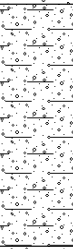
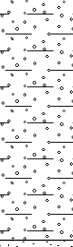
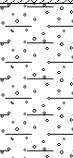
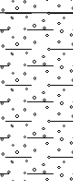
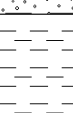


 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP02		
	Contract Number: GE23094	Date Started: 13/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451632.8	Northing: 114280.0	Ground Level: 14.52mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Overcast, dry, warm		Hole Termination:		Stability: Localised spalling			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.25	ES1		14.22	(0.30)		Grass over dark brown silty CLAY with occasional roots and rootlets TOPSOIL			
0.50	D1		13.92	(0.30)		Firm orange brown very gravelly CLAY with rare rootlets. Gravel is fine to medium sub angular to sub rounded of flint RIVER TERRACE DEPOSITS		0.5	
1.00	D2		13.12	(0.80)		Orange brown slightly sandy clayey fine to medium sub angular to sub rounded flint GRAVEL RIVER TERRACE DEPOSITS		1.0	
1.50	D3		13.12	(0.80)		Brown clayey fine to coarse sub angular to sub rounded flint GRAVEL RIVER TERRACE DEPOSITS		1.5	
2.00	D4		12.32	(0.50)		Orange and grey fine SAND WITTERING FORMATION		2.0	
2.50	D5		11.82	(0.30)		Light grey fine SAND WITTERING FORMATION		2.5	
3.00	D6		11.52	3.00		End of Trial Pit at 3.00m		3.0	
								3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.80m								
Remarks					 PhotoofSpoil				
Some spalling within the looser gravels. Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP03		
	Contract Number: GE23094	Date Started: 15/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451290.4	Northing: 114184.7	Ground Level: 23.32mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Sunny, hot, dry		Hole Termination:		Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.10	ES1	PP=2.7kg/cm2	23.17	0.15		Grass over dark brown slightly silty gravelly CLAY with frequent roots and rootlets TOPSOIL		0.5	
0.50	D1		22.62	(0.55)		Stiff orange and grey slightly silty CLAY with occasional rootlets LONDON CLAY			
1.00	D2	PP=2.5kg/cm2	21.72	0.70		Firm to stiff orange and grey silty CLAY LONDON CLAY		1.0	
1.00	ES2			(0.90)					
1.50	D3	PP=1.4kg/cm2	21.02	1.60		Firm brown and grey very silty CLAY LONDON CLAY		1.5	
		(0.70)							
2.00	D4	PP=1.4kg/cm2	20.62	2.30		Firm purplish grey silty sandy CLAY. Sand is fine LONDON CLAY		2.0	
		(0.40)							
2.50	D5		20.32	2.70		Firm grey silty CLAY LONDON CLAY		2.5	
				(0.30)					
3.00	D6			3.00		End of Trial Pit at 3.00m		3.0	
								3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.80m								
Remarks					 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike		Rose to		Time Elapsed (mins)					

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP04		
	Contract Number: GE23094	Date Started: 14/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451352.1	Northing: 114188.3	Ground Level: 24.57mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Cloudy , dry, warm		Hole Termination:		Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.15	ES1		24.37	0.20		Grass over dark brown slightly gravelly sandy CLAY with frequent roots and rootlets TOPSOIL			
0.50	D1	PP=3.5kg/cm2	23.97	0.60 (0.40)		Stiff orange and grey mottled slightly gravelly CLAY with occasional rootlets. Gravel is fine to medium sub angular to sub rounded of flint RIVER TERRACE DEPOSITS		0.5	
1.00	D2	PP=2.5kg/cm2	23.37	0.60 (0.60)		Stiff orange and grey mottled slightly sandy CLAY. Sand is fine LONDON CLAY		1.0	
1.50	D3	PP=1.5kg/cm2	22.67	1.20 (0.70)		Firm to stiff orange and grey silty CLAY LONDON CLAY		1.5	
2.00	D4	PP=1.6kg/cm2	22.67	1.90 (1.10)		Firm to stiff brown and orange very silty CLAY LONDON CLAY		2.0	
2.50	D5	PP=1.7kg/cm2						2.5	
3.00	D6	PP=1.6kg/cm2	21.57	3.00		End of Trial Pit at 3.00m		3.0	
								3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.90m								
Remarks					 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike		Rose to		Time Elapsed (mins)					

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP05			
	Contract Number: GE23094	Date Started: 14/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1				
	Easting: 451408.2	Northing: 114207.6	Ground Level: 24.20mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25				
Trial Pit Log				Weather: Cloudy, dry, breezy		Hole Termination:		Stability: Sides stable		
Samples & In Situ Testing			Strata Details						Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description				
0.50	D1		23.95	0.25		Grass over dark brown slightly sandy gravelly CLAY with frequent roots and rootlets TOPSOIL		0.5		
				(0.55)		Orange brown clayey fine to coarse sub angular to sub rounded flint GRAVEL with occasional rootlets RIVER TERRACE DEPOSITS				
1.00	D2		23.40	0.80		Orange brown slightly clayey fine to medium sub angular to sub rounded flint GRAVEL RIVER TERRACE DEPOSITS		1.0		
1.50	D3	PP=2.9kg/cm2	22.80	1.40		Stiff orange and grey mottled CLAY WITTERING FORMATION		1.5		
				(1.60)				2.0		
2.50	D5	PP=3.4kg/cm2						2.5		
3.00	D6	PP=3kg/cm2	21.20	3.00				3.0		
3.00	ES1					End of Trial Pit at 3.00m		3.5		
Dimensions:					Photo:					
Final Depth:	3.00m				 PhotoofPit					
Final Width:	0.60m									
Final Length:	1.90m									
Remarks					 PhotoofSpoil					
Groundwater not encountered										
Water Strikes (mbgl)										
Depth Strike	Rose to		Time Elapsed (mins)							

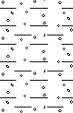
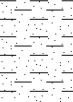
 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP06		
	Contract Number: GE23094	Date Started: 13/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451465.0	Northing: 114196.0	Ground Level: 21.95mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Overcast, dry, warm		Hole Termination:			Stability: Sides stable		
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.30	ES1		21.80	0.15		Crop stubble over dark brown slightly sandy gravelly CLAY with frequent roots and rootlets			
0.50	D1	PP=3.4kg/cm2				TOPSOIL			
						Stiff orange and grey gravelly CLAY with occasional rootlets. Gravel is fine to medium sub angular to sub rounded of flint RIVER TERRACE DEPOSITS		0.5	
				(1.05)					
1.00	D2	PP=3.5kg/cm2						1.0	
									
			20.75	1.20		Stiff orange and grey mottled CLAY LONDON CLAY			
1.50	D3	PP=2.8kg/cm2						1.5	
									
				(1.20)					
2.00	D4	PP=2.1kg/cm2						2.0	
2.00	ES2								
									
			19.55	2.40		Stiff orange and grey sandy CLAY. Sand is fine LONDON CLAY		2.5	
2.50	D5	PP=2.1kg/cm2							
									
				(0.60)					
3.00	D6	PP=2kg/cm2	18.95	3.00		End of Trial Pit at 3.00m		3.0	
								3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.90m								
Remarks					 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

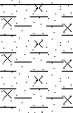
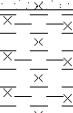
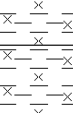
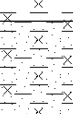
 Geo-Environmental	Contract Name: Holly Tree Farm		Client: Bloor Homes Southern			Trial Pit ID: TP07		
	Contract Number: GE23094	Date Started: 13/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1		
Trial Pit Log	Easting: 451537.3	Northing: 114231.3	Ground Level: 18.44mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25		
Weather: Overcast, warm, dry		Hole Termination:			Stability: Sides stable			
Samples & In Situ Testing			Strata Details				Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description		
0.50	D1		18.29	0.15		Crop stubble over dark brown slightly sandy gravelly CLAY with occasional roots and rootlets	0.5	
				(0.55)		TOPSOIL		
1.00	D2	PP=3.6kg/cm2	17.74	0.70		Stiff brown gravelly CLAY with occasional rootlets. Gravel is fine to medium sub angular to sub rounded of flint	1.0	
				(0.60)		RIVER TERRACE DEPOSITS		
1.50	D3		17.14	1.30		Stiff orange brown slightly sandy gravelly CLAY. Sand is fine and gravel is fine to medium sub angular to sub rounded of flint	1.5	
				(0.50)		WITTERING FORMATION		
2.00	D4		16.64	1.80		Orange brown clayey sandy fine to medium sub angular to sub rounded flint GRAVEL	2.0	
				(0.50)		WITTERING FORMATION		
2.50	D5		16.14	2.30		Firm orange brown silty sandy gravelly CLAY. Gravel is fine to coarse sub angular to sub rounded of flint and sand is fine to medium	2.5	
				(0.50)		WITTERING FORMATION		
3.00	D6		15.64	2.80		Orange and grey slightly silty clayey fine SAND with occasional layers of firm clay	3.0	
				(0.50)		WITTERING FORMATION		
			15.44	3.00		Yellow and orange fine SAND with frequent layers of firm orange and grey mottled CLAY	3.0	
						End of Trial Pit at 3.00m		
Dimensions:					Photo:			
Final Depth:	3.00m				 PhotoofPit			
Final Width:	0.60m							
Final Length:	1.90m							
Remarks					 PhotoofSpoil			
Groundwater not encountered								
Water Strikes (mbgl)								
Depth Strike		Rose to		Time Elapsed (mins)				

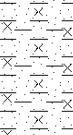
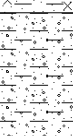
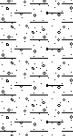
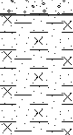
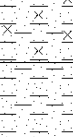
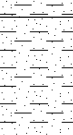
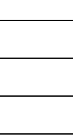
 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP08		
	Contract Number: GE23094	Date Started: 15/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451287.5	Northing: 114132.5	Ground Level: 20.83mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Sunny, dry, hot		Hole Termination:			Stability: Sides stable		
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.30	ES1	PP=3.5kg/cm2	20.68	0.15		Grass over dark brown slightly silty gravelly CLAY with frequent roots and rootlets		0.5	
0.50	D1		20.23	(0.45)		TOPSOIL			
						Stiff light grey and occasionally orange slightly sandy CLAY with rare rootlets			
						LONDON CLAY			
1.00	D2	PP=2.5kg/cm2		0.60		Stiff light grey and purplish grey slightly silty CLAY		1.0	
				(0.50)		LONDON CLAY			
									
									
1.50	D3	PP=2.4kg/cm2	19.73	1.10		Firm to stiff orange and grey silty CLAY		1.5	
				(0.70)		LONDON CLAY			
									
									
2.00	D4	PP=2.5kg/cm2	19.03	1.80		Firm to stiff grey and occasionally orange slightly sandy silty weakly cemented CLAY. Sand is fine		2.0	
2.00	D5			(1.20)		LONDON CLAY			
									
									
2.50	D6	PP=1.6kg/cm2						2.5	
									
									
									
									
			17.83	3.00		End of Trial Pit at 3.00m		3.0	
								3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.90m								
Remarks					 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP09			
	Contract Number: GE23094	Date Started: 14/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1				
	Easting: 451355.8	Northing: 114144.4	Ground Level: 22.56mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25				
Trial Pit Log		Weather: Cloudy, dry, warm		Hole Termination:			Stability: Sides stable			
Samples & In Situ Testing				Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description				
0.40	ES1		22.36	0.20		Grass over dark brown slightly sandy gravelly CLAY with occasional roots and rootlets				
0.50	B1			(0.40)		TOPSOIL				
0.50	D1					Orange brown clayey fine to medium sub angular to sub rounded flint GRAVEL with occasional rootlets			0.5	
			21.96	0.60		RIVER TERRACE DEPOSITS				
						Firm orange and grey silty CLAY				
						WITTERING FORMATION				
1.00	D2	PP=1.7kg/cm2		(1.00)					1.0	
1.50	D3	PP=1.2kg/cm2							1.5	
			20.96	1.60		Firm orange and grey silty laminated CLAY				
						LONDON CLAY				
2.00	D4	PP=2kg/cm2		(1.10)					2.0	
2.50	D5	PP=1.6kg/cm2							2.5	
			19.86	2.70		Firm orange and grey mottled silty loosely cemented CLAY				
				(0.30)		LONDON CLAY				
3.00	D6		19.56	3.00		End of Trial Pit at 3.00m			3.0	
									3.5	
Dimensions:					Photo:					
Final Depth:	3.00m				 PhotoofPit					
Final Width:	0.60m									
Final Length:	1.80m									
Remarks					 PhotoofSpoil					
Groundwater not encountered										
Water Strikes (mbgl)										
Depth Strike	Rose to		Time Elapsed (mins)							

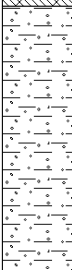
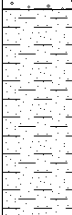
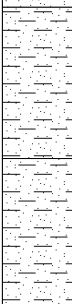
 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP10		
	Contract Number: GE23094	Date Started: 14/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451397.3	Northing: 114131.8	Ground Level: 21.50mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Cloudy, dry, warm			Hole Termination:		Stability: Sides stable		
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.50	D1	PP=3.5kg/cm2	21.25	0.25		Grass over dark brown sandy CLAY with frequent roots and rootlets TOPSOIL	0.5		
				(0.45)		Stiff orange brown slightly gravelly CLAY with occasional rootlets. Gravel is fine to medium sub angular to sub rounded of flint RIVER TERRACE DEPOSITS			
1.00	B1 D2	PP=2.6kg/cm2	20.80	0.70		Stiff orange and grey slightly gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of flint RIVER TERRACE DEPOSITS	1.0		
1.00				(0.50)					
1.50	D3	PP=1.5kg/cm2	20.30	1.20		Firm orange and grey silty CLAY LONDON CLAY	1.5		
				(0.90)					
2.00	D4 ES1	PP=2.3kg/cm2	19.40	2.10		Firm orange and brown slightly silty CLAY LONDON CLAY	2.0		
2.00				(0.90)					
2.50	D5	PP=2.5kg/cm2	18.50	3.00		End of Trial Pit at 3.00m	2.5		
				(0.90)					
3.00	D6	PP=2.6kg/cm2					3.0		
				(0.90)					
							3.5		
Dimensions:						Photo:			
Final Depth:	3.00m			 PhotoofPit					
Final Width:	0.60m								
Final Length:	1.90m								
Remarks						 PhotoofSpoil			
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP12		
	Contract Number: GE23094	Date Started: 15/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451320.1	Northing: 114081.2	Ground Level: 17.65mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Sunny, dry, hot		Hole Termination:			Stability: Sides stable		
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.50	D1	PP=4.2kg/cm2	17.50	0.15		Grass over dark brown slightly gravelly silty CLAY with frequent roots and rootlets TOPSOIL	0.5		
			(0.45)		Very stiff orange brown slightly gravelly CLAY with occasional rootlets possibly desiccated RIVER TERRACE DEPOSITS				
1.00	D2	PP=2.8kg/cm2	17.05	0.60		Stiff orange and grey mottled CLAY with rare rootlets LONDON CLAY	1.0		
			(0.50)						
1.50	D3	PP=2.5kg/cm2	16.55	1.10		Stiff orange and grey mottled CLAY LONDON CLAY	1.5		
			(0.70)						
2.00	D4	PP=2.1kg/cm2	15.85	1.80		Stiff orange and grey slightly sandy CLAY. Sand is coarse LONDON CLAY	2.0		
			(1.20)						
2.50	D5	PP=2.5kg/cm2					2.5		
3.00	D6		14.65	3.00		End of Trial Pit at 3.00m	3.0		
Dimensions:					Photo:				
Final Depth:	3.00m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	2.10m								
Remarks					 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP13		
	Contract Number: GE23094	Date Started: 14/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451383.8	Northing: 114085.8	Ground Level: 18.01mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Sunny, warm, dry		Hole Termination:		Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.40 0.50	ES1 D1	PP=3kg/cm2	17.86	0.15 (0.55)		Grass over dark brown slightly sandy silty CLAY with frequent roots and rootlets TOPSOIL Stiff brown slightly sandy CLAY with occasional rootlets WITTERING FORMATION		0.5	
1.00	D2	PP=1.5kg/cm2	17.31	0.70 (0.50)		Firm orange and grey slightly sandy silty CLAY. Sand is fine WITTERING FORMATION		1.0	
1.50	D3		16.81	1.20 (0.60)		Firm orange and grey very sandy silty CLAY. Sand is fine WITTERING FORMATION		1.5	
2.00	D4	PP=2kg/cm2	16.21	1.80 (0.40)		Firm orange brown silty CLAY with occasional flint gravel WITTERING FORMATION		2.0	
2.50	D5	PP=1.7kg/cm2	15.81	2.20 (0.40)		Firm orange and grey slightly silty sandy CLAY. Sand is fine WITTERING FORMATION		2.5	
3.00	D6	PP=1.6kg/cm2	15.41	2.60 (0.40)		Stiff orange and grey mottled CLAY LONDON CLAY		3.0	
			15.01	3.00		End of Trial Pit at 3.00m		3.0	
								3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 14/08/2025 13:39 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.80m								
Remarks					 14/08/2025 13:39 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

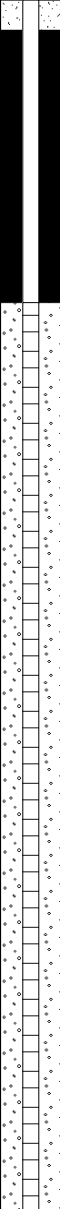
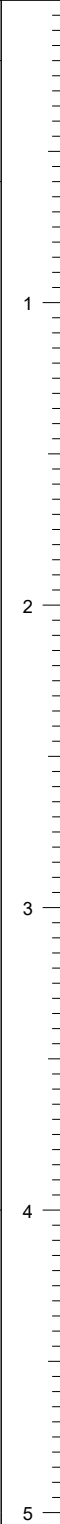
 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP14		
	Contract Number: GE23094	Date Started: 13/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451445.3	Northing: 114069.7	Ground Level: 16.40mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log									
Weather: Overcast, dry, warm			Hole Termination:			Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.25	ES1	PP=1.5kg/cm2	16.25	0.15		Crop stubble over dark brown silty CLAY with occasional roots and rootlets		0.5	
0.50	D1			(0.65)		TOPSOIL			
						Firm to stiff orange brown silty sandy CLAY with rare rootlets WITTERING FORMATION			
1.00	D2	PP=1.6kg/cm2	15.60	0.80		Firm orange brown sandy gravelly CLAY. Sand is fine and gravel is fine to medium sub angular to sub rounded of flint WITTERING FORMATION		1.0	
1.00	ES2			(0.90)					
1.50	D3	PP=2.6kg/cm2						1.5	
			14.70	1.70		Firm orange brown slightly sandy silty CLAY. Sand is fine WITTERING FORMATION		2.0	
2.00	D4	PP=1.7kg/cm2		(0.60)				2.5	
			14.10	2.30		Stiff orange brown slightly sandy CLAY. Sand is fine WITTERING FORMATION			
2.50	D5	PP=3kg/cm2	13.80	2.60		Firm brown very sandy CLAY. Sand is fine WITTERING FORMATION		3.0	
				(0.40)					
3.00	D6		13.40	3.00		Firm orange brown slightly sandy gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of flint and sand is fine WITTERING FORMATION			
			13.20	3.20		End of Trial Pit at 3.20m		3.5	
Dimensions:					Photo:				
Final Depth:	3.20m				 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.90m								
Remarks					 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike		Rose to		Time Elapsed (mins)					

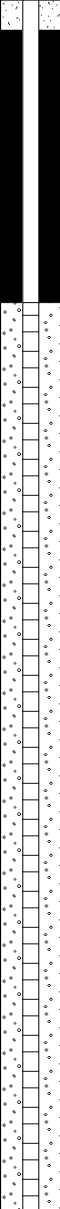
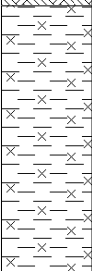
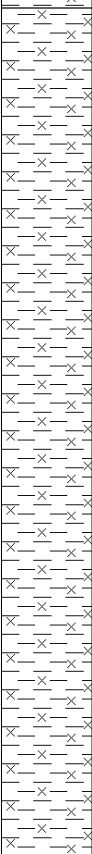
 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP15		
	Contract Number: GE23094	Date Started: 13/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451475.6	Northing: 114112.9	Ground Level: 18.16mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Overcast, dry, warm		Hole Termination:		Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.15	ES1	PP=4kg/cm2	17.96	0.20		Crop stubble over dark brown sandy gravelly CLAY with occasional roots and rootlets TOPSOIL		0.5	
0.50	D1		17.56	(0.40)		Stiff orange brown sandy CLAY with occasional rootlets possibly desiccated WITTERING FORMATION			
1.00	D2	PP=2.3kg/cm2	16.86	0.60		Stiff orange and grey very sandy CLAY with occasional flint gravel WITTERING FORMATION		1.0	
1.50	D3			(0.70)		Stiff orange and grey slightly silty sandy CLAY. Sand is fine WITTERING FORMATION			
2.00	D4	PP=2.4kg/cm2	16.36	1.80		Firm orange and grey silty very sandy CLAY. Sand is fine WITTERING FORMATION		2.0	
2.50	D5			(0.90)		Stiff orange brown slightly sandy CLAY WITTERING FORMATION			
3.00	D6		15.46	2.70		Stiff orange brown slightly sandy CLAY WITTERING FORMATION		2.5	
			15.16	3.00		End of Trial Pit at 3.00m			
Dimensions:					Photo:				
Final Depth:	3.00m				 				
Final Width:	0.60m								
Final Length:	1.90m								
Remarks									
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

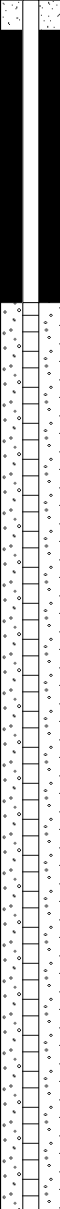
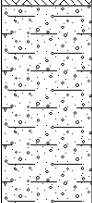
 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP16			
	Contract Number: GE23094	Date Started: 13/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1				
	Easting: 451506.6	Northing: 114179.2	Ground Level: 20.40mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25				
Trial Pit Log				Weather: Overcast, dry, warm		Hole Termination:		Stability: Sides stable		
Samples & In Situ Testing			Strata Details						Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description				
0.50 0.50	B1 D1	PP=3.6kg/cm2	20.20	0.20		Crop stubble over dark brown slightly sandy gravelly CLAY with occasional roots and rootlets TOPSOIL			0.5	
1.00	D2		19.30	1.10		Firm to stiff orange brown very gravelly CLAY with rare rootlets. Gravel is fine to coarse sub angular to sub rounded of flint RIVER TERRACE DEPOSITS			1.0	
1.50	D3	18.60	1.80		Stiff orange and grey slightly sandy CLAY with occasional flint cobbles WITTERING FORMATION			1.5		
2.00	D4	18.10	2.30		Firm to stiff orange and grey sandy CLAY. Sand is fine WITTERING FORMATION			2.0		
2.50	D5	17.60	2.80		Firm to stiff orange and grey very sandy CLAY WITTERING FORMATION			2.5		
3.00	D6	17.40	3.00		Orange and yellow slightly clayey fine SAND WITTERING FORMATION			3.0		
						End of Trial Pit at 3.00m			3.0	
									3.5	
Dimensions:						Photo:				
Final Depth:	3.00m					 PhotoofPit				
Final Width:	0.60m									
Final Length:	1.80m									
Remarks						 PhotoofSpoil				
Groundwater not encountered										
Water Strikes (mbgl)										
Depth Strike	Rose to		Time Elapsed (mins)							

 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP17		
	Contract Number: GE23094	Date Started: 13/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451543.1	Northing: 114153.3	Ground Level: 18.16mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log		Weather: Overcast, dry, warm		Hole Termination:		Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.10	ES1		18.01	0.15		Crop stubble over dark brown slightly sandy gravelly CLAY with frequent roots and rootlets		0.5	
				(0.45)		TOPSOIL			
0.50	D1					Stiff brown gravelly CLAY with occasional rootlets			
						RIVER TERRACE DEPOSITS			
			17.56	0.60		Stiff brown very gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of flint			
						RIVER TERRACE DEPOSITS			
1.00	D2					Stiff brown very gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of flint		1.0	
1.00	ES2					RIVER TERRACE DEPOSITS			
			16.86	1.30		Orange brown very clayey fine to medium sub angular to sub rounded flint GRAVEL			
1.50	D3					RIVER TERRACE DEPOSITS		1.5	
						RIVER TERRACE DEPOSITS			
			16.26	1.90		Firm orange brown silty gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of flint		2.0	
2.00	D4					RIVER TERRACE DEPOSITS			
						RIVER TERRACE DEPOSITS			
			15.76	2.40		Firm orange brown and grey laminated silty sandy CLAY. Sand is fine		2.5	
2.50	D5					WITTERING FORMATION			
			15.46	2.70		Orange and grey slightly clayey fine SAND			
						WITTERING FORMATION			
3.00	D6		15.16	3.00		End of Trial Pit at 3.00m		3.0	
								3.5	
Dimensions:					Photo:				
Final Depth:	3.00m				 				
Final Width:	0.60m								
Final Length:	2.10m								
Remarks									
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

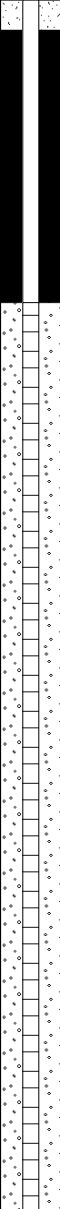
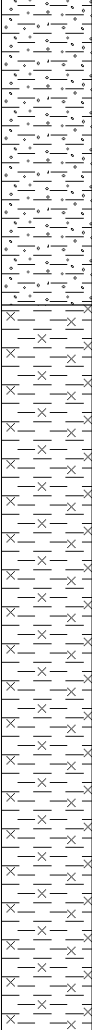
 Geo-Environmental	Contract Name: Holly Tree Farm			Client: Bloor Homes Southern			Trial Pit ID: TP18		
	Contract Number: GE23094	Date Started: 14/08/2025	Logged By: FG	Checked By: GR	Status: FINAL	Sheet 1 of 1			
	Easting: 451581.2	Northing: 114241.8	Ground Level: 15.91mOD	Plant Used: JCB	Date Printed: 16/10/2025	Scale: 1:25			
Trial Pit Log									
Weather: Cloudy, dry slightly breezy			Hole Termination:			Stability: Sides stable			
Samples & In Situ Testing			Strata Details					Water	Backfill
Depths	Sample ID	Test Result	Reduced Level	Depth (m) (Thickness)	Legend	Strata Description			
0.30	ES1	PP=2.5kg/cm2	15.76	0.15		Grass over dark brown sandy gravelly CLAY with frequent roots and rootlets		0.5	
0.50	D1		(0.65)	TOPSOIL		Stiff orange brown very sandy CLAY with rare rootlets			
1.00	B1 D2	PP=2.5kg/cm2	15.11	0.80		Stiff orange brown slightly silty sandy CLAY. Sand is fine		1.0	
1.00			(0.50)	WITTERING FORMATION					
1.50	D3	PP=2.1kg/cm2	14.61	1.30		Stiff orange brown slightly sandy silty CLAY. Sand is fine		1.5	
			(0.50)	WITTERING FORMATION					
2.00	D4	PP=1.6kg/cm2	14.11	1.80		Firm to stiff orange brown slightly silty very sandy CLAY. Sand is fine		2.0	
			(1.10)	WITTERING FORMATION					
2.50	D5	PP=1.4kg/cm2				Firm to stiff orange brown sandy gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of flint and sand is fine		2.5	
						WITTERING FORMATION			
3.00	D6		13.01	2.90		Firm to stiff orange brown sandy gravelly CLAY. Gravel is fine to medium sub angular to sub rounded of flint and sand is fine		3.0	
			12.81	3.10	WITTERING FORMATION		End of Trial Pit at 3.10m		
Dimensions:					Photo:				
Final Depth:	3.10m				 14/08/2025 08:28 PhotoofPit				
Final Width:	0.60m								
Final Length:	1.80m								
Remarks					 14/08/2025 08:28 PhotoofSpoil				
Groundwater not encountered									
Water Strikes (mbgl)									
Depth Strike	Rose to		Time Elapsed (mins)						

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS01 Sheet 1 of 1		
Project Name: Holly Tree Farm				Project No. GE23094		Co-ords: 451290E - 114086N		Hole Type WLS		
Location: Boorley Green				Level: 17.59		Scale 1:25				
Client: Bloor Homes Southern				Dates: 12/08/2025		Logged By GR				
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.20	17.39		Grass over brown clayey SILT TOPSOIL		
		0.40	PP	4.5kg/cm2				Very stiff brown very silty CLAY with some fmc flint gravel RIVER TERRACE DEPOSITS		
		0.50	D							
		0.60			16.99			Very stiff becoming stiff light grey amd light brown slightly fine sandy silty CLAY LONDON CLAY		
		0.80	PP	2.0kg/cm2						
		1.00	D							
		1.00	S	N=8 (2,2/2,2,2,2)						
		1.30	PP	2.0kg/cm2						
		1.50	D							
		1.80	PP	2.0kg/cm2						
		2.00	D							
		2.00	S	N=8 (2,2/2,2,2,2)						
		2.20	PP	2.0kg/cm2						
		2.50	D							
		2.70	PP	2.0kg/cm2						
		3.00	D							
	3.00	S	N=18 (4,4/5,4,4,5)							
	3.50	D								
	4.00	D			4.00	13.59		End of Borehole at 4.00m		
	4.00	S	N=22 (4,4/5,5,6,6)							
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike							Rose To
				 Status FINAL						

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log Borehole No. WS03 Sheet 1 of 1						
Project Name: Holly Tree Farm		Project No. GE23094		Co-ords: 451316E - 114180N		Hole Type WLS				
Location: Boorley Green				Level: 23.70		Scale 1:25				
Client: Bloor Homes Southern				Dates: 13/08/2025		Logged By GR				
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.30	23.40		Grass over brown silty CLAY. Dry and friable TOPSOIL	1	
		0.50	D					Very stiff yellowish brown and light grey mottled silty to very silty CLAY LONDON CLAY FORMATION		
		0.70	PP	3.5kg/cm2						
		1.00	D							
		1.00	S	N=12 (2,2/3,3,3,3)	1.20	22.50		Stiff light brown yellow and brownish grey closely to extremely closely fissured silty CLAY with occasional silt partings LONDON CLAY	2	
		1.50	D							
		1.60	PP	3.0kg/cm2						
		2.00	D							
		2.00	S	N=10 (2,2/2,3,3,2)						
		2.50	D							
		2.60	PP	2.5kg/cm2						
		3.00	D							
	3.00	S	N=12 (2,2/2,3,3,4)					3		
	3.50	D								
	3.60	PP	2.0kg/cm2							
	4.00	D								
	4.00	S	N=22 (4,4/4,6,6,6)	4.00	19.70		End of Borehole at 4.00m	4		
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike							Rose To
 Status FINAL										

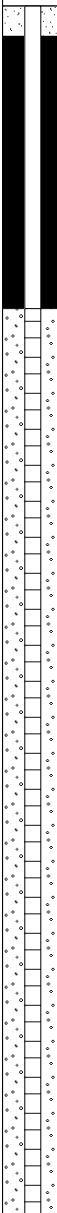
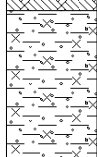
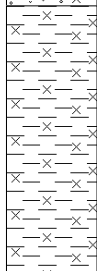
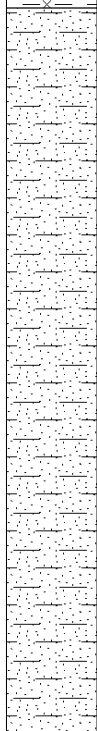
 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log			Borehole No. WS04 Sheet 1 of 1					
Project Name: Holly Tree Farm		Project No. GE23094		Co-ords: 451463E - 114129N		Hole Type WLS				
Location: Boorley Green				Level: 19.87		Scale 1:25				
Client: Bloor Homes Southern				Dates: 12/08/2025		Logged By GR				
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.30	19.57		Light greysih brown silty SAND with some fmc flint gravel TOPSOIL	1	
		0.50	D					Light brown and orange-brown sandy clayey fmc flint GRAVEL RIVER TERRACE DEPOSITS		
	1.00	D								
		1.00	C	N=27 (5,4/5,6,8,8)	1.10	18.77				
		1.30	PP	2.5kg/cm2	1.40	18.47		Stiff light grey and light brown CLAY RIVER TERRACE DEPOSITS	2	
		1.50	D					Brown clayey fmc flint GRAVEL RIVER TERRACE DEPOSITS		
		1.80	PP	2.5kg/cm2	1.70	18.17		Stiff light brown and light grey silty to very silty CLAY WITTERING FORMATION		
		2.00	D							
		2.00	S	N=13 (3,3/3,3,3,4)						
		2.20	PP	2.5kg/cm2	2.30	17.57				
		2.50	D					Light grey, orange-brown and light brown mottled clayey fine sandy SILT to clayey silty SAND WITTERING FORMATION	3	
		3.00	D							
		3.00	S	N=16 (3,4/3,4,4,5)						
			3.50	D						
		4.00	D		4.00	15.87				
	4.00	S	N=17 (4,4/3,4,5,5)							
End of Borehole at 4.00m									4	
									5	
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike							Rose To


Status
FINAL

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log Borehole No. WS05 Sheet 1 of 1						
Project Name: Holly Tree Farm		Project No. GE23094		Co-ords: 451387E - 114154N		Hole Type WLS				
Location: Boorley Green				Level: 22.74		Scale 1:25				
Client: Bloor Homes Southern				Dates: 13/08/2025		Logged By GR				
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.30	22.44		Grass over brown silty CLAY. Dry and friable TOPSOIL	1	
		0.50	D					Stiff light brown and light grey very gravelly CLAY. Gravel is fmc flint RIVER TERRACE DEPOSITS		
		1.00	D						2	
		1.00	C	N=11 (8,3/2,3,3,3)						
		1.50	D							
		1.50	PP	2.5kg/cm2	1.60	21.14				
		1.80	PP	2.0kg/cm2						
		2.00	D							
		2.00	S	N=11 (2,2/2,3,3,3)						
		2.50	D							
		2.60	PP	2.0kg/cm2						
		2.90	PP	2.0kg/cm2						
		3.00	D							
		3.00	S	N=13 (3,3/3,3,3,4)						
		3.10	PP	2.0kg/cm2						
		3.50	D							
	3.50	PP	2.0kg/cm2							
	3.90	PP	2.0kg/cm2							
	4.00	D		4.00	18.74			4		
	4.00	S	N=24 (5,4/6,6,6,6)							
							End of Borehole at 4.00m	5		
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike							Rose To



Status
FINAL

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS06 Sheet 1 of 1		
Project Name: Holly Tree Farm				Project No. GE23094		Co-ords: 451490E - 114230N		Hole Type WLS		
Location: Boorley Green				Level: 21.15		Scale 1:25				
Client: Bloor Homes Southern				Dates: 12/08/2025		Logged By GR				
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.20	20.95		Stubble over brown sandy SILT with fmc flint gravel TOPSOIL		
		0.50	D					Very stiff light brown and light grey mottled silty to very silty CLAY with occasional fmc flint gravel RIVER TERRACE DEPOSITS <i>Visibly desiccated</i>		
		0.80	PP	4.5kg/cm2	0.70	20.45		Very stiff light brown and light grey mottled silty to very silty CLAY WITTERING FORMATION		
		1.00	D							
		1.00	S	N=15 (2,3/3,4,4,4)						
		1.50	D		1.60	19.55				
				2.00	D					Light brown , light grey and orange-brown mottled clayey very silty fm SAND WITTERING FORMATION
				2.00	S	N=20 (3,4/4,5,5,6)				
				2.50	D					
				3.00	D					
		3.00	S	N=24 (3,6/6,6,6,6)				3		
		3.50	D							
		4.00	D		4.00	17.15			4	
		4.00	S	N=23 (5,5/5,6,6,6)				End of Borehole at 4.00m	5	
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike							Rose To
					 Status FINAL					



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Borehole Log

Borehole No.

WS07

Sheet 1 of 1

Project Name: Holly Tree Farm

Project No.
GE23094

Co-ords: 451614E - 114192N

Hole Type	WLS
1	0.0000
2	0.0000
3	0.0000
4	0.0000
5	0.0000
6	0.0000
7	0.0000
8	0.0000
9	0.0000
10	0.0000
11	0.0000
12	0.0000
13	0.0000
14	0.0000
15	0.0000
16	0.0000
17	0.0000
18	0.0000
19	0.0000
20	0.0000
21	0.0000
22	0.0000
23	0.0000
24	0.0000
25	0.0000
26	0.0000
27	0.0000
28	0.0000
29	0.0000
30	0.0000
31	0.0000
32	0.0000
33	0.0000
34	0.0000
35	0.0000
36	0.0000
37	0.0000
38	0.0000
39	0.0000
40	0.0000
41	0.0000
42	0.0000
43	0.0000
44	0.0000
45	0.0000
46	0.0000
47	0.0000
48	0.0000
49	0.0000
50	0.0000
51	0.0000
52	0.0000
53	0.0000
54	0.0000
55	0.0000
56	0.0000
57	0.0000
58	0.0000
59	0.0000
60	0.0000
61	0.0000
62	0.0000
63	0.0000
64	0.0000
65	0.0000
66	0.0000
67	0.0000
68	0.0000
69	0.0000
70	0.0000
71	0.0000
72	0.0000
73	0.0000
74	0.0000
75	0.0000
76	0.0000
77	0.0000
78	0.0000
79	0.0000
80	0.0000
81	0.0000
82	0.0000
83	0.0000
84	0.0000
85	0.0000
86	0.0000
87	0.0000
88	0.0000
89	0.0000
90	0.0000
91	0.0000
92	0.0000
93	0.0000
94	0.0000
95	0.0000
96	0.0000
97	0.0000
98	0.0000
99	0.0000
100	0.0000

Location: Boorley Green

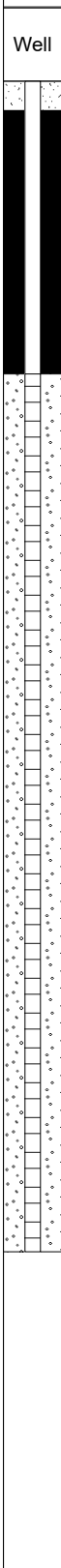
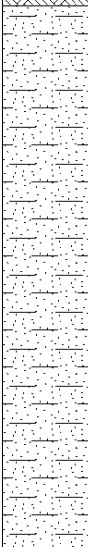
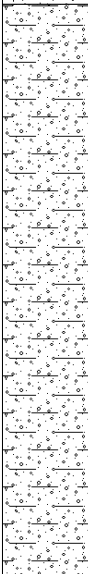
Level: 15.37

Scale
1:25

Client: Bloor Homes Southern

Dates: 12/08/2025

Logged By
GR

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10	ES	N=16 (3,4/4,4,4,4)	0.30	15.07		Brown silty SAND TOPSOIL	1 — 2 — 3 — 4 — 5 —	
		0.50	D					Brown silty clayey SAND with rare fm flint gravel RIVER TERRACE DEPOSITS		
		1.00	D							
		1.00	S							
		1.50	D							
		2.00	D	N=4 (1,1/1,1,1,1)	2.10	13.27		Becoming firm fine sandy clayey SILT (PP 1.0 at 1.8m bgl)		2 —
		2.00	S							
		3.00	C	N=10 (2,2/2,3,2,3)						3 —
		3.50	D							
		4.00	C	N=17 (4,4/4,4,5,4)	4.00	11.37		End of Borehole at 4.00m		4 —
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike							Rose To
					Unstable and poor recovery from c. 2m bgl!					Status FINAL



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Geo-Environmental www.gesl.net

Borehole Log

Borehole No.

WS08

Sheet 1 of 1

Project Name: Holly Tree Farm

Project No.
GE23094

Co-ords: 451643E - 114237N

Hole Type	WLS
-----------	-----

Location: Boorley Green

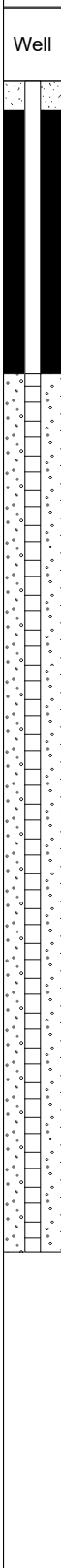
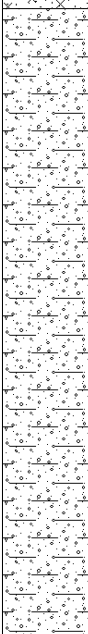
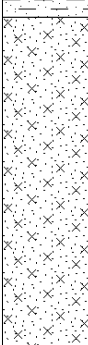
Level:	14.38
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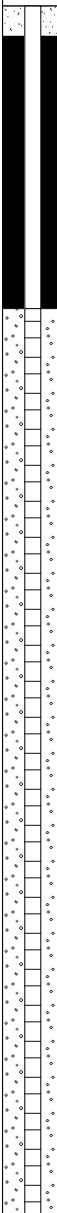
Scale
1:25

Client: Bloor Homes Southern

Dates: 12/08/2025

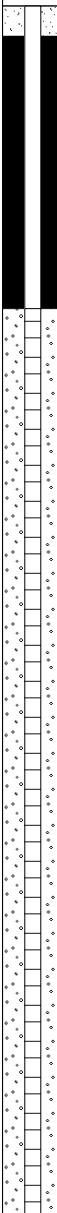
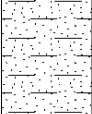
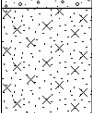
Logged By
GR

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.10	ES		0.30	14.08		Grass over brown silty SAND TOPSOIL	1 2 3 4 5	
		0.50	D				N=11 (2,2/3,3,2,3)			Brown slightly clayey silty SAND RIVER TERRACE DEPOSITS
		1.00 1.00	D C	N=15 (2,3/3,4,4,4)		Brown clayey sandy fmc flint GRAVEL RIVER TERRACE DEPOSITS				
		1.50	D	N=23 (4,5/5,6,6,6)		Stiff light brown sandy CLAY WITTERING FORMATION				
		2.00 2.00	D C	1.5kg/cm2		Light brown to light greenish brown silty SAND WITTERING FORMATION				
		2.50	D	N=17 (4,5/5,4,4,4)		End of Borehole at 4.00m				
		2.80 2.80	D PP	N=17 (4,5/5,4,4,4)		End of Borehole at 4.00m				
		3.00 3.00	D S	N=17 (4,5/5,4,4,4)		End of Borehole at 4.00m				
3.50	D	N=17 (4,5/5,4,4,4)		End of Borehole at 4.00m						
4.00 4.00	D S	N=17 (4,5/5,4,4,4)		End of Borehole at 4.00m						
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks						
Depth Top	Depth Base	Diameter	Depth Strike						Rose To	
					Wet at c. 3m bgl					
					AGS					
					Status FINAL					

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS09 Sheet 1 of 1	
Project Name: Holly Tree Farm				Project No. GE23094		Co-ords: 451641E - 114287N		Hole Type WLS	
Location: Boorley Green				Level: 14.32		Scale 1:25			
Client: Bloor Homes Southern				Dates: 11/08/2025		Logged By GR			
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.10	14.22	 Grass over brown silty SAND TOPSOIL		
		0.40	ES		Brown slightly clayey silty SAND RIVER TERRACE DEPOSITS				
		0.50	D						
		1.00	D	N=47 (12,12/13,15,10,9)	0.80	13.52	 Light brown silty sandy fmc flint GRAVEL RIVER TERRACE DEPOSITS		
		1.00	C		N=16 (4,4/4,3,4,5)	2.10	12.22		 Yellow silty SAND RIVER TERRACE DEPOSITS
		1.50	D						
		2.00	D	N=19 (3,4/3,4,6,6)	2.40	11.92	 Greenish grey silty fm SAND WITTERING FORMATION		
		2.00	C						
		2.50	D						
		3.00	D	N=20 (3,3/4,5,5,6)	4.00	10.32	End of Borehole at 4.00m		
3.00	S								
3.50	D								
4.00	D								
4.00	S								

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	


Status
FINAL

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS10 Sheet 1 of 1			
Project Name: Holly Tree Farm				Project No. GE23094		Co-ords: 451593E - 114276N		Hole Type WLS			
Location: Boorley Green				Level: 15.51		Scale 1:25					
Client: Bloor Homes Southern				Dates: 12/08/2025		Logged By GR					
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
		Depth (m)	Type	Results							
		0.10	ES		0.20	15.31		Grey silty SAND with much limestone gravel and occasional plastic and metal MADE GROUND Brown silty clayey SAND RIVER TERRACE DEPOSITS	1		
		0.40	ES								
		0.50	D								
				1.00	D	N=11 (1,1/2,2,3,4)	1.40	14.11		Brown clayey sandy fmc flint GRAVEL RIVER TERRACE DEPOSITS	2
			S								
		1.00	D								
				1.50	D		2.90	12.61		Yellowish brown grading to greenish grey silty fm SAND WITTERING FORMATION	3
			D								
		2.00	C								
				2.00	D	N=17 (4,4/5,4,4,4)	4.00	11.51		End of Borehole at 4.00m	4
	D										
2.50	D										
		3.00	D	N=22 (3,3/4,6,6,6)	4.00	11.51		End of Borehole at 4.00m	5		
	S										
3.00	D										
		3.50	D	N=13 (3,3/3,3,3,4)	4.00	11.51		End of Borehole at 4.00m	5		
	D										
4.00	S										
		4.00	S								

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks	 Status FINAL
Depth Top	Depth Base	Diameter	Depth Strike	Rose To		



APPENDIX B

Geotechnical Laboratory Results





LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

37772

Borehole/Pit No.

BH02

Site Name

Holly Tree Farm

Sample No.

2

Project No.

GE23094

Client

GESL

Depth Top

1.20

m

Depth Base

-

m

Sample Type

B

Soil Description

Light grey mottled brown and reddish brown slightly gravelly silty CLAY with sandy patches (gravel is fmc and sub-rounded to sub-angular)

Samples received

19/08/2025

Schedules received

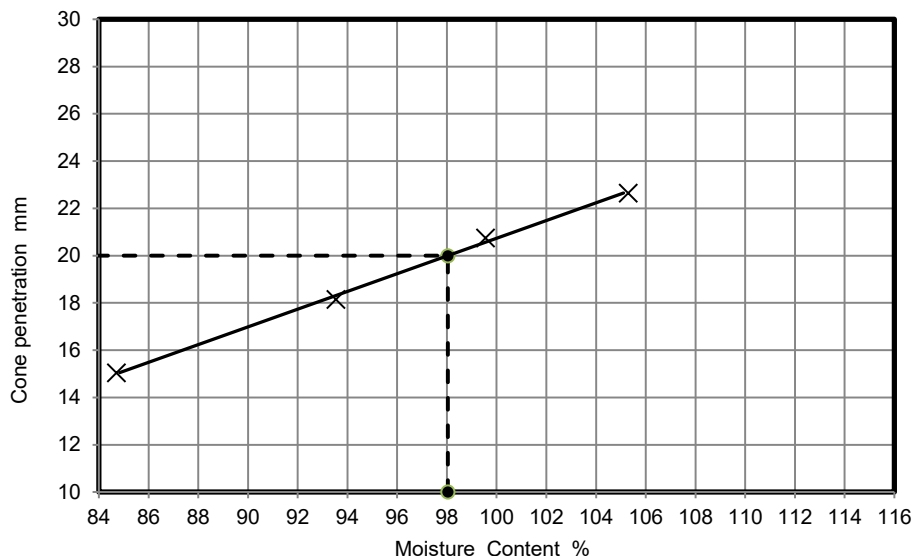
20/08/2025

Project Started

20/08/2025

Date Tested

17/09/2025



WATER CONTENT

28.3

%

% PASSING 425µm SIEVE

95

%

LIQUID LIMIT

98

%

PLASTIC LIMIT

32

%

PLASTICITY INDEX

66

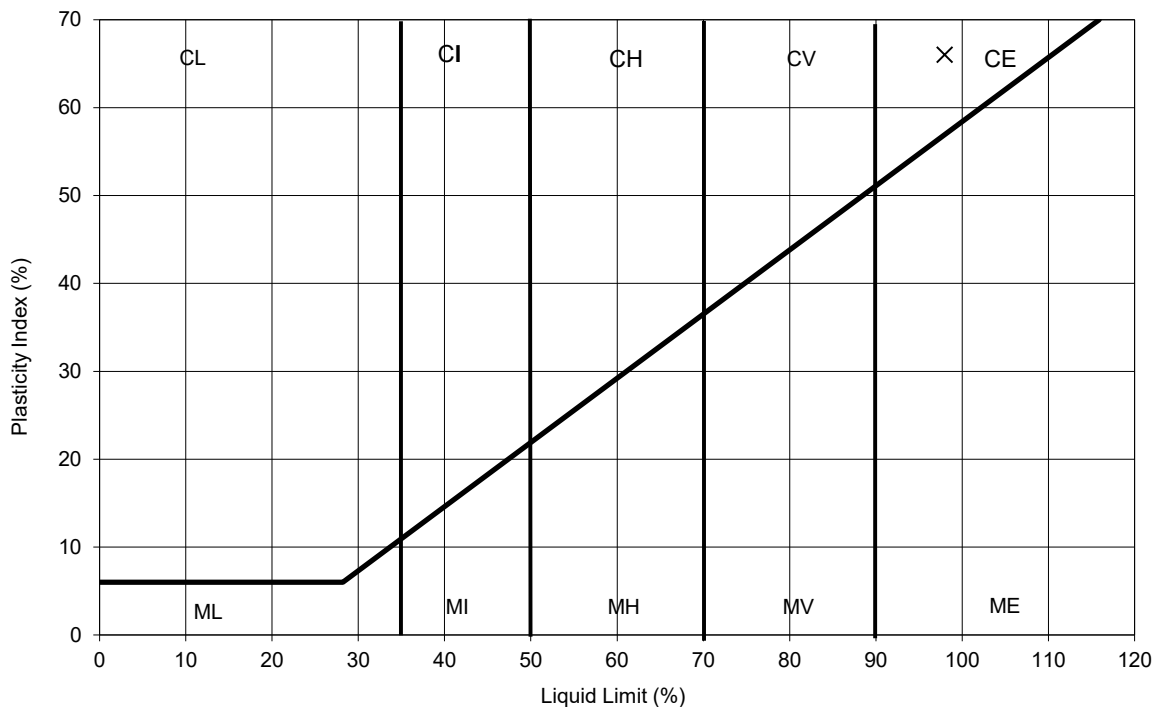
%

Preparation Method

Tested after >425µm removed by hand

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content

BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

These results only apply to the items tested. The report shall not be reproduced except in full without authority of the laboratory

Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

Checked and Approved

Initials: J.P

Date: 19/09/2025

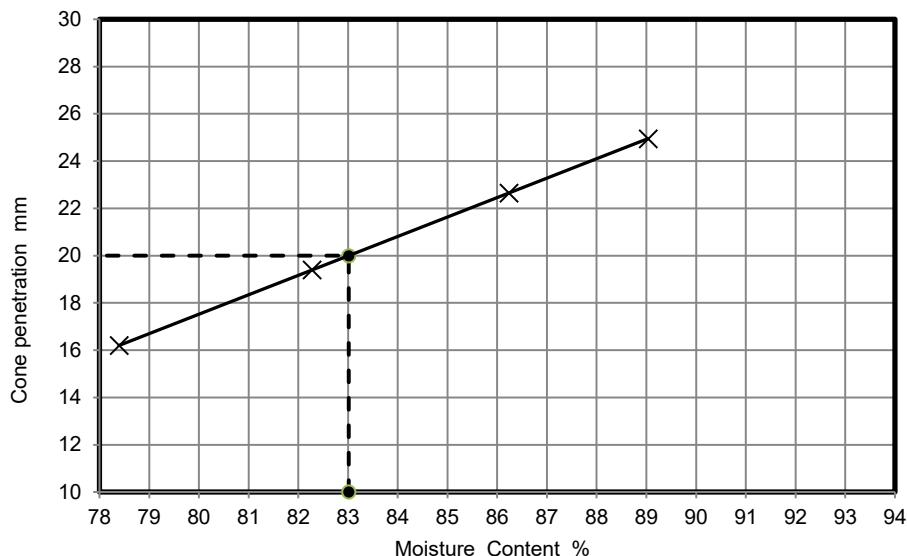
MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	BH03
Sample No.	3
Depth Top	1.20 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	17/09/2025

Site Name	Holly Tree Farm		
Project No.	GE23094	Client	GESL
Soil Description	Light grey mottled orangish brown silty CLAY		

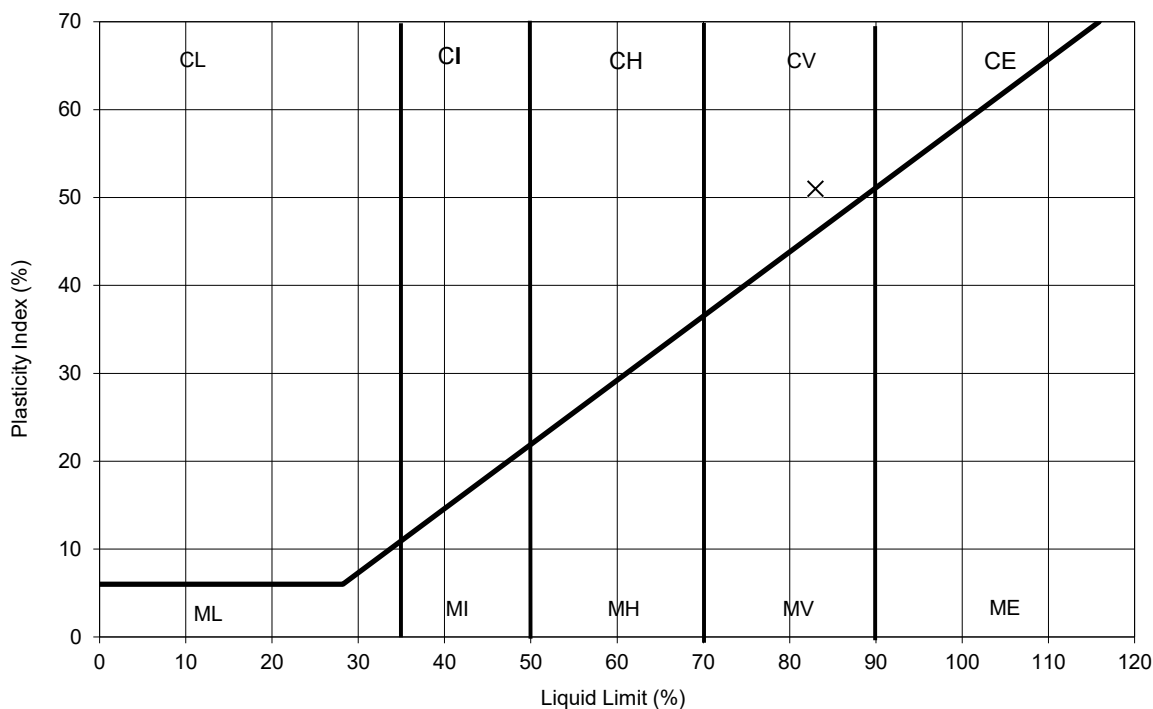


WATER CONTENT	34.3	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	83	%
PLASTIC LIMIT	32	%
PLASTICITY INDEX	51	%

Preparation Method	Tested in natural condition
--------------------	-----------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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MSF-5 R2



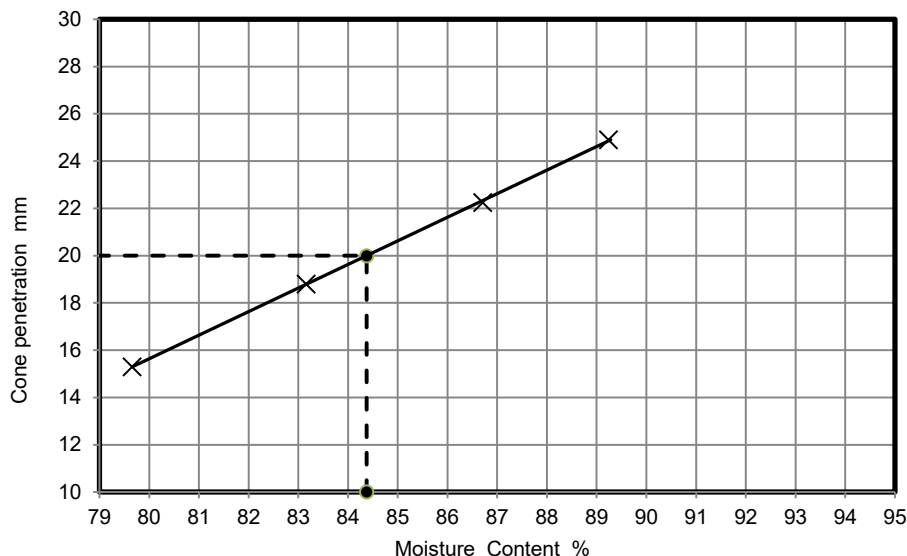
2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	BH03
Sample No.	7
Depth Top	4.00 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	17/09/2025

Site Name	Holly Tree Farm			
Project No.	GE23094	Client	GESL	
Soil Description	Grey silty CLAY with orangish brown sandy patches			

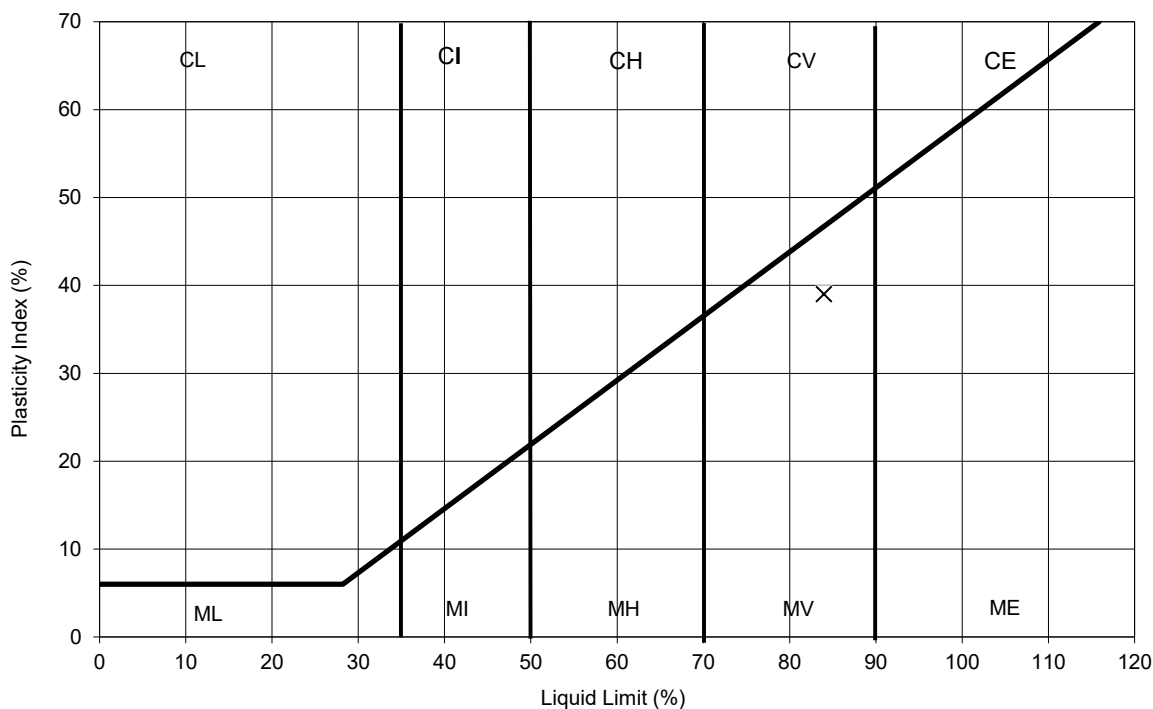


WATER CONTENT	38.4	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	84	%
PLASTIC LIMIT	45	%
PLASTICITY INDEX	39	%

Preparation Method	Tested in natural condition
--------------------	-----------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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Checked and Approved

Initials: J.P

Date: 19/09/2025

MSF-5 R2



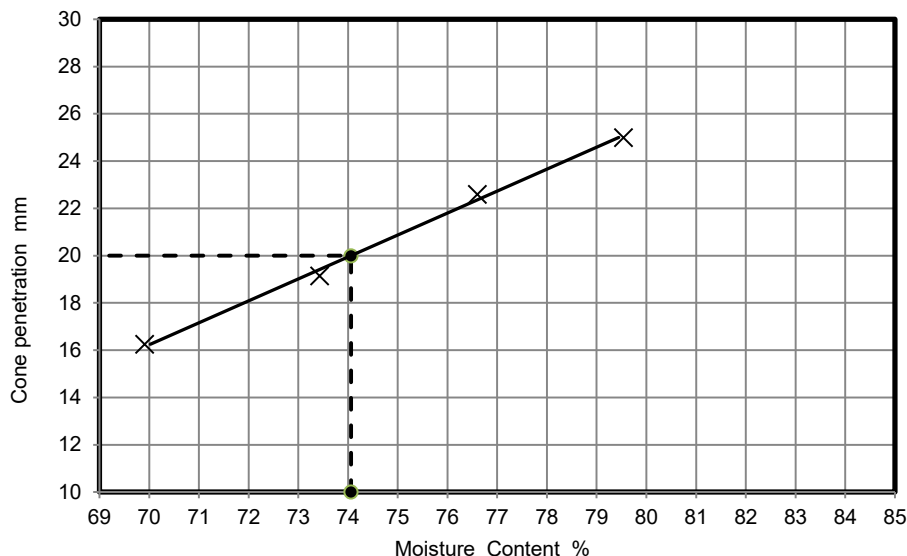
2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	BH03
Sample No.	11
Depth Top	6.00 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	17/09/2025

Site Name	Holly Tree Farm		
Project No.	GE23094	Client	GESL
Soil Description	Grey silty CLAY with light grey sandy patches		

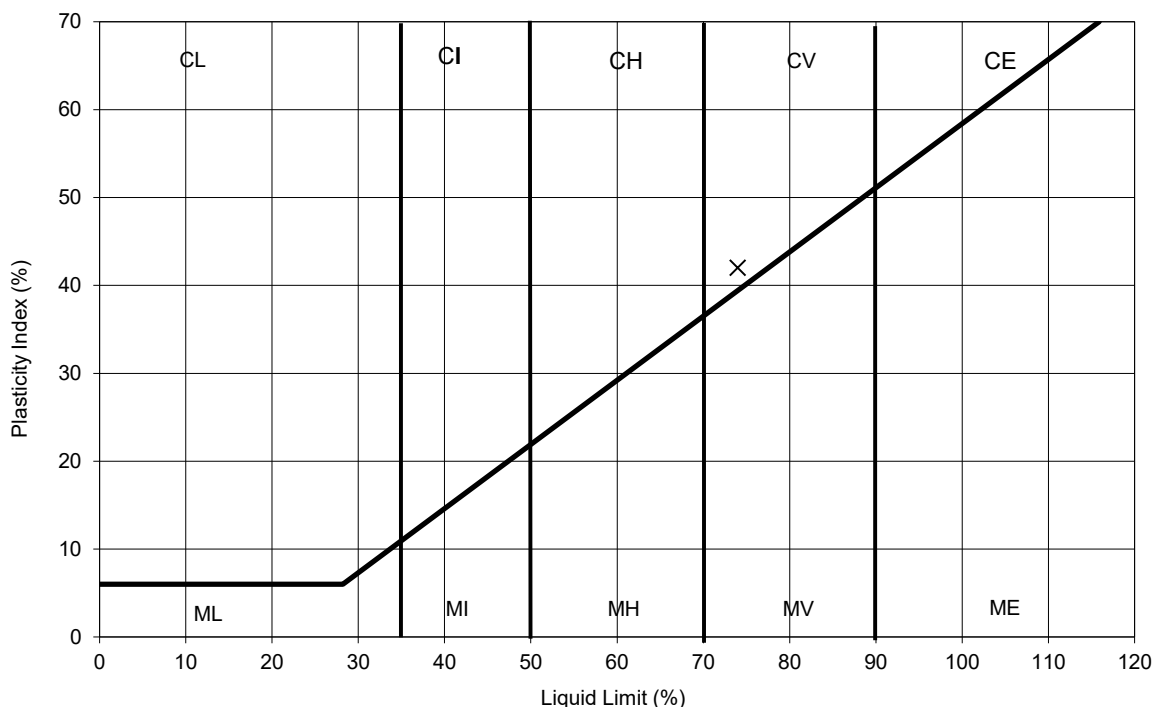


WATER CONTENT	34.8	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	74	%
PLASTIC LIMIT	32	%
PLASTICITY INDEX	42	%

Preparation Method	Tested in natural condition
--------------------	-----------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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Date: 19/09/2025

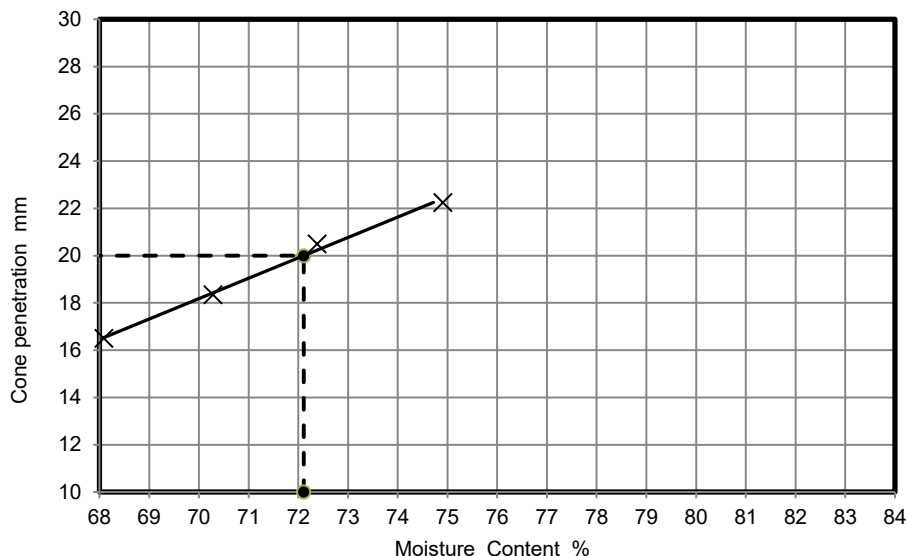
MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	SA02
Sample No.	1
Depth Top	0.50 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	17/09/2025

Site Name	Holly Tree Farm		
Project No.	GE23094	Client	GESL
Soil Description	Greyish brown and orangish brown mottled silty CLAY with sandy patches and rare fine sub-angular gravel		

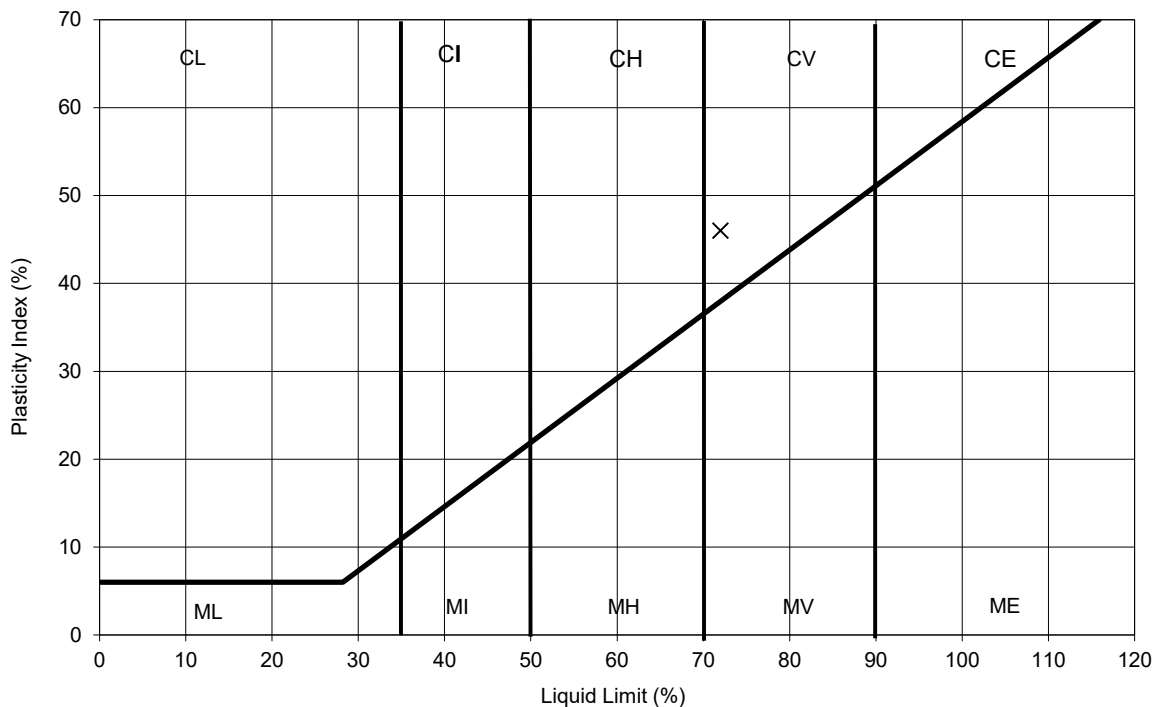


WATER CONTENT	21.4	%
% PASSING 425µm SIEVE	99	%
LIQUID LIMIT	72	%
PLASTIC LIMIT	26	%
PLASTICITY INDEX	46	%

Preparation Method	Tested after >425µm removed by hand
--------------------	-------------------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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Tel: 01923 711 288 Email: James@k4soils.com

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

Checked and Approved

Initials: J.P

Date: 19/09/2025

MSF-5 R2



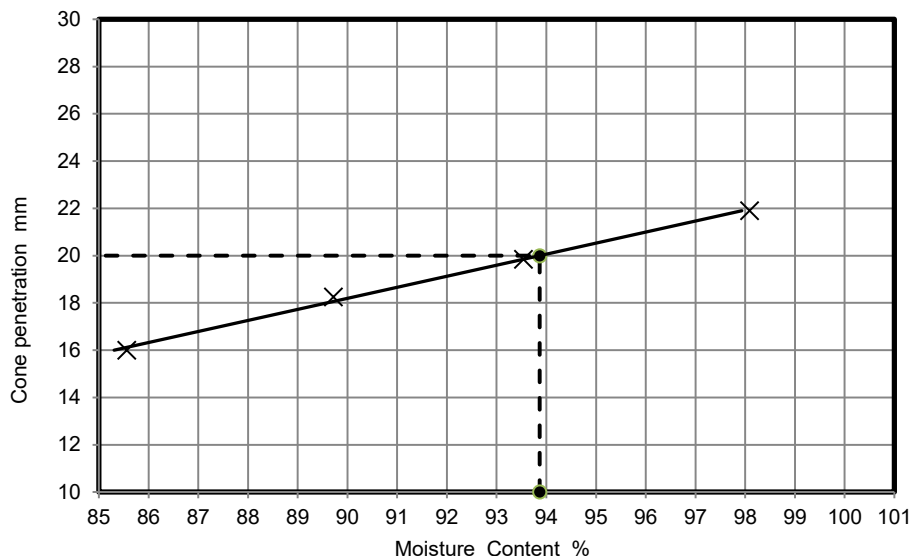
LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	SA03
Sample No.	2
Depth Top	1.00 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	17/09/2025

Site Name Holly Tree Farm

Project No. GE23094 Client GESL

Soil Description Light grey and orangish brown mottled silty CLAY with sandy patches and rare fine sub-angular gravel

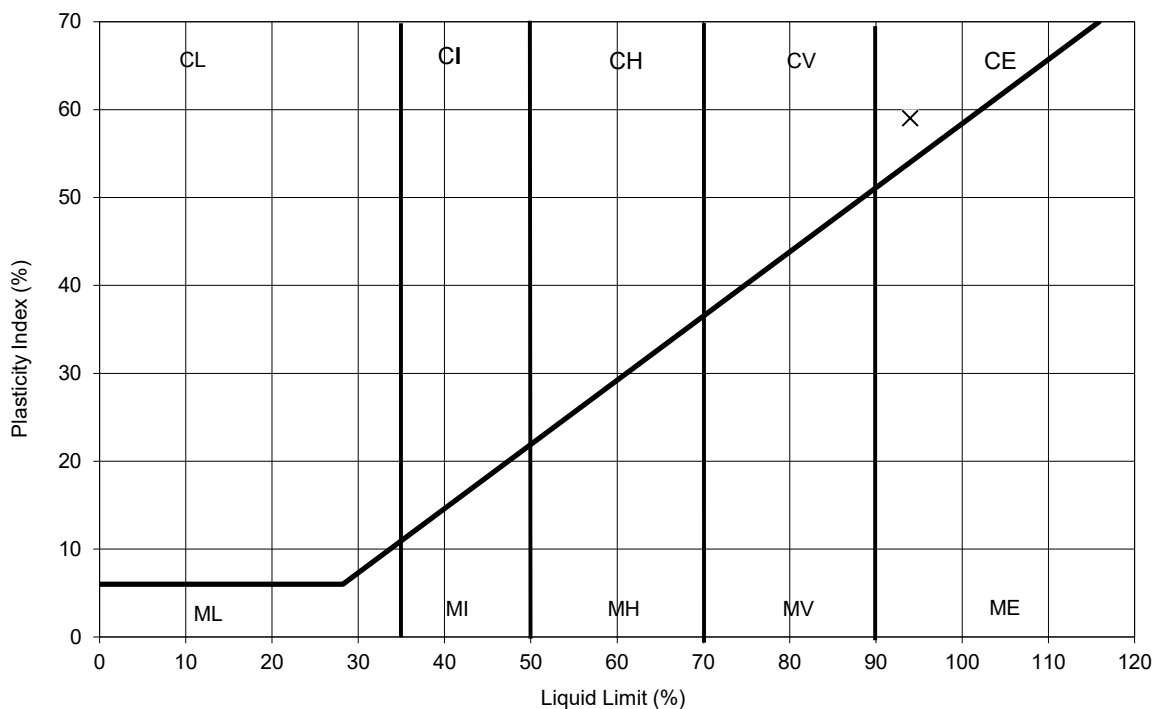


WATER CONTENT	36.9	%
% PASSING 425µm SIEVE	99	%
LIQUID LIMIT	94	%
PLASTIC LIMIT	35	%
PLASTICITY INDEX	59	%

Preparation Method	Tested after >425µm removed by hand
--------------------	-------------------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU
Tel: 01923 711 288 Email: James@k4soils.com

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

Checked and Approved

Initials: J.P

Date: 19/09/2025

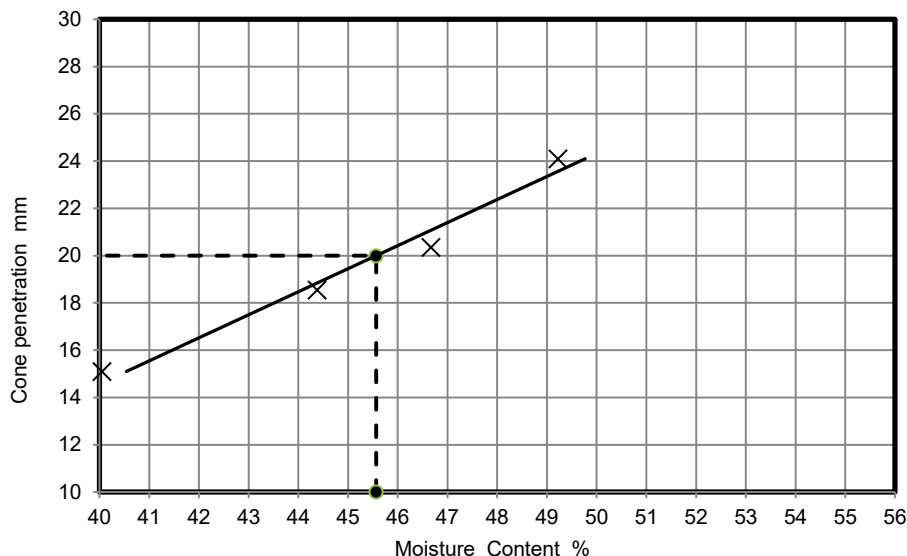
MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	SA04
Sample No.	1
Depth Top	0.50 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	17/09/2025

Site Name	Holly Tree Farm		
Project No.	GE23094	Client	GESL
Soil Description	Brown sandy silty CLAY with fine rootlets and rare fine sub-angular gravel		

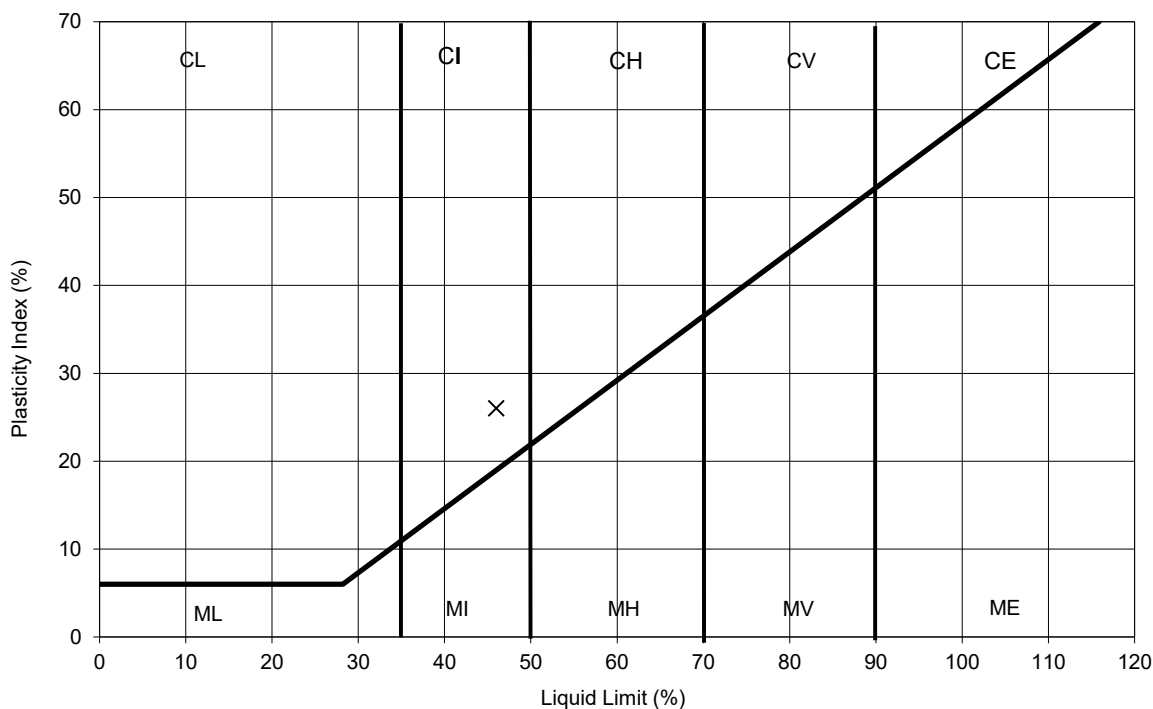


WATER CONTENT	14.6	%
% PASSING 425µm SIEVE	99	%
LIQUID LIMIT	46	%
PLASTIC LIMIT	20	%
PLASTICITY INDEX	26	%

Preparation Method	Tested after >425µm removed by hand
--------------------	-------------------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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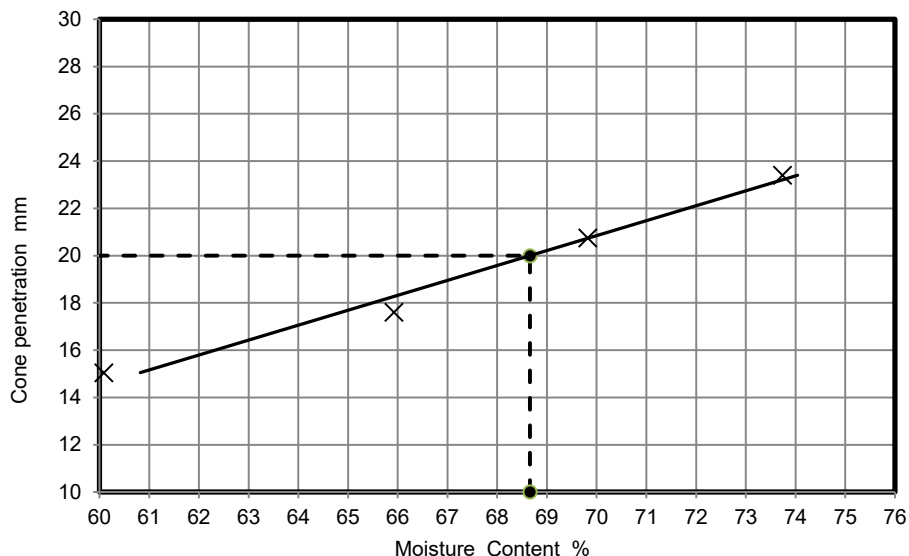
MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	TP01
Sample No.	2
Depth Top	1.00 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	17/09/2025

Site Name	Holly Tree Farm		
Project No.	GE23094	Client	GESL
Soil Description	Brown and orangish brown mottled slightly sandy silty CLAY with rare fine sub-angular gravel		

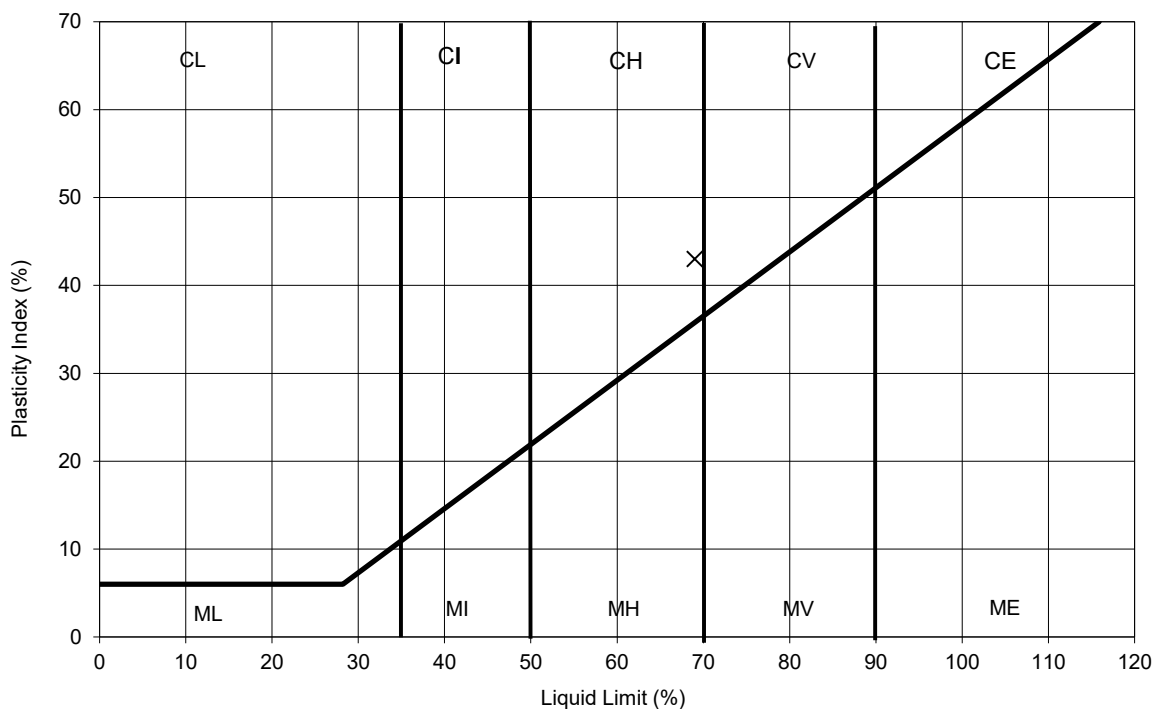


WATER CONTENT	22.2	%
% PASSING 425µm SIEVE	99	%
LIQUID LIMIT	69	%
PLASTIC LIMIT	26	%
PLASTICITY INDEX	43	%

Preparation Method	Tested after >425µm removed by hand
--------------------	-------------------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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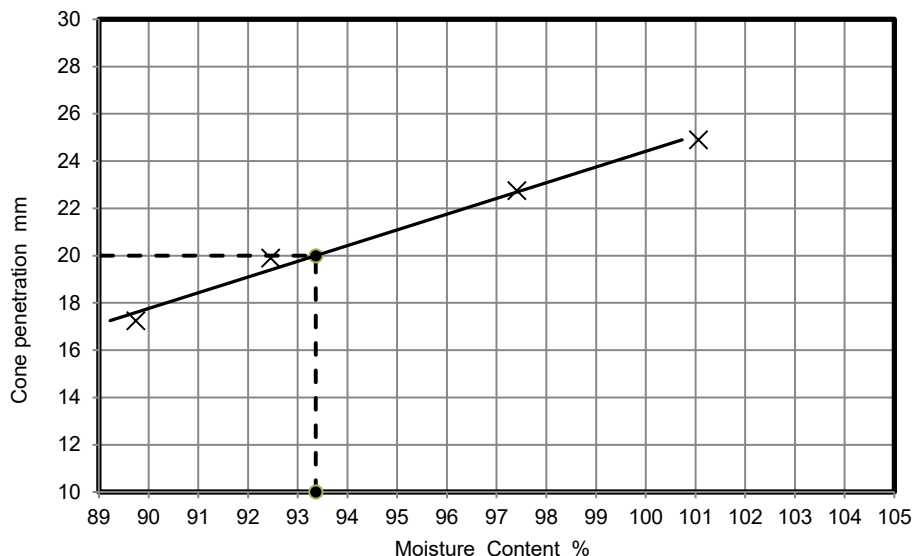
MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	TP03
Sample No.	3
Depth Top	1.50 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	17/09/2025

Site Name	Holly Tree Farm		
Project No.	GE23094	Client	GESL
Soil Description	Brown, grey and orangish brown mottled silty CLAY with sandy patches		

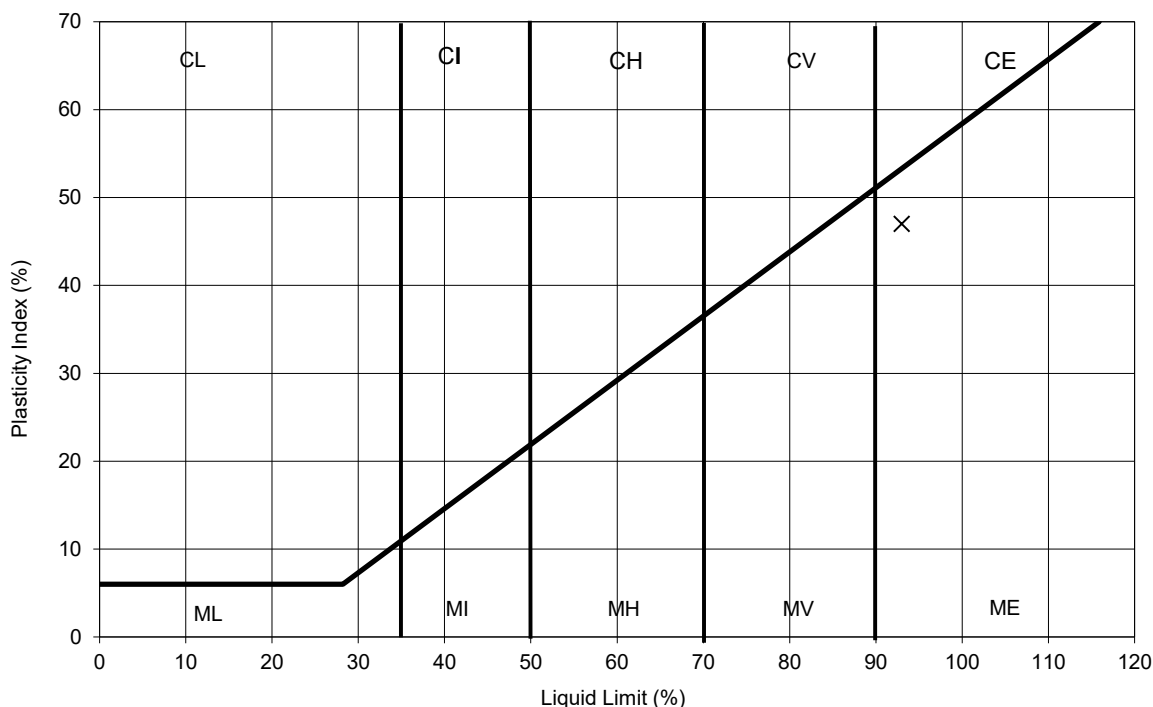


WATER CONTENT	43.8	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	93	%
PLASTIC LIMIT	46	%
PLASTICITY INDEX	47	%

Preparation Method	Tested in natural condition
--------------------	-----------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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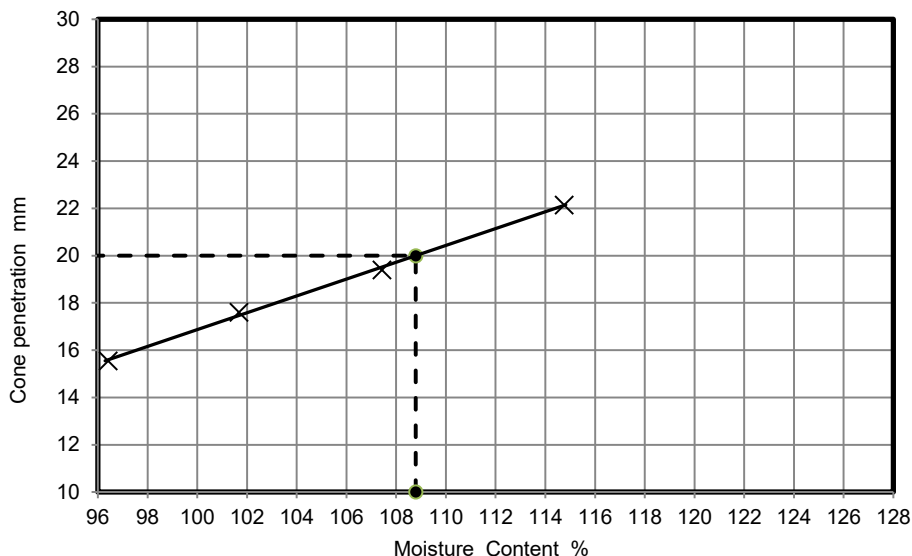
2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	TP04
Sample No.	1
Depth Top	0.50 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	17/09/2025

Site Name	Holly Tree Farm		
Project No.	GE23094	Client	GESL
Soil Description	Grey mottled brown and orangish brown silty CLAY with rare fine sub-angular gravel		

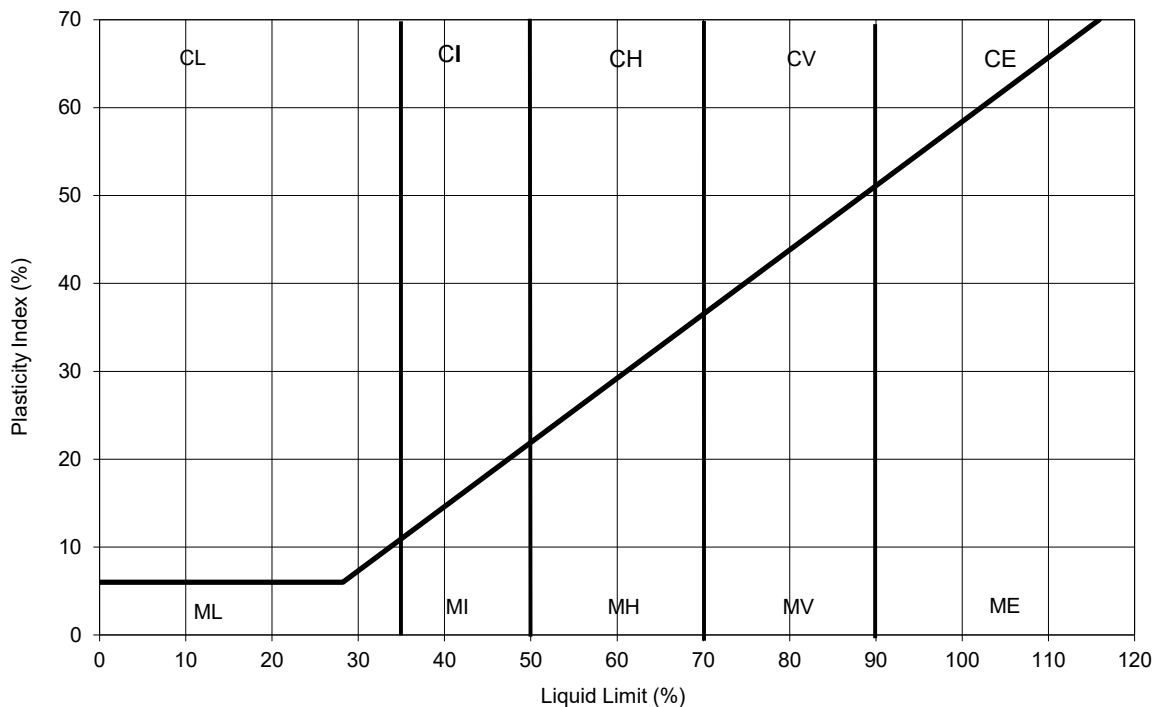


WATER CONTENT	34.9	%
% PASSING 425µm SIEVE	99	%
LIQUID LIMIT	109	%
PLASTIC LIMIT	37	%
PLASTICITY INDEX	72	%

Preparation Method	Tested after >425µm removed by hand
--------------------	-------------------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 + A2:2022 Liquid and plastic limit

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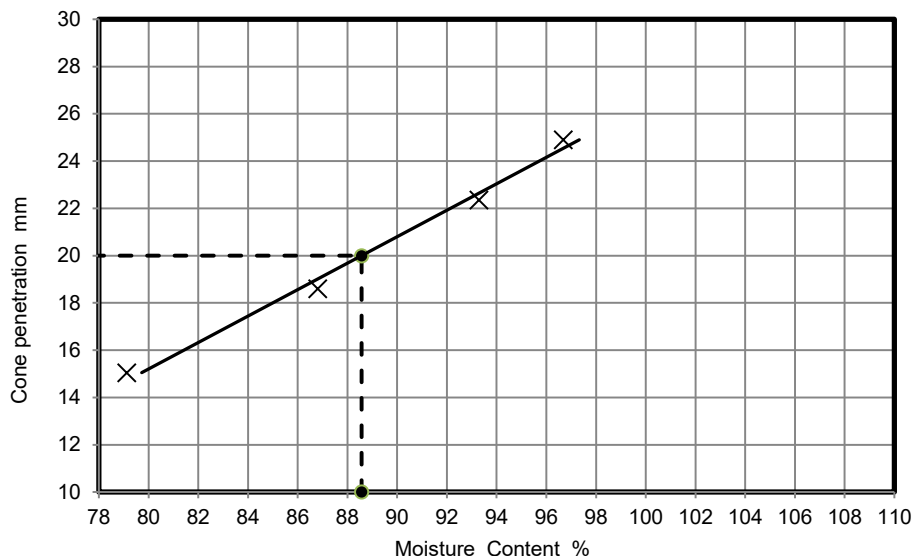
2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	TP06
Sample No.	3
Depth Top	1.50 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	17/09/2025

Site Name	Holly Tree Farm		
Project No.	GE23094	Client	GESL
Soil Description	Light grey mottled orangish brown silty CLAY with sandy patches		

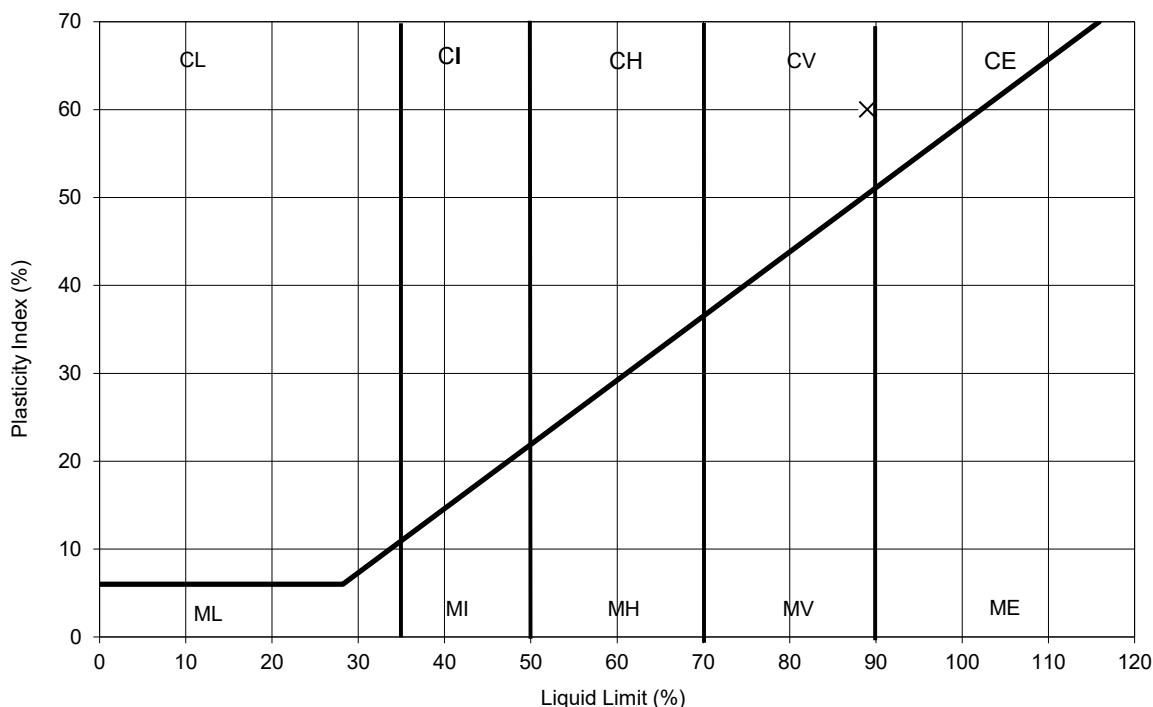


WATER CONTENT	32.3	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	89	%
PLASTIC LIMIT	29	%
PLASTICITY INDEX	60	%

Preparation Method	Tested in natural condition
--------------------	-----------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

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BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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MSF-5 R2



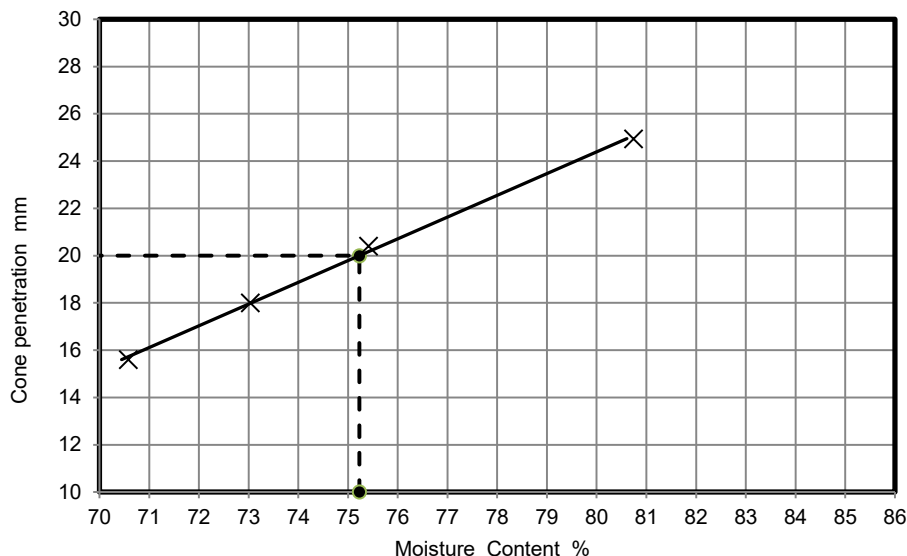
2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	TP08
Sample No.	2
Depth Top	1.00 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	17/09/2025

Site Name	Holly Tree Farm		
Project No.	GE23094	Client	GESL
Soil Description	Brown mottled grey slightly sandy silty CLAY		

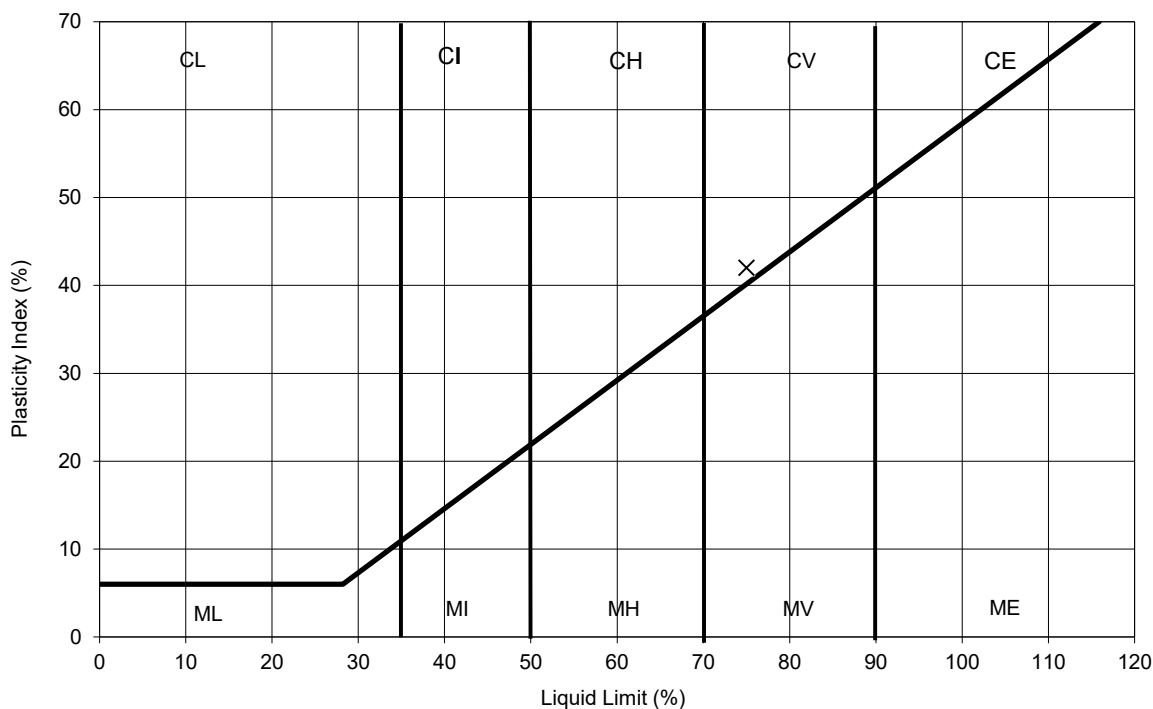


WATER CONTENT	30.7	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	75	%
PLASTIC LIMIT	33	%
PLASTICITY INDEX	42	%

Preparation Method	Tested in natural condition
--------------------	-----------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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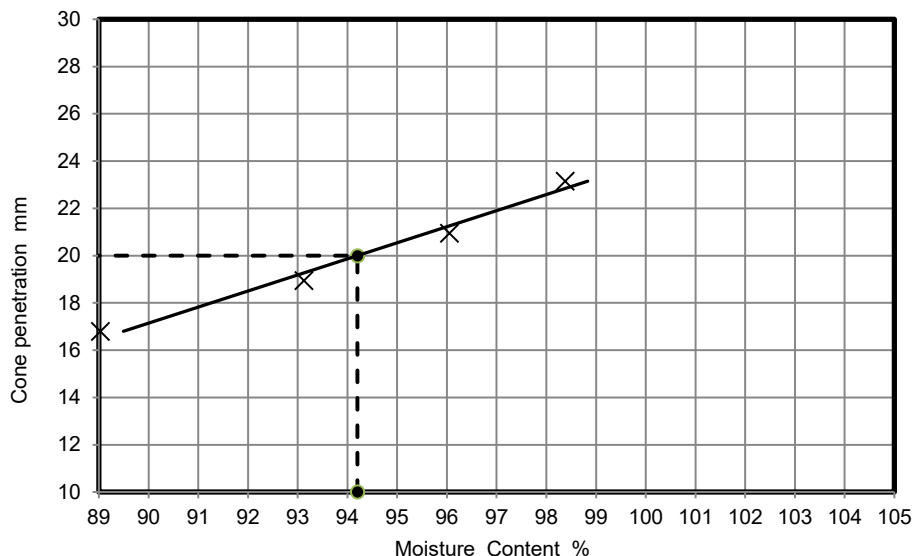
2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	TP10
Sample No.	3
Depth Top	1.50 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	17/09/2025

Site Name	Holly Tree Farm		
Project No.	GE23094	Client	GES
Soil Description	Light grey mottled orangish brown silty CLAY		

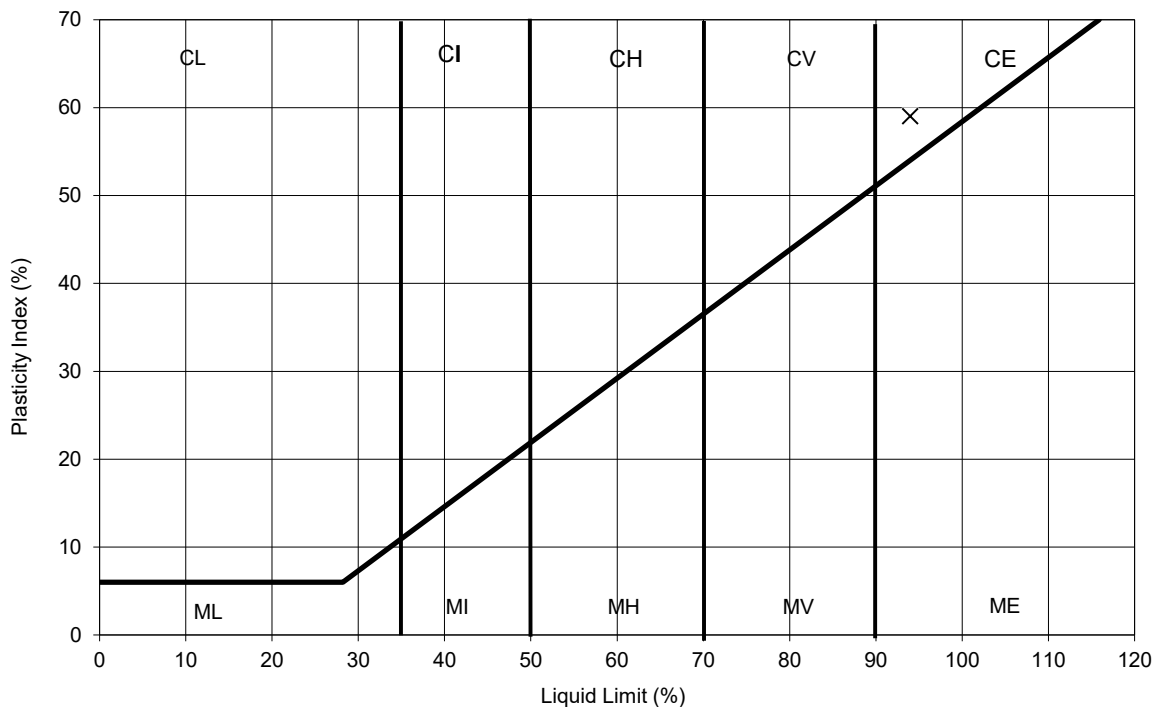


WATER CONTENT	39.6	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	94	%
PLASTIC LIMIT	35	%
PLASTICITY INDEX	59	%

Preparation Method	Tested in natural condition
--------------------	-----------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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Checked and Approved

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Date: 19/09/2025

MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

37772

Borehole/Pit No.

TP11

Site Name

Holly Tree Farm

Sample No.

2

Project No.

GE23094

Client

GESL

Depth Top

1.00

m

Depth Base

-

m

Sample Type

D

Soil Description

Liht grey mottled orangish brown silty CLAY with sandy patches

Samples received

19/08/2025

Schedules received

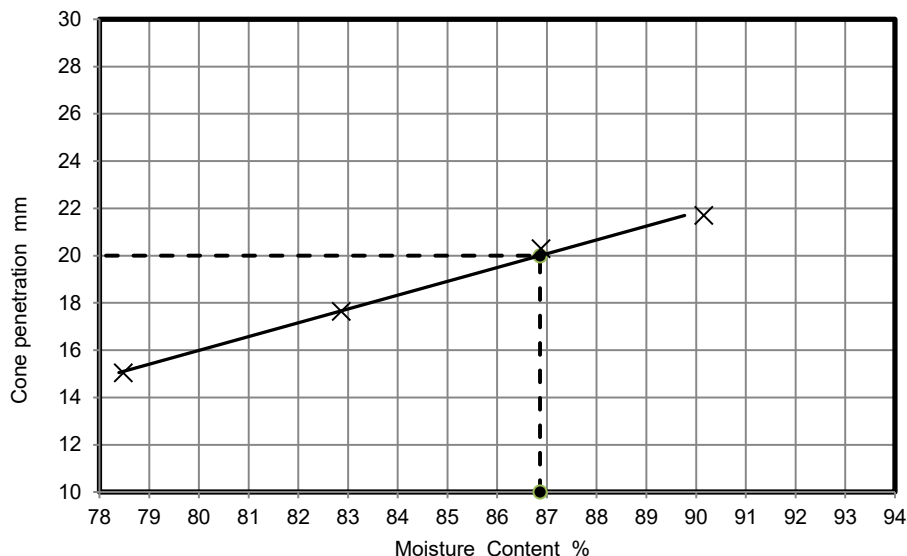
20/08/2025

Project Started

20/08/2025

Date Tested

17/09/2025



WATER CONTENT

31.2

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

87

%

PLASTIC LIMIT

30

%

PLASTICITY INDEX

57

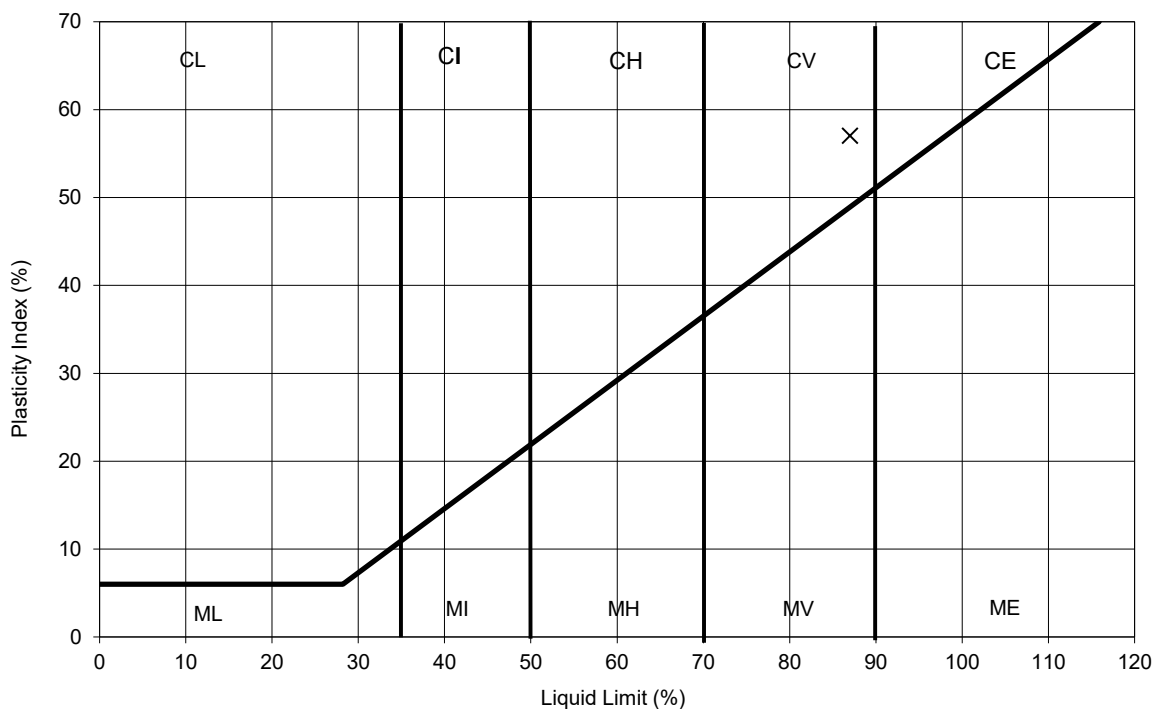
%

Preparation Method

Tested in natural condition

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content

BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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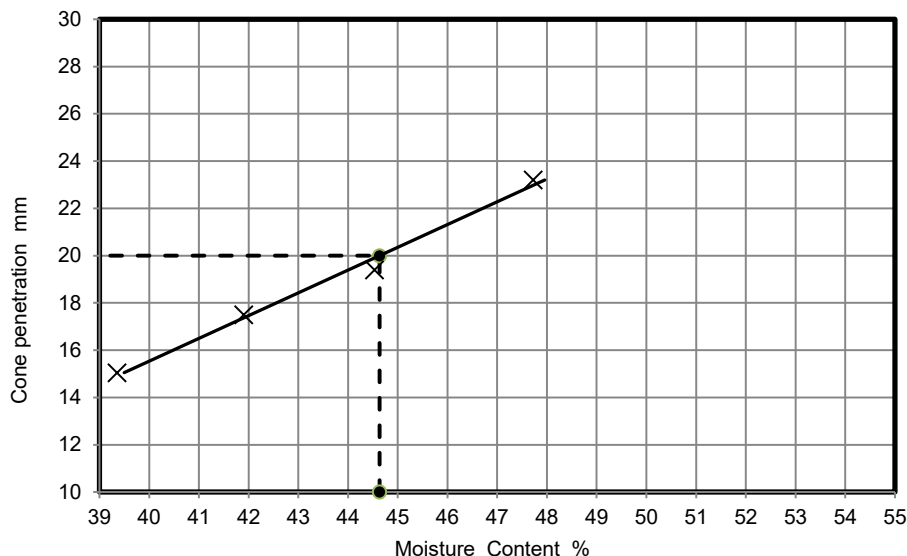
MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	TP13
Sample No.	1
Depth Top	0.50 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	17/09/2025

Site Name	Holly Tree Farm		
Project No.	GE23094	Client	GESL
Soil Description	Brown sandy silty CLAY with rare fine sub-angular gravel		

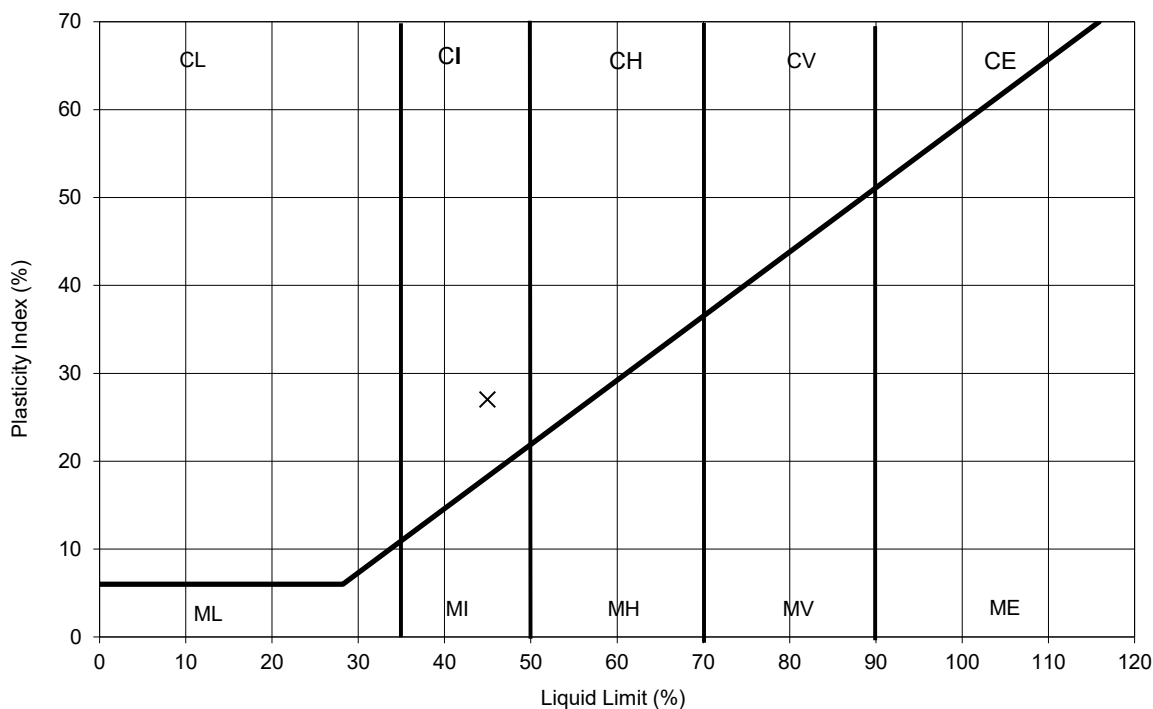


WATER CONTENT	13.9	%
% PASSING 425µm SIEVE	99	%
LIQUID LIMIT	45	%
PLASTIC LIMIT	18	%
PLASTICITY INDEX	27	%

Preparation Method	Tested after >425µm removed by hand
--------------------	-------------------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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MSF-5 R2



2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

37772

Borehole/Pit No.

TP14

Site Name

Holly Tree Farm

Sample No.

2

Project No.

GE23094

Client

GESL

Depth Top

1.00

m

Depth Base

-

m

Sample Type

D

Samples received

19/08/2025

Schedules received

20/08/2025

Project Started

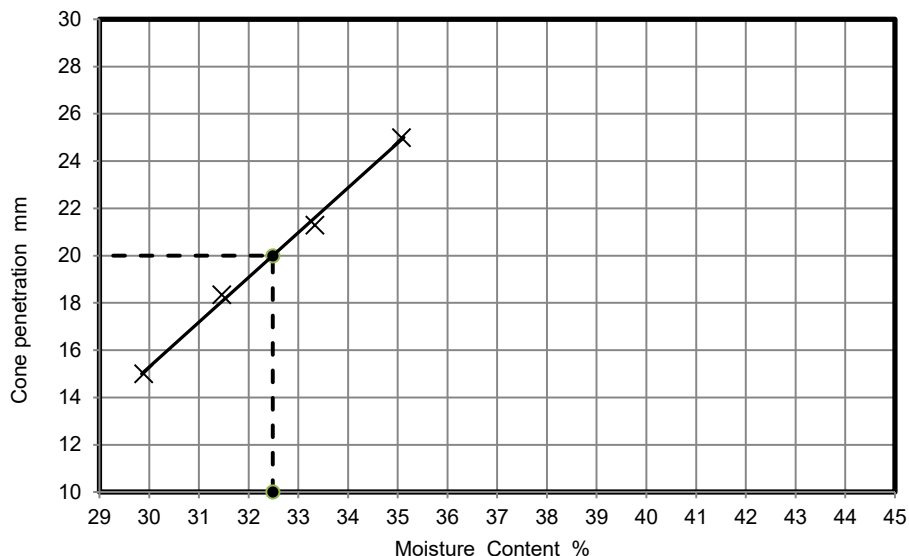
20/08/2025

Date Tested

16/09/2025

Soil Description

Brown slightly gravelly very sandy silty CLAY (gravel is fmc and angular to sub-angular flint)



WATER CONTENT

11.1

%

% PASSING 425µm SIEVE

82

%

LIQUID LIMIT

32

%

PLASTIC LIMIT

13

%

PLASTICITY INDEX

19

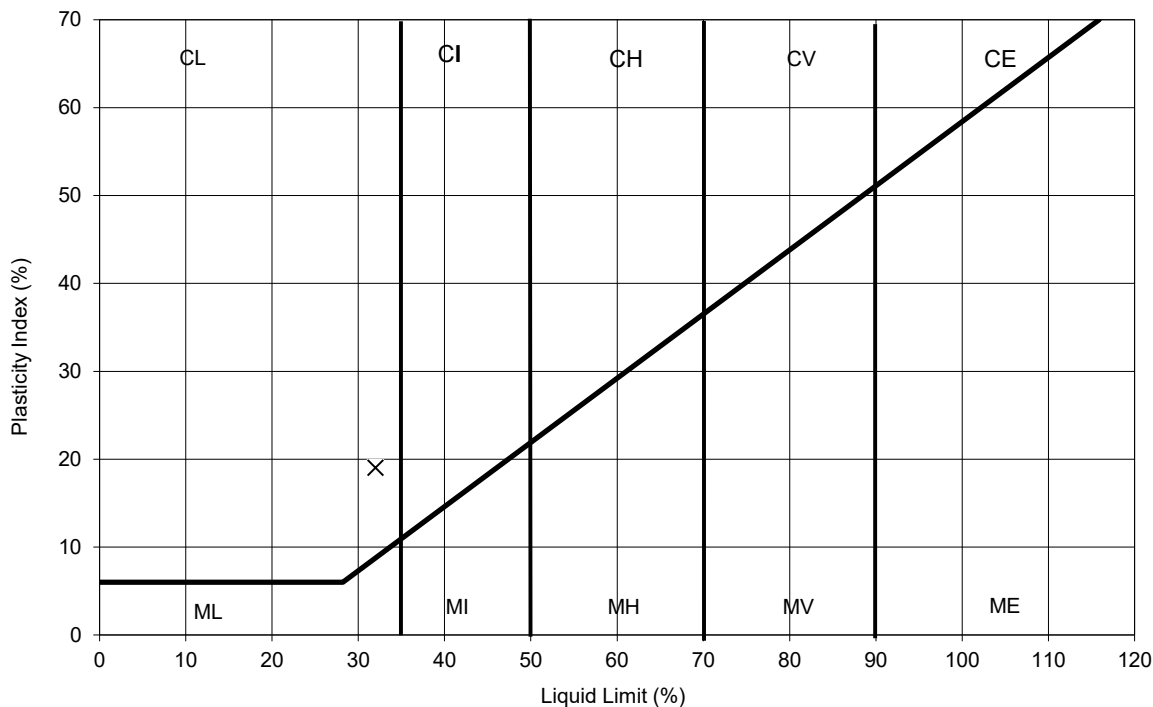
%

Preparation Method

Tested after washing to remove >425µm

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content

BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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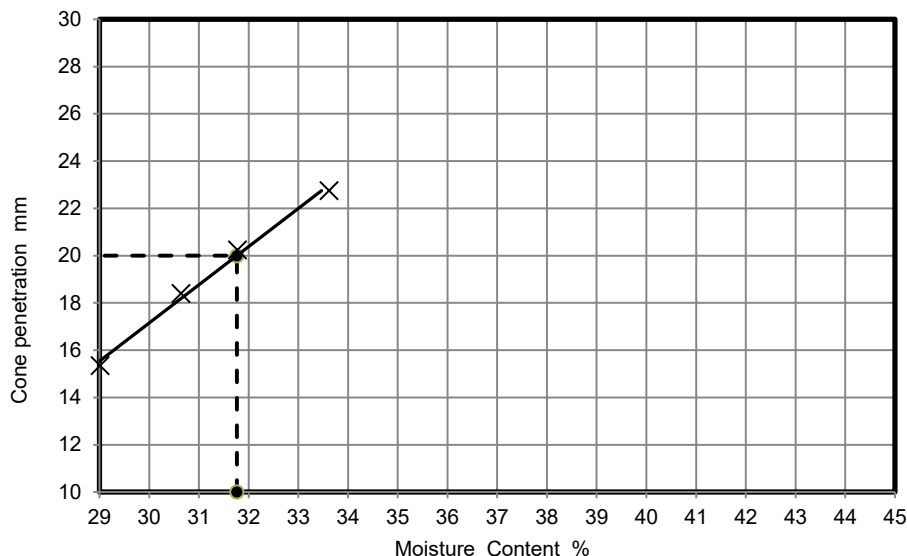
LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	TP15
Sample No.	1
Depth Top	0.50 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	16/09/2025

Site Name Holly Tree Farm

Project No. GE23094 Client GESL

Soil Description Brown slightly gravelly sandy silty CLAY (gravel is fm and angular to sub-rounded)

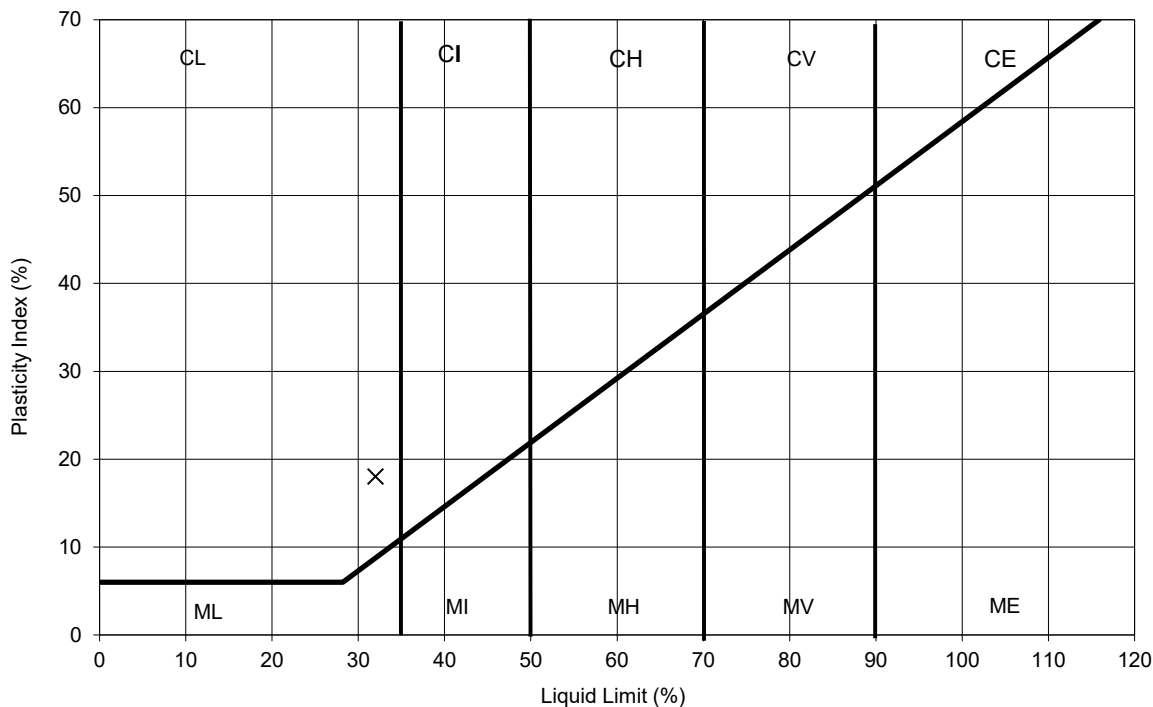


WATER CONTENT	9.2	%
% PASSING 425µm SIEVE	88	%
LIQUID LIMIT	32	%
PLASTIC LIMIT	14	%
PLASTICITY INDEX	18	%

Preparation Method	Tested after >425µm removed by hand
--------------------	-------------------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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MSF-5 R2



2519



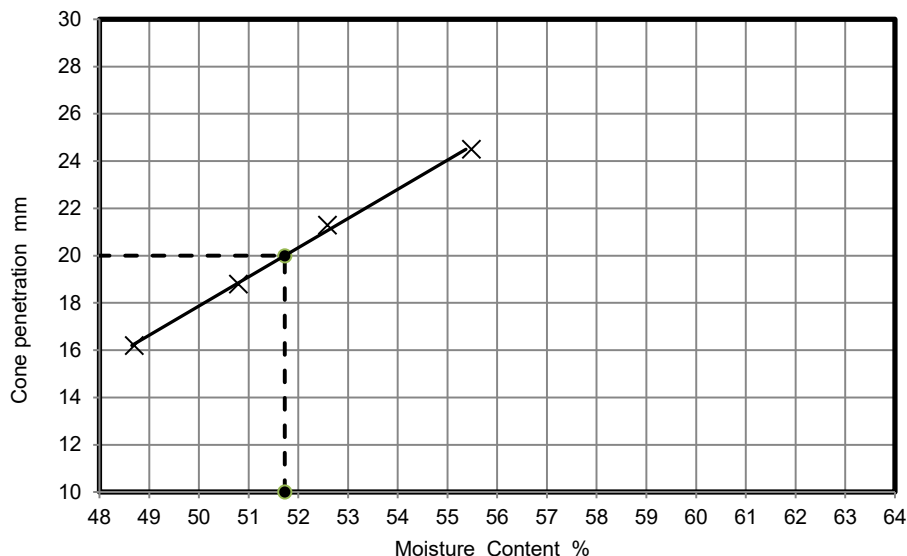
LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	TP16
Sample No.	1
Depth Top	0.50 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	16/09/2025

Site Name Holly Tree Farm

Project No. GE23094 Client GESL

Soil Description Brown with orangish brown stains slightly sandy slightly gravelly silty CLAY (gravel is fmc and angular to sub-angular flint)

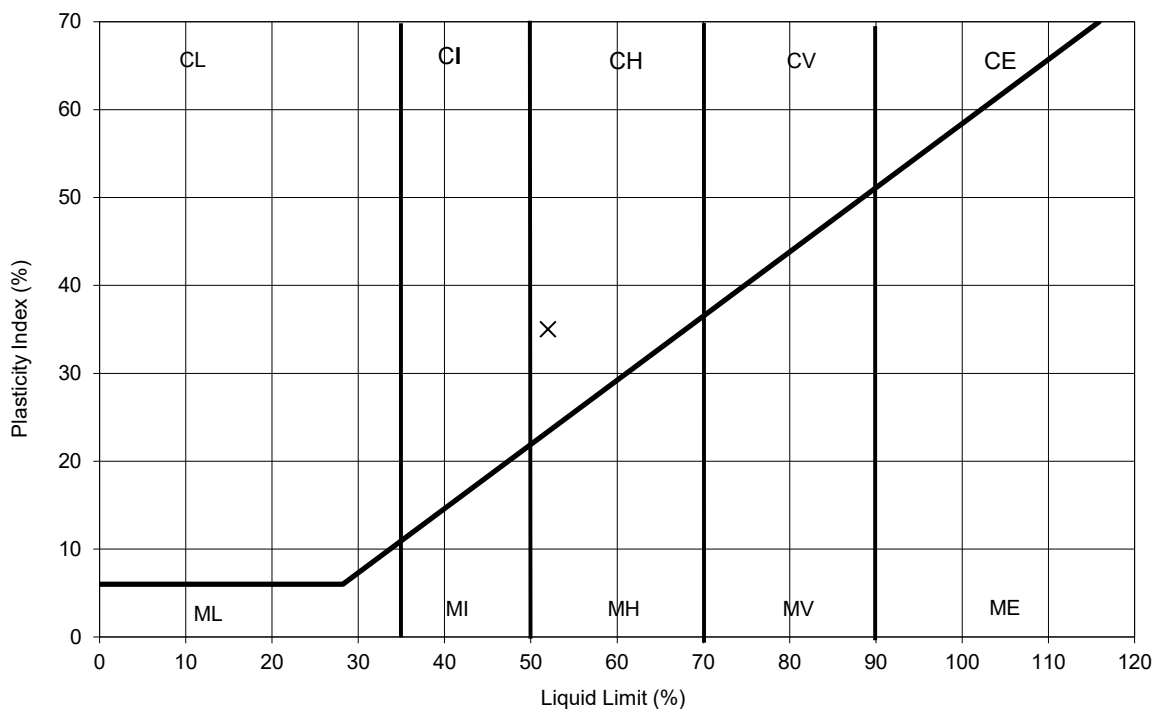


WATER CONTENT	14.2	%
% PASSING 425µm SIEVE	73	%
LIQUID LIMIT	52	%
PLASTIC LIMIT	17	%
PLASTICITY INDEX	35	%

Preparation Method	Tested after washing to remove >425µm
--------------------	---------------------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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MSF-5 R2



2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

37772

Borehole/Pit No.

TP17

Site Name

Holly Tree Farm

Sample No.

2

Project No.

GE23094

Client

GESL

Depth Top

1.00

m

Depth Base

-

m

Sample Type

D

Soil Description

Brown slightly sandy very gravelly silty CLAY (gravel is fmc and angular to sub-angular flint)

Samples received

19/08/2025

Schedules received

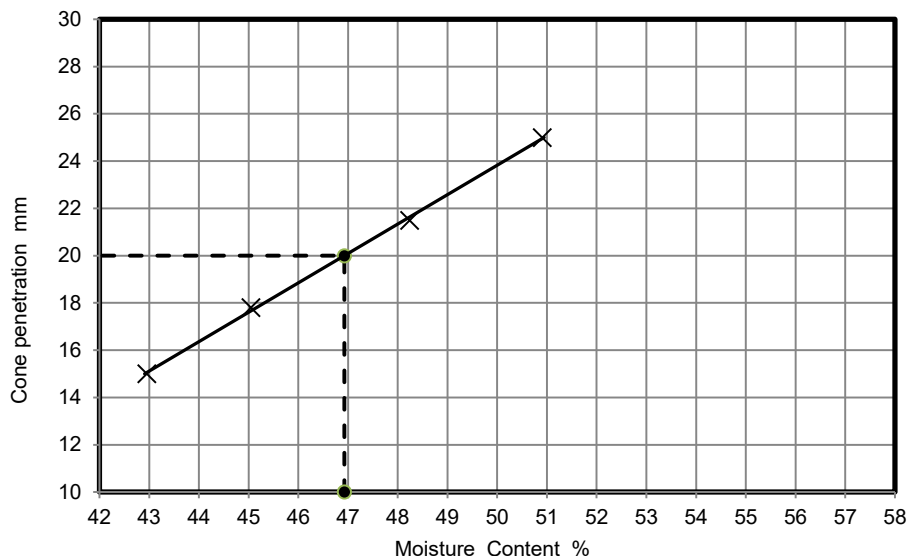
20/08/2025

Project Started

20/08/2025

Date Tested

16/09/2025



WATER CONTENT

7.8

%

% PASSING 425µm SIEVE

25

%

LIQUID LIMIT

47

%

PLASTIC LIMIT

18

%

PLASTICITY INDEX

29

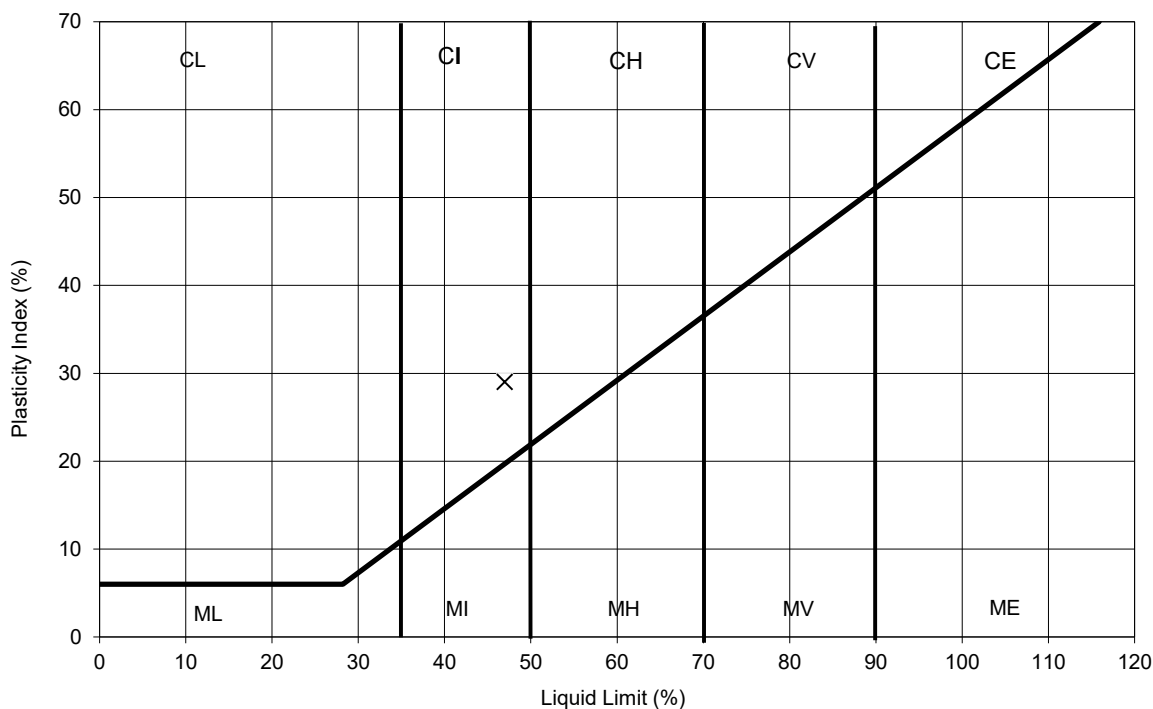
%

Preparation Method

Tested after washing to remove >425µm

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content

BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

37772

Borehole/Pit No.

WS01

Site Name

Holly Tree Farm

Sample No.

2

Project No.

GE23094

Client

GESL

Depth Top

1.00

m

Depth Base

-

m

Sample Type

D

Samples received

19/08/2025

Schedules received

20/08/2025

Project Started

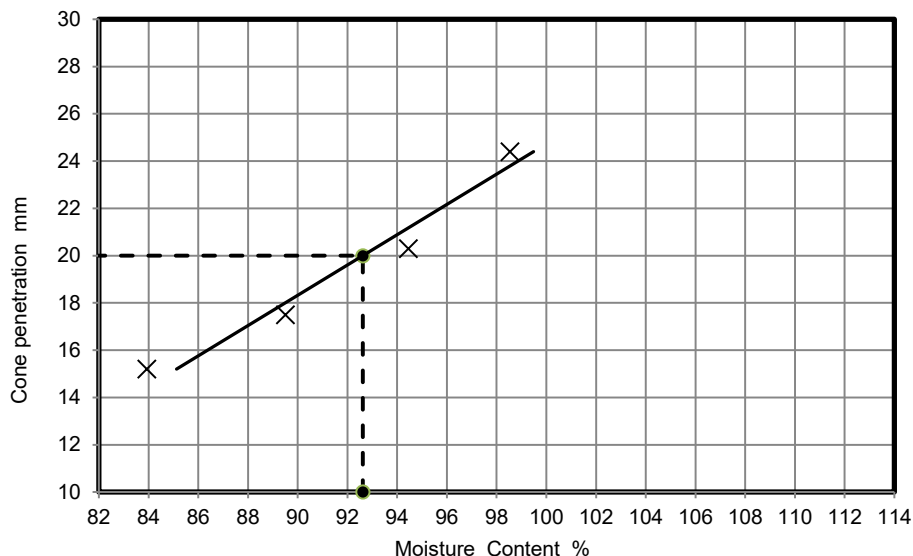
20/08/2025

Date Tested

17/09/2025

Soil Description

Light grey mottled orangish brown silty CLAY



WATER CONTENT

34.5

%

% PASSING 425µm SIEVE

100

%

LIQUID LIMIT

93

%

PLASTIC LIMIT

33

%

PLASTICITY INDEX

60

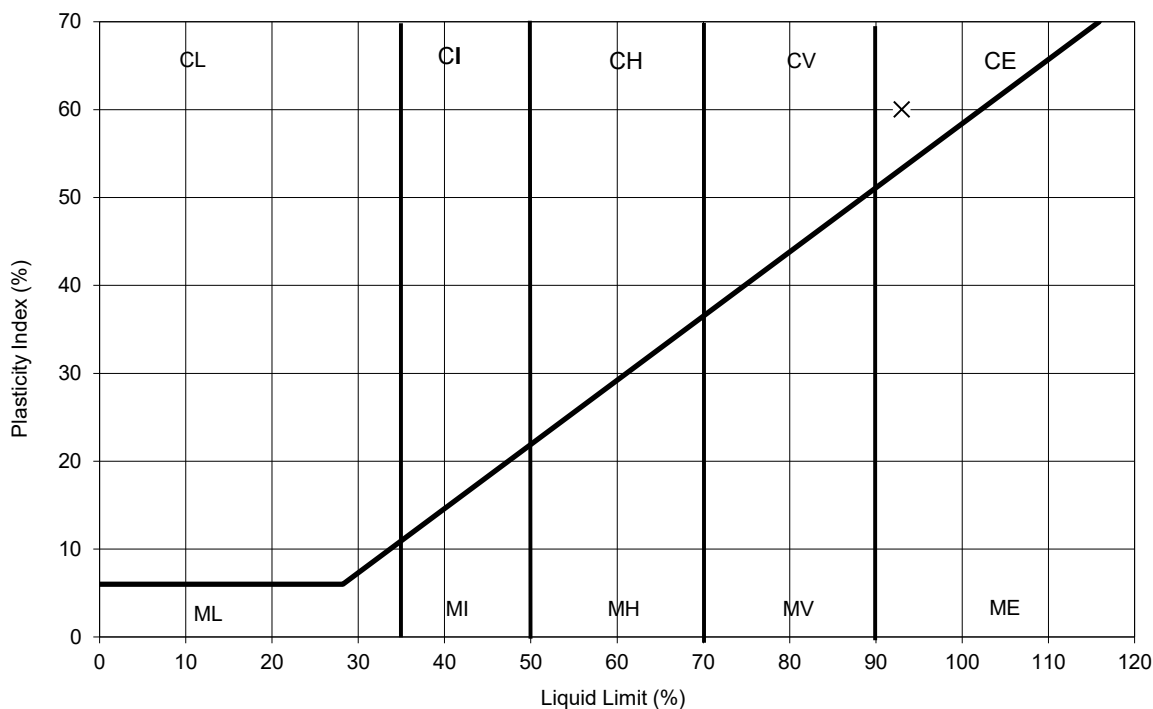
%

Preparation Method

Tested in natural condition

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content

BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU

Tel: 01923 711 288 Email: James@k4soils.com

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

Checked and Approved

Initials: J.P

Date: 19/09/2025

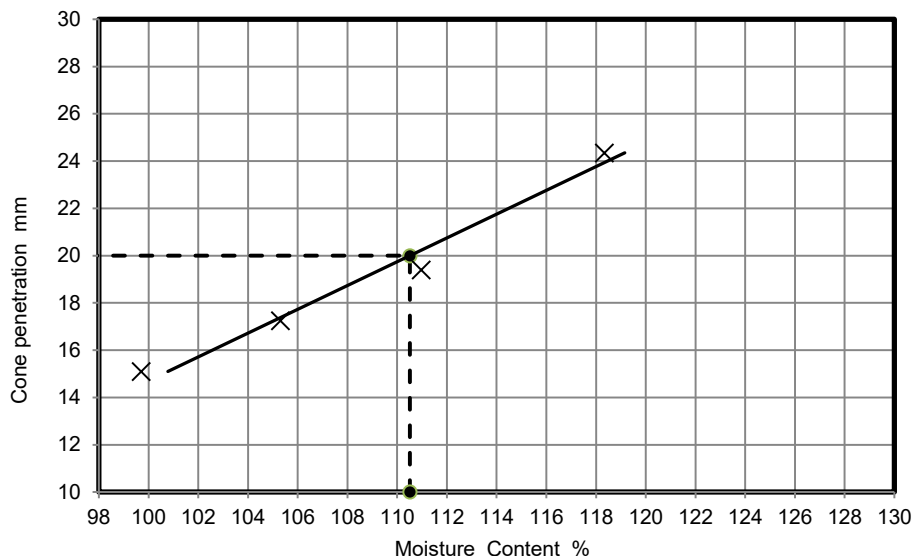
MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	WS03
Sample No.	1
Depth Top	0.50 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	17/09/2025

Site Name	Holly Tree Farm		
Project No.	GE23094	Client	GESL
Soil Description	Grey and orangish brown mottled silty CLAY with sandy patches		

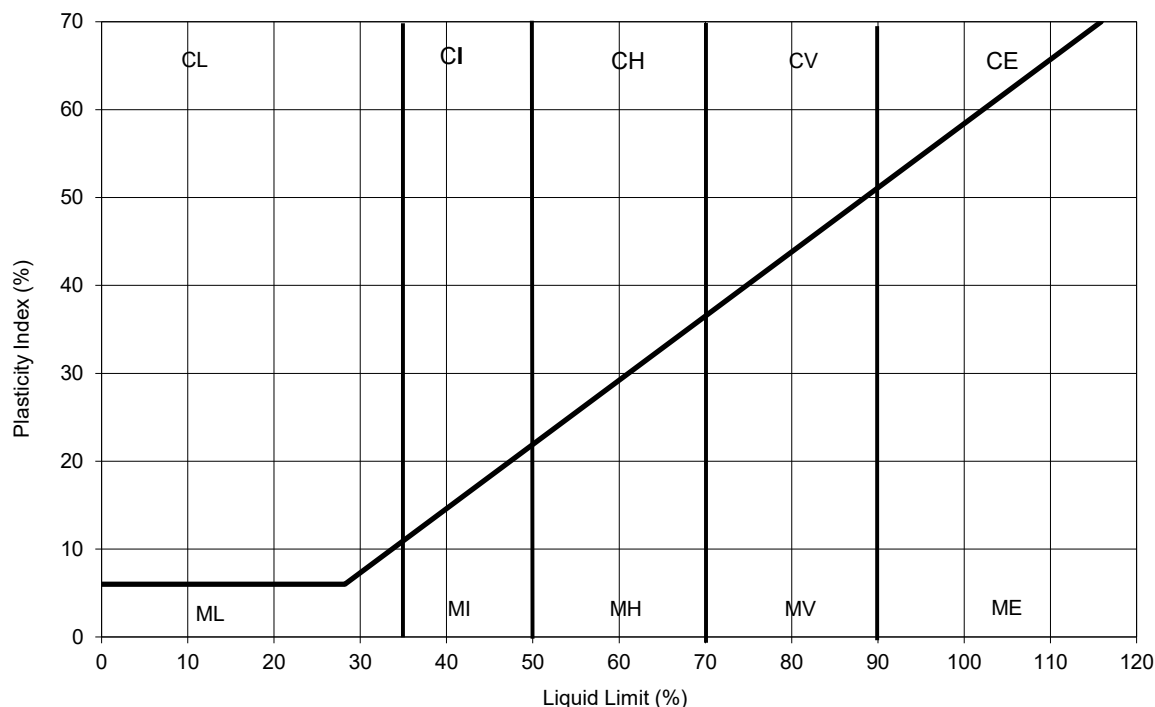


WATER CONTENT	39.5	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	111	%
PLASTIC LIMIT	39	%
PLASTICITY INDEX	72	%

Preparation Method	Tested in natural condition
--------------------	-----------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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Date: 19/09/2025

MSF-5 R2



2519



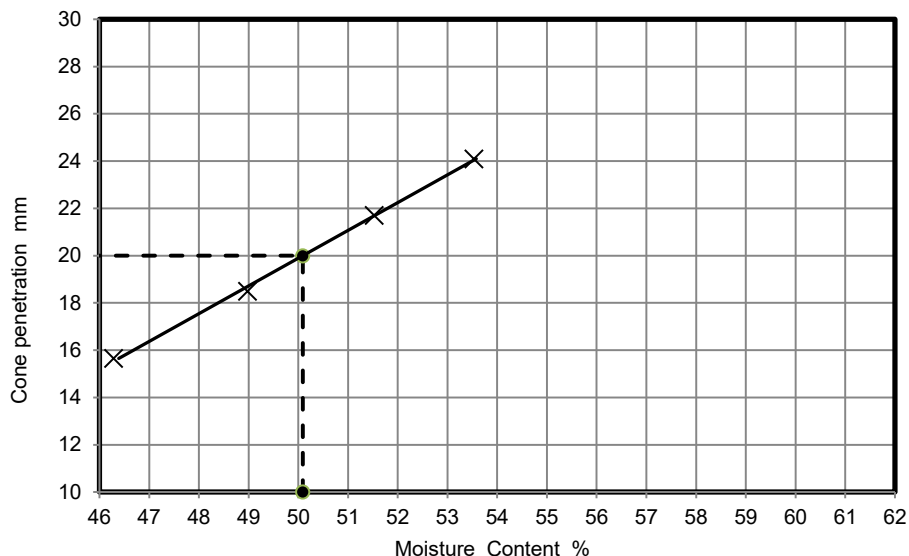
LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37772
Borehole/Pit No.	WS05
Sample No.	2
Depth Top	1.00 m
Depth Base	- m
Sample Type	D
Samples received	19/08/2025
Schedules received	20/08/2025
Project Started	20/08/2025
Date Tested	16/09/2025

Site Name Holly Tree Farm

Project No. GE23094 Client GESL

Soil Description Brown and grey mottled slightly sandy gravelly silty CLAY (gravel is fmc and angular to sub-angular flint)

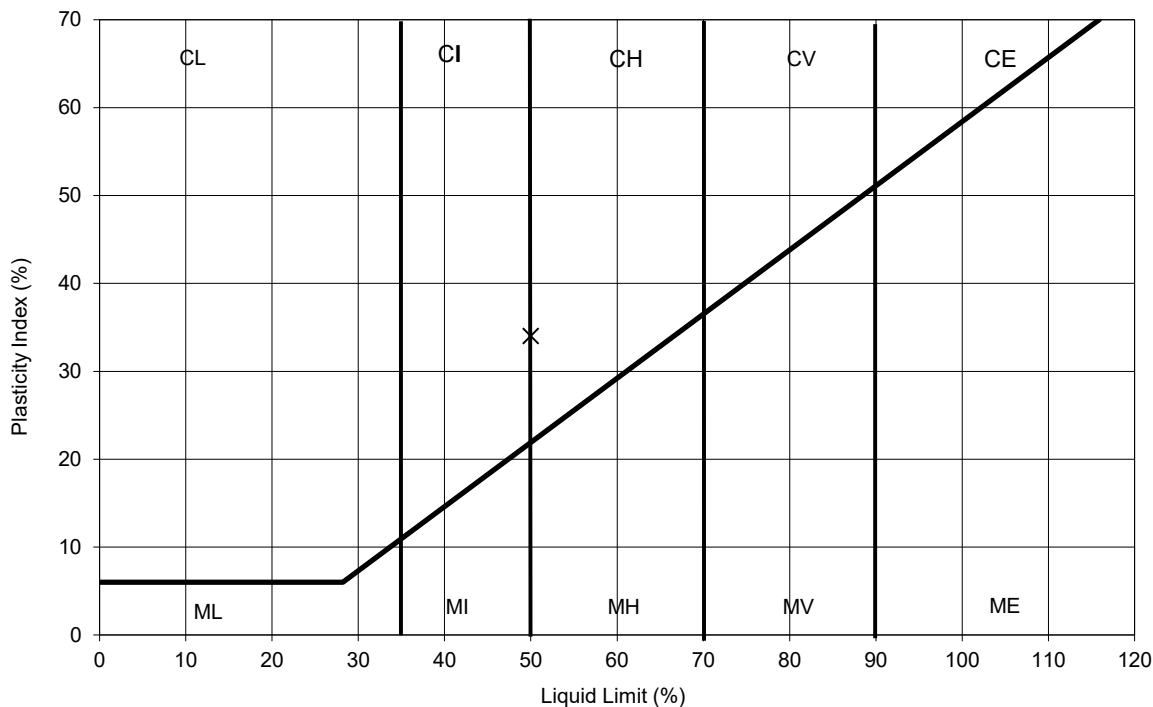


WATER CONTENT	13.1	%
% PASSING 425µm SIEVE	53	%
LIQUID LIMIT	50	%
PLASTIC LIMIT	16	%
PLASTICITY INDEX	34	%

Preparation Method	Tested after washing to remove >425µm
--------------------	---------------------------------------

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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Date: 19/09/2025

MSF-5 R2



2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.

37772

Borehole/Pit No.

WS06

Site Name

Holly Tree Farm

Sample No.

1

Project No.

GE23094

Client

GESL

Depth Top

0.50

m

Depth Base

-

m

Sample Type

D

Soil Description

Brown and grey slightly sandy gravelly silty CLAY (gravel is fmc and angular to sub-angular flint)

Samples received

19/08/2025

Schedules received

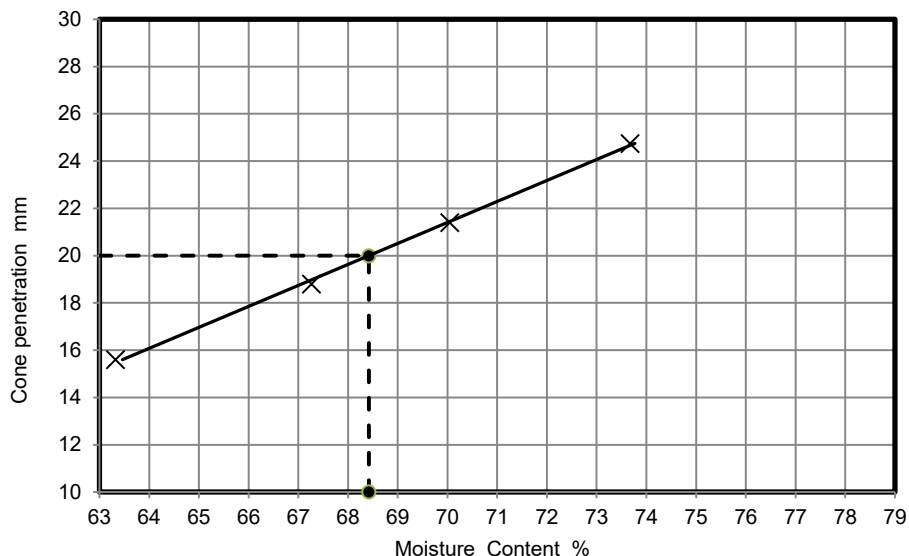
20/08/2025

Project Started

20/08/2025

Date Tested

16/09/2025



WATER CONTENT

11.4

%

% PASSING 425µm SIEVE

49

%

LIQUID LIMIT

68

%

PLASTIC LIMIT

21

%

PLASTICITY INDEX

47

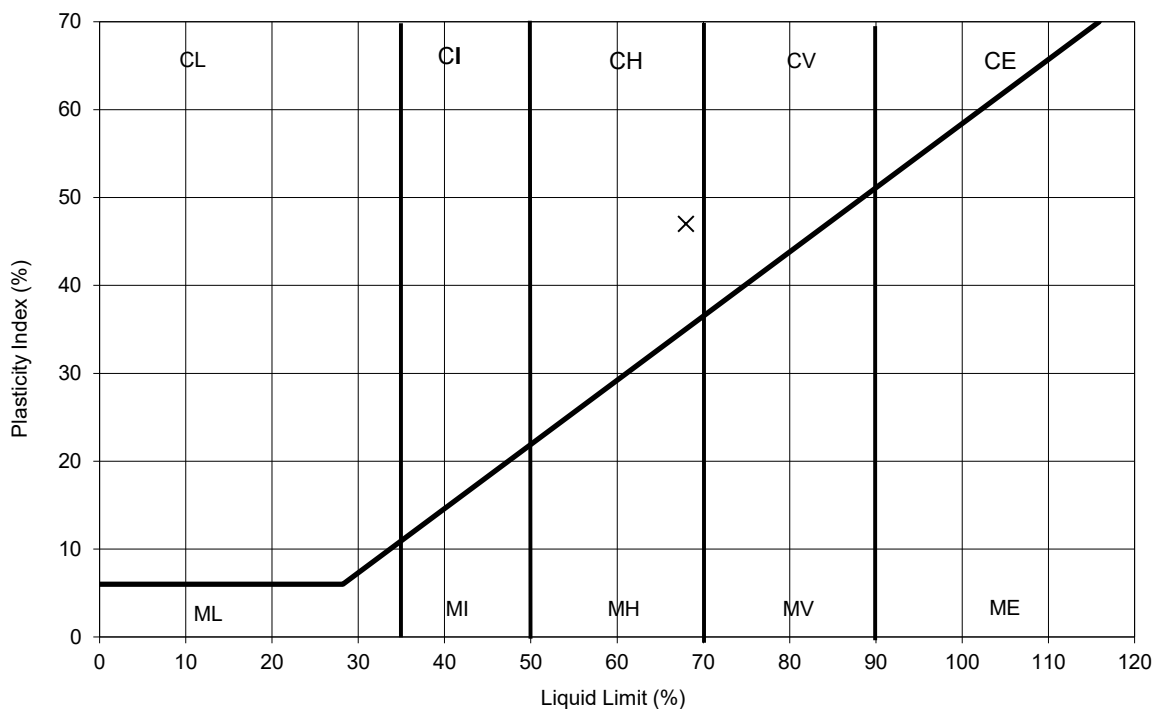
%

Preparation Method

Tested after washing to remove >425µm

Remarks

PLASTICITY INDEX



TEST METHODS:

BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content

BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit

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Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5 R2



Summary of Water Content, Liquid Limit (4 point) and Plastic Limit Results

Job No. 37772	Project Name Holly Tree Farm	Programme	
		Samples received	19/08/2025
		Schedule received	20/08/2025
Project No. GE23094	Client GESL	Project started	20/08/2025
		Testing Started	16/09/2025

Hole No.	Sample				Soil Description	Water Content %	Passing 425µm %	Preparation	LL %	PL %	PI %	Remarks
	Ref	Top m	Base m	Type								
BH02	2	1.20	-	B	Light grey mottled brown and reddish brown slightly gravelly silty CLAY with sandy patches (gravel is fmc and sub-rounded to sub-angular)	28.3	95	Tested after >425µm removed by hand	98	32	66	
BH03	3	1.20	-	D	Light grey mottled orangish brown silty CLAY	34.3	100	Tested in natural condition	83	32	51	
BH03	7	4.00	-	D	Grey silty CLAY with orangish brown sandy patches	38.4	100	Tested in natural condition	84	45	39	
BH03	11	6.00	-	D	Grey silty CLAY with light grey sandy patches	34.8	100	Tested in natural condition	74	32	42	
SA02	1	0.50	-	D	Greyish brown and orangish brown mottled silty CLAY with sandy patches and rare fine sub-angular gravel	21.4	99	Tested after >425µm removed by hand	72	26	46	
SA03	2	1.00	-	D	Light grey and orangish brown mottled silty CLAY with sandy patches and rare fine sub-angular gravel	36.9	99	Tested after >425µm removed by hand	94	35	59	
SA04	1	0.50	-	D	Brown sandy silty CLAY with fine rootlets and rare fine sub-angular gravel	14.6	99	Tested after >425µm removed by hand	46	20	26	
TP01	2	1.00	-	D	Brown and orangish brown mottled slightly sandy silty CLAY with rare fine sub-angular gravel	22.2	99	Tested after >425µm removed by hand	69	26	43	
TP03	3	1.50	-	D	Brown, grey and orangish brown mottled silty CLAY with sandy patches	43.8	100	Tested in natural condition	93	46	47	
TP04	1	0.50	-	D	Grey mottled brown and orangish brown silty CLAY with rare fine sub-angular gravel	34.9	99	Tested after >425µm removed by hand	109	37	72	
TP06	3	1.50	-	D	Light grey mottled orangish brown silty CLAY with sandy patches	32.3	100	Tested in natural condition	89	29	60	

80g/300 cone used unless otherwise stated.

 UKAS TESTING	Test Methods: BS EN ISO 17892 Part 1: 2014+A1:2022 Water content Part 12: 2018+A2:2022 Liquid & plastic limit These results only apply to the items tested NOTE: The report shall not be reproduced except in full without authority of the laboratory	Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU Tel: 01923 711 288 Email: James@k4soils.com	Checked and Approved Initials J.P Date: 19/09/2025
	2519 Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)		



Summary of Water Content, Liquid Limit (4 point) and Plastic Limit Results

Job No. 37772	Project Name Holly Tree Farm	Programme	
		Samples received	19/08/2025
		Schedule received	20/08/2025
Project No. GE23094	Client GESL	Project started	20/08/2025
		Testing Started	16/09/2025

Hole No.	Sample				Soil Description	Water Content %	Passing 425µm %	Preparation	LL %	PL %	PI %	Remarks
	Ref	Top m	Base m	Type								
TP08	2	1.00	-	D	Brown mottled grey slightly sandy silty CLAY	30.7	100	Tested in natural condition	75	33	42	
TP10	3	1.50	-	D	Light grey mottled orangish brown silty CLAY	39.6	100	Tested in natural condition	94	35	59	
TP11	2	1.00	-	D	Light grey mottled orangish brown silty CLAY with sandy patches	31.2	100	Tested in natural condition	87	30	57	
TP13	1	0.50	-	D	Brown sandy silty CLAY with rare fine sub-angular gravel	13.9	99	Tested after >425µm removed by hand	45	18	27	
TP14	2	1.00	-	D	Brown slightly gravelly very sandy silty CLAY (gravel is fmc and angular to sub-angular flint)	11.1	82	Tested after washing to remove >425µm	32	13	19	
TP15	1	0.50	-	D	Brown slightly gravelly sandy silty CLAY (gravel is fm and angular to sub-rounded)	9.2	88	Tested after >425µm removed by hand	32	14	18	
TP16	1	0.50	-	D	Brown with orangish brown stains slightly sandy slightly gravelly silty CLAY (gravel is fmc and angular to sub-angular flint)	14.2	73	Tested after washing to remove >425µm	52	17	35	
TP17	2	1.00	-	D	Brown slightly sandy very gravelly silty CLAY (gravel is fmc and angular to sub-angular flint)	7.8	25	Tested after washing to remove >425µm	47	18	29	
WS01	2	1.00	-	D	Light grey mottled orangish brown silty CLAY	34.5	100	Tested in natural condition	93	33	60	
WS03	1	0.50	-	D	Grey and orangish brown mottled silty CLAY with sandy patches	39.5	100	Tested in natural condition	111	39	72	
WS05	2	1.00	-	D	Brown and grey mottled slightly sandy gravelly silty CLAY (gravel is fmc and angular to sub-angular flint)	13.1	53	Tested after washing to remove >425µm	50	16	34	

80g/300 cone used unless otherwise stated.

 UKAS TESTING	Test Methods: BS EN ISO 17892 Part 1: 2014+A1:2022 Water content Part 12: 2018+A2:2022 Liquid & plastic limit These results only apply to the items tested NOTE: The report shall not be reproduced except in full without authority of the laboratory	Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU Tel: 01923 711 288 Email: James@k4soils.com	Checked and Approved Initials J.P Date: 19/09/2025
	2519 Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)		



Summary of Water Content, Liquid Limit (4 point) and Plastic Limit Results

Job No.	Project Name	Programme	
37772	Holly Tree Farm	Samples received	19/08/2025
		Schedule received	20/08/2025
Project No.	Client	Project started	20/08/2025
GE23094	GESL	Testing Started	16/09/2025

[illegible]

80g/300 cone used unless otherwise stated.



Test Methods: BS EN ISO 17892
Part 1: 2014+A1:2022 Water content
Part 12: 2018+A2:2022 Liquid & plastic limit

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Unit 8 Olds Close Olds Approach
Watford Herts WD18 9RU

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Email: James@k4soils.com

**Checked and
Approved**

Initials J.P

Date: 19/09/2025

2519

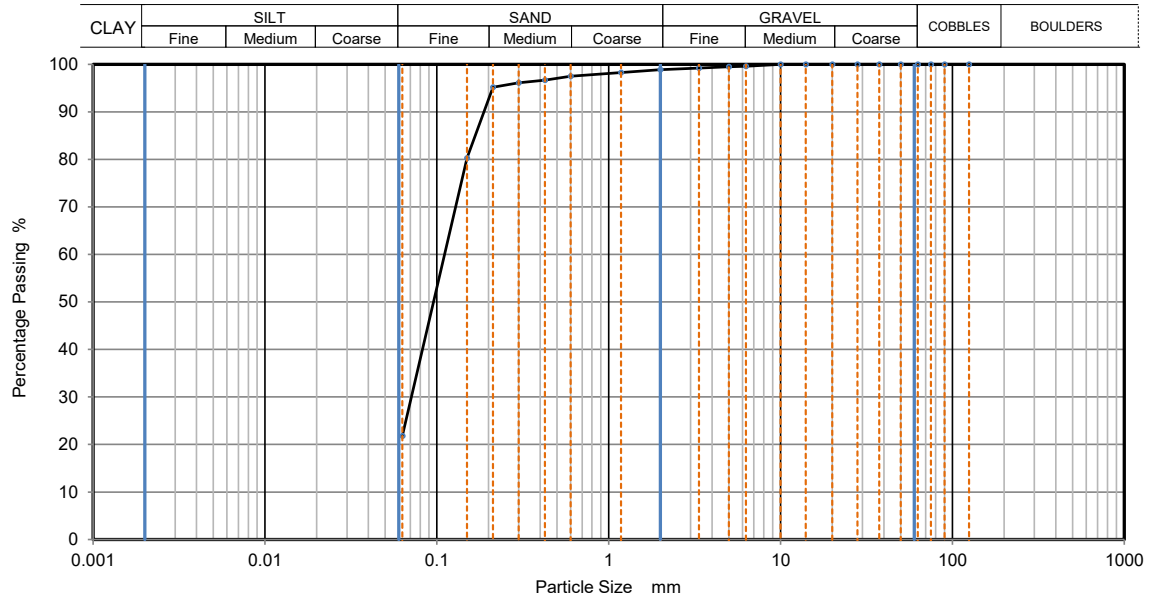
Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)



PARTICLE SIZE DISTRIBUTION

	PARTICLE SIZE DISTRIBUTION			Job Ref	37772
				Borehole/Pit No.	BH01
Site Name	Holly Tree Farm			Sample No.	5
Project No.	GE23094	Client	GESL	Depth Top	2.50 m
Soil Description	Brown silty clayey SAND with rare fine gravel			Depth Base	- m
				Sample Type	B
				Samples received	18/08/2025
				Schedules received	20/08/2025
Test Method	BS EN ISO 17892 Part 4: 2016			Project started	20/08/2025
These results only apply to the items tested				Date tested	09/09/2025

These results only apply to the items tested



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5	100		
3.35	99		
2	99		
1.18	98		
0.6	98		
0.425	97		
0.3	96		
0.212	95		
0.15	80		
0.063	22		

Sample Proportions	% dry mass
Very coarse	0
Gravel	1
Sand	77
Fines <0.063mm	22

Grading Analysis	
D100	mm
D60	mm
D30	mm
D10	mm
Uniformity Coefficient	
Curvature Coefficient	

Remarks

Preparation and testing in accordance with ISO17892 Part 4 unless noted below

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Date: 19/09/2025

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Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

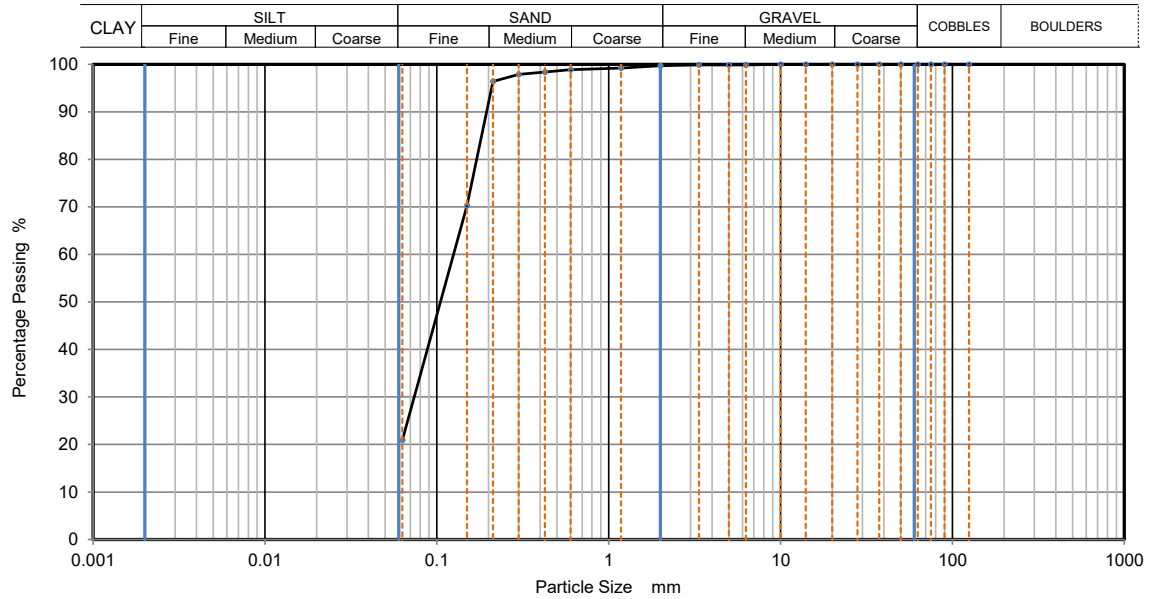
MSF-5-R3



PARTICLE SIZE DISTRIBUTION

Job Ref	37772		
Borehole/Pit No.	BH01		
Site Name	Holly Tree Farm		
Sample No.	8		
Project No.	GE23094	Client	GESL
Depth Top	4.50 m		
Depth Base	- m		
Soil Description	Brown silty clayey SAND		
Sample Type			
Samples received			
Schedules received			
Test Method	BS EN ISO 17892 Part 4: 2016		
Project started	20/08/2025		
Date tested	09/09/2025		

These results only apply to the items tested



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5	100		
3.35	100		
2	100		
1.18	99		
0.6	99		
0.425	98		
0.3	98		
0.212	96		
0.15	70		
0.063	21		

Sample Proportions	% dry mass
Very coarse	0
Gravel	0
Sand	79
Fines <0.063mm	21

Grading Analysis	
D100	mm
D60	mm
D30	mm
D10	mm
Uniformity Coefficient	
Curvature Coefficient	

Remarks

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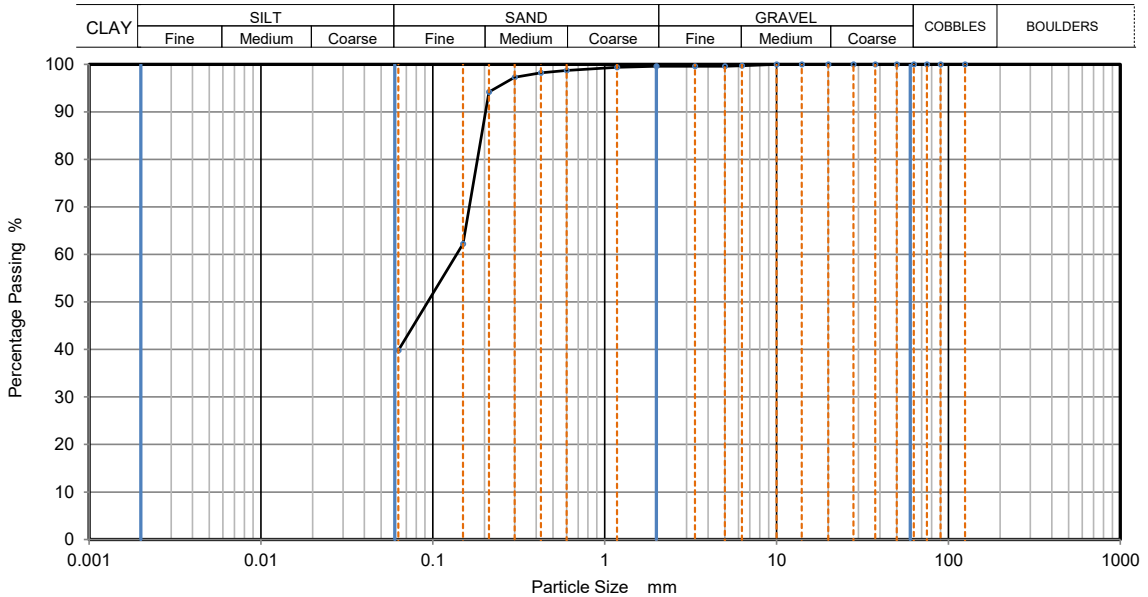
MSF-5-R3



PARTICLE SIZE DISTRIBUTION

Job Ref			37772		
			BH02		
Site Name			Holly Tree Farm		
Project No.			GE23094		
Client			GESL		
Depth Top			6.00 m		
Depth Base			- m		
Sample Type			D		
Samples received			18/08/2025		
Schedules received			20/08/2025		
Project started			20/08/2025		
Date tested			04/09/2025		

These results only apply to the items tested



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5	100		
3.35	100		
2	100		
1.18	99		
0.6	99		
0.425	98		
0.3	97		
0.212	94		
0.15	62		
0.063	40		

Sample Proportions	% dry mass
Very coarse	0
Gravel	0
Sand	60
Fines <0.063mm	40

Grading Analysis	
D100	mm
D60	mm
D30	mm
D10	mm
Uniformity Coefficient	
Curvature Coefficient	

Remarks

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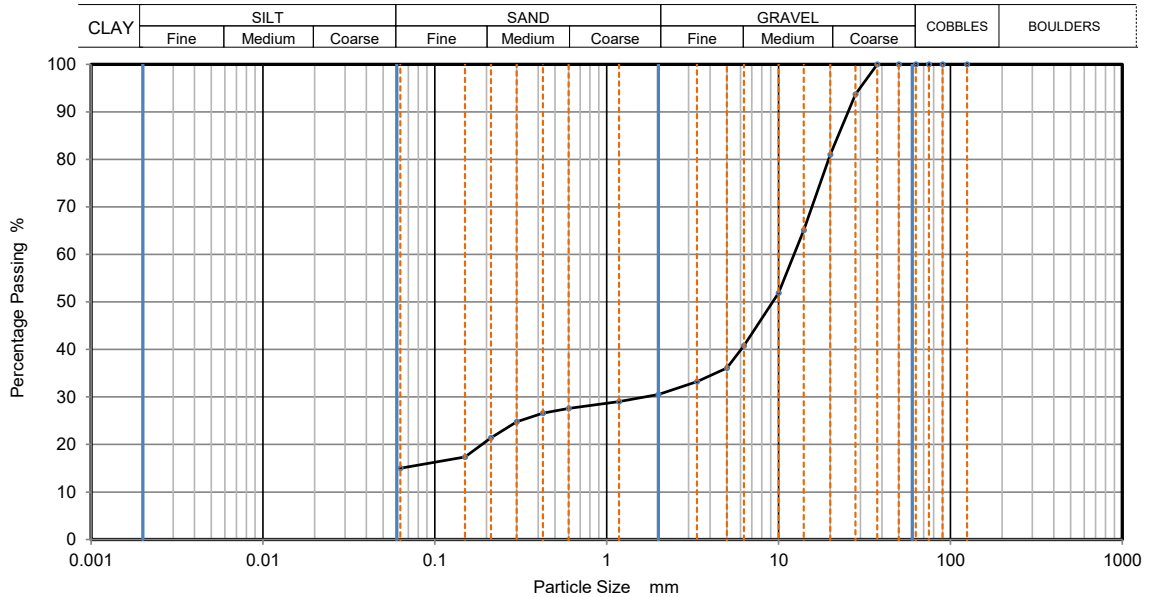
MSF-5-R3



PARTICLE SIZE DISTRIBUTION

Job Ref			37772		
			TP05		
Site Name			Holly Tree Farm		
Project No.			GE23094		
Client			GESL		
Depth Top			0.50 m		
Depth Base			- m		
Sample Type			D		
Samples received			18/08/2025		
Schedules received			20/08/2025		
Project started			20/08/2025		
Date tested			04/09/2025		

These results only apply to the items tested



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	94		
20	81		
14	65		
10	52		
6.3	41		
5	36		
3.35	33		
2	31		
1.18	29		
0.6	28		
0.425	27		
0.3	25		
0.212	21		
0.15	17		
0.063	15		

Sample Proportions	% dry mass
Very coarse	0
Gravel	70
Sand	15
Fines <0.063mm	15

Grading Analysis	
D100	mm
D60	mm
D30	mm
D10	mm
Uniformity Coefficient	
Curvature Coefficient	

Remarks
Preparation and testing in accordance with ISO17892 Part 4 unless noted below

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Initials: J.P

Date: 19/09/2025

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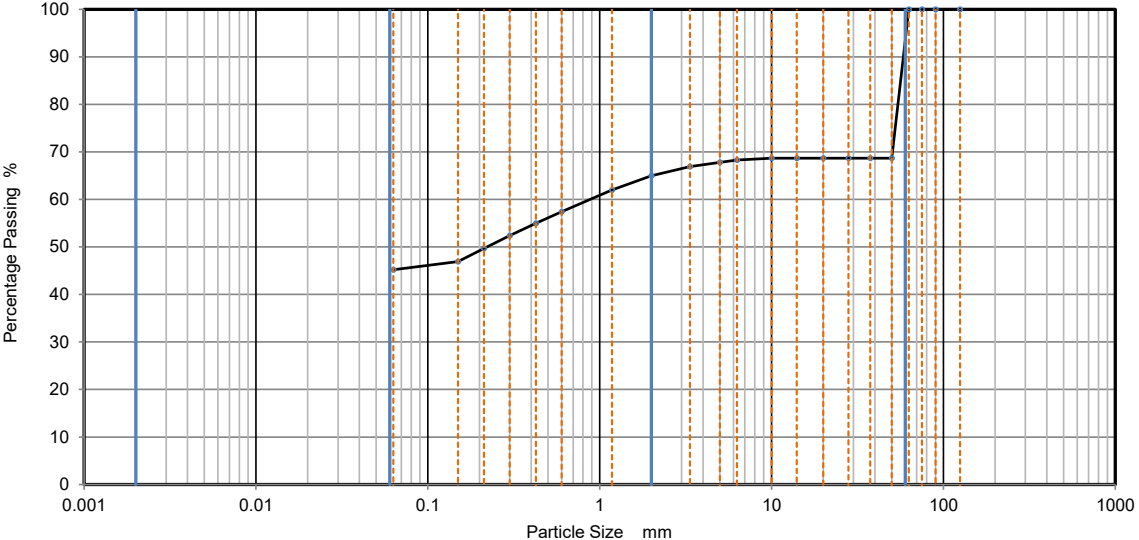
Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5-R3

	PARTICLE SIZE DISTRIBUTION			Job Ref	37772
				Borehole/Pit No.	TP06
Site Name	Holly Tree Farm			Sample No.	2
Project No.	GE23094	Client	GESL	Depth Top	1.00 m
Soil Description	Orangish brown mottled grey and reddish brown slightly sandy gravelly silty CLAY (gravel is fmc and sub-angular to sub-rounded)			Depth Base	- m
				Sample Type	D
				Samples received	18/08/2025
				Schedules received	20/08/2025
Test Method	BS EN ISO 17892 Part 4: 2016			Project started	20/08/2025
				Date tested	09/09/2025

These results only apply to the items tested

CLAY	SILT			SAND			GRAVEL			COBBLES	BOULDERS
	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse		



Percentage Passing %

Particle Size mm

Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	69		
37.5	69		
28	69		
20	69		
14	69		
10	69		
6.3	68		
5	68		
3.35	67		
2	65		
1.18	62		
0.6	57		
0.425	55		
0.3	52		
0.212	50		
0.15	47		
0.063	45		

Sample Proportions		% dry mass
Very coarse		0
Gravel		35
Sand		20
Fines <0.063mm		45

Grading Analysis		
D100	mm	
D60	mm	0.876
D30	mm	
D10	mm	
Uniformity Coefficient		
Curvature Coefficient		

Remarks

Preparation and testing in accordance with ISO17892 Part 4 unless noted below

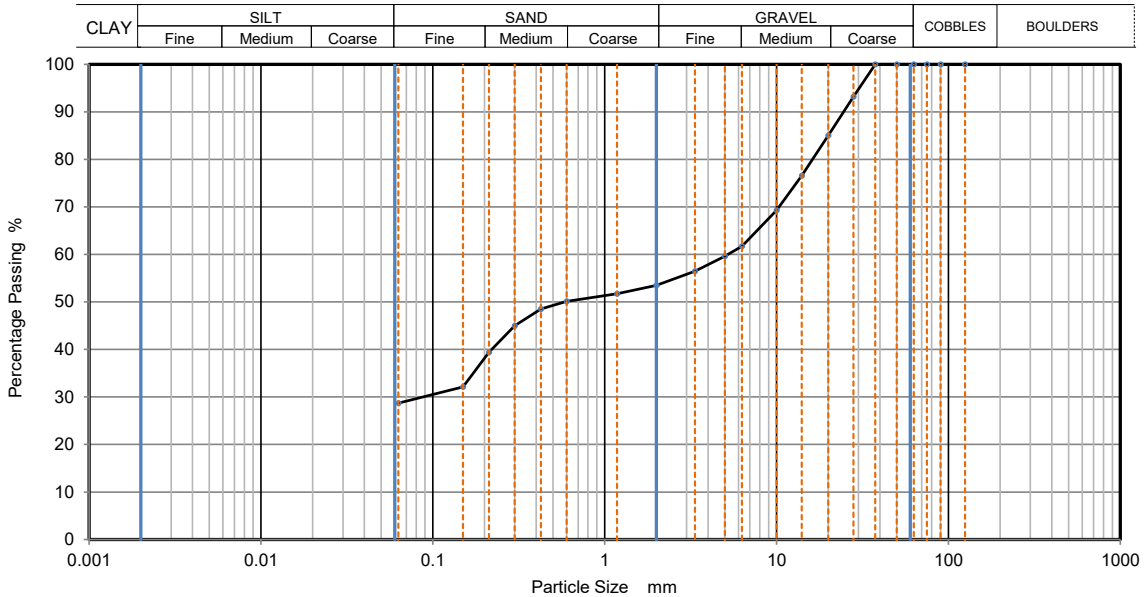
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	2519 Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)		MSF-5-R3



PARTICLE SIZE DISTRIBUTION

	PARTICLE SIZE DISTRIBUTION			Job Ref	37772
				Borehole/Pit No.	WS04
Site Name	Holly Tree Farm			Sample No.	1
Project No.	GE23094	Client	GESL	Depth Top	0.50 m
Soil Description	Brown, orangish brown and grey slightly sandy very gravelly silty CLAY (gravel is fmc and angular to rounded)			Depth Base	- m
				Sample Type	D
				Samples received	18/08/2025
				Schedules received	20/08/2025
Test Method	BS EN ISO 17892 Part 4: 2016			Project started	20/08/2025
These results only apply to the items tested				Date tested	04/09/2025



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	93		
20	85		
14	77		
10	69		
6.3	62		
5	60		
3.35	57		
2	54		
1.18	52		
0.6	50		
0.425	49		
0.3	45		
0.212	39		
0.15	32		
0.063	29		

Sample Proportions	% dry mass
Very coarse	0
Gravel	46
Sand	25
Fines <0.063mm	29

Grading Analysis	
D100	mm
D60	mm
D30	mm
D10	mm
Uniformity Coefficient	
Curvature Coefficient	

Remarks
Preparation and testing in accordance with ISO17892 Part 4 unless noted below

NOTE: The report shall not be reproduced except in full without approval of the laboratory



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Checked and Approved

Initials: J.P

Date: 19/09/2025

2519

Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

MSF-5-R3



California Bearing Ratio (CBR)

Job Ref	37772		
	Borehole/Pit No.		
Site Name	Holly Tree Farm		
Project No.	GE23094	Client	GESL
Soil Description	Orangish brown mottled grey slightly gravelly silty CLAY (gravel is fmc and sub-angular to sub-rounded)		
Test Method	BS 1377-2:2022		

Specimen Preparation

Condition REMOULDED

Details Recompacted with specified standard effort using 2.5kg rammer

Soaking details

Period of soaking 6 days

Time to surface 1 days

Amount of swell recorded 3.20 mm

Material retained on 20mm sieve removed 3 %

Initial Specimen details Bulk density 1.71 Mg/m3

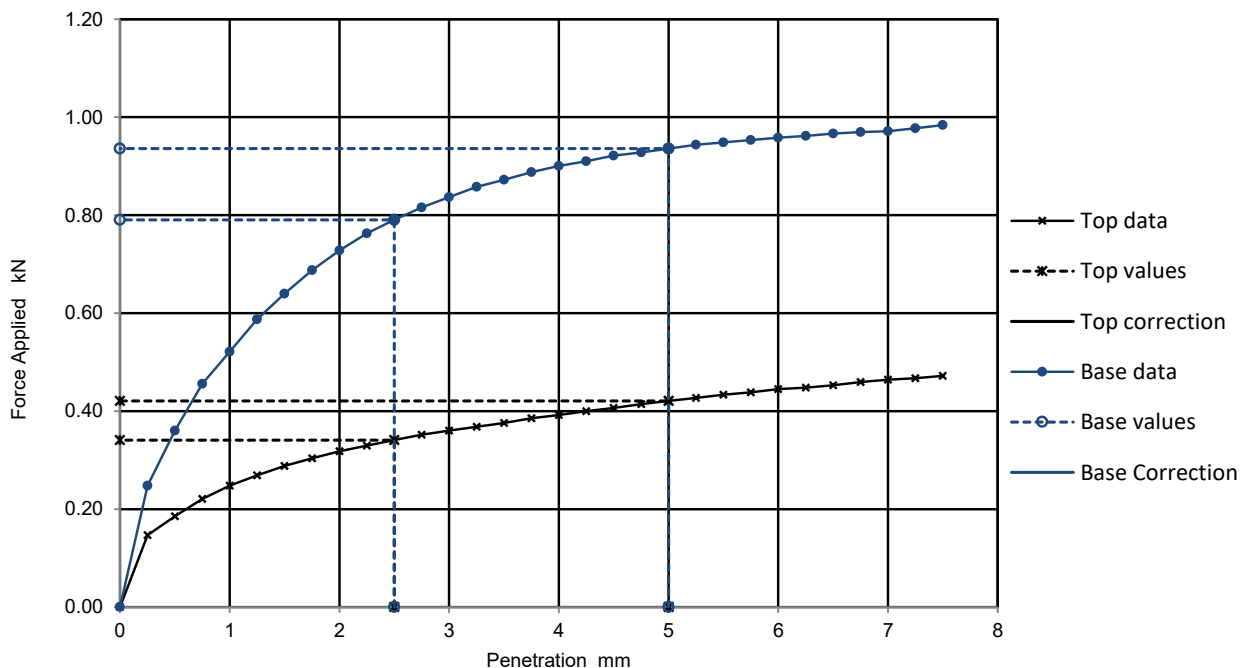
Dry density 1.32 Mg/m3

Water content 29.9 %

Surcharge applied 6 kg

4 kPa

Force v Penetration Plots



Results

TOP
BASE

Curve correction applied	CBR Values, %			
	2.5mm	5mm	Highest	Average
No	2.6	2.1	2.6	N/A
No	6.0	4.7	6.0	

Water Content %
41.4
32.1

Remarks

1



Test Report by K4 SOILS LABORATORY
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