

BOREHOLE LOG				BOREHOLE No BH AA	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 12/09/07	Ground Level: 37.97maOD	Co-ordinates: E364730 N352391		
Project: NANTWICH WATERLOGGED DEPOSITS					Sheet: 1 of 2

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
1							(0.35)	Collapsed and loose in core tube - just moist, mid brown to mid to dark grey-brown, unconsolidated, silty SAND. Abundant brick/tile (<55mm) throughout.	
			SPT	N=0	●	37.62	0.35	Moist, mid to dark grey to grey-brown, firm/stiff (working soft), slightly sandy clayey SILT. 0.35 - 0.54 Crushed brick and tile fragments present (<20mm).	
			SPT	N=0	●	37.33	0.64	Moist, light brown (discoloured to mid to dark grey-brown from layer above at 0.64-0.74m), unconsolidated, SAND. 0.64 - 0.74 Becomes dark greyish brown.	
						36.97	1.00	Moist, light to mid grey, unconsolidated, fine SAND.	
2		SPT	N=0	●			(1.60)		

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BH AA	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 12/09/07	Ground Level: 37.97maOD	Co-ordinates: E364730 N352391		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 2 of 2	

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
3								Moist, light to mid grey, unconsolidated, fine SAND. <i>(continued)</i>		
			SPT	N=0	●	35.37	(0.40)	Just moist, mid brown to grey-brown, very stiff (working plastic), CLAY.		
						34.97		3.00		
								Borehole complete at 3.00m		

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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BOREHOLE LOG

BOREHOLE No
BH AB

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
12/09/07

Ground Level:
37.93maOD

Co-ordinates:
E364740 N352370

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
								(0.43)	Light grey SAND. Modern fragments of brick and tile present (<70mm).	
								0.34 - 0.43 Brick becoming abundant.		
		SPT	N=0	●		37.50		0.43		
		SPT	N=0	●		37.45	x x x x	0.48	Dark grey, compacted ashen SILT.	
		SPT	N=0	●		37.32	x x x x	(0.13) 0.61	Dark grey ashen gravelly SILT. Gravel is of conglomerate 'hard core' (<100 mm).	
		SPT	N=0	●			x x x x	(0.39)	Dark grey ashy SILT. Traces of brick and tile (<4mm), coal (<20mm) and charcoal (<6mm) fragments present throughout.	
1						36.93	x x x x	1.00		
						36.83	?	1.10	No Recovery.	
		SPT	N=0	●			x x x x	(0.63)	Moist, dark grey to brown, silty fine SAND. Occasional black gravels of ash/cinder (<10mm).	
		SPT	N=1	●		36.20	x x x x	1.73		
		SPT	N=1	●			x x x x	(0.27)	Moist, dark grey to brown humic, slightly sandy, slightly clayey SILT. 1.73 - 2.00 Slight sulphide odour.	
2						35.93	x x x x	2.00		
						35.87	?	2.06	No Recovery.	
							x x x x		Moist, fine sandy SILT. Occasional rounded pebbles (<50 mm) present throughout.	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 2.13m bgl. Well headspace concentration 40ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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BOREHOLE LOG				BOREHOLE No BH AB	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 12/09/07	Ground Level: 37.93maOD	Co-ordinates: E364740 N352370		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 2 of 2	

SAMPLES & TESTS					STRATA				Instrument/ Backfill	
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4	Water	Reduced Level	Legend	Depth (Thickness)		DESCRIPTION
3		SPT	N=0	●		35.56	x x x x x x x x x x x x	(0.31) 2.37	Moist, fine sandy SILT. Occasional rounded pebbles (<50 mm) present throughout. <i>(continued)</i>	
		SPT	N=0	●		35.14	[Pattern]	(0.42) 2.79	Moist to wet, light yellow to brown, unconsolidated, coarse SAND. 2.70 - 2.79 Rounded pebbles (<20 mm) common.	
		SPT	N=0	●		34.93	[Pattern]	(0.21) 3.00	Moist, brown, compacted sandy CLAY. Rounded pebbles (<60mm) common throughout.	
Borehole complete at 3.00m										
4										

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 2.13m bgl. Well headspace concentration 40ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BH AC

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
12/09/07

Ground Level:
36.42maOD

Co-ordinates:
E364963 N352517

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
1							(0.46)	0.46	Most of core volume composed of angular 'hard core' stone (<65 mm), with occasional fragments of brick/tile (<45 mm) in a dry, light grey to brown SAND matrix.	
						35.96	(0.13)	0.59	Dry, mid brown to dark grey, firm sandy CLAY. Occasional stones (<15 mm) and brick/tile (<50 mm) fragments present.	
						35.83	(0.14)	0.73	Large brick rubble GRAVEL and COBBLES (<120 mm).	
						35.69	(0.27)	1.00	Dry, mid brown to dark grey, firm sandy CLAY. 0.77 - 0.80 Brick and tile fragments (<40 mm) present.	
						35.42	(0.51)	1.51	0.99 - 1.00 Modern glass fragments (<40 mm) present. Moist, dark grey, firm to unconsolidated, ashen, slightly sandy SILT. Occasional modern pot fragments (<18 mm) and patches of rotted mortar.	
			SPT	N=0		34.91	(0.42)	2.00	Large brick and tile rubble of GRAVEL and COBBLES (<100 mm). Moist, dark grey, firm to unconsolidated, ashen, slightly sandy SILT. Occasional fragments of brick/tile (<10mm) and traces of fine roots throughout.	
			SPT	N=1		34.84	(0.27)	2.00	Moist, dark grey, firm to unconsolidated, ashen, slightly sandy, slightly clayey SILT.	
2										
		SPT	N=0		34.42					

Boring Progress and Water Observations

Chiselling

Water Added

General Remarks

Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To

Groundwater present at 2.83m bgl. Well headspace concentration 20 000ppm.

All dimensions in metres
Scale 1:13.75

Contractor : Sherwood Drilling
Plant: Geotool

Method: Windowless Sampler
Hole Size:

Logged By:

Approved By:

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BH AC

Client:
CHESHIRE COUNTY COUNCIL



Project No: 406.0889.00003.005	Date: 12/09/07	Ground Level: 36.42maOD	Co-ordinates: E364963 N352517
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Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
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SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
						x x x	2.27		
		SPT	N=0	●		x x x	(0.25)		Moist to wet, dark grey to grey-brown, firm (working soft and somewhat plastic), clayey SILT. 2.38 - 2.44 Rotted mortar (<12 mm) present.
		SPT	N=0	●		x x x	2.52		
		SPT	N=0	●		x x x	2.62		Moist to wet, mid grey, crumbly (working soft and sticky), clayey SILT. Stones (<20mm) present throughout.
		SPT	N=0	●		x x x	(0.11)		
		SPT	N=0	●		x x x	2.73		Moist, light to mid grey, firm and slightly sticky (working soft and somewhat plastic), silty CLAY, with a slight surface 'dusting' of sand.
		SPT	N=0	●		x x x	(0.14)		
		SPT	N=1	●		x x x	2.87		Moist to wet, light grey to mid grey-brown, unconsolidated, coarse clayey SAND.
3		SPT	N=1	●		x x x	(0.13)		
		SPT	N=0	●		x x x	3.00		Moist, light to mid grey, stiff and slightly sticky (working plastic), very slightly sandy CLAY. Occasional black patches from sulphide staining left by rotting organics.
		SPT	N=0	●		x x x	(0.23)		
		SPT	N=0	●		x x x	3.23		Moist, mid to dark brown, crumbly to unconsolidated, very slightly clayey SAND.
		SPT	N=0	●		x x x	3.30		
		SPT	N=2	●		x x x	(0.14)		Moist, light to mid grey, soft (working more or less plastic), slightly silty CLAY.
		SPT	N=2	●		x x x	3.44		Moist, mid to dark brown, crumbly to unconsolidated, very slightly clayey SAND.
		SPT	N=2	●		x x x	(0.42)		Moist, dark brown to grey-brown, compacted and firm (working soft), clayey SAND. Occasional fragments of organic detritus throughout. 3.55 - 3.59 Large stone inclusions (<60mm). 3.63 - 3.68 Large stone inclusions (<60mm).
		SPT	N=2	●		x x x	3.86		
		SPT	N=2	●		x x x	(0.14)		No Recovery.
4						?	4.00		
									Borehole complete at 4.00m

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Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 2.83m bgl. Well headspace concentration 20 000ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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BOREHOLE LOG

BOREHOLE No
BHA

Client:
CHESHIRE COUNTY COUNCIL



Project No: 406.0889.00003.005	Date: 30/07/07	Ground Level: 33.29maOD	Co-ordinates: E364931 N352661
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Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
						?	0.04	No Recovery	
						x	(0.36)	Moist, mid to dark grey/brown, crumbly (working soft), slightly clayey SILT. Rootlets present to 0.14m.	
						x	0.40	Moist, light to mid brown, soft (working more or less plastic), clayey SILT.	
						x	(0.60)		
1						x	1.00	No Recovery	
						?	1.06	No Recovery	
		SPT	N=0	●		x	(0.94)	Moist, mottled light grey yellow/brown stiff (working plastic), very slightly silty CLAY. 1.61 - 1.63 Discontinuity of moist to wet, soft to unconsolidated, light grey, sand.	
2						x	2.00	No Recovery	
						?	(0.35)		

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: Approved By:
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHA

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
30/07/07

Ground Level:
33.29maOD

Co-ordinates:
E364931 N352661

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
2 of 2

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
3						30.94	?	2.35	No Recovery (<i>continued</i>)	
			SPT	N=0	●	30.49		(0.45) 2.80	Moist, light to mid brown (with some patches of light to mid orange-brown), stiff and sticky (working plastic), silty CLAY. 2.35 - 2.65 Very granular appearance caused by presence of indurated clay lumps (<3 mm) within the matrix.	
						30.37	?	(0.12) 2.92	No Recovery	
			SPT	N=0	●	29.81		(0.56) 3.48	Moist, light to mid brown to grey, soft (working slightly sticky and then more or less plastic), slightly silty CLAY. 3.20 - 3.48 Becoming slightly wetter and more sticky.	
						29.39		(0.46) 3.90	Moist to wet, light to mid grey, unconsolidated, fine to coarse SAND.	
			SPT	N=0	●					
4									Borehole complete at 3.90m	

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Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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BOREHOLE LOG

BOREHOLE No
BHB

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
30/07/07

Ground Level:
36.62maOD

Co-ordinates:
E364925 N352582

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 3

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
1						36.54	x x x x	0.08	Moist, mid brown to mid grey-brown, stiff (working plastic), slightly silty CLAY.
						36.50	x x x x	0.12	
						36.40	x x x x	0.22	Moist, mid brown to mid grey-brown, stiff (working plastic), sandy CLAY. Becomes more sandy and working soft with depth. Fresh grass, clover and associated rootlet penetration from third recent surface at interface with next lowest section. Live earthworm and rounded pebble (<45 mm) present at lower interface.
						35.62	x x x x	1.00	
						35.48	x x x x	1.14	Just moist, mid to dark grey to grey-brown, crumbly (working more or less soft), slightly silty, clayey SAND. Occasional inclusions of rounded pebbles and brick/tile. 'Hard core' present throughout.
						35.16	x x x x	1.46	
						35.00	x x x x	1.62	Just moist, mid to dark grey to grey-brown, stiff (working more or less plastic), slightly sandy CLAY. Make-up/levelling inclusions, e.g. brick, glass, coal, throughout. Asbestos fragment at 1.44m.
						34.62	x x x x	2.00	
	2								

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: Approved By:
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BOREHOLE LOG

BOREHOLE No
BHB

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
30/07/07

Ground Level:
36.62maOD

Co-ordinates:
E364925 N352582

Project:
NANTWICH WATERLOGGED DEPOSITS


Sheet:
2 of 3

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
3								(0.44)	Just moist, mid brown to grey-brown, stiff and slightly sticky (working more or less plastic), slightly sandy CLAY. Becomes slightly wetter in lowest 0.20m. Occasional 'build up' inclusions - e.g. brick (at 1.71m), metal (at 1.92m - 1.94m), glass (at 1.93m).
		SPT	N=0	●		34.18		2.44	Just moist, mid brown to grey-brown, stiff and slightly sticky (working more or less plastic), slightly sandy CLAY. Small organic inclusions at upper interface (looks to be 'ancient' rootlet). Brick (at 2.05m - 2.18m), stone (at 2.19m), white (modern) tile (at 2.26m-2.28m), large (<30 mm) bottle glass fragments (at 2.42m). <i>(continued)</i>
		SPT	N=0	●		33.98		2.64	Just moist, light to mid brown, stiff (working plastic) CLAY. Cinder present at 2.54m.
		SPT	N=0	●		33.62		3.00	Moist, mid to dark grey- brown, slightly silty, slightly clayey SAND. Cinder (<12 mm) and other burnt material throughout but particulary at 2.68m and 2.85m.
4		SPT	N=0	●				(1.00)	Just moist, mid to dark (slightly blueish) grey, stiff and slightly sticky (working soft), slightly clayey, slightly sandy SILT. Becomes slightly wetter with depth. Small stones from 3.70m becoming more frequent and larger with depth (<20mm). Rounded edged pot fragment (~11mm) at 3.92m. 3.00 - 4.00 Slight sulphide odour.
		SPT	N=0	●		32.62		4.00	Moist, mid brown to grey-brown, soft, clayey SILT. Grades into moist, light to mid yellow-brown, stiff (working plastic), very slightly silty clay from 4.10 - 4.35m. Occasional very small stones (<2 mm).
						32.27		4.35	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16


BOREHOLE LOG				BOREHOLE No BHB	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 30/07/07	Ground Level: 36.62maOD	Co-ordinates: E364925 N352582		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 3 of 3	


SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
5		SPT	N=0				(0.65)	Moist, light to mid yellow-brown, stiff (working plastic), very slightly silty CLAY. (continued)		
							31.62	5.00		
							31.44	5.18	?	No Recovery.
		SPT	N=0				31.27	5.35	(0.17)	Moist to wet, light to mid brown, firm to soft and sticky (working more or less plastic), slightly silty CLAY.
		SPT	N=0				31.18	5.44		Moist, light to mid yellow-brown, stiff (working plastic), very slightly silty CLAY.
		SPT	N=0				30.93	5.69	(0.25)	Moist to wet, light to mid brown, soft, sandy CLAY.
		SPT	N=0				30.83	5.79		Wet, light to mid brown, unconsolidated, slightly clayey SAND.
6		SPT	N=0			30.67	5.95	(0.16)	Moist to wet, light to mid grey-brown, soft and sticky, sandy clayey SILT.	
		SPT	N=0			30.62	6.00		Moist to wet, light to mid grey, soft to unconsolidated, clayey SAND.	
	Borehole complete at 6.00m									

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By:	Approved By:
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BHC	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 31/07/07	Ground Level: 34.87maOD	Co-ordinates: E364827 N352525		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 1 of 2	

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
						?	(0.30)	No Recovery.		
					34.57		0.30			
					34.52	x	0.35	Just moist, mid to dark grey, unconsolidated, slightly silty SAND. Modern rootlet penetration throughout.		
		SPT	N=1	●		x	(0.65)	Just moist, light to mid brown to mid to dark grey-brown, unconsolidated, slightly silty SAND. Modern rootlet penetration throughout. Probable fine ash/cinder throughout (concentration, <9mm, at 0.81m), occasional stones (<12mm) throughout. Ancient rootlet at 0.70-0.81m and from 0.94m downwards.		
1					33.87	x	1.00	Just moist, light to mid brown to mid to dark grey-brown, unconsolidated, slightly silty SAND. Rootlet continues to 1.06m and also seen at 1.40m, 1.50m and 1.68m, charcoal flecks (<3mm) at around 1.58m. Waterlogged and very fragile roundwood fragments at 1.72m and 1.78m.		
		SPT	N=2	●		x	(0.90)	1.47 - 1.52 Pocket of orange sand. 1.60 - 1.62 Pocket of light grey-brown sand.		
		SPT	N=2	●	32.97	x	1.90			
		SPT	N=1	●	32.92	x	1.95	Moist, dark grey, slightly sticky (works soft), slightly sandy SILT. Rootlet at upper interface (1.90m), waterlogged and soft roundwood at 1.95m (~7mm diameter).		
		SPT	N=0	●	32.87	x	2.00			
		SPT	N=2	●	32.78	x	2.09	1.90 - 1.95 Slight sulphide odour.		
		SPT	N=2	●	32.68	x	2.19			

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By:	Approved By:
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHC

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
31/07/07

Ground Level:
34.87maOD

Co-ordinates:
E364827 N352525

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
2 of 2

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
3		SPT	N=2	●		x	(0.81)	Moist, light to mid brown to mid to dark grey-brown, slightly sticky (working soft), silty SAND. Rootlet at 1.98-1.99m. Moist to wet, light to mid grey-brown, unconsolidated and somewhat thixotropic, slightly clayey SILT. Moist, mid grey-brown, soft, sandy SILT. Thin sliver of very decayed wood (<40mm, declined at ~15 degrees to horizontal). 2.19 - 3.00 Moderate sulphide odour. Moist, mid grey to grey-brown, firm (working soft), clayey SILT with occasional pockets of clay. Sulphide staining throughout but markedly at 2.37-2.43m, 2.58-2.60m, 2.68-2.75m, 2.79-2.93m. Perhaps all resulting from decayed rootlet. <i>(continued)</i>	
		SPT	N=1	●		x	(1.00)	Moist, mid grey-brown, fairly stiff and sticky (working soft and sticky), clayey SILT. Small 'thread-like' filaments throughout - ?fungal hyphae. Occasional black patches - perhaps sulphide staining but no associated odour - notable at 3.21-3.24m and 3.80-3.84m.	
4						x	4.00	Borehole complete at 4.00m	

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: Approved By:
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BOREHOLE LOG

BOREHOLE No
BHD

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
31/07/07

Ground Level:
35.03maOD

Co-ordinates:
E364925 N352423

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
						?	(0.20)	No Recovery.	
						x	(0.23)	Small amount of matrix (~20%) of moist, mid to dark grey-brown, unconsolidated slightly clayey, silty SAND. Mostly brick (<75mm) and stone (<30mm) rubble, with a piece of modern glass (<45mm) at 0.23m.	
		SPT	N=0	●		x	0.43		
						x	0.47		
		SPT	N=0	●		o	(0.23)	Small amount of matrix (~20%) of moist, mid to dark grey-brown, unconsolidated slightly clayey, silty SAND with pockets of black ash/cinder.	
						x	0.70	More or less dry, white, unconsolidated mortar GRAVEL grades into next lowest layer from 0.63-0.70m.	
		SPT	N=0	●		x	(0.30)	Moist, mid brown to mid to dark grey-brown, firm to crumbly (working soft), slightly clayey SILT, with occasional patches of light brown sand. Black cinder/ash and white mortar throughout.	
1						x	1.00	No Recovery.	
						?	(0.22)		
		SPT	N=0	●		x	1.22		
						x	1.27	Moist, light brown to mid to dark grey-brown, soft to crumbly (working soft), slightly clayey sandy SILT. Occasional ash/cinder throughout.	
		SPT	N=0	●		x	(0.24)		
						x	1.51	Just moist, dark grey to black, unconsolidated sandy SILT, with a high fine cinder/ash content. Occasional mid to dark brown patches where the cinder/ash content is less. Very light grey/grey-brown mortar inter-mixed with matrix.	
		SPT	N=0	●		o	1.60		
						x	(0.17)		
		SPT	N=0	●		x	1.77	More or less dry, white, unconsolidated mortar GRAVEL grades into next lowest layer from 0.63-0.70m.	
						x	(0.15)		
		SPT	N=0	●		x	1.92	Mid brown SAND. Mostly composed of dry brick rubble (<40mm), with some black ash/cinder (at 1.66-1.71m) and mortar common (at 1.72-1.77m).	
2						x	2.00		
		SPT	N=0	●		x	2.09	Moist, mid brown and dark grey, sticky (working soft), slightly clayey SILT. Black ash/cinder common throughout and mortar present at 1.88-1.92m.	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres
Scale 1:13.75

Contractor : Sherwood Drilling
Plant: Geotool

Method: Windowless Sampler
Hole Size:

Logged By: Approved By:

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHD

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
31/07/07

Ground Level:
35.03maOD

Co-ordinates:
E364925 N352423

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
2 of 2

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
3		SPT	N=0	● ⁰		x x x	(0.28)	Moist, mid brown, soft (working soft to more or less plastic), silty CLAY. Darker (dark grey/ black) and more silty in lowest 0.02m, possibly stained by fine ash/cinder or perhaps sulphides.	
						x x	2.37		Moist, mid brown to dark grey-brown, crumbly to unconsolidated, slightly silty SAND. Occasional black pockets possibly stained by fine ash/cinder or perhaps sulphides. Very rotted charcoal in small patches. 2.00 - 2.09 Slight sulphide odour. Moist, varicoloured (from light to mid brown to mid to dark grey-brown in shades of brown and grey-brown), unconsolidated to crumbly, slightly silty SAND. (continued)
		SPT	N=2	● ²		-	(0.63)	Moist, mid brown, firm to crumbly (working soft), slightly silty clayey SAND. Becomes slightly wetter with increasing depth. Rotted wood present at 2.47-2.50m. Saturated, light to mid brown, unconsolidated (works sticky and soft), slightly silty clayey SAND. Appears to be within ground water at least from 3.10m downwards.	
						-	3.00		
4		SPT	N=0	● ⁰		-	(1.00)		
						-	4.00	Borehole complete at 4.00m	

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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BOREHOLE LOG				BOREHOLE No BHE	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 31/07/07	Ground Level: 35.34maOD	Co-ordinates: E364931 N352261		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 1 of 2	

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
						?	(0.11) 0.11	No Recovery.	
						x x x	0.17	Moist, dark brown to grey-brown, slightly humic, crumbly (working soft), slightly clayey sandy SILT. Fresh grass at 0.11m. Modern rootlet throughout.	
						x x x	(0.75)	Moist, dark brown to grey-brown, slightly humic, crumbly (working soft), slightly clayey sandy SILT. Modern rootlet penetration to 0.36m. Frequent modern brick (<60mm; notably at 0.21-0.32m, 0.37-0.44m, 0.57-0.58m) with associated white flecks of mortar.	
						x x x	0.92		
1						x x x	1.00	More or less dry, mid to dark grey-brown, unconsolidated silty SAND. Mostly modern brick (<78mm) and mortar (<58mm) rubble, with a fragment of modern clear glass (<28mm).	
						x x x	(0.50)	Core section mostly collapsed. Moist, dark brown to grey-brown, slightly humic, crumbly (working soft), slightly clayey sandy SILT. Brick fragments small and sparse from 1.00-1.25m becoming common and larger (<42mm) from 1.25-1.50m. Large stones including cobble fragments (<50mm) and slate (<62mm) at 1.00-1.06m and very large cobble (<90mm) at 1.15-1.24m. Trace of old rootlet at 1.44-1.50m.	
						x x x	1.50		
		SPT	N=0	●		x x x	(0.24)	Core section mostly collapsed. More or less dry, mid to dark grey-brown, crumbly to unconsolidated, silty SAND.	
						x x x	1.74		
		SPT	N=0	●		x x x	(0.12)	Just moist, light to mid brown to grey-brown, stiff (working plastic), CLAY.	
						x x x	1.86		
		SPT	N=0	●		x x x	1.94	Just moist, light brown to light to mid grey-brown, unconsolidated, slightly silty SAND. Abundant rounded pebbles (<36mm) forming approximately half of this section.	
2		SPT	N=0	●		x x x	2.00		
		SPT	N=0	●		x x x	(0.12)	Just moist, light to mid brown to grey-brown, stiff (working plastic), CLAY.	
						x x x	2.12		
						x x x	(0.12)		

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHE

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
31/07/07

Ground Level:
35.34maOD

Co-ordinates:
E364931 N352261

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
2 of 2

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
3		SPT	N=1			33.10	x x x	2.24	Core section largely collapsed. Mix of unconsolidated coarse sand and lumps (<70mm) of stiff (working plastic) CLAY, both just moist and light to mid brown in colour.
		SPT	N=1	•		32.93	x x x	(0.17) 2.41	
		SPT	N=0		•		x x x	(0.59)	Just moist and light to mid brown, stiff (working plastic) CLAY. Rootlets at 2.24m. <i>(continued)</i> Just moist, dark grey-brown, brittle, slightly clayey SILT. Rootlets noted throughout, with occasional fragments of brick (<10 mm at 2.35m) and black ash lumps (<6mm at 2.41m).
		SPT	N=0		•		x x x	3.00	Just moist, mid grey-brown, stiff (working plastic), CLAY. Large brick inclusion at 2.59-2.70m (fragments <110 mm - probably shattered by corer).
		SPT	N=0		•		x x x	3.18	No Recovery.
		SPT	N=0		•		x x x	3.98	Moist, mid grey-brown, stiff (working plastic), CLAY. Becomes wetter in lower 0.20m. Occasional black flecks of ash/charcoal (<1mm) throughout.
4		SPT	N=0		•	31.36 31.34	x x x	4.00	Moist, light grey-brown, unconsolidated, slightly silty SAND. Borehole complete at 4.00m

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHF

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
01/08/07

Ground Level:
39.74maOD

Co-ordinates:
E365191 N352264

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
								Moist (dry in top 0.10m), loose gravel (<70mm). Terram membrane at base (0.60m).		
							39.14	0.60		
		SPT	N=0				39.07	0.67	Moist, light brown to mid grey (in shades of brown and grey-brown) slightly silty CLAY. Abundant stones and brick fragments (<30mm) throughout.	
		SPT	N=0				38.98	0.76		
		SPT	N=3					(0.20)	Moist, light to mid grey-brown, stiff (working soft and more or less plastic), slightly silty CLAY. Occasional brick fragments (<20mm) throughout and sliver of bone (<55mm) at 0.75m.	
		SPT	N=1				38.78	0.96		
							38.74	1.00	Moist, very dark grey-brown to black, crumbly to unconsolidated (working soft), humic, very slightly sandy slightly clayey SILT. Abundant waterlogged wood fragments (<60mm) concentrated at 0.76-0.81m.	
								(0.86)	0.76 - 0.96 Moderate sulphide odour. More or less dry, compacted and brittle to crumbly very slightly sandy slightly clayey SILT. 0.96 - 1.00 Slight sulphide odour.	
		SPT	N=3					1.86	Moist, very dark grey-brown to black, crumbly to unconsolidated (working soft), humic, very slightly sandy slightly clayey SILT. Occasional wood chips and twig/root fragments and rounded pebbles (<15mm) throughout. 1.00 - 1.40 Dusted with sand grains. 1.00 - 1.86 Slight sulphide odour.	
		SPT	N=0				37.78	1.96	1.48 - 1.52 Light grey sand intrusions (at ~45 degrees to horizontal).	
		SPT	N=0				37.74	2.00	1.50 - 1.86 Becomes wet. 1.56 - 1.60 Light grey sand intrusions (at ~45 degrees to horizontal). 1.64 - 1.72 Light grey sand intrusions (at ~45 degrees to horizontal). 1.76 - 1.80 Fibrous organic content.	

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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BOREHOLE LOG				BOREHOLE No BHF	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 01/08/07	Ground Level: 39.74maOD	Co-ordinates: E365191 N352264		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 2 of 2	

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
3		SPT	N=0	●	36.74	(1.00)	3.00	Moist, light to mid grey, soft to unconsolidated (working more or less plastic), sandy CLAY. Large pebble (<100 mm) present. Moist, light to mid brown to grey-brown, unconsolidated, SAND. Occasional black patches perhaps sulphide staining from rotted organics or perhaps very rotted charcoal. 1.96 - 2.00 Slight sulphide odour. Core tube split and sequence largely unrecordable. Terminated in 0.08 m of moist, light to mid brown, very stiff (working plastic), CLAY. <i>(continued)</i>	
4								Borehole complete at 3.00m	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHG

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
01/08/07

Ground Level:
39.60maOD

Co-ordinates:
E365096 N352398

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
						x	(0.27)	Core section collapsed and occupies only ~one-third of the core tube. More or less dry, mid grey-brown, unconsolidated, humic, silty SAND. Fresh grass at 0.00m, current ground surface. Modern rootlet and other herbaceous detritus throughout. Stones, brick, mortar (<45mm) present throughout.	
						x	(0.13)	Just moist, mid grey-brown, unconsolidated, slightly silty SAND, with some small areas (<10mm) of moist, light brown, stiff (working plastic), clay. Rotted brick fragments (<10mm) at 0.36-0.40m.	
		SPT	N=0			x	0.27		
		SPT	N=0			x	0.40		
		SPT	N=0			x	0.48		
		SPT	N=0			x	0.53		
		SPT	N=0			x	0.54		
		SPT	N=0			x	0.56		
		SPT	N=0			x	(0.44)	Moist, mid to dark grey, firm (working soft), clayey SILT. Frequent (~30%) inclusions of black ash/cinder and traces of rotted brick throughout.	
						x	1.00	Moist, very pale (off-white), rather slimy, very fine grained lime or lime-rich CLAY. Collapsed band of moist, unconsolidated, fine sandy GRAVEL.	
						?	(0.25)	Moist, very pale (off-white), rather slimy, very fine grained lime or lime-rich CLAY.	
						x	1.25	Moist, dark grey-brown to very dark grey, crumbly to firm (working soft and somewhat plastic), silty CLAY. Black ash and/or very rotted charcoal/cinder quite common (~10%) throughout, with some rotted charcoal pieces (<12mm) also present. Very rotted shell (soft and disintegrates) at 0.87-0.88m, tile fragments at 0.62-0.66m (<55 mm) and 0.91-0.93 (<20mm).	
		SPT	N=1			x	(0.23)	No Recovery.	
		SPT	N=0			x	1.48	Just moist, dark grey, crumbly to unconsolidated (working soft and somewhat plastic), sandy clayey SILT. Black inclusions of very rotted charcoal throughout. Rootlets at 1.27-1.29m and 1.39-1.48m.	
		SPT	N=0			x	(0.12)	Moist, light brown, unconsolidated SAND.	
						x	1.60		
		SPT	N=0			x	(0.39)		
						x	1.99		
		SPT	N=0			x	2.00	Moist, mid to dark grey, crumbly to unconsolidated (working soft), slightly clayey, silty SAND. Rounded quartz pebble (<15mm) at 1.71-1.72m and black flecks of rotted charcoal at 1.81-1.82m.	
		SPT	N=0			x	(0.15)		
						x	2.15		

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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BOREHOLE LOG				BOREHOLE No BHG	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 01/08/07	Ground Level: 39.60maOD	Co-ordinates: E365096 N352398		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 2 of 2	

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
3		SPT	N=0	●			(0.20)	Moist, light brown, unconsolidated SAND.	
		SPT	N=0	●		37.25	2.35	Moist, light grey to grey-brown, unconsolidated SAND.	
		SPT	N=0	●		37.16	2.44	Moist, light to mid grey, firm (working soft then more or less plastic), slightly silty CLAY. <i>(continued)</i>	
		SPT	N=0	●		36.60	3.00	Moist, mid grey, compacted (crumbles when worked), slightly silty SAND. Core section collapsed. Moist to wet, light brown to grey-brown, unconsolidated, coarse SAND. Stones (<30mm) common (~30%), becoming abundant (>50%) in last 0.05m.	
Borehole complete at 3.00m									
4									

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHH

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
01/08/07

Ground Level:
39.35maOD

Co-ordinates:
E365233 N352471

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
						39.29	?	0.06	No Recovery.
						39.15	x-x-x x-x-x x-x-x	(0.14) 0.20	Topsoil of moist, mid to dark brown, crumbly (working soft), sandy clayey SILT. Modern rootlet penetration throughout.
						38.99	x-x-x x-x-x x-x-x	(0.16) 0.36	Topsoil of moist, mid brown, crumbly (working soft), sandy clayey SILT. Inclusion of light to mid brown, stiff clay at 0.21-0.24m. Occasional modern rootlet fragments throughout.
		SPT	N=0	●		38.97	x-x-x x-x-x	0.38	
		SPT	N=0	●		38.89	x-x-x x-x-x	0.46	
		SPT	N=0	●		38.86	o-o-o o-o-o	0.49	Moist, light to mid pinkish-orange ('salmon' pink), unconsolidated SAND.
							x-x-x x-x-x x-x-x		More or less dry, mid to dark brown, unconsolidated, slightly silty SAND. Abundant cinder (<18mm) and a little fine charcoal throughout.
		SPT	N=0	●			x-x-x x-x-x x-x-x	(0.51)	More or less dry, very pale yellow-white, cushed mortar layer.
1						38.35	x-x-x x-x-x x-x-x	1.00	Just moist, mid grey (occasional small areas of mid brown), crumbly (working soft), slightly clayey silty SAND. Crushed brick (at 0.52-0.54m), mortar flecks (at 0.60-0.63m), glass (at 0.69-0.71m) and occasional small rounded stones (<10mm) throughout.
							?	(0.42)	No Recovery.
						37.93	x-x-x x-x-x	1.42	
		SPT	N=0	●		37.83	x-x-x x-x-x	1.52	Moist, light to mid grey, unconsolidated, slightly silty clayey SAND.
							x-x-x x-x-x x-x-x	(0.38)	Just moist, mid brown, very stiff (working plastic) CLAY.
		SPT	N=0	●		37.45	x-x-x x-x-x	1.90	
2						37.35	?	2.00	No Recovery.
							x-x-x x-x-x x-x-x		Just moist, mid brown, very stiff (working plastic) CLAY.

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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BOREHOLE LOG				BOREHOLE No BHH	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 01/08/07	Ground Level: 39.35maOD	Co-ordinates: E365233 N352471		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 2 of 2	

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
3		SPT	N=0	●		36.35	(1.00)	Just moist, mid brown, very stiff (working plastic) CLAY. <i>(continued)</i>	
		SPT	N=0	●		35.35	(1.00)	Just moist, mid brown, very stiff (working plastic) CLAY. Only 0.35 metres of sediment in core tube, rest void - sediment mobile within tube so any depth record spurious.	
4								Borehole complete at 4.00m	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHI

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
31/07/07

Ground Level:
38.96maOD

Co-ordinates:
E365308 N352394

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
1		SPT	N=1			x	(0.86)	Moist, mid to dark grey, unconsolidated, slightly silty SAND. Stones (<65mm) present throughout - rounded to angular. Decayed rootlet at 0.30-0.34m, 0.37-0.46m and 0.62-0.72m. Traces of cinder and coal (<7mm) at 0.74m and 0.77-0.86m and of brick/tile (<3mm) at 0.82m. 0.00 - 0.86 Very slight sulphide odour.	
		SPT	N=3			x	0.86	Moist, light to mid brown to grey-brown, unconsolidated, SAND with some discrete mid grey clay lumps (<40mm). Large woody root fragments at 0.69-0.72m, small stones at 0.86-0.88m, cinder/ash at 0.88-0.92m.	
		SPT	N=0			x	0.96		
		SPT	N=0			x	(0.37)	Moist, light to mid brown, stiff (working plastic) CLAY.	
		SPT	N=0			x	1.37	Moist to wet, mid grey, unconsolidated, slightly silty SAND. Occasional rounded quartz pebble (<6mm). Horizontal band of small rounded stones (<10mm) at 1.30-1.31m.	
		SPT	N=0			x	(0.21)	Core section collapsed. Moist, light to mid brown, unconsolidated, fine to coarse SAND.	
	SPT	N=0			x	1.58	Moist, mid brown to grey-brown, very stiff (working plastic) CLAY.		
2		SPT	N=0		x	(0.42)		Moist, mid brown to grey-brown, very stiff (working plastic) CLAY.	
						x	2.00	Just moist, light to mid brown, very stiff (working plastic) CLAY. Rotted sandstone lumps (<12mm) at 2.72-2.75m.	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: Approved By:
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BHI	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 31/07/07	Ground Level: 38.96maOD	Co-ordinates: E365308 N352394		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 2 of 2	

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
3		SPT	N=0	●		[Pattern]	(1.00)	Just moist, light to mid brown, very stiff (working plastic) CLAY. Rotted sandstone lumps (<12mm) at 2.72-2.75m. (continued)	
						35.96	3.00		
		SPT	N=0	●		[Pattern]	(0.70)	Just moist, light to mid brown, very stiff (working plastic) CLAY.	
						35.26	3.70		
4								Borehole complete at 3.70m	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHJ

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
31/07/07

Ground Level:
40.04maOD

Co-ordinates:
E365284 N352296

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill	
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)		DESCRIPTION
						x x x x x x x x x	(0.36)	0.36	Just moist, dark brown, unconsolidated, silty SAND. Modern woody root and rootlet throughout.	
		SPT	N=0	●		39.68	0.36	39.60	0.44	No real matrix. Lumps of furnace slag/hard core' (<115 mm).
		SPT	N=0	●		39.18	(0.42)	0.86	1.00	Modern sand and gravel dry mix hard core. Two layers of terram membrane at 0.86m.
1		SPT	N=2	●		39.04	(0.14)	1.26	1.26	Moist, dark brown to grey-brown, crumbly (working soft) CLAY. Small fragments of cinder (<3mm) in 0.86-0.89m and a few modern rootlet fragments throughout.
		SPT	N=0	●		38.78	(0.26)	1.75	1.75	Moist, mid to dark grey-brown, unconsolidated to crumbly, slightly clayey slightly silty SAND. Occasional rounded pebbles (<24mm) throughout.
		SPT	N=2	●		38.29	(0.49)	2.00	2.00	Moist, light brown, unconsolidated, SAND (last 0.02m slightly wetter and slightly clayey). Occasional rounded pebbles (<15mm) at 1.26-1.46m.
2		SPT	N=0	●		38.04	(0.25)	2.00	2.00	Moist, mid to mid to dark brown, stiff, CLAY (slightly sandy in upper 0.02m).
										Just moist, mid brown, very stiff and slightly sticky (working plastic), CLAY.

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BHJ	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 31/07/07	Ground Level: 40.04maOD	Co-ordinates: E365284 N352296		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 2 of 2	

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
3		SPT	N=0	●		37.04	(1.00)	Just moist, mid brown, very stiff and slightly sticky (working plastic), CLAY. (continued)	
		SPT	N=0	●		36.04	(1.00)	Just moist, mid brown, very stiff and slightly sticky (working plastic), CLAY. 3.00 - 3.20 Slightly silty pocket. 3.34 - 3.40 Slightly silty pocket.	
4								Borehole complete at 4.00m	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16


BOREHOLE LOG				BOREHOLE No BHK	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 31/07/07	Ground Level: 37.14maOD	Co-ordinates: E365021 N352297		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 1 of 2	


SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
1						36.30	(0.84)	0.84	Largely void, with loose stones (<55mm) from 0.00-0.35m (very approximately) followed by a mix of brick (<30mm), coal (<50mm) and cinder (<22mm).	
						36.14	(0.16)	1.00	Moist, light to mid grey-brown, crumbly (working soft and somewhat plastic), sandy, silty CLAY. Crushed brick/tile, black ash/cinder and stones (<12mm) throughout. Diesel oil odour.	
			SPT	N=0	●			(1.00)	Just moist, mid brown, very stiff (working plastic), CLAY. Stained dark grey/black by diesel oil contamination from 1.00-1.04m.	
2						35.14		2.00		

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BHK	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 31/07/07	Ground Level: 37.14maOD	Co-ordinates: E365021 N352297		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 2 of 2	

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
3		SPT	N=0	●			(0.50)	Large voids in tube - also contained just moist, mid brown, very stiff (working plastic), CLAY. Stained dark grey/black by diesel oil contamination from 1.00-1.04m. Any depth record spurious owing to voids. <i>(continued)</i>	
						34.64	2.50	Large voids in tube - also contained just moist, mid brown, very stiff (working plastic), CLAY. Stained dark grey/black by diesel oil contamination from 1.00-1.04m. Any depth record spurious owing to voids.	
			SPT	N=0	●		34.14	3.00	
								Borehole complete at 3.00m	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By:	Approved By:
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHL

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
11/09/07

Ground Level:
38.71maOD

Co-ordinates:
E365128 N352544

Project:
NANTWICH WATERLOGGED DEPOSITS


Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
						(0.50)	0.50	Collapsed and loose in core tube - no matrix. Tarmac and stone (<60mm) modern 'hard core'.		
						(0.16)	0.66	A little matrix of more or less dry, light to mid grey, stiff (working plastic), CLAY. Stone (<80mm) 'hard core'.		
						(0.75)	0.75	No matrix. Loose 'hard core' stones (<80mm).		
1		SPT	N=0	●		(0.55)	1.30	Moist, dark brown to dark grey-brown, compacted to crumbly, ashy, slightly clayey SILT. Post-medieval/modern pottery fragment (<35mm) at 0.97-1.00m.		
						(0.70)	2.00	Just moist, light brown, unconsolidated, SAND - stained darker from layer above at 1.30-1.38m.		
2		SPT	N=0	●				Moist, light brown, unconsolidated, SAND. Abundant stones (<80mm) at 2.00-2.35m forming ~90% of tube contents at 2.00-2.20m.		

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 2.28m bgl. Well headspace concentration 35ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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BOREHOLE LOG				BOREHOLE No BHL	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005		Date: 11/09/07	Ground Level: 38.71maOD	Co-ordinates: E365128 N352544	
Project: NANTWICH WATERLOGGED DEPOSITS					Sheet: 2 of 2

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
		SPT	N=0	●	↓		(0.45)	Moist, light brown, unconsolidated, SAND. Abundant stones (<80mm) at 2.00-2.35m forming ~90% of tube contents at 2.00-2.20m. <i>(continued)</i>	
						36.26	2.45	Moist, mid brown, very stiff (working plastic) CLAY.	
3		SPT	N=0	●			(1.53)		
						34.73	3.98		
4						34.71	4.00	No Recovery.	
								Borehole complete at 4.00m	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 2.28m bgl. Well headspace concentration 35ppm.

All dimensions in metres Scale 1:13.75		Contractor : Sherwood Drilling Plant: Geotool		Method: Windowless Sampler Hole Size:		Logged By:	Approved By:
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHM

Client:
CHESHIRE COUNTY COUNCIL



Project No: 406.0889.00003.005 **Date:** 11/09/07 **Ground Level:** 37.81maOD **Co-ordinates:** E365015 N352549

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
1						x x	(0.35)	More or less dry, mid grey-brown (flecked with light brown sand), unconsolidated (collapsed and loose in upper 0.18m of tube), sandy SILT. Stones (<12mm) and rootlets present throughout; the latter abundant from 0.00-0.09m.		
						x x	0.35			
						x x	0.45	Dry, mid to dark grey-brown, unconsolidated, sandy SILT (approx. 50% of core section volume). Abundant brick/tile rubble (<38mm) - approx. 50% of core section volume. Cinder (<12mm) and fine (but woody) rootlet common throughout.		
		SPT	N=0	●		x x	0.49			
		SPT	N=0	●		x x	0.52			
		SPT	N=0	●		x x	0.55			
		SPT	N=0	●		x x	0.58			
		SPT	N=0	●		x x	(0.22)	No matrix. All of section was of angular, pale grey/grey-brown, stone (<24mm).		
						x x	0.80	Dry, mid to dark grey layer of ashy SILT. Abundant burnt stones (<12mm).		
		SPT	N=0	●		x x	(0.20)	Dry, mid to dark grey and mid to dark red-brown SILT.		
						x x	1.00	Dry, mid to dark grey-brown, unconsolidated, ashy sandy SILT; very much a minor component (~10%) of this section. Mostly of dry, angular, brick/tile (<35mm), with a little mortar (<37mm).		
		SPT	N=0	●		x x	(0.23)	Just moist, mid brown, stiff (working plastic) CLAY. Cinder and ash lumps (<12mm) present throughout.		
					x x	1.23				
	SPT	N=1	●		x x	(0.21)	Just moist, mid to dark grey-brown to mid to dark grey, crumbly (working more or less plastic), silty CLAY. Abundant fine ash throughout. Large brick/tile fragment (<108mm) at 0.80-0.88m, with a little associated mortar (<10mm).			
					x x	1.44				
	SPT	N=1	●		x x	(0.16)	Just moist, very dark grey to black, crumbly to unconsolidated, very ashy sandy SILT. Large lumps (<110mm) of conglomerate ?floor surface at 1.13-1.20m overlying a thin band with abundant angular and rounded stones (<50mm) at 1.20-1.23m.			
					x x	1.60				
	SPT	N=1	●		x x	(0.40)	Moist, very dark grey to black, soft to unconsolidated, slightly clayey SILT. Fine ash, rootlets, stones (<12mm) and possible other waterlogged organic material throughout.			
					x x	2.00				
	SPT	N=1	●		x x	(0.23)	1.23 - 1.44 Slight sulphide odour. Moist, very dark grey to black, soft to unconsolidated, slightly sandy SILT. Fine			

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	Groundwater present at 1.58m bgl. Well headspace concentration 905ppm.

All dimensions in metres Contractor : Sherwood Drilling Method: Windowless Sampler Logged By: Approved By:
 Scale 1:13.75 Plant: Geotool Hole Size:

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHM

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
11/09/07

Ground Level:
37.81maOD

Co-ordinates:
E365015 N352549

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
2 of 2

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
3						35.58	2.23	(0.61)	ash, rootlet, stones (<12mm) and possible other waterlogged organic material throughout. Standing ground water from ~1.50m downwards. Very rotted charcoal (<3mm) and some coal (<4mm) at 1.60m.	
		SPT	N=0	●					1.44 - 1.60 Slight sulphide odour. Moist, very dark grey to black, soft to unconsolidated, slightly silty, slightly clayey SAND. Fine ash, rootlet, stones (<12mm) and possible other waterlogged organic material throughout.	
		SPT	N=0	●		34.97	2.84		2.00 - 2.23 Very slight sulphide odour. Moist, very dark grey to black, soft to unconsolidated, slightly silty, slightly clayey SAND with small clast of mid brown sand (<10mm). Fine ash, rootlet, stones (<12mm) and possible other waterlogged organic material throughout.	
4						34.81	3.00	(0.16)	Wet, light to mid brown, unconsolidated, coarse SAND. Rounded stones (<14mm) present at 2.64-2.84m. Largely void as core section collapsed. Remaining matrix of loose, saturated, coarse SAND. Abundant rounded pebbles (<45mm).	
									Borehole complete at 3.00m	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 1.58m bgl. Well headspace concentration 905ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHN

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
12/09/07

Ground Level:
39.17maOD

Co-ordinates:
E365016 N352449

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 3

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
						○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	(0.20) 0.20	Core section collapsed in tube. No matrix. More or less dry, light and dark grey, mostly cinder (<30mm) and ash, with some pieces of aggregate (<40mm).	
		SPT	N=0	●		x x x x x x x x x x x x	(0.30) 0.50	Just moist, mid brown to mid to dark grey-brown, unconsolidated, ashy and slightly silty, SAND. Crushed cinder and coal (<4mm), brick/tile (<28mm) and mortar (<8mm, very rotted) present throughout.	
		SPT	N=0	●		- - - - - - - - - - - -	(0.13) 0.63	Just moist, mid brown, stiff (working plastic), CLAY. Surface discoloured to dark grey from 0.55-0.63m (transfer in sampling tube).	
		SPT	N=0	●		- - - - - - - - - - - -	(0.37) 1.00	Moist (becoming wet from 0.70 downwards - standing ground water), mid to dark grey-brown to dark grey to black, soft and slightly sticky (works very sticky), sandy CLAY, with occasional small clasts (<20mm) of light to mid brown clay. Abundant very rotted charcoal (<8mm) and very rotted mortar throughout (with a mortar concentration at 0.95-1.00m).	
1		SPT	N=0	●		x x x x x x x x x x x x	(0.15) 1.07	Core section collapsed in tube. Moist to wet, dark grey, unconsolidated and slightly sticky (working soft), slightly sandy clayey SILT.	
		SPT	N=1	●		x x x x x x x x x x x x	(0.15) 1.22		
		SPT	N=2	●		x x x x x x x x x x x x	(0.15) 1.29		
		SPT	N=2	●		x x x x x x x x x x x x	(0.15) 1.32	Moist to wet, dark grey, soft (working soft and slightly sticky), slightly sandy, clayey SILT. Very rotted wood at 1.08-1.10m and coal (<3mm) fragments (at 1.13-1.14m) present.	
		SPT	N=1	●		- - - - - - - - - - - -	(0.26) 1.58		
		SPT	N=0	●		- - - - - - - - - - - -	(0.26) 1.60	Moist, black, unconsolidated to crumbly (working more or less soft), very humic, amorphous slightly silty organic material. Bark fragment (<50mm) at 1.25-1.26m.	
		SPT	N=3	●		- - - - - - - - - - - -	(0.15) 1.75	No matrix. Consist entirely of a piece of poorly preserved saturated wood.	
		SPT	N=2	●		x x x x x x x x x x x x	(0.15) 1.80	Wet, light to mid grey-brown to dark grey-brown, soft and somewhat thixotropic, silty sandy CLAY, perhaps with a little amorphous organic content at 1.32-1.35m.	
		SPT	N=0	●		x x x x x x x x x x x x	(0.15) 1.88		
		SPT	N=0	●		x x x x x x x x x x x x	(0.15) 1.91		
2		SPT	N=4	●		x x x x x x x x x x x x	(0.15) 2.00	Wet to waterlogged, light grey-brown, unconsolidated and rather granular, slightly sandy CLAY - granules mostly seem to be small (<2 mm) lumps of indurated clay.	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 1.37m bgl. Well headspace concentration 80ppm.

All dimensions in metres
Scale 1:13.75

Contractor : Sherwood Drilling
Plant: Geotool

Method: Windowless Sampler
Hole Size:

Logged By: Approved By:

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHN

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
12/09/07

Ground Level:
39.17maOD

Co-ordinates:
E365016 N352449

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
2 of 3

SAMPLES & TESTS					STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4	Water	Reduced Level	Legend	Depth (Thickness)	
3		SPT	N=4			36.71	x x x x x x x x x x x x x x x	(0.46) 2.46	Wet, light to mid grey-brown to dark grey-brown, soft and somewhat thixotropic, silty sandy CLAY, perhaps with a little amorphous organic content at 1.32-1.35m. Twig fragments (<3mm diameter) at 1.67m.
		SPT	N=0			36.56	— — — — — — — — —	(0.15) 2.61	Wet, mid grey to dark grey-brown (and shades between), soft (working sticky), silty CLAY. Coal/cinder (<4mm) present throughout, bone fragment (<11mm) at 1.74m and wood fragment (saturated and rotted) at 1.80m.
		SPT	N=3			36.45	— — — — — — — — —	(0.11) 2.72	Discrete components of wet, pale blueish-grey, sticky, clay and wet, mid to dark brown to grey-brown, sticky (working soft), clayey SILT. Small coal fragments (<5mm) present throughout.
		SPT	N=2			36.32	— — — — — — — — —	(0.13) 2.85	Band of wet, dark brown, slightly sticky (working soft), ?humic, slightly sandy clayey SILT. Blue ?vivianite (<12mm) at 1.91m.
		SPT	N=1			36.17	— — — — — — — — —	(0.15) 3.00	1.88 - 1.91 Slight sulphide odour. Wet, dark brown, soft, very organic SILT. Abundant waterlogged herbaceous detritus. Hazelnut fragment at 1.93-1.94m.
		SPT	N=0				— — — — — — — — —	(0.80)	1.91 - 2.00 Overpowering sulphide odour. 2.00 - 2.46 Overpowering sulphide odour.
		SPT	N=0			35.37	— — — — — — — — —	3.80	Wet, dark brown, soft, very organic SILT, with a pale blueish-grey clay inclusion. Abundant waterlogged herbaceous detritus, large wood fragments and also twigs throughout. <i>(continued)</i>
		SPT	N=0			35.19	— — — — — — — — —	(0.18) 3.98	Moist to wet, very dark grey-brown, crumbly (works soft), slightly silty, clayey SAND. Large roundwood (?wattle) inclusions at 2.62-2.64m and 2.67-2.70m.
		SPT	N=0			35.17	— — — — — — — — —	4.00	2.61 - 2.72 Very slight sulphide odour. Moist, light grey-brown to mid to dark grey (in shades of grey and grey-brown), unconsolidated, SAND. Large rounded stones (<40mm) at 2.73-2.75m.
	4								

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 1.37m bgl. Well headspace concentration 80ppm.


All dimensions in metres
Scale 1:13.75

Contractor : Sherwood Drilling
Plant: Geotool

Method: Windowless Sampler
Hole Size:

Logged By: _____ Approved By: _____

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BHN	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 12/09/07	Ground Level: 39.17maOD	Co-ordinates: E365016 N352449		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 3 of 3	

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
5								unconsolidated, SAND. Small sliver of decayed wood at 2.85m. Just moist, mid brown, very stiff (working plastic), CLAY. Just moist, light to mid grey, stiff (working plastic), CLAY. Moist, light to mid grey, sticky (working soft), sandy CLAY.		
6								Borehole complete at 4.00m		

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 1.37m bgl. Well headspace concentration 80ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BHO	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005		Date: 11/09/07	Ground Level: 39.64maOD		Co-ordinates: E365184 N352470
Project: NANTWICH WATERLOGGED DEPOSITS					Sheet: 1 of 2



SAMPLES & TESTS						STRATA				Instrument/ Backfill		
Depth	Type No	Test Type	Test Result	Preservation				Water	Reduced Level		Legend	Depth (Thickness)
				1	2	3	4					
									39.24	x x x x x x x x x x	0.40	Section collapsed in tube. Small amount of matrix of just moist, mid to dark grey, slightly clayey sandy SILT. Fresh grass and moss from current ground surface at 0.00-0.02m and associated rootlet penetration to 0.14m. Brick/tile (<30mm), mortar (<15mm), cinder (<12mm) and large lumps of slag (<70mm) formed the bulk of this section of the core.
									39.10	x x x x x x x x x x	0.54	Section collapsed in tube. Small amount of matrix of just moist, mid to dark grey, slightly clayey sandy SILT. Fresh grass and moss from current ground surface at 0.00-0.02m and associated rootlet penetration to 0.14m. Brick/tile (<30mm), mortar (<15mm), cinder (<12mm) and large lumps of slag (<70mm) formed the bulk of this section of the core.
		SPT	N=0						38.96	x x x x x x x x x x	0.68	0.50 - 0.52 Pocket of mid brown sand.
		SPT	N=0						38.85	x x x x x x x x x x	0.79	0.50 - 0.54 Brick/tile which becomes the dominant component.
		SPT	N=0						38.74	x x x x x x x x x x	0.90	Moist, dark grey (occasionally mid to dark grey-brown), unconsolidated, ashy, slightly clayey silty SAND. Rotted mortar at 0.62-0.68m.
1		SPT	N=0						38.64	x x x x x x x x x x	1.00	Moist, dark grey (occasionally mid to dark grey-brown), unconsolidated, ashy, slightly clayey silty SAND. Mostly composed of cinder, slag, mortar and coal (<20mm).
		SPT	N=0						38.44	x x x x x x x x x x	1.20	Just moist, light grey, stiff (working more or less plastic), slightly silty CLAY.
		SPT	N=2						38.27	x x x x x x x x x x	1.77	No matrix. Almost entirely composed of dry, shattered brick (<60 mm), with a little associated mortar and traces of ash/cinder.
		SPT	N=0						37.64	x x x x x x x x x x	2.00	Section collapsed in tube. Relatively small amount of matrix (~40% of volume) of moist, mid to dark grey-brown, soft (working more or less plastic), silty CLAY. Infrequent brick/tile and stones (<10mm), large lumps of coal (<60mm) at 1.41-1.47m and fine waterlogged plant remains present throughout (most

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 1.44m bgl. Well headspace concentration 10ppm.

All dimensions in metres Scale 1:13.75		Contractor : Sherwood Drilling Plant:Geotool		Method: Windowless Sampler Hole Size:		Logged By:	Approved By:
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BOREHOLE LOG

BOREHOLE No
BHO

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
11/09/07

Ground Level:
39.64maOD

Co-ordinates:
E365184 N352470

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
2 of 2

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
3						?	(0.39)	appears to be fine rootlet). 1.20 - 1.77 Slight sulphide odour. Wet (possibly within standing ground water from 1.77m downwards), mid to dark grey-brown, sticky (working plastic), CLAY. Brick/tile fragment (<25mm) at 1.77m. 1.97 - 2.00 Becomes slightly sandy. No Recovery. (continued)	
		SPT	N=0	●		x	2.39	Waterlogged, mid to dark grey-brown, unconsolidated and slightly sticky, slightly clayey silty SAND. Occasional rounded stones (<15mm) throughout. 2.39 - 2.89 Slight sulphide odour.	
		SPT	N=0	●		x	2.89	Just moist, mid brown to mid to dark grey-brown, stiff (working plastic), CLAY.	
		SPT	N=0	●		x	3.00	Just moist, mid brown to mid to dark grey-brown, stiff (working plastic), CLAY. No recovery at 3.36-3.44m.	
4						x	4.00	Borehole complete at 4.00m	

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 1.44m bgl. Well headspace concentration 10ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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BOREHOLE LOG

BOREHOLE No
BHP

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
10/09/07

Ground Level:
39.93maOD

Co-ordinates:
E365098 N352374

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4	Water	Reduced Level	Legend	Depth (Thickness)	
		SPT	N=0	●		39.86		0.07	More or less dry, light to mid slightly pinkish-brown, stiff (working plastic), slightly sandy CLAY. Small stones (<6mm) present throughout.
		SPT	N=0	●				(0.20)	No real matrix - perhaps a little sand though this may be from the rotted mortar. More or less dry, loose and collapsed in core tube, mix of cinder/coal (<4mm - common becoming abundant at 0.19-0.27m), brick/tile (<8mm) and mortar (<8mm).
		SPT	N=0	●		39.66		0.27	
		SPT	N=0	●		39.61		0.32	More or less dry, mid brown (slightly reddish in places), crumbly (working soft), clayey SAND. Coal (<10mm) present throughout.
		SPT	N=0	●		39.57		0.36	
		SPT	N=0	●				(0.24)	More or less dry, approximately equal mix of buff, unconsolidated, sand and small lumps (<8mm) of mid to dark grey-brown clayey SAND.
		SPT	N=2	●		39.33		0.60	
		SPT	N=2	●				(0.40)	More or less dry, light brown to light to mid grey-brown, firm (working more or less soft), clayey SAND. Occasional flecks of coal (<3mm) throughout.
		SPT	N=3	●		38.93		1.00	
		SPT	N=2	●				(0.13)	Collapsed and loose in core tube - just moist, mid grey to mid grey-brown, unconsolidated (working soft and somewhat plastic), silty CLAY. Occasional fragments of brick/tile (<70mm) present and modern roots noted at 0.65-0.70m.
		SPT	N=2	●		38.80		1.13	
		SPT	N=3	●				(0.18)	Collapsed and loose in core tube - just moist, mid grey, crumbly (working soft), slightly sandy clayey SILT. Some charcoal and root fragments present.
		SPT	N=2	●		38.62		1.31	
		SPT	N=2	●				(0.19)	Just moist, mid grey, crumbly (working soft), slightly sandy clayey SILT, with some inclusions of light grey-brown crumbly sand at 1.13-1.24m. Roots (at 1.13-1.19m) and charcoal (at 1.17-1.21m) were common with charcoal becoming abundant from 1.21-1.31m. Animal bone fragment (<20mm) at 1.30-1.31m.
		SPT	N=2	●		38.43		1.50	
		SPT	N=2	●				(0.13)	Just moist, dark brown to dark grey-brown, crumbly (working more or less soft), silty very humified amorphous organic PEAT, flecked with buff sand/rotted mortar.
		SPT	N=2	●		38.30		1.63	
		SPT	N=2	●				(0.18)	Just moist, mid to dark, slightly purplish-brown, amorphous organic humified peat. Fragments of moss
		SPT	N=0	●		38.20		1.73	
		SPT	N=2	●				(0.18)	
		SPT	N=2	●		38.02		1.91	
		SPT	N=2	●				(0.18)	
		SPT	N=2	●		37.93		2.00	

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 3.33m bgl. Well headspace concentration 170ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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BOREHOLE LOG

BOREHOLE No
BHP

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
10/09/07

Ground Level:
39.93maOD

Co-ordinates:
E365098 N352374

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
2 of 2

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
3		SPT	N=0	●			(0.67)	'stems and leaves', sedge (Carex) nulets and rootlets. Just moist, dark brown to dark grey-brown, crumbly (working more or less soft), silty very humified amorphous organic PEAT. Moist, dark brown to dark grey-brown, crumbly (working soft), slightly clayey SILT. A little fine charcoal (<6mm) at upper interface. Humified peat collapsed and loose in core tube.		
		SPT	N=0	●		37.26	2.67	Moist, dark grey, crumbly (working soft), clayey SAND, becomes more clay at 2.48-2.67m and works soft and somewhat plastic. <i>(continued)</i> Moist, light brown, unconsolidated, very 'clean' SAND.		
		SPT	N=0	●		36.93	3.00	2.67 - 3.00 Slight sulphide odour. Moist, light grey-brown than light brown, unconsolidated, very 'clean' SAND. Rounded pebbles (<30mm) common to abundant throughout.		
		SPT	N=0	●		36.43	3.50	Wet, mid brown, unconsolidated, very 'clean' SAND. Rounded pebbles (<40mm) common to abundant throughout.		
4		SPT	N=0	●		35.93	4.00	Borehole complete at 4.00m		

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 3.33m bgl. Well headspace concentration 170ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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BOREHOLE LOG

BOREHOLE No
BHQ

Client:
CHESHIRE COUNTY COUNCIL



Project No: 406.0889.00003.005	Date: 10/09/07	Ground Level: 39.22maOD	Co-ordinates: E365196 N352383
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Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
1						x	(0.48)	Collapsed and loose in core tube - just moist (to dry in places), light grey-brown to mid brown, unconsolidated, silty SAND. Abundant stones (<30mm) throughout and modern glass fragment (<25mm) at 0.43-0.45m.	
						x	0.48		
						x	0.54	Just moist, very dark grey to black, compressed (working more or less soft), very ashy, slightly clayey SILT, with some light to mid brown sand on outer surface in places. Cinder/part burnt coal (<20mm) present throughout and occasional pieces of rotted mortar (<8mm).	
						x	(0.46)		
						x	1.00	Just moist, dark grey-brown, firm (working soft), slightly clay sandy silt (more sandy in places) grading into stiff (working more or less plastic) slightly sandy slightly silty CLAY. Small rounded pebbles (<12mm) and occasional pieces of cinder/coal (<8mm) present throughout. Small modern glass fragment (<7mm) at 0.70m.	
		SPT		N=0	●	x	(0.47)	Just moist, dark grey-brown, firm (working soft), slightly clay sandy silt (more sandy in places) grading into stiff (working more or less plastic) slightly sandy slightly clayey SILT.	
						x	1.47		
		SPT		N=0	●	x	1.50	Just moist, dark grey-brown, firm (working soft), slightly clay sandy silt (more sandy in places) grading into stiff (working more or less plastic) slightly sandy slightly clayey SILT. Mortar and crushed brick/tile (<15mm) common to abundant.	
		SPT		N=0	●	x	(0.13)		
		SPT		N=0	●	x	1.63		
2					x	(0.20)	Wet, mid to dark brown to grey-brown, stiff (working soft then more or less plastic), slightly sandy silty CLAY, becomes more sandy with depth and grades into next lowest section. Stones (<30mm) common at 1.53-1.55m and present throughout the rest of this section		
					x	1.83			
		SPT		N=0	●	(0.17)	Wet, mid to dark brown to grey-brown, compacted/firm, slightly clayey slightly		
						?	2.10		

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 1.71m bgl. Well headspace concentration 170ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHQ

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
10/09/07

Ground Level:
39.22maOD

Co-ordinates:
E365196 N352383

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
2 of 2

SAMPLES & TESTS					STRATA								
Depth	Type No	Test Type	Test Result	Preservation				Water	Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	Instrument/Backfill
				1	2	3	4						
3		SPT	N=0	●						x x x x x x	(0.38)	silty SAND. Occasional rounded pebbles (<20mm) throughout. Collapsed and loose in core tube - wet, mid brown, unconsolidated, coarse SAND. No Recovery.	
		SPT	N=0	●				36.74		x	2.48	Moist to wet, light to mid brown to mid grey-brown, compacted (firm but crumbles), slightly silty SAND. Stones (<15mm) present throughout. <i>(continued)</i>	
		SPT	N=0	●				36.34		x	2.88	Moist to wet, light to mid grey-brown, unconsolidated, coarse SAND. Occasional stones (<25mm) present throughout but larger (<70mm) and more frequent at 2.83-2.88m.	
		SPT	N=0	●				36.24		x	2.98	Moist to wet, mid brown, stiff (working soft then plastic), CLAY.	
		SPT	N=0	●				36.22		x	3.00	Moist to wet, light to mid grey-brown, unconsolidated, coarse SAND. Stones (<50mm) present throughout.	
		SPT	N=0	●						x	(0.80)	Core tube broken and only 0.8m metres long - just moist, mid brown, very stiff (working plastic), CLAY. Occasional stone - e.g. small rounded pebble (<12mm) at 3.50-3.51m. 3.00 - 3.03 Slight 'dusting' of light to mid brown sand. 3.21 - 3.24 Pocket of moist, mid brown, unconsolidated, sand.	
								35.42			3.80	Borehole complete at 3.80m	

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	Groundwater present at 1.71m bgl. Well headspace concentration 170ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: Approved By:
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BOREHOLE LOG				BOREHOLE No BHR	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 10/09/07	Ground Level: 39.18maOD	Co-ordinates: E365205 N352362		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 1 of 2	

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
1						○	(0.50)	Largely collapsed in core tube - no real matrix. Slightly moist mix of mortar, brick, stones, cinder and sand, with a particular concentration of brick at 0.44-0.50m.	
			SPT	N=0	●	38.68	○	(0.50)	Just moist, very dark grey, soft (working soft and slightly plastic), ashy, slightly sandy clayey SILT, flecked with occasional light coloured sand grains. Traces of brick/tile (<8mm) and occasional stones (<9mm) throughout, mortar (<30mm) at 0.8m. Flecks of granular black cinder/part burnt coal (<5mm) at 0.95-1.00m.
						38.18	?	1.00	No Recovery.
						38.09	?	1.09	No Recovery.
			SPT	N=0	●	37.82	○	(0.27)	Just moist, very dark grey, soft (working soft and slightly plastic), ashy, slightly sandy clayey SILT, flecked with occasional light coloured sand grains. Occasional clasts (<10mm) of light to mid brown sticky clay.
			SPT	N=0	●	37.62	○	(0.20)	Moist to wet, light brown to light to mid grey-brown, soft, coarse SAND. Rounded pebbles (<25mm) at 1.53-1.56m.
			SPT	N=0	●	37.58	○	1.60	Grades from sediment above (1.36 to 1.56) into sediment below.
			SPT	N=0	●	37.44	○	(0.14)	Moist, light to mid grey, firm (working soft and somewhat plastic) CLAY.
			SPT	N=0	●	37.31	○	(0.13)	Moist, light to mid brown to grey-brown, soft (working more or less plastic) CLAY, with indurated 'granules' of mid brown clay (<2mm).
	2		SPT	N=0	●	37.18	○	(0.13)	Moist to wet, light brown to light to mid grey-brown, soft, coarse SAND. Abundant rounded pebbles (<35mm).
						?		No Recovery.	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BHR	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 10/09/07	Ground Level: 39.18maOD	Co-ordinates: E365205 N352362		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 2 of 2	

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
							(0.50)	No Recovery. (continued)		
					36.68	?	2.50			
		SPT	N=0	●		(Pattern)	(0.50)	Moist (to wet from 2.35 downwards), mid brown to mid grey-brown, stiff (working plastic), CLAY.		
3					36.18		3.00	No Recovery.		
					36.10	?	3.08	Moist, mid brown to mid grey-brown, stiff (working plastic), CLAY.		
		SPT	N=0	●		(Pattern)	(0.92)			
4					35.18		4.00	Borehole complete at 4.00m		

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHS

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
11/09/07

Ground Level:
39.77maOD

Co-ordinates:
E365119 N352343

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
1		SPT	N=0	●		39.61	●	(0.16) 0.16	Just moist, light brown, unconsolidated to soft, very 'clean' SAND.	
		SPT	N=0	●		38.96	○	(0.65) 0.81	No matrix. More or less dry, unconsolidated (collapsed and loose in tube), angular stone (<80mm).	
		SPT	N=0	●		38.77	x	(0.19) 1.00	Just moist, dark grey-brown, crumbly, slightly ashy, slightly silty SAND.	
		SPT	N=0	●		38.49	x	(0.28) 1.28	Poor recovery, with a little collapsed moist, mostly mid to dark grey-brown, unconsolidated, slightly silty SAND.	
		SPT	N=0	●		37.77	x	(0.72) 2.00	Moist, mostly mid to dark grey-brown, unconsolidated, slightly silty SAND, with occasional light brown patches of sand at 1.40m, 1.60m, 1.70m and dark grey sand at 1.53m and 1.74m. Small stones (<8mm) present throughout. Traces of brick/tile (<7mm) from 1.90-2.00m.	
2				●			(0.36)		Moist, mostly mid to dark grey-brown, unconsolidated, slightly silty SAND. Small stones (<8mm) present throughout.	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 3.34m bgl. Well headspace concentration 130ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BHS	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 11/09/07	Ground Level: 39.77maOD	Co-ordinates: E365119 N352343		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 2 of 2	

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
		SPT	N=0			x x x	2.36		
		SPT	N=0	●		x x x	2.44	(0.11)	No matrix. Brick surface - large fragments (<130mm).
		SPT	N=0	●		x x x	2.55		No matrix. Angular stone and conglomerate (<50mm) - looks to be hardcore for overlying brick surface (2.36-2.44m).
		SPT	N=0	●		x x x	2.62		
3		SPT	N=0	●		x x x	(0.66)		Moist, mid to dark to dark grey, unconsolidated SAND. Flecks of rotted charcoal (<6mm) and small stones (<8mm) present throughout. Moist, light brown to light grey-brown, unconsolidated, fairly coarse 'clean' SAND. Possibly deliberately laid 'bedding'.
					↓	x x x	3.28		Moist, light brown to light grey-brown, unconsolidated, fairly coarse 'clean' SAND. Abundant rounded pebbles (<20mm) throughout.
4		SPT	N=0	●		x x x	4.00		
									Borehole complete at 4.00m

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 3.34m bgl. Well headspace concentration 130ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHT

Client:
CHESHIRE COUNTY COUNCIL



Project No: 406.0889.00003.005
Date: 14/09/07
Ground Level: 39.50maOD
Co-ordinates: E365140 N352352

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
						x			Collapsed and loose in core tube - moist, light to mid brown to mid grey-brown, unconsolidated, slightly clayey slightly silty SAND. Rootlets at 0.00-0.24m and 1.24-1.27m, stones (<25mm) present throughout 0.00-1.00 and becoming larger (<60mm) and common from 1.00-1.60m, ?human skull fragment at 0.70m and a ?charred bone fragment (<20mm) at 1.59m. 0.10 - 0.22 Occasional lumps of just moist, pale yellow, slightly stiff (working more or less plastic) clay.	
1		SPT	N=2			x	(1.60)			
						x			Moist, dark brown to very dark grey-brown to black, crumbly to unconsolidated (working soft), slightly sandy clayey SILT. Large ?sandstone inclusion (<80mm) at 1.66-1.73m and brick/tile (<50mm) at 1.68-1.73m. 1.60 - 1.80 Very slight sulphide odour. Collapsed and loose in core tube - moist, light brown to light to mid grey-brown, unconsolidated, fine and coarse SAND (becoming more coarse with increasing depth). Large rounded pebbles (<80mm) abundant at 3.44-3.54m.	
2		SPT	N=0			x	(0.20) 1.80			

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres
Scale 1:13.75
Contractor : Sherwood Drilling
Plant: Geotool
Method: Windowless Sampler
Hole Size:
Logged By:
Approved By:

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BHT	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 14/09/07	Ground Level: 39.50maOD	Co-ordinates: E365140 N352352		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 2 of 2	

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
3		SPT	N=2	● ²	↓			(1.90)	Collapsed and loose in core tube - moist, light brown to light to mid grey-brown, unconsolidated, fine and coarse SAND (becoming more coarse with increasing depth). Large rounded pebbles (<80mm) abundant at 3.44-3.54m. (continued)	
							35.80	3.70		
4		SPT	N=2	● ²			(0.30)	Moist mid brown, very stiff (working plastic) CLAY.		
						35.50	4.00			
								Borehole complete at 4.00m		

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 3.16m bgl. Well headspace concentration 140ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHU

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
14/09/07

Ground Level:
39.43maOD

Co-ordinates:
E365160 N352349

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
1		SPT	N=0	●			(1.00)	Collapsed and loose in core tube - moist, mid brown to mid grey-brown to mid to dark grey, unconsolidated, slightly silty clayey SAND. Stones (<60mm) and fragments of brick/tile (<90mm) present throughout. Animal bone fragment (<55mm) at 0.35m and several fragments of ?human skull (<40mm) at 0.60-0.65m.	
		SPT	N=0	●			(0.50)	Moist (becomes wet at around 1.50), mid to dark grey-brown, slightly sticky (working soft then crumbly), slightly clayey sandy SILT. Occasional stones (<35mm) and pieces of coal (<8mm) throughout. Large ?human skull fragment (<80mm) at 1.00-1.08m.	
		SPT	N=0	●			(0.20)	Wet, mid to dark grey-brown, unconsolidated, slightly clayey sandy SILT. Single large rounded cobble (<70mm).	
		SPT	N=0	●			(0.19)	Moist to wet, mid to dark grey-brown, slightly sticky (working soft then crumbly), slightly clayey, silty SAND, with a small patch of light brown coarse sand at 1.77m. Stones (<15mm) present throughout.	
		SPT	N=1	●			(0.17)	Moist to wet, dark grey-brown, brittle (working soft and slightly plastic), clayey SILT. Trace of ?waterlogged organic detritus and an occasional rounded pebble (<18mm) present.	
		SPT	N=2	●			(0.17)	1.77 - 1.96 Slight sulphide odour.	
		SPT	N=2	●			(0.17)		
2							1.96		
							2.00		

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres
Scale 1:13.75

Contractor : Sherwood Drilling
Plant: Geotool

Method: Windowless Sampler
Hole Size:

Logged By: Approved By:

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BHU	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 14/09/07	Ground Level: 39.43maOD	Co-ordinates: E365160 N352349		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 2 of 2	

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
3		SPT	N=2	● ²	36.43	(0.83)	3.00	No Recovery. Moist to wet, dark grey-brown, brittle (working soft and slightly plastic), clayey SILT. Root at 2.03m. 2.00 - 2.17 Slight sulphide odour. Collapsed and loose in core tube - moist to wet, mid brown, unconsolidated (occasionally slightly sticky), slightly clayey coarse SAND. Rotted wood fragment (<60mm) at 2.17-2.23m, rounded pebbles (<60mm) abundant throughout. <i>(continued)</i>	
								Borehole complete at 3.00m	
4									

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHV

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
14/09/07

Ground Level:
39.39maOD

Co-ordinates:
E365195 N352346

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 3

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
1		SPT	N=3			38.39	(1.00)	Collapsed and loose in core tube - more or less dry, mid to dark brown, unconsolidated, SAND. Rounded stones (<20mm) present throughout and root penetration to 0.40m (with traces at 0.90m).		
		SPT	N=0			37.95	(0.44)	More or less dry, mid to dark brown, unconsolidated, SAND, becoming moist from around 1.40m downwards. Rounded stones (<20mm) present throughout.		
		SPT	N=3			37.88	?	No matrix. Large wood fragment at 45 degrees to horizontal.		
		SPT	N=3			37.69	(0.19)	Moist, mid to dark brown, unconsolidated, slightly clayey SAND. Rounded stones (<20mm) present throughout and two areas with waterlogged wood fragments - several small pieces (<15mm) at 1.51-1.54m and slightly larger fragments (<35mm) at 1.56-1.63m (rather decayed and orange-coloured); also root fragment through a larger wood fragment.		
		SPT	N=3			37.60	1.79			
		SPT	N=0			37.39	(0.21)	Moist, mid grey, crumbly to unconsolidated (working soft), clayey SAND, with some patches of mid orange unconsolidated sand. Large stone (<60mm) at 1.71-1.77m and large (<60mm) horizontal wood fragment at		
2										

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 1.95m bgl. Well headspace concentration 60ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHV

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
14/09/07

Ground Level:
39.39maOD

Co-ordinates:
E365195 N352346

Project:
NANTWICH WATERLOGGED DEPOSITS


Sheet:
2 of 3


SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
		SPT	N=2	● ²				(0.50)	1.75-1.79m. Moist, mid grey-brown, stiff (working soft and somewhat plastic), sandy CLAY. Occasional rounded pebbles (<15mm) present.	
						36.89		2.50	Half void - moist, mid brown, mid grey and mid grey-brown, unconsolidated, slightly clayey SAND (more clay at 2.00-2.15m, works soft and slightly plastic). Rounded pebbles (<70mm) common and an occasional rotted wood fragment (<60mm), e.g. at 2.15-2.20m. <i>(continued)</i>	
3		SPT	N=0	● ⁰				(1.00)	Whole tube marked as 2.50-3.50 but core discontinuous in 2 parts and total deposit length present 0.86 m - both section of core the same just moist, mid brown, very stiff (working plastic), CLAY. upper surface (2.50-2.60m) sandy, very compacted and with inclusions of stones (<30mm).	
						35.89		3.50	Just moist, mid brown, very stiff (working plastic), CLAY. Pieces of contaminant fresh grass on outer surface of core.	
4		SPT	N=0	● ⁰				(1.00)		

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 1.95m bgl. Well headspace concentration 60ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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BOREHOLE LOG				BOREHOLE No BHV	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 14/09/07	Ground Level: 39.39maOD	Co-ordinates: E365195 N352346		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 3 of 3	

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill	
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)		DESCRIPTION
5						34.89		4.50	Borehole complete at 4.50m	
6										

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater present at 1.95m bgl. Well headspace concentration 60ppm.

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By:	Approved By:
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BHW	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 13/09/07	Ground Level: 40.03maOD	Co-ordinates: E365214 N352280		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 1 of 2	

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
1							(1.00)	Collapsed and loose in core tube - moist, mid to dark brown to grey-brown, unconsolidated, SAND. Roots and ?ornamental bark at 0.00-0.15m, modern pot fragment (<30mm) at 0.50m, stones (<15mm) present throughout becoming common from 0.80-1.00m.	
			SPT	N=3	● ³	39.03	(0.36)	Just moist, dark grey-brown, crumbly to unconsolidated (working more or less soft), sandy clayey SILT. Occasional stones and brick/tile fragments (<15mm) present throughout, root at 1.05-1.10m and 1.35m (continuing down to 1.48m), single pot sherd (<30mm) at ~1.20m.	
			SPT	N=3	● ³	38.67	(0.41)	Moist, mid brown, grey and grey-brown, crumbly to unconsolidated, SAND. Root as noted above continues to 1.48m and stones (<15mm) were present at around 1.55m.	
			SPT	N=0	● ⁰	38.26	(0.23)	Moist, light to light to mid brown/orange-brown, crumbly to unconsolidated, SAND - orange colouration from ?iron pan/oxide. Stone (<55mm) present at 1.97-2.00m.	
2						38.03		Collapsed and loose in core tube. Moist, light to light to mid brown/orange-brown, crumbly to unconsolidated, SAND - orange colouration from ?iron pan/oxide.	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BHW	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 13/09/07	Ground Level: 40.03maOD	Co-ordinates: E365214 N352280		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 2 of 2	

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
3		SPT	N=0	●			(0.48)	Collapsed and loose in core tube. Moist, light to light to mid brown/orange-brown, crumbly to unconsolidated, SAND - orange colouration from ?iron pan/oxide. <i>(continued)</i>		
		SPT	N=0	●		37.55	2.48	Small amount of matrix of moist, light to mid slightly blue grey, sticky (working more or less plastic), slightly sandy CLAY - more sandy at 2.58-2.64m and this area more mid grey-brown in colour. Most of core section composed of abundant large stones (<65mm).		
		SPT	N=0	●		37.39	2.64			
						37.03	3.00	Just moist, mid brown, very stiff (working plastic) CLAY.		
Borehole complete at 3.00m										

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: Approved By:
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHX

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
13/09/07

Ground Level:
37.62maOD

Co-ordinates:
E365014 N352321

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
1 of 2

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
							(0.34)	Collapsed and loose in core tube - a little matrix of dry, light to mid grey, unconsolidated CLAY. Mostly loose angular 'hard core' stones (<45mm).		
						37.28	0.34	Just moist, mid to dark brown to dark brown, unconsolidated, silty sand TOPSOIL. Brick/tile (<20mm), mortar (<15mm), modern rootlets and stones (<35mm) present throughout.		
						37.02	0.60	Moist, mid brown, very stiff (working plastic), CLAY, with sandy intrusion at 0.83-0.90m. Stones at 0.83-0.90m, and rootlets at 0.80-0.85m and 0.94m.		
1		SPT	N=2				(0.52)			
						36.50	1.12	Just moist, light brown to mid grey-brown to mid to dark grey, unconsolidated SAND. Stones (<15mm) present throughout.		
		SPT	N=0				(0.30)			
						36.20	1.42	Moist, mid brown, very stiff (working plastic) CLAY. Occasional stones (<10mm) present - particularly at 1.75-1.85m, also a large angular rock (<80mm) inclined at ~45 degrees to horizontal at 1.53-1.59m.		
		SPT	N=0				(0.58)			
2						35.62	2.00	No Recovery.		
							(0.21)			

Boring Progress and Water Observations

Chiselling

Water Added

General Remarks

Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To

All dimensions in metres
Scale 1:13.75

Contractor : Sherwood Drilling
Plant: Geotool

Method: Windowless Sampler
Hole Size:

Logged By:

Approved By:

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHX

Client:
CHESHIRE COUNTY COUNCIL



Project No:
406.0889.00003.005

Date:
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Ground Level:
37.62maOD

Co-ordinates:
E365014 N352321

Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
2 of 2

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
						35.41	[Pattern]	2.21	Moist, mid brown, very stiff (working plastic) CLAY. Occasional fairly large stones present, e.g. rounded pebble (<65mm) at 2.48-2.55m.	[Pattern]
		SPT	N=0	●			(0.63)			
						34.78	[Pattern]	2.84	No Recovery. Single large angular stone (<85mm) penetrates into underlying clay to 2.92m - vertically aligned relative to greatest dimension. Moist, mid brown, very stiff (working plastic) CLAY. Borehole complete at 3.00m	[Pattern]
						34.74	?	2.88		
3		SPT	N=0	●			(0.12)			
						34.62	[Pattern]	3.00		

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres
Scale 1:13.75

Contractor : Sherwood Drilling
Plant: Geotool

Method: Windowless Sampler
Hole Size:

Logged By: _____ Approved By: _____

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BHY	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 13/09/07	Ground Level: 39.90maOD	Co-ordinates: E365057 N352322		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 1 of 2	

SAMPLES & TESTS					Water	STRATA				Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	
1								(0.50)	Collapsed and loose in core tube - conglomerate 'hard core' in lumps (<80 mm) 'cemented' stones and loose light brown dry SAND.	
							39.40	0.50		
								(0.33)	Collapsed and loose in core tube - above but also with large stones (<80mm), SAND component moist and mid brown in colour.	
			SPT	N=0				39.07	0.83	
									(0.17)	Collapsed and loose in core tube - a little matrix of moist, mid to dark brown, unconsolidated SAND. Brick and stone rubble (<60mm), with ?black ash/fine cinder common at 0.83-0.92m.
2							38.90	1.00	No Recovery.	
								(0.80)		
								1.80		
			SPT	N=0					(0.20)	No matrix. Dry shattered brick (<90mm).
								37.90	2.00	
		SPT	N=0					(0.20)	No matrix. 'Plug' of dry brick (<100mm).	
		SPT	N=0					2.06		
		SPT	N=0					2.12	'Plug' of moist mid to dark grey-brown to dark grey, compressed (working crumbly), silty SAND. Crushed brick	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG

BOREHOLE No
BHY

Client:
CHESHIRE COUNTY COUNCIL



Project No: 406.0889.00003.005	Date: 13/09/07	Ground Level: 39.90maOD	Co-ordinates: E365057 N352322
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Project:
NANTWICH WATERLOGGED DEPOSITS

Sheet:
2 of 2

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
3		SPT	N=0	●			(0.63)	(<50mm) and black ash/cinder abundant at upper surface. Moist, light brown to light to mid grey-brown (rather orange from 2.12-2.30m probably from surface contamination from brick above), unconsolidated SAND. <i>(continued)</i>	
		SPT	N=0	●		37.15	2.75	Collapsed and loose in core tube - moist, light brown to light to mid grey-brown, unconsolidated SAND. Abundant rounded pebbles (<50mm) form approximately 90% of the volume of this section.	
		SPT	N=0	●		36.90	3.00	Moist, light brown to light to mid grey-brown, unconsolidated SAND (slightly reddish area (?iron pan/oxide) at 3.38-3.44m). Occasional rounded pebbles (<40mm) present throughout, small 'lens' of pebbles (<25mm) at 3.44-3.50m, rounded pebbles (<25mm) common at interface with layer below (3.71-3.74m).	
		SPT	N=0	●		36.16	3.74	Just moist, mid brown, very stiff (working plastic) CLAY.	
4		SPT	N=0	●		35.90	4.00	Borehole complete at 4.00m	

Boring Progress and Water Observations

Chiselling

Water Added

General Remarks

Date	Time	Depth	Casing		Water Dpt	From	To	Hours	From	To	
			Depth	Dia. mm							

All dimensions in metres
Scale 1:13.75

Contractor : Sherwood Drilling
Plant: Geotool

Method: Windowless Sampler
Hole Size:

Logged By:

Approved By:

Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BHZ	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 13/09/07	Ground Level: 38.46maOD	Co-ordinates: E365079 N352243		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 1 of 2	

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thickness)	
1						○	(0.25)	Collapsed and loose in core tube - a little sand may constitute matrix. Fill consists largely of rounded pebbles (<40mm), with occasional fragments of brick/tile (<15mm) and a little sand - ?ornamental pebble surface? More or less dry grass at 0.25m.	
			SPT	N=0	●	38.21	○	0.25	Just moist, light brown to mid grey (in shades of brown, grey and grey-brown), unconsolidated SAND. Brick/tile fragments (<8mm) at 0.43-0.45m.
						37.76	○	0.70	Just moist, light grey-brown, unconsolidated SAND. Abundant rounded pebbles (<45mm) throughout.
			SPT	N=0	●	37.46	○	1.00	No Recovery.
						36.78	?	(0.68)	
						36.42	○	2.04	Just moist, light grey-brown, unconsolidated SAND, with some mid orange areas of ?iron pan/oxide. Abundant rounded pebbles (<45mm) throughout.
2						○		Moist, mid brown, very stiff (working plastic) CLAY.	

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16

BOREHOLE LOG				BOREHOLE No BHZ	
Client: CHESHIRE COUNTY COUNCIL					
Project No: 406.0889.00003.005	Date: 13/09/07	Ground Level: 38.46maOD	Co-ordinates: E365079 N352243		
Project: NANTWICH WATERLOGGED DEPOSITS				Sheet: 2 of 2	

SAMPLES & TESTS					Water	STRATA			Instrument/ Backfill
Depth	Type No	Test Type	Test Result	Preservation 1 2 3 4		Reduced Level	Legend	Depth (Thick-ness)	
		SPT	N=0	•			(0.94)	Moist, mid brown, very stiff (working plastic) CLAY. <i>(continued)</i>	
3		SPT	N=0	•		35.48 35.46	2.98 3.00	Just moist, light grey-brown, compacted SAND. Rounded pebbles (<20mm) common. Borehole complete at 3.00m	
4									

Boring Progress and Water Observations						Chiselling			Water Added		General Remarks
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	

All dimensions in metres Scale 1:13.75	Contractor : Sherwood Drilling Plant: Geotool	Method: Windowless Sampler Hole Size:	Logged By: _____ Approved By: _____
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Form SLR AGS3 UK BH SPT File 406.0889.00003.005 NANTWICH ARCHAEOLOGICAL LOGS.GPJ 12-04-16