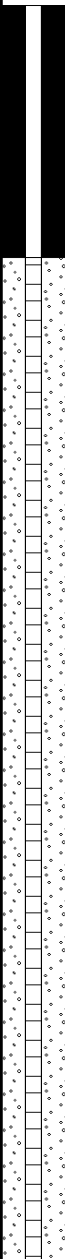
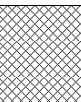
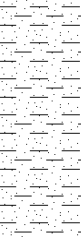
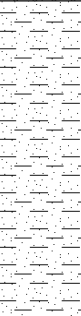
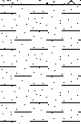
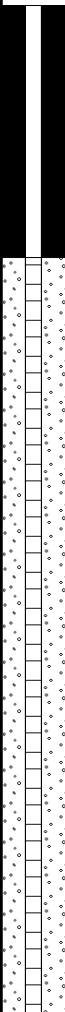


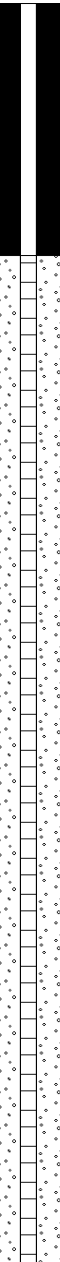
 Earth Environmental & Geotechnical Ltd Houldsworth Mill Business & Arts Centre Houldsworth Street Stockport SK5 6DA					Borehole Log			Borehole No. WS1 Sheet 1 of 1			
Project Name: Moorgate Farm East					Project No. A5635		Co-ords: 392020.00 - 410449.00		Hole Type WS		
Location: Rochdale					Level: 0.00		Scale 1:30				
Client: Morris Construction					Dates: 03/10/2023 - 03/10/2023		Logged By MS				
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
					0.20	-0.20		Grey CONCRETE.			
		0.40	ES		0.40	-0.40		MADE GROUND: Blackish grey slightly silty gravelly SAND. Sand is fine to coarse. Gravel is fine to coarse of brick and concrete. Soft to firm reddish brown silty sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is fine subangular of quartzite and sandstone. <i>ES taken at 0.40m.</i>			
		1.00	D					<i>D taken at 1.00m.</i>	1		
		1.20		N=8 (1,2/2,2,2,2)							
		2.00		N=6 (1,2/1,2,2,1)	2.00	-2.00		No recovery. <i>No recovery.</i>	2		
		3.00		N=8 (1,2/2,2,2,2)	3.00	-3.00		Soft to firm reddish brown slightly silty sandy CLAY. Sand is fine and medium.	3		
		3.80				-3.80					
		3.90				-3.90					
		4.00		N=50 (2,4/6,19,19,6)	4.00	-4.00		Dense brown slightly silty slightly gravelly SAND. Sand is fine to medium. Gravel is fine to medium subangular of quartzite and sandstone. Very stiff reddish brown slightly silty sandy CLAY. Sand is fine and medium. <i>End of borehole at 4.00 m</i>	4		
										5	
								6			
Remarks 1) Location scanned with CAT prior to excavation. 2) Borehole location cored to 0.20m bgl. 3) Borehole backfilled with arisings.											

 EARTH ENVIRONMENTAL & GEOTECHNICAL Earth Environmental & Geotechnical Ltd Houldsworth Mill Business & Arts Centre Houldsworth Street Stockport SK5 6DA					Borehole Log			Borehole No. WS2 Sheet 1 of 1			
Project Name: Moorgate Farm East					Project No. A5635		Co-ords: 392009.00 - 410450.00		Hole Type WS		
Location: Rochdale					Level: 0.00		Scale 1:30		Logged By MS		
Client: Morris Construction					Dates: 03/10/2023 - 03/10/2023						
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
											
		0.40				-0.40		MADE GROUND: Red and grey sandy GRAVEL. Sand is fine to coarse. Gravel is fine to coarse subangular of brick and concrete.			
		0.60	ES					Soft to firm brown slightly silty sandy CLAY. Sand is fine and medium. <i>ES taken at 0.60m.</i>			
		1.20 1.30	D	N=8 (1,2/2,2,2,2)				<i>D taken at 1.30m.</i>	1		
		2.00		N=8 (2,2/2,2,2,2)	2.00	-2.00		Soft to firm light brown slightly clayey sandy SILT. Sand is fine to medium.	2		
		2.70				-2.70		Soft to firm brown slightly silty sandy CLAY. Sand is fine and medium.	3		
		3.00		N=4 (1,1/1,1,1,1)							
		4.00		N=10 (1,1/1,2,3,4)	4.00	-4.00		Loose to medium dense brown slightly clayey silty gravelly SAND. Sand is fine to coarse. Gravel is fine to medium subrounded of quartzite and sandstone.	4		
		4.50			4.50	-4.50		Firm to very stiff brown slightly silty sandy CLAY. Sand is fine and medium.			
		5.00		N=50 (4,5/6,7,9,28)	5.00	-5.00		----- End of borehole at 5.00 m	5		
								6			

Remarks
 1) Location scanned with CAT prior to excavation.
 2) Hand dug pit sunk to 1.20mgl.
 3) Borehole installed with standpipe (1.00m plain, 4.00m slotted pipe).


EARTH ENVIRONMENTAL & GEOTECHNICAL

 Earth Environmental & Geotechnical Ltd Houldsworth Mill Business & Arts Centre Houldsworth Street Stockport SK5 6DA						Borehole Log				Borehole No. WS3 Sheet 1 of 1	
Project Name: Moorgate Farm East						Project No. A5635		Co-ords: 392005.00 - 410459.00		Hole Type WS	
Location: Rochdale						Level: 0.00		Scale 1:30			
Client: Morris Construction						Dates: 03/10/2023 - 03/10/2023		Logged By MS			
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
		0.20	ES		0.20	-0.20		Grey CONCRETE.			
					0.40	-0.40		MADE GROUND: Blackish grey slightly silty gravelly SAND. Sand is fine to coarse. Gravel is fine to coarse of brick and concrete. ES taken at 0.20m.			
								Soft to firm grey slightly silty sandy CLAY. Sand is fine and medium. ES taken at 0.50m.			
					1.00	-1.00			1		
		1.20		N=0 (0,0/0,0,0,0)	1.20	-1.20		Soft grey slightly clayey sandy gravelly SILT. Sand is fine to medium. Gravel is fine to medium subrounded of quartzite and sandstone. Very soft to firm greyish slightly silty sandy becoming gravelly CLAY. Sand is fine and medium.			
		1.80		D				D taken at 1.80m.			
		2.00		N=9 (1,2/2,2,2,3)	2.00	-2.00		Firm grey slightly clayey sandy gravelly SILT. Sand is fine to medium. Gravel is fine to medium subrounded of quartzite and sandstone.	2		
					2.20	-2.20		Soft to firm reddish brown silty sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is fine to medium subrounded of quartzite and sandstone. Hand Penetrometre of 60 kN/m² taken at 1.90m. Hand Penetrometre of 48 kN/m² taken at 1.90m. Hand Penetrometre of 24 kN/m² taken at 1.90m.			
					3.00	-3.00		Firm to stiff light brown slightly clayey sandy SILT. Sand is fine to medium.	3		
					3.40	-3.40		Soft to firm reddish brown silty sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is fine to medium subrounded of quartzite and sandstone.			
		4.00		N=50 (2,2/1,2,2,45)	3.90	-3.90		Very dense brown slightly clayey silty gravelly SAND. Sand is fine to coarse. Gravel is fine to medium subrounded of quartzite and sandstone.	4		
					4.00	-4.00		End of borehole at 4.00 m			
Remarks 1) Location scanned with CAT prior to excavation. 2) Borehole location cored to 0.20m bgl. 3) Borehole installed with standpipe (1.00m plain, 3.00m slotted pipe).									 Earth Environmental & Geotechnical Ltd Houldsworth Mill Business & Arts Centre Houldsworth Street Stockport SK5 6DA		

EARTH ENVIRONMENTAL & GEOTECHNICAL Earth Environmental & Geotechnical Ltd Houldsworth Mill Business & Arts Centre Houldsworth Street Stockport SK5 6DA					Borehole No. WS4 Sheet 1 of 1					
Project Name: Moorgate Farm East			Project No. A5635		Co-ords: 392003.00 - 410438.00		Hole Type WS			
Location: Rochdale					Level: 0.00		Scale 1:30			
Client: Morris Construction					Dates: 03/10/2023 - 03/10/2023		Logged By MS			
Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.15	-0.15		Grey CONCRETE		
		0.30	ES		0.30	-0.30		MADE GROUND: Blackish grey slightly silty gravelly SAND. Sand is fine to coarse. Gravel is fine to coarse of brick and concrete. With rare fragments of clinker.		
									Loose grey clayey slightly silty slightly gravelly SAND. Sand is fine to medium. Gravel is fine to medium subrounded of quartzite and sandstone.	
									ES taken at 0.30m.	
					0.90	-0.90		Very soft greyish brown silty sandy CLAY. Sand is fine and medium.		
		1.20		N=1 (0,0/0,0,1,0)						1
		1.50	D						D taken at 1.50m.	
					1.90	-1.90		Loose greyish brown slightly clayey silty gravelly SAND. Sand is fine to medium. Gravel is fine to medium subrounded of quartzite and sandstone.		2
		2.00		N=4 (1,1/1,1,1,1)	2.20	-2.20		Hand Penetrometre of 12 kN/m² taken at 1.90m.		
									Loose brown clayey slightly gravelly SAND. Sand is fine to medium. Gravel is fine to medium subrounded of quartzite and sandstone.	
					2.50	-2.50		Loose light brown very silty SAND. Sand is fine to medium.		
					2.60	-2.60		Soft light brown slightly clayey sandy SILT. Sand is fine to medium.		
					2.80	-2.80		Loose to medium dense brown slightly clayey silty gravelly SAND. Sand is fine to coarse. Gravel is fine to medium subrounded of quartzite and sandstone.		3
				N=8 (3,3/2,2,2,2)					Water strike at 3.00m.	
					4.00	-4.00		Stiff brown sandy gravelly SILT.		4
				N=24 (1,1/6,6,6,6)	4.60	-4.60		Firm to very stiff greyish brown silty sandy slightly gravelly CLAY. Sand is fine to medium. Gravel is fine subangular of quartzite and sandstone.		
				N=50 (4,5/50 for 150mm)	5.00	-5.00		End of borehole at 5.00 m		5
Remarks									6	
1) Location scanned with CAT prior to excavation. 2) Borehole location cored to 0.20m bgl. 3) Borehole installed with standpipe (1.00m plain, 4.00m slotted pipe).									EARTH ENVIRONMENTAL & GEOTECHNICAL	