	38	28		25	21	32	38	52	40	75	39	35	37	39	35	22
Asbestos																									
Asbestos Identification	-	-	Presence	Presence <0.001	NAD	NAD	NAD	NAD	NAD	NAD	NAD		NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	Chrysotile <0.001	NAD	NAD	NAD	NAD
Asbestos Quantification	%																								
Polycyclic Aromatic Hydrocarbons (USEPA 16)																									
Benzo(a)pyrene	mg/kg	0.02	5.0	0.24	<0.04	<0.04	<0.04	0.24	<0.04	<0.04	<0.04		<0.04	<0.04	<0.04	<0.04	0.05	<0.04	0.07	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Naphthalene	mg/kg	0.02	2.3	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Acenaphthylene	mg/kg	0.02	n.v.	<0.01	<0.01	<0.01	<0.01	0.05	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthene	mg/kg	0.02	n.v.	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Fluorene	mg/kg	0.02	n.v.	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Phenanthrene	mg/kg	0.02	n.v.	0.06	<0.03	<0.03	<0.03	0.06	<0.03	<0.03	<0.03		<0.03	<0.03	<0.03	<0.03	0.06	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Anthracene	mg/kg	0.02	n.v.	<0.02	<0.02	<0.02	<0.02	0.05	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	mg/kg	0.02	n.v.	0.33	<0.08	<0.08	<0.08	0.33	<0.08	<0.08	<0.08		<0.08	<0.08	<0.08	<0.08	0.14	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Pyrene	mg/kg	0.02	n.v.	0.32	<0.07	<0.07	<0.07	0.32	<0.07	<0.07	<0.07		<0.07	<0.07	<0.07	<0.07	0.11	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07
Benzo(a)anthracene	mg/kg	0.02	n.v.	0.19	<0.04	<0.04	<0.04	0.19	<0.04	<0.04	<0.04		<0.04	<0.04	<0.04	<0.04	0.06	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Chrysene	mg/kg	0.02	n.v.	0.24	<0.06	<0.06	<0.06	0.24	<0.06	<0.06	<0.06		<0.06	<0.06	<0.06	<0.06	0.08	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Benzo(b)fluoranthene	mg/kg	0.03	n.v.	0.35	<0.05	<0.05	<0.05	0.35	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	0.07	<0.05	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	mg/kg	0.02	n.v.	<0.07	<0.07	<0.07	<0.07	0.13	<0.07	<0.07	<0.07		<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07
Indeno(1,2,3-cd)pyrene	mg/kg	0.02	n.v.	0.21	<0.03	<0.03	<0.03	0.21	<0.03	<0.03	<0.03		<0.03	<0.03	0.07	<0.03	0.07	<0.03	0.14	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Dibenzo(ah)anthracene	mg/kg	0.02	n.v.	<0.04	<0.04	<0.04	<0.04	0.05	<0.04	<0.04	<0.04		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Benzo(ghi)perylene	mg/kg	0.02	n.v.	0.2	<0.05	<0.05	<0.05	0.2	<0.05	<0.05	<0.05		<0.05	<0.05	<0.05	<0.05	0.06	<0.05	0.13	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Total PAH (16)	mg/kg	0.34	n.v.	2.42	<0.08	<0.08	<0.08	2.42	<0.08	<0.08	<0.08		<0.08	<0.08	<0.08	<0.08	0.7	<0.08	0.41	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Petroleum Hydrocarbons																									
>C5-C6 Aliphatic	mg/kg	0.01	42	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01			<0.01						
>C6-C8 Aliphatic	mg/kg	0.01	100	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01			<0.01						
>C8-C10 Aliphatic	mg/kg	1	27	<1			<1	<1	<1	<1	<1		<1	<1	<1	<1			<1						
>C10-C12 Aliphatic	mg/kg	1	130	<1			<1	<1	<1	<1	<1		<1	<1	<1	<1			<1						
>C12-C16 Aliphatic	mg/kg	1	1100	<1			<1	<1	<1	<1	<1		<1	<1	<1	<1			<1						
>C16-C21 Aliphatic	mg/kg	1	65000	2			<1	2	<1	<1	<1		<1	<1	<1	1			<1						
>C21-C35 Aliphatic	mg/kg	1	65000	43			13	43			17		<1	<1		10									
C5-C34 Aliphatic	mg/kg	1	n.v	20			14				20		<1	<1		11			2						
>C5-C7 Aromatic	mg/kg	0.01	70	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01			<0.01						
>C7-C8 Aromatic	mg/kg	0.01	130	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01			<0.01						
>C8-C10 Aromatic	mg/kg	1	34	2			2	2			2		<1	<1		<1			<1						
>C10-C12 Aromatic	mg/kg	1	74	0			<1	<1			<1		<1	<1		<1			<1						
>C12-C16 Aromatic	mg/kg	1	140	2			1	1			1		<1	<1		<1			<1						
>C16-C21 Aromatic	mg/kg	1	260	5			5	5			2		<1	<1		2			<1						
>C21-C35 Aromatic	mg/kg	1	1100	21			3	21			7		<1	<1		3			<1						
>C35-C40 Aromatic	mg/kg	1	n.v	3			3				2		<1	<1		<1			<1						
C5-C35 Aromatic	mg/kg	1	n.v	14			11				14		<1	<1		6			2						
Total (>C5-C35) Al/Aro	mg/kg	1	n.v	75			25	75			34		<1		17				4						
Benzene	µg/kg	2	260	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01			<0.01						
Toluene	µg/kg	5	130000	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01			<0.01			</			

APPENDIX H – GEOENVIRONMENTAL ANALYTICAL LABORATORY CERTIFICATES

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 25/09083
Issue Number: 1

Date: 25 September, 2025

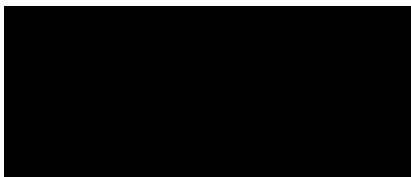
Client: RSK Environment Ltd (Leap Pease Pottage)
1 Forest Park Way
Pease Pottage
West Sussex,
RH11 9ZG

Project Manager: *USE GeoGldata@rsk.co.uk/Harry Punter/Rory

MacDona

Project Name: New Place Farm
Project Ref: 375966
Order No: N/A
Date Samples Received: 11/08/25
Date Instructions Received: 18/08/25
Date Analysis Completed: 25/09/25

Approved by:



Gemma Berrisford
Deputy Client Services Supervisor

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/1	25/09083/2	25/09083/4	25/09083/5	25/09083/6	25/09083/9	25/09083/10	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	1	1	2	1			
Client Sample ID	HA401	HA402	HA404	HA405	HA406	HA407	HA408			
Depth to Top	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Depth To Bottom	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Date Sampled	08-Aug-25	08-Aug-25	07-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code			4AE		4AE	4A	4AE			
% Moisture at <40C _A	-	-	-	-	-	-	12.5	% w/w	0.1	A-T-044
% Stones >10mm _A	-	-	<0.1	-	<0.1	26.7	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	6.32	7.60	5.67	-	6.23	6.23	7.04	pH	0.01	A-T-031s
pH (As Rec'd Uncrushed Rock / Concrete / Solid) _A	-	-	-	-	-	-	7.35	pH	0.01	A-T-031s (AR)
Total Organic Carbon _D ^{M#}	-	-	1.48	-	1.12	-	1.72	% w/w	0.08	A-T-032s
Arsenic _D ^{M#}	-	-	4	-	4	-	5	mg/kg	1	A-T-024s
Cadmium _D	-	-	<1.0	-	<1.0	-	<1.0	mg/kg	1	A-T-024s
Copper _D ^{M#}	-	-	20	-	22	-	13	mg/kg	1	A-T-024s
Chromium _D ^{M#}	-	-	10	-	11	-	7	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	-	-	<1	-	<1	-	<1	mg/kg	1	A-T-040s
Lead _D ^{M#}	-	-	16	-	22	-	15	mg/kg	1	A-T-024s
Mercury _D	-	-	<0.17	-	<0.17	-	<0.17	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	-	-	6	-	6	-	10	mg/kg	1	A-T-024s
Selenium _D ^{M#}	-	-	<1	-	<1	-	<1	mg/kg	1	A-T-024s
Zinc _D ^{M#}	-	-	40	-	45	-	74	mg/kg	1	A-T-024s

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/1	25/09083/2	25/09083/4	25/09083/5	25/09083/6	25/09083/9	25/09083/10	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	1	1	2	1			
Client Sample ID	HA401	HA402	HA404	HA405	HA406	HA407	HA408			
Depth to Top	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Depth To Bottom	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Date Sampled	08-Aug-25	08-Aug-25	07-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code			4AE		4AE	4A	4AE			
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D [#]	-	-	NAD	-	NAD	-	NAD			A-T-045
Asbestos Matrix (visual) _D	-	-	-	-	-	-	-			A-T-045
Asbestos Matrix (microscope) _D	-	-	-	-	-	-	-			A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	-	-	N/A	-	N/A	-	N/A			A-T-045
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
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

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/1	25/09083/2	25/09083/4	25/09083/5	25/09083/6	25/09083/9	25/09083/10	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	1	1	2	1			
Client Sample ID	HA401	HA402	HA404	HA405	HA406	HA407	HA408			
Depth to Top	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Depth To Bottom	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Date Sampled	08-Aug-25	08-Aug-25	07-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code			4AE		4AE	4A	4AE			
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
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

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/1	25/09083/2	25/09083/4	25/09083/5	25/09083/6	25/09083/9	25/09083/10	Units	Limit of Detection	Method ref
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Client Sample ID	HA401	HA402	HA404	HA405	HA406	HA407	HA408			
Depth to Top	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Depth To Bottom	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Date Sampled	08-Aug-25	08-Aug-25	07-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code			4AE		4AE	4A	4AE			
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
gamma-Hexachlorocyclohexane (HCH) _A	-	-	-	-	<0.01	-	-	mg/kg	0.01	A-T-056

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/1	25/09083/2	25/09083/4	25/09083/5	25/09083/6	25/09083/9	25/09083/10	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	1	1	2	1			
Client Sample ID	HA401	HA402	HA404	HA405	HA406	HA407	HA408			
Depth to Top	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Depth To Bottom	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Date Sampled	08-Aug-25	08-Aug-25	07-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code			4AE		4AE	4A	4AE			
PAH-16MS										
Acenaphthene _A ^{M#}	-	-	<0.01	-	<0.01	-	<0.01	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	-	-	<0.01	-	<0.01	-	<0.01	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	-	-	<0.02	-	<0.02	-	<0.02	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	-	-	<0.04	-	<0.04	-	<0.04	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	-	-	<0.04	-	<0.04	-	<0.04	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	-	-	<0.05	-	<0.05	-	<0.05	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	-	-	<0.05	-	<0.05	-	<0.05	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	-	-	<0.07	-	<0.07	-	<0.07	mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	-	-	<0.06	-	<0.06	-	<0.06	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	-	-	<0.04	-	<0.04	-	<0.04	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	-	-	<0.08	-	<0.08	-	<0.08	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	-	-	<0.01	-	<0.01	-	<0.01	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	-	-	<0.03	-	<0.03	-	<0.03	mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	-	-	<0.03	-	<0.03	-	<0.03	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	-	-	<0.03	-	<0.03	-	<0.03	mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	-	-	<0.07	-	<0.07	-	<0.07	mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	-	-	<0.08	-	<0.08	-	<0.08	mg/kg	0.01	A-T-019s

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/1	25/09083/2	25/09083/4	25/09083/5	25/09083/6	25/09083/9	25/09083/10	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	1	1	2	1			
Client Sample ID	HA401	HA402	HA404	HA405	HA406	HA407	HA408			
Depth to Top	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Depth To Bottom	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Date Sampled	08-Aug-25	08-Aug-25	07-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code			4AE		4AE	4A	4AE			
Triazine Herbicides (x 8)										
Atrazine _A	-	-	-	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
Cyanazine _A	-	-	-	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
Prometryn _A	-	-	-	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
Propazine _A	-	-	-	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
Trietazine _A	-	-	-	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
Simazine _A	-	-	-	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
Terbuthylazine _A	-	-	-	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
Terbutryn _A	-	-	-	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
TPH CWG GCxGC (>C5-C40) with Clean Up & ID										
Ali >C5-C6 _A	-	-	-	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	-	-	-	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	-	-	-	-	-	<1	<1	mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	-	-	-	-	-	<1	<1	mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	-	-	-	-	-	<1	<1	mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	-	-	-	-	-	<1	<1	mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	-	-	-	-	-	<1	13	mg/kg	1	A-T-055s
Total Aliphatics _A	-	-	-	-	-	-	14	mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	-	-	-	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	-	-	-	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	-	-	-	-	-	<1	2	mg/kg	1	A-T-055s
Aro >C10-C12 _A	-	-	-	-	-	<1	<1	mg/kg	1	A-T-055s
Aro >C12-C16 _A	-	-	-	-	-	<1	1	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	-	-	-	-	-	<1	1	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	-	-	-	-	-	<1	3	mg/kg	1	A-T-055s
Aro >C35-C40 _A	-	-	-	-	-	-	3	mg/kg	1	A-T-055s
Total Aromatics _A	-	-	-	-	-	-	11	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C40) _A	-	-	-	-	-	-	25	mg/kg	1	Calc-As Recd
EPH CWG GCxGC ID Interpretation _A @	-	-	-	-	-	-	Unknown aliphatic and aromatic hydrocarbons C16-C35			A-T-055s

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/1	25/09083/2	25/09083/4	25/09083/5	25/09083/6	25/09083/9	25/09083/10	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	1	1	2	1			
Client Sample ID	HA401	HA402	HA404	HA405	HA406	HA407	HA408			
Depth to Top	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Depth To Bottom	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Date Sampled	08-Aug-25	08-Aug-25	07-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code			4AE		4AE	4A	4AE			
BTEX - Benzene _A [#]	-	-	-	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	-	-	-	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	-	-	-	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	-	-	-	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	-	-	-	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
MTBE _A [#]	-	-	-	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C35-C40 _A	-	-	-	-	-	-	1	mg/kg	1	A-T-055s

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/1	25/09083/2	25/09083/4	25/09083/5	25/09083/6	25/09083/9	25/09083/10	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	1	1	2	1			
Client Sample ID	HA401	HA402	HA404	HA405	HA406	HA407	HA408			
Depth to Top	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Depth To Bottom	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Date Sampled	08-Aug-25	08-Aug-25	07-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code			4AE		4AE	4A	4AE			
Subsoil quality BS8601:2013 (with classification)										
% Clay _A	26.5	15.0	11.0	6.7	11.1	19.6	-	% w/w	0.1	Subcon Yara
% Silt _A	18.5	30.1	34.0	27.3	33.9	22.6	-	% w/w	0.1	Subcon Yara
% Sand _A	55.1	55.0	55.0	66.0	55.0	57.8	-	% w/w	0.1	Subcon Yara
Textural class	Sandy Clay Loam	Sandy Loam	Sandy Loam	Sandy Loam	Sandy Loam	Sandy Clay Loam	-			Calc
% Coarse Fragment Content >2mm _A	0.0	8.7	0.0	4.3	7.6	0.0	-	N/A	0	A-T-044
% Coarse Fragment Content >20mm _A	0.0	0.0	0.0	0.0	0.0	0.0	-	N/A	0	A-T-044
% Coarse Fragment Content >75mm _A	0.0	0.0	-	-	-	0.0	-	N/A	0	A-T-044
Carbonate as CaCO _{3D}	3.7	4.5	2.5	2.5	2.9	<0.8	-	% w/w	0.83	A-T-063
Electrical conductivity (CaSO ₄ extract) _D	2010	2120	2060	2130	2050	1510	-	µs/cm	10	A-T-037s
Loss on ignition (440°C) _D	3.7	2.9	4.2	5.9	3.1	1.8	-	% w/w	0.6	A-T-030s
Extractable Potassium (available) _D	106	331	260	373	210	191	-	mg/l	10	A-T-EXTMETS
Extractable Magnesium (available) _D	109	105	126	178	113	148	-	mg/l	10	A-T-EXTMETS
ESP (Exchangable Sodium Percentage)	1.6	0.6	-	-	-	1.4	-	%	0.1	Calc
Zinc (HNO ₃ extractable) _D	24	28	42	28	48	13	-	mg/kg	5	A-T-024s
Copper (HNO ₃ extractable) _D	8	9	20	12	23	5	-	mg/kg	1	A-T-024s
Nickel (HNO ₃ extractable) _D	15	13	6	5	6	10	-	mg/kg	1	A-T-024s
% Visible Contaminants >2mm _A	0.0	0.0	0.0	0.0	0.0	0.0	-	N/A	0	A-T-044
% Visible Contaminants Plastics _A	0.0	0.0	0.0	0.0	0.0	0.0	-	N/A	0	A-T-044
Sharps, number (in 1kg of sample) _A	0	0	0	0	0	0	-	N/A	0	A-T-044
Extractable Sodium (available) _D	51	15	-	-	-	34	-	mg/l	10	A-T-EXTMETS
Extractable Calcium (available) _D	2850	2220	-	-	-	1380	-	mg/l	10	A-T-EXTMETS

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/1	25/09083/2	25/09083/4	25/09083/5	25/09083/6	25/09083/9	25/09083/10	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	1	1	2	1			
Client Sample ID	HA401	HA402	HA404	HA405	HA406	HA407	HA408			
Depth to Top	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Depth To Bottom	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Date Sampled	08-Aug-25	08-Aug-25	07-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code			4AE		4AE	4A	4AE			
Topsoil quality BS3882:2015 (with classification)										
% Coarse Fragment Content >50mm _A	-	-	0.0	0.0	0.0	-	-	N/A	0	A-T-044
pH _D	-	-	6.15	6.56	6.46	-	-	pH	0.01	A-T-031s
Nitrogen, Total % _A	-	-	0.149	0.188	0.131	-	-	%	0.01	Subcon Yara
Extractable phosphorus _D	-	-	73	83	61	-	-	mg/l	5	A-T-EXTMETS PO4
Carbon:Nitrogen Ratio	-	-	16.6	18.5	13.9	-	-	:1	0.1	Calc-no stones
Acceptable textural classification?	-	-	Yes	Yes	Yes	-	-			Calc

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/1	25/09083/2	25/09083/4	25/09083/5	25/09083/6	25/09083/9	25/09083/10	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	1	1	2	1			
Client Sample ID	HA401	HA402	HA404	HA405	HA406	HA407	HA408			
Depth to Top	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Depth To Bottom	0.60	0.40	0.10	0.10	0.20	0.80	0.50			
Date Sampled	08-Aug-25	08-Aug-25	07-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code			4AE		4AE	4A	4AE			
TPH CWG with Clean Up										
Total Aliphatics _A	-	-	-	-	-	<1	-	mg/kg	1	Calc-As Recd
Total Aromatics _A	-	-	-	-	-	<1	-	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35) _A	-	-	-	-	-	<1	-	mg/kg	1	Calc-As Recd

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/13	25/09083/15	25/09083/22	25/09083/23	25/09083/25	25/09083/27	25/09083/29	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	2	1	2	2			
Client Sample ID	HA411	HA413	HA416	HA416	HA418	HA419	HA420			
Depth to Top	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Depth To Bottom	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Date Sampled	08-Aug-25	07-Aug-25	08-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	4AE	4AE	6AE		4AE	4A	4A			
% Moisture at <40C _A	-	-	8.1	-	-	-	13.2	% w/w	0.1	A-T-044
% Stones >10mm _A	14.3	<0.1	<0.1	-	<0.1	<0.1	<0.1	% w/w	0.1	A-T-044
pH _D ^{M#}	7.71	5.65	5.33	5.88	5.68	6.71	6.86	pH	0.01	A-T-031s
pH (As Rec'd Uncrushed Rock / Concrete / Solid) _A	-	-	6.12	-	-	-	7.36	pH	0.01	A-T-031s (AR)
Total Organic Carbon _D ^{M#}	2.14	1.27	2.02	-	0.74	-	0.17	% w/w	0.08	A-T-032s
Arsenic _D ^{M#}	7	4	5	-	3	-	3	mg/kg	1	A-T-024s
Cadmium _D	<1.0	<1.0	<1.0	-	<1.0	-	<1.0	mg/kg	1	A-T-024s
Copper _D ^{M#}	27	7	11	-	7	-	7	mg/kg	1	A-T-024s
Chromium _D ^{M#}	8	6	14	-	6	-	7	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1	-	<1	-	<1	mg/kg	1	A-T-040s
Lead _D ^{M#}	33	10	18	-	11	-	10	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#}	11	4	9	-	4	-	8	mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	<1	-	<1	-	<1	mg/kg	1	A-T-024s
Zinc _D ^{M#}	64	26	38	-	28	-	25	mg/kg	1	A-T-024s

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/13	25/09083/15	25/09083/22	25/09083/23	25/09083/25	25/09083/27	25/09083/29	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	2	1	2	2			
Client Sample ID	HA411	HA413	HA416	HA416	HA418	HA419	HA420			
Depth to Top	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Depth To Bottom	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Date Sampled	08-Aug-25	07-Aug-25	08-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	4AE	4AE	6AE		4AE	4A	4A			
Asbestos in Soil (inc. matrix)										
Asbestos in soil _D [#]	NAD	NAD	NAD	-	NAD	-	NAD			A-T-045
Asbestos Matrix (visual) _D	-	-	-	-	-	-	-			A-T-045
Asbestos Matrix (microscope) _D	-	-	-	-	-	-	-			A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	N/A	N/A	-	N/A	-	N/A			A-T-045
OCP+OPP Combined Pest Suite (incl. Atrazine and Simazine)										
Dichlobenil _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Tecnazene _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Trifluralin _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
alpha-Hexachlorocyclohexane (HCH) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Hexachlorobenzene (HCB) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Simazine _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Atrazine _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
beta-Hexachlorocyclohexane (HCH) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Quintozene (PCNB) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Chlorothalonil _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
delta-Hexachlorocyclohexane (HCH) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Triallate _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Heptachlor _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Aldrin _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Triadimefon _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Telodrin _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Isodrin _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Pendimethalin _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Heptachlor epoxide _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
trans-Chlordane (Gamma) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
o,p-DDE (2,4) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Endosulphan I (Alpha) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
cis-Chlordane (Alpha) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
p,p-DDE (4,4) _A	<0.01	-	0.02	-	<0.01	-	-	mg/kg	0.01	A-T-056
Dieldrin _A	<0.01	-	<0.01	-	0.15	-	-	mg/kg	0.01	A-T-056

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/13	25/09083/15	25/09083/22	25/09083/23	25/09083/25	25/09083/27	25/09083/29	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	2	1	2	2			
Client Sample ID	HA411	HA413	HA416	HA416	HA418	HA419	HA420			
Depth to Top	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Depth To Bottom	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Date Sampled	08-Aug-25	07-Aug-25	08-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	4AE	4AE	6AE		4AE	4A	4A			
o,p-DDD (2,4) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Endrin _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Endosulphan II (Beta) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
p,p-DDD (4,4) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
o,p-DDT (2,4) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Endrin Aldehyde _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Endrin Ketone _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Endosulphan Sulphate _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
p,p-DDT (4,4) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
o,p-Methoxychlor _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
p,p-Methoxychlor _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Permethrin I (cis) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Permethrin II (trans) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Dichlorvos _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Mevinphos _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Demeton-S _A	<0.50	-	<0.50	-	<0.50	-	-	mg/kg	0.5	A-T-056
Demeton-O _A	<0.50	-	<0.50	-	<0.50	-	-	mg/kg	0.5	A-T-056
Phorate _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Dimethoate _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Propetamphos _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Diazinon (Dimpylate) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Disulfoton _A	<0.10	-	<0.10	-	<0.10	-	-	mg/kg	0.1	A-T-056
Chlorpyrifos-methyl _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Parathion (Ethyl Parathion) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Methyl Parathion _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Pirimiphos-methyl _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Fenitrothion _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Fensulphothion _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Fenthion _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Malathion _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Chlorfenvinphos _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Chlorpyrifos _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Trichloronate _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Prothiofos (Tokuthion) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/13	25/09083/15	25/09083/22	25/09083/23	25/09083/25	25/09083/27	25/09083/29	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	2	1	2	2			
Client Sample ID	HA411	HA413	HA416	HA416	HA418	HA419	HA420			
Depth to Top	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Depth To Bottom	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Date Sampled	08-Aug-25	07-Aug-25	08-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	4AE	4AE	6AE		4AE	4A	4A			
Ethion _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Triazophos _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Carbophenothion _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Phosalone _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Azinphos-methyl _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Azinphos-ethyl _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
Coumaphos _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056
gamma-Hexachlorocyclohexane (HCH) _A	<0.01	-	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-056

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/13	25/09083/15	25/09083/22	25/09083/23	25/09083/25	25/09083/27	25/09083/29	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	2	1	2	2			
Client Sample ID	HA411	HA413	HA416	HA416	HA418	HA419	HA420			
Depth to Top	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Depth To Bottom	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Date Sampled	08-Aug-25	07-Aug-25	08-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	4AE	4AE	6AE		4AE	4A	4A			
PAH-16MS										
Acenaphthene _A ^{M#}	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	0.05	<0.01	<0.01	-	<0.01	-	<0.01	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	0.05	<0.02	<0.02	-	<0.02	-	<0.02	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	0.19	<0.04	<0.04	-	<0.04	-	<0.04	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	0.24	<0.04	<0.04	-	<0.04	-	<0.04	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	0.35	<0.05	<0.05	-	<0.05	-	<0.05	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	0.20	<0.05	<0.05	-	<0.05	-	<0.05	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	0.13	<0.07	<0.07	-	<0.07	-	<0.07	mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	0.24	<0.06	<0.06	-	<0.06	-	<0.06	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	0.05	<0.04	<0.04	-	<0.04	-	<0.04	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	0.33	<0.08	<0.08	-	<0.08	-	<0.08	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	0.21	<0.03	<0.03	-	<0.03	-	<0.03	mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	<0.03	<0.03	<0.03	-	<0.03	-	<0.03	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	0.06	<0.03	<0.03	-	<0.03	-	<0.03	mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	0.32	<0.07	<0.07	-	<0.07	-	<0.07	mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	2.42	<0.08	<0.08	-	<0.08	-	<0.08	mg/kg	0.01	A-T-019s

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/13	25/09083/15	25/09083/22	25/09083/23	25/09083/25	25/09083/27	25/09083/29	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	2	1	2	2			
Client Sample ID	HA411	HA413	HA416	HA416	HA418	HA419	HA420			
Depth to Top	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Depth To Bottom	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Date Sampled	08-Aug-25	07-Aug-25	08-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	4AE	4AE	6AE		4AE	4A	4A			
Triazine Herbicides (x 8)										
Atrazine _A	Appended	-	Appended	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
Cyanazine _A	Appended	-	Appended	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
Prometryn _A	Appended	-	Appended	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
Propazine _A	Appended	-	Appended	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
Trietazine _A	Appended	-	Appended	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
Simazine _A	Appended	-	Appended	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
Terbutylazine _A	Appended	-	Appended	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
Terbutryn _A	Appended	-	Appended	-	Appended	-	-	mg/kg	0.02	Subcon RPS MH
TPH CWG GCxGC (>C5-C40) with Clean Up & ID										
Ali >C5-C6 _A	<0.01	-	<0.01	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.01	-	<0.01	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<1	-	<1	-	-	<1	<1	mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<1	-	<1	-	-	<1	<1	mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	<1	-	<1	-	-	<1	<1	mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	2	-	<1	-	-	<1	<1	mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	43	-	17	-	-	<1	<1	mg/kg	1	A-T-055s
Total Aliphatics _A	-	-	20	-	-	-	<1	mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.01	-	<0.01	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.01	-	<0.01	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	2	-	2	-	-	<1	<1	mg/kg	1	A-T-055s
Aro >C10-C12 _A	<1	-	<1	-	-	<1	<1	mg/kg	1	A-T-055s
Aro >C12-C16 _A	2	-	1	-	-	<1	<1	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	5	-	2	-	-	<1	<1	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	21	-	7	-	-	<1	<1	mg/kg	1	A-T-055s
Aro >C35-C40 _A	-	-	2	-	-	-	<1	mg/kg	1	A-T-055s
Total Aromatics _A	-	-	14	-	-	-	<1	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C40) _A	-	-	34	-	-	-	<1	mg/kg	1	Calc-As Recd
EPH CWG GCxGC ID Interpretation _A @	-	-	Unknown aliphatic and aromatic hydrocarbons C16-C35	-	-	-	N/A			A-T-055s

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/13	25/09083/15	25/09083/22	25/09083/23	25/09083/25	25/09083/27	25/09083/29	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	2	1	2	2			
Client Sample ID	HA411	HA413	HA416	HA416	HA418	HA419	HA420			
Depth to Top	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Depth To Bottom	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Date Sampled	08-Aug-25	07-Aug-25	08-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	4AE	4AE	6AE		4AE	4A	4A			
BTEX - Benzene _A [#]	<0.01	-	<0.01	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.01	-	<0.01	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.01	-	<0.01	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.01	-	<0.01	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.01	-	<0.01	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
MTBE _A [#]	<0.01	-	<0.01	-	-	<0.01	<0.01	mg/kg	0.01	A-T-022s
Ali >C35-C40 _A	-	-	2	-	-	-	<1	mg/kg	1	A-T-055s

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/13	25/09083/15	25/09083/22	25/09083/23	25/09083/25	25/09083/27	25/09083/29	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	2	1	2	2			
Client Sample ID	HA411	HA413	HA416	HA416	HA418	HA419	HA420			
Depth to Top	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Depth To Bottom	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Date Sampled	08-Aug-25	07-Aug-25	08-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	4AE	4AE	6AE		4AE	4A	4A			
Subsoil quality BS8601:2013 (with classification)										
% Clay _A	8.5	11.6	12.0	19.2	13.8	22.3	-	% w/w	0.1	Subcon Yara
% Silt _A	39.8	16.8	19.7	32.0	24.0	25.8	-	% w/w	0.1	Subcon Yara
% Sand _A	51.7	71.6	68.2	48.8	62.2	51.9	-	% w/w	0.1	Subcon Yara
Textural class	Sandy Loam	Sandy Loam	Sandy Loam	Clay Loam	Sandy Loam	Sandy Clay Loam	-			Calc
% Coarse Fragment Content >2mm _A	27.1	0.0	0.0	0.0	0.0	0.0	-	N/A	0	A-T-044
% Coarse Fragment Content >20mm _A	0.0	0.0	0.0	0.0	0.0	0.0	-	N/A	0	A-T-044
% Coarse Fragment Content >75mm _A	-	-	-	0.0	-	0.0	-	N/A	0	A-T-044
Carbonate as CaCO _{3D}	7.0	1.2	2.0	2.5	1.6	1.2	-	% w/w	0.83	A-T-063
Electrical conductivity (CaSO ₄ extract) _D	1810	2050	2040	2020	2030	2020	-	µs/cm	10	A-T-037s
Loss on ignition (440°C) _D	3.1	3.4	6.2	4.1	3.3	2.1	-	% w/w	0.6	A-T-030s
Extractable Potassium (available) _D	238	224	237	224	159	147	-	mg/l	10	A-T-EXTMETS
Extractable Magnesium (available) _D	60.1	151	181	146	97.8	177	-	mg/l	10	A-T-EXTMETS
ESP (Exchangeable Sodium Percentage)	-	-	-	1.1	-	2.0	-	%	0.1	Calc
Zinc (HNO ₃ extractable) _D	47	28	39	42	32	18	-	mg/kg	5	A-T-024s
Copper (HNO ₃ extractable) _D	25	7	10	11	8	6	-	mg/kg	1	A-T-024s
Nickel (HNO ₃ extractable) _D	18	5	9	11	5	5	-	mg/kg	1	A-T-024s
% Visible Contaminants >2mm _A	0.0	0.0	0.0	0.0	0.0	0.0	-	N/A	0	A-T-044
% Visible Contaminants Plastics _A	0.0	0.0	0.0	0.0	0.0	0.0	-	N/A	0	A-T-044
Sharps, number (in 1kg of sample) _A	0	0	0	0	0	0	-	N/A	0	A-T-044
Extractable Sodium (available) _D	-	-	-	22	-	29	-	mg/l	10	A-T-EXTMETS
Extractable Calcium (available) _D	-	-	-	1640	-	1170	-	mg/l	10	A-T-EXTMETS

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/13	25/09083/15	25/09083/22	25/09083/23	25/09083/25	25/09083/27	25/09083/29	Units	Limit of Detection	Method ref
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Client Sample ID	HA411	HA413	HA416	HA416	HA418	HA419	HA420			
Depth to Top	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Depth To Bottom	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Date Sampled	08-Aug-25	07-Aug-25	08-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	4AE	4AE	6AE		4AE	4A	4A			
Topsoil quality BS3882:2015 (with classification)										
% Coarse Fragment Content >50mm _A	0.0	0.0	0.0	-	0.0	-	-	N/A	0	A-T-044
pH _D	8.34	6.15	5.68	-	5.75	-	-	pH	0.01	A-T-031s
Nitrogen, Total % _A	0.084	0.115	0.139	-	0.067	-	-	%	0.01	Subcon Yara
Extractable phosphorus _D	33	56	59	-	79	-	-	mg/l	5	A-T-EXTMETS PO4
Carbon:Nitrogen Ratio	25.2	17.4	26.2	-	29.0	-	-	:1	0.1	Calc-no stones
Acceptable textural classification?	Yes	Yes	Yes	-	Yes	-	-			Calc

Envirolab Job Number: 25/09083

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09083/13	25/09083/15	25/09083/22	25/09083/23	25/09083/25	25/09083/27	25/09083/29	Units	Limit of Detection	Method ref
Client Sample No	1	1	1	2	1	2	2			
Client Sample ID	HA411	HA413	HA416	HA416	HA418	HA419	HA420			
Depth to Top	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Depth To Bottom	0.05	0.05	0.10	0.20	0.10	0.50	0.50			
Date Sampled	08-Aug-25	07-Aug-25	08-Aug-25	08-Aug-25	07-Aug-25	07-Aug-25	08-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	4AE	4AE	6AE		4AE	4A	4A			
TPH CWG with Clean Up										
Total Aliphatics _A	44	-	-	-	-	<1	-	mg/kg	1	Calc-As Recd
Total Aromatics _A	30	-	-	-	-	<1	-	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35) _A	74	-	-	-	-	<1	-	mg/kg	1	Calc-As Recd

Report Notes

General

- This report shall not be reproduced, except in full, without written approval from Envirolab.
- The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client and can affect the validity of results.
- 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 within the same delivery, will be disposed of **four weeks** after the 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 our scope of accreditation.
- A deviating sample 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.
- If a sample is outside of the calibration range or affected by interferences then it may need diluting. This will result in the limit of detection (LOD) being raised.
- Subcontracted Analysis: Please see the appended report for any deviations, current LODs and accreditation status of the test.

Key

Superscript “#”	Accredited to ISO 17025
Superscript “M”	Accredited to MCertS
Superscript “U”	Individual result not accredited
None of the above symbols	Analysis unaccredited
Subscript “A”	Analysis performed on as-received Sample
Subscript “D”	Analysis performed on the dried sample, crushed to pass 2mm sieve.
Subscript “D” on Asbestos	Analysis performed on a dried aliquot of sample provided.
Subscript “A”	Analysis has dependant options against results. Details appear in the comments of your Sample receipt
IS	Insufficient Sample for analysis
US	Unsuitable Sample for analysis
NDP	No Determination Possible
NAD	No Asbestos Detected
Trace	Asbestos found not suitable for Gravimetric Quantification – not enough to accurately weigh.
N/A	Not applicable

Asbestos

Identification: 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

“Trace Asbestos Identified” will be reported if there is not enough present to verify the type.

Assigned Matrix Codes

1	SAND	6	CLAY/LOAM	A	Contains Stones
2	LOAM	7	OTHER	B	Contains Construction Rubble
3	CLAY	8	Asbestos Bulk (Only Asbestos ID accredited)	C	Contains visible hydrocarbons
4	LOAM/SAND	9	Incinerator Ash (some Metals accredited)	D	Contains glass / metal
5	SAND/CLAY			E	Contains roots / twigs

Note: 7,8,9 matrices are not covered by our ISO 17025 or MCertS accreditation, unless stated above.

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 by method A-T-007:

For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.

Results “with Clean up” indicates samples cleaned up with Silica during extraction.

EPH CWG (method A-T-055) from TPH CWG:

EPH CWG results have humics mathematically subtracted through instrument calculation.

Where these humic substances have been identified in any IDs from “TPH CWG with clean up” please note that the concentration is **NOT** included in the quantified results but present in the ID for information.

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.

Please contact your client manager if you require any further information.

Envirolab Deviating Samples Report

Hattersley Science & Technology Park, Stockport Road, Hattersley, SK14 3QU
Tel. 0161 368 4921 email. ask@envlab.co.uk

Client:	RSK Environment Ltd (Leap Pease Pottage), 1 Forest Park Way, Pease Pottage, West Sussex, RH11 9ZG	Project No:	25/09083
Project:	New Place Farm	Date Received:	18/08/2025 (am)
Clients Project No:	375966	Cool Box Temperatures (°C):	17.6, 18.1, 17.3, 19.4, 19.2

NO DEVIATIONS IDENTIFIED

If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3, ISO 18400-102:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Envirolab Analysis Dates

Lab Sample ID	25/09083/1	25/09083/2	25/09083/4	25/09083/5	25/09083/6	25/09083/9	25/09083/10	25/09083/13	25/09083/15	25/09083/22	25/09083/23	25/09083/25
Client Sample No	1	1	1	1	1	2	1	1	1	1	2	1
Client Sample ID/Depth	HA401 0.60-0.60m	HA402 0.40-0.40m	HA404 0.10-0.10m	HA405 0.10-0.10m	HA406 0.20-0.20m	HA407 0.80-0.80m	HA408 0.50-0.50m	HA411 0.05-0.05m	HA413 0.05-0.05m	HA416 0.10-0.10m	HA416 0.20-0.20m	HA418 0.10-0.10m
Date Sampled	08/08/25	08/08/25	07/08/25	08/08/25	07/08/25	07/08/25	08/08/25	08/08/25	07/08/25	08/08/25	08/08/25	07/08/25
A-T-004s							26/08/2025			26/08/2025		
A-T-007s							22/08/2025			22/08/2025		
A-T-019s			22/08/2025		22/08/2025		22/08/2025	22/08/2025	22/08/2025	22/08/2025		22/08/2025
A-T-022s						27/08/2025	27/08/2025	27/08/2025		27/08/2025		
A-T-024s	29/08/2025	29/08/2025	29/08/2025	29/08/2025	29/08/2025	29/08/2025	22/08/2025	29/08/2025	29/08/2025	29/08/2025	29/08/2025	29/08/2025
A-T-025w							27/08/2025			27/08/2025		
A-T-026w							27/08/2025			27/08/2025		
A-T-026w (F)							27/08/2025			27/08/2025		
A-T-030s	28/08/2025	28/08/2025	28/08/2025	28/08/2025	28/08/2025	28/08/2025	22/08/2025	28/08/2025	28/08/2025	22/08/2025	28/08/2025	28/08/2025
A-T-031s	28/08/2025	28/08/2025	28/08/2025	28/08/2025	28/08/2025	26/08/2025	27/08/2025	28/08/2025	28/08/2025	28/08/2025	28/08/2025	28/08/2025
A-T-031s (AR)							26/08/2025			26/08/2025		
A-T-031w							27/08/2025			27/08/2025		
A-T-032s			22/08/2025		22/08/2025		22/08/2025	22/08/2025	22/08/2025	22/08/2025		22/08/2025
A-T-032w							27/08/2025			27/08/2025		
A-T-037s	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025		10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
A-T-037w							27/08/2025			27/08/2025		
A-T-040s			22/08/2025		22/08/2025		22/08/2025	22/08/2025	22/08/2025	22/08/2025		22/08/2025
A-T-044	28/08/2025	28/08/2025	27/08/2025	27/08/2025	27/08/2025	28/08/2025	21/08/2025	27/08/2025	27/08/2025	27/08/2025	28/08/2025	27/08/2025
A-T-045			20/08/2025		20/08/2025		20/08/2025	20/08/2025	20/08/2025	20/08/2025		20/08/2025
A-T-050w							27/08/2025			27/08/2025		
A-T-055s						22/08/2025	27/08/2025	22/08/2025		27/08/2025		
A-T-056					22/08/2025			22/08/2025		22/08/2025		22/08/2025
A-T-063	01/09/2025	01/09/2025	01/09/2025	01/09/2025	01/09/2025	01/09/2025		01/09/2025	01/09/2025	01/09/2025	01/09/2025	01/09/2025
A-T-ANCs							27/08/2025			27/08/2025		
A-T-EXTMETS	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025		10/09/2025	10/09/2025	10/09/2025	10/09/2025	10/09/2025
A-T-EXTMETS PO4			28/08/2025	28/08/2025	28/08/2025			28/08/2025	28/08/2025	28/08/2025		28/08/2025
Calc	10/09/2025	10/09/2025	05/09/2025	05/09/2025	05/09/2025	10/09/2025		05/09/2025	05/09/2025	05/09/2025	10/09/2025	05/09/2025
Calc-As Recd						27/08/2025	27/08/2025	27/08/2025		27/08/2025		
Calc-no stones			05/09/2025	05/09/2025	05/09/2025		27/08/2025	05/09/2025	05/09/2025	05/09/2025		05/09/2025
Gravimetry	28/08/2025	28/08/2025	28/08/2025	28/08/2025	28/08/2025	28/08/2025		28/08/2025	28/08/2025	28/08/2025	28/08/2025	28/08/2025
Probe (w)							27/08/2025			27/08/2025		

Lab Sample ID	25/09083/27	25/09083/29
Client Sample No	2	2
Client Sample ID/Depth	HA419 0.50-0.50m	HA420 0.50-0.50m
Date Sampled	07/08/25	08/08/25
A-T-004s		26/08/2025
A-T-007s		22/08/2025
A-T-019s		22/08/2025
A-T-022s	27/08/2025	27/08/2025
A-T-024s	29/08/2025	22/08/2025
A-T-025w		27/08/2025
A-T-026w		27/08/2025
A-T-026w (F)		27/08/2025
A-T-030s	28/08/2025	22/08/2025
A-T-031s	28/08/2025	27/08/2025
A-T-031s (AR)		26/08/2025
A-T-031w		27/08/2025
A-T-032s		22/08/2025
A-T-032w		27/08/2025
A-T-037s	10/09/2025	
A-T-037w		27/08/2025
A-T-040s		22/08/2025
A-T-044	28/08/2025	21/08/2025
A-T-045		20/08/2025
A-T-050w		27/08/2025
A-T-055s	22/08/2025	27/08/2025
A-T-056		
A-T-063	01/09/2025	
A-T-ANCs		27/08/2025
A-T-EXTMETS	10/09/2025	
A-T-EXTMETS PO4		
Calc	10/09/2025	
Calc-As Recd	27/08/2025	27/08/2025
Calc-no stones		27/08/2025
Gravimetry	28/08/2025	
Probe (w)		27/08/2025

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

End of Report

Final Test Report

Envirolab Job Number: 25/09083
Issue Number: 1
Date: 27-Aug-25

Client: RSK Environment Ltd (Leap Pease Pottage)
1 Forest Park Way
Pease Pottage
West Sussex,
RH11 9ZG

Project Manager: *USE GeoGldata@rsk.co.uk/Harry Punter/Rory MacDona
Project Name: New Place Farm
Project Ref: 375966
Order No: N/A

Date Samples Received: 11-Aug-25
Date Instructions Received: 18-Aug-25
Date Analysis Completed: 27-Aug-25

Notes - Soil analysis

All results are reported as dry weight (<40°C).

For samples with Matrix Codes 1 - 6 natural stones >10mm are removed or excluded from the sample prior to analysis and reported results corrected to a whole sample basis.

For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis.

Notes - General

This report shall not be reproduced, except in full, without written approval from Envirolab.

Subscript "A" indicates analysis performed on the sample as received. "D" indicates analysis performed on the dried sample, crushed to pass a 2mm sieve, unless asbestos is found to be present in which case all analysis is performed on the sample as received.

All analysis is performed on the dried and crushed sample for samples with Matrix Code 7 and this supercedes any "A" subscripts.

All analysis is performed on the sample as received for soil samples from outside the European Union and this supercedes any "D" subscripts

For complex, multi-compound analysis, quality control results do not always fall within chart limits for every compound and we have criteria for reporting in these situations.

If results are in italic font they are associated with such quality control failures and may be 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

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

Secondary Matrix Codes: A = contains stones, B = contains construction rubble, C = contains visible hydrocarbons, D = contains glass/metal, E = contains roots/twigs.

IS indicates Insufficient sample for analysis, NDP indicates No Determination Possible and NAD indicates No Asbestos Detected.

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.

Please contact us if you need any further information.

HWOL TPH Code: EH_CU_1D_AL: Extractable hydrocarbons - i.e. everything extracted by the solvent(s), Clean-up - e.g. by florisil, silica gel, GC - Single coil gas chromatography, Aliphatics only

Approved by:


Gemma Berrisford
Deputy Client Services Supervisor

Sample Details									
Lab Sample ID	Method	ISO17025	MCERTS	25/09083/10	Landfill Waste Acceptance Criteria Limits				
Client Sample Number				1	Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill		
Client Sample ID				HA408					
Depth to Top				0.5					
Depth to Bottom				0.50					
Date Sampled				08/08/2025					
Sample Type				Soil - ES					
Sample Matrix Code				4AE					
Solid Waste Analysis									
pH (pH Units) _D	A-T-031	N	N	7.04		-	>6	-	
ANC to pH 4 (mol/kg) _D	A-T-ANC	N	N	0.04		-	to be evaluated	to be evaluated	
ANC to pH 6 (mol/kg) _D	A-T-ANC	N	N	0.02		-	to be evaluated	to be evaluated	
Loss on Ignition (%) _D	A-T-030	N	N	4.5		-	-	10	
Total Organic Carbon (%) _D	A-T-032	N	N	1.72		3	5	6	
PAH Sum of 17 (mg/kg) _A	A-T-019	N	N	<0.08		100	-	-	
Mineral Oil (mg/kg) _{A EH_CU_1D_AL}	A-T-007	N	N	<10		500	-	-	
Sum of 7 PCBs (mg/kg) _A	A-T-004	N	N	<0.007		1	-	-	
Sum of BTEX (mg/kg) _A	A-T-022	N	N	<0.01		6	-	-	
Eluate Analysis				10:1	Limit values for compliance leaching test using				
				mg/l	mg/kg	BS EN 12457-2 at L/S 10 l/kg (mg/kg)			
Arsenic	A-T-025	N	N	0.005	0.050	0.5	2	25	
Barium	A-T-025	N	N	0.015	0.150	20	100	300	
Cadmium	A-T-025	N	N	<0.001	<0.01	0.04	1	5	
Chromium	A-T-025	N	N	<0.001	<0.01	0.5	10	70	
Copper	A-T-025	N	N	0.005	0.050	2	50	100	
Mercury	A-T-025	N	N	<0.0005	<0.005	0.01	0.2	2	
Molybdenum	A-T-025	N	N	<0.001	<0.01	0.5	10	30	
Nickel	A-T-025	N	N	<0.002	<0.02	0.4	10	40	
Lead	A-T-025	N	N	<0.001	<0.01	0.5	10	50	
Antimony	A-T-025	N	N	<0.001	<0.01	0.06	0.7	5	
Selenium	A-T-025	N	N	<0.001	<0.01	0.1	0.5	7	
Zinc	A-T-025	N	N	0.022	0.220	4	50	200	
Chloride	A-T-026	N	N	1	14	800	15000	25000	
Fluoride	A-T-026	N	N	0.3	3.0	10	150	500	
Sulphate as SO ₄	A-T-026	N	N	<1.00	<10	1000	20000	50000	
Total Dissolved Solids	A-T-035	N	N	58	580	4000	60000	100000	
Phenol Index	A-T-050	N	N	<0.01	<0.1	1	-	-	
Dissolved Organic Carbon	A-T-032	N	N	<2.0	<200	500	800	1000	
Leach Test Information									
pH (pH Units)	A-T-031	N	N	7.5					
Conductivity (µS/cm)	A-T-037	N	N	116					
Mass Sample (kg)				0.2					
Dry Matter (%)	A-T-044	N	N	87.4					
Stated acceptance limits are for guidance only and Envirolab cannot be held responsible for any discrepancies with current legislation									

Sample Details					Landfill Waste Acceptance Criteria Limits			
Lab Sample ID	Method	ISO17025	MCERTS	25/09083/22				
Client Sample Number				1				
Client Sample ID				HA416				
Depth to Top				0.1				
Depth to Bottom				0.10				
Date Sampled				08/08/2025				
Sample Type				Soil - ES				
Sample Matrix Code				6AE				
Solid Waste Analysis								
pH (pH Units) _D	A-T-031	N	N	5.33		-	>6	-
ANC to pH 4 (mol/kg) _D	A-T-ANC	N	N	0.03		-	to be evaluated	to be evaluated
ANC to pH 6 (mol/kg) _D	A-T-ANC	N	N	0.01		-	to be evaluated	to be evaluated
Loss on Ignition (%) _D	A-T-030	N	N	5.5		-	-	10
Total Organic Carbon (%) _D	A-T-032	N	N	2.02		3	5	6
PAH Sum of 17 (mg/kg) _A	A-T-019	N	N	<0.08		100	-	-
Mineral Oil (mg/kg) _{A EH_CU_1D_AL}	A-T-007	N	N	<10		500	-	-
Sum of 7 PCBs (mg/kg) _A	A-T-004	N	N	<0.007		1	-	-
Sum of BTEX (mg/kg) _A	A-T-022	N	N	<0.01		6	-	-
Eluate Analysis				10:1 mg/l	10:1 mg/kg	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic	A-T-025	N	N	0.002	0.020	0.5	2	25
Barium	A-T-025	N	N	0.010	0.100	20	100	300
Cadmium	A-T-025	N	N	<0.001	<0.01	0.04	1	5
Chromium	A-T-025	N	N	0.001	0.010	0.5	10	70
Copper	A-T-025	N	N	0.007	0.070	2	50	100
Mercury	A-T-025	N	N	<0.0005	<0.005	0.01	0.2	2
Molybdenum	A-T-025	N	N	<0.001	<0.01	0.5	10	30
Nickel	A-T-025	N	N	0.003	0.030	0.4	10	40
Lead	A-T-025	N	N	0.002	0.020	0.5	10	50
Antimony	A-T-025	N	N	<0.001	<0.01	0.06	0.7	5
Selenium	A-T-025	N	N	<0.001	<0.01	0.1	0.5	7
Zinc	A-T-025	N	N	0.027	0.270	4	50	200
Chloride	A-T-026	N	N	1	15	800	15000	25000
Fluoride	A-T-026	N	N	0.2	2.0	10	150	500
Sulphate as SO ₄	A-T-026	N	N	1	11	1000	20000	50000
Total Dissolved Solids	A-T-035	N	N	<20	<200	4000	60000	100000
Phenol Index	A-T-050	N	N	<0.01	<0.1	1	-	-
Dissolved Organic Carbon	A-T-032	N	N	<2.0	<200	500	800	1000
Leach Test Information								
pH (pH Units)	A-T-031	N	N	6.2				
Conductivity (µS/cm)	A-T-037	N	N	23				
Mass Sample (kg)				0.19				
Dry Matter (%)	A-T-044	N	N	92.3				
Stated acceptance limits are for guidance only and Envirolab cannot be held responsible for any discrepancies with current legislation								

Sample Details								
Lab Sample ID	Method	ISO17025	MCERTS	25/09083/29	Landfill Waste Acceptance Criteria Limits			
Client Sample Number				2	Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill	
Client Sample ID				HA420				
Depth to Top				0.5				
Depth to Bottom				0.50				
Date Sampled				08/08/2025				
Sample Type				Soil - ES				
Sample Matrix Code				4A				
Solid Waste Analysis								
pH (pH Units) _D	A-T-031	N	N	6.86	-	>6	-	
ANC to pH 4 (mol/kg) _D	A-T-ANC	N	N	0.08	-	to be evaluated	to be evaluated	
ANC to pH 6 (mol/kg) _D	A-T-ANC	N	N	0.02	-	to be evaluated	to be evaluated	
Loss on Ignition (%) _D	A-T-030	N	N	1.4	-	-	10	
Total Organic Carbon (%) _D	A-T-032	N	N	0.17	3	5	6	
PAH Sum of 17 (mg/kg) _A	A-T-019	N	N	<0.08	100	-	-	
Mineral Oil (mg/kg) _{A EH_CU_1D_AL}	A-T-007	N	N	<10	500	-	-	
Sum of 7 PCBs (mg/kg) _A	A-T-004	N	N	<0.007	1	-	-	
Sum of BTEX (mg/kg) _A	A-T-022	N	N	<0.01	6	-	-	
Eluate Analysis				10:1 mg/l	10:1 mg/kg	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic	A-T-025	N	N	0.001	0.010	0.5	2	25
Barium	A-T-025	N	N	0.045	0.450	20	100	300
Cadmium	A-T-025	N	N	<0.001	<0.01	0.04	1	5
Chromium	A-T-025	N	N	<0.001	<0.01	0.5	10	70
Copper	A-T-025	N	N	<0.004	<0.04	2	50	100
Mercury	A-T-025	N	N	<0.0005	<0.005	0.01	0.2	2
Molybdenum	A-T-025	N	N	<0.001	<0.01	0.5	10	30
Nickel	A-T-025	N	N	<0.002	<0.02	0.4	10	40
Lead	A-T-025	N	N	0.003	0.030	0.5	10	50
Antimony	A-T-025	N	N	<0.001	<0.01	0.06	0.7	5
Selenium	A-T-025	N	N	<0.001	<0.01	0.1	0.5	7
Zinc	A-T-025	N	N	0.024	0.240	4	50	200
Chloride	A-T-026	N	N	2	24	800	15000	25000
Fluoride	A-T-026	N	N	0.4	4.0	10	150	500
Sulphate as SO ₄	A-T-026	N	N	13	134	1000	20000	50000
Total Dissolved Solids	A-T-035	N	N	<20	<200	4000	60000	100000
Phenol Index	A-T-050	N	N	<0.01	<0.1	1	-	-
Dissolved Organic Carbon	A-T-032	N	N	<2.0	<200	500	800	1000
Leach Test Information								
pH (pH Units)	A-T-031	N	N	6.1				
Conductivity (µS/cm)	A-T-037	N	N	25				
Mass Sample (kg)				0.203				
Dry Matter (%)	A-T-044	N	N	86.4				
Stated acceptance limits are for guidance only and Envirolab cannot be held responsible for any discrepancies with current legislation								

FINAL ANALYTICAL TEST REPORT

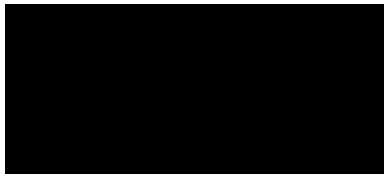
Envirolab Job Number: 25/09166
Issue Number: 1

Date: 25 September, 2025

Client: RSK Environment Ltd (Leap Pease Pottage)
1 Forest Park Way
Pease Pottage
West Sussex,
RH11 9ZG

Project Manager: *USE GeoGldata@rsk.co.uk/Ladislav Stehlik/Rory Mac
Project Name: New Place Farm
Project Ref: 375966
Order No: N/A
Date Samples Received: 19/08/25
Date Instructions Received: 20/08/25
Date Analysis Completed: 25/09/25

Approved by:



Gemma Berrisford
Deputy Client Services Supervisor

Envirolab Job Number: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/1	25/09166/2	25/09166/3	25/09166/4	25/09166/5	25/09166/6	25/09166/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SP2-1	SP2-2	SP2-3	SP2-3	TP405	TP406	TP414			
Depth to Top	0.15	0.10	0.10	0.20	0.20	0.20	0.10			
Depth To Bottom										
Date Sampled	15-Aug-25	15-Aug-25	15-Aug-25	15-Aug-25	14-Aug-25	14-Aug-25	13-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	6AE	4AE	4AE	4A	4A	4AE	4ADE			
% Moisture at <40C _A	11.1	8.7	20.6	-	10.4	-	-	% w/w	0.1	A-T-044
% Stones >10mm _A	2.8	2.8	5.2	4.6	<0.1	<0.1	7.0	% w/w	0.1	A-T-044
Asbestos in soil _D [#]	NAD	NAD	NAD	NAD	NAD	NAD	NAD			A-T-045
Asbestos Matrix (visual) _D	-	-	-	-	-	-	-			A-T-045
Asbestos Matrix (microscope) _D	-	-	-	-	-	-	-			A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	N/A	N/A	N/A	N/A	N/A	N/A			A-T-045
pH _D ^{M#}	-	-	6.98	6.95	5.49	6.11	6.80	pH	0.01	A-T-031s
pH (As Rec'd Uncrushed Rock / Concrete / Solid) _A	7.65	7.30	7.02	-	6.32	-	-	pH	0.01	A-T-031s (AR)
Total Organic Carbon _D ^{M#}	-	-	11.9	1.77	0.68	2.15	0.75	% w/w	0.08	A-T-032s
Arsenic _D ^{M#}	26	6	9	6	5	3	6	mg/kg	1	A-T-024s
Cadmium _D	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	mg/kg	1	A-T-024s
Copper _D ^{M#}	78	17	30	12	30	15	14	mg/kg	1	A-T-024s
Chromium _D ^{M#}	26	13	15	11	9	6	7	mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-040s
Lead _D ^{M#}	25	14	17	10	15	16	17	mg/kg	1	A-T-024s
Mercury _D	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	10	9	8	10	5	5	6	mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	<1	<1	<1	<1	<1	mg/kg	1	A-T-024s
Zinc _D ^{M#}	157	46	248	63	32	38	52	mg/kg	1	A-T-024s

Envirolab Job Number: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/1	25/09166/2	25/09166/3	25/09166/4	25/09166/5	25/09166/6	25/09166/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SP2-1	SP2-2	SP2-3	SP2-3	TP405	TP406	TP414			
Depth to Top	0.15	0.10	0.10	0.20	0.20	0.20	0.10			
Depth To Bottom										
Date Sampled	15-Aug-25	15-Aug-25	15-Aug-25	15-Aug-25	14-Aug-25	14-Aug-25	13-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	6AE	4AE	4AE	4A	4A	4AE	4ADE			
OCP+OPP Combined Pest Suite (excl. 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
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
gamma-Hexachlorocyclohexane (HCH) _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
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

Envirolab Job Number: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/1	25/09166/2	25/09166/3	25/09166/4	25/09166/5	25/09166/6	25/09166/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SP2-1	SP2-2	SP2-3	SP2-3	TP405	TP406	TP414			
Depth to Top	0.15	0.10	0.10	0.20	0.20	0.20	0.10			
Depth To Bottom										
Date Sampled	15-Aug-25	15-Aug-25	15-Aug-25	15-Aug-25	14-Aug-25	14-Aug-25	13-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	6AE	4AE	4AE	4A	4A	4AE	4ADE			
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
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: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/1	25/09166/2	25/09166/3	25/09166/4	25/09166/5	25/09166/6	25/09166/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SP2-1	SP2-2	SP2-3	SP2-3	TP405	TP406	TP414			
Depth to Top	0.15	0.10	0.10	0.20	0.20	0.20	0.10			
Depth To Bottom										
Date Sampled	15-Aug-25	15-Aug-25	15-Aug-25	15-Aug-25	14-Aug-25	14-Aug-25	13-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	6AE	4AE	4AE	4A	4A	4AE	4ADE			
PAH-16MS										
Acenaphthene _A ^{M#}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.06	mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.05	mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.07	mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.06	mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	0.08	mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	0.14	mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	<0.03	<0.03	<0.03	<0.03	0.07	<0.03	0.07	mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.06	mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	0.11	mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	0.70	mg/kg	0.01	A-T-019s

Envirolab Job Number: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/1	25/09166/2	25/09166/3	25/09166/4	25/09166/5	25/09166/6	25/09166/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SP2-1	SP2-2	SP2-3	SP2-3	TP405	TP406	TP414			
Depth to Top	0.15	0.10	0.10	0.20	0.20	0.20	0.10			
Depth To Bottom										
Date Sampled	15-Aug-25	15-Aug-25	15-Aug-25	15-Aug-25	14-Aug-25	14-Aug-25	13-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	6AE	4AE	4AE	4A	4A	4AE	4ADE			
Triazine Herbicides (x 8)										
Atrazine _A	-	-	-	-	-	Appended	-	mg/kg	0.02	Subcon RPS MH
Cyanazine _A	-	-	-	-	-	Appended	-	mg/kg	0.02	Subcon RPS MH
Prometryn _A	-	-	-	-	-	Appended	-	mg/kg	0.02	Subcon RPS MH
Propazine _A	-	-	-	-	-	Appended	-	mg/kg	0.02	Subcon RPS MH
Trietazine _A	-	-	-	-	-	Appended	-	mg/kg	0.02	Subcon RPS MH
Simazine _A	-	-	-	-	-	Appended	-	mg/kg	0.02	Subcon RPS MH
Terbutylazine _A	-	-	-	-	-	Appended	-	mg/kg	0.02	Subcon RPS MH
Terbutryn _A	-	-	-	-	-	Appended	-	mg/kg	0.02	Subcon RPS MH
TPH CWG GCxGC (>C5-C40) with Clean Up & ID										
Ali >C5-C6 _A	<0.10	<0.01	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.10	<0.01	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<1	<1	<100	-	<1	-	-	mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<1	<1	<100	-	<1	-	-	mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	2	<1	121	-	<1	-	-	mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	7	3	683	-	1	-	-	mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	28	16	21000	-	10	-	-	mg/kg	1	A-T-055s
Total Aliphatics _A	43	21	25700	-	11	-	-	mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.10	<0.01	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.10	<0.01	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	3	4	288	-	<1	-	-	mg/kg	1	A-T-055s
Aro >C10-C12 _A	1	1	<100	-	<1	-	-	mg/kg	1	A-T-055s
Aro >C12-C16 _A	3	1	134	-	<1	-	-	mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	7	2	331	-	2	-	-	mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	12	7	321	-	3	-	-	mg/kg	1	A-T-055s
Aro >C35-C40 _A	5	3	318	-	<1	-	-	mg/kg	1	A-T-055s
Total Aromatics _A	32	19	1400	-	6	-	-	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C40) _A	74	40	27000	-	17	-	-	mg/kg	1	Calc-As Recd
EPH CWG GCxGC ID Interpretation _A @	Unknown mixture of aliphatic and aromatic hydrocarbon	Profile indicative of motor oil	Unknown mixture of aliphatic and aromatic hydrocarbon	-	Unknown mixture of aliphatic and aromatic hydrocarbon	-	-			A-T-055s

Envirolab Job Number: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/1	25/09166/2	25/09166/3	25/09166/4	25/09166/5	25/09166/6	25/09166/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SP2-1	SP2-2	SP2-3	SP2-3	TP405	TP406	TP414			
Depth to Top	0.15	0.10	0.10	0.20	0.20	0.20	0.10			
Depth To Bottom										
Date Sampled	15-Aug-25	15-Aug-25	15-Aug-25	15-Aug-25	14-Aug-25	14-Aug-25	13-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	6AE	4AE	4AE	4A	4A	4AE	4ADE			
	S		S		S					
BTEX - Benzene _A [#]	<0.10	<0.01	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.10	<0.01	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.10	<0.01	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.10	<0.01	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.10	<0.01	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-022s
MTBE _A [#]	<0.10	<0.01	<0.01	-	<0.01	-	-	mg/kg	0.01	A-T-022s
Ali >C35-C40 _A	5	2	3800	-	<1	-	-	mg/kg	1	A-T-055s

Envirolab Job Number: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/1	25/09166/2	25/09166/3	25/09166/4	25/09166/5	25/09166/6	25/09166/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SP2-1	SP2-2	SP2-3	SP2-3	TP405	TP406	TP414			
Depth to Top	0.15	0.10	0.10	0.20	0.20	0.20	0.10			
Depth To Bottom										
Date Sampled	15-Aug-25	15-Aug-25	15-Aug-25	15-Aug-25	14-Aug-25	14-Aug-25	13-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	6AE	4AE	4AE	4A	4A	4AE	4ADE			
Topsoil quality BS3882:2015 (with classification)										
% Clay _A	-	-	-	-	-	4.4	-	% w/w	0.1	Subcon Yara
% Silt _A	-	-	-	-	-	17.2	-	% w/w	0.1	Subcon Yara
% Sand _A	-	-	-	-	-	78.3	-	% w/w	0.1	Subcon Yara
Textural class	-	-	-	-	-	Loamy Sand	-			Calc
% Coarse Fragment Content >2mm _A	-	-	-	-	-	8.5	-	N/A	0	A-T-044
% Coarse Fragment Content >20mm _A	-	-	-	-	-	0.0	-	N/A	0	A-T-044
% Coarse Fragment Content >50mm _A	-	-	-	-	-	0.0	-	N/A	0	A-T-044
Carbonate as CaCO _{3D}	-	-	-	-	-	3.3	-	% w/w	0.83	A-T-063
pH _D	-	-	-	-	-	6.48	-	pH	0.01	A-T-031s
Electrical conductivity (CaSO ₄ extract) _D	-	-	-	-	-	1960	-	µs/cm	10	A-T-037s
Nitrogen, Total % _A	-	-	-	-	-	0.153	-	%	0.01	Subcon Yara
Loss on ignition (440°C) _D	-	-	-	-	-	5.1	-	% w/w	0.6	A-T-030s
Extractable phosphorus _D	-	-	-	-	-	68	-	mg/l	5	A-T-EXTMETS PO4
Extractable Potassium (available) _D	-	-	-	-	-	127	-	mg/l	10	A-T-EXTMETS
Extractable Magnesium (available) _D	-	-	-	-	-	76.4	-	mg/l	10	A-T-EXTMETS
Carbon:Nitrogen Ratio	-	-	-	-	-	19.6	-	:1	0.1	Calc-no stones
Zinc (HNO ₃ extractable) _D	-	-	-	-	-	33	-	mg/kg	5	A-T-024s
Copper (HNO ₃ extractable) _D	-	-	-	-	-	15	-	mg/kg	1	A-T-024s
Nickel (HNO ₃ extractable) _D	-	-	-	-	-	4	-	mg/kg	1	A-T-024s
% Visible Contaminants >2mm _A	-	-	-	-	-	0.0	-	N/A	0	A-T-044
% Visible Contaminants Plastics _A	-	-	-	-	-	0.0	-	N/A	0	A-T-044
Sharps, number (in 1kg of sample) _A	-	-	-	-	-	0	-	N/A	0	A-T-044
Acceptable textural classification?	-	-	-	-	-	No	-			Calc

Envirolab Job Number: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/1	25/09166/2	25/09166/3	25/09166/4	25/09166/5	25/09166/6	25/09166/13	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SP2-1	SP2-2	SP2-3	SP2-3	TP405	TP406	TP414			
Depth to Top	0.15	0.10	0.10	0.20	0.20	0.20	0.10			
Depth To Bottom										
Date Sampled	15-Aug-25	15-Aug-25	15-Aug-25	15-Aug-25	14-Aug-25	14-Aug-25	13-Aug-25			
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES			
Sample Matrix Code	6AE	4AE	4AE	4A	4A	4AE	4ADE			
TPH CWG with Clean Up										
Total Aliphatics _A	-	-	21800	-	11	-	-	mg/kg	1	Calc-As Recd
Total Aromatics _A	-	-	1070	-	6	-	-	mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35) _A	-	-	22900	-	17	-	-	mg/kg	1	Calc-As Recd

Envirolab Job Number: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/15	25/09166/17	25/09166/18	25/09166/19	25/09166/22	25/09166/25		Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP415	TP418	TP419	TP421	TP424	SA403				
Depth to Top	0.35	0.15	0.20	0.15	0.15	0.20				
Depth To Bottom										
Date Sampled	14-Aug-25	13-Aug-25	14-Aug-25	15-Aug-25	15-Aug-25	11-Aug-25				
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES				
Sample Matrix Code	5A	4AE	4AE	6AE	4AE	4AE				
% Moisture at <40C _A	-	5.6	-	-	-	-		% w/w	0.1	A-T-044
% Stones >10mm _A	4.2	6.8	9.5	7.9	7.1	5.4		% w/w	0.1	A-T-044
Asbestos in soil _D [#]	NAD	NAD	NAD	NAD	NAD	NAD				A-T-045
Asbestos Matrix (visual) _D	-	-	-	-	-	-				A-T-045
Asbestos Matrix (microscope) _D	-	-	-	-	-	-				A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	N/A	N/A	N/A	N/A	N/A				A-T-045
pH _D ^{M#}	7.61	7.91	7.01	6.15	5.66	5.48		pH	0.01	A-T-031s
pH (As Rec'd Uncrushed Rock / Concrete / Solid) _A	-	8.44	-	-	-	-		pH	0.01	A-T-031s (AR)
Total Organic Carbon _D ^{M#}	0.37	1.45	0.62	0.77	0.95	0.91		% w/w	0.08	A-T-032s
Arsenic _D ^{M#}	5	4	4	5	5	5		mg/kg	1	A-T-024s
Cadmium _D	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		mg/kg	1	A-T-024s
Copper _D ^{M#}	17	12	16	11	11	19		mg/kg	1	A-T-024s
Chromium _D ^{M#}	9	7	13	8	13	9		mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<1	<1	<1	<1		mg/kg	1	A-T-040s
Lead _D ^{M#}	24	23	15	16	18	16		mg/kg	1	A-T-024s
Mercury _D	0.18	<0.17	<0.17	<0.17	<0.17	<0.17		mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	8	7	7	9	10	5		mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	<1	<1	<1	<1		mg/kg	1	A-T-024s
Zinc _D ^{M#}	40	75	39	37	39	35		mg/kg	1	A-T-024s

Envirolab Job Number: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/15	25/09166/17	25/09166/18	25/09166/19	25/09166/22	25/09166/25		Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP415	TP418	TP419	TP421	TP424	SA403				
Depth to Top	0.35	0.15	0.20	0.15	0.15	0.20				
Depth To Bottom										
Date Sampled	14-Aug-25	13-Aug-25	14-Aug-25	15-Aug-25	15-Aug-25	11-Aug-25				
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES				
Sample Matrix Code	5A	4AE	4AE	6AE	4AE	4AE				
OCP+OPP Combined Pest Suite (excl. 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
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
gamma-Hexachlorocyclohexane (HCH) _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
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

Envirolab Job Number: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/15	25/09166/17	25/09166/18	25/09166/19	25/09166/22	25/09166/25		Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP415	TP418	TP419	TP421	TP424	SA403				
Depth to Top	0.35	0.15	0.20	0.15	0.15	0.20				
Depth To Bottom										
Date Sampled	14-Aug-25	13-Aug-25	14-Aug-25	15-Aug-25	15-Aug-25	11-Aug-25				
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES				
Sample Matrix Code	5A	4AE	4AE	6AE	4AE	4AE				
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
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: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/15	25/09166/17	25/09166/18	25/09166/19	25/09166/22	25/09166/25		Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP415	TP418	TP419	TP421	TP424	SA403				
Depth to Top	0.35	0.15	0.20	0.15	0.15	0.20				
Depth To Bottom										
Date Sampled	14-Aug-25	13-Aug-25	14-Aug-25	15-Aug-25	15-Aug-25	11-Aug-25				
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES				
Sample Matrix Code	5A	4AE	4AE	6AE	4AE	4AE				
PAH-16MS										
Acenaphthene _A ^{M#}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04		mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	<0.04	0.07	<0.04	<0.04	<0.04	<0.04		mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	<0.05	0.07	<0.05	<0.05	<0.05	<0.05		mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	<0.05	0.13	<0.05	<0.05	<0.05	<0.05		mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07		mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06		mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04		mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08		mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	<0.03	0.14	<0.03	<0.03	<0.03	<0.03		mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03		mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03		mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07		mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	<0.08	0.41	<0.08	<0.08	<0.08	<0.08		mg/kg	0.01	A-T-019s

Envirolab Job Number: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/15	25/09166/17	25/09166/18	25/09166/19	25/09166/22	25/09166/25		Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP415	TP418	TP419	TP421	TP424	SA403				
Depth to Top	0.35	0.15	0.20	0.15	0.15	0.20				
Depth To Bottom										
Date Sampled	14-Aug-25	13-Aug-25	14-Aug-25	15-Aug-25	15-Aug-25	11-Aug-25				
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES				
Sample Matrix Code	5A	4AE	4AE	6AE	4AE	4AE				
Triazine Herbicides (x 8)										
Atrazine _A	-	-	-	Appended	-	Appended		mg/kg	0.02	Subcon RPS MH
Cyanazine _A	-	-	-	Appended	-	Appended		mg/kg	0.02	Subcon RPS MH
Prometryn _A	-	-	-	Appended	-	Appended		mg/kg	0.02	Subcon RPS MH
Propazine _A	-	-	-	Appended	-	Appended		mg/kg	0.02	Subcon RPS MH
Trietazine _A	-	-	-	Appended	-	Appended		mg/kg	0.02	Subcon RPS MH
Simazine _A	-	-	-	Appended	-	Appended		mg/kg	0.02	Subcon RPS MH
Terbuthylazine _A	-	-	-	Appended	-	Appended		mg/kg	0.02	Subcon RPS MH
Terbutryn _A	-	-	-	Appended	-	Appended		mg/kg	0.02	Subcon RPS MH
TPH CWG GCxGC (>C5-C40) with Clean Up & ID										
Ali >C5-C6 _A	-	<0.01	-	-	-	-		mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	-	<0.01	-	-	-	-		mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	-	<1	-	-	-	-		mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	-	<1	-	-	-	-		mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	-	<1	-	-	-	-		mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	-	<1	-	-	-	-		mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	-	2	-	-	-	-		mg/kg	1	A-T-055s
Total Aliphatics _A	-	2	-	-	-	-		mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	-	<0.01	-	-	-	-		mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	-	<0.01	-	-	-	-		mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	-	<1	-	-	-	-		mg/kg	1	A-T-055s
Aro >C10-C12 _A	-	<1	-	-	-	-		mg/kg	1	A-T-055s
Aro >C12-C16 _A	-	<1	-	-	-	-		mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	-	<1	-	-	-	-		mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	-	<1	-	-	-	-		mg/kg	1	A-T-055s
Aro >C35-C40 _A	-	<1	-	-	-	-		mg/kg	1	A-T-055s
Total Aromatics _A	-	2	-	-	-	-		mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C40) _A	-	4	-	-	-	-		mg/kg	1	Calc-As Recd
EPH CWG GCxGC ID Interpretation _A @	-	Unknown mixture of aliphatic and aromatic hydrocarbon	-	-	-	-				A-T-055s

Envirolab Job Number: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/15	25/09166/17	25/09166/18	25/09166/19	25/09166/22	25/09166/25		Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP415	TP418	TP419	TP421	TP424	SA403				
Depth to Top	0.35	0.15	0.20	0.15	0.15	0.20				
Depth To Bottom										
Date Sampled	14-Aug-25	13-Aug-25	14-Aug-25	15-Aug-25	15-Aug-25	11-Aug-25				
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES				
Sample Matrix Code	5A	4AE	4AE	6AE	4AE	4AE				
		S								
BTEX - Benzene _A [#]	-	<0.01	-	-	-	-		mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	-	<0.01	-	-	-	-		mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	-	<0.01	-	-	-	-		mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	-	<0.01	-	-	-	-		mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	-	<0.01	-	-	-	-		mg/kg	0.01	A-T-022s
MTBE _A [#]	-	<0.01	-	-	-	-		mg/kg	0.01	A-T-022s
Ali >C35-C40 _A	-	<1	-	-	-	-		mg/kg	1	A-T-055s

Envirolab Job Number: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/15	25/09166/17	25/09166/18	25/09166/19	25/09166/22	25/09166/25		Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP415	TP418	TP419	TP421	TP424	SA403				
Depth to Top	0.35	0.15	0.20	0.15	0.15	0.20				
Depth To Bottom										
Date Sampled	14-Aug-25	13-Aug-25	14-Aug-25	15-Aug-25	15-Aug-25	11-Aug-25				
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES				
Sample Matrix Code	5A	4AE	4AE	6AE	4AE	4AE				
Topsoil quality BS3882:2015 (with classification)										
% Clay _A	-	-	-	16.1	-	9.2		% w/w	0.1	Subcon Yara
% Silt _A	-	-	-	31.6	-	32.4		% w/w	0.1	Subcon Yara
% Sand _A	-	-	-	52.3	-	58.5		% w/w	0.1	Subcon Yara
Textural class	-	-	-	Sandy Loam	-	Sandy Loam				Calc
% Coarse Fragment Content >2mm _A	-	-	-	7.5	-	0.0		N/A	0	A-T-044
% Coarse Fragment Content >20mm _A	-	-	-	0.0	-	0.0		N/A	0	A-T-044
% Coarse Fragment Content >50mm _A	-	-	-	0.0	-	0.0		N/A	0	A-T-044
Carbonate as CaCO _{3D}	-	-	-	<0.8	-	2.7		% w/w	0.83	A-T-063
pH _D	-	-	-	6.35	-	5.62		pH	0.01	A-T-031s
Electrical conductivity (CaSO ₄ extract) _D	-	-	-	1800	-	1840		µs/cm	10	A-T-037s
Nitrogen, Total % _A	-	-	-	0.134	-	0.145		%	0.01	Subcon Yara
Loss on ignition (440°C) _D	-	-	-	2.8	-	2.6		% w/w	0.6	A-T-030s
Extractable phosphorus _D	-	-	-	64	-	74		mg/l	5	A-T-EXTMETS PO4
Extractable Potassium (available) _D	-	-	-	195	-	136		mg/l	10	A-T-EXTMETS
Extractable Magnesium (available) _D	-	-	-	82.6	-	67.5		mg/l	10	A-T-EXTMETS
Carbon:Nitrogen Ratio	-	-	-	13.2	-	11.4		:1	0.1	Calc-no stones
Zinc (HNO ₃ extractable) _D	-	-	-	35	-	34		mg/kg	5	A-T-024s
Copper (HNO ₃ extractable) _D	-	-	-	11	-	21		mg/kg	1	A-T-024s
Nickel (HNO ₃ extractable) _D	-	-	-	8	-	4		mg/kg	1	A-T-024s
% Visible Contaminants >2mm _A	-	-	-	0.0	-	0.0		N/A	0	A-T-044
% Visible Contaminants Plastics _A	-	-	-	0.0	-	0.0		N/A	0	A-T-044
Sharps, number (in 1kg of sample) _A	-	-	-	0	-	0		N/A	0	A-T-044
Acceptable textural classification?	-	-	-	Yes	-	Yes				Calc

Envirolab Job Number: 25/09166

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09166/15	25/09166/17	25/09166/18	25/09166/19	25/09166/22	25/09166/25		Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	TP415	TP418	TP419	TP421	TP424	SA403				
Depth to Top	0.35	0.15	0.20	0.15	0.15	0.20				
Depth To Bottom										
Date Sampled	14-Aug-25	13-Aug-25	14-Aug-25	15-Aug-25	15-Aug-25	11-Aug-25				
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES				
Sample Matrix Code	5A	4AE	4AE	6AE	4AE	4AE				
TPH CWG with Clean Up										
Total Aliphatics _A	-	2	-	-	-	-		mg/kg	1	Calc-As Recd
Total Aromatics _A	-	2	-	-	-	-		mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35) _A	-	4	-	-	-	-		mg/kg	1	Calc-As Recd

Report Notes

General

- This report shall not be reproduced, except in full, without written approval from Envirolab.
- The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client and can affect the validity of results.
- 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 within the same delivery, will be disposed of **four weeks** after the 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 our scope of accreditation.
- A deviating sample 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.
- If a sample is outside of the calibration range or affected by interferences then it may need diluting. This will result in the limit of detection (LOD) being raised.
- Subcontracted Analysis: Please see the appended report for any deviations, current LODs and accreditation status of the test.

Key

Superscript “#”	Accredited to ISO 17025
Superscript “M”	Accredited to MCertS
Superscript “U”	Individual result not accredited
None of the above symbols	Analysis unaccredited
Subscript “A”	Analysis performed on as-received Sample
Subscript “D”	Analysis performed on the dried sample, crushed to pass 2mm sieve.
Subscript “D” on Asbestos	Analysis performed on a dried aliquot of sample provided.
Subscript “A”	Analysis has dependant options against results. Details appear in the comments of your Sample receipt
IS	Insufficient Sample for analysis
US	Unsuitable Sample for analysis
NDP	No Determination Possible
NAD	No Asbestos Detected
Trace	Asbestos found not suitable for Gravimetric Quantification – not enough to accurately weigh.
N/A	Not applicable

Asbestos

Identification: 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

“Trace Asbestos Identified” will be reported if there is not enough present to verify the type.

Assigned Matrix Codes

1	SAND	6	CLAY/LOAM	A	Contains Stones
2	LOAM	7	OTHER	B	Contains Construction Rubble
3	CLAY	8	Asbestos Bulk (Only Asbestos ID accredited)	C	Contains visible hydrocarbons
4	LOAM/SAND	9	Incinerator Ash (some Metals accredited)	D	Contains glass / metal
5	SAND/CLAY			E	Contains roots / twigs

Note: 7,8,9 matrices are not covered by our ISO 17025 or MCertS accreditation, unless stated above.

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 by method A-T-007:

For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.

Results “with Clean up” indicates samples cleaned up with Silica during extraction.

EPH CWG (method A-T-055) from TPH CWG:

EPH CWG results have humics mathematically subtracted through instrument calculation.

Where these humic substances have been identified in any IDs from “TPH CWG with clean up” please note that the concentration is **NOT** included in the quantified results but present in the ID for information.

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.

Please contact your client manager if you require any further information.

Envirolab Deviating Samples Report

Hattersley Science & Technology Park, Stockport Road, Hattersley, SK14 3QU
Tel. 0161 368 4921 email. ask@envlab.co.uk

Client: RSK Environment Ltd (Leap Pease Pottage), 1 Forest Park Way, Pease Pottage,
West Sussex, RH11 9ZG

Project No: 25/09166

Date Received: 20/08/2025 (am)

Project: New Place Farm

Cool Box Temperatures (°C): 17.1 - 17.5

Clients Project No: 375966

Lab Sample ID	25/09166/15
Client Sample No	
Client Sample ID/Depth	TP415 0.35m
Date Sampled	14/08/25
Deviation Code	
F	✓

Key

F Maximum holding time exceeded between sampling date and analysis for analytes listed below

HOLDING TIME EXCEEDANCES

Lab Sample ID	25/09166/15
Client Sample No	
Client Sample ID/Depth	TP415 0.35m
Date Sampled	14/08/25
PAH-16MS	✓

If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3, ISO 18400-102:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Envirolab Analysis Dates

Lab Sample ID	25/09166/1	25/09166/2	25/09166/3	25/09166/4	25/09166/5	25/09166/6	25/09166/13	25/09166/15	25/09166/17	25/09166/18	25/09166/19	25/09166/22
Client Sample No												
Client Sample ID/Depth	SP2-1 0.15m	SP2-2 0.10m	SP2-3 0.10m	SP2-3 0.20m	TP405 0.20m	TP406 0.20m	TP414 0.10m	TP415 0.35m	TP418 0.15m	TP419 0.20m	TP421 0.15m	TP424 0.15m
Date Sampled	15/08/25	15/08/25	15/08/25	15/08/25	14/08/25	14/08/25	13/08/25	14/08/25	13/08/25	14/08/25	15/08/25	15/08/25
A-T-004s			26/08/2025		26/08/2025				26/08/2025			
A-T-007s			26/08/2025		26/08/2025				26/08/2025			
A-T-019s	26/08/2025	26/08/2025	26/08/2025	26/08/2025	26/08/2025	26/08/2025	26/08/2025	02/09/2025	26/08/2025	26/08/2025	26/08/2025	26/08/2025
A-T-022s	28/08/2025	27/08/2025	27/08/2025		27/08/2025				27/08/2025			
A-T-024s	26/08/2025	26/08/2025	26/08/2025	26/08/2025	26/08/2025	27/08/2025	26/08/2025	03/09/2025	26/08/2025	26/08/2025	27/08/2025	26/08/2025
A-T-025w			01/09/2025		01/09/2025				01/09/2025			
A-T-026w			01/09/2025		01/09/2025				01/09/2025			
A-T-026w (F)			01/09/2025		01/09/2025				01/09/2025			
A-T-030s			26/08/2025		26/08/2025	26/08/2025			26/08/2025		26/08/2025	
A-T-031s			28/08/2025	28/08/2025	28/08/2025	28/08/2025	28/08/2025	02/09/2025	28/08/2025	28/08/2025	28/08/2025	28/08/2025
A-T-031s (AR)	29/08/2025	29/08/2025	29/08/2025		29/08/2025				29/08/2025			
A-T-031w			01/09/2025		01/09/2025				01/09/2025			
A-T-032s			26/08/2025	26/08/2025	26/08/2025	26/08/2025	26/08/2025	02/09/2025	26/08/2025	26/08/2025	26/08/2025	26/08/2025
A-T-032w			01/09/2025		01/09/2025				01/09/2025			
A-T-037s						12/09/2025					12/09/2025	
A-T-037w			01/09/2025		01/09/2025				01/09/2025			
A-T-040s	26/08/2025	26/08/2025	26/08/2025	26/08/2025	26/08/2025	26/08/2025	26/08/2025	02/09/2025	26/08/2025	26/08/2025	26/08/2025	26/08/2025
A-T-044	29/08/2025	29/08/2025	29/08/2025	29/08/2025	29/08/2025	29/08/2025	29/08/2025	02/09/2025	29/08/2025	29/08/2025	29/08/2025	29/08/2025
A-T-045	21/08/2025	21/08/2025	21/08/2025	21/08/2025	21/08/2025	21/08/2025	21/08/2025	01/09/2025	21/08/2025	21/08/2025	21/08/2025	21/08/2025
A-T-050w			01/09/2025		01/09/2025				01/09/2025			
A-T-055s	29/08/2025	29/08/2025	29/08/2025		29/08/2025				29/08/2025			
A-T-056						01/09/2025					01/09/2025	
A-T-063						01/09/2025					01/09/2025	
A-T-ANCs			29/08/2025		29/08/2025				29/08/2025			
A-T-EXTMETS						27/08/2025					27/08/2025	
A-T-EXTMETS PO4						28/08/2025					28/08/2025	
Calc						08/09/2025					08/09/2025	
Calc-As Recd	28/08/2025	27/08/2025	28/08/2025		28/08/2025				28/08/2025			
Calc-no stones			01/09/2025		01/09/2025	08/09/2025			01/09/2025		08/09/2025	
Gravimetry						27/08/2025					27/08/2025	
Probe (w)			01/09/2025		01/09/2025				01/09/2025			

Lab Sample ID	25/09166/25
Client Sample No	
Client Sample ID/Depth	SA403 0.20m
Date Sampled	11/08/25
A-T-004s	
A-T-007s	
A-T-019s	26/08/2025
A-T-022s	
A-T-024s	27/08/2025
A-T-025w	
A-T-026w	
A-T-026w (F)	
A-T-030s	26/08/2025
A-T-031s	28/08/2025
A-T-031s (AR)	
A-T-031w	
A-T-032s	26/08/2025
A-T-032w	
A-T-037s	12/09/2025
A-T-037w	
A-T-040s	26/08/2025
A-T-044	29/08/2025
A-T-045	21/08/2025
A-T-050w	
A-T-055s	
A-T-056	01/09/2025
A-T-063	01/09/2025
A-T-ANCs	
A-T-EXTMETS	27/08/2025
A-T-EXTMETS PO4	28/08/2025
Calc	08/09/2025
Calc-As Recd	
Calc-no stones	08/09/2025
Gravimetry	27/08/2025
Probe (w)	

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

End of Report

Final Test Report

Envirolab Job Number: 25/09166
Issue Number: 1
Date: 1-Sep-25

Client: RSK Environment Ltd (Leap Pease Pottage)
1 Forest Park Way
Pease Pottage
West Sussex,
RH11 9ZG

Project Manager: *USE GeoGldata@rsk.co.uk/Ladislav Stehlik/Rory Mac
Project Name: New Place Farm
Project Ref: 375966
Order No: N/A

Date Samples Received: 19-Aug-25
Date Instructions Received: 20-Aug-25
Date Analysis Completed: 1-Sep-25

Notes - Soil analysis

All results are reported as dry weight (<40°C).

For samples with Matrix Codes 1 - 6 natural stones >10mm are removed or excluded from the sample prior to analysis and reported results corrected to a whole sample basis.

For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis.

Notes - General

This report shall not be reproduced, except in full, without written approval from Envirolab.

Subscript "A" indicates analysis performed on the sample as received. "D" indicates analysis performed on the dried sample, crushed to pass a 2mm sieve, unless asbestos is found to be present in which case all analysis is performed on the sample as received.

All analysis is performed on the dried and crushed sample for samples with Matrix Code 7 and this supercedes any "A" subscripts.

All analysis is performed on the sample as received for soil samples from outside the European Union and this supercedes any "D" subscripts.

For complex, multi-compound analysis, quality control results do not always fall within chart limits for every compound and we have criteria for reporting in these situations.

If results are in italic font they are associated with such quality control failures and may be 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.

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

Secondary Matrix Codes: A = contains stones, B = contains construction rubble, C = contains visible hydrocarbons, D = contains glass/metal, E = contains roots/twigs.

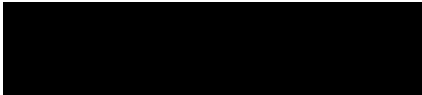
IS indicates Insufficient sample for analysis, NDP indicates No Determination Possible and NAD indicates No Asbestos Detected.

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.

Please contact us if you need any further information.

HWOL TPH Code: EH_CU_1D_AL: Extractable hydrocarbons - i.e. everything extracted by the solvent(s), Clean-up - e.g. by florisil, silica gel, GC - Single coil gas chromatography, Aliphatics only

Approved by:


Danielle Brierley
Client Services Supervisor

Sample Details								
Lab Sample ID	Method	ISO17025	MCERTS	25/09166/3	Landfill Waste Acceptance Criteria Limits			
Client Sample Number					Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill	
Client Sample ID				SP2-3				
Depth to Top				0.1				
Depth to Bottom								
Date Sampled				15/08/2025				
Sample Type				Soil - ES				
Sample Matrix Code				4AE				
Solid Waste Analysis								
pH (pH Units) _D	A-T-031	N	N	6.98	-	>6	-	
ANC to pH 4 (mol/kg) _D	A-T-ANC	N	N	0.08	-	to be evaluated	to be evaluated	
ANC to pH 6 (mol/kg) _D	A-T-ANC	N	N	0.03	-	to be evaluated	to be evaluated	
Loss on Ignition (%) _D	A-T-030	N	N	17.1	-	-	10	
Total Organic Carbon (%) _D	A-T-032	N	N	11.9	3	5	6	
PAH Sum of 17 (mg/kg) _A	A-T-019	N	N	<0.08	100	-	-	
Mineral Oil (mg/kg) _{A EH_CU_1D_AL}	A-T-007	N	N	25200	500	-	-	
Sum of 7 PCBs (mg/kg) _A	A-T-004	N	N	<0.007	1	-	-	
Sum of BTEX (mg/kg) _A	A-T-022	N	N	<0.01	6	-	-	
Eluate Analysis				10:1 mg/l	10:1 mg/kg	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic	A-T-025	N	N	0.044	0.440	0.5	25	
Barium	A-T-025	N	N	0.012	0.120	20	300	
Cadmium	A-T-025	N	N	<0.001	<0.01	0.04	5	
Chromium	A-T-025	N	N	0.002	0.020	0.5	70	
Copper	A-T-025	N	N	<0.004	<0.04	2	100	
Mercury	A-T-025	N	N	<0.0005	<0.005	0.01	2	
Molybdenum	A-T-025	N	N	0.029	0.290	0.5	30	
Nickel	A-T-025	N	N	0.006	0.060	0.4	40	
Lead	A-T-025	N	N	<0.001	<0.01	0.5	50	
Antimony	A-T-025	N	N	<0.001	<0.01	0.06	5	
Selenium	A-T-025	N	N	<0.001	<0.01	0.1	7	
Zinc	A-T-025	N	N	0.054	0.540	4	200	
Chloride	A-T-026	N	N	2	22	800	25000	
Fluoride	A-T-026	N	N	0.6	6.0	10	500	
Sulphate as SO ₄	A-T-026	N	N	<1.00	<10	1000	50000	
Total Dissolved Solids	A-T-035	N	N	101	1010	4000	100000	
Phenol Index	A-T-050	N	N	0.04	0.40	1	-	
Dissolved Organic Carbon	A-T-032	N	N	61.90	619	500	1000	
Leach Test Information								
pH (pH Units)	A-T-031	N	N	7.8				
Conductivity (µS/cm)	A-T-037	N	N	203				
Mass Sample (kg)				0.22				
Dry Matter (%)	A-T-044	N	N	79.6				
Stated acceptance limits are for guidance only and Envirolab cannot be held responsible for any discrepancies with current legislation								

Sample Details								
Lab Sample ID	Method	ISO17025	MCERTS	25/09166/5	Landfill Waste Acceptance Criteria Limits			
Client Sample Number					Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill	
Client Sample ID				TP405				
Depth to Top				0.2				
Depth to Bottom								
Date Sampled				14/08/2025				
Sample Type				Soil - ES				
Sample Matrix Code				4A				
Solid Waste Analysis								
pH (pH Units) _D	A-T-031	N	N	5.49	-	>6	-	
ANC to pH 4 (mol/kg) _D	A-T-ANC	N	N	0.02	-	to be evaluated	to be evaluated	
ANC to pH 6 (mol/kg) _D	A-T-ANC	N	N	0.01	-	to be evaluated	to be evaluated	
Loss on Ignition (%) _D	A-T-030	N	N	2.4	-	-	10	
Total Organic Carbon (%) _D	A-T-032	N	N	0.68	3	5	6	
PAH Sum of 17 (mg/kg) _A	A-T-019	N	N	<0.08	100	-	-	
Mineral Oil (mg/kg) _{A EH_CU_1D_AL}	A-T-007	N	N	<10	500	-	-	
Sum of 7 PCBs (mg/kg) _A	A-T-004	N	N	<0.007	1	-	-	
Sum of BTEX (mg/kg) _A	A-T-022	N	N	<0.01	6	-	-	
Eluate Analysis				10:1 mg/l	10:1 mg/kg	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic	A-T-025	N	N	0.003	0.030	0.5	25	
Barium	A-T-025	N	N	0.024	0.240	20	300	
Cadmium	A-T-025	N	N	<0.001	<0.01	0.04	5	
Chromium	A-T-025	N	N	0.001	0.010	0.5	70	
Copper	A-T-025	N	N	0.034	0.340	2	100	
Mercury	A-T-025	N	N	<0.0005	<0.005	0.01	2	
Molybdenum	A-T-025	N	N	<0.001	<0.01	0.5	30	
Nickel	A-T-025	N	N	0.003	0.030	0.4	40	
Lead	A-T-025	N	N	0.004	0.040	0.5	50	
Antimony	A-T-025	N	N	<0.001	<0.01	0.06	5	
Selenium	A-T-025	N	N	<0.001	<0.01	0.1	7	
Zinc	A-T-025	N	N	0.045	0.450	4	200	
Chloride	A-T-026	N	N	2	15	800	25000	
Fluoride	A-T-026	N	N	0.5	5.0	10	500	
Sulphate as SO ₄	A-T-026	N	N	6	55	1000	50000	
Total Dissolved Solids	A-T-035	N	N	<20	<200	4000	100000	
Phenol Index	A-T-050	N	N	<0.01	<0.1	1	-	
Dissolved Organic Carbon	A-T-032	N	N	<2.0	<200	500	1000	
Leach Test Information								
pH (pH Units)	A-T-031	N	N	6.3				
Conductivity (µS/cm)	A-T-037			34				
Mass Sample (kg)				0.197				
Dry Matter (%)	A-T-044	N	N	88.7				
Stated acceptance limits are for guidance only and Envirolab cannot be held responsible for any discrepancies with current legislation								

Sample Details								
Lab Sample ID	Method	ISO17025	MCERTS	25/09166/17	Landfill Waste Acceptance Criteria Limits			
Client Sample Number					Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill	
Client Sample ID				TP418				
Depth to Top				0.15				
Depth to Bottom								
Date Sampled				13/08/2025				
Sample Type				Soil - ES				
Sample Matrix Code				4AE				
Solid Waste Analysis								
pH (pH Units) _D	A-T-031	N	N	7.91		-	>6	-
ANC to pH 4 (mol/kg) _D	A-T-ANC	N	N	0.39		-	to be evaluated	to be evaluated
ANC to pH 6 (mol/kg) _D	A-T-ANC	N	N	0.06		-	to be evaluated	to be evaluated
Loss on Ignition (%) _D	A-T-030	N	N	2.7		-	-	10
Total Organic Carbon (%) _D	A-T-032	N	N	1.45		3	5	6
PAH Sum of 17 (mg/kg) _A	A-T-019	N	N	0.44		100	-	-
Mineral Oil (mg/kg) _{A EH_CU_1D_AL}	A-T-007	N	N	<10		500	-	-
Sum of 7 PCBs (mg/kg) _A	A-T-004	N	N	<0.007		1	-	-
Sum of BTEX (mg/kg) _A	A-T-022	N	N	<0.01		6	-	-
Eluate Analysis				10:1 mg/l	10:1 mg/kg	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic	A-T-025	N	N	0.005	0.050	0.5	2	25
Barium	A-T-025	N	N	0.014	0.140	20	100	300
Cadmium	A-T-025	N	N	<0.001	<0.01	0.04	1	5
Chromium	A-T-025	N	N	<0.001	<0.01	0.5	10	70
Copper	A-T-025	N	N	0.007	0.070	2	50	100
Mercury	A-T-025	N	N	<0.0005	<0.005	0.01	0.2	2
Molybdenum	A-T-025	N	N	0.003	0.030	0.5	10	30
Nickel	A-T-025	N	N	<0.002	<0.02	0.4	10	40
Lead	A-T-025	N	N	0.004	0.040	0.5	10	50
Antimony	A-T-025	N	N	<0.001	<0.01	0.06	0.7	5
Selenium	A-T-025	N	N	<0.001	<0.01	0.1	0.5	7
Zinc	A-T-025	N	N	0.026	0.260	4	50	200
Chloride	A-T-026	N	N	1	12	800	15000	25000
Fluoride	A-T-026	N	N	0.3	3.0	10	150	500
Sulphate as SO ₄	A-T-026	N	N	4	40	1000	20000	50000
Total Dissolved Solids	A-T-035	N	N	50	500	4000	60000	100000
Phenol Index	A-T-050	N	N	0.03	0.30	1	-	-
Dissolved Organic Carbon	A-T-032	N	N	<2.0	<200	500	800	1000
Leach Test Information								
pH (pH Units)	A-T-031	N	N	8.0				
Conductivity (µS/cm)	A-T-037	N	N	101				
Mass Sample (kg)				0.187				
Dry Matter (%)	A-T-044	N	N	93.6				
Stated acceptance limits are for guidance only and Envirolab cannot be held responsible for any discrepancies with current legislation								

FINAL ANALYTICAL TEST REPORT

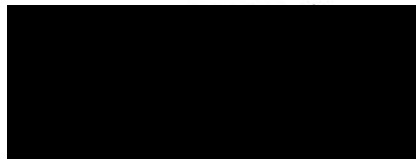
Envirolab Job Number: 25/09373
Issue Number: 1

Date: 04 September, 2025

Client: RSK Environment Ltd (Leap Pease Pottage)
1 Forest Park Way
Pease Pottage
West Sussex,
RH11 9ZG

Project Manager: *USE GeoGldata@rsk.co.uk/Phil Clare/Rory MacDonald
Project Name: New Place Farm
Project Ref: 375966
Order No: N/A
Date Samples Received: 26/08/25
Date Instructions Received: 26/08/25
Date Analysis Completed: 04/09/25

Approved by:



Gemma Berrisford
Deputy Client Services Supervisor

Envirolab Job Number: 25/09373

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09373/1	25/09373/2	25/09373/3	25/09373/4	25/09373/7	25/09373/8		Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SP1-1	SP1-2	SP1-3	TP401	TP420	BH404				
Depth to Top	0.10	0.15	0.20	0.20	0.20	0.20				
Depth To Bottom										
Date Sampled	15-Aug-25	15-Aug-25	15-Aug-25	18-Aug-25	15-Aug-25	18-Aug-25				
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES				
Sample Matrix Code	6ABE	6AE	6AE	1A	4AE	6A				
% Moisture at <40C _A	19.3	29.5	25.8	-	-	-		% w/w	0.1	A-T-044
% Stones >10mm _A	<0.1	<0.1	<0.1	10.6	<0.1	2.1		% w/w	0.1	A-T-044
Asbestos in soil _D [#]	NAD	NAD	NAD	NAD	Chrysotile	NAD				A-T-045
Asbestos Matrix (visual) _D	-	-	-	-	-	-				A-T-045
Asbestos Matrix (microscope) _D	-	-	-	-	Loose Fibres	-				A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	N/A	N/A	N/A	N/A	N/A				A-T-045
pH _D ^{M#}	-	4.72	-	7.03	6.22	7.38		pH	0.01	A-T-031s
pH (As Rec'd Uncrushed Rock / Concrete / Solid) _A	5.99	5.35	5.44	-	-	-		pH	0.01	A-T-031s (AR)
Total Organic Carbon _D ^{M#}	-	36.6	-	0.41	0.41	0.31		% w/w	0.08	A-T-032s
Arsenic _D ^{M#}	3	<1	1	3	5	4		mg/kg	1	A-T-024s
Cadmium _D	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		mg/kg	1	A-T-024s
Copper _D ^{M#}	32	54	40	10	14	7		mg/kg	1	A-T-024s
Chromium _D ^{M#}	10	4	6	5	7	6		mg/kg	1	A-T-024s
Chromium (hexavalent) _D	<1	<1	<2	<1	<2	<1		mg/kg	1	A-T-040s
Lead _D ^{M#}	12	6	9	10	19	8		mg/kg	1	A-T-024s
Mercury _D	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17		mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	6	3	5	6	7	7		mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	<1	<1	<1	<1		mg/kg	1	A-T-024s
Zinc _D ^{M#}	38	44	69	21	35	22		mg/kg	1	A-T-024s

Envirolab Job Number: 25/09373

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09373/1	25/09373/2	25/09373/3	25/09373/4	25/09373/7	25/09373/8		Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SP1-1	SP1-2	SP1-3	TP401	TP420	BH404				
Depth to Top	0.10	0.15	0.20	0.20	0.20	0.20				
Depth To Bottom										
Date Sampled	15-Aug-25	15-Aug-25	15-Aug-25	18-Aug-25	15-Aug-25	18-Aug-25				
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES				
Sample Matrix Code	6ABE	6AE	6AE	1A	4AE	6A				
Asbestos in Soil Quantification % (Hand Picking & Weighing)										
Asbestos in soil % composition (hand picking and weighing)	-	-	-	-	<0.001	-		% w/w	0.001	A-T-054

Envirolab Job Number: 25/09373

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09373/1	25/09373/2	25/09373/3	25/09373/4	25/09373/7	25/09373/8		Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SP1-1	SP1-2	SP1-3	TP401	TP420	BH404				
Depth to Top	0.10	0.15	0.20	0.20	0.20	0.20				
Depth To Bottom										
Date Sampled	15-Aug-25	15-Aug-25	15-Aug-25	18-Aug-25	15-Aug-25	18-Aug-25				
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES				
Sample Matrix Code	6ABE	6AE	6AE	1A	4AE	6A				
PAH-16MS										
Acenaphthene _A ^{M#}	<0.01	<0.01	<0.10	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-019s
Acenaphthylene _A ^{M#}	<0.01	<0.01	<0.10	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-019s
Anthracene _A ^{M#}	<0.02	<0.02	<0.20	<0.02	<0.02	<0.02		mg/kg	0.02	A-T-019s
Benzo(a)anthracene _A ^{M#}	<0.04	<0.04	<0.40	<0.04	<0.04	<0.04		mg/kg	0.04	A-T-019s
Benzo(a)pyrene _A ^{M#}	<0.04	<0.04	<0.40	<0.04	<0.04	<0.04		mg/kg	0.04	A-T-019s
Benzo(b)fluoranthene _A ^{M#}	<0.05	<0.05	<0.50	<0.05	<0.05	<0.05		mg/kg	0.05	A-T-019s
Benzo(ghi)perylene _A ^{M#}	<0.05	<0.05	<0.50	<0.05	<0.05	<0.05		mg/kg	0.05	A-T-019s
Benzo(k)fluoranthene _A ^{M#}	<0.07	<0.07	<0.70	<0.07	<0.07	<0.07		mg/kg	0.07	A-T-019s
Chrysene _A ^{M#}	<0.06	<0.06	<0.60	<0.06	<0.06	<0.06		mg/kg	0.06	A-T-019s
Dibenzo(ah)anthracene _A ^{M#}	<0.04	<0.04	<0.40	<0.04	<0.04	<0.04		mg/kg	0.04	A-T-019s
Fluoranthene _A ^{M#}	<0.08	<0.08	<0.80	<0.08	<0.08	<0.08		mg/kg	0.08	A-T-019s
Fluorene _A ^{M#}	<0.01	<0.01	<0.10	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-019s
Indeno(123-cd)pyrene _A ^{M#}	<0.03	<0.03	<0.30	<0.03	<0.03	<0.03		mg/kg	0.03	A-T-019s
Naphthalene _A ^{M#}	<0.03	<0.03	<0.30	<0.03	<0.03	<0.03		mg/kg	0.03	A-T-019s
Phenanthrene _A ^{M#}	<0.03	<0.03	<0.30	<0.03	<0.03	<0.03		mg/kg	0.03	A-T-019s
Pyrene _A ^{M#}	<0.07	<0.07	<0.70	<0.07	<0.07	<0.07		mg/kg	0.07	A-T-019s
Total PAH-16MS _A ^{M#}	<0.08	<0.08	<0.80	<0.08	<0.08	<0.08		mg/kg	0.01	A-T-019s
TPH CWG GCxGC (>C5-C40) with Clean Up & ID										
Alii >C5-C6 _A	<0.05	<0.05	<0.05	-	-	-		mg/kg	0.01	A-T-022s
Alii >C6-C8 _A	<0.05	<0.05	<0.05	-	-	-		mg/kg	0.01	A-T-022s
Alii >C8-C10 _A	<5	<10	<10	-	-	-		mg/kg	1	A-T-055s
Alii >C10-C12 _A ^{M#}	<5	<10	<10	-	-	-		mg/kg	1	A-T-055s
Alii >C12-C16 _A ^{M#}	<5	<10	<10	-	-	-		mg/kg	1	A-T-055s
Alii >C16-C21 _A ^{M#}	<5	<10	<10	-	-	-		mg/kg	1	A-T-055s
Alii >C21-C35 _A ^{M#}	110	416	257	-	-	-		mg/kg	1	A-T-055s
Total Aliphatics _A	130	479	309	-	-	-		mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.05	<0.05	<0.05	-	-	-		mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.05	<0.05	<0.05	-	-	-		mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	<5	<10	<10	-	-	-		mg/kg	1	A-T-055s
Aro >C10-C12 _A	<5	<10	<10	-	-	-		mg/kg	1	A-T-055s
Aro >C12-C16 _A	7	35	16	-	-	-		mg/kg	1	A-T-055s

Envirolab Job Number: 25/09373

Client Project Name: New Place Farm

Client Project Ref: 375966

Lab Sample ID	25/09373/1	25/09373/2	25/09373/3	25/09373/4	25/09373/7	25/09373/8		Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	SP1-1	SP1-2	SP1-3	TP401	TP420	BH404				
Depth to Top	0.10	0.15	0.20	0.20	0.20	0.20				
Depth To Bottom										
Date Sampled	15-Aug-25	15-Aug-25	15-Aug-25	18-Aug-25	15-Aug-25	18-Aug-25				
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES				
Sample Matrix Code	6ABE	6AE	6AE	1A	4AE	6A				
Aro >C16-C21 _A ^{M#}	12	57	19	-	-	-		mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	43	115	78	-	-	-		mg/kg	1	A-T-055s
Aro >C35-C40 _A	33	77	55	-	-	-		mg/kg	1	A-T-055s
Total Aromatics _A	97	284	168	-	-	-		mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C40) _A	227	763	477	-	-	-		mg/kg	1	Calc-As Recd
EPH CWG GCxGC ID Interpretation _{A@}	Unknown mixture of aliphatic and aromatic hydrocarbons	Unknown mixture of aliphatic and aromatic hydrocarbons	Unknown mixture of aliphatic and aromatic hydrocarbons	-	-	-				A-T-055s
BTEX - Benzene _A [#]	<0.05	<0.05	<0.05	-	-	-		mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.05	<0.05	<0.05	-	-	-		mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.05	<0.05	<0.05	-	-	-		mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.05	<0.05	<0.05	-	-	-		mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.05	<0.05	<0.05	-	-	-		mg/kg	0.01	A-T-022s
MTBE _A [#]	<0.05	<0.05	<0.05	-	-	-		mg/kg	0.01	A-T-022s
Ali >C35-C40 _A	20	64	51	-	-	-		mg/kg	1	A-T-055s

Report Notes

General

- This report shall not be reproduced, except in full, without written approval from Envirolab.
- The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client and can affect the validity of results.
- 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 within the same delivery, will be disposed of **four weeks** after the 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 our scope of accreditation.
- A deviating sample 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.
- If a sample is outside of the calibration range or affected by interferences then it may need diluting. This will result in the limit of detection (LOD) being raised.
- Subcontracted Analysis: Please see the appended report for any deviations, current LODs and accreditation status of the test.

Key

Superscript “#”	Accredited to ISO 17025
Superscript “M”	Accredited to MCertS
Superscript “U”	Individual result not accredited
None of the above symbols	Analysis unaccredited
Subscript “A”	Analysis performed on as-received Sample
Subscript “D”	Analysis performed on the dried sample, crushed to pass 2mm sieve.
Subscript “D” on Asbestos	Analysis performed on a dried aliquot of sample provided.
Subscript “A”	Analysis has dependant options against results. Details appear in the comments of your Sample receipt
IS	Insufficient Sample for analysis
US	Unsuitable Sample for analysis
NDP	No Determination Possible
NAD	No Asbestos Detected
Trace	Asbestos found not suitable for Gravimetric Quantification – not enough to accurately weigh.
N/A	Not applicable

Asbestos

Identification: 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

“Trace Asbestos Identified” will be reported if there is not enough present to verify the type.

Assigned Matrix Codes

1	SAND	6	CLAY/LOAM	A	Contains Stones
2	LOAM	7	OTHER	B	Contains Construction Rubble
3	CLAY	8	Asbestos Bulk (Only Asbestos ID accredited)	C	Contains visible hydrocarbons
4	LOAM/SAND	9	Incinerator Ash (some Metals accredited)	D	Contains glass / metal
5	SAND/CLAY			E	Contains roots / twigs

Note: 7,8,9 matrices are not covered by our ISO 17025 or MCertS accreditation, unless stated above.

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 by method A-T-007:

For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.

Results “with Clean up” indicates samples cleaned up with Silica during extraction.

EPH CWG (method A-T-055) from TPH CWG:

EPH CWG results have humics mathematically subtracted through instrument calculation.

Where these humic substances have been identified in any IDs from “TPH CWG with clean up” please note that the concentration is **NOT** included in the quantified results but present in the ID for information.

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.

Please contact your client manager if you require any further information.

Envirolab Deviating Samples Report

Hattersley Science & Technology Park, Stockport Road, Hattersley, SK14 3QU
Tel. 0161 368 4921 email. ask@envirolab.co.uk

Client: RSK Environment Ltd (Leap Pease Pottage), 1 Forest Park Way, Pease Pottage,
West Sussex, RH11 9ZG

Project No: 25/09373

Date Received: 26/08/2025 (am)

Project: New Place Farm

Cool Box Temperatures (°C): 19.1 & 19.2

Clients Project No: 375966

Lab Sample ID	25/09373/1	25/09373/2	25/09373/3
Client Sample No			
Client Sample ID/Depth	SP1-1 0.10m	SP1-2 0.15m	SP1-3 0.20m
Date Sampled	15/08/25	15/08/25	15/08/25
Deviation Code			
F	✓	✓	✓

Key

F Maximum holding time exceeded between sampling date and analysis for analytes listed below

HOLDING TIME EXCEEDANCES

Lab Sample ID	25/09373/1	25/09373/2	25/09373/3
Client Sample No			
Client Sample ID/Depth	SP1-1 0.10m	SP1-2 0.15m	SP1-3 0.20m
Date Sampled	15/08/25	15/08/25	15/08/25
VPHCWG	✓	✓	✓

If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3, ISO 18400-102:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Envirolab Analysis Dates

Lab Sample ID	25/09373/1	25/09373/2	25/09373/3	25/09373/4	25/09373/7	25/09373/8
Client Sample No						
Client Sample ID/Depth	SP1-1 0.10m	SP1-2 0.15m	SP1-3 0.20m	TP401 0.20m	TP420 0.20m	BH404 0.20m
Date Sampled	15/08/25	15/08/25	15/08/25	18/08/25	15/08/25	18/08/25
A-T-004s		01/09/2025				
A-T-007m		02/09/2025				
A-T-019s	29/08/2025	29/08/2025	29/08/2025	02/09/2025	29/08/2025	29/08/2025
A-T-022s	02/09/2025	02/09/2025	02/09/2025			
A-T-024s	29/08/2025	29/08/2025	29/08/2025	03/09/2025	29/08/2025	29/08/2025
A-T-025w		02/09/2025				
A-T-026w		02/09/2025				
A-T-026w (F)		02/09/2025				
A-T-030s		28/08/2025				
A-T-031s		28/08/2025		03/09/2025	28/08/2025	28/08/2025
A-T-031s (AR)	29/08/2025	29/08/2025	29/08/2025			
A-T-031w		02/09/2025				
A-T-032s		29/08/2025		04/09/2025	28/08/2025	28/08/2025
A-T-032w		02/09/2025				
A-T-037w		02/09/2025				
A-T-040s	28/08/2025	28/08/2025	28/08/2025	02/09/2025	28/08/2025	28/08/2025
A-T-044	29/08/2025	29/08/2025	29/08/2025	02/09/2025	29/08/2025	29/08/2025
A-T-045	27/08/2025	27/08/2025	27/08/2025	01/09/2025	27/08/2025	27/08/2025
A-T-050w		02/09/2025				
A-T-054					01/09/2025	
A-T-055s	29/08/2025	29/08/2025	29/08/2025			
A-T-ANCs		01/09/2025				
Calc-As Recd	02/09/2025	02/09/2025	02/09/2025			
Calc-no stones		02/09/2025				
Probe (w)		02/09/2025				

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

End of Report

Final Test Report

Envirolab Job Number: 25/09373
Issue Number: 1
Date: 2-Sep-25

Client: RSK Environment Ltd (Leap Pease Pottage)
1 Forest Park Way
Pease Pottage
West Sussex,
RH11 9ZG

Project Manager: *USE GeoGldata@rsk.co.uk/Phil Clare/Rory MacDonald
Project Name: New Place Farm
Project Ref: 375966
Order No: N/A

Date Samples Received: 26-Aug-25
Date Instructions Received: 26-Aug-25
Date Analysis Completed: 2-Sep-25

Notes - Soil analysis

All results are reported as dry weight (<40°C).

For samples with Matrix Codes 1 - 6 natural stones >10mm are removed or excluded from the sample prior to analysis and reported results corrected to a whole sample basis.

For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis.

Notes - General

This report shall not be reproduced, except in full, without written approval from Envirolab.

Subscript "A" indicates analysis performed on the sample as received. "D" indicates analysis performed on the dried sample, crushed to pass a 2mm sieve, unless asbestos is found to be present in which case all analysis is performed on the sample as received.

All analysis is performed on the dried and crushed sample for samples with Matrix Code 7 and this supercedes any "A" subscripts.

All analysis is performed on the sample as received for soil samples from outside the European Union and this supercedes any "D" subscripts.

For complex, multi-compound analysis, quality control results do not always fall within chart limits for every compound and we have criteria for reporting in these situations.

If results are in italic font they are associated with such quality control failures and may be 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.

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

Secondary Matrix Codes: A = contains stones, B = contains construction rubble, C = contains visible hydrocarbons, D = contains glass/metal, E = contains roots/twigs.

IS indicates Insufficient sample for analysis, NDP indicates No Determination Possible and NAD indicates No Asbestos Detected.

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.

Please contact us if you need any further information.

HWOL TPH Code: EH_CU_1D_AL: Extractable hydrocarbons - i.e. everything extracted by the solvent(s), Clean-up - e.g. by florisil, silica gel, GC - Single coil gas chromatography, Aliphatics only

Approved by:



Gemma Berrisford
Deputy Client Services Supervisor

Sample Details					Landfill Waste Acceptance Criteria Limits			
Lab Sample ID	Method	ISO17025	MCERTS	25/09373/2				
Client Sample Number					Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill	
Client Sample ID				SP1-2				
Depth to Top				0.15				
Depth to Bottom								
Date Sampled				15/08/2025				
Sample Type				Soil - ES				
Sample Matrix Code				6AE				
Solid Waste Analysis								
pH (pH Units) _D	A-T-031	N	N	4.72	-	>6	-	
ANC to pH 4 (mol/kg) _D	A-T-ANC	N	N	0.08	-	to be evaluated	to be evaluated	
ANC to pH 6 (mol/kg) _D	A-T-ANC	N	N	<0.01	-	to be evaluated	to be evaluated	
Loss on Ignition (%) _D	A-T-030	N	N	81.7	-	-	10	
Total Organic Carbon (%) _D	A-T-032	N	N	36.6	3	5	6	
PAH Sum of 17 (mg/kg) _A	A-T-019	N	N	<0.08	100	-	-	
Mineral Oil (mg/kg) _{A EH_CU_1D_AL}	A-T-007	N	N	288	500	-	-	
Sum of 7 PCBs (mg/kg) _A	A-T-004	N	N	<0.007	1	-	-	
Sum of BTEX (mg/kg) _A	A-T-022	N	N	<0.05	6	-	-	
Eluate Analysis				10:1 mg/l	10:1 mg/kg	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic	A-T-025	N	N	0.001	0.010	0.5	25	
Barium	A-T-025	N	N	0.011	0.110	20	300	
Cadmium	A-T-025	N	N	<0.001	<0.01	0.04	5	
Chromium	A-T-025	N	N	<0.001	<0.01	0.5	70	
Copper	A-T-025	N	N	0.014	0.140	2	100	
Mercury	A-T-025	N	N	<0.0005	<0.005	0.01	2	
Molybdenum	A-T-025	N	N	0.002	0.020	0.5	30	
Nickel	A-T-025	N	N	<0.002	<0.02	0.4	40	
Lead	A-T-025	N	N	<0.001	<0.01	0.5	50	
Antimony	A-T-025	N	N	<0.001	<0.01	0.06	5	
Selenium	A-T-025	N	N	<0.001	<0.01	0.1	7	
Zinc	A-T-025	N	N	0.095	0.950	4	200	
Chloride	A-T-026	N	N	5	54	800	15000	
Fluoride	A-T-026	N	N	0.5	5.0	10	150	
Sulphate as SO ₄	A-T-026	N	N	<1.00	<10	1000	20000	
Total Dissolved Solids	A-T-035	N	N	53	530	4000	60000	
Phenol Index	A-T-050	N	N	<0.01	<0.1	1	-	
Dissolved Organic Carbon	A-T-032	N	N	49.10	491	500	800	
Leach Test Information								
pH (pH Units)	A-T-031	N	N	5.2				
Conductivity (µS/cm)	A-T-037	N	N	107				
Mass Sample (kg)				0.286				
Dry Matter (%)	A-T-044	N	N	61.2				
Stated acceptance limits are for guidance only and Envirolab cannot be held responsible for any discrepancies with current legislation								

APPENDIX I – APPROACH TO THE SELECTION OF GENERIC ASSESSMENT CRITERIA

Chronic Risks to Human Health

Defra and the EA have published a limited number of Soil Guideline Values (SGVs)²⁰ that represent minimal chronic risk to human health. CL:AIRE has published a limited number of Category Four Screening Levels (C4SLs)²¹ which represent a low but still strongly precautionary level of chronic risk to human health. Both the SGVs and C4SLs have both been derived for a Soil Organic Matter (SOM) content of 6%, which is not always representative of the low SOM that are encountered within Made Ground on brownfield sites.

Land Quality Management Ltd. (LQM) responded to the demand for a more comprehensive set of screening values and for a wider range of SOM by producing Suitable for Use Levels (S4ULs)²² which are a hybrid of SGVs and C4SLs. The S4ULs have been endorsed by the Chartered Institute of Environmental Health (CIEH).

A smaller set of 35 GACs was published by CL:AIRE in association with AGS and EIC in 2010. These were based on the exposure scenarios that were used to derive the SGVs. These exposure scenarios have since been superseded, in part, by the publication of the C4SLs and the S4ULs. A second phase of C4SLs is currently under development.

LEAP uses C4SLs where they are available as generic assessment criteria to quantitatively assess the potential chronic risks to human health. Where C4SLs are not available, the S4ULs or CL:AIRE GACs are used. It is noted that S4ULs are not equivalent to C4SLs in all their exposure assumptions but are generally more conservative. To ensure the greatest possible consistency in LEAP's human health GQRAs, the physicochemical and toxicological input parameters that were used to derive the CL:AIRE GACs have been remodelled using the exposure parameters selected by LQM to derive the S4ULs.

For the organic compounds benzene and benzo(a)pyrene for which C4SLs are available for a SOM of 6% only, LEAP has calculated equivalent C4SLs for 1% and 2.5% SOM. SOM does not affect the inorganic contaminants.

²⁰ Environment Agency Science Report SC050021 series.

²¹ CL:AIRE Final Project Report. 'SP1010 – Development of Category 4 Screening Levels for assessment of land affected by contamination'. CL:AIRE, December 2013

²² 'The LQM/CIEH S4ULs for Human Health Risk Assessment', Nathaniel P et al, 2015. Copyright Land Quality Management Ltd, reproduced with permission: Publication Number S4UL3509.

In accordance with current Public Health England (PHE) guidance²³, LEAP carries out the assessment of PAHs using a surrogate marker approach, whereby the assessment of risk from benzo(a)pyrene also captures potential risks from other carcinogenic PAHs that may be present. The alternative S4ULs for PAHs using the Toxic Equivalent Factor (TEF) approach are not used because this approach is likely to under predict the true carcinogenicity of PAHs and is not advocated by PHE. The threshold PAHs have been assessed similarly, by using naphthalene as a marker compound due to its high volatility relative to other PAHs.

Total phenols are assessed by LEAP against the S4UL for phenol and total chromium is assessed against the S4UL for trivalent chromium.

LEAP does not consider the theoretical soil saturations in the evaluation of organic compounds and as such, some of the S4ULs for the less sensitive exposure scenarios are lower than their more sensitive equivalents.

Risks to human health from inhalation of vapours derived from groundwater are evaluated by LEAP using the SoBRA groundwater $GAC_{gw vap}$ ²⁴.

Acute Risks to Human Health

Cyanide has not been modelled using CLEA because it has high acute toxicity and CLEA is designed to evaluate chronic risks. Assuming an acute risk and based on a single dose of 3 g of soil, an assessment criterion of 33 mgkg^{-1} free inorganic cyanide and 544 mgkg^{-1} complex cyanide has been calculated by LEAP. At this stage LEAP has chosen to adopt a conservative screening value of 20 mgkg^{-1} for total cyanide (essentially the sum of free and complex cyanides) to highlight any potential risks to human health.

Risks to Controlled Waters

RTM (2006)²⁵ requires receptor-specific Water Quality Standards (WQS) to be used to determine potentially unacceptable risks to water bodies in England and Wales. It requires appropriate criteria to be taken from a hierarchy of sources, where they are available as follows:

1. UK published values
2. EU published values

²³ HPA 'Contaminated Land Information Sheet. Risk Assessment Approaches for Polycyclic Aromatic Hydrocarbons (PAHs)'. Public Health England, 2017.

²⁴ Society of Brownfield Risk Assessment (SoBRA) 'Development of Generic Assessment Criteria for Assessing Vapour Risks to Human Health from Volatile Contaminants in Groundwater' Version 1.0. February 2017.

²⁵ EA 'Remedial Targets Methodology: Hydrogeological Risk Assessment for Land Contamination' 2006.

3. WHO published values

Drinking Water Resources

For groundwater and surface waters that are abstracted for potable supply LEAP uses:

- UK Drinking Water Quality Standards (DWS) from *The Water Supply (Water Quality) Regulations* 2016 (England)
- The Water Supply (Water Quality) Regulations 2010 (Wales) as amended in 2016
- World Health Organisation *Guidelines for Drinking Water Quality*, Fourth Edition, Volume 1, (2011).

Where the groundwater is not abstracted for potable supply, this is a precautionary approach which protects the potential future exploitation of the groundwater.

Surface Water (Ecological) Receptors

For surface waters as ecological receptors, LEAP uses the Environmental Quality Standards (EQS) from The Water Framework Directive (Standards and Classification) Directions (England and Wales) 2015. There are no appropriate EU or WHO standards available.

Petroleum Hydrocarbons

There are no current UK standards available for petroleum hydrocarbons, either for groundwater or surface water receptors, so an initial assessment criterion of 10µg/l, based on the former target concentration for dissolved or emulsified hydrocarbons, is used to represent a conservative preliminary screening value for total petroleum hydrocarbons.

Where considered appropriate, LEAP then follows the guidance of CL:AIRE 2017²⁶ for the further assessment of the petroleum hydrocarbon fractions and derivatives. For a drinking water resource, the WHO guidelines are used. For surface waters as ecological receptors, proxy compounds are used to select appropriate EQS based on recommended indicator compounds, as follows:

- aromatic EC5-EC7 – benzene
- aromatic >EC7-EC8 – toluene
- aromatic >EC8-EC10 – ethylbenzene
- aromatic >EC10-EC12 – naphthalene

²⁶ CL:AIRE, 2017. 'Petroleum Hydrocarbons in Groundwater: Guidance on assessing petroleum hydrocarbons using existing hydrogeological risk assessment methodologies'. CL:AIRE, London. ISBN 978-1-905046-31-7.

- aromatic >EC12-EC16 – no proxy
- aromatic >EC16-EC21 – anthracene
- aromatic >EC21-EC35 – benzo(a)pyrene.

APPENDIX J – HASWASTE SHEET



Assessment Undertaken by:	Rory Macdonald	RSK Project Reference	3750966
Assessment Checked by:	Abigail Edwards	Site Reference	New Place Farm

Assessment Undertaken by:	Rory Macdonald	RSK Project Reference	3750966
Assessment Checked by:	Abigail Edwards	Site Reference	New Place Farm

Chemical Testing Laboratory and Report Ref(s):

Envirolab - 25-09166, 25-09373

Please enter available data in the rows associated with the test (grey) cells. Calculation cells initially display either "0.0000" or "#DIV/0!".
If any calculation cells below state "0.0000", testing has NOT been undertaken that contributes to that Hazardous Property.

Please enter available data in the rows associated with the test (grey) cells. Calculation cells initially display either "0.0000" or "#DIV/0!".
If any calculation cells below state "0.00000", testing has NOT been undertaken that contributes to that Hazardous Property.

Please

[illegible]

FAM (not Total FAM or Individual FAM results)	
Aroclor/Aroclene	n/g
Benzofluorene	n/g
Anthracene	n/g
Benzo(a)anthracene	n/g
Benzo(b)fluorene	n/g
Benzo(k)fluorene	n/g
Benzo(g,h,i)perylene	n/g
Dibenz(a,h)anthracene	n/g
Chrysene	n/g
Oxyceno(a,b)anthracene	n/g
Fluoranthene	n/g
Fluorene	n/g
Naphthalene	n/g
Indenol(1,2,3-cd)pyrene	n/g
Pheanthrene	n/g
Pyrene	n/g
Crocin	n/g
Crucifer	n/g
Total (16 or 17)	n/g
TPH	
Peat	n/g
Diesel	n/g
Lubric Oil	n/g
Crude Oil	n/g
White Spark / Kerosene	n/g
Cresoline	n/g
Unknown TPH with ID	
Unknown TPH with ID -	n/g
(ID Source indicates a mixture of sources including petroleum)	n/g
Unknown TPH without ID	

[illegible]

Cyanide/Sulfur compounds:	
Total Sulfide	mg/kg
Complex Cyanide	mg/kg
Free (or Total) Cyanide	mg/kg
Thiocyanate	mg/kg
Elemental Free Sulfur	mg/kg
Phenols Input Total Phenols HPLC OR individual Phenol results.	
Phenol	mg/kg
Cresols	mg/kg
Xylenols	mg/kg
Resorcinol	mg/kg
Phenols Total by HPLC	
BTEX Input Total BTEX OR individual BTEX results.	
Benzene	mg/kg
Toluene	mg/kg
Ethylbenzene	mg/kg
Xylenes	mg/kg
Total BTEX	mg/kg

[illegible]

PCBs (POPs)	
PCBs: Total (eg EC7/WHO12)	mg/kg
PBBs (POPs)	
Hexabromobiphenyl (Total or PBB153; 2,2',4,4',5,5'- if only available)	mg/kg
PFOS (POPs)	
PFOS and PFOS derivatives	mg/kg
PBDEs (POPs)	
PBDEs (sum of concentrations):	

[illegible]

POPs Dioxins and Furans	Input Total Dioxins and Furans	OR Individual Dioxin and Furans results
2,3,7,8-TeCDF	mg/kg	
1,2,3,7,8-PeCDF	mg/kg	
1,2,3,4,7,8-HxCDD	mg/kg	
1,2,3,6,7,8-HxCDD	mg/kg	
1,2,3,7,8,9-HxCDD	mg/kg	
1,2,3,4,6,7,8-HpCDD	mg/kg	
OCDD	mg/kg	
2,3,7,8-TeCDF	mg/kg	
1,2,3,7,8-PeCDF	mg/kg	
2,3,4,7,8-PeCDF	mg/kg	
1,2,3,4,7,8-HxCDF	mg/kg	
1,2,3,6,7,8-HxCDF	mg/kg	
2,3,4,6,7,8-HxCDF	mg/kg	
1,2,3,7,8,9-HxCDF	mg/kg	
1,2,3,4,6,7,8-HpCDF	mg/kg	
1,2,3,4,7,8,9-HpCDF	mg/kg	

[illegible]

Some Pesticides (POPs unless otherwise stated)	
Aldrin	mg/kg
α Hexachlorocyclohexane (alpha-HCH)	mg/kg
delta empty if total HCH results used	mg/kg
β Hexachlorocyclohexane (beta-HCH)	mg/kg
delta empty if total HCH results used	mg/kg
γ Cis-Chlordane (alpha) OR Total Chlordane	mg/kg
δ Hexachlorocyclohexane (delta-HCH)	mg/kg
delta empty if total HCH results used	mg/kg
Dieldrin	mg/kg
Endrin	mg/kg
γ Hexachlorocyclohexane (gamma-HCH)	mg/kg
delta empty OR Total HCH	mg/kg
Heptachlor	mg/kg
Hexachlorobenzene	mg/kg
p,p'-DDT empty if total DDT results used	mg/kg
p,p'-DDT OR Total DDT	mg/kg
γ Trans-Chlordane (gamma)	mg/kg
delta empty if total Chlordane results used	mg/kg
Chlordane (kepone)	mg/kg
trans-Nonachlor	mg/kg
Mirex	mg/kg
Toxaphene (camphchlor)	mg/kg

[illegible]

Tin	
Tin (leave empty if Organotin and Tin excl Organotin results used)	mg/kg
Organotin	
Dibutyltin: DiBT	mg/kg
Tributyltin: TriBT	mg/kg
Triphenyltin: TriPT	mg/kg
Tetra-butyltin: TeBT	mg/kg
Tin excluding Organotin	
Tin excl Organotin	mg/kg
Asbestos in Soil	
Asbestos detected in Soil (enter Y or N)	
Asbestos % Composition in Soil (Matrix	

[illegible]

Carcinogenic HP7 % Asbestos in Soil (fibres or micro pieces)

Please be advised, if the calculation cell is '0.00000' DOES NOT MEAN asbestos testing has been undertaken and the result is zero.

Asbestos identifiable Pieces visible with the naked eye detected in the Soil (enter Y or N)

[illegible][illegible][illegible]