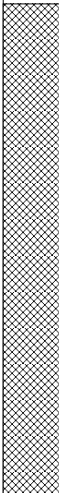
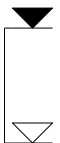


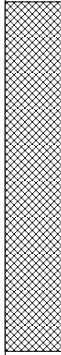
Appendix B Exploratory Hole Logs: Boreholes

INSTALL	STRATA				WATER STRIKES	SPT TESTING				OTHER IN SITU TESTING		SAMPLING		
	DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto dark brown slightly gravelly sandy CLAY. Gravel is angular to subangular fine to medium sandstone and brick. (TOPSOIL)	0.20				S 1.00 - 1.45	(6) 6			PP 0.30	PP=125	0.10		ES
	Stiff dark brown slightly sandy slightly gravelly CLAY. Gravel is angular to subangular fine to medium brick. (MADE GROUND)	0.60								PP 0.50	PP=129			
	Firm greyish brown slightly sandy slightly gravelly CLAY. Gravel is angular to subangular fine to medium brick. (MADE GROUND)	1.00								PP 0.70	PP=63			
	...from 0.9m depth, becoming peaty.	1.30								PP 0.90	PP=79			
	Soft dark brown and dark grey slightly gravelly peaty CLAY with natural organic odour. Gravel is angular to subangular fine to medium brick. (MADE GROUND)	1.70				S 2.00 - 2.45	(13) 24			PP 1.10	PP=21	1.10	2.70	ES
	Firm dark brown slightly sandy PEAT with natural organic odour. (ALLUVIUM)	2.80								PP 1.50	PP=33			
	Medium dense light greyish brown sandy GRAVEL of angular to rounded fine to medium sandstone and mudstone. (ALLUVIUM)	3.00												
	Stiff brown slightly gravelly CLAY. Gravel is subangular to subrounded fine to medium sandstone and mudstone. (DEVANSIAN TILL)	3.00				S 3.00 - 3.26	(22) 66/105mm					2.90		D
	SANDSTONE recovered as very dense reddish brown fine to medium SAND. (CHESTER FORMATION)	3.26												
		BOREHOLE TERMINATED AT 3.26m												

Notes Borehole terminated due to SPT refusal.	Title Dynamic windowless sampling record			Date(s) 04/04/2023	
	Recovery details		Method Windowless sampler	Logged by FQ	Sheet number Sheet 1 of 1
	Range (m)	Recovery (%)			
Groundwater observations Groundwater encountered at 2.5m depth, filling borehole to 1.74m in 20 minutes.	0.00 - 1.00	80	Level (m OD) -	Compiled by AM	Revision A
	1.00 - 2.00	90			
	2.00 - 3.00	100	Co-ordinates -	Checked by DH	WS01

INSTALL	STRATA				WATER STRIKES	SPT TESTING				OTHER IN SITU TESTING		SAMPLING		
	DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Stiff dark brown slightly sandy slightly gravelly CLAY. Gravel is angular to subangular fine to medium brick. (TOPSOIL)	0.20												
	Grey and brown slightly sandy GRAVEL of angular to subangular fine to coarse brick and sandstone. (MADE GROUND)	0.60										0.30		ES
	Dark brown slightly gravelly silty clayey SAND with slight natural organic odour. Gravel is subangular to subrounded fine to medium sandstone and quartzite. (ALLUVIUM)	1.00				S 1.00 - 1.45	(1) 5					0.70 0.70	1.00	D B
	Firm dark brown slightly sandy PEAT with natural organic odour. (ALLUVIUM)									PP 1.50	PP=13			
	Medium dense grey and brown slightly sandy clayey GRAVEL of angular to rounded fine to medium sandstone. (ALLUVIUM)	1.80				S 2.00 - 2.45	(11) 26			PP 1.70	PP=13	1.50		ES
	SANDSTONE recovered as very dense reddish brown fine to medium SAND. (CHESTER FORMATION)	2.30										1.90		D
		2.30				S 2.70 - 2.82	(23/95mm) 50/30mm					2.60		D
	BOREHOLE TERMINATED AT 2.82m	2.82												

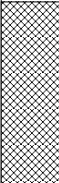
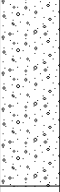
Notes Borehole terminated due to SPT refusal.	Title Dynamic windowless sampling record			Date(s) 04/04/2023	
	Recovery details		Method Windowless sampler	Logged by FQ	Sheet number Sheet 1 of 1
	Range (m)	Recovery (%)			
	0.00 - 1.00 1.00 - 2.00 2.00 - 2.70	100 80 100	Level (m OD) - Co-ordinates -	Compiled by AM Checked by DH	Revision A WS02

INSTALL	STRATA				WATER STRIKES	SPT TESTING				OTHER IN SITU TESTING		SAMPLING		
	DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto grey and brown slightly sandy GRAVEL of angular to subangular fine to coarse brick and sandstone. (MADE GROUND)					S 1.00 - 1.45	(2) 8					0.20		ES
	Stiff dark brown slightly sandy slightly gravelly CLAY. Gravel is angular to subangular fine to medium brick and clinker. (MADE GROUND)	0.50								PP 0.60	PP=150	0.60		ES
	Firm dark brown and dark grey slightly gravelly peaty CLAY with natural organic odour. Gravel is angular to subangular fine to medium brick. (MADE GROUND)	0.80								PP 0.90 PP 1.00	PP=38 PP=50	1.00		ES
	Firm dark brown slightly sandy PEAT with natural organic odour. (ALLUVIUM)	1.50				PP 1.30	PP=33							
	Light greyish brown sandy GRAVEL of angular to rounded fine to medium sandstone and mudstone. (ALLUVIUM)	1.80				PP 1.60	PP=13			1.70		ES		
	SANDSTONE recovered as very dense reddish brown fine to medium SAND. (CHESTER FORMATION)	2.00								1.90		D		
	BOREHOLE TERMINATED AT 2.31m	2.31												

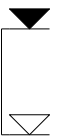
Notes Borehole terminated due to SPT refusal.	Title Dynamic windowless sampling record			Date(s) 04/04/2023	
	Recovery details		Method Windowless sampler	Logged by FQ	Sheet number Sheet 1 of 1
	Range (m)	Recovery (%)			
Groundwater observations Groundwater encountered at 1.85m depth. Water level remained constant.	0.00 - 1.00	100	Level (m OD) -	Compiled by AM	Revision A
	1.00 - 2.00	80			
			Co-ordinates -	Checked by DH	WS03

INSTALL	STRATA				WATER STRIKES	SPT TESTING				OTHER IN SITU TESTING		SAMPLING		
	DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto dark brown slightly gravelly sandy CLAY. Gravel is angular to subangular fine to medium sandstone and brick. (TOPSOIL) ...at 0.1m depth, concrete cobble.	0.20								PP 0.30	PP=50	0.10		ES
	Stiff dark brown slightly sandy slightly gravelly CLAY. Gravel is angular to subangular fine to medium brick. (MADE GROUND) ...at 0.6m depth, sandstone cobble. ...at 0.8m depth, asphalt cobble.									PP 0.50	PP=54	0.50		ES
										PP 0.70	PP=54			
										PP 0.90	PP=54			
	Firm dark brown slightly sandy PEAT with natural organic odour. (ALLUVIUM)	1.00				S 1.00 - 1.45	(2) 9							
	Brown slightly silty fine to medium SAND. (ALLUVIUM)	1.40										1.50		D
	Light greyish brown sandy GRAVEL of angular to rounded fine to medium sandstone and mudstone. (ALLUVIUM)	1.60												
	SANDSTONE recovered as very dense reddish brown fine to medium SAND. (CHESTER FORMATION)	2.00				S 2.00 - 2.40	(8) 50/255mm					2.10		D
	BOREHOLE TERMINATED AT 2.40m													
		2.40												

Notes Borehole terminated due to SPT refusal.	Title Dynamic windowless sampling record			Date(s) 04/04/2023	
	Recovery details		Method Windowless sampler	Logged by FQ	Sheet number Sheet 1 of 1
	Range (m)	Recovery (%)			
Groundwater observations Groundwater encountered at 1.4m depth. Water level remained constant.	0.00 - 1.00	90	Level (m OD) -	Compiled by AM	Revision A
	1.00 - 2.00	90			
			Co-ordinates -	Checked by DH	WS04

INSTALL	STRATA				WATER STRIKES	SPT TESTING				OTHER IN SITU TESTING		SAMPLING		
	DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto dark brown slightly gravelly sandy CLAY. Gravel is angular to subangular fine to medium sandstone and brick. (TOPSOIL)	0.20										0.10		ES
	Dark brown slightly gravelly silty clayey SAND with slight natural organic odour. Gravel is subangular to subrounded fine to medium brick and concrete. (MADE GROUND)											0.50		ES
	Firm greyish brown slightly sandy slightly gravelly CLAY. Gravel is angular to subangular fine to medium brick. (MADE GROUND) ...from 1m depth, becoming slightly peaty.	0.80				S 1.00 - 1.45	(5) 13			PP 0.90	PP=46			
	Dense light greyish brown sandy GRAVEL of angular to rounded fine to medium sandstone and mudstone. (ALLUVIUM) ...from 2m depth, becoming brown.	1.70				S 2.00 - 2.45	(19) 33							
						S 2.50 - 2.95	(25) 62							
	BOREHOLE TERMINATED AT 2.95m	2.95												

Notes Borehole terminated due to SPT refusal.	Title Dynamic windowless sampling record			Date(s) 04/04/2023	
	Recovery details		Method Windowless sampler	Logged by FQ	Sheet number Sheet 1 of 1
	Range (m)	Recovery (%)			
	0.00 - 1.00 1.00 - 2.00 2.00 - 2.50	100 70 100	Level (m OD) - Co-ordinates -	Compiled by AM Checked by DH	Revision A WS05

INSTALL	STRATA				WATER STRIKES	SPT TESTING				OTHER IN SITU TESTING		SAMPLING		
	DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	CASING DEPTH (m)	WATER LEVEL (m)	TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
	Grass onto dark brown slightly gravelly sandy CLAY. Gravel is angular to subangular fine to medium sandstone and brick. (TOPSOIL)	0.20										0.10		ES
	Brown and greyish brown gravelly fine to medium SAND. Gravel is angular to rounded fine to coarse sandstone and quartzite. (ALLUVIUM)											0.60		D
	...from 0.8m depth, becoming orangish brown.													
	...at 0.9m depth, sandstone cobble.													
	Medium dense brown slightly gravelly fine to medium SAND. Gravel is subangular to rounded fine to medium sandstone and quartzite. (ALLUVIUM)	1.00				S 1.00 - 1.45	(8) 18					1.10	1.50	B
	SANDSTONE recovered as very dense reddish brown fine to medium SAND. (CHESTER FORMATION)	2.00				S 2.00 - 2.15	(62)							
	BOREHOLE TERMINATED AT 2.15m													

Notes Borehole terminated due to SPT refusal.	Title Dynamic windowless sampling record			Date(s) 04/04/2023	
	Recovery details		Method Windowless sampler	Logged by FQ	Sheet number Sheet 1 of 1
	Range (m)	Recovery (%)			
Groundwater observations Groundwater encountered at 1.5m depth, filling borehole to 0.8m depth in 20 minutes.	0.00 - 1.00	70	Level (m OD) -	Compiled by AM	Revision A
	1.00 - 2.00	100			
			Co-ordinates -	Checked by DH	WS06