

17 Dec 2024

TP307



17 Dec 2024
TP308



17 Dec 2024
TP309



17 Dec 2024

TP310



17 Dec 2024

TP311



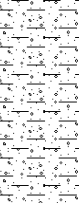
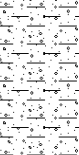
17 Dec 2024

TP212



Trial Pit Log

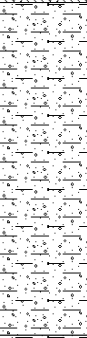
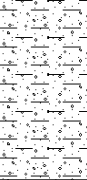
Project Name: Lutterworth Road, Burbage	Client: Davidsons Homes		17/12/2024	
Project No. : PJSG21-58	Co-ords: E444629 N292095		Equipment: Tracked Excavator (Compac Hire)	
TP301	Ground Level	Logged By	Scale	Page Number
		NB	1:25	Sheet 1 of 1

	Sample and In Situ Testing			Depth (m bgl)	Level (m AOD)	Legend	Stratum Description	Water Strikes (m bgl)
	Depth (m bgl)	Type	Results					
1				0.30			Grass overlying black sandy CLAY with roots and rootlets.	
							Firm light brown sandy gravelly CLAY. Gravel is rounded to sub-angular, fine to coarse chalk, chert and siltstone.	
	1.10		HVP=40				1.00 to 1.40m - Pocket of orangish-brown fine to medium sand in eastern face of excavation.	
	1.10		HVP=65					
	1.10		HVP=70					
	1.30		HVP=100					
	1.30		HVP=110					
	1.30		HVP=115	1.50				
2							Firm to stiff grey gravelly CLAY with lenses of orangish-brown fine to medium sand. Gravel is rounded to sub-angular, fine to coarse chalk, chert and siltstone.	
	2.10		HVP=110				Trial pit terminated at 2.200m bgl	
	2.10		HVP=130	2.20				
	2.10		HVP=150					
3								
4								
5								

Dimensions		Groundwater Remarks	No groundwater noted.	Reviewed By 	Approved By 
Pit Length	Pit Width				
		Excavation Stability	Excavation stable.		
General Remarks and Observations:				PJS Geotechnical Geneva II - Lakeview Annesley, Nottinghamshire NG15 0ED enquiries@pjs-geo.co.uk	
1. Trial pit terminated due to reaching target depth. 2. No visual or olfactory evidence of contamination. 3. Excavation backfilled with arisings upon completion.					

Trial Pit Log

Project Name: Lutterworth Road, Burbage	Client: Davidsons Homes		17/12/2024	
Project No. : PJSG21-58	Co-ords: E444611 N292071		Equipment: Tracked Excavator (Compac Hire)	
TP302	Ground Level	Logged By NB	Scale	Page Number
			1:25	Sheet 1 of 1

	Sample and In Situ Testing			Depth (m bgl)	Level (m AOD)	Legend	Stratum Description	Water Strikes (m bgl)
	Depth (m bgl)	Type	Results					
1				0.30			Grass overlying black sandy CLAY with roots and rootlets.	
							Firm brown sandy slightly gravelly CLAY. Gravel is rounded to sub-angular, fine to coarse quartzite and occasional chert.	
				1.40			Firm reddish-brown mottled multicoloured sandy gravelly CLAY. Gravel is angular to sub-rounded, fine to coarse sandstone, chert and carboniferous material.	
2	1.10 1.10 1.10 1.50 1.50 1.50 1.80 1.80 1.80		HVP=60 HVP=65 HVP=65 HVP=65 HVP=65 HVP=70 HVP=110 HVP=120 HVP=140	2.00			Trial pit terminated at 2.000m bgl	
3								
4								
5								

Dimensions		Groundwater Remarks	No groundwater noted.	Reviewed By 	Approved By 
Pit Length	Pit Width				
		Excavation Stability	Excavation stable.		
General Remarks and Observations:				PJS Geotechnical Geneva II - Lakeview Annesley, Nottinghamshire NG15 0ED enquiries@pjs-geo.co.uk	
1. Trial pit terminated due to reaching target depth. 2. No visual or olfactory evidence of contamination. 3. Excavation backfilled with arisings upon completion.					

Trial Pit Log

Project Name: Lutterworth Road, Burbage	Client: Davidsons Homes	17/12/2024		
Project No. : PJS21-58	Co-ords: E444617 N292113		Equipment: Tracked Excavator (Compac Hire)	
TP303	Ground Level	Logged By NB	Scale 1:25	Page Number Sheet 1 of 1

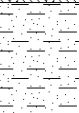
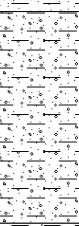
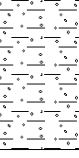
	Sample and In Situ Testing			Depth (m bgl)	Level (m AOD)	Legend	Stratum Description	Water Strikes (m bgl)
	Depth (m bgl)	Type	Results					
1				0.30			Grass overlying black sandy CLAY with roots and rootlets.	
				0.70			Firm orangish-brown and grey sandy CLAY.	
							Firm to stiff grey mottled orangish-brown gravelly CLAY. Gravel is rounded to sub-angular, fine to coarse chalk, chert and sandstone.	
	1.20		HVP=120					
	1.20		HVP=120					
	1.20		HVP=130					
2	1.60		HVP=120					
	1.60		HVP=135					
	1.60		HVP=145					
3				2.00			Trial pit terminated at 2.000m bgl	
4								
5								

Dimensions		Groundwater Remarks	No groundwater noted.	Reviewed By 	Approved By 
Pit Length	Pit Width				
		Excavation Stability	Excavation stable.		
General Remarks and Observations:				PJS Geotechnical Geneva II - Lakeview Annesley, Nottinghamshire NG15 0ED enquiries@pjs-geo.co.uk	

1. Trial pit terminated due to reaching target depth.
2. No visual or olfactory evidence of contamination.
3. Excavation backfilled with arisings upon completion.

Trial Pit Log

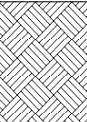
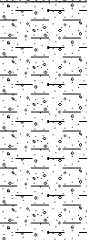
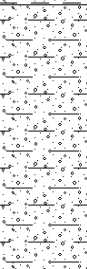
Project Name: Lutterworth Road, Burbage	Client: Davidsons Homes		17/12/2024	
Project No. : PJS21-58	Co-ords: E444598 N292116		Equipment: Tracked Excavator (Compac Hire)	
TP304	Ground Level	Logged By	Scale	Page Number
		NB	1:25	Sheet 1 of 1

	Sample and In Situ Testing			Depth (m bgl)	Level (m AOD)	Legend	Stratum Description	Water Strikes (m bgl)
	Depth (m bgl)	Type	Results					
1	1.00		HVP=90	0.30			Grass overlying black sandy CLAY with roots and rootlets.	
	1.00		HVP=90				Firm brown very sandy CLAY.	
	1.00		HVP=95	0.70			Firm brown sandy gravelly CLAY. Gravel is rounded, fine to coarse quartzite.	
	1.50		HVP=110	1.40			Stiff grey mottled brown gravelly CLAY. Gravel is angular to sub-rounded, fine to coarse quartzite, sandstone, chert and carboniferous material.	
2	1.50		HVP=130					
	1.50		HVP=135	1.90			Trial pit terminated at 1.900m bgl	
3								
4								
5								

Dimensions		Groundwater Remarks	No groundwater noted.	Reviewed By 	Approved By 
Pit Length	Pit Width				
		Excavation Stability	Excavation stable.		
General Remarks and Observations:				PJS Geotechnical Geneva II - Lakeview Annesley, Nottinghamshire NG15 0ED enquiries@pjs-geo.co.uk	
1. Trial pit terminated due to reaching target depth. 2. No visual or olfactory evidence of contamination. 3. Excavation backfilled with arisings upon completion.					

Trial Pit Log

Project Name: Lutterworth Road, Burbage	Client: Davidsons Homes		17/12/2024	
Project No. : PISG21-58	Co-ords: E444605 N292137		Equipment: Tracked Excavator (Compac Hire)	
TP305	Ground Level	Logged By NB	Scale	Page Number
			1:25	Sheet 1 of 1

	Sample and In Situ Testing			Depth (m bgl)	Level (m AOD)	Legend	Stratum Description	Water Strikes (m bgl)
	Depth (m bgl)	Type	Results					
1				0.40			Grass overlying black sandy CLAY with roots and rootlets.	
	0.90 0.90 0.90		HVP=70 HVP=70 HVP=75	1.20			Firm locally soft yellowish-brown sandy gravelly CLAY. Gravel is angular to sub-rounded, fine to coarse chert, sandstone and quartzite.	
				2.10			Yellowish-brown clayey sandy GRAVEL of angular to sub-rounded, fine to coarse chert, sandstone and quartzite.	
2	2.10 2.10 2.10		HVP=140 HVP=145 HVP=150	3.00			Stiff grey gravelly CLAY. Gravel is rounded to sub-angular, fine to coarse chalk, chert, siltstone and sandstone with lenses of yellowish-brown sandy clayey gravel.	
	2.40 2.40 2.40		HVP=140 HVP=150 HVP=150					
3							Trial pit terminated at 3.000m bgl	
4								
5								

Dimensions		Groundwater Remarks	No groundwater noted.	Reviewed By 	Approved By 
Pit Length	Pit Width				
		Excavation Stability	Excavation stable.		
General Remarks and Observations:				PJS Geotechnical Geneva II - Lakeview Annesley, Nottinghamshire NG15 0ED enquiries@pjs-geo.co.uk	
1. Trial pit terminated due to reaching target depth. 2. No visual or olfactory evidence of contamination. 3. Excavation backfilled with arisings upon completion.					

Trial Pit Log

Project Name: Lutterworth Road, Burbage	Client: Davidsons Homes		17/12/2024	
Project No. : PJS21-58	Co-ords: E444584 N292144		Equipment: Tracked Excavator (Compac Hire)	
TP306	Ground Level	Logged By NB	Scale	Page Number
			1:25	Sheet 1 of 1

	Sample and In Situ Testing			Depth (m bgl)	Level (m AOD)	Legend	Stratum Description	Water Strikes (m bgl)
	Depth (m bgl)	Type	Results					
1	0.90		HVP=70	0.30			Grass overlying black sandy CLAY with roots and rootlets.	
	0.90		HVP=70				Firm brown sandy gravelly CLAY. Gravel is rounded to sub-angular, fine to coarse quartzite, sandstone and carboniferous material.	
	0.90		HVP=75					
2	1.40		HVP=70	2.00			1.40 to 2.00m - Lenses of reddish-brown sand.	
	1.40		HVP=70					
	1.40		HVP=75					
3	3.10		HVP=70	2.90			Reddish-brown slightly clayey fine to medium SAND.	
	3.10		HVP=75				2.10 to 2.90m - Sand becomes wet, sloppy and running causing significant collapse of excavation faces.	
	3.10		HVP=75					
4	3.10		HVP=70	3.20			Firm brown mottled grey CLAY.	
	3.10		HVP=75					
	3.10		HVP=75					
5							Trial pit terminated at 3.200m bgl	

Dimensions		Groundwater Remarks	Groundwater noted at 2.10m - significant running sands noted within granular strata.	Reviewed By 	Approved By
Pit Length	Pit Width				
		Excavation Stability	Excavation unstable below 2.10m.		
General Remarks and Observations:				PJS Geotechnical Geneva II - Lakeview Annesley, Nottinghamshire NG15 0ED enquiries@pjs-geo.co.uk	

1. Trial pit terminated due to reaching target depth.
2. No visual or olfactory evidence of contamination.
3. Excavation backfilled with arisings upon completion.

Trial Pit Log

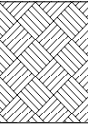
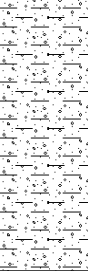
Project Name: Lutterworth Road, Burbage	Client: Davidsons Homes	17/12/2024
Project No. : PJSG21-58	Co-ords: E444569 N292171	Equipment: Tracked Excavator (Compac Hire)
TP307	Ground Level	Logged By NB
		Scale 1:25
		Page Number Sheet 1 of 1

	Sample and In Situ Testing			Depth (m bgl)	Level (m AOD)	Legend	Stratum Description	Water Strikes (m bgl)
	Depth (m bgl)	Type	Results					
1				0.40			Grass overlying black sandy CLAY with roots and rootlets.	
							Firm brown sandy gravelly CLAY. Gravel is rounded, fine to coarse quartzite.	
	0.90 0.90 0.90		HVP=70 HVP=70 HVP=75	1.10			Orangish-brown fine to medium SAND.	
2				1.40			Firm brown mottled grey gravelly CLAY with lenses of orangish-brown fine to medium sand. Gravel is angular to sub-rounded, fine to coarse chert, sandstone and quartzite.	
	1.50 1.50 1.50		HVP=70 HVP=70 HVP=75	2.00			Stiff grey mottled brown gravelly CLAY with lenses of orangish-brown fine to medium sand. Gravel is angular to sub-rounded, fine to coarse chalk and sandstone.	
	2.30 2.30 2.30		HVP=110 HVP=110 HVP=120	2.80			2.30 to 2.80m - Lenses of sand become wet and running.	
3				2.80			Orangish-brown clayey fine to medium SAND.	
				3.30			2.90 to 3.30m - Sand becomes wet, sloppy and running causing significant collapse of excavation faces.	
4							Trial pit terminated at 3.300m bgl	
5								

Dimensions		Groundwater Remarks	Groundwater noted at 2.30m and 2.90m - seepage from granular lenses and strata.	Reviewed By 	Approved By
Pit Length	Pit Width				
		Excavation Stability	Excavation unstable below 2.90m.		
General Remarks and Observations:				PJS Geotechnical Geneva II - Lakeview Annesley, Nottinghamshire NG15 0ED enquiries@pjs-geo.co.uk	
1. Trial pit terminated due to reaching target depth. 2. No visual or olfactory evidence of contamination. 3. Excavation backfilled with arisings upon completion.					

Trial Pit Log

Project Name: Lutterworth Road, Burbage	Client: Davidsons Homes		17/12/2024	
Project No. : PJSG21-58	Co-ords: E444594 N292167		Equipment: Tracked Excavator (Compac Hire)	
TP308	Ground Level	Logged By NB	Scale	Page Number
			1:25	Sheet 1 of 1

	Sample and In Situ Testing			Depth (m bgl)	Level (m AOD)	Legend	Stratum Description	Water Strikes (m bgl)
	Depth (m bgl)	Type	Results					
1				0.40			Grass overlying black sandy CLAY with roots and rootlets.	
							Firm brown CLAY.	
	0.90		HVP=65					
	0.90		HVP=70					
	0.90		HVP=75					
				1.10			Stiff grey mottled brown sandy gravelly CLAY with lenses of orangish-brown fine to medium sand. Gravel is angular to rounded, fine to coarse chert, sandstone and chalk occasionally becoming cobble sized.	
2	1.20		HVP=130					
	1.20		HVP=130					
	1.20		HVP=135					
				2.00			Trial pit terminated at 2.000m bgl	
3								
4								
5								

Dimensions		Groundwater Remarks	No groundwater noted.	Reviewed By 	Approved By 
Pit Length	Pit Width				
		Excavation Stability	Excavation stable.		
General Remarks and Observations:				PJS Geotechnical Geneva II - Lakeview Annesley, Nottinghamshire NG15 0ED enquiries@pjs-geo.co.uk	
1. Trial pit terminated due to reaching target depth. 2. No visual or olfactory evidence of contamination. 3. Excavation backfilled with arisings upon completion.					

Trial Pit Log

Project Name: Lutterworth Road, Burbage	Client: Davidsons Homes	17/12/2024		
Project No. : PJS21-58	Co-ords: E444606 N292190		Equipment: Tracked Excavator (Compac Hire)	
TP309	Ground Level	Logged By NB	Scale 1:25	Page Number Sheet 1 of 1

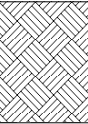
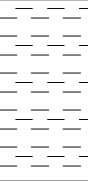
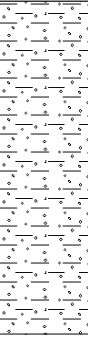
	Sample and In Situ Testing			Depth (m bgl)	Level (m AOD)	Legend	Stratum Description	Water Strikes (m bgl)
	Depth (m bgl)	Type	Results					
1	1.00		HVP=80	0.40			Grass overlying black sandy CLAY with roots and rootlets.	
	1.00		HVP=90	0.70			Firm brown sandy CLAY.	
	1.00		HVP=90				Firm to stiff brown and grey slightly sandy CLAY with lenses of orangish-brown fine to medium sand. Occasional rounded to sub-angular, fine to coarse gravel of carboniferous material and chalk.	
2	1.70		HVP=130					
	1.70		HVP=140					
	1.70		HVP=90					
3				2.70			2.50 to 2.70m - Lenses of wet orangish-brown fine to medium running sand causing spalling on excavation faces.	
							Trial pit terminated at 2.700m bgl	
4								
5								

Dimensions		Groundwater Remarks	Groundwater noted at 2.50m - seepage from granular lenses.	Reviewed By 	Approved By
Pit Length	Pit Width				
		Excavation Stability	Excavation stable.		
General Remarks and Observations:				PJS Geotechnical Geneva II - Lakeview Annesley, Nottinghamshire NG15 0ED enquiries@pjs-geo.co.uk	

1. Trial pit terminated due to reaching target depth.
2. No visual or olfactory evidence of contamination.
3. Excavation backfilled with arisings upon completion.

Trial Pit Log

Project Name: Lutterworth Road, Burbage	Client: Davidsons Homes		17/12/2024	
Project No. : PJSG21-58	Co-ords: E444632 N292184		Equipment: Tracked Excavator (Compac Hire)	
TP310	Ground Level	Logged By NB	Scale	Page Number
			1:25	Sheet 1 of 1

	Sample and In Situ Testing			Depth (m bgl)	Level (m AOD)	Legend	Stratum Description	Water Strikes (m bgl)
	Depth (m bgl)	Type	Results					
1	0.90		HVP=100	0.40			Grass overlying black sandy CLAY with roots and rootlets.	
	0.90		HVP=120	1.00			Firm brown CLAY.	
	0.90		HVP=70				Firm to stiff brown mottled grey gravelly CLAY. Gravel is angular to sub-rounded, fine to coarse chalk, carboniferous material and chert.	
2	1.40		HVP=115	2.10			1.80 to 2.10m - Lenses of orangish-brown fine to medium sand.	
	1.40		HVP=130				Trial pit terminated at 2.100m bgl	
3	1.40		HVP=90					
4								
5								

Dimensions		Groundwater Remarks	No groundwater noted.	Reviewed By 	Approved By 
Pit Length	Pit Width				
		Excavation Stability	Excavation stable.		
General Remarks and Observations:				PJS Geotechnical Geneva II - Lakeview Annesley, Nottinghamshire NG15 0ED enquiries@pjs-geo.co.uk	
1. Trial pit terminated due to reaching target depth. 2. No visual or olfactory evidence of contamination. 3. Excavation backfilled with arisings upon completion.					

Trial Pit Log

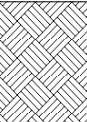
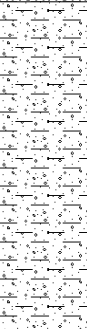
Project Name: Lutterworth Road, Burbage	Client: Davidsons Homes	17/12/2024		
Project No. : PJSG21-58	Co-ords: E444645 N292207		Equipment: Tracked Excavator (Compac Hire)	
TP311	Ground Level	Logged By NB	Scale 1:25	Page Number Sheet 1 of 1

	Sample and In Situ Testing			Depth (m bgl)	Level (m AOD)	Legend	Stratum Description	Water Strikes (m bgl)
	Depth (m bgl)	Type	Results					
1				0.30			Grass overlying black sandy CLAY with roots and rootlets.	
							Firm brown sandy slightly gravelly CLAY. Gravel is rounded to sub-angular, fine to coarse quartzite.	
	1.10 1.10 1.10		HVP=55 HVP=55 HVP=60					
2				1.40			Stiff grey mottled brown gravelly CLAY. Gravel is angular to sub-rounded, fine to coarse chalk and chert.	
	1.60 1.60 1.60		HVP=110 HVP=115 HVP=120					
	2.00		HVP=110				2.00 to 2.90m - Lenses of wet orangish-brown fine to medium running sand causing spalling on excavation faces.	
3	2.20 2.20		HVP=110 HVP=130					
				2.90			Trial pit terminated at 2.900m bgl	
4								
5								

Dimensions		Groundwater Remarks	Groundwater noted at 2.00m - seepage from granular lenses.	Reviewed By 	Approved By 
Pit Length	Pit Width				
		Excavation Stability	Excavation unstable below 2.00m.		
General Remarks and Observations:				PJS Geotechnical Geneva II - Lakeview Annesley, Nottinghamshire NG15 0ED enquiries@pjs-geo.co.uk	
1. Trial pit terminated due to reaching target depth. 2. No visual or olfactory evidence of contamination. 3. Excavation backfilled with arisings upon completion.					

Trial Pit Log

Project Name: Lutterworth Road, Burbage	Client: Davidsons Homes		17/12/2024	
Project No. : PJSG21-58	Co-ords: E444604 N292099		Equipment: Tracked Excavator (Compac Hire)	
TP312	Ground Level	Logged By NB	Scale	Page Number
			1:25	Sheet 1 of 1

	Sample and In Situ Testing			Depth (m bgl)	Level (m AOD)	Legend	Stratum Description	Water Strikes (m bgl)
	Depth (m bgl)	Type	Results					
1				0.40			Grass overlying black sandy CLAY with roots and rootlets.	
	1.00		HVP=55				Firm brown sandy gravelly CLAY. Gravel is rounded to sub-angular, fine to coarse chalk, chert and sandstone.	
	1.00		HVP=55					
2	1.00		HVP=60					
	1.60		HVP=85	1.50			Firm to stiff grey CLAY with lenses of orangish-brown fine to medium sand.	
	1.60		HVP=85					
3	1.60		HVP=90					
	2.10		HVP=90	2.40			Orangish-brown gravelly fine to medium SAND. Gravel is rounded to sub-angular, fine to coarse chalk, chert and sandstone.	
	2.10		HVP=95					
4	2.10			2.70			Orangish-brown sandy clayey GRAVEL of angular to sub-rounded, fine to coarse chert and chalk.	
				3.00			Stiff grey CLAY.	
				3.20			Trial pit terminated at 3.200m bgl	

Dimensions		Groundwater Remarks	Groundwater noted at 2.40m - seepage from granular lenses.	Reviewed By 	Approved By 
Pit Length	Pit Width				
		Excavation Stability	Excavation stable.		
General Remarks and Observations:				PJS Geotechnical Geneva II - Lakeview Annesley, Nottinghamshire NG15 0ED enquiries@pjs-geo.co.uk	

1. Trial pit terminated due to reaching target depth.
2. No visual or olfactory evidence of contamination.
3. Excavation backfilled with arisings upon completion.

Appendix B – Exploratory Hole Logs

