
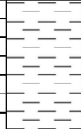
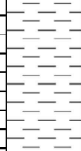
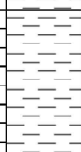
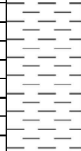
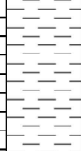




DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft very low strength dark brown sandy organic CLAY with frequent rootlets. TOPSOIL		0.25				0.10		D
Soft to firm low strength brown sandy CLAY. DEVENSIAN TILL		0.60		HVP 0.40 PP 0.40	33 110	0.40		D
Firm high strength orangish brown sandy CLAY. DEVENSIAN TILL		1.05		HVP 0.70 PP 0.70	79 90	0.70		D
Stiff high becoming very high strength dark brown sandy CLAY. DEVENSIAN TILL		1.50		HVP 1.10 PP 1.10	125 110			
<i>...from 1.7m depth, becoming very stiff.</i>		2.10		HVP 1.50 PP 1.50	152 128	1.50		D
		2.40		HVP 2.10 PP 2.10	258 217			
Very stiff very high strength brown slightly silty CLAY. DEVENSIAN TILL		2.80		HVP 2.60 PP 2.60	228 225			
TRIAL PIT TERMINATED AT 2.80m		2.80				2.80		D

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Groundwater observations

No groundwater encountered.

Dimensions (W x L)

0.60m x 2.50m

Date of excavation (range if applicable)

16/02/2016

Appendix

C

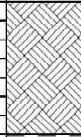
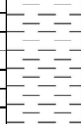
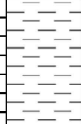
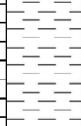
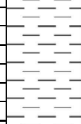
Method of excavation

JCB 3CX

Location plan on drawing number

02b

TP104

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown very sandy organic CLAY. TOPSOIL		0.35				0.10		B
Soft medium strength brown slightly silty slightly sandy CLAY. DEVENSIAN TILL		0.70		HVP 0.50 PP 0.50	52 60	0.50		B
Firm high strength brown slightly silty slightly sandy CLAY. DEVENSIAN TILL		1.80		HVP 0.90 PP 0.90	79 100	0.90		B
<u>...from 1.3m depth, becoming stiff.</u>								
Stiff very high strength brown mottled grey CLAY with occasional gravels of fine to medium sandstone. DEVENSIAN TILL		2.30		HVP 1.40 PP 1.40	99 105			
Stiff brown slightly silty CLAY with occasional cobbles of sandstone. DEVENSIAN TILL		2.30		HVP 2.00 PP 2.00	149 183	2.00		B
<u>...from 2.8m depth, becoming very stiff.</u>						2.20		B
TRIAL PIT TERMINATED AT 3.20m		3.20						

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

16/02/2016

C

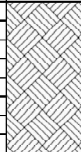
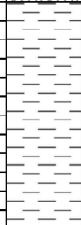
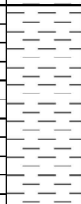
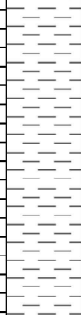
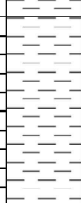
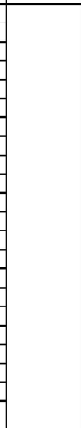
Method of excavation

Location plan on drawing number

JCB 3CX

02b

TP105

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown sandy organic CLAY with frequent rootlets. TOPSOIL						0.10		D
Firm to stiff medium and high strength grey brown slightly silty slightly sandy slightly gravelly CLAY. Gravel consists of medium to coarse sandstone and mudstone. DEVENSIAN TILL		0.40		HVP 0.50 PP 0.50	85 47	0.50		D
Stiff very high strength brown mottled bluish grey CLAY. DEVENSIAN TILL		1.00		HVP 1.20 PP 1.20	167 175	1.10		D
<i>...from 1.5m depth, becoming very stiff and friable.</i>								
				HVP 2.10	167	2.10		D
Stiff high strength brown slightly silty CLAY with occasional gravels of fine mudstone. DEVENSIAN TILL		2.40						
TRIAL PIT TERMINATED AT 2.90m		2.90		HVP 2.90 PP 2.90	122 138	2.90		D

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

16/02/2016

C

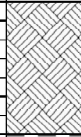
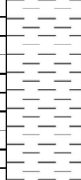
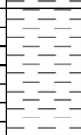
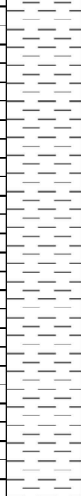
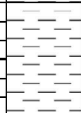

Method of excavation

Location plan on drawing number

TP106

JCB 3CX

02b

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown sandy CLAY with frequent rootlets and occasional gravels of medium sandstone. TOPSOIL						0.10		D
Firm high strength orangish brown slightly sandy slightly gravelly silty CLAY. Gravel consists of fine to medium sandstone. DEVENSIAN TILL		0.35		HVP 0.50 PP 0.50	78 82	0.50		D
Firm high strength dark brown mottled bluish grey CLAY with occasional gravels of medium to coarse sandstone and mudstone. DEVENSIAN TILL		0.85		HVP 0.90 PP 0.90	103 110			
<i>...from 1.2m depth, becoming stiff.</i>								
<i>...boulder of mudstone in southern end of pit at 1.4m depth.</i>								
				HVP 1.40 PP 1.40	116 142	1.40		D
		2.50		HVP 2.60 PP 2.60	125 160			
Stiff high strength brown slightly silty CLAY. DEVENSIAN TILL		2.80						
----- TRIAL PIT TERMINATED AT 2.80m								

Notes: Trial pit sides remained upright and stable upon completion. Infiltration testing performed.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

17/02/2016

C




Method of excavation

Location plan on drawing number

JCB 3CX

02b

TP107

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft medium strength brown sandy gravelly CLAY with frequent rootlets. Gravel consists of medium to coarse brick, timber and sandstone. MADE GROUND		0.20		HVP 0.10	15	0.10		D
PP 0.10				60				
Soft medium strength brown sandy gravelly CLAY. Gravel consists of fine to coarse brick, timber, ceramic, sandstone and occasional half brick. MADE GROUND <i>...cut sandstone blocks up to 0.1x0.4x0.2m in size at 0.3m depth.</i>				HVP 0.50	64	0.50	0.50	B
PP 0.50				98				
<i>...cut sandstone blocks up to 0.2x0.2x0.2m in size at 1.1m depth.</i>								
Firm to stiff high and very high strength reddish brown slightly sandy slightly gravelly CLAY. Gravel consists of medium mudstone. DEVENSIAN TILL		1.20		HVP 1.00	46			
<i>...from 1.6m depth, becoming stiff.</i>				PP 1.00	60			
				HVP 1.40	134			
				HVP 1.90	182			
				HVP 2.40	170			
<i>...from 2.5m depth, becoming very stiff.</i>						1.80	D	
						2.00	D	
				HVP 2.80	134			
----- TRIAL PIT TERMINATED AT 2.80m		2.80						

Notes: Some collapse of trial pit sides between 0.2m and 1.0m depth.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

17/02/2016

C

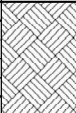
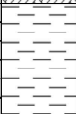
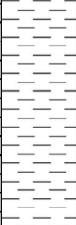
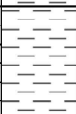
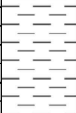
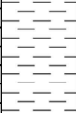

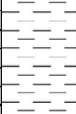
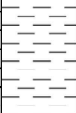
Method of excavation

Location plan on drawing number

JCB 3CX

02b

TP108

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown very sandy organic CLAY with frequent rootlets and occasional roots. TOPSOIL		0.30				0.10		D
Firm medium strength brown mottled grey silty sandy CLAY. DEVENSIAN TILL				HVP 0.40	97	0.50		D
<i>...from 0.6m depth, becoming soft with occasional roots.</i>		1.20		HVP 0.70	46			
				HVP 1.00	59			
firm high strength brown mottled bluish grey CLAY with occasional gravels of medium mudstone and quartzite. DEVENSIAN TILL				HVP 1.30	90	1.30		D
<i>...from 1.5m depth, becoming stiff.</i>		2.20		HVP 1.60	190			
				HVP 2.30	155			
Stiff high and very high strength brown slightly silty CLAY with occasional gravels of medium mudstone. DEVENSIAN TILL		3.30		HVP 3.10	140	1.90		D
								
----- TRIAL PIT TERMINATED AT 3.30m -----								

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

17/02/2016

C

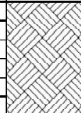
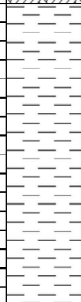
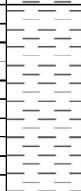
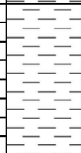
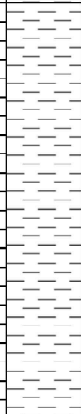
Method of excavation

Location plan on drawing number

TP109

JCB 3CX

02b

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto firm low strength dark brown sandy organic CLAY with frequent rootlets. TOPSOIL		0.30				0.10		D
Firm medium becoming high strength orangish brown slightly sandy silty CLAY. DEVENSIAN TILL				HVP 0.50 PP 0.50	64 48	0.50		D
Stiff medium strength brown mottled bluish grey CLAY. DEVENSIAN TILL		1.10		HVP 0.80 PP 0.80	88 102			D
Stiff high strength brown mottled bluish grey slightly sandy gravelly CLAY. Gravel consists of fine to medium mudstone. DEVENSIAN TILL		1.60		HVP 1.20 PP 1.20	88 70	1.10		D
Very stiff high strength brown occasionally sandy occasionally gravelly CLAY. Gravel consists of medium sandstone and mudstone. DEVENSIAN TILL <i>...from 2m depth, becoming very stiff.</i>		2.00		HVP 1.70 PP 1.70	137 188	1.70		D
		3.10		HVP 2.20	143			D
TRIAL PIT TERMINATED AT 3.10m				HVP 3.10 PP 3.10	149 85	3.00		D

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

17/02/2016

C

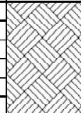
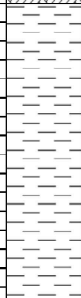
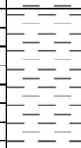
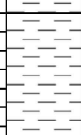
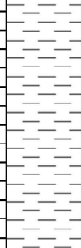
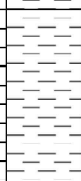
Method of excavation

Location plan on drawing number

TP110

JCB 3CX

02b

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown sandy CLAY with frequent rootlets. TOPSOIL		0.30				0.10		B
Soft to firm medium and high strength orangish brown silty CLAY with occasional gravels and cobbles of medium to coarse sandstone. DEVENSIAN TILL				HVP 0.40 PP 0.40	94 50	0.50		B
Firm to stiff medium strength reddish brown mottled orange slightly gravelly CLAY. Gravel consists of medium sandstone and quartzite. DEVENSIAN TILL		1.10		HVP 0.80 PP 0.80	76 40			
Firm to stiff medium strength reddish brown mottled orange slightly gravelly CLAY. Gravel consists of medium sandstone and quartzite. DEVENSIAN TILL		1.50		HVP 1.20 PP 1.20	79 72	1.30		B
Stiff high and very high strength reddish brown mottled grey CLAY with occasional gravels of fine to medium sandstone and mudstone. DEVENSIAN TILL		2.50		HVP 1.70	149	1.70		B
Stiff high and very high strength reddish brown mottled grey CLAY with occasional gravels of fine to medium sandstone and mudstone. DEVENSIAN TILL		3.00		HVP 2.10	175			
----- TRIAL PIT TERMINATED AT 3.00m -----								

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

17/02/2016

C

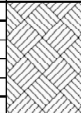

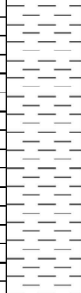
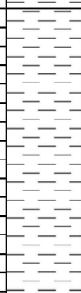
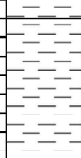
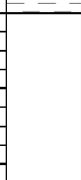


Method of excavation

Location plan on drawing number

JCB 3CX

02b

TP111

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown sandy organic CLAY with occasional gravels of medium sandstone and frequent rootlets. TOPSOIL		0.30				0.10		D
Firm medium strength slightly silty sandy orangish brown CLAY with occasional gravels of sandstone. DEVENSIAN TILL						HVP 0.50	73	0.50
<i>...from 1.1m depth, becoming very sandy.</i>		1.80						
						HVP 1.20	157	
Very stiff very high strength reddish brown mottled grey CLAY with occasional gravels and cobbles of medium to coarse sandstone and mudstone. DEVENSIAN TILL		2.60						
<i>...from 2.2m depth, becoming friable.</i>						HVP 2.00	198	2.00
Stiff very high strength brown slightly silty CLAY. DEVENSIAN TILL		3.00						
TRIAL PIT TERMINATED AT 3.00m						HVP 2.80	198	

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

17/02/2016

C

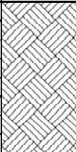
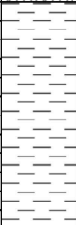
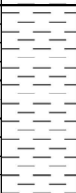

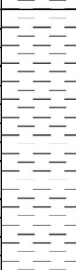
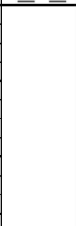

Method of excavation

Location plan on drawing number

TP112

JCB 3CX

02b

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark sandy organic CLAY with frequent rootlets. TOPSOIL						0.10		D
Firm medium strength orangish brown slightly sandy slightly gravelly silty CLAY. Gravel consists of fine to medium mudstone. DEVENSIAN TILL		0.40		HVP 0.50 PP 0.50	64 47	0.60		D
Stiff medium strength becoming high and very high strength reddish brown mottled bluish grey CLAY with occasional gravels of medium quartzite and sandstone. DEVENSIAN TILL		1.00		HVP 1.10 PP 1.10	91 60	1.10		D
<u>...from 1.5m depth, becoming very stiff.</u>				HVP 1.70	175			
		2.50		HVP 2.40	144	2.40		D
Stiff very high strength brown slightly silty CLAY. DEVENSIAN TILL						3.00		D
----- TRIAL PIT TERMINATED AT 3.20m		3.20		HVP 3.20	155			

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Groundwater observations

No groundwater encountered.

Dimensions (W x L)

0.60m x 2.50m

Date of excavation (range if applicable)

17/02/2016

Appendix

C

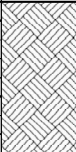
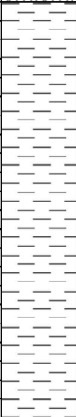
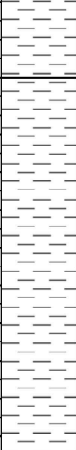
Method of excavation

JCB 3CX

Location plan on drawing number

02b

TP113

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown very sandy organic CLAY with frequent rootlets. TOPSOIL		0.40				0.10		D
Soft becoming firm medium strength orangish brown slightly silty slightly sandy CLAY. DEVENSIAN TILL				HVP 0.50 PP 0.50	65 88	0.50		D
				HVP 0.90 PP 0.90	58 70			
<i>...from 1.5m depth, becoming stiff and friable.</i>				HVP 1.30 PP 1.30	65 68	1.30		D
Firm high strength reddish brown CLAY with occasional gravels of medium mudstone. DEVENSIAN TILL		1.70		HVP 1.70	127	1.70		D
				HVP 2.30	120			
<i>...no longer friable and occasional gravels of mudstone from 2.4m depth.</i>								
TRIAL PIT TERMINATED AT 2.70m		2.70						

Notes: Trial pit sides remained upright and stable upon completion. Infiltration testing performed.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 3.20m

17/02/2016

C

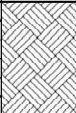
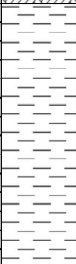
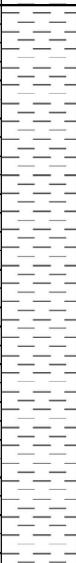
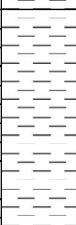
Method of excavation

Location plan on drawing number

TP114

JCB 3CX

02b

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown very sandy organic CLAY with frequent rootlets. TOPSOIL		0.30		HVP 0.40	73	0.10		B
Firm medium becoming high strength brown slightly gravelly silty CLAY with occasional cobbles of sandstone. Gravel consists of medium to coarse sandstone and quartzite. DEVENSIAN TILL						0.50		B
Firm to stiff medium becoming high strength reddish brown mottled bluish grey CLAY with occasional gravels of fine sandstone and mudstone. DEVENSIAN TILL		1.00		HVP 1.20	76	1.10		B
<i>...from 1.6m depth, becoming stiff.</i>				HVP 1.80	119			
Stiff high strength reddish brown CLAY with occasional cobbles of mudstone. DEVENSIAN TILL		2.50		HVP 2.70	140	2.70		B
TRIAL PIT TERMINATED AT 3.10m		3.10						

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

17/02/2016

C

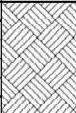
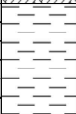
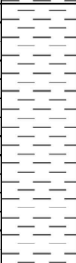
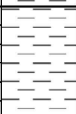
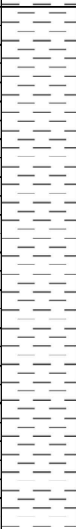

Method of excavation

Location plan on drawing number

JCB 3CX

02b

TP115

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Firm dark brown very sandy CLAY with occasional gravels of fine sandstone and frequent rootlets. TOPSOIL						0.10		D
Firm high strength dark brown gravelly CLAY. Gravel consists of fine to coarse sandstone and mudstone. DEVENSIAN TILL		0.30		HVP 0.40	94	0.40		D
Firm to stiff high strength orangish brown slightly silty CLAY with occasional gravels of medium sandstone. DEVENSIAN TILL		0.60		HVP 0.80	76	0.70		D
Firm medium strength brown mottled bluish grey CLAY. DEVENSIAN TILL		1.30		HVP 1.20	99			
Stiff high becoming very high strength brown mottled bluish grey friable CLAY. DEVENSIAN TILL		1.60		HVP 1.50	67	1.40		D
				HVP 1.80	140			
				HVP 2.60	198			
Stiff high strength reddish brown slightly silty CLAY with occasional gravels of medium mudstone. DEVENSIAN TILL		3.00		HVP 3.00	146			
TRIAL PIT TERMINATED AT 3.10m		3.10						

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

17/02/2016

C


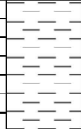
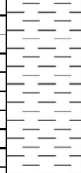

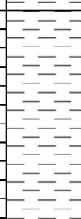
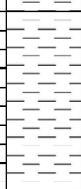
Method of excavation

Location plan on drawing number

TP116

JCB 3CX

02b

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown sandy organic CLAY with frequent rootlets. TOPSOIL		0.25				0.10		D
Firm medium strength orangish brown slightly silty CLAY with occasional gravels of coarse sandstone. DEVENSIAN TILL				HVP 0.40	76	0.50		D
<i>...from 0.6m depth, becoming mottled grey in colour.</i>				HVP 0.80	61			
Firm high strength orange mottled grey CLAY. DEVENSIAN TILL		1.10		HVP 1.20	84	1.20		D
				HVP 1.60	120			
Very stiff very high strength orange mottled grey friable CLAY. DEVONSIAN TILL		1.90		HVP 2.00	169	2.00		D
Stiff very high strength brown slightly silty CLAY with occasional gravels and cobbles of coarse mudstone. DEVENSIAN TILL		2.50						
----- TRIAL PIT TERMINATED AT 3.00m		3.00		HVP 3.00	182			

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

17/02/2016

C





Method of excavation

Location plan on drawing number

JCB 3CX

02b

TP117

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown very sandy organic CLAY with frequent rootlets TOPSOIL						0.10		D
Firm medium strength orangish brown slightly silty slightly sandy CLAY with occasional gravels of medium sandstone. DEVENSIAN TILL		0.20						
Stiff high strength brown mottled bluish grey slightly sandy CLAY with occasional gravels of medium mudstone. DEVENSIAN TILL		0.40		HVP 0.50 PP 0.50	100 90	0.50		D
				HVP 1.00 PP 1.00	109 100	1.10		D
				HVP 1.40	96			
<u>...from 1.6m depth, becoming very stiff and friable.</u>								
				HVP 1.90	119	1.80		D
Very stiff high strength brown slightly silty CLAY with occasional cobbles of sandstone. DEVENSIAN TILL		2.40		HVP 2.40	137			
						2.80		D
----- TRIAL PIT TERMINATED AT 3.00m		3.00						

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

18/02/2016

C

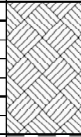
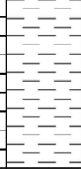
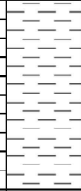
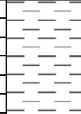
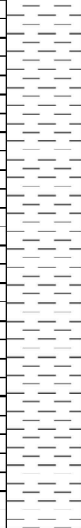
Method of excavation

Location plan on drawing number

JCB 3CX

02b

TP118

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown very sandy organic CLAY with frequent rootlets. TOPSOIL						0.10		D
Firm orangish brown slightly silty slightly sandy CLAY with occasional gravels of medium sandstone. DEVENSIAN TILL		0.35		HVP 0.60	79	0.50		D
Firm high strength greyish brown slightly gravelly CLAY. Gravel consists of medium sandstone. DEVENSIAN TILL		0.80		HVP 0.90	79			D
<i>...boulder sized pockets of sand at south end of pit between 0.8m and 1.0m depth.</i>				HVP 1.10	144	1.00		D
Stiff very high becoming high strength reddish brown mottled grey CLAY with occasional gravels of coarse sandstone. DEVENSIAN TILL		1.30		HVP 1.50	195	1.40		D
				HVP 2.10	175			
				HVP 2.80	109	2.80		D
----- TRIAL PIT TERMINATED AT 3.00m -----		3.00						

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

18/02/2016

C

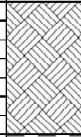
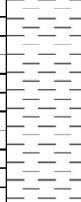
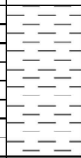
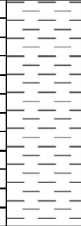
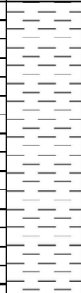
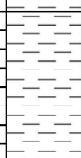
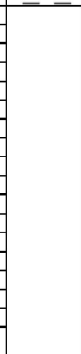
Method of excavation

Location plan on drawing number

TP119

JCB 3CX

02b

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown very sandy organic CLAY with frequent rootlets and occasional gravels of medium sandstone. TOPSOIL						0.10		B
Firm low to medium strength orangish brown slightly sandy CLAY with occasional gravels and cobbles of coarse sandstone. DEVENSIAN TILL <i>...pockets of grey sandy at north end of pit between 0.5m and 0.9m depth.</i>		0.35		HVP 0.40	38	0.50		B
Firm medium strength brown mottled grey sandy CLAY DEVENSIAN TILL		0.90		HVP 1.10	58	1.00		B
Stiff high strength brown mottled grey and bluish grey CLAY. DEVENSIAN TILL		1.30		HVP 1.40	94	1.50		B
Very stiff very high strength brown mottled grey and bluish grey friable CLAY. DEVENSIAN TILL		1.90		HVP 2.20	160			
Stiff high strength brown slightly silty CLAY with occasional gravels of medium mudstone. DEVENSIAN TILL		2.70		HVP 2.90	140			
TRIAL PIT TERMINATED AT 3.10m		3.10				3.10		B

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

Slight seepage in sand between 0.5m and 0.7m depth.

0.60m x 2.50m

18/02/2016

C


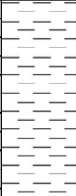
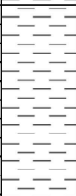
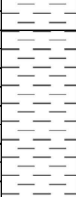
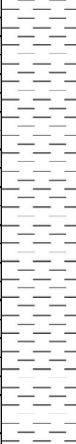
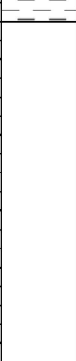
Method of excavation

Location plan on drawing number

JCB 3CX

02b

TP121

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto high strength dark brown very sandy organic CLAY with occasional gravels of medium sandstone and quartzite and frequent rootlets. TOPSOIL		0.25				0.10		D
Firm high strength brown mottled grey slightly silty slightly gravelly sandy CLAY. Gravel consists of medium to coarse sandstone and quartzite. DEVANSIAN TILL		0.80		HVP 0.50 PP 0.50	75 100	0.50		D
Stiff high strength brown mottled bluish grey slightly sandy slightly gravelly CLAY. Gravel consists of sandstone and quartzite. DEVANSIAN TILL		1.40		HVP 0.90 PP 0.90	114 130	0.90		D
Very stiff very high strength brown mottled bluish grey slightly gravelly sandy CLAY. Gravel consists of sandstone and quartzite. DEVANSIAN TILL		1.40		HVP 1.50 PP 1.50	186 193	1.80		D
<i>...from 2.1m depth, becoming slightly silty.</i>				HVP 2.20	170			
TRIAL PIT TERMINATED AT 3.10m		3.10		HVP 3.10	179			

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

18/02/2016

C


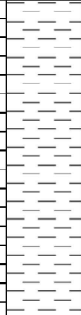
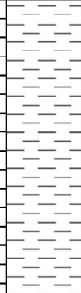
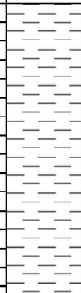
Method of excavation

Location plan on drawing number

JCB 3CX

02b

TP122

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown sandy organic CLAY with frequent rootlets. TOPSOIL		0.25				0.10		D
Firm medium strength orangish brown slightly silty slightly sandy CLAY with occasional gravels of fine to medium sandstone. DEVENSIAN TILL		1.10		HVP 0.50	71	0.50		D
Firm to stiff medium strength orangish brown mottled grey slightly silty CLAY with occasional gravels of medium sandstone and quartzite. DEVENSIAN TILL		1.90		HVP 1.00	61			
				HVP 1.40	56	1.20		D
				HVP 1.70	52			
Stiff very high strength reddish brown mottled bluish grey slightly sandy CLAY with occasional gravels of sandstone and medium quartzite. DEVENSIAN TILL		3.10		HVP 2.10	172	2.10		D
				HVP 2.20	155			
<u>...from 2.6m depth, becoming stiff and friable.</u>				HVP 2.60	179			
----- TRIAL PIT TERMINATED AT 3.10m								

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

18/02/2016

C

Method of excavation

Location plan on drawing number

JCB 3CX

02b

TP123

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft high strength dark brown sandy organic CLAY with frequent rootlets. TOPSOIL		0.30				0.10		D
Firm medium strength orangish brown mottled grey slightly silty slightly sandy CLAY with occasional gravels of medium to coarse sandstone and quartzite. DEVENSIAN TILL				HVP 0.40 PP 0.40	88 75	0.50		D
<u>...boulder of grey mudstone at 1.1m depth..</u>		1.60		HVP 0.80 PP 0.80	73 70	1.10		D
				HVP 1.10 PP 1.10	68 50			
Firm orangish brown mottled grey CLAY with occasional gravels of medium sandstone and mudstone. DEVENSIAN TILL		1.80				1.90		D
Stiff high becoming very high strength brown mottled bluish grey slightly sandy friable CLAY with occasional gravels of medium sandstone. DEVENSIAN TILL				HVP 2.00 PP 2.00	135 155			
<u>...from 2.4m depth, becoming very stiff.</u>		3.00		HVP 2.40 PP 2.40	213 225	2.90		D
				HVP 3.00 PP 3.00	213 225			
----- TRIAL PIT TERMINATED AT 3.00m -----								

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

18/02/2016

C




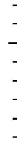



Method of excavation

Location plan on drawing number

JCB 3CX

02b

TP124

DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
				TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft medium strength dark brown slightly gravelly very sandy CLAY. Gravel consists of sandstone, limestone and timber. MADE GROUND				HVP 0.10	67	0.10		D
Soft medium strength reddish brown slightly sandy gravelly CLAY. Gravel consists of fine to coarse brick, sandstone, loose wire and glass. MADE GROUND		0.35		HVP 0.50	58	0.50 0.51		D ES
Firm high strength brown CLAY with occasional gravels of sandstone and occasional rootlets. MADE GROUND		1.00		HVP 1.10	122	1.20		D
Stiff high strength orangish brown slightly silty CLAY. DEVENSIAN TILL		1.40		HVP 1.50	94	1.70		B
<i>...from 1.8m depth, becoming very stiff.</i>				HVP 1.90	141			
Stiff very high strength reddish brown mottled grey occasionally sandy CLAY with occasional gravels of medium sandstone. DEVENSIAN TILL		2.20		HVP 2.40	190			
TRIAL PIT TERMINATED AT 3.10m		3.10		HVP 3.10	198	3.10		B

Notes: Trial pit sides remained upright and stable upon completion.

Ground level (mAOD)

Co-ordinates

Title

Surface breaking

Trial pit record

No

Groundwater observations

Dimensions (W x L)

Date of excavation (range if applicable)

Appendix

No groundwater encountered.

0.60m x 2.50m

18/02/2016

C

Method of excavation

Location plan on drawing number




















TP125

JCB 3CX

02b

Key to legends

Composite materials, soils and lithology

	Topsoil		Made Ground		Boulders
	Chalk		Clay		Coal
	Cobbles		Cobbles & Boulders		Concrete
	Gravel		Limestone		Mudstone
	Peat		Sand		Sand and Gravel
	Sandstone		Silt		Silt / Clay
					Siltstone

Note: Composite soil types are signified by combined symbols.


Key to 'test results' and 'sampling' columns

Test result		Sampling	
Depth	Records depth that the test was carried out (i.e.: at 2.10m or between 2.10m and 2.55m)	From (m) To (m)	Records depth of sampling
Result	PID - Photo Ionisation Detector result (ppm equivalent Isobutylene)	Type	D Disturbed sample
	PP - Pocket penetrometer result (kN/m ²)		B Bulk disturbed sample
	HVP - Hand held shear vane result (kN/m ²) PP result converted to an equivalent undrained shear strength by applying a factor of 50. Where at least 3 results obtained at same depth then an average value may be reported.		ES Environmental sample comprising plastic and/or glass container
SPT - Standard Penetration Test result (uncorrected) SPT(c) - Standard Penetration Test result (solid cone) (uncorrected)		W Water sample	U (32) Undisturbed sample 100mm diameter sampler with number of blows of driving equipment required to obtain sample

Water observations

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

 = water level observed after specified delay in drilling

 = water strike

Standpipe details

 Gravel filter

 Arisings


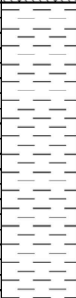
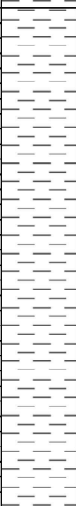
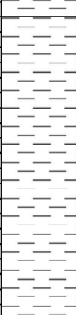
 Bentonite

 Slotted pipe

 Unslotted pipe

Density

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

WELL	DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
					TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto soft dark brown organic CLAY with frequent rootlets and occasional sub-angular gravels of medium sandstone. TOPSOIL		0.30				0.10		D
	Firm high strength brown slightly silty slightly sandy CLAY with occasional gravels of medium sandstone. DEVENSIAN TILL		1.30		PP 0.50	80	0.50		D
	Stiff very high becoming high strength brown slightly gravelly CLAY. Gravel consists of medium to coarse sandstone and mudstone. DEVENSIAN TILL		1.30		HVP 1.40 PP 1.40	140 165	1.50		D
	<i>...from 1.6m depth, becoming very stiff.</i>				HVP 1.80 PP 1.80	213 220			
					HVP 2.35 PP 2.35	94 113			
					PP 2.70	120	2.70		D
	Firm medium strength light reddish brown CLAY with occasional gravels of medium mudstone. DEVENSIAN TILL		3.00		PP 3.10	73			
					PP 3.50	75			
					HVP 3.70	64			
					PP 3.90	63	3.80		D
	BOREHOLE TERMINATED AT 4.00m		4.00						

Notes: For Dynamic Cone Penetration testing, refer to DCP101.

Ground level (mAOD)

Co-ordinates

Title

Driven tube sampler borehole record

Surface breaking

No

Groundwater observations

No groundwater encountered.

Date of excavation (range if applicable)

16/02/2016
















Appendix

D

Location plan on drawing number

02b

DTS101

WELL	DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
					TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto soft dark brown sandy organic CLAY with frequent rootlets. TOPSOIL								
	Firm medium strength orangish brown slightly sandy silty CLAY DEVENSIAN TILL		0.25				0.20		D
	<i>...from 0.5m depth, becoming soft.</i>						0.40		D
	Firm brown slightly sandy slightly gravelly CLAY. Gravel consists of medium to coarse sandstone and mudstone. DEVENSIAN TILL		0.80		HVP 0.60	77			
	Stiff high strength brown CLAY. DEVENSIAN TILL		1.30		PP 1.35	137			
					HVP 1.50	128	1.40		D
					PP 1.70	113			
					PP 2.10	123			
					PP 2.50	97			
	Soft to firm medium strength reddish brown slightly silty CLAY. DEVENSIAN TILL		2.60		HVP 2.80	65			
					PP 2.80	48			
					PP 3.20	62			
					PP 3.60	52	3.50		D
					PP 4.00	38			
	BOREHOLE TERMINATED AT 4.00m		4.00						

Notes: For Dynamic Cone Penetration testing, refer to DCP102.

Ground level (mAOD)

Co-ordinates

Title

Driven tube sampler borehole record

Surface breaking

No

Groundwater observations

No groundwater encountered.

Date of excavation (range if applicable)

16/02/2016


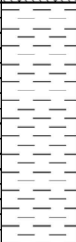
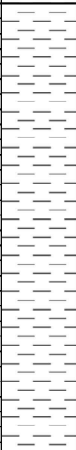
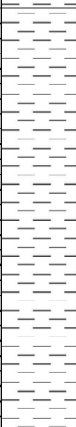
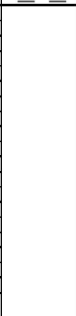
Appendix

D

Location plan on drawing number

02b

DTS102

WELL	DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING			
					TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE	
	Grass onto soft dark brown slightly sandy slightly gravelly organic CLAY with frequent rootlets. Gravel consists of medium mudstone. TOPSOIL							0.10		D
	Firm medium and high strength brown slightly gravelly CLAY. Gravel consists of medium sandstone and mudstone. DEVENSIAN TILL <i>...cobble of sandstone at 0.4m depth.</i>		0.30		PP 0.40	85				
					HVP 0.60	63		0.70		D
					PP 0.80	55				
	Firm medium strength orangish brown silty CLAY. DEVENSIAN TILL		1.10		PP 1.20	72				
					HVP 1.40	94				
					PP 1.60	68		1.50		D
	<i>...from 2m depth, becoming dark brown mottled bluish grey in colour.</i>				PP 2.10	63				
					HVP 2.50	56				
	Stiff high strength reddish brown slightly silty CLAY. DEVENSIAN TILL		2.60		PP 2.50	48				
					PP 2.80	112				
					HVP 2.90	122				
					PP 3.20	185		3.00		D
					HVP 3.30	119				
					PP 3.60	158				
					PP 3.90	115				
	BOREHOLE TERMINATED AT 4.00m		4.00							

Notes:

Ground level (mAOD)

Co-ordinates

Title

Driven tube sampler borehole record

Surface breaking

No

Groundwater observations

No groundwater encountered.

Date of excavation (range if applicable)

16/02/2016


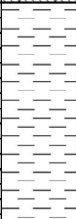
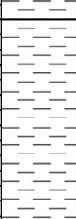
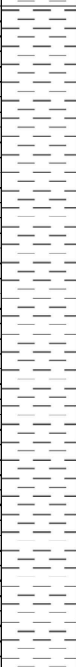
Appendix

D

Location plan on drawing number

02b

DTS103

WELL	DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING			
					TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE	
	Grass onto soft dark brown sandy organic CLAY with occasional gravels of fine sandstone and frequent rootlets. TOPSOIL		0.30					0.20		D
	Firm medium becoming high strength orangish brown silty CLAY. DEVENSIAN TILL				PP 0.40	45		0.70		D
					HVP 0.80	87				
					PP 0.80	92				
	Stiff high strength brown mottled bluish grey occasionally sandy friable CLAY. DEVENSIAN TILL		1.10		PP 1.20	75		1.40		D
					HVP 1.50	213				
					PP 1.60	137				
	Very stiff very high strength becoming medium strength at 4.0m depth reddish brown slightly silty CLAY. DEVENSIAN TILL		1.80		PP 2.00	200				
					PP 2.40	197				
					PP 2.80	192				
					HVP 2.90	106		3.00		D
					PP 3.20	188				
					PP 3.60	143				
					PP 4.00	67				
	----- BOREHOLE TERMINATED AT 4.00m		4.00							

Notes:

Ground level (mAOD)

Co-ordinates

Title

Driven tube sampler borehole record

Surface breaking

No

Groundwater observations

No groundwater encountered.

Date of excavation (range if applicable)

16/02/2016


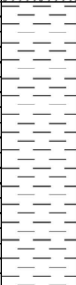
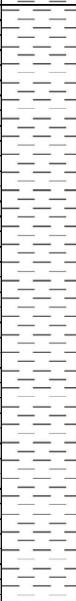
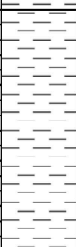
Appendix

D

Location plan on drawing number

02b

DTS104

WELL	DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
					TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto soft dark brown slightly sandy organic CLAY with frequent rootlets. TOPSOIL		0.25				0.15		D
	Firm medium and high strength orangish brown slightly silty slightly sandy CLAY. DEVENSIAN TILL				PP 0.30	83			
					PP 0.70	63	0.70		D
					PP 1.10	77			
	Stiff very high becoming high strength brown mottled bluish grey slightly sandy CLAY. DEVENSIAN TILL		1.20		PP 1.40	192	1.40		D
					PP 1.80	220			
					PP 2.20	177			
					PP 2.60	157			
					PP 3.00	93	3.00		D
	Stiff high strength reddish brown slightly silty CLAY with occasional gravels of coarse sandstone. DEVENSIAN TILL		3.20		PP 3.40	107			
					PP 3.80	77			
	BOREHOLE TERMINATED AT 4.00m		4.00						

Notes:

Ground level (mAOD)

Co-ordinates

Title

Driven tube sampler borehole record

Surface breaking

No

Groundwater observations

No groundwater encountered.

Date of excavation (range if applicable)

16/02/2016


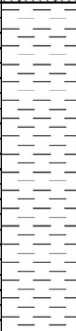

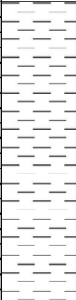
Appendix

D

Location plan on drawing number

02b

DTS105

WELL	DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
					TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto soft dark brown slightly sandy organic CLAY with frequent rootlets. TOPSOIL		0.30				0.10		D
	Firm to stiff medium and high strength orangish brown mottled dark brown slightly silty CLAY. DEVENSIAN TILL				PP 0.40	80			
					HVP 0.60	101			
					HVP 0.80	213	0.80		D
					PP 0.80	60			
					PP 1.20	70			
	Stiff very high strength brown mottled bluish grey CLAY. DEVENSIAN TILL		1.40		PP 1.60	180			
	<i>...from 1.8m depth, becoming very stiff.</i>						1.80		D
					PP 2.00	217			
	<i>...from 2.3m depth, becoming slightly gravelly with medium to coarse gravels of sandstone.</i>				PP 2.40	200			
					PP 2.80	170			
	Stiff high and very high strength reddish brown slightly silty CLAY. DEVENSIAN TILL		3.00		PP 3.20	138	3.20		D
					HVP 3.50	149			
					PP 3.60	170			
					PP 4.00	123			
	BOREHOLE TERMINATED AT 4.00m		4.00						

Notes: For Dynamic Cone Penetration testing, refer to DCP103.

Ground level (mAOD)

Co-ordinates

Title

Driven tube sampler borehole record

Surface breaking

No

Groundwater observations

No groundwater encountered.

Date of excavation (range if applicable)

16/02/2016


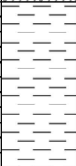
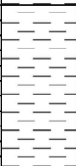

Appendix

D

Location plan on drawing number

02b

DTS106

WELL	DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
					TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto soft dark brown sandy organic CLAY with frequent rootlets. TOPSOIL		0.25				0.20		D
	Soft medium strength orangish brown silty CLAY. DEVENSIAN TILL					PP 0.30	42		
	PP 0.70					42	0.70		D
	PP 1.00					85			
	PP 1.20					47			
	Stiff very high strength brown friable CLAY. DEVENSIAN TILL		1.40						
							1.70		D
						PP 2.00			
						PP 2.40	212	2.50	D
						PP 2.80	192		
						PP 3.20	175		
						PP 3.60	100		
	Firm medium strength brown CLAY. DEVENSIAN TILL		3.80						
							3.90		D
						PP 4.00	75		
	BOREHOLE TERMINATED AT 4.00m		4.00						

Notes:

Ground level (mAOD)

Co-ordinates

Title

Driven tube sampler borehole record

Surface breaking

No

Groundwater observations

No groundwater encountered.

Date of excavation (range if applicable)

16/02/2016


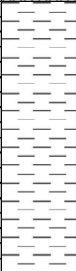
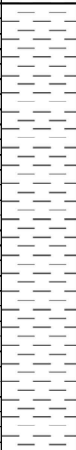
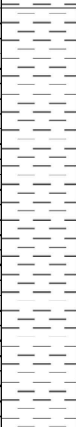
Appendix

D

Location plan on drawing number

02b

DTS107

WELL	DESCRIPTION	LEGEND	DEPTH (m)	WATER STRIKE	TEST RESULTS		SAMPLING		
					TYPE/DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto soft dark brown sandy organic CLAY with frequent rootlets. TOPSOIL		0.20				0.10		D
	Firm low becoming medium strength orangish brown slightly silty CLAY. DEVENSIAN TILL				PP 0.30	37			
					PP 0.70	63	0.70		D
			1.10		PP 1.00	138			
	Stiff medium and high strength brown mottled grey slightly gravelly friable CLAY. Gravel consists of medium mudstone. DEVENSIAN TILL				PP 1.30	120			
					PP 1.70	72	1.70		D
					PP 2.10	107			
			2.60		PP 2.50	97			
	Firm medium strength reddish brown slightly silty CLAY. DEVENSIAN TILL				PP 2.80	55			
					PP 3.20	38	3.00		D
					PP 3.60	47			
			4.00		PP 4.00	58			
	BOREHOLE TERMINATED AT 4.00m								

Notes:

Ground level (mAOD)

Co-ordinates

Title

Driven tube sampler borehole record

Surface breaking

No

Groundwater observations

No groundwater encountered.

Date of excavation (range if applicable)

16/02/2016

Appendix

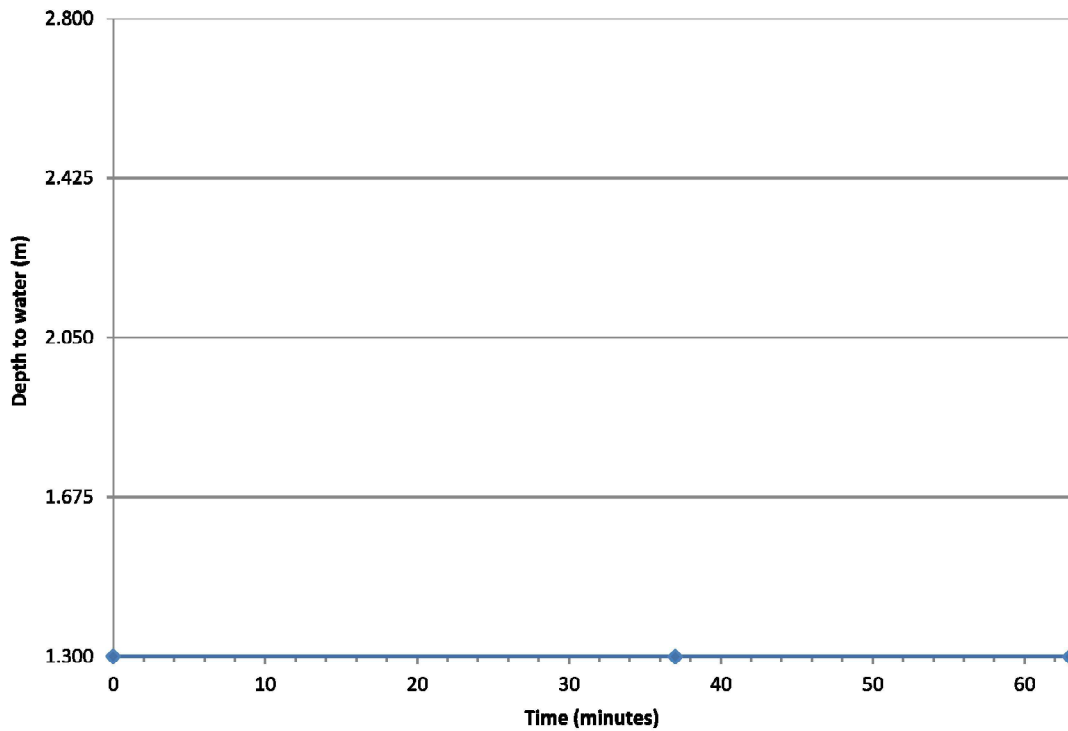
D

Location plan on drawing number

02b

DTS108

Plot showing time against depth to water:



Test observations:

TIME (mins)	DEPTH TO WATER (m)	TIME (mins)	DEPTH TO WATER (m)
0	1.3		
37	1.3		
63	1.3		

Calculations:

No movement in water level over 63 minutes of monitoring therefore unable to calculate soil infiltration rate.

Groundwater observations

No groundwater encountered.

Trial pit dimensions (width x length)

0.6m x 2.5m

Depth of trial pit at start of test (m)

2.8

Ground level

N/A

Co-ordinates

-

Title

Soil infiltration test (following principles of the Building Research Establishment Digest 365 2007)

Location plan on drawing number

02

Trial pit number

TP107

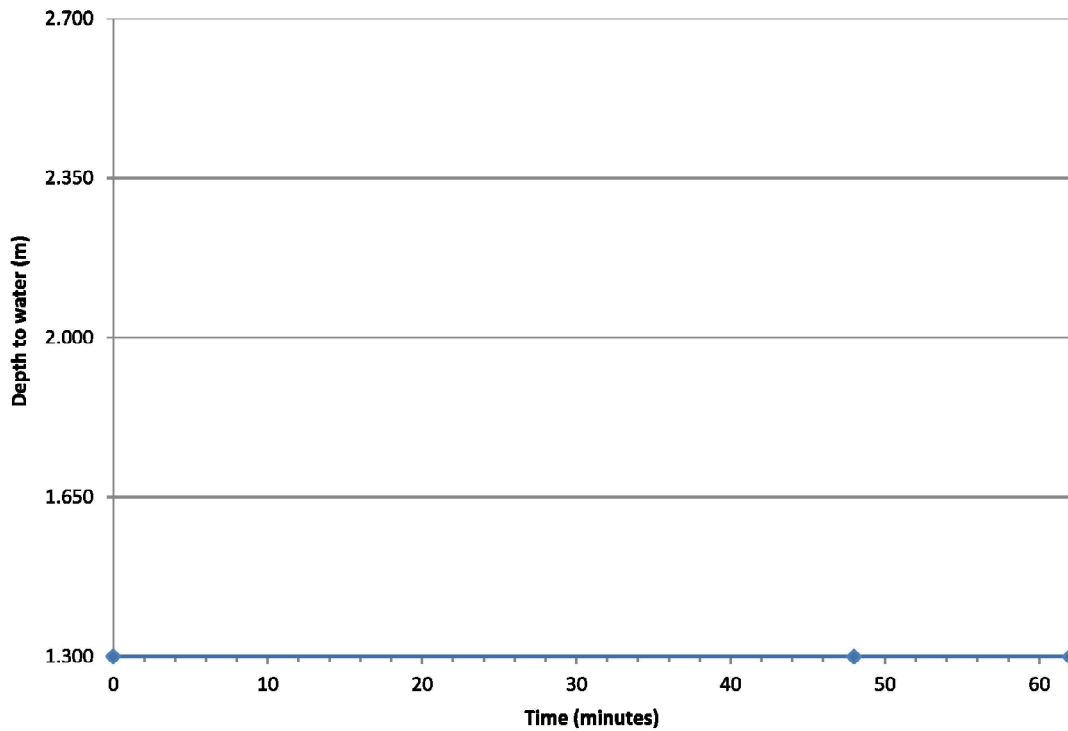
Cycle number

1

Date of excavation

17/02/2016

Plot showing time against depth to water:



Test observations:

TIME (mins)	DEPTH TO WATER (m)	TIME (mins)	DEPTH TO WATER (m)
0	1.3		
48	1.3		
62	1.3		

Calculations:

No movement in water level over 62 minutes of monitoring therefore unable to calculate soil infiltration rate.

Groundwater observations

No groundwater encountered.

Trial pit dimensions (width x length)

0.6m x 3.2m

Depth of trial pit at start of test (m)

2.7

Ground level

N/A

Co-ordinates

-

Title

Soil infiltration test (following principles of the Building Research Establishment Digest 365 2007)

Location plan on drawing number

02

Trial pit number

TP114

Cycle number

1

Date of excavation

17/02/2016

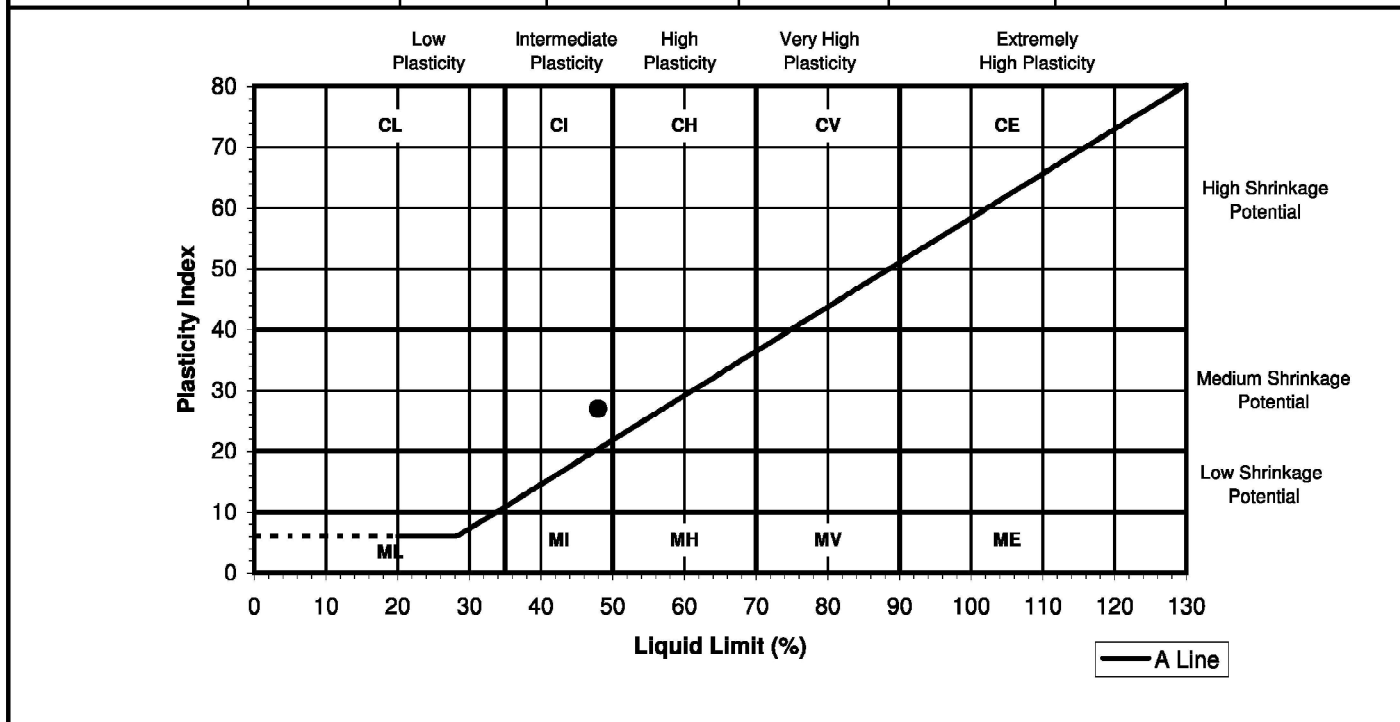
Determination of Moisture Content and Atterberg Limits

Client:	Soiltechnics Limited	Report No:	51021428/16/09
Client Address:	Cedar Barn, White Lodge Walgrave	Batch Number:	DAM0059571
Postcode:	NN6 9PY	Client Reference:	STN3505NM
Contact:	Andy Keeler	Sampled by:	Client
		Date Sampled:	16.02.16
		Date Received:	21.03.16
Site:	Chipping Lane, Longbridge	Tested From:	23.03.16-24.03.16
		Sample Type:	Disturbed

Test Results:

Description: Brown CLAY with Silt

Laboratory Reference	Location	Depth (m)	As Received Moisture Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	% Passing 425µm
45274323	TP102	0.60	N/A	48	21	27	100



Sample Preparation: As Received, Coarse particles removed by hand prior to test
 Estimated % passing 425µm BS Test Sieve

Certified that the laboratory testing was carried out in accordance with BS 1377-2: 1990: Method 3.2, 4.4 and 5

Page: 1 of 1
 Date: 04.04.16

Signed

[] M. Carr - Section Manager
 [✓] D. Berrill - Laboratory Manager

For and on behalf of Environmental Scientifics Group

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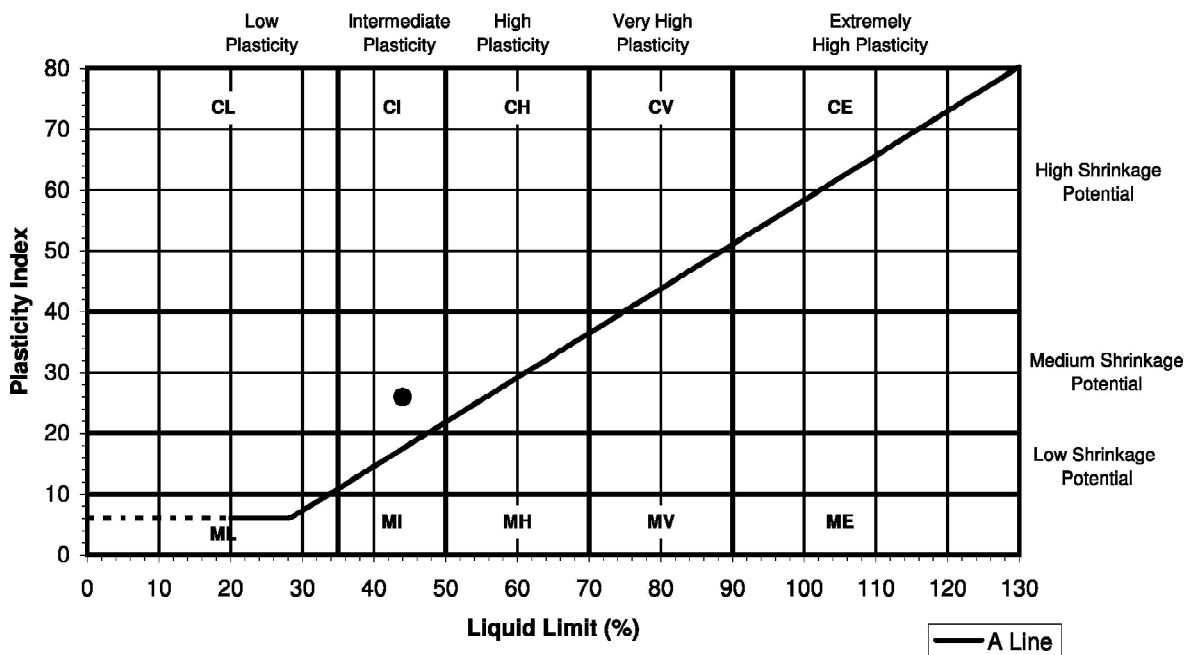
Determination of Moisture Content and Atterberg Limits

Client:	Soiltechnics Limited	Report No:	51021428/16/10
Client Address:	Cedar Barn, White Lodge Walgrave	Batch Number:	DAM0059571
Postcode:	NN6 9PY	Client Reference:	STN3505NM
Contact:	Andy Keeler	Sampled by:	Client
		Date Sampled:	16.02.16
		Date Received:	21.03.16
Site:	Chipping Lane, Longbridge	Tested From:	23.03.16-24.03.16
		Sample Type:	Disturbed

Test Results:

Description: Brown CLAY

Laboratory Reference	Location	Depth (m)	As Received Moisture Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	% Passing 425µm
45274324	TP106	2.10	N/A	44	18	26	100



Sample Preparation: As Received, Coarse particles removed by hand prior to test
 Estimated % passing 425µm BS Test Sieve

Certified that the laboratory testing was carried out in accordance with BS 1377-2: 1990: Method 3.2, 4.4 and 5

Page: 1 of 1
 Date: 04.04.16

Signed _____



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 [✓] D. Berrill - Laboratory Manager

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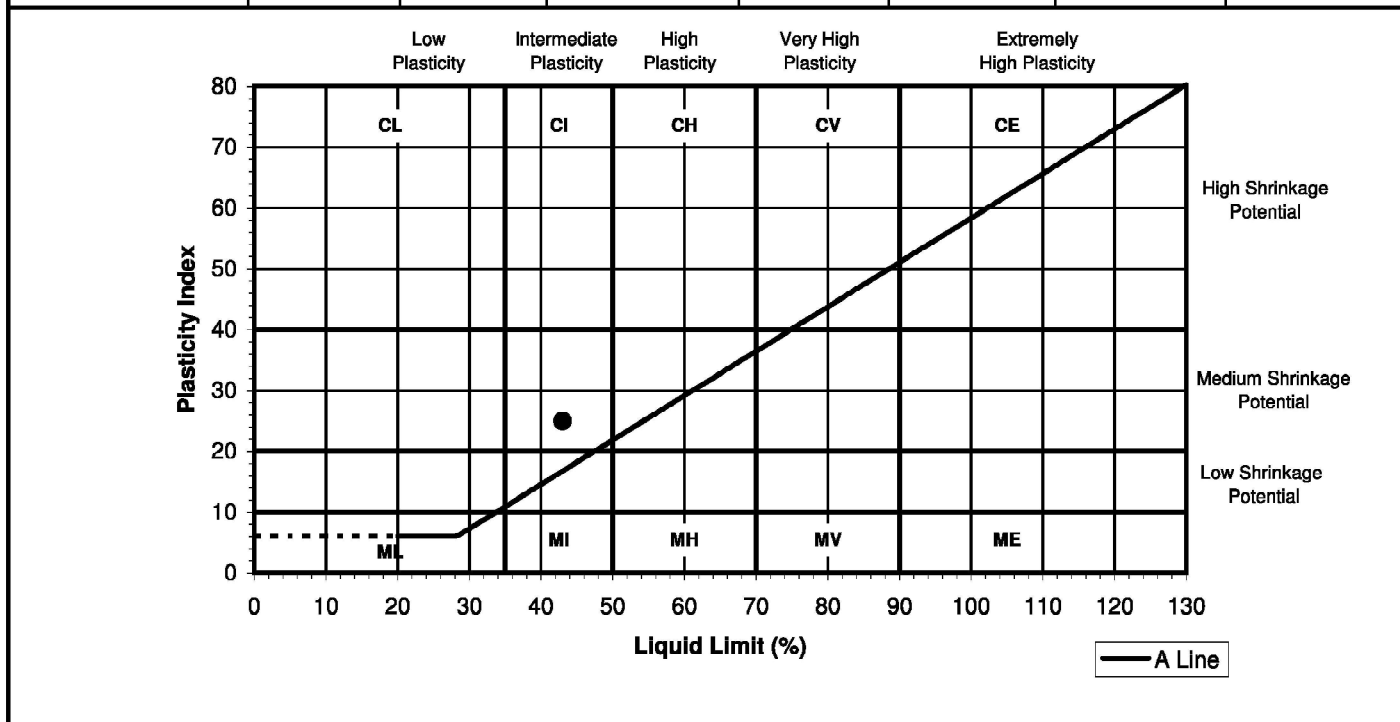
Determination of Moisture Content and Atterberg Limits

Client:	Soiltechnics Limited	Report No:	51021428/16/11
Client Address:	Cedar Barn, White Lodge Walgrave	Batch Number:	DAM0059571
Postcode:	NN6 9PY	Client Reference:	STN3505NM
Contact:	Andy Keeler	Sampled by:	Client
		Date Sampled:	16.02.16
		Date Received:	21.03.16
Site:	Chipping Lane, Longbridge	Tested From:	23.03.16-24.03.16
		Sample Type:	Disturbed

Test Results:

Description: Brown CLAY with Silt

Laboratory Reference	Location	Depth (m)	As Received Moisture Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	% Passing 425µm
45274325	TP107	0.50	N/A	43	18	25	100



Sample Preparation: As Received, Coarse particles removed by hand prior to test
 Estimated % passing 425µm BS Test Sieve

Certified that the laboratory testing was carried out in accordance with BS 1377-2: 1990: Method 3.2, 4.4 and 5

Page: 1 of 1
 Date: 04.04.16

Signed _____ [] M. Carr - Section Manager
 [✓] D. Berrill - Laboratory Manager

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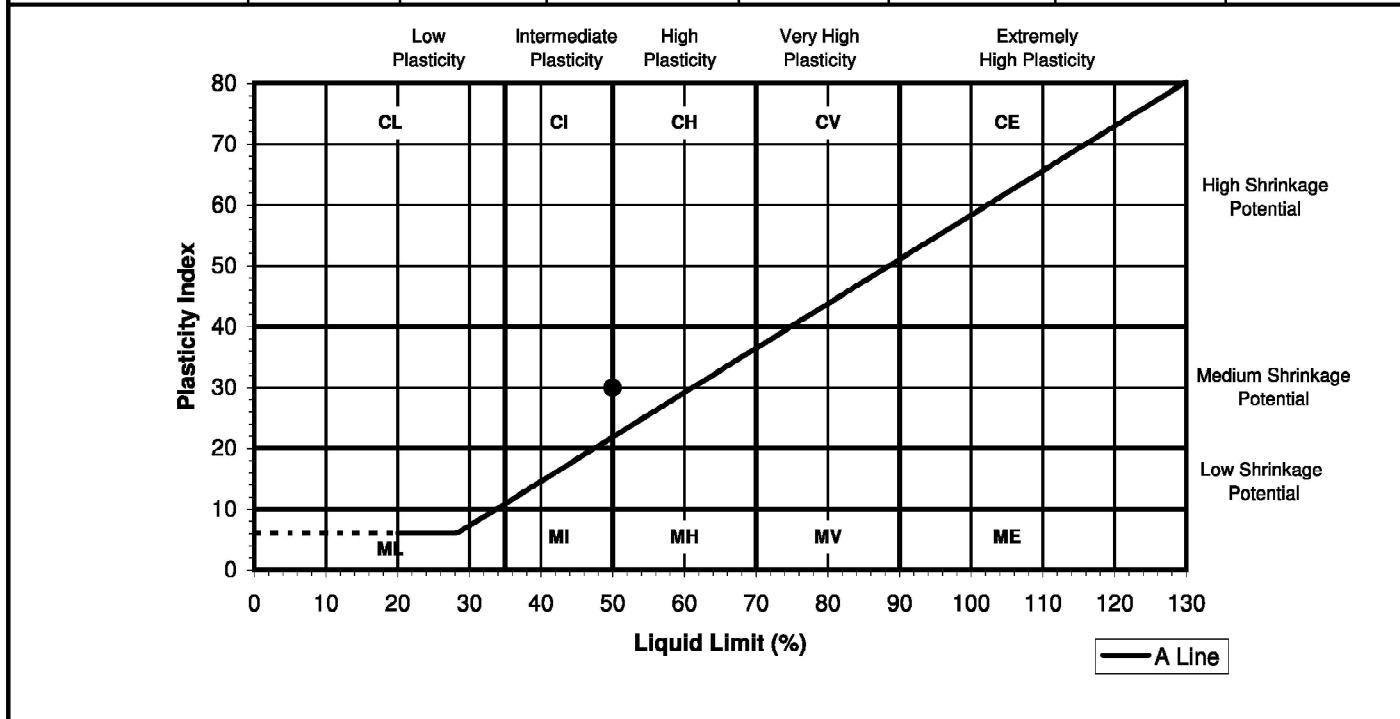
Determination of Moisture Content and Atterberg Limits

Client:	Soiltechnics Limited	Report No:	51021428/16/12
Client Address:	Cedar Barn, White Lodge Walgrave	Batch Number:	DAM0059571
Postcode:	NN6 9PY	Client Reference:	STN3505NM
Contact:	Andy Keeler	Sampled by:	Client
		Date Sampled:	16.02.16
		Date Received:	21.03.16
Site:	Chipping Lane, Longbridge	Tested From:	23.03.16-24.03.16
		Sample Type:	Disturbed

Test Results:

Description: Brown CLAY

Laboratory Reference	Location	Depth (m)	As Received Moisture Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	% Passing 425µm
45274326	TP109	1.30	N/A	50	20	30	100



Sample Preparation: As Received, Coarse particles removed by hand prior to test
 Estimated % passing 425µm BS Test Sieve

Certified that the laboratory testing was carried out in accordance with BS 1377-2: 1990: Method 3.2, 4.4 and 5

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Signed

[Redacted Signature]

[] M. Carr - Section Manager
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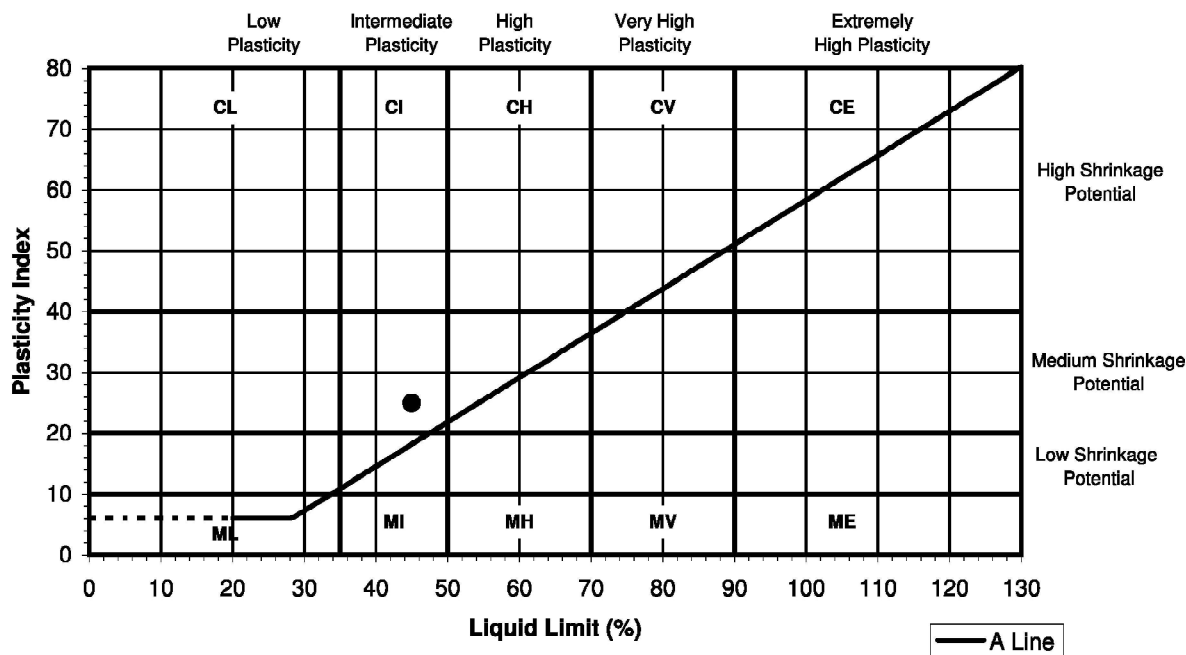
Determination of Moisture Content and Atterberg Limits

Client:	Soiltechnics Limited	Report No:	51021428/16/13
Client Address:	Cedar Barn, White Lodge Walgrave	Batch Number:	DAM0059571
Postcode:	NN6 9PY	Client Reference:	STN3505NM
Contact:	Andy Keeler	Sampled by:	Client
		Date Sampled:	16.02.16
		Date Received:	21.03.16
Site:	Chipping Lane, Longbridge	Tested From:	23.03.16-24.03.16
		Sample Type:	Disturbed

Test Results:

Description: Brown CLAY

Laboratory Reference	Location	Depth (m)	As Received Moisture Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	% Passing 425µm
45274327	TP113	1.10	N/A	45	20	25	100



Sample Preparation: As Received, Coarse particles removed by hand prior to test
 Estimated % passing 425µm BS Test Sieve

Certified that the laboratory testing was carried out in accordance with BS 1377-2: 1990: Method 3.2, 4.4 and 5

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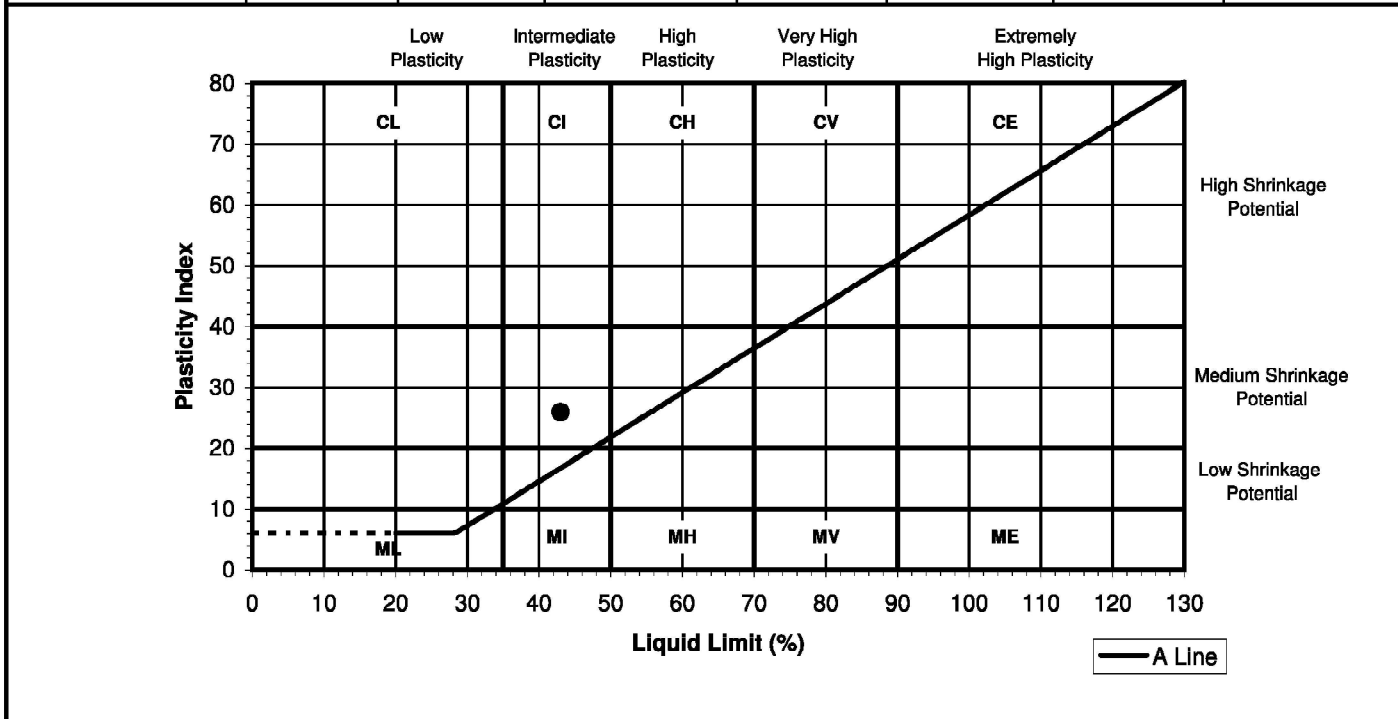
Determination of Moisture Content and Atterberg Limits

Client:	Soiltechnics Limited	Report No:	51021428/16/14
Client Address:	Cedar Barn, White Lodge Walgrave	Batch Number:	DAM0059571
Postcode:	NN6 9PY	Client Reference:	STN3505NM
Contact:	Andy Keeler	Sampled by:	Client
		Date Sampled:	16.02.16
		Date Received:	21.03.16
Site:	Chipping Lane, Longbridge	Tested From:	23.03.16-24.03.16
		Sample Type:	Disturbed

Test Results:

Description: Brown CLAY

Laboratory Reference	Location	Depth (m)	As Received Moisture Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	% Passing 425µm
45274328	TP119	1.40	N/A	43	17	26	100

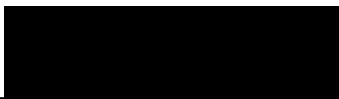


Sample Preparation: As Received, Coarse particles removed by hand prior to test
 Estimated % passing 425µm BS Test Sieve

Certified that the laboratory testing was carried out in accordance with BS 1377-2: 1990: Method 3.2, 4.4 and 5

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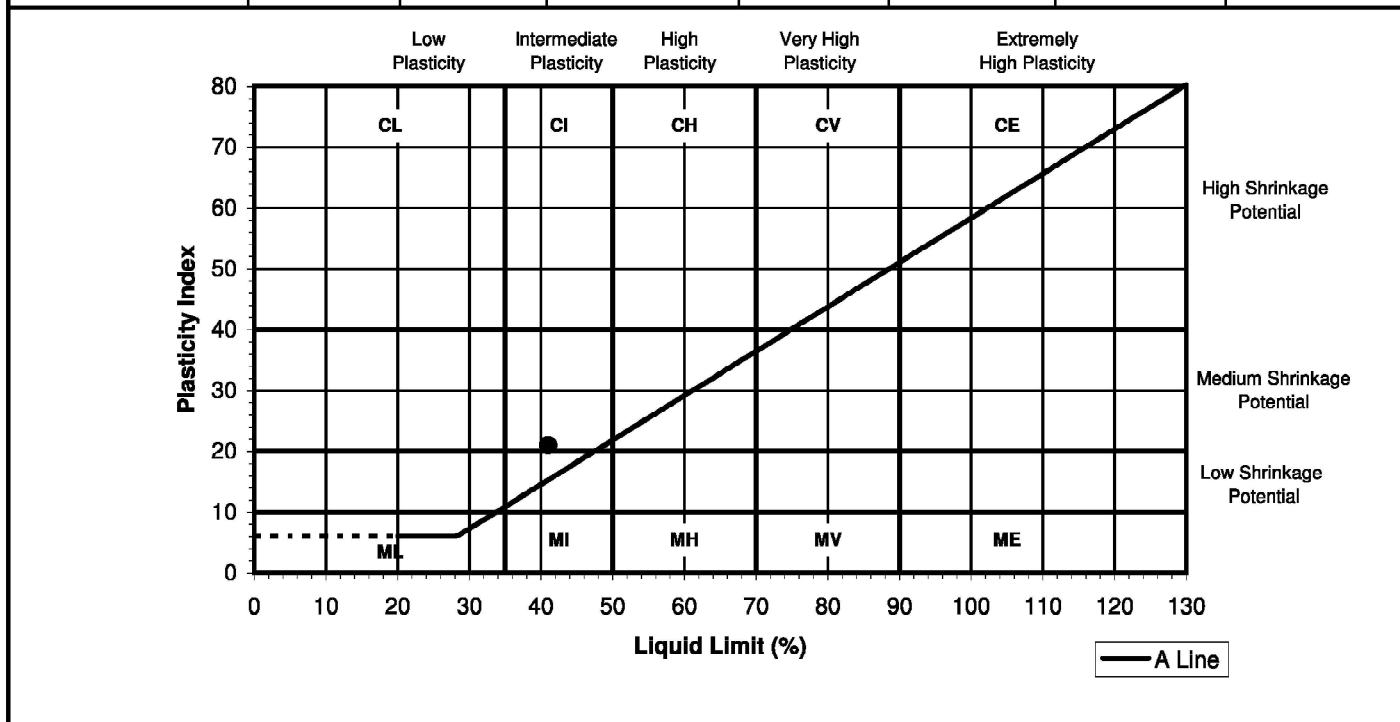
Determination of Moisture Content and Atterberg Limits

Client:	Soiltechnics Limited	Report No:	51021428/16/15
Client Address:	Cedar Barn, White Lodge Walgrave	Batch Number:	DAM0059571
Postcode:	NN6 9PY	Client Reference:	STN3505NM
Contact:	Andy Keeler	Sampled by:	Client
		Date Sampled:	16.02.16
		Date Received:	21.03.16
Site:	Chipping Lane, Longbridge	Tested From:	23.03.16-24.03.16
		Sample Type:	Disturbed

Test Results:

Description: Brown CLAY

Laboratory Reference	Location	Depth (m)	As Received Moisture Content (%)	Liquid Limit	Plastic Limit	Plasticity Index	% Passing 425µm
45274329	TP120	1.90	N/A	41	20	21	100



Sample Preparation: As Received, Coarse particles removed by hand prior to test
 Estimated % passing 425µm BS Test Sieve

Certified that the laboratory testing was carried out in accordance with BS 1377-2: 1990: Method 3.2, 4.4 and 5

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