

Appendix D

Exploratory Logs

Project
Tesco Letchworth
Client
Tesco

Project No.
30213868
Easting (OS mE)
523235.92

Ground Level (mAOD)
80.79
Northing (OS mN)
232868.81

Start Date
26/02/2024
End Date
28/02/2024

Scale
1:50
Sheet 1 of 4

PROGRESS	SAMPLES	TESTS AND MEASUREMENTS	STRATA	Stake	Depth (Thick)	Level	Install/Backfill
Date / Time Casing / DTW (Remarks)	Type - Depth (m)	Type - Depth (m) - Result	Recovery Details	Description	Legend		
2024/02/26 10:01 - / -	(ES 9) 0.20-0.40			CONCRETE		(0.20)	
	(D 2) 0.50-0.70	PID 0.50m <1ppm		MADE GROUND: Light brown gravelly SAND. Gravel is angular to subrounded fine to coarse of flint, limestone and various igneous lithologies with occasional cobbles of brick.		0.20 (0.26)	80.59 80.33
	(D 3) 1.00-1.20	PID 1.00m <1ppm		MADE GROUND: Recovered as light cream and brown very gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse flint and very weak to weak chalk.		0.46	
	(SPTLS 1) 1.20-1.65	SPT(S) 1.20m N=43 (8,13/13,13,9,8) Depth casing:1.20m				(0.99)	
	(D 4) 1.50-1.70	PID 1.50m <1ppm		Structureless CHALK composed of silty angular to subangular fine to coarse GRAVEL of extremely weak to weak low density black speckled chalk. (Dm)		1.45	79.34
	(D 5) 2.00-2.20	PID 2.00m <1ppm		[HOLYWELL NODULAR CHALK FORMATION]			
	(D 6) 2.50-2.70	PID 2.50m <1ppm					
	(SPTLS 7) 2.70-3.15 (SPTLS 8) 2.70-3.15	SPT(S) 2.70m N=25 (4,6/6,6,5,8) Depth casing:2.70m					
	(D 13) 3.00-3.20	PID 3.00m <1ppm					
	(D 14) 3.50-3.70	PID 3.50m <1ppm					
	(D 15) 4.00-4.20	PID 4.00m <1ppm					
	(SPTLS 10) 4.20-4.65	SPT(S) 4.20m N=38 (4,11/13,8,9,8) Depth casing:4.20m					
	(D 16) 4.50-4.70	PID 4.50m <1ppm					
	(D 17) 5.00-5.20	PID 5.00m <1ppm					
		PID 5.50m <1ppm				(7.55)	
	(SPTLS 11) 5.70-6.15	SPT(S) 5.70m N=20 (4,4/4,5,5,6) Depth casing:5.70m					
	(D 19) 6.00-6.20	PID 6.00m <1ppm					
	(D 20) 6.50-6.70	PID 6.50m <1ppm		Orange straining silty sandy infill 6.3-6.7m bgl			
	(D 21) 7.00-7.20 (SPTLS 12) 7.00-7.45	PID 7.00m <1ppm SPT(S) 7.00m N=23 (4,4/4,6,6,7) Depth casing:7.00m					
	(D 22) 7.50-7.70	PID 7.50m <1ppm					
	(D 23) 8.00-8.20	PID 8.00m <1ppm					
	(D 24) 8.50-8.70	PID 8.50m <1ppm		NO RECOVERY Weak medium density light cream CHALK Fractures are close (50,100,130), not infilled, horizontal to vertical, smooth and undulating, tight, light cream with black speckling and yellowish orange staining noted on fracture surface. Thin interwoven and wispy marls present.		9.00	71.79
2024/02/26 17:24 - / - 2024/02/27 09:51 - / 7.22			TCR 0 SCR 0 RQD 0			(0.93)	
	(C 26) 10.00-10.20	PID 10.00m <1ppm		[HOLYWELL NODULAR CHALK FORMATION]		9.93	70.86

DRILLING TECHNIQUE			HOLE / CASING DIAMETER				WATER OBSERVATIONS						NO FLUSH UNDERTAKEN				WATER ADDED: OTHER		
From	To	Type	Hole Dia.	Depth	Casing Dia.	Depth	Date/Time	Strike	Rest	Mins	Casing	Sealed	From	To	Rtn%	Type	From	To	Litres
0.00	30.00	Rotary Core	300 146	1.20 30.00	150	30.00	28/02/2024 14:40	18.96											

MONITORING INSTRUMENTS			INSTRUMENT SCREEN DESIGN				REMARKS												
Name	Type	m AGL	Name	From	To	Dia.													
BH101	Standpipe	-	BH101	15.00	30.00	50	Target depth achieved												

Unless otherwise stated:
Depth (m bgl), Diameter (mm), From/To (m bgl),
Level (m AOD/ASD), Thickness (m), Time (hhmm),
Height Above Ground Level (m AGL)

Equipment Used
Camacchio MC305

Termination Depth
30.00m

Logged By
AC

Checked By
NM

Project
Tesco Letchworth
Client
Tesco

Project No.
30213868
Easting (OS mE)
523235.92

Ground Level (mAOD)
80.79
Northing (OS mN)
232868.81

Start Date
26/02/2024
End Date
28/02/2024

Scale
1:50
Sheet 2 of 4

PROGRESS	SAMPLES	TESTS AND MEASUREMENTS			STRATA		Stake	Depth (Thick)	Level	Install/Backfill
Date / Time Casing / DTW (Remarks)	Type - Depth (m)	Type - Depth (m) - Result	Recovery Details		Description	Legend				
(D 27) 10.00-10.20 (C 28) 10.03-10.16					Weak medium density light cream CHALK Fractures are close (50,100,130), not infilled, horizontal to vertical, smooth and undulating, tight, light cream with black speckling and yellowish orange staining noted on fracture surface. Thin interwoven and wispy marls present.					
(SPTLS 28) 10.50-10.95	PID 10.50m <1ppm SPT(S) 10.50m N=50 (4.5/14, 15, 15.6) Depth casing: 10.50m									
(D 30) 11.00-11.20	PID 11.00m <1ppm		TCR 100 SCR 20 RQD 20		[HOLYWELL NODULAR CHALK FORMATION]					
	PID 11.50m <1ppm									
(C 29) 11.82-12.00										
(D 31) 12.00-12.20 (C 35) 12.18-12.40	PID 12.00m <1ppm									
	PID 12.50m <1ppm		TCR 100 SCR 85 RQD 61							
(D 32) 13.00-13.20	PID 13.00m <1ppm									
	PID 13.50m <1ppm									
(D 33) 14.00-14.20	PID 14.00m <1ppm									
	PID 14.50m <1ppm		TCR 100 SCR 56 RQD 35							
(C 36) 14.68-14.98										
(D 34) 15.00-15.20	PID 15.00m <1ppm									
	PID 15.50m <1ppm		TCR 100 SCR 69 RQD 59							
(C 37) 15.68-15.91										
(D 38) 16.00-16.20	PID 16.00m <1ppm									
	PID 16.50m <1ppm									
(C 40) 16.59-16.76										
(D 39) 17.00-17.20	PID 17.00m <1ppm									
	PID 17.50m <1ppm		TCR 100 SCR 68 RQD 55							
(D 41) 18.00-18.20	PID 18.00m <1ppm									
(ES 60) 18.30-18.50	PID 18.50m <1ppm									
	PID 18.50m <1ppm		TCR 97 SCR 53 RQD 47							
(D 42) 19.00-19.20	PID 19.00m <1ppm									
	PID 19.50m <1ppm									
(D 44) 20.00-20.20	PID 20.00m <1ppm									

DRILLING TECHNIQUE			HOLE / CASING DIAMETER				WATER OBSERVATIONS						NO FLUSH UNDERTAKEN				WATER ADDED: OTHER		
From	To	Type	Hole Dia.	Depth	Casing Dia.	Depth	Date/Time	Strike	Rest	Mins	Casing	Sealed	From	To	Rtn%	Type	From	To	Litres
0.00	30.00	Rotary Core	300 146	1.20 30.00	150	30.00	28/02/2024 14:40	18.96											

MONITORING INSTRUMENTS			INSTRUMENT SCREEN DESIGN				REMARKS												
Name	Type	m AGL	Name	From	To	Dia.													
BH101	Standpipe	-	BH101	15.00	30.00	50	Target depth achieved												

Unless otherwise stated:
Depth (m bgl), Diameter (mm), From/To (m bgl),
Level (m AOD/ASD), Thickness (m), Time (hhmm),
Height Above Ground Level (m AGL)

Equipment Used
Camacchio MC305

Termination Depth
30.00m

Logged By
AC

Checked By
NM

Project
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Project No.
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80.79
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Start Date
26/02/2024
End Date
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Scale
1:50
Sheet 3 of 4

PROGRESS	SAMPLES	TESTS AND MEASUREMENTS		STRATA		Strike	Depth (Thick)	Level	Install/ Backfill
Date / Time Casing / DTW (Remarks)	Type - Depth (m)	Type - Depth (m) - Result	Recovery Details	Description	Legend				
2024/02/27 17:07 - 2024/02/28 07:57 - 19.00	(C 43) 20.80-21.00	PID 20.50m <1ppm	TCR 100 SCR 75 RQD 55	Weak medium density light cream CHALK Fractures are close (50,100,130), not infilled, horizontal to vertical, smooth and undulating, tight, light cream with black speckling and yellowish orange staining noted on fracture surface. Thin interwoven and wispy marls present.					
	(D 45) 21.40-21.60	PID 21.50m <1ppm	TCR 87 SCR 70 RQD 39	HOLYWELL NODULAR CHALK FORMATION Nodular chalk up to 22mm diameter nodules present within core. Thin interwoven marls with white intraclasts 20.1-20.8m bgl			21.00 (0.19) 21.19	59.79 59.60	
	(C 46) 22.18-22.44	PID 22.00m <1ppm		NO RECOVERY Weak medium density light cream CHALK Fractures are close (50,100,130), not infilled, horizontal to vertical, smooth and undulating, tight, light cream with black speckling and yellowish orange staining noted on fracture surface. Thin interwoven and wispy marls present.					
	(D 47) 22.60-22.80	PID 22.50m <1ppm							
	(D 48) 23.00-23.20	PID 23.00m <1ppm	TCR 100 SCR 61 RQD 32	HOLYWELL NODULAR CHALK FORMATION Light orangey grey creamy white nodular chalk. Very thin to thin interwoven, wispy marls with white intraclasts 21.8-22.1m bgl					
	(C 49) 23.72-23.87	PID 23.50m <1ppm							
	(D 50) 24.00-24.20	PID 24.00m <1ppm							
	(C 52) 24.35-24.50								
	(D 51) 25.00-25.20	PID 25.00m <1ppm	TCR 97 SCR 73 RQD 64						
		PID 25.50m <1ppm							
2024/02/28 17:14 30.00 / 18.96	(D 53) 26.00-26.20	PID 26.00m <1ppm	TCR 100 SCR 69 RQD 18				(8.81)		
		PID 26.50m <1ppm							
	(C 54) 26.81-26.95								
	(D 56) 27.30-27.50	PID 27.50m <1ppm	TCR 92 SCR 54 RQD 37						
	(C 55) 27.70-27.85								
	(D 57) 28.00-28.20	PID 28.00m <1ppm							
	(C 59) 29.00-29.26	PID 29.00m <1ppm	TCR 92 SCR 63 RQD 28						
	(D 58) 29.50-29.70	PID 29.50m <1ppm							
							30.00	50.79	

DRILLING TECHNIQUE			HOLE / CASING DIAMETER				WATER OBSERVATIONS						NO FLUSH UNDERTAKEN				WATER ADDED: OTHER		
From	To	Type	Hole Dia.	Depth	Casing Dia.	Depth	Date/Time	Strike	Rest	Mins	Casing	Sealed	From	To	Rtn%	Type	From	To	Litres
0.00	30.00	Rotary Core	300 146	1.20 30.00	150	30.00	28/02/2024 14:40	18.96											

MONITORING INSTRUMENTS			INSTRUMENT SCREEN DESIGN				REMARKS												
Name	Type	m AGL	Name	From	To	Dia.													
BH101	Standpipe	-	BH101	15.00	30.00	50	Target depth achieved												

Unless otherwise stated:
Depth (m bgl), Diameter (mm), From/To (m bgl),
Level (m AOD/ASD), Thickness (m), Time (hhmm),
Height Above Ground Level (m AGL)

Equipment Used
Camacchio MC305

Termination Depth
30.00m

Logged By
AC

Checked By
NM

Project
Tesco Letchworth
Client
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Project No.
30213868
Easting (OS mE)
523235.92

Ground Level (mAOD)
80.79
Northing (OS mN)
232868.81

Start Date
26/02/2024
End Date
28/02/2024

Scale
1:50

Sheet 4 of 4

PROGRESS	SAMPLES	TESTS AND MEASUREMENTS		STRATA					
Date / Time Casing / DTW (Remarks)	Type - Depth (m)	Type - Depth (m) - Result	Recovery Details	Description	Legend	Strike S	Depth (Thick)	Level	Install/ Backfill
2024/02/29 11:28 - / -									

Drilling Technique			Hole / Casing Diameter				Water Observations							No Flush Undertaken				Water Added: Other		
From	To	Type	Hole Dia.	Depth	Casing Dia.	Depth	Date/Time	Strike	Rest	Mins	Casing	Sealed	From	To	Rtn%	Type	From	To	Litres	
0.00	30.00	Rotary Core	300 146	1.20 30.00	150	30.00	28/02/2024 14:40	18.96												

MONITORING INSTRUMENTS			INSTRUMENT SCREEN DESIGN				REMARKS
Name	Type	m AGL	Name	From	To	Dia.	
BH101	Standpipe	-	BH101	15.00	30.00	50	Target depth achieved

Unless otherwise stated:
Depth (m bgl), Diameter (mm), From/To (m bgl),
Level (m AOD/ASD), Thickness (m), Time (hhmm),
Height Above Ground Level (m AGL)

Equipment Used

Camacchio MC305

Termination Depth
30.00m

Logged By	Checked By
AC	NM

Project
Tesco Letchworth
Client
Tesco

Project No.
30213868
Easting (OS mE)
523332.74

Ground Level (mAOD)
81.14
Northing (OS mN)
232994.01

Start Date
08/03/2024
End Date
12/03/2024

Scale
1:50
Sheet 1 of 3

PROGRESS	SAMPLES	TESTS AND MEASUREMENTS		STRATA		Strike	Depth (Thick)	Level	Install/Backfill
Date / Time Casing / DTW (Remarks)	Type - Depth (m)	Type - Depth (m) - Result	Recovery Details	Description	Legend				
2024/03/08 08:33 - / -	(ES 2) 0.20-0.40	PID 0.50m <1ppm		MADE GROUND: BITUMINOUS SURFACING MADE GROUND: Light orangey brown gravelly cobbly SAND. Gravel is angular to subrounded fine to coarse of flint, limestone, brick, concrete and various igneous lithologies with frequent cobbles of red brick.			0.10	81.04	
		PID 1.00m <1ppm		MADE GROUND: Recovered as light cream and brown very gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse flint, and very weak to weak chalk. Rare fragments of brick and concrete			(0.52)	80.52	
	(SPTLS 1) 1.20-1.65	SPT(S) 1.20m N=9 (2,2/2,3,2,2) Depth casing:1.20m		NO RECOVERY			(0.58)	79.94	
			TCR 0 SCR 0 RQD 0				(1.30)		
	(SPTLS 3) 2.50-2.95	PID 2.50m <1ppm SPT(S) 2.50m N=11 (3,2/3,3,3,2) Depth casing:2.50m		Possible concrete noted by Driller 2.3-2.5m bgl			2.50	78.64	
		PID 3.00m <1ppm		Structureless CHALK composed of silty angular to subangular fine to coarse GRAVEL of extremely weak to weak low density black speckled chalk. (Dm) [HOLYWELL NODULAR CHALK FORMATION			(1.50)		
		PID 3.50m <1ppm		Becomes orangey brown silty gravelly SAND. Gravel is angular to subrounded fine to medium of chalk and flint. Sand is medium to coarse 2.5-3.05m bgl					
		SPT(C) 4.00m N=9 (1,2/1,1,2,5) Depth casing:4.00m		NO RECOVERY			4.00	77.14	
			TCR 0 SCR 0 RQD 0				(1.50)		
		SPT(C) 5.50m N=20 (2,3/4,5,5,6) Depth casing:5.50m		NO RECOVERY			5.50	75.64	
			TCR 13 SCR 0 RQD 0				(1.30)		
		PID 6.50m <1ppm					6.80	74.34	
2024/03/08 14:04 - / -		PID 7.00m <1ppm SPT(C) 7.00m N=50 (10,12/8,10,12,20) Depth casing:7.00m		Structureless CHALK composed of silty angular to subangular fine to coarse GRAVEL of extremely weak to weak low density black speckled chalk. (Dm) [HOLYWELL NODULAR CHALK FORMATION					
		PID 7.50m <1ppm							
	(ES 4) 8.00-8.20	PID 8.00m <1ppm							
		PID 8.50m <1ppm SPT(C) 8.50m N=50 (10,12/8,10,12,20) Depth casing:8.50m					(3.70)		
		PID 9.00m <1ppm							
		PID 9.50m <1ppm							

DRILLING TECHNIQUE			HOLE / CASING DIAMETER				WATER OBSERVATIONS						NO FLUSH UNDERTAKEN				WATER ADDED: OTHER		
From	To	Type	Hole Dia.	Depth	Casing Dia.	Depth	Date/Time	Strike	Rest	Mins	Casing	Sealed	From	To	Rtn%	Type	From	To	Litres
0.00	28.00	Rotary Core	300 146	1.20 28.00	150	28.00													

MONITORING INSTRUMENTS			INSTRUMENT SCREEN DESIGN				REMARKS												
Name	Type	m AGL	Name	From	To	Dia.													
BH102	Standpipe	0.000	BH102	19.00	27.00	50	Target depth achieved.												

Unless otherwise stated:
Depth (m bgl), Diameter (mm), From/To (m bgl),
Level (m AOD/ASD), Thickness (m), Time (hhmm),
Height Above Ground Level (m AGL)

Equipment Used
Camacchio MC305

Termination Depth
28.00m

Logged By
AC

Checked By
NM

Project
Tesco Letchworth
Client
Tesco

Project No.
30213868
Easting (OS mE)
523332.74

Ground Level (mAOD)
81.14
Northing (OS mN)
232994.01

Start Date
08/03/2024
End Date
12/03/2024

Scale
1:50
Sheet 2 of 3

PROGRESS	SAMPLES	TESTS AND MEASUREMENTS		STRATA		Strike	Depth (Thick)	Level	Install/Backfill
Date / Time Casing / DTW (Remarks)	Type - Depth (m)	Type - Depth (m) - Result	Recovery Details	Description	Legend				
2024/03/11 17:02 - / - 2024/03/12 09:23 - / 13.20		SPT(C) 10.00m N>50 (5,10/20,30 for 50mm) Depth casing:10.00m		Structureless CHALK composed of silty angular to subangular fine to coarse GRAVEL of extremely weak to weak low density black speckled chalk. (Dm) [HOLYWELL NODULAR CHALK FORMATION			10.50	70.64	
	PID 10.50m	<1ppm	TCR 87 SCR 60 RQD 17	Weak medium density light cream CHALK Fractures are close (50,100,130), not infilled, horizontal to vertical, smooth and undulating, tight, light cream with black speckling and yellowish orange staining noted on fracture surface. Thin interwoven and wispy marls present.					
	PID 11.00m	<1ppm							
	PID 11.50m	<1ppm							
	PID 12.00m	<1ppm	TCR 93 SCR 54 RQD 7	[HOLYWELL NODULAR CHALK FORMATION					
	PID 12.50m	<1ppm							
	PID 13.50m	<1ppm	TCR 67 SCR 41 RQD 0						
	PID 14.00m	<1ppm							
	PID 15.00m	<1ppm	TCR 67 SCR 15 RQD 0				(17.50)		
	PID 15.50m	<1ppm							
	PID 16.00m	<1ppm							
	PID 16.50m	<1ppm	TCR 100 SCR 83 RQD 11						
	PID 17.00m	<1ppm							
	PID 18.00m	<1ppm	TCR 87 SCR 55 RQD 33						
	PID 18.50m	<1ppm							
	PID 19.00m	<1ppm							
	PID 19.50m	<1ppm	TCR 100 SCR 73 RQD 31	Nodular chalk up to 36mm diameter nodules 19.35-20.23m bgl					
	PID 20.00m	<1ppm							

DRILLING TECHNIQUE			HOLE / CASING DIAMETER				WATER OBSERVATIONS						NO FLUSH UNDERTAKEN				WATER ADDED: OTHER		
From	To	Type	Hole Dia.	Depth	Casing Dia.	Depth	Date/Time	Strike	Rest	Mins	Casing	Sealed	From	To	Rtn%	Type	From	To	Litres
0.00	28.00	Rotary Core	300 146	1.20 28.00	150	28.00													

MONITORING INSTRUMENTS			INSTRUMENT SCREEN DESIGN				REMARKS												
Name	Type	m AGL	Name	From	To	Dia.													
BH102	Standpipe	0.000	BH102	19.00	27.00	50	Target depth achieved.												

Unless otherwise stated:
Depth (m bgl), Diameter (mm), From/To (m bgl),
Level (m AOD/ASD), Thickness (m), Time (hhmm),
Height Above Ground Level (m AGL)

Equipment Used
Camacchio MC305

Termination Depth
28.00m

Logged By
AC

Checked By
NM

Project

Tesco Letchworth

Client

Tesco

Project No.

30213868

Easting (OS mE)

523332.74

Ground Level (mAOD)

81.14

Northing (OS mN)

232994.01

Start Date

08/03/2024

End Date

12/03/2024

Scale

1:50

Sheet 3 of 3

PROGRESS	SAMPLES	TESTS AND MEASUREMENTS					STRATA								Strike	Depth (Thick)	Level	Install/ Backfill						
Date / Time Casing / DTW (Remarks)	Type - Depth (m)	Type - Depth (m) - Result			Recovery Details		Description					Legend												
2024/03/12 16:58 - / 23.40 2024/03/12 17:00 - / 13.90								Weak medium density light cream CHALK Fractures are close (50,100,130), not infilled, horizontal to vertical, smooth and undulating, tight, light cream with black speckling and yellowish orange staining noted on fracture surface. Thin interwoven and wispy marls present.																
				PID	21.00m	<1ppm		[HOLYWELL NODULAR CHALK FORMATION]																
				PID	21.50m	<1ppm							TCR 67 SCR 35 RQD 13											
				PID	22.50m	<1ppm							TCR 83 SCR 71 RQD 53											
				PID	23.00m	<1ppm																		
				PID	24.00m	<1ppm							TCR 50 SCR 6 RQD 0											
				PID	25.00m	<1ppm																		
				PID	25.50m	<1ppm							TCR 100 SCR 83 RQD 52											
				PID	26.00m	<1ppm																		
				PID	26.50m	<1ppm																		
				PID	27.00m	<1ppm							TCR 93 SCR 61 RQD 21											
				PID	27.50m	<1ppm																		
																				28.00	53.14			
	DRILLING TECHNIQUE		HOLE / CASING DIAMETER				WATER OBSERVATIONS						NO FLUSH UNDERTAKEN				WATER ADDED: OTHER							
From	To	Type		Hole Dia.	Depth	Casing Dia.	Depth						Date/Time	Strike	Rest	Mins	Casing	Sealed	From	To	Rtn%	Type	From	To
0.00	28.00	Rotary Core		300 146	1.20 28.00	150	28.00																	
MONITORING INSTRUMENTS			INSTRUMENT SCREEN DESIGN				REMARKS																	
Name	Type	m AGL		Name	From	To	Dia.	Target depth achieved.																
BH102	Standpipe	0.000		BH102	19.00	27.00	50																	

Project
Tesco Letchworth
Client
Tesco

Project No.
30213868
Easting (OS mE)
523341.49

Ground Level (mAOD)
81.04
Northing (OS mN)
232961.29

Start Date
28/02/2024
End Date
05/03/2024

Scale
1:50
Sheet 1 of 3

PROGRESS	SAMPLES	TESTS AND MEASUREMENTS		STRATA		Strike	Depth (Thick)	Level	Install/Backfill
Date / Time Casing / DTW (Remarks)	Type - Depth (m)	Type - Depth (m) - Result	Recovery Details	Description	Legend				
2024/02/28 12:00 - / -				MADE GROUND: BITUMINOUS SURFACING			(0.18) 0.18	80.86	
		PID 0.50m <1ppm		MADE GROUND: Light orangey brown gravelly cobbly SAND. Gravel is angular to subrounded fine to coarse of flint, limestone, brick, concrete and various igneous lithologies with frequent cobbles of red brick.			(0.62)		
	(ES 1) 0.80-1.00						0.80	80.24	
2024/02/28 13:43		PID 1.00m <1ppm		MADE GROUND: Recovered as Light white and brown clayey gravelly SAND. Gravel angular to subrounded fine to coarse of chalk, brick and concrete. Sand is fine to coarse.			(0.57)		
2024/02/29 12:37 - / -	(SPTLS 4) 1.20-1.65	SPT(S) 1.20m N=11 (4,5/5,3,2,1) Depth casing:1.20m		Structureless CHALK composed of silty angular to subangular fine to coarse GRAVEL of extremely weak to weak low density black speckled chalk. (Dm)			1.37	79.67	
	(D 2) 1.50-1.70	PID 1.50m <1ppm		[HOLYWELL NODULAR CHALK FORMATION]					
	(D 3) 2.00-2.20	PID 2.00m <1ppm	TCR 100 SCR 0 RQD 0						
		PID 2.50m <1ppm							
	(SPTLS 5) 2.70-3.15	SPT(S) 2.70m N=19 (2,3/4,5,5,5) Depth casing:2.70m							
	(D 6) 3.00-3.20	PID 3.00m <1ppm							
		PID 3.50m <1ppm	TCR 100 SCR 0 RQD 0						
	(D 7) 4.00-4.20	PID 4.00m <1ppm							
	(SPTLS 8) 4.20-4.65	SPT(S) 4.20m N=7 (1,2/1,2,2,2) Depth casing:4.20m		Becomes cream white and dark brownish grey medium to coarse slight gravelly SAND. Gravel is angular to subrounded fine to coarse of chalk 4.2-4.36m bgl					
		PID 4.50m <1ppm							
	(D 9) 5.00-5.20	PID 5.00m <1ppm	TCR 100 SCR 0 RQD 0						
		PID 5.50m <1ppm							
	(SPTLS 10) 5.70-6.15	SPT(S) 5.70m N=16 (2,3/4,5,3,4) Depth casing:5.70m					(10.84)		
	(D 11) 6.00-6.20	PID 6.00m <1ppm							
		PID 6.50m <1ppm	TCR 100 SCR 0 RQD 0						
	(D 12) 7.00-7.20	PID 7.00m <1ppm							
	(SPTLS 15) 7.20-7.65	SPT(S) 7.20m N=8 (1,2/2,3,2,1) Depth casing:7.20m							
		PID 7.50m <1ppm							
	(D 14) 8.00-8.20	PID 8.00m <1ppm	TCR 100 SCR 0 RQD 0						
		PID 8.50m <1ppm							
2024/02/29 17:00 - / 11.62									
2024/03/01 08:57 - / 7.85	(SPTLS 13) 8.70-9.15	SPT(S) 8.70m N=20 (2,3/1,4,7,8) Depth casing:8.70m							
	(D 16) 9.00-9.20	PID 9.00m <1ppm							
		PID 9.50m <1ppm	TCR 100 SCR 0 RQD 0						

DRILLING TECHNIQUE			HOLE / CASING DIAMETER				WATER OBSERVATIONS						NO FLUSH UNDERTAKEN				WATER ADDED: OTHER		
From	To	Type	Hole Dia.	Depth	Casing Dia.	Depth	Date/Time	Strike	Rest	Mins	Casing	Sealed	From	To	Rtn%	Type	From	To	Litres
0.00	28.00	Rotary Core	300 146	1.20 28.00	150	28.00													

MONITORING INSTRUMENTS			INSTRUMENT SCREEN DESIGN				REMARKS												
Name	Type	m AGL	Name	From	To	Dia.													
BH103	Standpipe	-	BH103	19.00	27.00	50	Target depth achieved.												

Unless otherwise stated:
Depth (m bgl), Diameter (mm), From/To (m bgl),
Level (m AOD/ASD), Thickness (m), Time (hhmm),
Height Above Ground Level (m AGL)

Equipment Used
Camacchio MC305

Termination Depth
28.00m

Logged By
AC

Checked By
NM

Project
Tesco Letchworth
Client
Tesco

Project No.
30213868
Easting (OS mE)
523341.49

Ground Level (mAOD)
81.04
Northing (OS mN)
232961.29

Start Date
28/02/2024
End Date
05/03/2024

Scale
1:50
Sheet 2 of 3

PROGRESS	SAMPLES	TESTS AND MEASUREMENTS			STRATA		Strike	Depth (Thick)	Level	Install/Backfill
Date / Time Casing / DTW (Remarks)	Type - Depth (m)	Type - Depth (m) - Result	Recovery Details		Description	Legend				
2024/03/01 15:01 2024/03/04 09:13 - / - - / -	(SPTLS 17) 10.00-10.45	SPT(S) 10.00m N=25 (6,6/6,5,3,1) Depth casing:10.00m	TCR 23 SCR 0 RQD 0		Structureless CHALK composed of silty angular to subangular fine to coarse GRAVEL of extremely weak to weak low density black speckled chalk. (Dm) [HOLYWELL NODULAR CHALK FORMATION]					
	(D 18) 11.20-11.40	PID 11.30m <1ppm PID 11.50m <1ppm			Becomes Structured CHALK 11.5-11.59m bgl					
	(D 19) 12.00-12.20	PID 12.00m <1ppm PID 12.50m <1ppm	TCR 100 SCR 51 RQD 7		Weak medium density light cream CHALK Fractures are close (50,100,130), not infilled, horizontal to vertical, smooth and undulating, tight, light cream with black speckling and yellowish orange staining noted on fracture surface. Thin interwoven and wispy marls present.			12.21	68.83	
	(D 20) 13.00-13.20									
	(D 21) 13.40-13.60	PID 13.50m <1ppm	TCR 60 SCR 40 RQD 7		[HOLYWELL NODULAR CHALK FORMATION]					
	(D 22) 14.10-14.30	PID 14.00m <1ppm								
	(D 23) 15.20-15.40		TCR 63 SCR 35 RQD 7							
	(C 24) 15.55-15.64	PID 15.50m <1ppm								
	(D 25) 16.50-16.70		TCR 93 SCR 45 RQD 0		Becomes weathered structureless CHALK recovered as angular to subangular fine to coarse gravel. 16.48-16.75m bgl					
	(D 26) 17.00-17.20				Becomes weathered structureless CHALK recovered as angular to subangular fine to coarse gravel. 16.95-17.09m bgl					
	(D 27) 18.00-18.20	PID 17.50m <1ppm PID 18.00m <1ppm	TCR 97 SCR 65 RQD 10		Becomes weathered structureless CHALK recovered as angular to subangular fine to coarse gravel. 17.79-17.95m bgl					
	(C 28) 18.65-18.79	PID 18.50m <1ppm			Becomes weathered structureless CHALK recovered as angular to subangular fine to medium gravel. 18.31-18.34m bgl Becomes weathered structureless CHALK recovered as angular to subangular fine to medium gravel. 18.58-18.65m bgl					
	(D 29) 19.20-19.40		TCR 90 SCR 31 RQD 17		Becomes weathered structureless CHALK recovered as angular to subangular fine to coarse gravel. 18.79-18.88m bgl					

DRILLING TECHNIQUE			HOLE / CASING DIAMETER				WATER OBSERVATIONS						NO FLUSH UNDERTAKEN				WATER ADDED: OTHER		
From	To	Type	Hole Dia.	Depth	Casing Dia.	Depth	Date/Time	Strike	Rest	Mins	Casing	Sealed	From	To	Rtn%	Type	From	To	Litres
0.00	28.00	Rotary Core	300 146	1.20 28.00	150	28.00													

MONITORING INSTRUMENTS			INSTRUMENT SCREEN DESIGN				REMARKS												
Name	Type	m AGL	Name	From	To	Dia.													
BH103	Standpipe	-	BH103	19.00	27.00	50	Target depth achieved.												

Unless otherwise stated:
Depth (m bgl), Diameter (mm), From/To (m bgl),
Level (m AOD/ASD), Thickness (m), Time (hhmm),
Height Above Ground Level (m AGL)

Equipment Used
Camacchio MC305

Termination Depth
28.00m

Logged By
AC

Checked By
NM

Project
Tesco Letchworth
Client
Tesco

Project No.
30213868
Easting (OS mE)
523341.49

Ground Level (mAOD)
81.04
Northing (OS mN)
232961.29

Start Date
28/02/2024
End Date
05/03/2024

Scale
1:50

Sheet 3 of 3

PROGRESS	SAMPLES	TESTS AND MEASUREMENTS		STRATA		Strike	Depth (Thick)	Level	Install/ Backfill
Date / Time Casing / DTW (Remarks)	Type - Depth (m)	Type - Depth (m) - Result		Recovery Details	Description	Legend			
2024/03/04 17:00 - / - 2024/03/05 08:57 - / 21.83 2024/03/05 11:34 - / 18.63 2024/03/05 17:00 - / -	(C 31) 20.03-20.17 (D 30) 20.20-20.40	PID	22.00m <1ppm	TCR 67 SCR 49 RQD 25	Weak medium density light cream CHALK Fractures are close (50,100,130), not infilled, horizontal to vertical, smooth and undulating, tight, light cream with black speckling and yellowish orange staining noted on fracture surface. Thin interwoven and wispy marls present. [HOLYWELL NODULAR CHALK FORMATION Becomes weathered structureless CHALK recovered as angular to subangular fine to coarse gravel. 21.4-21.6m bgl]				
	(D 33) 21.00-21.20 (ES 38) 21.30-21.50								
	(C 32) 21.78-21.89 (D 34) 22.00-22.20								
	PID 22.50m <1ppm								
	(D 35) 23.00-23.20 PID 23.50m <1ppm								
	(D 37) 24.00-24.20 PID 24.50m <1ppm								
	(C 36) 24.87-25.00 (D 40) 25.20-25.40								
	(C 39) 25.80-25.96 (D 41) 26.20-26.40								
	(D 43) 27.00-27.20 PID 27.50m <1ppm								
	(C 42) 27.75-27.85								

DRILLING TECHNIQUE			HOLE / CASING DIAMETER				WATER OBSERVATIONS						NO FLUSH UNDERTAKEN				WATER ADDED: OTHER		
From	To	Type	Hole Dia.	Depth	Casing Dia.	Depth	Date/Time	Strike	Rest	Mins	Casing	Sealed	From	To	Rtn%	Type	From	To	Litres
0.00	28.00	Rotary Core	300 146	1.20 28.00	150	28.00													

MONITORING INSTRUMENTS			INSTRUMENT SCREEN DESIGN				REMARKS
Name	Type	m AGL	Name	From	To	Dia.	
BH103	Standpipe	-	BH103	19.00	27.00	50	Target depth achieved.

Unless otherwise stated:
Depth (m bgl), Diameter (mm), From/To (m bgl),
Level (m AOD/ASD), Thickness (m), Time (hhmm),
Height Above Ground Level (m AGL)

Equipment Used

Camacchio MC305

Termination Depth
28.00m

Logged By	Checked By
AC	NM

Project
Tesco Letchworth
Client
Tesco

Project No.
30213868
Easting (OS mE)
523194.33

Ground Level (mAOD)

Northing (OS mN)
232953.32

Start Date
07/03/2024
End Date
07/03/2024

Scale
1:15
Sheet 1 of 1

PROGRESS	SAMPLES	TESTS AND MEASUREMENTS	STRATA		Strike	Depth (Thick)	Level	Install/Backfill
Date / Time Casing / DTW (Remarks)	Type - Depth (m)	Type - Depth (m) - Result	Description	Legend				
2024/03/07 08:24 - / -			MADE GROUND: BITUMINOUS SURFACING			0.05		
			CONCRETE			(0.11)		
			MADE GROUND: Light brown gravelly SAND. Gravel is angular to subrounded fine to coarse of flint, limestone brick and various igneous lithologies with occasional cobbles of brick, fire brick and concrete.			0.16		
						(0.49)		
		PID 0.50m <1ppm				0.65		

DRILLING TECHNIQUE			HOLE / CASING DIAMETER				WATER OBSERVATIONS						NO FLUSH UNDERTAKEN				WATER ADDED: OTHER		
From	To	Type	Hole Dia.	Depth	Casing Dia.	Depth	Date/Time	Strike	Rest	Mins	Casing	Sealed	From	To	Rtn%	Type	From	To	Litres
0.00	0.65	Inspection Pit	300	0.65															

MONITORING INSTRUMENTS			INSTRUMENT SCREEN DESIGN				REMARKS												
Name	Type	m AGL	Name	From	To	Dia.	Refusal at 0.65m. Unable to advance due to concrete obstruction similar depth to BH104												

Unless otherwise stated:
Depth (m bgl), Diameter (mm), From/To (m bgl),
Level (m AOD/ASD), Thickness (m), Time (hhmm),
Height Above Ground Level (m AGL)

Equipment Used
Corer, insulated hand tools

Termination Depth
0.65m

Logged By
AC

Checked By
NM

Project

Project No.

Ground Level (mAOD)

Start Date

Scale

Sheet 1 of 1

PROGRESS	SAMPLES	TESTS AND MEASUREMENTS		STRATA		Strike	Depth (Thick)	Level	Install/ Backfill
Date / Time Casing / DTW (Remarks)	Type - Depth (m)	Type - Depth (m) - Result	Description	Legend					
2024/03/07 10:02 - / -			MADE GROUND: BITUMINOUS SURFACING		0.10	(0.80)			
			MADE GROUND: Light brown gravelly SAND. Gravel is angular to subrounded fine to coarse of flint, limestone brick and various igneous lithologies with occasional cobbles of brick, fire brick and concrete. <i>concrete obstruction 0.24-0.24m bgl</i>						
					0.90				

[illegible]

MONITORING INSTRUMENTS			INSTRUMENT SCREEN DESIGN				REMARKS
Name	Type	m AGL	Name	From	To	Dia.	
							Refusal at 0.9m due to concrete obstruction. Unable to advance using insulated hand tools

Unless otherwise stated:

Equipment Used

Termination Depth

Logged By

Checked By

Project

Project No.

Ground Level (mAOD)

Start Date

Scale

Sheet 1 of 1

PROGRESS	SAMPLES	TESTS AND MEASUREMENTS	STRATA		Strike	Depth (Thick)	Level	Install/ Backfill
Date / Time Casing / DTW (Remarks)	Type - Depth (m)	Type - Depth (m) - Result	Description	Legend				
2024/03/07 11:13 - / -			MADE GROUND: BITUMINOUS SURFACING			(0.12)		
			MADE GROUND: Light orangey brown gravelly cobbly SAND. Gravel is angular to subrounded fine to coarse of flint, limestone, brick, concrete and various igneous lithologies with frequent cobbles of red brick.			0.12		
			MADE GROUND: Recovered as Light white and brown clayey gravelly SAND. Gravel angular to subrounded fine to coarse of chalk, brick and concrete. Sand is fine to coarse.			0.16		
						(0.74)		
						0.90		

DRILLING TECHNIQUE			HOLE / CASING DIAMETER				WATER OBSERVATIONS							NO FLUSH UNDERTAKEN				WATER ADDED: OTHER		
From	To	Type	Hole Dia.	Depth	Casing Dia.	Depth	Date/Time	Strike	Rest	Mins	Casing	Sealed	From	To	Rtn%	Type	From	To	Litres	
0.00	0.90	Inspection Pit	300	0.90																

MONITORING INSTRUMENTS			INSTRUMENT SCREEN DESIGN				REMARKS
Name	Type	m AGL	Name	From	To	Dia.	
							Refusal at 0.9 due to concrete obstruction. Unable to advance using insulated hand tools.

Unless otherwise stated:

Equipment Used

Termination Depth

Logged By

Checked By _____

Project
Tesco Letchworth
Client
Tesco

Project No.
30213868
Easting (OS mE)
523279.37

Ground Level (mAOD)

Northing (OS mN)
232991.12

Start Date
07/03/2024
End Date
07/03/2024

Scale
1:15
Sheet 1 of 1

PROGRESS	SAMPLES	TESTS AND MEASUREMENTS	STRATA		Strike	Depth (Thick)	Level	Install/ Backfill
Date / Time Casing / DTW (Remarks)	Type - Depth (m)	Type - Depth (m) - Result	Description	Legend				
			MADE GROUND: BITUMINOUS SURFACING			(0.16)		
			MADE GROUND: Light orangey brown gravelly cobbly SAND . Gravel is angular to subrounded fine to coarse of flint, limestone, brick, concrete and various igneous lithologies with frequent cobbles of red brick.			0.16 (0.15) 0.31		

DRILLING TECHNIQUE			HOLE / CASING DIAMETER				WATER OBSERVATIONS						NO FLUSH UNDERTAKEN				WATER ADDED: OTHER		
From	To	Type	Hole Dia.	Depth	Casing Dia.	Depth	Date/Time	Strike	Rest	Mins	Casing	Sealed	From	To	Rtn%	Type	From	To	Litres
0.00	0.30	Inspection Pit	300	0.30															

MONITORING INSTRUMENTS			INSTRUMENT SCREEN DESIGN				REMARKS												
Name	Type	m AGL	Name	From	To	Dia.													
							Refusal at 0.31m due to concrete obstruction. Unable to advance using insulated hand tools												

Unless otherwise stated:
Depth (m bgl), Diameter (mm), From/To (m bgl),
Level (m AOD/ASD), Thickness (m), Time (hhmm),
Height Above Ground Level (m AGL)

Equipment Used
Corer, insulated hand tools

Termination Depth
0.31m

Logged By
AC
Checked By
NM

