Notes

1) Base image provided by Google.

2) All drawn features are approximate.

REV	DATE	COMMENT ON VARIATION
A	Jan 2023	First issue

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PROJECT
Lanwades Park, Newmarket

TITLE
Exploratory Hole Location Plan

PROJECT No.	DRAWING	REVISION
STU5875	03	A

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Appendix B Exploratory Hole Logs: Trial Pits

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Key to legends

Composite materials, soils and lithology							
	Topsoil		Made Ground		Boulders		Chalk
	Clay		Coal		Cobbles		Concrete
	Gravel		Limestone		Mudstone		Peat
	Sand		Sandstone		Silt		Siltstone

Note: Composite soil types are signified by combined symbols.

Key to 'test results' and 'sampling' columns

Test result	
Depth	Records depth that the test was carried out (i.e.: at 2.10m or between 2.10m and 2.55m)
Result	PP – Pocket penetrometer result reported as an equivalent undrained shear strength (kN/m²) by applying a factor of 50. SV – Hand held shear vane result reported as an undrained shear strength (kN/m²). Where multiple readings are taken at the same level the average value is shown on the log. * Signifies that instrument limit reached.

Sampling		
From (m) To (m)	Records depth of sampling	
Type	D	Disturbed sample
	B	Bulk disturbed sample
	ES	Environmental sample
	W	Water sample
	U	Undisturbed thick-walled sample 100mm diameter sampler
	UT	Undisturbed thin walled sample 100mm diameter sampler
	UTF	Failed undisturbed sample

Water observations

Described at foot of log and shown in the 'water strike' column.

▼ Water level observed after specified delay in drilling

▽ Water strike

Density

Density recorded in brackets determined by qualitative field assessment or inferred from density testing and soil descriptions from across the site (i.e.: [Medium dense]).

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown gravelly very sandy CLAY with occasional rootlets. Gravel is fine to coarse subrounded to angular flint. (TOPSOIL)									
	0.20								
Soft brown slightly gravelly very sandy CLAY. Gravel is fine to coarse subrounded to angular flint. (QUATERNARY DEPOSITS)					PP 0.30	PP=50	0.40	0.60	ES
					PP 0.50	PP=83			
	0.70						0.70	0.80	ES
Soft light brown slightly gravelly very sandy CLAY. Gravel is fine to medium subrounded to subangular flint and chalk. (QUATERNARY DEPOSITS)									
	0.80								
TRIAL PIT TERMINATED AT 0.80m									

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.30m x 0.30m	**Date(s)** 21/11/2022
	Method Hand tools	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**HP01**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown gravelly very sandy CLAY with occasional rootlets. Gravel is fine to coarse rounded to angular flint and occasional ash. (MADE GROUND)							0.20	0.30	ES
							0.50	0.60	ES
TRIAL PIT TERMINATED AT 0.60m	0.60								

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.30m x 0.30m	**Date(s)** 21/11/2022
	Method Hand tools	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**HP02**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto brown sandy slightly clayey medium to coarse subrounded to angular GRAVEL of granite. (MADE GROUND)							0.10	0.20	D
Light brown slightly sandy clayey fine to coarse rounded to angular GRAVEL of chalk, flint, brick and clinker. (MADE GROUND)	0.30						0.40	0.50	ES
TRIAL PIT TERMINATED AT 0.50m	0.50								

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.30m x 0.30m	**Date(s)** 21/11/2022
	Method Hand tools	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**HP03**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown gravelly very sandy CLAY with occasional rootlets. Gravel is fine to coarse subrounded to subangular flint. (TOPSOIL)									
Soft brown gravelly very sandy CLAY. Gravel is fine to coarse subrounded to subangular flint. (QUATERNARY DEPOSITS)	0.30				PP 0.30	PP=58	0.30	0.50	ES
					PP 0.50	PP=75			
TRIAL PIT TERMINATED AT 0.60m	0.60								

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.30m x 0.30m	**Date(s)** 21/11/2022
	Method Hand tools	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**HP04**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown gravelly very sandy CLAY with occasional roots and rootlets up to 20mm in diameter. Gravel is fine to coarse rounded to subangular flint and occasional ash. (TOPSOIL)							0.20	0.40	ES
Soft brown gravelly very sandy CLAY with occasional rootlets. Gravel consists of flint. (QUATERNARY DEPOSITS)	0.30								
TRIAL PIT TERMINATED AT 0.60m	0.60								

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.30m x 0.30m	**Date(s)** 21/11/2022
	Method Hand tools	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**HP05**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown slightly gravelly very sandy CLAY with occasional rootlets. Gravel is fine to medium subrounded to subangular flint. (TOPSOIL)									
	0.20								
Soft orangish brown gravelly very sandy CLAY. Gravel is fine to coarse rounded to angular flint. (QUATERNARY DEPOSITS)					PP 0.30	PP=75	0.30	0.50	ES
					PP 0.50	PP=58			
TRIAL PIT TERMINATED AT 0.60m	0.60								

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.30m x 0.30m	**Date(s)** 21/11/2022
	Method Hand tools	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**HP06**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Dark brown gravelly sandy CLAY with frequent rootlets. Gravel is fine to coarse subrounded to subang ular flint. (TOPSOIL)							0.20		ES
TRIAL PIT TERMINATED AT 0.30m	0.30								

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.30m x 0.30m	**Date(s)** 21/11/2022
	Method Hand tools	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**HP07**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto dark brown slightly sandy clayey fine to coarse subrounded to angular GRAVEL of flint and chalk with frequent rootlets. (MADE GROUND)							0.10		ES
	0.20								
Firm white and light brown gravelly CLAY. Gravel is flint and chalk. (MADE GROUND)							0.30		ES
	0.40								
Soft brown gravelly sandy CLAY. Gravel is fine to medium subrounded to subangular flint and chalk. (QUATERNARY DEPOSITS)							0.50		ES
	0.70								
Light brown gravelly slightly clayey SAND. Gravel is fine to coarse subrounded to subangular chalk and flint. (QUATERNARY DEPOSITS)							1.10		ES
	1.20								
TRIAL PIT TERMINATED AT 1.20m									

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.30m x 0.30m	**Date(s)** 21/11/2022
	Method Hand tools	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**HP08**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto [dense] brown gravelly slightly clayey SAND with cobbles of flint. Gravel is subrounded to subangular medium to coarse flint. (MADE GROUND)							0.20		ES
	0.60								
[Dense] grey gravelly slightly clayey SAND. Gravel is fine to coarse subrounded to angular flint, sandstone, conglomerate and concrete with rare metal fragment. (MADE GROUND)							0.70		ES
	1.00								
[Dense] dark grey slightly gravelly slightly clayey SAND. Gravel is fine to coarse subrounded to angular flint. (MADE GROUND)							1.20		ES
...at 1.25m depth, rootlets present.									
	1.30								
TRIAL PIT TERMINATED AT 1.30m									

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.30m x 0.30m	**Date(s)** 13/01/2023
	Method Hand tools	**Logged by** SH	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** AM	**Revision** A
	Co-ordinates -	**Checked by** KB	**HP09**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Soft dark brown slightly gravelly slightly sandy CLAY. Gravel is fine to coarse subangular to subrounded flint. (TOPSOIL)	0.10						0.00	0.10	ES
Soft mottled orange slightly gravelly slightly sandy CLAY. Gravel is fine to coarse subangular to subrounded flint. (QUATERNARY DEPOSITS)							0.10	0.70	ES
Structureless CHALK composed of slightly sandy clayey subangular to subrounded GRAVEL and COBBLES. Clasts are weak, low to medium density, white. Matrix is white mottled orange. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	0.70						1.00		ES
Structureless CHALK composed of slightly clayey subangular to subrounded GRAVEL. Clasts are moderately weak, low density, white. Matrix is white mottled orange. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	1.90						2.70		B
TRIAL PIT TERMINATED AT 3.00m	3.00								

Notes Trial pit sides remained upright and stable upon completion. Infiltration testing performed.	**Title** Trial pit record	**Dimensions (w x l)** 0.70m x 3.80m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** JH	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP01**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown gravelly sandy CLAY with frequent rootlets. Gravel is fine to coarse rounded to angular flint. (TOPSOIL)	0.35								
Structureless CHALK composed of sandy slightly clayey subrounded to angular GRAVEL. Clasts are weak, low density, cream with occasional black specks. Matrix is light brown. Occasional flint gravel. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)							0.60		D
Structureless CHALK composed of subangular GRAVEL and COBBLES. Clasts are weak, low to medium density, white. Matrix is white mottled orange. Occasional flint gravel. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	1.40						1.50		ES
...from 2.1m depth, flint gravels becoming rare.							2.70	2.80	ES
TRIAL PIT TERMINATED AT 3.05m	3.05								

Notes Trial pit sides remained upright and stable upon completion. Infiltration testing performed.	**Title** Trial pit record	**Dimensions (w x l)** 0.75m x 3.15m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP02**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Soft brown slightly sandy gravelly CLAY with rootlets. Gravel is fine to medium subrounded flint. (TOPSOIL)	0.20						0.10		ES
Soft light brown mottled orange slightly gravelly sandy CLAY. Gravel is fine to coarse angular to subrounded flint and chalk. (QUATERNARY DEPOSITS)	0.50						0.50		D
Structureless CHALK composed of slightly sandy clayey subangular to subrounded GRAVEL with frequent subangular cobbles. Clasts are weak, low to medium density, white. Matrix is white mottled orange. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)							1.50		ES
							2.40		ES
Structureless CHALK composed of slightly clayey subangular to subrounded GRAVEL. Clasts are moderately weak, medium density, white. Matrix is white mottled orange. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	3.00								
TRIAL PIT TERMINATED AT 3.20m	3.20						3.20		ES

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.75m x 3.10m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** JH	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP03**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Dark brown slightly gravelly slightly sandy CLAY with frequent roots. Gravel is fine to medium angular to subrounded flint and brick. (MADE GROUND)	0.10						0.05		ES
Light brown slightly gravelly slightly sandy CLAY. Gravel is fine to medium angular to subrounded flint and brick. (MADE GROUND)	0.30						0.40		ES
Light grey slightly gravelly CLAY. Gravel is fine to coarse subangular to subrounded chalk, flint and brick. (MADE GROUND)	0.60								
Dark grey slightly sandy gravelly CLAY. Gravel is fine to coarse angular to subangular flint and brick with wood and fabric present. Strong hydrocarbon odour and staining between 0.6-1.1m depth. (MADE GROUND)							1.10	1.20	ES
TRIAL PIT TERMINATED AT 1.20m	1.20								

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.50m x 1.80m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** JH	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP04**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown gravelly sandy CLAY with frequent rootlets. Gravel is fine to coarse subrounded to subangular flint. (TOPSOIL)							0.00	0.10	ES
Light brown gravelly slightly clayey SAND. Gravel is fine to coarse rounded to subangular flint and chalk. (QUATERNARY DEPOSITS)	0.30								
Soft brown gravelly very sandy CLAY. Gravel is fine to coarse rounded to angular flint. (QUATERNARY DEPOSITS)	0.60						0.60		ES
Light brown gravelly slightly clayey SAND. Gravel is fine to coarse rounded to subangular flint and chalk. (QUATERNARY DEPOSITS)	1.10								
...from 1.7m depth, occasional cobbles of flint.							1.50		ES
TRIAL PIT TERMINATED AT 2.50m	2.50						2.50		ES

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.70m x 2.20m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP05**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Soft dark brown slightly gravelly sandy CLAY. Gravel is fine to medium subangular to subrounded flint. (TOPSOIL)	0.10						0.10		ES
Soft brown and light brown slightly gravelly slightly sandy CLAY. Gravel is fine to medium subangular to subrounded flint and chalk. (QUATERNARY DEPOSITS)							0.50		ES
Structureless CHALK composed of slightly sandy slightly clayey GRAVEL and COBBLES. Clasts are weak, low to medium density, white. Matrix is white. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	0.90						1.50		D
							2.30		ES
TRIAL PIT TERMINATED AT 3.50m	3.50						3.50		ES

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.70m x 3.40m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** JH	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP06**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Soft dark brown slightly gravelly sandy CLAY. Gravel is fine to medium subangular to subrounded flint. (TOPSOIL)	0.10						0.30		D
Soft brown and light brown slightly gravelly very sandy CLAY. Gravel is fine to medium subangular to subrounded flint. (QUATERNARY DEPOSITS)	0.50						0.80		B
Structureless CHALK composed of slightly sandy slightly gravelly CLAY. Clasts are weak, medium density white. Occasional flint gravels. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dm)									
TRIAL PIT TERMINATED AT 2.00m	2.00						2.00		D

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.60m x 2.40m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** JH	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP07**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Soft dark brown slightly gravelly sandy CLAY. Gravel is fine to medium subangular to subrounded flint. (TOPSOIL)	0.10								
Soft brown and light brown slightly sandy gravelly CLAY. Gravel is fine to medium subrounded flint. (QUATERNARY DEPOSITS)									
Light brown very gravelly SAND. Gravel is fine to coarse subrounded to subangular chalk. (QUATERNARY DEPOSITS)	0.60						0.60		ES
Structureless CHALK composed of sandy GRAVEL and COBBLES. Clasts are weak, low to medium density, white. Matrix is white. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	1.10						1.60		B
							3.00		B
TRIAL PIT TERMINATED AT 3.30m	3.30								

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.60m x 2.90m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** JH	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP08**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Soft dark brown slightly gravelly sandy CLAY. Gravel is fine to medium subangular to subrounded flint. (TOPSOIL)	0.10						0.10		ES
Soft brown slightly sandy CLAY. (QUATERNARY DEPOSITS)	0.40								
Light brown slightly gravelly CLAY. Gravel is fine to coarse subangular to subrounded flint and chalk. (QUATERNARY DEPOSITS)							0.80		B
							1.20		B
Structureless CHALK composed of sandy GRAVEL and COBBLES. Clasts are moderately weak, low density white. Matrix is white (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	1.90								
TRIAL PIT TERMINATED AT 2.50m	2.50						2.90		B

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.70m x 3.10m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** JH	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP09**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Soft dark brown slightly gravelly sandy CLAY. Gravel is fine to medium subangular to subrounded flint. (TOPSOIL)	0.10						0.00	0.10	ES
Light brown slightly gravelly clayey SAND. Gravel is fine to coarse subangular to subrounded flint. (QUATERNARY DEPOSITS)							1.00		B
Light brown slightly gravelly sandy CLAY. Gravel is fine to coarse subangular to subrounded flint and chalk. (QUATERNARY DEPOSITS)	1.50						1.50		B
Structureless CHALK composed of sandy GRAVEL and COBBLES. Clasts are moderately weak, low to medium density, white. Matrix is white. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	2.70								
TRIAL PIT TERMINATED AT 3.30m	3.30						3.30		B

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.70m x 3.00m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** JH	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP10**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown gravelly sandy CLAY with frequent rootlets. Gravel is fine to coarse subrounded to angular flint. (TOPSOIL)							0.40		ES
Light brown gravelly slightly clayey SAND. Gravel is fine to coarse subrounded to angular flint and chalk. (QUATERNARY DEPOSITS)	0.60						0.80		B
Structureless CHALK composed of sandy clayey GRAVEL. Clasts are weak, medium density, white with black flecks. Matrix is off-white. Occasional flint gravels. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	1.80						2.00		D
TRIAL PIT TERMINATED AT 3.00m	3.00						3.00		B

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.50m x 3.20m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP11**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown gravelly sandy CLAY with frequent rootlets. Gravel is fine to coarse subrounded to subangular flint. (TOPSOIL)							0.40		ES
Light brown very gravelly slightly clayey SAND with occasional cobbles of flint. Gravel is fine to coarse subrounded to angular flint and chalk. (QUATERNARY DEPOSITS)	0.60						0.80		D
Structureless CHALK composed of sandy silty GRAVEL. Clasts are moderately weak, medium density, white with occasional black flecks. Matrix is cream. Occasional flint gravels. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	1.70						2.20		ES
							3.10		D
TRIAL PIT TERMINATED AT 3.30m	3.30								

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.50m x 3.50m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP12**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown gravelly very sandy CLAY with frequent rootlets. Gravel is fine to coarse rounded to angular flint. (TOPSOIL)	0.20						0.20		ES
Firm brown slightly gravelly slightly sandy CLAY. Gravel is flint and chalk. (QUATERNARY DEPOSITS)									
TRIAL PIT TERMINATED AT 0.70m	0.70								

Notes Trial pit sides remained upright and stable upon completion. Trial pit terminated due to presence of cable.	**Title** Trial pit record	**Dimensions (w x l)** 0.50m x 3.00m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP13**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown sandy very gravelly CLAY with occasional cobbles of flint and frequent rootlets and roots up to 30mm in diameter. Gravel is fine to coarse rounded to angular flint. (TOPSOIL)							0.50		D
Light brown very sandy clayey fine to coarse rounded to angular GRAVEL of flint and chalk with frequent cobbles of flint. (QUATERNARY DEPOSITS)	0.60						1.10		ES
...between 1.3m and 1.9m depth, band of flint cobbles.									
Structureless CHALK composed of sandy slightly clayey GRAVEL and COBBLES. Clasts are weak to moderately weak, low to medium density, white with black flecks. Matrix is cream. Occasional flint gravels. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	1.90						1.90		B
TRIAL PIT TERMINATED AT 2.30m	2.30								

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.50m x 3.00m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP13A**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown and light brown gravelly sandy CLAY. Gravel is fine to coarse rounded to angular flint and chalk. (TOPSOIL)							0.30		ES
Orangish brown gravelly slightly clayey SAND. Gravel is fine to coarse subrounded to angular flint. (QUATERNARY DEPOSITS)	0.40						0.70		D
Light brown SAND and GRAVEL with frequent cobbles of flint. Gravel is fine to coarse rounded to angular flint and chalk. (QUATERNARY DEPOSITS)	1.10						1.50		B
Structureless CHALK composed of angular sandy GRAVEL. Clasts are weak, low density, white. Matrix is cream. Occasional flint gravel and cobbles. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	2.30						2.40		B
TRIAL PIT TERMINATED AT 3.10m	3.10						3.00		B

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.50m x 3.00m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP14**

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STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown gravelly very sandy CLAY with occasional cobbles of flint and frequent rootlets. Gravel is fine to coarse rounded to angular flint. (TOPSOIL)							0.30		ES
Light brown sandy clayey fine to coarse rounded to angular GRAVEL of flint and chalk with frequent cobbles of flint and chalk. (QUATERNARY DEPOSITS)	0.60						1.00		ES
Structureless CHALK composed of sandy slightly clayey GRAVEL and COBBLES. Clasts are weak to moderately weak, low to medium density, white with black flecks. Matrix is cream. Occasional flint gravels. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	1.30						1.40		B
TRIAL PIT TERMINATED AT 2.50m	2.50						2.40		B

Notes Trial pit sides remained upright and stable upon completion.	**Title** Trial pit record	**Dimensions (w x l)** 0.50m x 2.80m	**Date(s)** 21/11/2022
	Method Machine excavator	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	**Level (m OD)** -	**Compiled by** KD	**Revision** A
	Co-ordinates -	**Checked by** KB	**TP15**

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Appendix C Exploratory Hole Logs: Boreholes

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Key to legends

Composite materials, soils and lithology							
	Topsoil		Made Ground		Boulders		Chalk
	Clay		Coal		Cobbles		Concrete
	Gravel		Limestone		Mudstone		Peat
	Sand		Sandstone		Silt		Siltstone

Note: Composite soil types are signified by combined symbols.

Key to 'test results' and 'sampling' columns

Test result		
Depth		Records depth that the test was carried out (i.e.: at 2.10m or between 2.10m and 2.55m)
Result		PP – Pocket penetrometer result reported as an equivalent undrained shear strength (kN/m^2) by applying a factor of 50. SV – Hand held shear vane result reported as an undrained shear strength (kN/m^2). Where multiple readings are taken at the same level the average value is shown on the log. * Signifies that instrument limit reached.
		SPT – Standard Penetration Test result (N value) (uncorrected)[1,2,3] SPT(c) – Standard Penetration Test result (solid cone) (N value) (uncorrected)[1,2,3]
		UT – Undisturbed sample 100mm diameter sampler with number of blows of driving equipment required to obtain sample

Sampling		
From (m) To (m)		Records depth of sampling
Type	D	Disturbed sample
	B	Bulk disturbed sample
	ES	Environmental sample
	W	Water sample
	U	Undisturbed thick-walled sample 100mm diameter sampler
	UT	Undisturbed thin walled sample 100mm diameter sampler
	UTF	Failed undisturbed sample

Water observations

Described at foot of log and shown in the 'water strike' column.

Water level observed after specified delay in drilling

Water strike

Installation details

	Gravel filter		Bentonite
	Slotted pipe		Unslotted pipe
	Arisings		Grout
	Extensometer magnet		Vibrating wire piezometer

Density

Density recorded in brackets determined by qualitative field assessment or inferred from density testing and soil descriptions from across the site (i.e.: [Medium dense]).

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INSTALL	STRATA				WATER STRIKES	SPT TESTING				OTHER IN SITU TESTING		SAMPLING		
	DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Gravel surfacing onto soft dark brown gravelly CLAY. Gravel is fine to coarse rounded to angular flint. (TOPSOIL)											0.20	0.30	ES
	Soft light brown gravelly very sandy CLAY with occasional rootlets. Gravel is fine to coarse subrounded to angular flint and chalk. (QUATERNARY DEPOSITS)	0.45										0.50	0.60	ES
	Medium dense becoming very dense light brown very sandy slightly clayey fine to coarse subrounded to angular GRAVEL of flint and chalk. (QUATERNARY DEPOSITS)	0.70				S 1.20 - 1.62	(16) 50/270mm					0.80	1.20	ES
	BOREHOLE TERMINATED AT 1.62m	1.62												

Notes Service pit excavated to 1.2m depth. Borehole terminated due to competency of ground.	**Title** Dynamic windowless sampling record				**Date(s)** 21/11/2022
	Recovery details		**Method** Windowless sampler	**Logged by** TL	**Sheet number** Sheet 1 of 1
	Range (m)	Recovery (%)			
Groundwater observations No groundwater encountered.			**Level (m OD)** -	**Compiled by** KD	**Revision** A
			Co-ordinates -	**Checked by** KB	**WS01**

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INSTALL	STRATA				WATER STRIKES	SPT TESTING				OTHER IN SITU TESTING		SAMPLING		
	DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto soft dark brown slightly sandy gravelly CLAY with frequent rootlets. Gravel is fine to coarse subrounded to subangular flint. (TOPSOIL)											0.10	0.20	ES
	Soft light brown gravelly very sandy CLAY. Gravel is fine to coarse subrounded to angular flint and chalk. (QUATERNARY DEPOSITS)	0.40										0.70	0.80	ES
	Structureless CHALK composed of sandy GRAVEL. Clasts are weak, medium density, white. Matrix is light brown. Frequent flint gravel. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	1.10				S 1.20 - 1.65 S 2.00 - 2.45	(6) 38 (18) 50					1.40	1.60	D
	BOREHOLE TERMINATED AT 2.45m	2.45												

Notes
Service pit excavated to 1.2m depth. Borehole terminated due to competency of ground.

Groundwater observations
No groundwater encountered.

Title
Dynamic windowless sampling record

Recovery details	
Range (m)	Recovery (%)
1.10 - 2.00	100

Method
Windowless sampler

Logged by
TL

Level (m OD)
-

Compiled by
KD

Co-ordinates
-

Checked by
KB

Date(s)
21/11/2022

Sheet number
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Revision
A

WS02

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INSTALL	STRATA: DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND	WATER STRIKES	SPT TESTING: TYPE / DEPTH (m)	SPT TESTING: RESULT	SPT TESTING: CASING DEPTH (m)	SPT TESTING: WATER LEVEL (m)	OTHER IN SITU TESTING: TYPE / DEPTH (m)	OTHER IN SITU TESTING: RESULT	SAMPLING: FROM (m)	SAMPLING: TO (m)	SAMPLING: TYPE
	Grass onto dark brown slightly sandy gravelly CLAY with frequent rootlets. Gravel is fine to coarse subrounded to subangular flint. (TOPSOIL)											0.30	0.40	ES
	Structureless CHALK composed of sandy clayey GRAVEL. Clasts are weak, medium density light brown and white. Matrix is light brown. Frequent flint gravel. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	0.50				S 1.20 - 1.65	(14) 34					1.00	1.20	ES
						S 2.00 - 2.41	(6) 17/260mm					2.20	2.40	ES
	Structureless CHALK composed of gravelly slightly sandy CLAY. Clasts are weak, white and off-white. Occasional flint gravel. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dm)	2.60				S 3.00 - 3.45	(15) 51					3.00	3.20	ES
	BOREHOLE TERMINATED AT 3.45m	3.45												

Notes
Service pit excavated to 1.2m depth. Borehole terminated due to competency of ground.

Groundwater observations
No groundwater encountered.

Recovery details

Range (m)	Recovery (%)
1.20 - 2.00	100
2.00 - 3.00	100
3.00 - 3.60	100

Title
Dynamic windowless sampling record

Method
Windowless sampler

Logged by
TL

Level (m OD)
-

Compiled by
KD

Co-ordinates
-

Checked by
KB

Date(s)
21/11/2022

Sheet number
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Revision
A

WS03

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INSTALL	STRATA				WATER STRIKES	SPT TESTING				OTHER IN SITU TESTING		SAMPLING		
	DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto soft dark brown slightly sandy gravelly CLAY with frequent rootlets. Gravel is fine to coarse subrounded to subangular flint. (TOPSOIL)											0.30		ES
	Firm brown slightly gravelly sandy CLAY with occasional roots and rootlets up to 20mm in diameter. Gravel is fine to coarse subrounded to subangular flint. (QUATERNARY DEPOSITS)	0.40				S 1.20 - 1.50	(17) 50/155mm					0.60		ES
	BOREHOLE TERMINATED AT 1.50m	1.50												

Notes Service pit excavated to 1.2m depth. Borehole terminated due to competency of ground.	**Title** Dynamic windowless sampling record				**Date(s)** 21/11/2022
	Recovery details		**Method** Windowless sampler	**Logged by** TL	**Sheet number** Sheet 1 of 1
	Range (m)	Recovery (%)			
Groundwater observations No groundwater encountered.			**Level (m OD)** -	**Compiled by** KD	**Revision** A
			Co-ordinates -	**Checked by** KB	**WS04**

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INSTALL	STRATA: DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND	WATER STRIKES	SPT TESTING: TYPE / DEPTH (m)	SPT TESTING: RESULT	SPT TESTING: CASING DEPTH (m)	SPT TESTING: WATER LEVEL (m)	OTHER IN SITU TESTING: TYPE / DEPTH (m)	OTHER IN SITU TESTING: RESULT	SAMPLING: FROM (m)	SAMPLING: TO (m)	SAMPLING: TYPE
	Grass onto soft dark brown slightly sandy gravelly CLAY with frequent rootlets. Gravel is fine to coarse subrounded to subangular flint. (TOPSOIL)	0.30										0.20		ES
	Light brown gravelly clayey SAND. Gravel is fine to coarse subrounded to angular chalk and flint. (QUATERNARY DEPOSITS)											0.70		ES
						S 1.20 - 1.65	(5) 30							
	Structureless CHALK composed of sandy clayey GRAVEL. Clasts are weak, medium density white. Matrix is cream. Frequent flint gravel. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	1.40										1.50		D
						S 2.00 - 2.40	(23) 49/250mm							
	BOREHOLE TERMINATED AT 2.40m	2.40												

Notes
Service pit excavated to 1.2m depth. Borehole terminated due to competency of ground.

Groundwater observations
No groundwater encountered.

Title
Dynamic windowless sampling record

Date(s)
21/11/2022

Recovery details		Method	Logged by	Sheet number
Range (m)	Recovery (%)	Windowless sampler	TL	Sheet 1 of 1
1.20 - 2.00	100	**Level (m OD)** -	**Compiled by** KD	**Revision** A
		Co-ordinates -	**Checked by** KB	**WS05**

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INSTALL	STRATA				WATER STRIKES	SPT TESTING				OTHER IN SITU TESTING		SAMPLING		
	DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto soft dark brown slightly sandy gravelly CLAY with frequent rootlets. Gravel is fine to coarse subrounded to angular flint. (TOPSOIL)	0.30										0.40		ES
	Light brown gravelly clayey SAND. Gravel is fine to coarse rounded to angular flint and chalk. (QUATERNARY DEPOSITS)					S 1.20 - 1.65	(7) 20					1.00		ES
	Structureless CHALK composed of sandy clayey GRAVEL. Clasts are weak, medium density cream and light brown. Matrix is light brown. Frequent flint gravel. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	1.40				S 2.00 - 2.35	(22) 50/200mm					1.60		D
	BOREHOLE TERMINATED AT 2.35m	2.35												

Notes
Borehole terminated due to competency of ground.

Groundwater observations
No groundwater encountered.

Title
Dynamic windowless sampling record

Date(s)
21/11/2022

Recovery details	
Range (m)	Recovery (%)
1.20 - 2.00	100

Method
Windowless sampler

Logged by
TL

Sheet number
Sheet 1 of 1

Level (m OD)
-

Compiled by
KD

Revision
A

Co-ordinates
-

Checked by
KB

WS06

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INSTALL	STRATA: DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND	WATER STRIKES	SPT TESTING: TYPE / DEPTH (m)	SPT TESTING: RESULT	SPT TESTING: CASING DEPTH (m)	SPT TESTING: WATER LEVEL (m)	OTHER IN SITU TESTING: TYPE / DEPTH (m)	OTHER IN SITU TESTING: RESULT	SAMPLING: FROM (m)	SAMPLING: TO (m)	SAMPLING: TYPE
	Grass onto soft brown gravelly sandy CLAY with frequent rootlets. Gravel is fine to coarse subrounded to subangular flint. (TOPSOIL - MADE GROUND)													
		0.30										0.35		ES
	Grey sandy clayey subrounded to subangular GRAVEL of flint and brick. (MADE GROUND)	0.40										0.60		ES
	Brown gravelly sandy CLAY. Gravel is fine to coarse subrounded to angular flint. (QUATERNARY DEPOSITS)					S 1.20 - 1.65	(2) 9					1.30		ES
	Structureless CHALK composed of gravelly slightly sandy CLAY. Gravel is weak, low density cream. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dm)	1.40				S 2.00 - 2.45	(16) 52					1.90		D
	BOREHOLE TERMINATED AT 2.45m	2.45												

Notes
Service pit excavated to 1.2m depth. Silting up at 1.9m depth. Borehole terminated due to competency of ground.

Groundwater observations
Groundwater encountered at 0.8m depth. Water standing at 1.9m 6 hours later.

Title
Dynamic windowless sampling record

Date(s)
21/11/2022

Recovery details		Method	Logged by	Sheet number
Range (m)	Recovery (%)	Windowless sampler	TL	Sheet 1 of 1
1.20 - 2.00	90	**Level (m OD)** -	**Compiled by** KD	**Revision** A
		Co-ordinates -	**Checked by** KB	**WS07**

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INSTALL	STRATA				WATER STRIKES	SPT TESTING				OTHER IN SITU TESTING		SAMPLING		
	DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto soft dark brown slightly sandy gravelly CLAY. Gravel is fine to coarse subrounded to angular flint. (TOPSOIL)											0.20		ES
	Medium dense becoming very dense light brown gravelly SAND. Gravel is fine to coarse subrounded to angular flint. (QUATERNARY DEPOSITS)	0.30										0.80		ES
						S 1.20 - 1.39	(25/30mm) 50/160mm							
	BOREHOLE TERMINATED AT 1.39m	1.39												

Notes Service pit excavated to 1.2m depth. Borehole terminated due to competency of ground.	**Title** Dynamic windowless sampling record				**Date(s)** 21/11/2022
	Recovery details		**Method** Windowless sampler	**Logged by** TL	**Sheet number** Sheet 1 of 1
	Range (m)	Recovery (%)			
Groundwater observations No groundwater encountered.			**Level (m OD)** -	**Compiled by** KD	**Revision** A
			Co-ordinates -	**Checked by** KB	**WS08**

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INSTALL	STRATA: DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND	WATER STRIKES	SPT TESTING: TYPE / DEPTH (m)	SPT TESTING: RESULT	SPT TESTING: CASING DEPTH (m)	SPT TESTING: WATER LEVEL (m)	OTHER IN SITU TESTING: TYPE / DEPTH (m)	OTHER IN SITU TESTING: RESULT	SAMPLING: FROM (m)	SAMPLING: TO (m)	SAMPLING: TYPE
	Grass onto soft dark brown gravelly sandy CLAY with frequent rootlets. Gravel is fine to coarse subrounded to subangular flint. (TOPSOIL)											0.10		ES
	Firm light brown gravelly sandy CLAY. Gravel is fine to coarse subrounded to subangular flint. (QUATERNARY DEPOSITS)	0.30												
	Medium dense light brown slightly sandy clayey fine to coarse rounded to angular GRAVEL of flint and chalk. (QUATERNARY DEPOSITS)	0.60										0.70		ES
						S 1.20 - 1.65	(20) 22							
	Structureless CHALK composed of sandy very clayey GRAVEL. Clasts are weak, medium density white. Matrix is white. Occasional flint gravel. (HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - Grade Dc)	1.60				S 2.00 - 2.45	(10) 20					1.80		D
						S 3.00 - 3.43	(20) 50/280mm					2.50		D
	BOREHOLE TERMINATED AT 3.43m	3.43												

Notes
Service pit excavated to 1.2m depth. Borehole terminated due to competency of ground.

Groundwater observations
No groundwater encountered.

Title
Dynamic windowless sampling record

Date(s)
21/11/2022

Recovery details: Range (m)	Recovery details: Recovery (%)
1.20 - 2.00	100
2.00 - 3.00	90

Method
Windowless sampler

Logged by
TL

Sheet number
Sheet 1 of 1

Level (m OD)
-

Compiled by
KD

Revision
A

Co-ordinates
-

Checked by
KB

WS09

Lanwades Park, Kentford, Newmarket
STU5875

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INSTALL	STRATA				WATER STRIKES	SPT TESTING				OTHER IN SITU TESTING		SAMPLING		
	DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto soft dark brown gravelly slightly sandy CLAY with frequent rootlets. Gravel is fine to coarse subrounded to subangular flint. (TOPSOIL)											0.30		ES
	Stiff light brown slightly sandy gravelly CLAY. Gravel is fine to coarse rounded to angular flint and chalk. (QUATERNARY DEPOSITS)	1.00				S 1.20 - 1.65	(18) 50					1.10		D
	BOREHOLE TERMINATED AT 1.65m	1.65												

Notes Service pit excavated to 1.2m depth. Borehole terminated due to competency of ground.	**Title** Dynamic windowless sampling record				**Date(s)** 21/11/2022
	Recovery details		**Method** Windowless sampler	**Logged by** TL	**Sheet number** Sheet 1 of 1
Groundwater observations No groundwater encountered.	Range (m)	Recovery (%)	**Level (m OD)** -	**Compiled by** KD	**Revision** A
			Co-ordinates -	**Checked by** KB	**WS10**

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INSTALL	STRATA				WATER STRIKES	SPT TESTING				OTHER IN SITU TESTING		SAMPLING		
	DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto soft dark brown gravelly slightly sandy CLAY with frequent rootlets. Gravel is fine to coarse subrounded to subangular flint. (TOPSOIL)	0.30										0.10		ES
	Soft brown gravelly very sandy CLAY. Gravel is fine to coarse rounded to angular flint. (QUATERNARY DEPOSITS)	1.00										0.60		ES
	Dense light brown gravelly clayey SAND. Gravel is fine to coarse subrounded to subangular flint and chalk. (QUATERNARY DEPOSITS)					S 1.20 - 1.40	(25/50mm) 50/150mm					1.10		D
	BOREHOLE TERMINATED AT 1.40m	1.40												

Notes
Service pit excavated to 1.2m depth. Borehole terminated due to competency of ground.

Groundwater observations
No groundwater encountered.

Title
Dynamic windowless sampling record

Date(s)
21/11/2022

Recovery details		Method	Logged by	Sheet number
Range (m)	Recovery (%)	Windowless sampler	TL	Sheet 1 of 1
1.00 - 1.20	100	**Level (m OD)** -	**Compiled by** KD	**Revision** A
		Co-ordinates -	**Checked by** KB	**WS11**

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Appendix D In Situ Test Results

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Table summarising Pocket Penetrometer results

** Instrument limit reached.*

Location	Start Depth (m)	Results 1-3	Average	Undrained Shear Strength (kN/m^2)
HP01	0.10	0.5/1/1	0.83	42
HP01	0.30	1.5/1/0.5	1.00	50
HP01	0.50	2.5/1/1.5	1.67	83
HP02	0.10	1.5/1.5/1.5	1.50	75
HP02	0.30	1.5/1.5/1.5	1.50	75
HP02	0.50	1.5/1.5/1.5	1.50	75
HP04	0.10	1.5/1/1.5	1.33	67
HP04	0.30	1/1.5/1	1.17	58
HP04	0.50	1.5/1.5/1.5	1.50	75
HP05	0.10	1.5/1.5/1.5	1.50	75
HP05	0.30	1.5/1.5/1.5	1.50	75
HP05	0.50	1.5/1.5/1.5	1.50	75
HP06	0.10	1.5/1/1.5	1.33	67
HP06	0.30	1.5/1.5/1.5	1.50	75
HP06	0.50	1/1/1.5	1.17	58

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Table summarising Standard Penetration Test (SPT) results

Location	Start Depth (m)					Penetration (mm)	
		Seating 1-2	Main 1-4	Total Seating	Total Main	Total Seating	Total Main
WS01	1.20	7/9	11/13/16/10	16	50	150	270
WS02	1.20	2/4	8/8/9/13	6	38	150	300
WS02	2.00	8/10	13/14/16/7	18	50	150	300
WS03	1.20	7/7	7/8/8/11	14	34	150	300
WS03	2.00	3/3	4/4/4/5	6	17	150	260
WS03	3.00	7/8	11/12/13/15	15	51	150	300
WS04	1.20	7/10	19/27/4	17	50	150	155
WS05	1.20	2/3	5/7/8/10	5	30	150	300
WS05	2.00	9/14	14/14/15/6	23	49	150	250
WS06	1.20	3/4	4/5/5/6	7	20	150	300
WS06	2.00	10/12	19/19/12	22	50	150	200
WS07	1.20	1/1	1/1/2/5	2	9	150	300
WS07	2.00	7/9	11/13/14/14	16	52	150	300
WS08	1.20	25	50	25	50	30	160
WS09	1.20	9/11	7/6/5/4	20	22	150	300
WS09	2.00	5/5	5/5/5/5	10	20	150	300
WS09	3.00	9/11	13/12/14/11	20	50	150	280
WS10	1.20	8/10	12/13/15/10	18	50	150	300
WS11	1.20	25	50	25	50	50	150

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Appendix E In situ Permeability Testing Results

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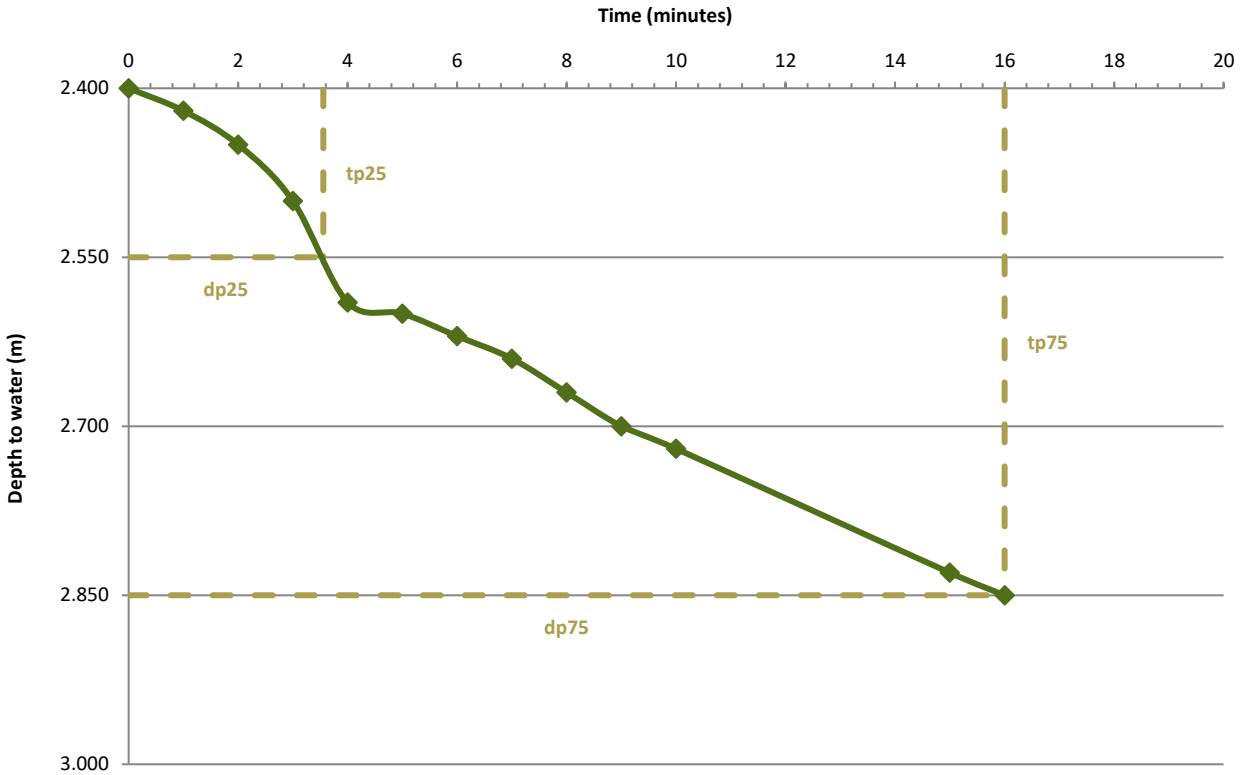
Soil infiltration test (following BRE Digest 365 2016)

Location	Cycle	Test date	Dimensions (m)
TP01	1	21/11/2022	0.70m x 3.80m

Depth at start of test (m)	Groundwater observations (at time of excavation)
2.4	No groundwater encountered.



$$f = \frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$$

V_{p75-25} Effective storage volume of water between 75% (dp75) and 25% (dp25) effective depth	**0.798**	**m^3**
a_{p50} Internal surface area up to 50% effective depth and including the base	**5**	**m^2**
$t_{p75} - t_{p25}$ Time for the water level to fall from 75% to 25% effective depth	**747**	**s**
f Soil infiltration rate	**1.99E-04**	**m/s**

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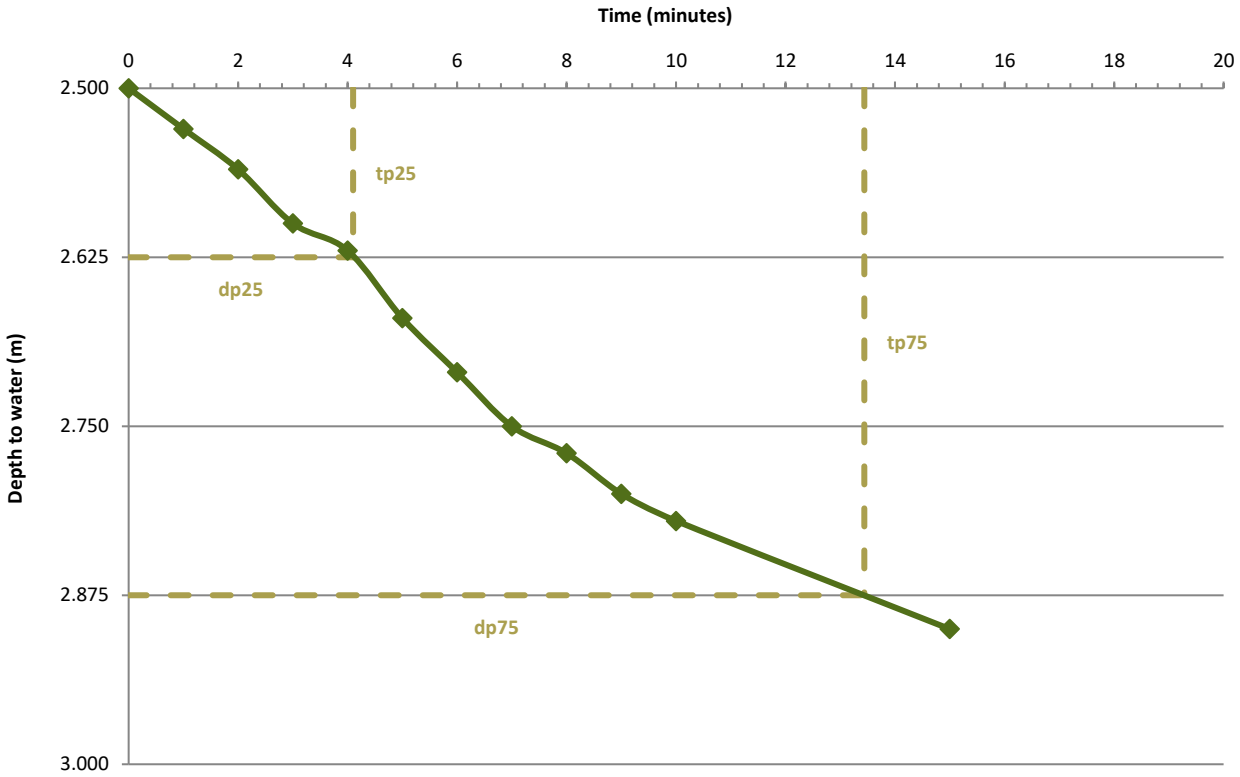
Soil infiltration test (following BRE Digest 365 2016)

Location	Cycle	Test date	Dimensions (m)
TP01	2	21/11/2022	0.70m x 3.80m

Depth at start of test (m)	Groundwater observations (at time of excavation)
2.5	No groundwater encountered.



$$f = \frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$$

V_{p75-25} Effective storage volume of water between 75% (dp75) and 25% (dp25) effective depth	**0.665**	**m^3**
a_{p50} Internal surface area up to 50% effective depth and including the base	**5**	**m^2**
$t_{p75} - t_{p25}$ Time for the water level to fall from 75% to 25% effective depth	**560**	**s**
f Soil infiltration rate	**2.42E-04**	**m/s**

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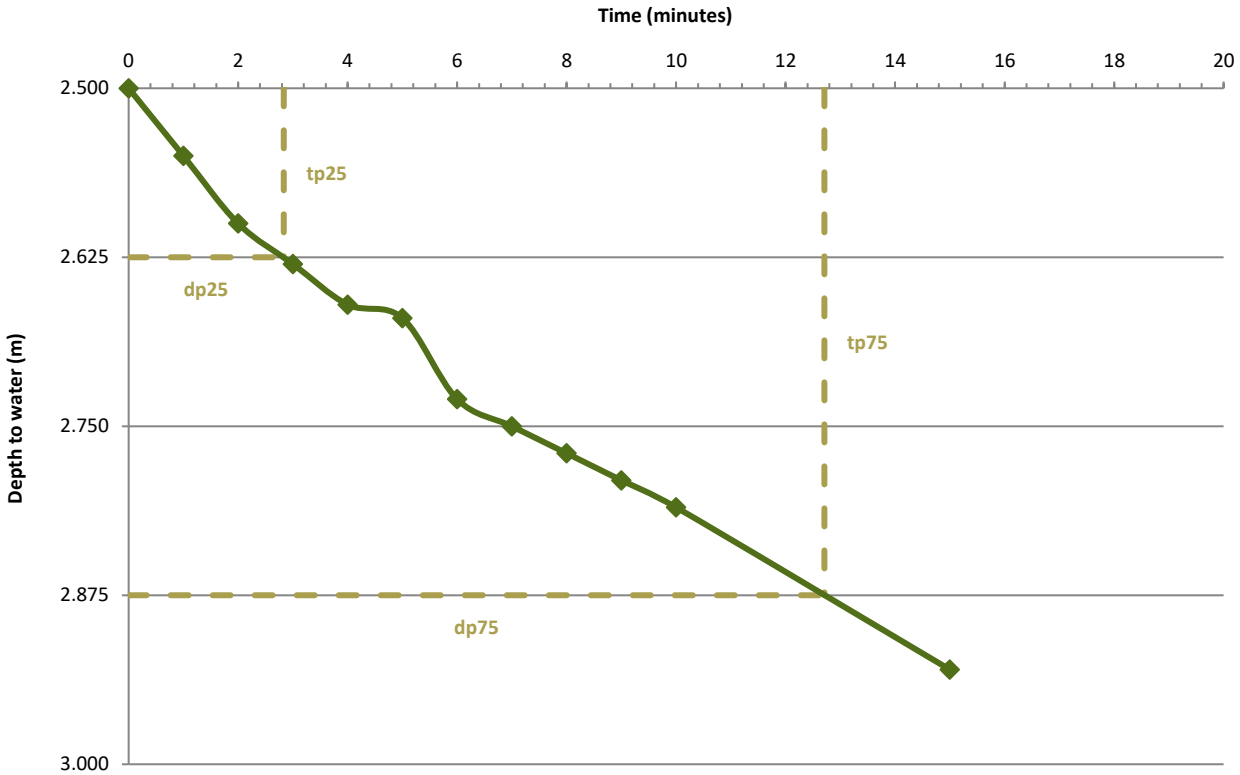
Soil infiltration test (following BRE Digest 365 2016)

Location	Cycle	Test date	Dimensions (m)
TP01	3	21/11/2022	0.70m x 3.80m

Depth at start of test (m)	Groundwater observations (at time of excavation)
2.5	No groundwater encountered.



$$f = \frac{V_{p75-25}}{a_{p50} \times t_{p75-25}}$$

V_{p75-25} Effective storage volume of water between 75% (dp75) and 25% (dp25) effective depth	**0.665**	**m^3**
a_{p50} Internal surface area up to 50% effective depth and including the base	**5**	**m^2**
$t_{p75} - t_{p25}$ Time for the water level to fall from 75% to 25% effective depth	**593**	**s**
f Soil infiltration rate	**2.29E-04**	**m/s**

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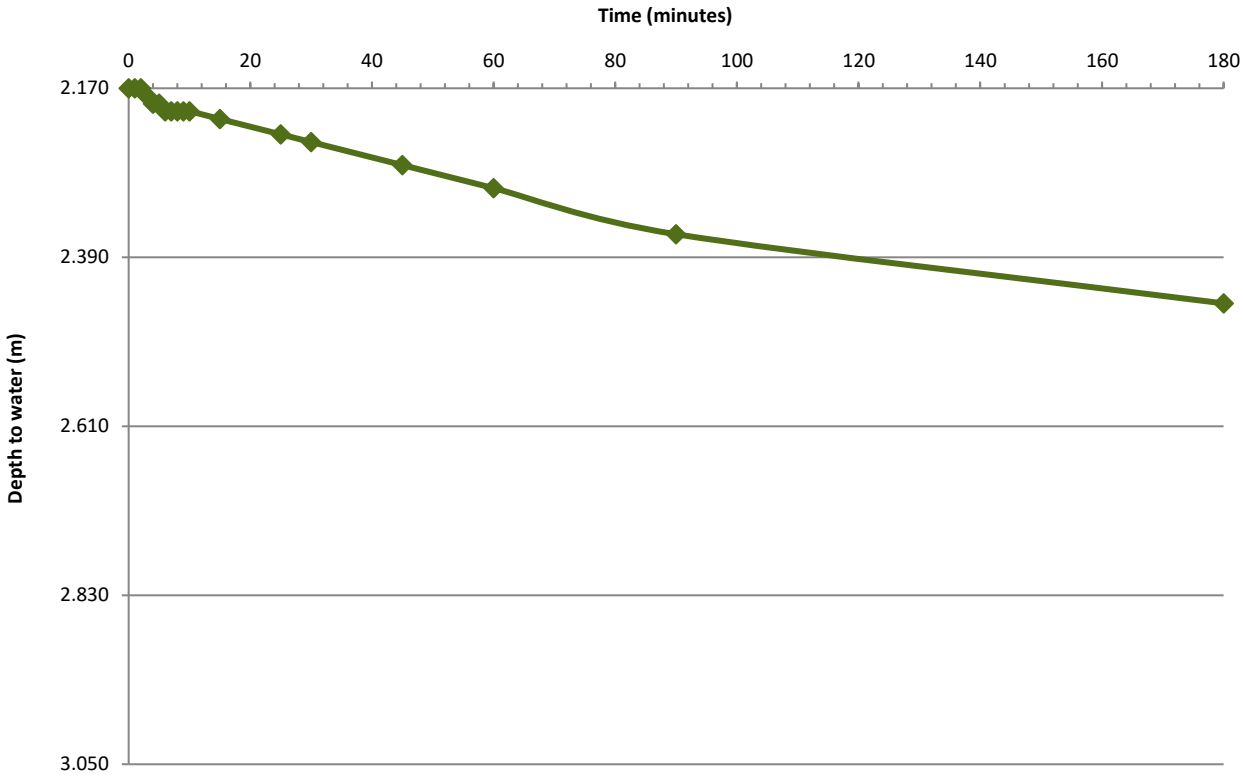
Soil infiltration test (following BRE Digest 365 2016)

Location	Cycle	Test date	Dimensions (m)
TP02	1	21/11/2022	0.75m x 3.15m

Depth at start of test (m)	Groundwater observations (at time of excavation)
2.17	No groundwater encountered.



Insufficient infiltration over 180 minutes of monitoring therefore unable to calculate soil infiltration rate.

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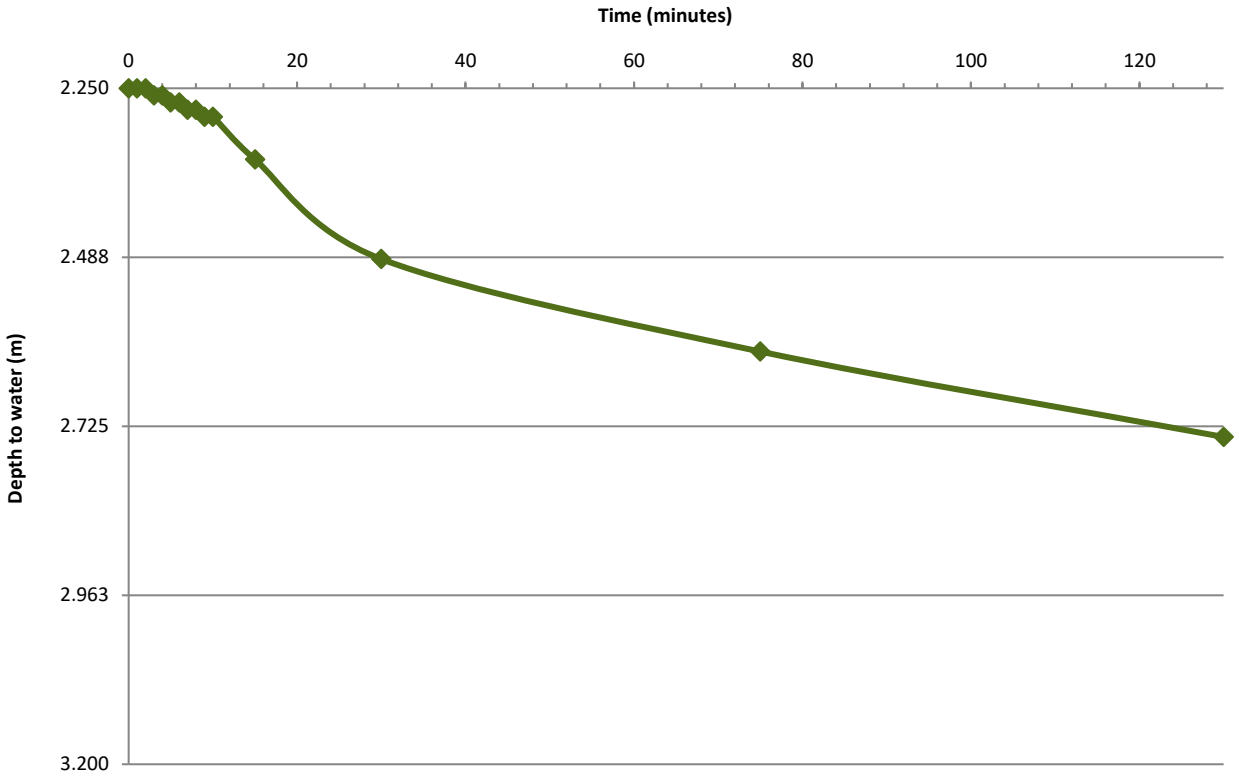
Soil infiltration test (following BRE Digest 365 2016)

Location	Cycle	Test date	Dimensions (m)
TP03	1	21/11/2022	0.75m x 3.10m

Depth at start of test (m)	Groundwater observations (at time of excavation)
2.25	No groundwater encountered.



Insufficient infiltration over 130 minutes of monitoring therefore unable to calculate soil infiltration rate.

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Appendix F Geotechnical Laboratory Test Results

TEST CERTIFICATE

DETERMINATION OF LIQUID AND PLASTIC LIMITS
Tested in Accordance with:BS 1377-2:1990:Clause 4.4 and 5

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

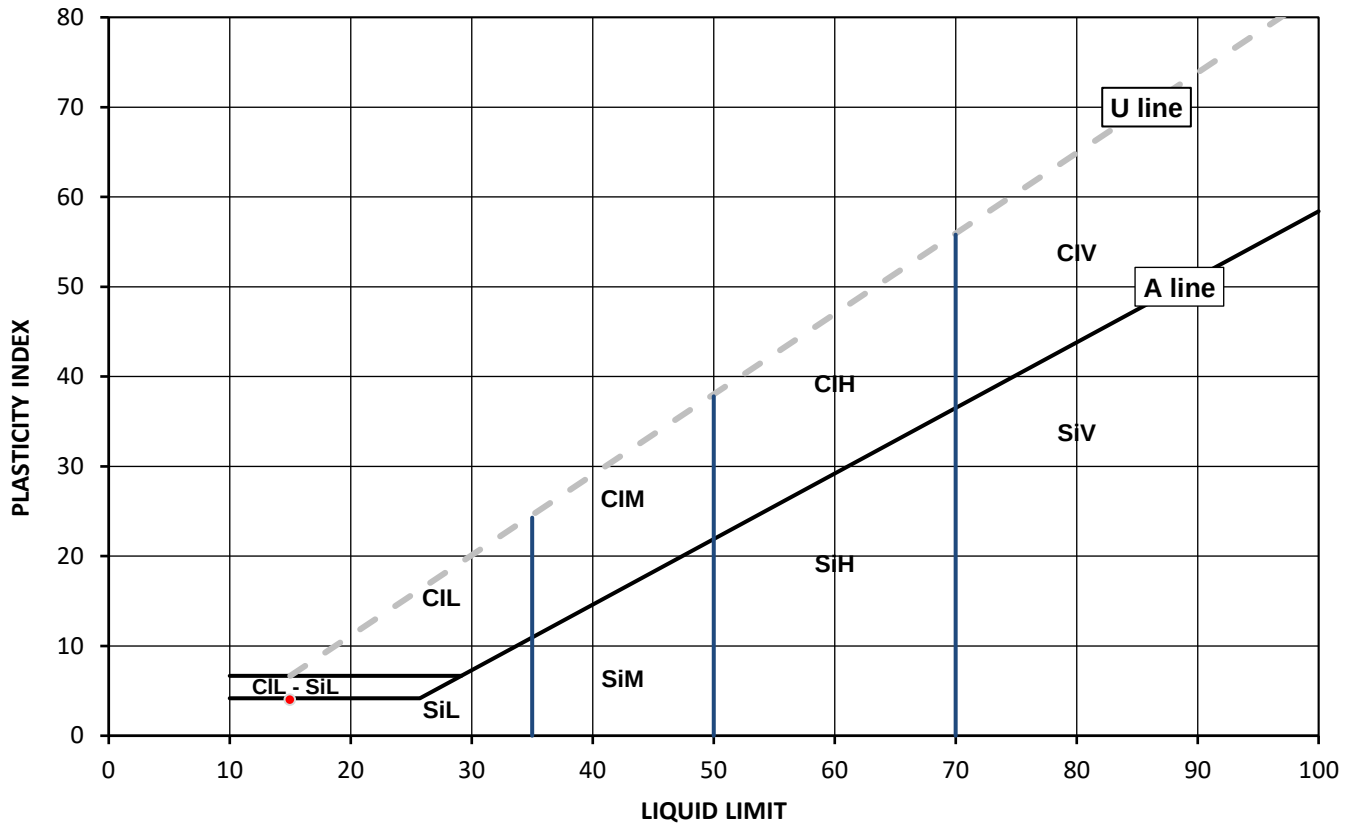
Client:	Soiltechnics Limited	Client Reference:	STU5875
Client Address:	Cedar Barn, White Lodge, Walgrave, Northampton, NN6 9PY	Job Number:	22-11180
		Date Sampled:	22/11/2022
		Date Received:	02/12/2022
Contact:	Admin	Date Tested:	07/12/2022
Site Address:	Lanwades Park, Kentford, Newmarket	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2520578	Depth Top [m]:	0.50
Hole No.:	TP030.502	Depth Base [m]:	Not Given
Sample Reference:	2	Sample Type:	D
Sample Description:	Cream colour slightly gravelly CHALK		
Sample Preparation:	Tested after washing to remove >425um		

As Received Water Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
9.3	15	11	4	86



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS 1377-2: 1990: Clause 3.2

Remarks:

Signed:
Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 23/12/2022

GF 232.12

TEST CERTIFICATE

DETERMINATION OF LIQUID AND PLASTIC LIMITS

Tested in Accordance with:BS 1377-2:1990:Clause 4.4 and 5

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

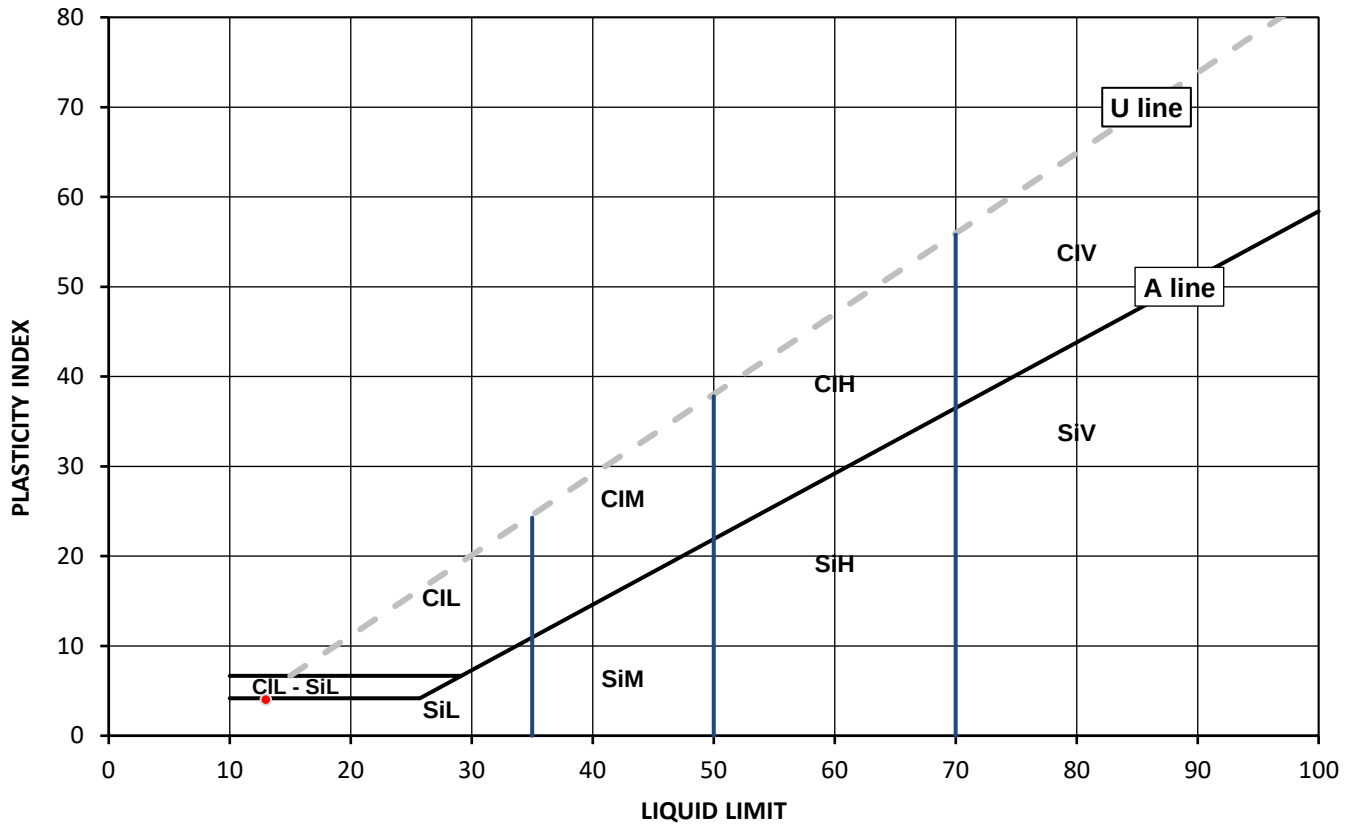
Client:	Soiltechnics Limited	Client Reference:	STU5875
Client Address:	Cedar Barn, White Lodge, Walgrave, Northampton, NN6 9PY	Job Number:	22-11180
		Date Sampled:	23/11/2022
		Date Received:	02/12/2022
Contact:	Admin	Date Tested:	07/12/2022
Site Address:	Lanwades Park, Kentford, Newmarket	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2520579	Depth Top [m]:	1.50
Hole No.:	TP061.503	Depth Base [m]:	Not Given
Sample Reference:	3	Sample Type:	D
Sample Description:	Cream colour slightly gravelly CHALK		
Sample Preparation:	Tested after washing to remove >425um		

As Received Water Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
7.5	13	9	4	81



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS 1377-2: 1990: Clause 3.2

Remarks:

Signed: Monika Siewior

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 23/12/2022

GF 232.12

TEST CERTIFICATE

DETERMINATION OF LIQUID AND PLASTIC LIMITS

Tested in Accordance with:BS 1377-2:1990:Clause 4.4 and 5

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

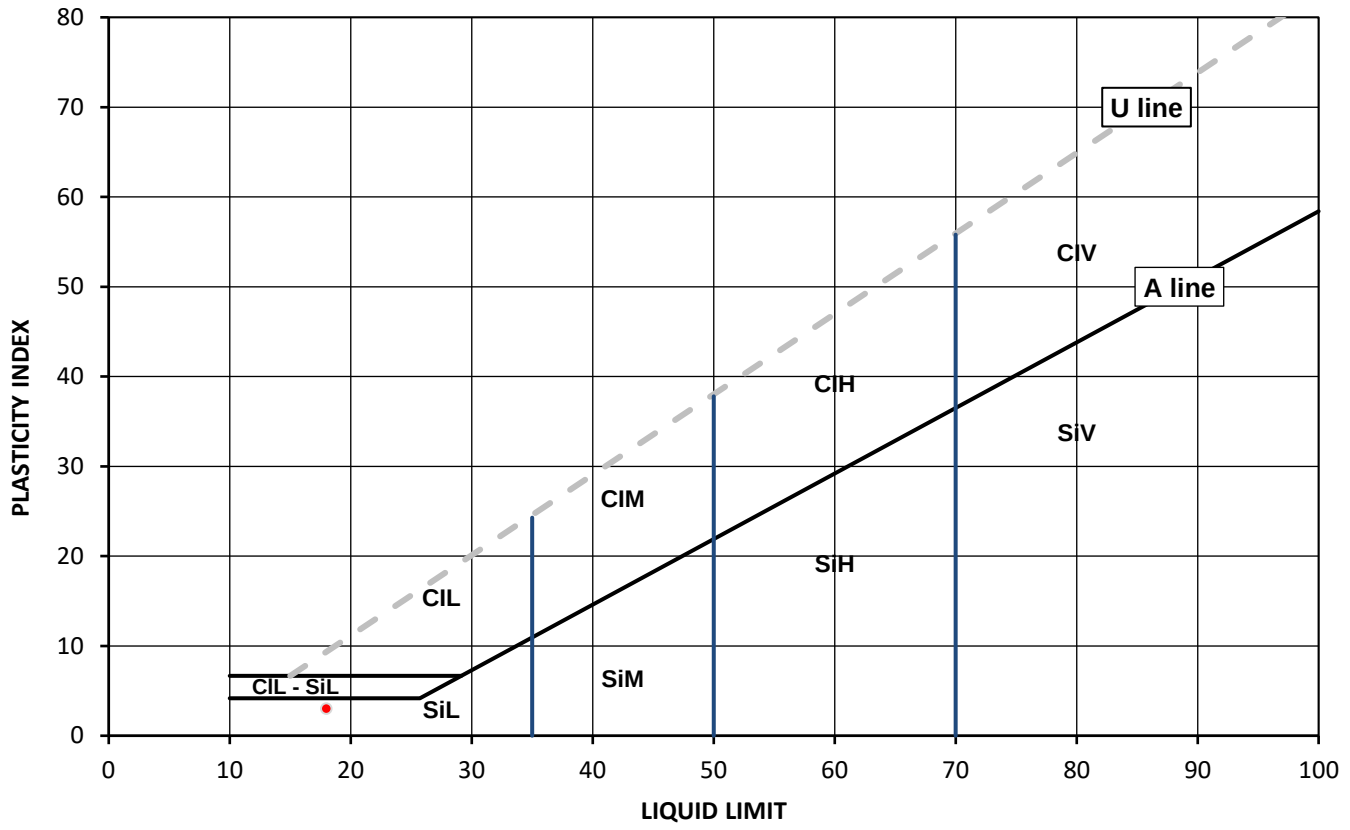
Client:	Soiltechnics Limited	Client Reference:	STU5875
Client Address:	Cedar Barn, White Lodge, Walgrave, Northampton, NN6 9PY	Job Number:	22-11180
		Date Sampled:	24/11/2022
		Date Received:	02/12/2022
Contact:	Admin	Date Tested:	07/12/2022
Site Address:	Lanwades Park, Kentford, Newmarket	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2520583	Depth Top [m]:	0.70
Hole No.:	TP140.702	Depth Base [m]:	Not Given
Sample Reference:	2	Sample Type:	D
Sample Description:	Yellowish brown slightly gravelly slightly clayey SAND		
Sample Preparation:	Tested after >425um removed by hand		

As Received Water Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
9.8	18	15	3	94



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS 1377-2: 1990: Clause 3.2

Remarks:

Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 23/12/2022

GF 232.12

TEST CERTIFICATE

DETERMINATION OF LIQUID AND PLASTIC LIMITS
Tested in Accordance with:BS 1377-2:1990:Clause 4.4 and 5

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

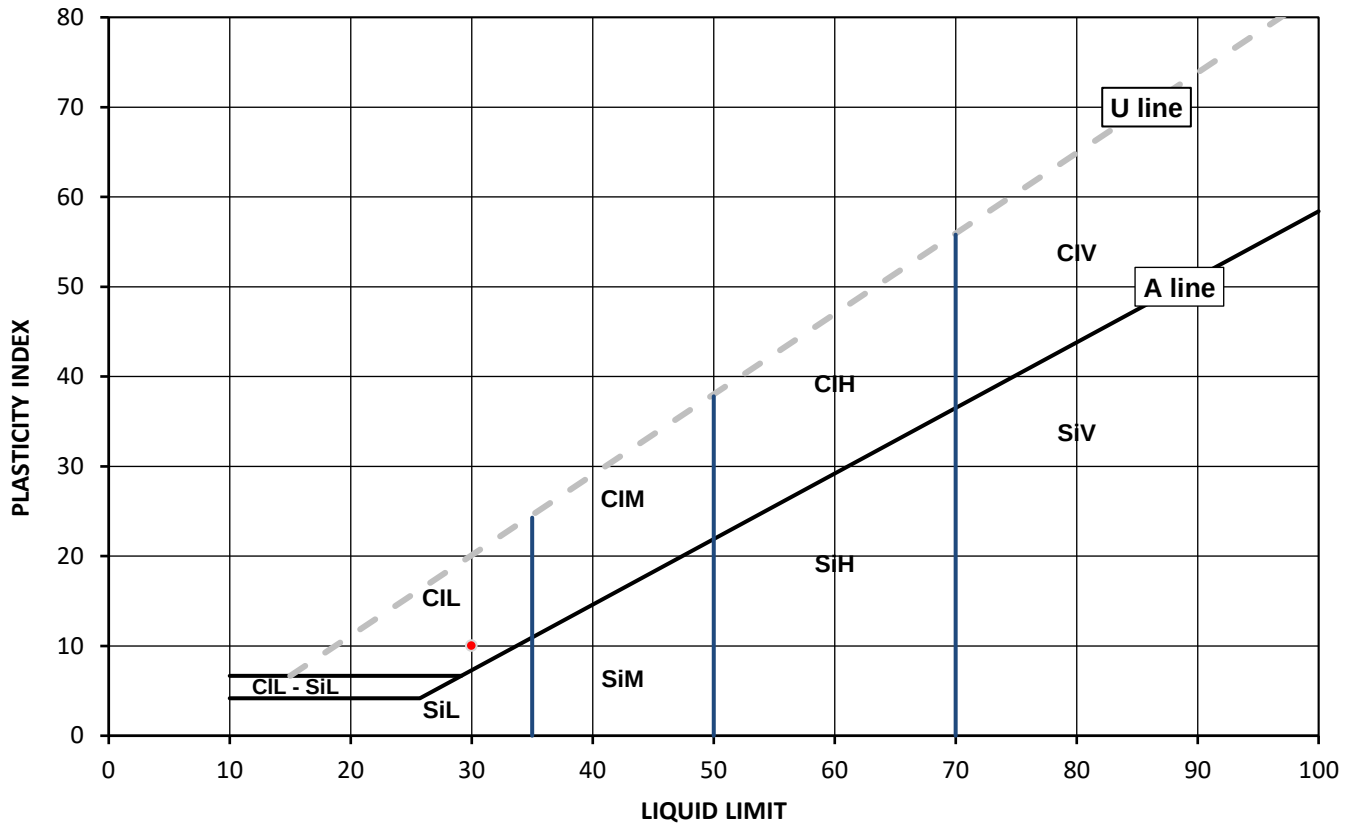
Client:	Soiltechnics Limited	Client Reference:	STU5875
Client Address:	Cedar Barn, White Lodge, Walgrave, Northampton, NN6 9PY	Job Number:	22-11180
		Date Sampled:	24/11/2022
		Date Received:	02/12/2022
Contact:	Admin	Date Tested:	07/12/2022
Site Address:	Lanwades Park, Kentford, Newmarket	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2520584	Depth Top [m]:	1.50
Hole No.:	WS051.503	Depth Base [m]:	Not Given
Sample Reference:	3	Sample Type:	D
Sample Description:	Cream colour slightly gravelly CHALK		
Sample Preparation:	Tested after >425um removed by hand		

As Received Water Content [W] %	Liquid Limit [WL] %	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
24	30	20	10	98



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS 1377-2: 1990: Clause 3.2

Remarks:

Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 23/12/2022

GF 232.12

SUMMARY REPORT

SUMMARY OF CLASSIFICATION TEST RESULTS

Tested in Accordance with:

Water Content by BS 1377-2:1990: Clause 3.2; Atterberg by BS 1377-2: 1990: Clause 4.3 (4 Point Test), Clause 4.4 (1 Point Test) and 5; PD by BS 1377-2: 1990: Clause 8.2

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

Client: Soiltechnics Limited

Client Address: Cedar Barn, White Lodge, Walgrave, Northampton, NN6 9PY

Contact: Admin

Site Address: Lanwades Park, Kentford, Newmarket

Client Reference: STU5875
Job Number: 22-11180
Date Sampled: 22/11 - 24/11/2022
Date Received: 02/12/2022
Date Tested: 07/12/2022
Sampled By: Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	Water Content BS 1377-2 [W]	Water Content BS EN ISO 17892-1 [W]	Atterberg				Density			Total Porosity#		
		Reference	Depth Top	Depth Base	Type					% Passing 425um	WL	Wp	Ip	bulk	dry	PD			
			m	m				%	%	%	%	%	%	Mg/m3	Mg/m3	Mg/m3	%		
2520578	TP030.502	2	0.50	Not Given	D	Cream colour slightly gravelly CHALK	Atterberg 1 Point	9.3		86	15	11	4						
2520579	TP061.503	3	1.50	Not Given	D	Cream colour slightly gravelly CHALK	Atterberg 1 Point	7.5		81	13	9	4						
2520583	TP140.702	2	0.70	Not Given	D	Yellowish brown slightly gravelly slightly clayey SAND	Atterberg 1 Point	9.8		94	18	15	3						
2520584	WS051.503	3	1.50	Not Given	D	Cream colour slightly gravelly CHALK	Atterberg 1 Point	24		98	30	20	10						

Note: # Non accredited; NP - Non plastic

Comments:

Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 23/12/2022

GF 234.14

SUMMARY REPORT

DETERMINATION OF WATER CONTENT

Tested in Accordance with: BS 1377-2: 1990: Clause 3.2

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

Client: Soiltechnics Limited

Client Address: Cedar Barn, White Lodge,
Walgrave, Northampton,
NN6 9PY

Contact: Admin

Site Address: Lanwades Park, Kentford, Newmarket

Client Reference: STU5875
Job Number: 22-11180
Date Sampled: 22/11 - 24/11/2022
Date Received: 02/12/2022
Date Tested: 07/12/2022
Sampled By: Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	WC	Sample preparation / Oven temperature at the time of testing			
		Reference	Depth Top m	Depth Base m	Type			%				
2520578	TP030.502	2	0.50	Not Given	D	Cream colour slightly gravelly CHALK		9.3	Sample was quartered, oven dried at 106 °C			
2520579	TP061.503	3	1.50	Not Given	D	Cream colour slightly gravelly CHALK		7.5	Sample was quartered, oven dried at 106 °C			
2520583	TP140.702	2	0.70	Not Given	D	Yellowish brown slightly gravelly slightly clayey SAND		9.8	Sample was quartered, oven dried at 106 °C			
2520584	WS051.503	3	1.50	Not Given	D	Cream colour slightly gravelly CHALK		24	Sample was quartered, oven dried at 106 °C			

Comments:

Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 23/12/2022

GF 099.16

TEST CERTIFICATE

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Tested in Accordance with: BS 1377-2: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

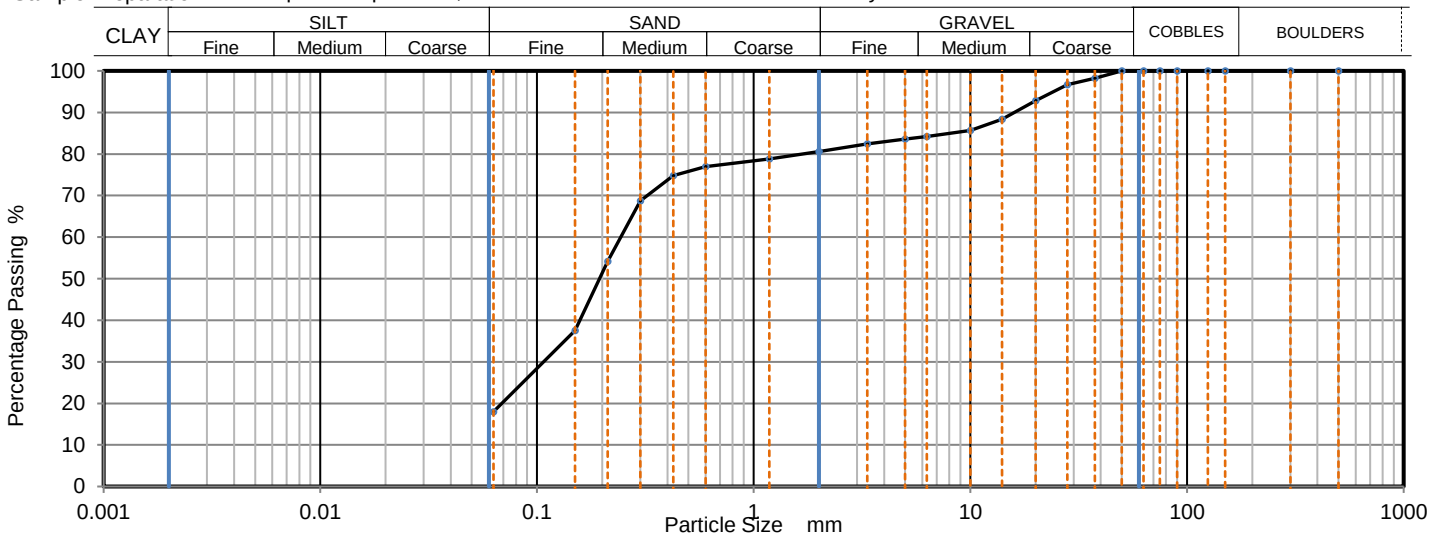
4041

Client:	Soiltechnics Limited	Client Reference:	STU5875
Client Address:	Cedar Barn, White Lodge, Walgrave, Northampton, NN6 9PY	Job Number:	22-11180
		Date Sampled:	22/11/2022
		Date Received:	02/12/2022
Contact:	Admin	Date Tested:	07/12/2022
Site Address:	Lanwades Park, Kentford, Newmarket	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2520677	Depth Top [m]:	0.80
Hole No.:	TP110.802	Depth Base [m]:	Not Given
Sample Reference:	2	Sample Type:	B
Sample Description:	Yellowish brown clayey gravelly SAND		
Sample Preparation:	Sample was quartered, oven dried at 109.0 °C and broken down by hand.		



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
500	100		
300	100		
150	100		
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	98		
28	97		
20	93		
14	88		
10	86		
6.3	84		
5	84		
3.35	82		
2	81		
1.18	79		
0.6	77		
0.425	75		
0.3	69		
0.212	54		
0.15	38		
0.063	19		

Sample Proportions	% dry mass
Very coarse	0
Gravel	19
Sand	62
Fines <0.063mm	18

Grading Analysis		
D100	mm	50
D60	mm	0.244
D30	mm	0.107
D10	mm	
Uniformity Coefficient		> 3.9
Curvature Coefficient		

Uniformity Coefficient calculated in accordance with BS EN ISO 14688-2:2018

Note: Tested in Accordance with BS1377:Part 2:1990, clause 9.2

Remarks:

Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 23/12/2022

GF 100.21

SUMMARY REPORT

METHOD FOR SATURATION MOISTURE CONTENT OF CHALK

Tested in Accordance with: BS 1377-2: 1990: Clause 3.3

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

Client: Soiltechnics Limited

Client Address: Cedar Barn, White Lodge,
Walgrave, Northampton,
NN6 9PY

Contact: Admin

Site Address: Lanwades Park, Kentford, Newmarket

Client Reference: STU5875
Job Number: 22-11180
Date Sampled: 23/11 - 24/11/2022
Date Received: 02/12/2022
Date Tested: 07/12/2022
Sampled By: Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	SMC	Bulk density	Dry density	MC	Preparation
		Reference	Depth Top m	Depth Base m	Type			%	Mg/m3	Mg/m3	%	
2520580	TP072.003	3	2.00	Not Given	D	White CHALK	Supplied lump of chalk fails to comply with volume requirements as per BS1377:2 Clause 3.3.5.1	20	2.03	1.75	16	
2520581	TP112.003	3	2.00	Not Given	D	White CHALK	Supplied lump of chalk fails to comply with volume requirements as per BS1377:2 Clause 3.3.5.1	25	2.00	1.60	25	
2520582	TP123.104	4	3.10	Not Given	D	White CHALK	Supplied lump of chalk fails to comply with volume requirements as per BS1377:2 Clause 3.3.5.1	25	2.00	1.61	25	

Note: SMC - Saturation Moisture Content; MC - Moisture Content

Comments:

Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Date Reported: 23/12/2022

GF 132.14

Admin
Soiltechnics Limited
Cedar Barn
White Lodge
Walgrave
Northampton
NN6 9PY

e: admin@soiltechnics.net

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 22-11182

Project / Site name:	Lanwades Park, Kentford, Newmarket	**Samples received on:**	02/12/2022
Your job number:	STU5875	**Samples instructed on/ Analysis started on:**	02/12/2022
Your order number:	POR014189	**Analysis completed by:**	16/12/2022
Report Issue Number:	1	**Report issued on:**	16/12/2022
Samples Analysed:	5 soil samples		

Signed:

Dominika Warjan
Junior Reporting Specialist
For & on behalf of i2 Analytical Ltd.

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

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

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

soils - 4 weeks from reporting
leachates - 2 weeks from reporting
waters - 2 weeks from reporting
asbestos - 6 months from reporting

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

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

Analytical Report Number: 22-11182
Project / Site name: Lanwades Park, Kentford, Newmarket
Your Order No: POR014189

Lab Sample Number				2520590	2520591	2520592	2520593	2520594
Sample Reference				TP020.601	TP070.301	TP120.802	TP13A0.501	HP030.101
Sample Number				1	1	2	1	1
Depth (m)				0.60	0.70	0.80	0.50	0.10-0.20
Date Sampled				22/11/2022	23/11/2022	24/11/2022	24/11/2022	Deviating
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	22	< 0.1	13	85
Moisture Content	%	0.01	NONE	7.9	12	6.9	9.5	2.3
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.3	8.4	8.5	7.9	9.1
Total Sulphate as SO4	%	0.005	MCERTS	-	0.034	-	0.01	0.016
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0035	0.0031	0.0036	0.0034	0.0044
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	3.5	3.1	3.6	3.4	4.4
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	-	-	-	-	6.3
Total Sulphur	%	0.005	MCERTS	-	0.014	-	0.008	0.011
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	-	-	-	-	< 2.0

Heavy Metals / Metalloids

Magnesium (water soluble)	mg/kg	5	NONE	-	-	-	-	6.6
Magnesium (leachate equivalent)	mg/l	2.5	NONE	-	-	-	-	3.3

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

Analytical Report Number : 22-11182
Project / Site name: Lanwades Park, Kentford, Newmarket

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

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2520590	TP020.601	1	0.6	Brown sand with gravel.
2520591	TP070.301	1	0.7	Brown clay and sand with stones and vegetation.
2520592	TP120.802	2	0.8	Brown sand with gravel and vegetation.
2520593	TP13A0.501	1	0.5	Brown sand with stones and vegetation.
2520594	HP030.101	1	0.10-0.20	Brown gravelly sand with stones and vegetation.

Analytical Report Number : 22-11182
Project / Site name: Lanwades Park, Kentford, Newmarket

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Magnesium, water soluble, in soil	Determination of water soluble magnesium by extraction with water followed by ICP-OES.	In-house method based on TRL 447	L038-PL	D	NONE
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Total Sulphate in soil as %	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
Total Sulphur in soil as %	Determination of total sulphur in soil by extraction with aqua-regia, potassium bromide/bromate followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Water Soluble Nitrate (2:1) as N in soil	Determination of nitrate by reaction with sodium salicylate and colorimetry.	In-house method based on Examination of Water and Wastewatern & Polish Standard Method PN-82/C-04579.08, 2:1 extraction.	L078-PL	W	NONE
Chloride, water soluble, in soil	Determination of Chloride colorimetrically by discrete analyser.	In house method.	L082-PL	D	MCERTS
Sulphate, water soluble, in soil	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).
For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).
For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Sample Deviation Report

Analytical Report Number : 22-11182

Project / Site name: Lanwades Park, Kentford, Newmarket

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis.Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
HP030.101	1	S	2520594	a	None Supplied	None Supplied	None Supplied

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environmental ▪ geotechnical ▪ building fabric

Appendix G Post Fieldwork Monitoring

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Ground gas and groundwater monitoring results

Notes

1) The instrument limit of detection has been adopted where no gas flows or concentrations have been recorded (indicated in grey italics).
2) Atmospheric temperature (*) data sourced from local weather station data.
3) CH4 = methane; CO2 = carbon dioxide; O2 = oxygen; PPM = parts per million CO = carbon monoxide; H2S = hydrogen sulphide.
4) Gas Screening Values (GSVs) are rounded to 3 decimal places.

							Worst case scenario	0.0	0.0	0.0	2.0	2.0	17.1	17.1	0	0	0.00	0.00	0.00	0.00	GREEN	GREEN	ONE	
							Average scenario	0.0	0.0	0.0	1.6	1.6	17.8	17.8	0	0	0.00	0.00	0.00	0.00	GREEN	GREEN	ONE	
Date	Time	Location	Install Reference	Install Response Zone		Atmospheric Pressure (mB)	Atmospheric Temperature (°C) *	Depth to Water (m)	Gas Steady Flow	CH_4 (%v/v)		CO_2 (%v/v)		O_2 (%v/v)		Other Gases (PPM)		GSV (CH_4)		GSV (CO_2)		Indicative NHBC Guideline		Indicative (steady) CIRIA Characteristic Situation	Notes
				Response Zone (mBGL)	Flooded				l/Hr	Peak	Steady	Peak	Steady	Minimum	Average	CO	H_2S	Peak	Steady	Peak	Steady	Peak	Steady		
06/12/2022	14:10	WS03	1		No	1027	5	Dry	0	0.0	0.0	1.2	1.2	18.4	18.4	0	0	0.000	0.000	0.001	0.001	GREEN	GREEN	CS-1	
06/12/2022	14:22	WS05	1		No	1027	5	Dry	0	0.0	0.0	1.6	1.6	18.0	18.0	0	0	0.000	0.000	0.001	0.001	GREEN	GREEN	CS-1	
06/12/2022	13:57	WS07	1	1.00 - 2.00	No	1027	5	1.95	0	0.0	0.0	1.7	1.7	17.1	17.1	0	0	0.000	0.000	0.001	0.001	GREEN	GREEN	CS-1	
06/12/2022	14:32	WS09	1	1.00 - 3.00	No	1027	5	Dry	-0.1	0.0	0.0	2.0	2.0	17.7	17.7	0	0	0.000	0.000	0.002	0.002	GREEN	GREEN	CS-1	

soiltechnics
environmental ▪ geotechnical ▪ building fabric

Appendix H Geoenvironmental Laboratory Test Results

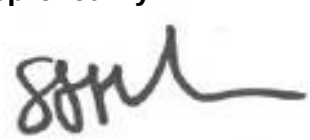
Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

Final Report

Report No.:	22-46482-1
Initial Date of Issue:	22-Dec-2022
Client	Soiltechnics Limited
Client Address:	1st Floor Unit 9 Westpoint Enterprise Park Clarence Avenue Trafford Park Manchester M17 1QS
Contact(s):	Admin
Project	STU875 Lanwades Park, Kentford, Newmarket

Quotation No.:		**Date Received:**	05-Dec-2022
Order No.:	POR014188	**Date Instructed:**	05-Dec-2022
No. of Samples:	26		
Turnaround (Wkdays):	5	**Results Due:**	09-Dec-2022
Date Approved:	22-Dec-2022		

Approved By:



Details: Stuart Henderson, Technical Manager

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited			**Chemtest Job No.:**		22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:			**Chemtest Sample ID.:**		1557534	1557535	1557536	1557537	1557538	1557539	1557540	1557541	1557542
Order No.: POR014188			Client Sample Ref.:		2	1	1	1	3	1	1	1	1
			Client Sample ID.:		HP020.502	HP040.301	HP060.301	HP070.201	HP080.503	TP010.001	TP020.601	TP030.101	TP040.051
			Sample Location:		HP02	HP04	HP06	HP07	HP08	TP01	TP02	TP03	TP04
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.50	0.30	0.30	0.20	0.50	0.00	0.60	0.10	0.05
			Bottom Depth (m):		0.60	0.50	0.50			0.10			
			Date Sampled:		21-Nov-2022	21-Nov-2022	21-Nov-2022	24-Nov-2022	25-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022
			Asbestos Lab:							DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
ACM Type	U	2192		N/A						-	-	-	-
Asbestos Identification	U	2192		N/A						No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture	N	2030	%	0.020	8.5	10	7.4	8.3	8.5				
Soil Colour	N	2040		N/A	Brown	Brown		Brown					
Other Material	N	2040		N/A	Stones and Roots	Stones		Stones and Roots					
Soil Texture	N	2040		N/A	Sand	Sand		Sand					
pH	M	2010		4.0	9.6	8.6		8.3	10.5				
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	< 0.40	< 0.40		0.72	< 0.40				
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010					< 0.010				
Nitrate (Water Soluble)	N	2220	g/l	0.010					< 0.010				
Cyanide (Complex)	M	2300	mg/kg	0.50	0.70	< 0.50		< 0.50	< 0.50				
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50		< 0.50	< 0.50				
Cyanide (Total)	M	2300	mg/kg	0.50	0.80	< 0.50		< 0.50	< 0.50				
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50					2.3				
Arsenic	M	2455	mg/kg	0.5	11	13		51	11				
Beryllium	U	2455	mg/kg	0.5	0.6	0.6		0.6	< 0.5				
Cadmium	M	2455	mg/kg	0.10	0.26	0.14		0.30	0.11				
Chromium	M	2455	mg/kg	0.5	25	19		20	15				
Copper	M	2455	mg/kg	0.50	8.8	9.3		15	7.1				
Mercury	M	2455	mg/kg	0.05	< 0.05	< 0.05		< 0.05	< 0.05				
Nickel	M	2455	mg/kg	0.50	13	16		24	13				
Lead	M	2455	mg/kg	0.50	17	13		31	11				
Selenium	M	2455	mg/kg	0.25	0.55	0.57		0.75	0.41				
Vanadium	U	2455	mg/kg	0.5	45	41		41	31				
Zinc	M	2455	mg/kg	0.50	45	37		66	26				
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50		< 0.50	< 0.50				
Organic Matter	M	2625	%	0.40	0.97	0.50		1.4	< 0.40				
Total TPH >C6-C40	M	2670	mg/kg	10		< 10	< 10	< 10					
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0					< 1.0				
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0					< 1.0				
Aliphatic TPH >C8-C10	N	2680	mg/kg	1.0					< 1.0				
Aliphatic TPH >C10-C12	N	2680	mg/kg	1.0					< 1.0				
Aliphatic TPH >C12-C16	N	2680	mg/kg	1.0					< 1.0				
Aliphatic TPH >C16-C21	N	2680	mg/kg	1.0					< 1.0				

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited			**Chemtest Job No.:**		22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:			**Chemtest Sample ID.:**		1557534	1557535	1557536	1557537	1557538	1557539	1557540	1557541	1557542
Order No.: POR014188			Client Sample Ref.:		2	1	1	1	3	1	1	1	1
			Client Sample ID.:		HP020.502	HP040.301	HP060.301	HP070.201	HP080.503	TP010.001	TP020.601	TP030.101	TP040.051
			Sample Location:		HP02	HP04	HP06	HP07	HP08	TP01	TP02	TP03	TP04
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.50	0.30	0.30	0.20	0.50	0.00	0.60	0.10	0.05
			Bottom Depth (m):		0.60	0.50	0.50			0.10			
			Date Sampled:		21-Nov-2022	21-Nov-2022	21-Nov-2022	24-Nov-2022	25-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022
			Asbestos Lab:							DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
Aliphatic TPH >C21-C35	N	2680	mg/kg	1.0					< 1.0				
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0					< 1.0				
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0					< 5.0				
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0					< 1.0				
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0					< 1.0				
Aromatic TPH >C8-C10	N	2680	mg/kg	1.0					< 1.0				
Aromatic TPH >C10-C12	N	2680	mg/kg	1.0					< 1.0				
Aromatic TPH >C12-C16	N	2680	mg/kg	1.0					< 1.0				
Aromatic TPH >C16-C21	N	2680	mg/kg	1.0					< 1.0				
Aromatic TPH >C21-C35	N	2680	mg/kg	1.0					< 1.0				
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0					< 1.0				
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0					< 5.0				
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0					< 10				
Dichlorodifluoromethane	U	2760	µg/kg	1.0					< 1.0				
Chloromethane	M	2760	µg/kg	1.0					< 1.0				
Vinyl Chloride	M	2760	µg/kg	1.0					< 1.0				
Bromomethane	M	2760	µg/kg	20					< 20				
Chloroethane	U	2760	µg/kg	2.0					< 2.0				
Trichlorofluoromethane	M	2760	µg/kg	1.0					< 1.0				
1,1-Dichloroethene	M	2760	µg/kg	1.0					< 1.0				
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0					< 1.0				
1,1-Dichloroethane	M	2760	µg/kg	1.0					< 1.0				
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0					< 1.0				
Bromochloromethane	U	2760	µg/kg	5.0					< 5.0				
Trichloromethane	M	2760	µg/kg	1.0					< 1.0				
1,1,1-Trichloroethane	M	2760	µg/kg	1.0					< 1.0				
Tetrachloromethane	M	2760	µg/kg	1.0					< 1.0				
1,1-Dichloropropene	U	2760	µg/kg	1.0					< 1.0				
Benzene	M	2760	µg/kg	1.0					< 1.0				
1,2-Dichloroethane	M	2760	µg/kg	2.0					< 2.0				
Trichloroethene	N	2760	µg/kg	1.0					< 1.0				
1,2-Dichloropropane	M	2760	µg/kg	1.0					< 1.0				
Dibromomethane	M	2760	µg/kg	1.0					< 1.0				
Bromodichloromethane	M	2760	µg/kg	5.0					< 5.0				
cis-1,3-Dichloropropene	N	2760	µg/kg	10					< 10				
Toluene	M	2760	µg/kg	1.0					< 1.0				

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited			**Chemtest Job No.:**		22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:			**Chemtest Sample ID.:**		1557534	1557535	1557536	1557537	1557538	1557539	1557540	1557541	1557542
Order No.: POR014188			Client Sample Ref.:		2	1	1	1	3	1	1	1	1
			Client Sample ID.:		HP020.502	HP040.301	HP060.301	HP070.201	HP080.503	TP010.001	TP020.601	TP030.101	TP040.051
			Sample Location:		HP02	HP04	HP06	HP07	HP08	TP01	TP02	TP03	TP04
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.50	0.30	0.30	0.20	0.50	0.00	0.60	0.10	0.05
			Bottom Depth (m):		0.60	0.50	0.50			0.10			
			Date Sampled:		21-Nov-2022	21-Nov-2022	21-Nov-2022	24-Nov-2022	25-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022
			Asbestos Lab:							DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
Trans-1,3-Dichloropropene	N	2760	µg/kg	10					< 10				
1,1,2-Trichloroethane	M	2760	µg/kg	10					< 10				
Tetrachloroethene	M	2760	µg/kg	1.0					< 1.0				
1,3-Dichloropropane	U	2760	µg/kg	2.0					< 2.0				
Dibromochloromethane	U	2760	µg/kg	10					< 10				
1,2-Dibromoethane	M	2760	µg/kg	5.0					< 5.0				
Chlorobenzene	M	2760	µg/kg	1.0					< 1.0				
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0					< 2.0				
Ethylbenzene	M	2760	µg/kg	1.0					< 1.0				
m & p-Xylene	M	2760	µg/kg	1.0					< 1.0				
o-Xylene	M	2760	µg/kg	1.0					< 1.0				
Styrene	M	2760	µg/kg	1.0					< 1.0				
Tribromomethane	U	2760	µg/kg	1.0					< 1.0				
Isopropylbenzene	M	2760	µg/kg	1.0					< 1.0				
Bromobenzene	M	2760	µg/kg	1.0					< 1.0				
1,2,3-Trichloropropane	N	2760	µg/kg	50					< 50				
N-Propylbenzene	U	2760	µg/kg	1.0					< 1.0				
2-Chlorotoluene	M	2760	µg/kg	1.0					< 1.0				
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0					< 1.0				
4-Chlorotoluene	U	2760	µg/kg	1.0					< 1.0				
Tert-Butylbenzene	U	2760	µg/kg	1.0					< 1.0				
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0					< 1.0				
Sec-Butylbenzene	U	2760	µg/kg	1.0					< 1.0				
1,3-Dichlorobenzene	M	2760	µg/kg	1.0					< 1.0				
4-Isopropyltoluene	U	2760	µg/kg	1.0					< 1.0				
1,4-Dichlorobenzene	M	2760	µg/kg	1.0					< 1.0				
N-Butylbenzene	U	2760	µg/kg	1.0					< 1.0				
1,2-Dichlorobenzene	M	2760	µg/kg	1.0					< 1.0				
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50					< 50				
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0					< 1.0				
Hexachlorobutadiene	N	2760	µg/kg	1.0					< 1.0				
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0					< 2.0				
Carbon Disulphide	N	2760	µg/kg	50					< 50				
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0					< 1.0				
N-Nitrosodimethylamine	N	2790	mg/kg	0.050					< 0.050				
Phenol	N	2790	mg/kg	0.050					< 0.050				

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited					**Chemtest Job No.:**	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:					**Chemtest Sample ID.:**	1557534	1557535	1557536	1557537	1557538	1557539	1557540	1557541	1557542
Order No.: POR014188					Client Sample Ref.:	2	1	1	1	3	1	1	1	1
					Client Sample ID.:	HP020.502	HP040.301	HP060.301	HP070.201	HP080.503	TP010.001	TP020.601	TP030.101	TP040.051
					Sample Location:	HP02	HP04	HP06	HP07	HP08	TP01	TP02	TP03	TP04
					Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Top Depth (m):	0.50	0.30	0.30	0.20	0.50	0.00	0.60	0.10	0.05
					Bottom Depth (m):	0.60	0.50	0.50			0.10			
					Date Sampled:	21-Nov-2022	21-Nov-2022	21-Nov-2022	24-Nov-2022	25-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022
					Asbestos Lab:						DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**										
2-Chlorophenol	N	2790	mg/kg	0.050						< 0.050				
Bis-(2-Chloroethyl)Ether	N	2790	mg/kg	0.050						< 0.050				
1,3-Dichlorobenzene	N	2790	mg/kg	0.050						< 0.050				
1,4-Dichlorobenzene	N	2790	mg/kg	0.050						< 0.050				
1,2-Dichlorobenzene	N	2790	mg/kg	0.050						< 0.050				
2-Methylphenol	N	2790	mg/kg	0.050						< 0.050				
Bis(2-Chloroisopropyl)Ether	N	2790	mg/kg	0.050						< 0.050				
Hexachloroethane	N	2790	mg/kg	0.050						< 0.050				
N-Nitrosodi-n-propylamine	N	2790	mg/kg	0.050						< 0.050				
4-Methylphenol	N	2790	mg/kg	0.050						< 0.050				
Nitrobenzene	N	2790	mg/kg	0.050						< 0.050				
Isophorone	N	2790	mg/kg	0.050						< 0.050				
2-Nitrophenol	N	2790	mg/kg	0.050						< 0.050				
2,4-Dimethylphenol	N	2790	mg/kg	0.050						< 0.050				
Bis(2-Chloroethoxy)Methane	N	2790	mg/kg	0.050						< 0.050				
2,4-Dichlorophenol	N	2790	mg/kg	0.050						< 0.050				
1,2,4-Trichlorobenzene	N	2790	mg/kg	0.050						< 0.050				
Naphthalene	N	2790	mg/kg	0.050						< 0.050				
4-Chloroaniline	N	2790	mg/kg	0.050						< 0.050				
Hexachlorobutadiene	N	2790	mg/kg	0.050						< 0.050				
4-Chloro-3-Methylphenol	N	2790	mg/kg	0.050						< 0.050				
2-Methylnaphthalene	N	2790	mg/kg	0.050						< 0.050				
Hexachlorocyclopentadiene	N	2790	mg/kg	0.050						< 0.050				
2,4,6-Trichlorophenol	N	2790	mg/kg	0.050						< 0.050				
2,4,5-Trichlorophenol	N	2790	mg/kg	0.050						< 0.050				
2-Chloronaphthalene	N	2790	mg/kg	0.050						< 0.050				
2-Nitroaniline	N	2790	mg/kg	0.050						< 0.050				
Acenaphthylene	N	2790	mg/kg	0.050						< 0.050				
Dimethylphthalate	N	2790	mg/kg	0.050						< 0.050				
2,6-Dinitrotoluene	N	2790	mg/kg	0.050						< 0.050				
Acenaphthene	N	2790	mg/kg	0.050						< 0.050				
3-Nitroaniline	N	2790	mg/kg	0.050						< 0.050				
Dibenzofuran	N	2790	mg/kg	0.050						< 0.050				
4-Chlorophenylphenylether	N	2790	mg/kg	0.050						< 0.050				
2,4-Dinitrotoluene	N	2790	mg/kg	0.050						< 0.050				
Fluorene	N	2790	mg/kg	0.050						< 0.050				

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited			**Chemtest Job No.:**		22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:			**Chemtest Sample ID.:**		1557534	1557535	1557536	1557537	1557538	1557539	1557540	1557541	1557542
Order No.: POR014188			Client Sample Ref.:		2	1	1	1	3	1	1	1	1
			Client Sample ID.:		HP020.502	HP040.301	HP060.301	HP070.201	HP080.503	TP010.001	TP020.601	TP030.101	TP040.051
			Sample Location:		HP02	HP04	HP06	HP07	HP08	TP01	TP02	TP03	TP04
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.50	0.30	0.30	0.20	0.50	0.00	0.60	0.10	0.05
			Bottom Depth (m):		0.60	0.50	0.50			0.10			
			Date Sampled:		21-Nov-2022	21-Nov-2022	21-Nov-2022	24-Nov-2022	25-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022
			Asbestos Lab:							DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
Diethyl Phthalate	N	2790	mg/kg	0.050					< 0.050				
4-Nitroaniline	N	2790	mg/kg	0.050					< 0.050				
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.050					< 0.050				
Azobenzene	N	2790	mg/kg	0.050					< 0.050				
4-Bromophenylphenyl Ether	N	2790	mg/kg	0.050					< 0.050				
Hexachlorobenzene	N	2790	mg/kg	0.050					< 0.050				
Pentachlorophenol	N	2790	mg/kg	0.050					< 0.050				
Phenanthrene	N	2790	mg/kg	0.050					< 0.050				
Anthracene	N	2790	mg/kg	0.050					< 0.050				
Carbazole	N	2790	mg/kg	0.050					< 0.050				
Di-N-Butyl Phthalate	N	2790	mg/kg	0.050					< 0.050				
Fluoranthene	N	2790	mg/kg	0.050					< 0.050				
Pyrene	N	2790	mg/kg	0.050					< 0.050				
Butylbenzyl Phthalate	N	2790	mg/kg	0.050					< 0.050				
Benzo[a]anthracene	N	2790	mg/kg	0.050					< 0.050				
Chrysene	N	2790	mg/kg	0.050					< 0.050				
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.050					< 0.050				
Di-N-Octyl Phthalate	N	2790	mg/kg	0.050					< 0.050				
Benzo[b]fluoranthene	N	2790	mg/kg	0.050					< 0.050				
Benzo[k]fluoranthene	N	2790	mg/kg	0.050					< 0.050				
Benzo[a]pyrene	N	2790	mg/kg	0.050					< 0.050				
Indeno(1,2,3-c,d)Pyrene	N	2790	mg/kg	0.050					< 0.050				
Dibenz(a,h)Anthracene	N	2790	mg/kg	0.050					< 0.050				
Benzo[g,h,i]perylene	N	2790	mg/kg	0.050					< 0.050				
4-Nitrophenol	N	2790	mg/kg	0.050					< 0.050				
Naphthalene	M	2800	mg/kg	0.10	< 0.10	< 0.10		< 0.10					
Acenaphthylene	N	2800	mg/kg	0.10	< 0.10	< 0.10		< 0.10					
Acenaphthene	M	2800	mg/kg	0.10	< 0.10	< 0.10		< 0.10					
Fluorene	M	2800	mg/kg	0.10	< 0.10	< 0.10		< 0.10					
Phenanthrene	M	2800	mg/kg	0.10	< 0.10	< 0.10		0.19					
Anthracene	M	2800	mg/kg	0.10	< 0.10	< 0.10		< 0.10					
Fluoranthene	M	2800	mg/kg	0.10	0.30	< 0.10		0.22					
Pyrene	M	2800	mg/kg	0.10	0.28	< 0.10		0.28					
Benzo[a]anthracene	M	2800	mg/kg	0.10	< 0.10	< 0.10		< 0.10					
Chrysene	M	2800	mg/kg	0.10	< 0.10	< 0.10		< 0.10					
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10		< 0.10					

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited			**Chemtest Job No.:**		22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:			**Chemtest Sample ID.:**		1557534	1557535	1557536	1557537	1557538	1557539	1557540	1557541	1557542
Order No.: POR014188			Client Sample Ref.:		2	1	1	1	3	1	1	1	1
			Client Sample ID.:		HP020.502	HP040.301	HP060.301	HP070.201	HP080.503	TP010.001	TP020.601	TP030.101	TP040.051
			Sample Location:		HP02	HP04	HP06	HP07	HP08	TP01	TP02	TP03	TP04
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.50	0.30	0.30	0.20	0.50	0.00	0.60	0.10	0.05
			Bottom Depth (m):		0.60	0.50	0.50			0.10			
			Date Sampled:		21-Nov-2022	21-Nov-2022	21-Nov-2022	24-Nov-2022	25-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022
			Asbestos Lab:							DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10		< 0.10					
Benzo[a]pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10		< 0.10					
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10		< 0.10					
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	< 0.10	< 0.10		< 0.10					
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	< 0.10	< 0.10		< 0.10					
Total Of 16 PAH's	N	2800	mg/kg	2.0	< 2.0	< 2.0		< 2.0					
PCB 81	N	2815	mg/kg	0.010			< 0.010						
PCB 77	U	2815	mg/kg	0.010			< 0.010						
PCB 105	N	2815	mg/kg	0.010			< 0.010						
PCB 114	N	2815	mg/kg	0.010			< 0.010						
PCB 118	N	2815	mg/kg	0.010			< 0.010						
PCB 123	N	2815	mg/kg	0.010			< 0.010						
PCB 126	N	2815	mg/kg	0.010			< 0.010						
PCB 156	N	2815	mg/kg	0.010			< 0.010						
PCB 157	N	2815	mg/kg	0.010			< 0.010						
PCB 167	N	2815	mg/kg	0.010			< 0.010						
PCB 169	N	2815	mg/kg	0.010			< 0.010						
PCB 189	N	2815	mg/kg	0.010			< 0.010						
Total PCBs (12 Congeners)	N	2815	mg/kg	0.12			< 0.12						
Total Phenols	M	2920	mg/kg	0.10	< 0.10	< 0.10		< 0.10	< 0.10				
VOC TIC	N	2760	µg/kg	N/A					None Detected				

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited			**Chemtest Job No.:**		22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:			**Chemtest Sample ID.:**		1557543	1557544	1557545	1557546	1557547	1557548	1557549	1557550	1557551
Order No.: POR014188			Client Sample Ref.:		2	2	4	1	1	1	1	1	1
			Client Sample ID.:		TP040.402	TP041.103	TP050.004	TP080.601	TP090.101	TP100.001	TP110.401	TP130.201	TP140.301
			Sample Location:		TP04	TP04	TP05	TP08	TP09	TP10	TP11	TP13	TP14
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.40	1.10	0.00	0.60	0.10	0.00	0.40	0.20	0.30
			Bottom Depth (m):			1.20	0.10			0.10			
			Date Sampled:		22-Nov-2022	22-Nov-2022	22-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022	24-Nov-2022	24-Nov-2022
			Asbestos Lab:				DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
ACM Type	U	2192		N/A			-	-	-	-	-	-	-
Asbestos Identification	U	2192		N/A			No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture	N	2030	%	0.020	13	10							
Soil Colour	N	2040		N/A	Brown								
Other Material	N	2040		N/A	Stones and Roots								
Soil Texture	N	2040		N/A	Sand								
pH	M	2010		4.0	8.3	8.5							
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	0.47	1.1							
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010		0.19							
Nitrate (Water Soluble)	N	2220	g/l	0.010		< 0.010							
Cyanide (Complex)	M	2300	mg/kg	0.50	< 0.50	< 0.50							
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50							
Cyanide (Total)	M	2300	mg/kg	0.50	< 0.50	< 0.50							
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50		5.2							
Arsenic	M	2455	mg/kg	0.5	9.9	13							
Beryllium	U	2455	mg/kg	0.5	< 0.5	0.5							
Cadmium	M	2455	mg/kg	0.10	0.14	0.20							
Chromium	M	2455	mg/kg	0.5	16	21							
Copper	M	2455	mg/kg	0.50	13	25							
Mercury	M	2455	mg/kg	0.05	< 0.05	0.07							
Nickel	M	2455	mg/kg	0.50	12	17							
Lead	M	2455	mg/kg	0.50	24	26							
Selenium	M	2455	mg/kg	0.25	0.53	0.58							
Vanadium	U	2455	mg/kg	0.5	34	45							
Zinc	M	2455	mg/kg	0.50	39	48							
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50							
Organic Matter	M	2625	%	0.40	2.2	0.96							
Total TPH >C6-C40	M	2670	mg/kg	10									
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0		< 1.0							
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0		< 1.0							
Aliphatic TPH >C8-C10	N	2680	mg/kg	1.0		< 1.0							
Aliphatic TPH >C10-C12	N	2680	mg/kg	1.0		< 1.0							
Aliphatic TPH >C12-C16	N	2680	mg/kg	1.0		< 1.0							
Aliphatic TPH >C16-C21	N	2680	mg/kg	1.0		< 1.0							

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited			**Chemtest Job No.:**		22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:			**Chemtest Sample ID.:**		1557543	1557544	1557545	1557546	1557547	1557548	1557549	1557550	1557551
Order No.: POR014188			Client Sample Ref.:		2	2	4	1	1	1	1	1	1
			Client Sample ID.:		TP040.402	TP041.103	TP050.004	TP080.601	TP090.101	TP100.001	TP110.401	TP130.201	TP140.301
			Sample Location:		TP04	TP04	TP05	TP08	TP09	TP10	TP11	TP13	TP14
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.40	1.10	0.00	0.60	0.10	0.00	0.40	0.20	0.30
			Bottom Depth (m):			1.20	0.10			0.10			
			Date Sampled:		22-Nov-2022	22-Nov-2022	22-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022	24-Nov-2022	24-Nov-2022
			Asbestos Lab:				DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
Aliphatic TPH >C21-C35	N	2680	mg/kg	1.0		< 1.0							
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0		< 1.0							
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0		< 5.0							
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0		< 1.0							
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0		< 1.0							
Aromatic TPH >C8-C10	N	2680	mg/kg	1.0		< 1.0							
Aromatic TPH >C10-C12	N	2680	mg/kg	1.0		< 1.0							
Aromatic TPH >C12-C16	N	2680	mg/kg	1.0		< 1.0							
Aromatic TPH >C16-C21	N	2680	mg/kg	1.0		< 1.0							
Aromatic TPH >C21-C35	N	2680	mg/kg	1.0		< 1.0							
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0		< 1.0							
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0		< 5.0							
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0		< 10							
Dichlorodifluoromethane	U	2760	µg/kg	1.0		< 1.0							
Chloromethane	M	2760	µg/kg	1.0		< 1.0							
Vinyl Chloride	M	2760	µg/kg	1.0		< 1.0							
Bromomethane	M	2760	µg/kg	20		< 20							
Chloroethane	U	2760	µg/kg	2.0		< 2.0							
Trichlorofluoromethane	M	2760	µg/kg	1.0		< 1.0							
1,1-Dichloroethene	M	2760	µg/kg	1.0		< 1.0							
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0		< 1.0							
1,1-Dichloroethane	M	2760	µg/kg	1.0		< 1.0							
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0		< 1.0							
Bromochloromethane	U	2760	µg/kg	5.0		< 5.0							
Trichloromethane	M	2760	µg/kg	1.0		< 1.0							
1,1,1-Trichloroethane	M	2760	µg/kg	1.0		< 1.0							
Tetrachloromethane	M	2760	µg/kg	1.0		< 1.0							
1,1-Dichloropropene	U	2760	µg/kg	1.0		< 1.0							
Benzene	M	2760	µg/kg	1.0		< 1.0							
1,2-Dichloroethane	M	2760	µg/kg	2.0		< 2.0							
Trichloroethene	N	2760	µg/kg	1.0		< 1.0							
1,2-Dichloropropane	M	2760	µg/kg	1.0		< 1.0							
Dibromomethane	M	2760	µg/kg	1.0		< 1.0							
Bromodichloromethane	M	2760	µg/kg	5.0		< 5.0							
cis-1,3-Dichloropropene	N	2760	µg/kg	10		< 10							
Toluene	M	2760	µg/kg	1.0		< 1.0							

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited					**Chemtest Job No.:**	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:					**Chemtest Sample ID.:**	1557543	1557544	1557545	1557546	1557547	1557548	1557549	1557550	1557551
Order No.: POR014188					Client Sample Ref.:	2	2	4	1	1	1	1	1	1
					Client Sample ID.:	TP040.402	TP041.103	TP050.004	TP080.601	TP090.101	TP100.001	TP110.401	TP130.201	TP140.301
					Sample Location:	TP04	TP04	TP05	TP08	TP09	TP10	TP11	TP13	TP14
					Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Top Depth (m):	0.40	1.10	0.00	0.60	0.10	0.00	0.40	0.20	0.30
					Bottom Depth (m):		1.20	0.10			0.10			
					Date Sampled:	22-Nov-2022	22-Nov-2022	22-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022	24-Nov-2022	24-Nov-2022
					Asbestos Lab:			DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**										
Trans-1,3-Dichloropropene	N	2760	µg/kg	10		< 10								
1,1,2-Trichloroethane	M	2760	µg/kg	10		< 10								
Tetrachloroethene	M	2760	µg/kg	1.0		< 1.0								
1,3-Dichloropropane	U	2760	µg/kg	2.0		< 2.0								
Dibromochloromethane	U	2760	µg/kg	10		< 10								
1,2-Dibromoethane	M	2760	µg/kg	5.0		< 5.0								
Chlorobenzene	M	2760	µg/kg	1.0		< 1.0								
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0		< 2.0								
Ethylbenzene	M	2760	µg/kg	1.0		< 1.0								
m & p-Xylene	M	2760	µg/kg	1.0		< 1.0								
o-Xylene	M	2760	µg/kg	1.0		< 1.0								
Styrene	M	2760	µg/kg	1.0		< 1.0								
Tribromomethane	U	2760	µg/kg	1.0		< 1.0								
Isopropylbenzene	M	2760	µg/kg	1.0		< 1.0								
Bromobenzene	M	2760	µg/kg	1.0		< 1.0								
1,2,3-Trichloropropane	N	2760	µg/kg	50		< 50								
N-Propylbenzene	U	2760	µg/kg	1.0		< 1.0								
2-Chlorotoluene	M	2760	µg/kg	1.0		< 1.0								
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0		< 1.0								
4-Chlorotoluene	U	2760	µg/kg	1.0		< 1.0								
Tert-Butylbenzene	U	2760	µg/kg	1.0		< 1.0								
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0		< 1.0								
Sec-Butylbenzene	U	2760	µg/kg	1.0		< 1.0								
1,3-Dichlorobenzene	M	2760	µg/kg	1.0		< 1.0								
4-Isopropyltoluene	U	2760	µg/kg	1.0		< 1.0								
1,4-Dichlorobenzene	M	2760	µg/kg	1.0		< 1.0								
N-Butylbenzene	U	2760	µg/kg	1.0		< 1.0								
1,2-Dichlorobenzene	M	2760	µg/kg	1.0		< 1.0								
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50		< 50								
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0		< 1.0								
Hexachlorobutadiene	N	2760	µg/kg	1.0		< 1.0								
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0		< 2.0								
Carbon Disulphide	N	2760	µg/kg	50		< 50								
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0		< 1.0								
N-Nitrosodimethylamine	N	2790	mg/kg	0.050		< 0.050								
Phenol	N	2790	mg/kg	0.050		< 0.050								

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited					**Chemtest Job No.:**	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:					**Chemtest Sample ID.:**	1557543	1557544	1557545	1557546	1557547	1557548	1557549	1557550	1557551
Order No.: POR014188					Client Sample Ref.:	2	2	4	1	1	1	1	1	1
					Client Sample ID.:	TP040.402	TP041.103	TP050.004	TP080.601	TP090.101	TP100.001	TP110.401	TP130.201	TP140.301
					Sample Location:	TP04	TP04	TP05	TP08	TP09	TP10	TP11	TP13	TP14
					Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Top Depth (m):	0.40	1.10	0.00	0.60	0.10	0.00	0.40	0.20	0.30
					Bottom Depth (m):		1.20	0.10			0.10			
					Date Sampled:	22-Nov-2022	22-Nov-2022	22-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022	24-Nov-2022	24-Nov-2022
					Asbestos Lab:			DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**										
2-Chlorophenol	N	2790	mg/kg	0.050		< 0.050								
Bis-(2-Chloroethyl)Ether	N	2790	mg/kg	0.050		< 0.050								
1,3-Dichlorobenzene	N	2790	mg/kg	0.050		< 0.050								
1,4-Dichlorobenzene	N	2790	mg/kg	0.050		< 0.050								
1,2-Dichlorobenzene	N	2790	mg/kg	0.050		< 0.050								
2-Methylphenol	N	2790	mg/kg	0.050		< 0.050								
Bis(2-Chloroisopropyl)Ether	N	2790	mg/kg	0.050		< 0.050								
Hexachloroethane	N	2790	mg/kg	0.050		< 0.050								
N-Nitrosodi-n-propylamine	N	2790	mg/kg	0.050		< 0.050								
4-Methylphenol	N	2790	mg/kg	0.050		< 0.050								
Nitrobenzene	N	2790	mg/kg	0.050		< 0.050								
Isophorone	N	2790	mg/kg	0.050		< 0.050								
2-Nitrophenol	N	2790	mg/kg	0.050		< 0.050								
2,4-Dimethylphenol	N	2790	mg/kg	0.050		< 0.050								
Bis(2-Chloroethoxy)Methane	N	2790	mg/kg	0.050		< 0.050								
2,4-Dichlorophenol	N	2790	mg/kg	0.050		< 0.050								
1,2,4-Trichlorobenzene	N	2790	mg/kg	0.050		< 0.050								
Naphthalene	N	2790	mg/kg	0.050		< 0.050								
4-Chloroaniline	N	2790	mg/kg	0.050		< 0.050								
Hexachlorobutadiene	N	2790	mg/kg	0.050		< 0.050								
4-Chloro-3-Methylphenol	N	2790	mg/kg	0.050		< 0.050								
2-Methylnaphthalene	N	2790	mg/kg	0.050		< 0.050								
Hexachlorocyclopentadiene	N	2790	mg/kg	0.050		< 0.050								
2,4,6-Trichlorophenol	N	2790	mg/kg	0.050		< 0.050								
2,4,5-Trichlorophenol	N	2790	mg/kg	0.050		< 0.050								
2-Chloronaphthalene	N	2790	mg/kg	0.050		< 0.050								
2-Nitroaniline	N	2790	mg/kg	0.050		< 0.050								
Acenaphthylene	N	2790	mg/kg	0.050		< 0.050								
Dimethylphthalate	N	2790	mg/kg	0.050		< 0.050								
2,6-Dinitrotoluene	N	2790	mg/kg	0.050		< 0.050								
Acenaphthene	N	2790	mg/kg	0.050		< 0.050								
3-Nitroaniline	N	2790	mg/kg	0.050		< 0.050								
Dibenzofuran	N	2790	mg/kg	0.050		< 0.050								
4-Chlorophenylphenylether	N	2790	mg/kg	0.050		< 0.050								
2,4-Dinitrotoluene	N	2790	mg/kg	0.050		< 0.050								
Fluorene	N	2790	mg/kg	0.050		< 0.050								

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited					**Chemtest Job No.:**	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:					**Chemtest Sample ID.:**	1557543	1557544	1557545	1557546	1557547	1557548	1557549	1557550	1557551
Order No.: POR014188					Client Sample Ref.:	2	2	4	1	1	1	1	1	1
					Client Sample ID.:	TP040.402	TP041.103	TP050.004	TP080.601	TP090.101	TP100.001	TP110.401	TP130.201	TP140.301
					Sample Location:	TP04	TP04	TP05	TP08	TP09	TP10	TP11	TP13	TP14
					Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Top Depth (m):	0.40	1.10	0.00	0.60	0.10	0.00	0.40	0.20	0.30
					Bottom Depth (m):		1.20	0.10			0.10			
					Date Sampled:	22-Nov-2022	22-Nov-2022	22-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022	24-Nov-2022	24-Nov-2022
					Asbestos Lab:			DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**										
Diethyl Phthalate	N	2790	mg/kg	0.050		< 0.050								
4-Nitroaniline	N	2790	mg/kg	0.050		< 0.050								
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.050		< 0.050								
Azobenzene	N	2790	mg/kg	0.050		< 0.050								
4-Bromophenylphenyl Ether	N	2790	mg/kg	0.050		< 0.050								
Hexachlorobenzene	N	2790	mg/kg	0.050		< 0.050								
Pentachlorophenol	N	2790	mg/kg	0.050		< 0.050								
Phenanthrene	N	2790	mg/kg	0.050		0.18								
Anthracene	N	2790	mg/kg	0.050		< 0.050								
Carbazole	N	2790	mg/kg	0.050		< 0.050								
Di-N-Butyl Phthalate	N	2790	mg/kg	0.050		< 0.050								
Fluoranthene	N	2790	mg/kg	0.050		0.44								
Pyrene	N	2790	mg/kg	0.050		0.39								
Butylbenzyl Phthalate	N	2790	mg/kg	0.050		< 0.050								
Benzo[a]anthracene	N	2790	mg/kg	0.050		0.15								
Chrysene	N	2790	mg/kg	0.050		0.19								
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.050		0.35								
Di-N-Octyl Phthalate	N	2790	mg/kg	0.050		< 0.050								
Benzo[b]fluoranthene	N	2790	mg/kg	0.050		0.20								
Benzo[k]fluoranthene	N	2790	mg/kg	0.050		0.067								
Benzo[a]pyrene	N	2790	mg/kg	0.050		0.18								
Indeno(1,2,3-c,d)Pyrene	N	2790	mg/kg	0.050		0.089								
Dibenz(a,h)Anthracene	N	2790	mg/kg	0.050		< 0.050								
Benzo[g,h,i]perylene	N	2790	mg/kg	0.050		0.11								
4-Nitrophenol	N	2790	mg/kg	0.050		< 0.050								
Naphthalene	M	2800	mg/kg	0.10	< 0.10									
Acenaphthylene	N	2800	mg/kg	0.10	< 0.10									
Acenaphthene	M	2800	mg/kg	0.10	< 0.10									
Fluorene	M	2800	mg/kg	0.10	< 0.10									
Phenanthrene	M	2800	mg/kg	0.10	< 0.10									
Anthracene	M	2800	mg/kg	0.10	< 0.10									
Fluoranthene	M	2800	mg/kg	0.10	< 0.10									
Pyrene	M	2800	mg/kg	0.10	< 0.10									
Benzo[a]anthracene	M	2800	mg/kg	0.10	< 0.10									
Chrysene	M	2800	mg/kg	0.10	< 0.10									
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	< 0.10									

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited			**Chemtest Job No.:**		22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:			**Chemtest Sample ID.:**		1557543	1557544	1557545	1557546	1557547	1557548	1557549	1557550	1557551
Order No.: POR014188			Client Sample Ref.:		2	2	4	1	1	1	1	1	1
			Client Sample ID.:		TP040.402	TP041.103	TP050.004	TP080.601	TP090.101	TP100.001	TP110.401	TP130.201	TP140.301
			Sample Location:		TP04	TP04	TP05	TP08	TP09	TP10	TP11	TP13	TP14
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.40	1.10	0.00	0.60	0.10	0.00	0.40	0.20	0.30
			Bottom Depth (m):			1.20	0.10			0.10			
			Date Sampled:		22-Nov-2022	22-Nov-2022	22-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022	24-Nov-2022	24-Nov-2022
			Asbestos Lab:				DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	< 0.10								
Benzo[a]pyrene	M	2800	mg/kg	0.10	< 0.10								
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	< 0.10								
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	< 0.10								
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	< 0.10								
Total Of 16 PAH's	N	2800	mg/kg	2.0	< 2.0								
PCB 81	N	2815	mg/kg	0.010									
PCB 77	U	2815	mg/kg	0.010									
PCB 105	N	2815	mg/kg	0.010									
PCB 114	N	2815	mg/kg	0.010									
PCB 118	N	2815	mg/kg	0.010									
PCB 123	N	2815	mg/kg	0.010									
PCB 126	N	2815	mg/kg	0.010									
PCB 156	N	2815	mg/kg	0.010									
PCB 157	N	2815	mg/kg	0.010									
PCB 167	N	2815	mg/kg	0.010									
PCB 169	N	2815	mg/kg	0.010									
PCB 189	N	2815	mg/kg	0.010									
Total PCBs (12 Congeners)	N	2815	mg/kg	0.12									
Total Phenols	M	2920	mg/kg	0.10	< 0.10	< 0.10							
VOC TIC	N	2760	µg/kg	N/A		None Detected							

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited				**Chemtest Job No.:**	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:				**Chemtest Sample ID.:**	1557552	1557553	1557554	1557555	1557556	1557557	1557558	1557559
Order No.: POR014188				Client Sample Ref.:	1	1	1	1	1	1	1	1
				Client Sample ID.:	TP150.301	WS010.201	WS030.301	WS060.401	WS070.351	WS080.101	WS090.101	WS110.101
				Sample Location:	TP15	WS01	WS03	WS06	WS07	WS08	WS09	WS11
				Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):	0.30	0.20	0.30	0.40	0.35	0.20	0.10	0.10
				Bottom Depth (m):		0.30	0.40					
				Date Sampled:	24-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022
				Asbestos Lab:	DURHAM							
Determinand	**Accred.**	**SOP**	**Units**	**LOD**								
ACM Type	U	2192		N/A	-							
Asbestos Identification	U	2192		N/A	No Asbestos Detected							
Moisture	N	2030	%	0.020		11	13	10	12	12	15	16
Soil Colour	N	2040		N/A		Brown				Brown	Brown	Brown
Other Material	N	2040		N/A		Stones				Stones and Roots	Stones and Roots	Stones and Roots
Soil Texture	N	2040		N/A		Sand				Sand	Sand	Sand
pH	M	2010		4.0		8.4		8.3	8.2	8.0	7.7	7.2
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40		< 0.40		< 0.40	< 0.40	< 0.40	0.68	< 0.40
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010				< 0.010	< 0.010			
Nitrate (Water Soluble)	N	2220	g/l	0.010				< 0.010	< 0.010			
Cyanide (Complex)	M	2300	mg/kg	0.50		< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Free)	M	2300	mg/kg	0.50		< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	M	2300	mg/kg	0.50		< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50				2.6	2.2			
Arsenic	M	2455	mg/kg	0.5		36		10	14	8.4	12	8.8
Beryllium	U	2455	mg/kg	0.5		0.5		< 0.5	0.5	< 0.5	< 0.5	< 0.5
Cadmium	M	2455	mg/kg	0.10		0.23		0.11	0.12	0.12	0.19	0.14
Chromium	M	2455	mg/kg	0.5		12		16	20	15	19	19
Copper	M	2455	mg/kg	0.50		12		6.5	8.2	5.9	10	8.0
Mercury	M	2455	mg/kg	0.05		< 0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nickel	M	2455	mg/kg	0.50		17		13	16	12	16	10
Lead	M	2455	mg/kg	0.50		31		10	13	9.6	21	19
Selenium	M	2455	mg/kg	0.25		0.59		0.47	0.60	0.45	0.64	0.46
Vanadium	U	2455	mg/kg	0.5		28		31	38	27	30	39
Zinc	M	2455	mg/kg	0.50		50		27	37	31	49	37
Chromium (Hexavalent)	N	2490	mg/kg	0.50		< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	M	2625	%	0.40		0.89		2.9	0.80	0.67	1.5	2.6
Total TPH >C6-C40	M	2670	mg/kg	10			< 10					
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0				< 1.0	< 1.0			
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0				< 1.0	< 1.0			
Aliphatic TPH >C8-C10	N	2680	mg/kg	1.0				< 1.0	< 1.0			
Aliphatic TPH >C10-C12	N	2680	mg/kg	1.0				< 1.0	< 1.0			
Aliphatic TPH >C12-C16	N	2680	mg/kg	1.0				< 1.0	< 1.0			
Aliphatic TPH >C16-C21	N	2680	mg/kg	1.0				< 1.0	< 1.0			

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited			**Chemtest Job No.:**		22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:			**Chemtest Sample ID.:**		1557552	1557553	1557554	1557555	1557556	1557557	1557558	1557559
Order No.: POR014188			Client Sample Ref.:		1	1	1	1	1	1	1	1
			Client Sample ID.:		TP150.301	WS010.201	WS030.301	WS060.401	WS070.351	WS080.101	WS090.101	WS110.101
			Sample Location:		TP15	WS01	WS03	WS06	WS07	WS08	WS09	WS11
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.30	0.20	0.30	0.40	0.35	0.20	0.10	0.10
			Bottom Depth (m):			0.30	0.40					
			Date Sampled:		24-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022
			Asbestos Lab:		DURHAM							
Determinand	**Accred.**	**SOP**	**Units**	**LOD**								
Aliphatic TPH >C21-C35	N	2680	mg/kg	1.0				< 1.0	< 1.0			
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0				< 1.0	< 1.0			
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0				< 5.0	< 5.0			
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0				< 1.0	< 1.0			
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0				< 1.0	< 1.0			
Aromatic TPH >C8-C10	N	2680	mg/kg	1.0				< 1.0	< 1.0			
Aromatic TPH >C10-C12	N	2680	mg/kg	1.0				< 1.0	< 1.0			
Aromatic TPH >C12-C16	N	2680	mg/kg	1.0				< 1.0	< 1.0			
Aromatic TPH >C16-C21	N	2680	mg/kg	1.0				< 1.0	< 1.0			
Aromatic TPH >C21-C35	N	2680	mg/kg	1.0				< 1.0	< 1.0			
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0				< 1.0	< 1.0			
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0				< 5.0	< 5.0			
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0				< 10	< 10			
Dichlorodifluoromethane	U	2760	µg/kg	1.0				< 1.0	< 1.0			
Chloromethane	M	2760	µg/kg	1.0				< 1.0	< 1.0			
Vinyl Chloride	M	2760	µg/kg	1.0				< 1.0	< 1.0			
Bromomethane	M	2760	µg/kg	20				< 20	< 20			
Chloroethane	U	2760	µg/kg	2.0				< 2.0	< 2.0			
Trichlorofluoromethane	M	2760	µg/kg	1.0				< 1.0	< 1.0			
1,1-Dichloroethene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
1,1-Dichloroethane	M	2760	µg/kg	1.0				< 1.0	< 1.0			
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
Bromochloromethane	U	2760	µg/kg	5.0				< 5.0	< 5.0			
Trichloromethane	M	2760	µg/kg	1.0				< 1.0	< 1.0			
1,1,1-Trichloroethane	M	2760	µg/kg	1.0				< 1.0	< 1.0			
Tetrachloromethane	M	2760	µg/kg	1.0				< 1.0	< 1.0			
1,1-Dichloropropene	U	2760	µg/kg	1.0				< 1.0	< 1.0			
Benzene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
1,2-Dichloroethane	M	2760	µg/kg	2.0				< 2.0	< 2.0			
Trichloroethene	N	2760	µg/kg	1.0				< 1.0	< 1.0			
1,2-Dichloropropane	M	2760	µg/kg	1.0				< 1.0	< 1.0			
Dibromomethane	M	2760	µg/kg	1.0				< 1.0	< 1.0			
Bromodichloromethane	M	2760	µg/kg	5.0				< 5.0	< 5.0			
cis-1,3-Dichloropropene	N	2760	µg/kg	10				< 10	< 10			
Toluene	M	2760	µg/kg	1.0				< 1.0	< 1.0			

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited			**Chemtest Job No.:**		22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:			**Chemtest Sample ID.:**		1557552	1557553	1557554	1557555	1557556	1557557	1557558	1557559
Order No.: POR014188			Client Sample Ref.:		1	1	1	1	1	1	1	1
			Client Sample ID.:		TP150.301	WS010.201	WS030.301	WS060.401	WS070.351	WS080.101	WS090.101	WS110.101
			Sample Location:		TP15	WS01	WS03	WS06	WS07	WS08	WS09	WS11
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.30	0.20	0.30	0.40	0.35	0.20	0.10	0.10
			Bottom Depth (m):			0.30	0.40					
			Date Sampled:		24-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022
			Asbestos Lab:		DURHAM							
Determinand	**Accred.**	**SOP**	**Units**	**LOD**								
Trans-1,3-Dichloropropene	N	2760	µg/kg	10				< 10	< 10			
1,1,2-Trichloroethane	M	2760	µg/kg	10				< 10	< 10			
Tetrachloroethene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
1,3-Dichloropropane	U	2760	µg/kg	2.0				< 2.0	< 2.0			
Dibromochloromethane	U	2760	µg/kg	10				< 10	< 10			
1,2-Dibromoethane	M	2760	µg/kg	5.0				< 5.0	< 5.0			
Chlorobenzene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0				< 2.0	< 2.0			
Ethylbenzene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
m & p-Xylene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
o-Xylene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
Styrene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
Tribromomethane	U	2760	µg/kg	1.0				< 1.0	< 1.0			
Isopropylbenzene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
Bromobenzene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
1,2,3-Trichloropropane	N	2760	µg/kg	50				< 50	< 50			
N-Propylbenzene	U	2760	µg/kg	1.0				< 1.0	< 1.0			
2-Chlorotoluene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
4-Chlorotoluene	U	2760	µg/kg	1.0				< 1.0	< 1.0			
Tert-Butylbenzene	U	2760	µg/kg	1.0				< 1.0	< 1.0			
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
Sec-Butylbenzene	U	2760	µg/kg	1.0				< 1.0	< 1.0			
1,3-Dichlorobenzene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
4-Isopropyltoluene	U	2760	µg/kg	1.0				< 1.0	< 1.0			
1,4-Dichlorobenzene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
N-Butylbenzene	U	2760	µg/kg	1.0				< 1.0	< 1.0			
1,2-Dichlorobenzene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50				< 50	< 50			
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0				< 1.0	< 1.0			
Hexachlorobutadiene	N	2760	µg/kg	1.0				< 1.0	< 1.0			
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0				< 2.0	< 2.0			
Carbon Disulphide	N	2760	µg/kg	50				< 50	< 50			
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0				< 1.0	< 1.0			
N-Nitrosodimethylamine	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Phenol	N	2790	mg/kg	0.050				< 0.050	< 0.050			

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited			**Chemtest Job No.:**		22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:			**Chemtest Sample ID.:**		1557552	1557553	1557554	1557555	1557556	1557557	1557558	1557559
Order No.: POR014188			Client Sample Ref.:		1	1	1	1	1	1	1	1
			Client Sample ID.:		TP150.301	WS010.201	WS030.301	WS060.401	WS070.351	WS080.101	WS090.101	WS110.101
			Sample Location:		TP15	WS01	WS03	WS06	WS07	WS08	WS09	WS11
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.30	0.20	0.30	0.40	0.35	0.20	0.10	0.10
			Bottom Depth (m):			0.30	0.40					
			Date Sampled:		24-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022
			Asbestos Lab:		DURHAM							
Determinand	**Accred.**	**SOP**	**Units**	**LOD**								
2-Chlorophenol	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Bis-(2-Chloroethyl)Ether	N	2790	mg/kg	0.050				< 0.050	< 0.050			
1,3-Dichlorobenzene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
1,4-Dichlorobenzene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
1,2-Dichlorobenzene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
2-Methylphenol	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Bis(2-Chloroisopropyl)Ether	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Hexachloroethane	N	2790	mg/kg	0.050				< 0.050	< 0.050			
N-Nitrosodi-n-propylamine	N	2790	mg/kg	0.050				< 0.050	< 0.050			
4-Methylphenol	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Nitrobenzene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Isophorone	N	2790	mg/kg	0.050				< 0.050	< 0.050			
2-Nitrophenol	N	2790	mg/kg	0.050				< 0.050	< 0.050			
2,4-Dimethylphenol	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Bis(2-Chloroethoxy)Methane	N	2790	mg/kg	0.050				< 0.050	< 0.050			
2,4-Dichlorophenol	N	2790	mg/kg	0.050				< 0.050	< 0.050			
1,2,4-Trichlorobenzene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Naphthalene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
4-Chloroaniline	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Hexachlorobutadiene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
4-Chloro-3-Methylphenol	N	2790	mg/kg	0.050				< 0.050	< 0.050			
2-Methylnaphthalene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Hexachlorocyclopentadiene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
2,4,6-Trichlorophenol	N	2790	mg/kg	0.050				< 0.050	< 0.050			
2,4,5-Trichlorophenol	N	2790	mg/kg	0.050				< 0.050	< 0.050			
2-Chloronaphthalene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
2-Nitroaniline	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Acenaphthylene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Dimethylphthalate	N	2790	mg/kg	0.050				< 0.050	< 0.050			
2,6-Dinitrotoluene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Acenaphthene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
3-Nitroaniline	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Dibenzofuran	N	2790	mg/kg	0.050				< 0.050	< 0.050			
4-Chlorophenylphenylether	N	2790	mg/kg	0.050				< 0.050	< 0.050			
2,4-Dinitrotoluene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Fluorene	N	2790	mg/kg	0.050				< 0.050	< 0.050			

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited			**Chemtest Job No.:**		22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:			**Chemtest Sample ID.:**		1557552	1557553	1557554	1557555	1557556	1557557	1557558	1557559
Order No.: POR014188			Client Sample Ref.:		1	1	1	1	1	1	1	1
			Client Sample ID.:		TP150.301	WS010.201	WS030.301	WS060.401	WS070.351	WS080.101	WS090.101	WS110.101
			Sample Location:		TP15	WS01	WS03	WS06	WS07	WS08	WS09	WS11
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.30	0.20	0.30	0.40	0.35	0.20	0.10	0.10
			Bottom Depth (m):			0.30	0.40					
			Date Sampled:		24-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022
			Asbestos Lab:		DURHAM							
Determinand	**Accred.**	**SOP**	**Units**	**LOD**								
Diethyl Phthalate	N	2790	mg/kg	0.050				< 0.050	< 0.050			
4-Nitroaniline	N	2790	mg/kg	0.050				< 0.050	< 0.050			
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Azobenzene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
4-Bromophenylphenyl Ether	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Hexachlorobenzene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Pentachlorophenol	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Phenanthrene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Anthracene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Carbazole	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Di-N-Butyl Phthalate	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Fluoranthene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Pyrene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Butylbenzyl Phthalate	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Benzo[a]anthracene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Chrysene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Di-N-Octyl Phthalate	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Benzo[b]fluoranthene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Benzo[k]fluoranthene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Benzo[a]pyrene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Indeno(1,2,3-c,d)Pyrene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Dibenz(a,h)Anthracene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Benzo[g,h,i]perylene	N	2790	mg/kg	0.050				< 0.050	< 0.050			
4-Nitrophenol	N	2790	mg/kg	0.050				< 0.050	< 0.050			
Naphthalene	M	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10
Acenaphthylene	N	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10
Acenaphthene	M	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10
Fluorene	M	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10
Phenanthrene	M	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10
Anthracene	M	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10
Fluoranthene	M	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10
Pyrene	M	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10
Benzo[a]anthracene	M	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10
Chrysene	M	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	M	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10

Results - Soil

Project: STU875 Lanwades Park, Kentford, Newmarket

Client: Soiltechnics Limited			**Chemtest Job No.:**		22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482	22-46482
Quotation No.:			**Chemtest Sample ID.:**		1557552	1557553	1557554	1557555	1557556	1557557	1557558	1557559
Order No.: POR014188			Client Sample Ref.:		1	1	1	1	1	1	1	1
			Client Sample ID.:		TP150.301	WS010.201	WS030.301	WS060.401	WS070.351	WS080.101	WS090.101	WS110.101
			Sample Location:		TP15	WS01	WS03	WS06	WS07	WS08	WS09	WS11
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.30	0.20	0.30	0.40	0.35	0.20	0.10	0.10
			Bottom Depth (m):			0.30	0.40					
			Date Sampled:		24-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	22-Nov-2022	23-Nov-2022	23-Nov-2022	23-Nov-2022
			Asbestos Lab:		DURHAM							
Determinand	**Accred.**	**SOP**	**Units**	**LOD**								
Benzo[k]fluoranthene	M	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	M	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10		< 0.10				< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	2800	mg/kg	2.0		< 2.0				< 2.0	< 2.0	< 2.0
PCB 81	N	2815	mg/kg	0.010								
PCB 77	U	2815	mg/kg	0.010								
PCB 105	N	2815	mg/kg	0.010								
PCB 114	N	2815	mg/kg	0.010								
PCB 118	N	2815	mg/kg	0.010								
PCB 123	N	2815	mg/kg	0.010								
PCB 126	N	2815	mg/kg	0.010								
PCB 156	N	2815	mg/kg	0.010								
PCB 157	N	2815	mg/kg	0.010								
PCB 167	N	2815	mg/kg	0.010								
PCB 169	N	2815	mg/kg	0.010								
PCB 189	N	2815	mg/kg	0.010								
Total PCBs (12 Congeners)	N	2815	mg/kg	0.12								
Total Phenols	M	2920	mg/kg	0.10		< 0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
VOC TIC	N	2760	µg/kg	N/A				None Detected	None Detected			

Test Methods

SOP	Title	Parameters included	Method summary
2010	pH Value of Soils	pH	pH Meter
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2220	Water soluble Chloride in Soils	Chloride	Aqueous extraction and measuremernt by 'Aquakem 600' Discrete Analyser using ferric nitrate / mercuric thiocyanate.
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Allkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N–dimethyl-p-phenylenediamine.
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS

Test Methods

SOP	Title	Parameters included	Method summary
2810	Polychlorinated Biphenyls (PCB) as Aroclors in Soils by GC-ECD	Polychlorinated Biphenyls expressed as an Aroclor (normally reported as *Aroclor 1242)	Extraction of a soil sample, as received, into hexane/acetone (50:50) followed by gas chromatography (GC) using mass spectrometric (MS) detection for identification of polychlorinated biphenyls and electron capture detection (ECD) for quanitation if present.
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied
B - Sample age exceeds stability time (sampling to extraction)
C - Sample not received in appropriate containers
D - Broken Container
E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

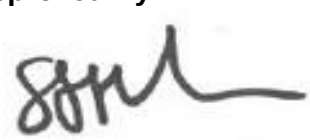
eurofins | Chemtest
Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

Final Report

Report No.:	22-46484-1
Initial Date of Issue:	14-Dec-2022
Client	Soiltechnics Limited
Client Address:	1st Floor Unit 9 Westpoint Enterprise Park Clarence Avenue Trafford Park Manchester M17 1QS
Contact(s):	Admin
Project	STU5875 Lanwades Park, Kentford, Newmarket

Quotation No.:		**Date Received:**	05-Dec-2022
Order No.:	POR014188	**Date Instructed:**	05-Dec-2022
No. of Samples:	1		
Turnaround (Wkdays):	7	**Results Due:**	13-Dec-2022
Date Approved:	14-Dec-2022		

Approved By:



Details: Stuart Henderson, Technical Manager