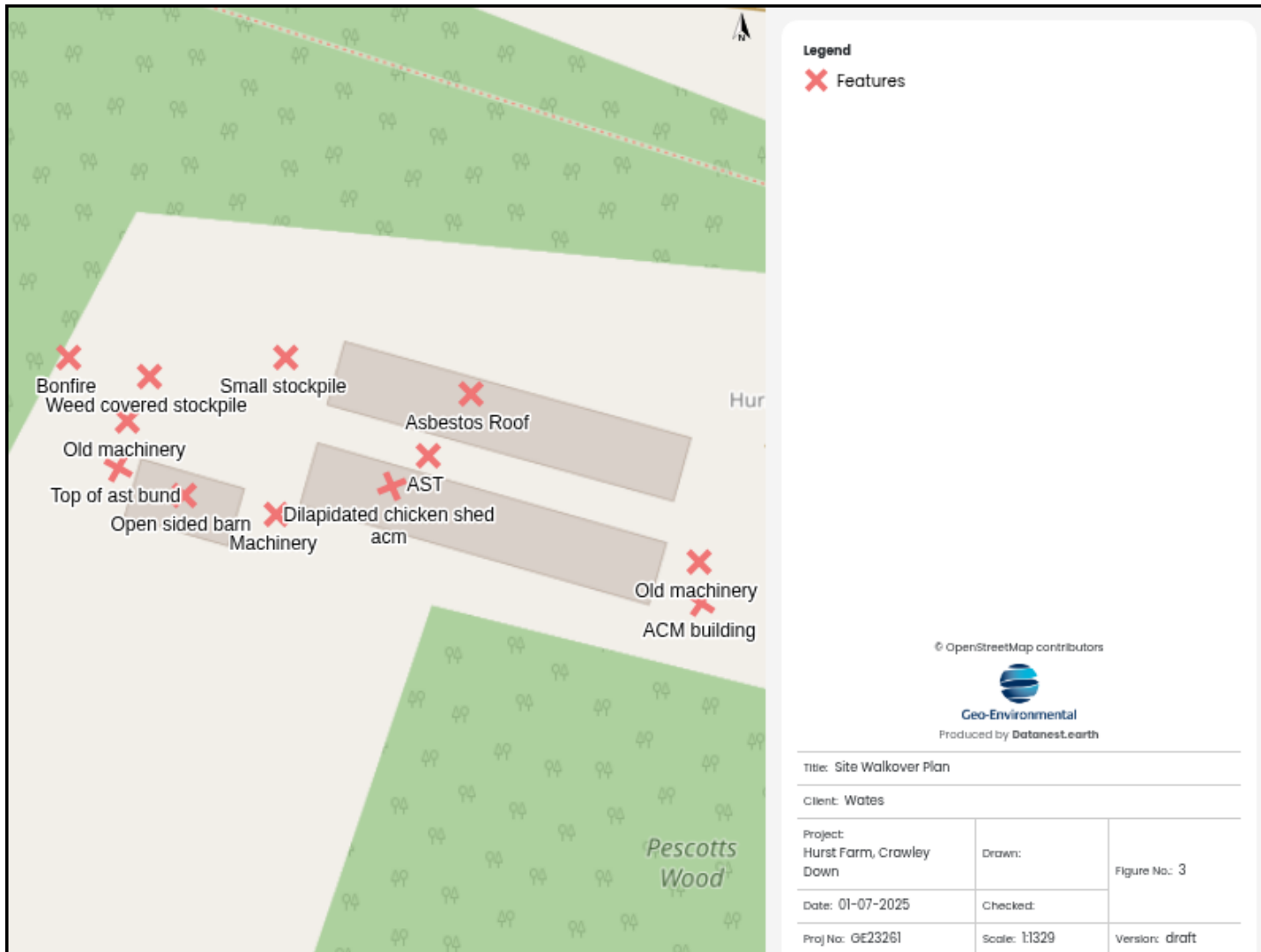




[01-07-2025]



3 [01-07-2025]



APPENDIX B

Exploratory Hole Logs & Sections





Geo-Environmental

Contract Name:
Hurst Farm, Crawley Down

Client:
Wates Land and Development

Trial Pit ID:
TP01

Contract Number:
GE23261

Date Started:
28/07/2025

Logged By:
AP

Checked By:

Status:
FINAL

Sheet 1 of 1

Trial Pit Log

Easting:
533525.0

Northing:
138114.6

Ground Level:
113.54mOD

Plant Used:
3T Excavator

Date Printed:
19/09/2025

Scale:
1:25

Weather: Sunny

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		113.32	0.22		Nettles overlying brown slightly sandy silt with frequent rootlets and rare roots 1-3mm diameter. TOPSOIL		
0.50 0.50	D1 ES2			(0.70)		Brown slightly clayey SILT with rare fine roots, possibly reworked. UPPER TUNBRIDGE WELLS SAND	0.5	
1.00	D2		112.64	0.90		Light brown slightly clayey SILT with rare fine roots to 1.1mbgl. UPPER TUNBRIDGE WELLS SAND	1.0	
			112.34	1.20		Orange brown and grey mottled clayey SILT with occasional weakly cemented siltstone gravel. UPPER TUNBRIDGE WELLS SAND	1.5	
1.50	D3		111.84	1.70		End of Trial Pit at 1.70m	2.0 2.5 3.0 3.5	

Dimensions:

Final Depth:	1.70m
Final Width:	0.50m
Final Length:	2.30m

Photo:

Remarks

Refused at 1.70mbgl

Water Strikes (mbgl)		
Depth Strike	Rose to	Time Elapsed (mins)



Geo-Environmental

Contract Name:
Hurst Farm, Crawley Down

Client:
Wates Land and Development

Trial Pit ID:
TP02

Contract Number:
GE23261

Date Started:
28/07/2025

Logged By:
AP

Checked By:

Status:
FINAL

Sheet 1 of 1

Trial Pit Log

Easting:
533518.2

Northing:
138090.0

Ground Level:
114.70mOD

Plant Used:
3T Excavator

Date Printed:
19/09/2025

Scale:
1:25

Weather: Sunny

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		
0.20	ES1	PP=1kg/cm2	114.40	(0.30)		Grass overlying brown very silty clay with occasional roots 1-4mm and rootlets. TOPSOIL	0.5 1.0 1.5 2.0 2.5 3.0 3.5	
0.50 0.50	D1 ES2			0.30		Brown reworked very clayey silt with rare brick and concrete fragments and rare sub rounded flint gravel. MADE GROUND		
1.00 1.00	D2 ES3		113.80 113.70	0.90 1.00		Brown organic very silty clay. MADE GROUND		
1.50 1.70	D3 ES4		(1.30)		Grey and black stained silty clay with a hydrocarbon malodour. MADE GROUND			
2.30	D4		112.40	2.30		End of Trial Pit at 2.30m		

Dimensions:

Photo:

Final Depth: 2.30m

Final Width: 0.50m

Final Length: 2.30m

Remarks

Water Strikes (mbgl)

Depth Strike	Rose to	Time Elapsed (mins)



Geo-Environmental

Contract Name:
Hurst Farm, Crawley Down

Client:
Wates Land and Development

Trial Pit ID:
TP03

Contract Number:
GE23261

Date Started:
28/07/2025

Logged By:
AP

Checked By:

Status:
FINAL

Sheet 1 of 1

Trial Pit Log

Easting:
533577.4

Northing:
138063.6

Ground Level:
115.11mOD

Plant Used:
3T Excavator

Date Printed:
19/09/2025

Scale:
1:25

Weather: Sunny

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		114.95	0.16		Grass overlying dark brown silty sand with frequent fine to coarse angular to sub-angular limestone and flint gravel.		
			114.87	0.24		MADE GROUND		
						Brown silty sand with occasional fine to coarse angular to sub-angular limestone and flint gravel.		
						MADE GROUND		
0.50	D1					Yellowish brown clayey SILT with rare dead roots and occasional fine to coarse angular to sub angular siltstone gravel.	0.5	
0.70	ES2			(1.06)		UPPER TUNBRIDGE WELLS SAND	1.0	
							1.5	
			113.81	1.30		End of Trial Pit at 1.30m	2.0	
							2.5	
							3.0	
							3.5	

Dimensions:

Photo:

Final Depth: 1.30m

Final Width: 0.50m

Final Length: 1.90m

Remarks

Refused at 1.3mbgl

Water Strikes (mbgl)

Depth Strike	Rose to	Time Elapsed (mins)

--	--	--



Geo-Environmental

Contract Name:
Hurst Farm, Crawley Down

Client:
Wates Land and Development

Trial Pit ID:
TP04

Contract Number:
GE23261

Date Started:
28/07/2025

Logged By:
AP

Checked By:

Status:
FINAL

Sheet 1 of 1

Trial Pit Log

Easting:
533593.0

Northing:
138105.4

Ground Level:
114.34mOD

Plant Used:
3T Excavator

Date Printed:
19/09/2025

Scale:
1:25

Weather:

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		114.14	0.20		Grass overlying brown clayey silt with frequent rootlets. TOPSOIL		
			114.04	0.30		Light brown clayey SILT with rare roots 1-4mm diameter. UPPER TUNBRIDGE WELLS SAND		
0.50 0.50	D1 ES2			(0.80)		Yellowish brown slightly clayey SILT with frequent tabulated weakly cemented sandstone and rare roots to 1.0mbgl. UPPER TUNBRIDGE WELLS SAND	0.5	
1.00 1.00	D2 ES3		113.24	1.10		End of Trial Pit at 1.10m	1.0	
							1.5	
							2.0	
							2.5	
							3.0	
							3.5	

Dimensions:

Photo:

Final Depth: 1.10m

Final Width: 0.50m

Final Length: 2.10m

Remarks

Refused at 1.1mbgl

Water Strikes (mbgl)

Depth Strike	Rose to	Time Elapsed (mins)



Geo-Environmental

Contract Name:
Hurst Farm, Crawley Down

Client:
Wates Land and Development

Trial Pit ID:
TP101

Contract Number:
GE23261

Date Started:
28/07/2025

Logged By:
AP

Checked By:

Status:
FINAL

Sheet 1 of 1

Trial Pit Log

Easting:
533549.1

Northing:
138079.5

Ground Level:

Plant Used:
3T Excavator


Date Printed:
19/09/2025

Scale:
1:25

Weather: Sunny

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			
0.20	ES1			(0.30) 0.30		Brown silty sand brick, concrete and general builders waste. MADE GROUND			
						End of Trial Pit at 0.30m			

Dimensions:

Final Depth: 0.30m

Final Width: 1.00m

Final Length: 1.00m

Remarks

Water Strikes (mbgl)

Depth Strike	Rose to	Time Elapsed (mins)

Photo:



Geo-Environmental

Contract Name:
Hurst Farm, Crawley Down

Client:
Wates Land and Development

Trial Pit ID:
TP102

Contract Number:
GE23261

Date Started:
28/07/2025

Logged By:
AP

Checked By:

Status:
FINAL

Sheet 1 of 1

Trial Pit Log

Easting:
533512.4

Northing:
138086.7

Ground Level:

Plant Used:
3T Excavator


Date Printed:
19/09/2025

Scale:
1:25

Weather: Sunny

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			
0.00 - 0.20	ES1			0.20		Brown sandy clayey silt with roots, brick and concrete gravel and rare wood. MADE GROUND			
						End of Trial Pit at 0.20m			

Dimensions:

Final Depth: 0.20m

Final Width: 0.00m

Final Length: 0.00m

Remarks

Water Strikes (mbgl)

Depth Strike	Rose to	Time Elapsed (mins)

Photo:



Geo-Environmental

Contract Name:
Hurst Farm, Crawley Down

Client:
Wates Land and Development

Trial Pit ID:
TP103

Contract Number:
GE23261

Date Started:
28/07/2025

Logged By:
AP

Checked By:

Status:
FINAL

Sheet 1 of 1

Trial Pit Log

Easting:
533526.1

Northing:
138064.9

Ground Level:

Plant Used:
3T Excavator


Date Printed:
19/09/2025

Scale:
1:25

Weather: Sunny

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		
0.20	ES1			(0.30) 0.30		Brown clayey silt with frequent roots, occasional plastic and brick and flint gravel MADE GROUND		
						End of Trial Pit at 0.30m		

Dimensions:

Final Depth: 0.30m

Final Width: 0.00m

Final Length: 0.00m

Remarks

Water Strikes (mbgl)

Depth Strike	Rose to	Time Elapsed (mins)

Photo:



Geo-Environmental

Contract Name:
Hurst Farm, Crawley Down

Client:
Wates Land and Development

Trial Pit ID:
TP104

Contract Number:
GE23261

Date Started:
28/07/2025

Logged By:
AP

Checked By:

Status:
FINAL

Sheet 1 of 1

Trial Pit Log

Easting:
533543.6

Northing:
138069.7

Ground Level:

Plant Used:
3T Excavator


Date Printed:
19/09/2025

Scale:
1:25

Weather: Sunn6

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		
0.20	ES1			(0.30)		Brown silty sand with frequent roots and frequent fine to coarse sub-rounded to sub-angular flint. MADE GROUND		
				0.30		End of Trial Pit at 0.30m		

Dimensions:

Photo:

Final Depth: 0.30m

Final Width: 0.00m

Final Length: 0.00m

Remarks

Water Strikes (mbgl)

Depth Strike	Rose to	Time Elapsed (mins)



Geo-Environmental www.gesl.net

Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS01

Sheet 1 of 1

Project Name: Hurst Farm, Crawley Down

Project No.
GE23261

Co-ords: 533501E - 138131N

Hole Type
WLS

Location: Crawley Down, West Sussex

Level: 112.50

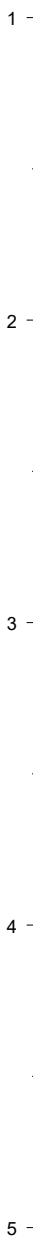
Scale
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Client: Wates Land and Development

Dates: 24/07/2025

Logged By
AP

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.20	112.30		Grey silty clay with frequent rootlets TOPSOIL
		0.50	D				3.0kg/cm2	
		0.50	ES					
		0.50	PP					
	1.00	D		4.5kg/cm2 50 (5,7/50 for 210mm)	111.00		End of Borehole at 1.50m	
	1.00	PP						
	1.00	S						



Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
					Refused at 1.5mbgl



Status
FINAL



Geo-Environmental www.gesl.net

Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS02

Sheet 1 of 1

Project Name: Hurst Farm, Crawley Down

Project No.
GE23261

Co-ords: 533500E - 138085N

Hole Type
WLS

Location: Crawley Down, West Sussex

Level: 114.20

Scale
1:25

Client: Wates Land and Development

Dates: 24/07/2025

Logged By
AP

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.10	114.10	Dark brown slightly sandy silty clay with occasional rootlets MADE GROUND		
		0.50 0.50 0.50	D ES PP	1.0kg/cm2	0.55	113.65	Brown mottled silty friable clay with very rare brick fragments MADE GROUND		
		1.00 1.00	D S	N=1 (0,0/0,0,0,1)	1.30	112.90	Dark brown very sandy silty friable CLAY with organic debris including rotting wood and a mild organic odour. MADE GROUND	1	
		1.50 1.50	D PP	1.0kg/cm2	1.50	112.70	Soft grey brown silty CLAY. UPPER TUNBRIDGE WELLS SAND		
		2.00 2.00 2.00	D PP S	4.5kg/cm2 N=50 (3,3/50 for 295mm)	2.00	112.20	Firm to very stiff brown and grey mottled silty CLAY with occasional weakly cemented siltstone gravel. UPPER TUNBRIDGE WELLS SAND		
							End of Borehole at 2.00m	2	
								3	
								4	
								5	

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
					Refused at 2mbgl



Status
FINAL



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Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS03

Sheet 1 of 1

Project Name: Hurst Farm, Crawley Down

Project No.
GE23261

Co-ords: 533544E - 138047N

Hole Type
WLS

Location: Crawley Down, West Sussex



Level: 114.93

Scale
1:25

Client: Wates Land and Development

Dates: 24/07/2025

Logged By
AP

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	ES	N=29 (4,5/7,7,7,8)	0.15	114.78	 Dark grey compacted tarmacadam gravel over a terram.  MADE GROUND Stiff to very stiff orange brown and grey mottled slightly sandy slightly clayey SILT with rare fine to coarse sub-angular sandstone gravel UPPER TUNBRIDGE WELLS SAND	1	
		0.50	D						
		1.00	D						
		1.00	ES						
		1.00	PP						
		1.00	S						
		1.50	D						
		1.50	ES						
		2.00	D						
		2.00	S	Refusal (75 for 72mm/0 for 0mm)	2.10	112.83		End of Borehole at 2.10m	2
									3
									4
									5

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
					Refused at 2.1



Status
FINAL



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Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS04

Sheet 1 of 1

Project Name: Hurst Farm, Crawley Down

Project No.
GE23261

Co-ords: 533628E - 138047N

Hole Type
WLS

Location: Crawley Down, West Sussex

Level: 115.28

Scale
1:25

Client: Wates Land and Development

Dates: 24/07/2025

Logged By
AP

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.05			0.05	115.22	Dark brown silty clay with frequent rootlets. TOPSOIL	
		0.50	D				Very stiff orange brown and grey very silty friable CLAY with black ferruginous inclusions. UPPER TUNBRIDGE WELLS SAND	
		0.50	ES					
		0.50	PP	4.5kg/cm2				
		0.70			0.70	114.58	Very stiff light grey and orange brown mottled SILT with rare weakly cemented siltstone gravel. UPPER TUNBRIDGE WELLS SAND	
		0.90	S	50 (25 for 85mm/50 for 60mm)				
		1.00	D		1.10	114.18	End of Borehole at 1.10m	

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
					Refused at 1.10mbgl



Status
FINAL



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Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS05

Sheet 1 of 1

Project Name: Hurst Farm, Crawley Down

Project No.
GE23261

Co-ords: 533561E - 138090N

Hole Type
WLS

Location: Crawley Down, West Sussex


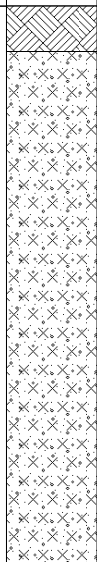
Level: 114.30

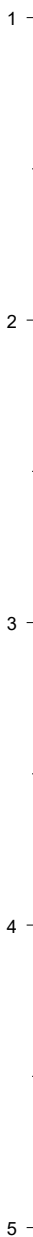
Scale
1:25

Client: Wates Land and Development

Dates: 24/07/2025

Logged By
AP

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.15	114.15		Brown slightly sandy silty clay with frequent rootlets. TOPSOIL
		0.50 0.50	D ES					Very stiff grey and brown mottled slightly clayey slightly sandy CLAY with rare rootlets to 0.5m and occasional weakly cemented siltstone gravel. UPPER TUNBRIDGE WELLS SAND
		1.00 1.00 1.00	D ES S	N=39 (5,6/8,9,9,13)				
		1.50 1.50	D S	50 (25 for 135mm/50 for 140mm)				
				1.85	112.45		End of Borehole at 1.85m	



Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
					Refused at 1.85mbgl



Status
FINAL



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Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS06

Sheet 1 of 1

Project Name: Hurst Farm, Crawley Down

Project No.
GE23261

Co-ords: 533673E - 138047N

Hole Type
WLS

Location: Crawley Down, West Sussex

Level: 116.29

Scale
1:25

Client: Wates Land and Development

Dates: 24/07/2025

Logged By
AP

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.25	116.04		Brown slightly sandy silty clay with frequent rootlets. TOPSOIL	
		0.50 0.50	D ES					Very stiff orange brown and grey mottled clayey SILT. UPPER TUNBRIDGE WELLS SAND	
		1.00 1.00	D S	N=34 (7,9/8,9,9,8)					
		1.50	D						
		1.80			1.80	114.49		Very stiff orange brown and grey very silty CLAY clayey SILT. UPPER TUNBRIDGE WELLS SAND	
		2.00 2.00 2.00	D ES S	N=38 (3,6/6,7,11,14)	2.00	114.29		Very stiff grey brown slightly clayey SILT. UPPER TUNBRIDGE WELLS SAND	
		2.50	D						
		2.90	S	Refusal (75 for 60mm/0 for 0mm)	2.80 2.90	113.49 113.39		Very stiff light brown and black stained slightly clayey SILT. UPPER TUNBRIDGE WELLS SAND End of Borehole at 2.90m	

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
					Refused at 2.9mbgl



Status
FINAL



Geo-Environmental www.gesl.net

Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS07

Sheet 1 of 1

Project Name: Hurst Farm, Crawley Down

Project No.
GE23261

Co-ords: 533597E - 138082N

Hole Type
WLS

Location: Crawley Down, West Sussex




Level: 114.84

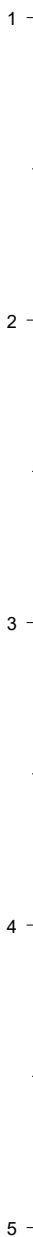
Scale
1:25

Client: Wates Land and Development

Dates: 24/07/2025

Logged By
AP

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES	N=32 (4,7/8,8,8,8)	0.10	114.74	 Brown sandy clayey silt with frequent rootlets.  TOPSOIL Stiff to very stiff orange brown and grey mottled slightly clayey SILT with rare fine to coarse weakly cemented siltstone gravel.  UPPER TUNBRIDGE WELLS SAND	
		0.50	D					
		1.00 1.00 1.00	D ES S	50 (25 for 105mm/50 for 80mm)	1.80	113.04	End of Borehole at 1.80m	
		1.50 1.50 1.50	D ES S					



Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
					Refused at 1.8mbgl



Status
FINAL



Geo-Environmental www.gesl.net

Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS08

Sheet 1 of 1

Project Name: Hurst Farm, Crawley Down

Project No.
GE23261

Co-ords: 533652E - 138030N

Hole Type
WLS

Location: Crawley Down, West Sussex

Level: 116.54

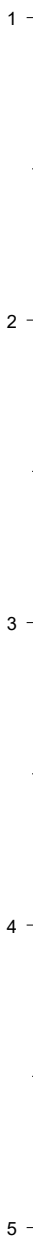
Scale
1:25

Client: Wates Land and Development

Dates: 25/07/2025

Logged By
AP

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.15	116.39		Grass overlying brown very silty clay with frequent rootlets. TOPSOIL
					0.30	116.24		Brown clayey SILT with rare rootlets. UPPER TUNBRIDGE WELLS SAND
		0.50 0.50	D ES					Very stiff orange brown and grey mottled clayey SILT with rare to occasional fine to coarse sub-angular siltstone gravel. UPPER TUNBRIDGE WELLS SAND
		1.00 1.00	D S	50 (4,5/50 for 225mm)				
					1.47	115.07		End of Borehole at 1.47m



Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
					Refused at 1.47mbgl including SPT



Status
FINAL



Geo-Environmental www.gesl.net

Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS09

Sheet 1 of 1

Project Name: Hurst Farm, Crawley Down

Project No.
GE23261

Co-ords: 533622E - 138060N

Hole Type
WLS

Location: Crawley Down, West Sussex

Level:

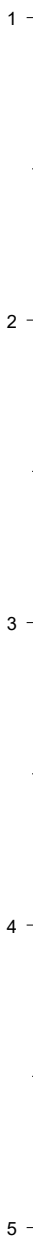
Scale
1:25

Client: Wates Land and Development

Dates: 25/07/2025

Logged By
AP

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.16		Concrete underlain by a plastic membrane. MADE GROUND	
		0.50 0.50	D ES				Very stiff orange brown and grey mottled with black staining friable silty CLAY with occasional fine to coarse angular to sub-angular siltstone gravel. UPPER TUNBRIDGE WELLS SAND	
		1.00 1.00 1.00	D ES S	50 (25 for 140mm/50 for 60mm)				
					1.30		End of Borehole at 1.30m	



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



Status
FINAL



Geo-Environmental www.gesl.net

Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS10

Sheet 1 of 1

Project Name: Hurst Farm, Crawley Down

Project No.
GE23261

Co-ords: 533706E - 138057N

Hole Type
WLS

Location: Crawley Down, West Sussex

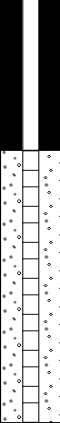

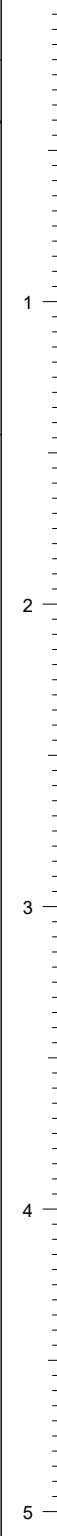

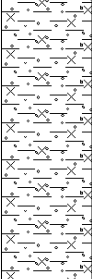
Level: 117.35

Scale
1:25

Client: Wates Land and Development

Dates: 25/07/2025

Logged By
AP

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20			0.20	117.15	 Dark brown sandy silt with frequent rootlets and occasional brick and concrete cobbles. MADE GROUND	
		0.30	ES		0.40	116.95	 Brown reworked silty sand with brick and concrete gravel and rare cobbles. Rare possible asbestos containing material. MADE GROUND	
		0.50	D				 Very stiff brown and grey mottled very silty CLAY/ clayey SILT with rare fine roots and occasional fine to coarse sub angular siltstone gravel. UPPER TUNBRIDGE WELLS SAND	
		0.60	ES					
		1.00	D	50 (2,6/50 for 220mm)				
	1.00	S		1.44	115.91		End of Borehole at 1.44m	

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
					Refused at 1.44mbgl



Status
FINAL



Geo-Environmental www.gesl.net

Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS11

Sheet 1 of 1

Project Name: Hurst Farm, Crawley Down

Project No.
GE23261

Co-ords: 533717E - 138086N

Hole Type
WLS

Location: Crawley Down, West Sussex


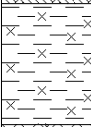

Level: 116.89

Scale
1:25

Client: Wates Land and Development

Dates: 25/07/2025

Logged By
AP

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES	N=45 (5,6/45 for 245mm)	0.20	116.68	 Brown sandy clay with frequent rootlets. TOPSOIL	1
		0.50 0.50	D ES		0.60	116.28	 Orange brown and grey mottled very silty CLAY/ clayey SILT with rare roots 2-4mm diameter. UPPER TUNBRIDGE WELLS SAND	
		1.00 1.00	D S		1.50	115.38	 Very stiff orange brown and grey mottled SILT with occasional fine to coarse sub angular siltstone gravel. UPPER TUNBRIDGE WELLS SAND	2
							End of Borehole at 1.50m	

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
					Refused at 1.5mbgl including spt



Status
FINAL



Geo-Environmental www.gesl.net

Unit 7, Danworth Farm
Hurstpierpoint
BN6 9GL

Borehole Log

Borehole No.

WS12

Sheet 1 of 1

Project Name: Hurst Farm, Crawley Down

Project No.
GE23261

Co-ords: 533664E - 138071N

Hole Type
WLS

Location: Crawley Down, West Sussex

Level: 115.81

Scale
1:25

Client: Wates Land and Development

Dates: 25/07/2025

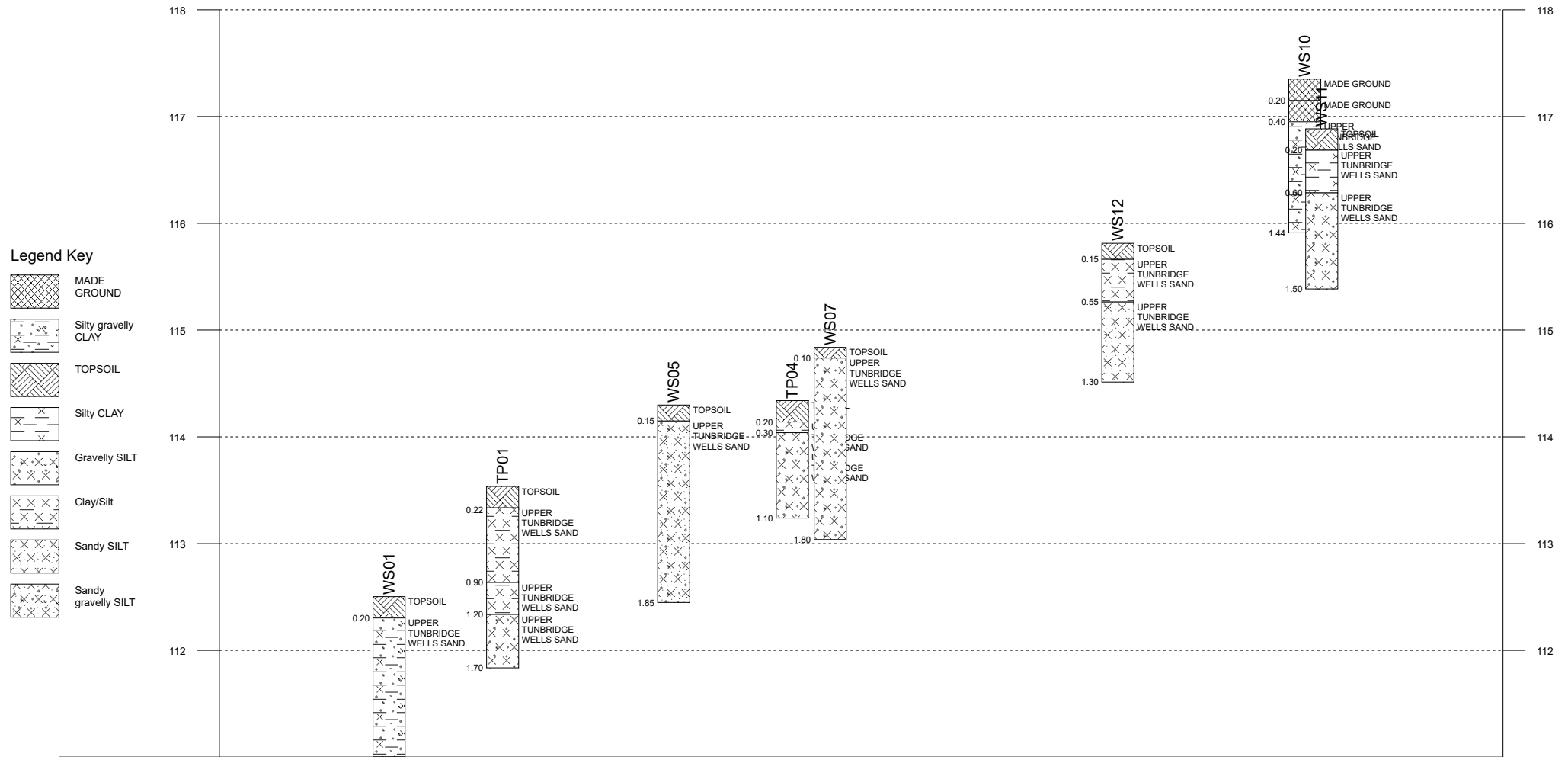
Logged By
AP

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.15			0.15	115.66	Grass overlying brown clayey silt with frequent rootlets. TOPSOIL	
		0.50 0.50	D ES		0.55	115.26	Orange brown and grey mottled very clayey SILT. UPPER TUNBRIDGE WELLS SAND	
		0.90 1.00 1.00	S D ES	50 (25 for 145mm/50 for 220mm)			Very stiff orange brown and grey mottled slightly sandy SILT. UPPER TUNBRIDGE WELLS SAND	
					1.30	114.51	End of Borehole at 1.30m	

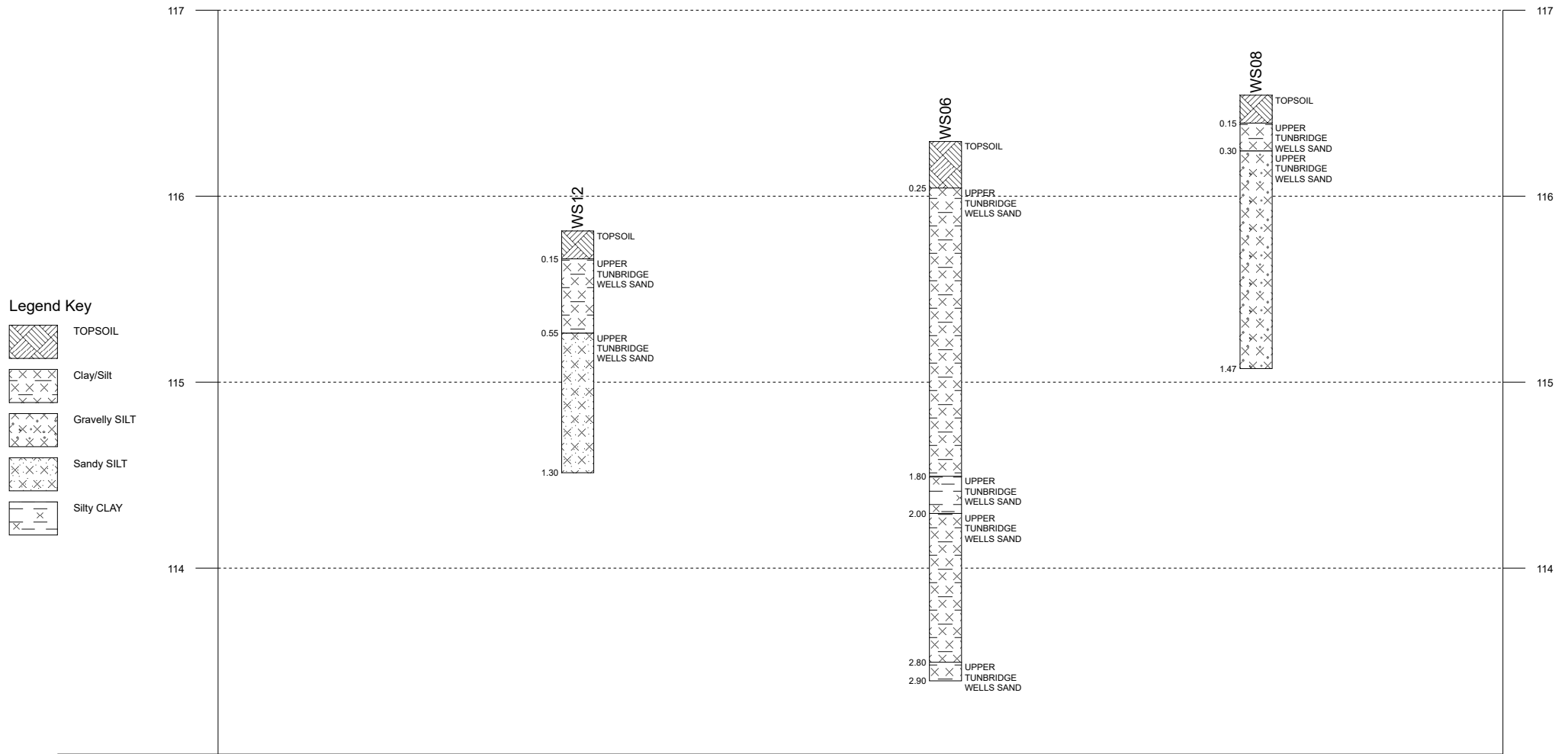
Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
					Refused at 1.3mbgl



Status
FINAL



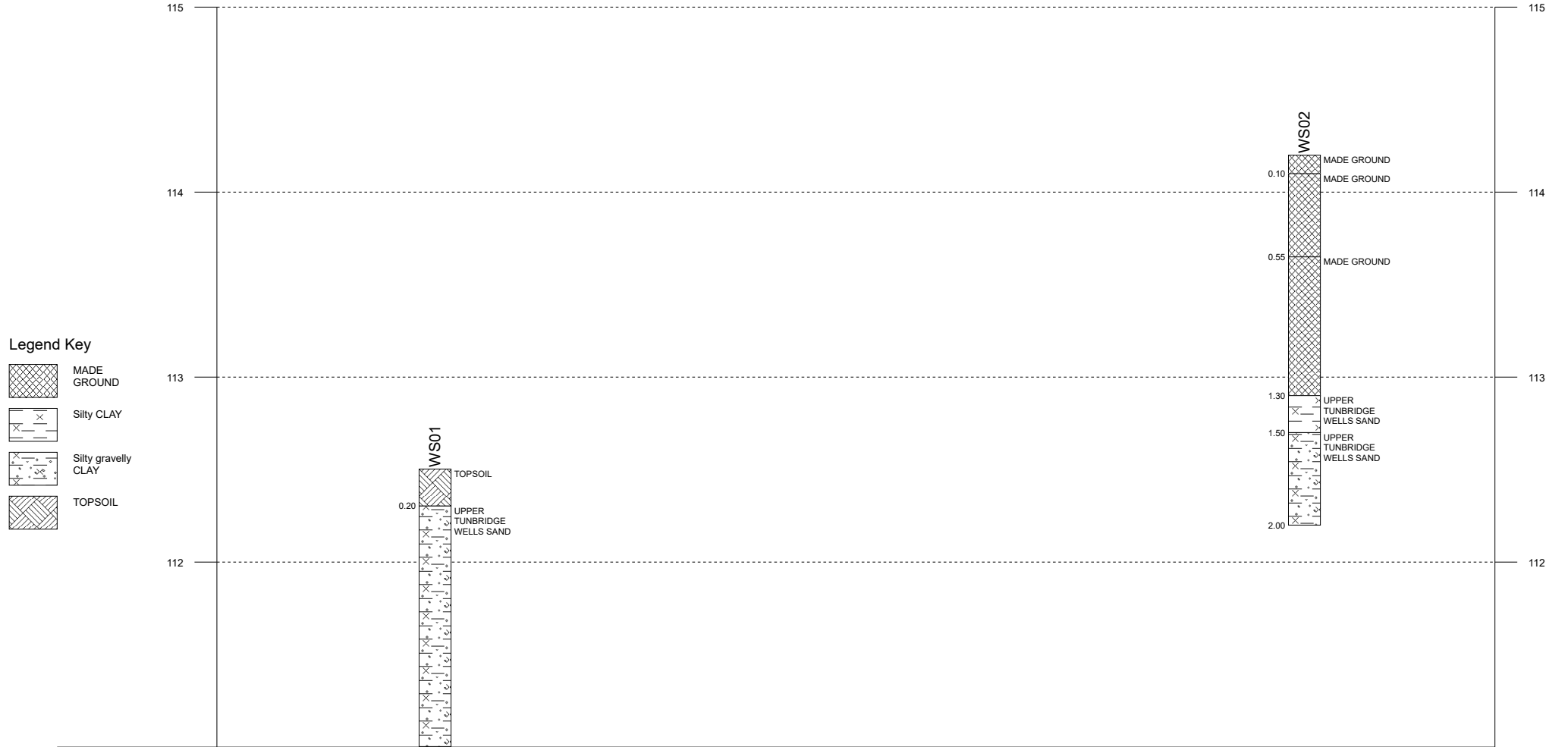
Chainage (m)	0.00	5.97	32.75	73.10	101.08	110.02	177.87	221.95	225.95	234.63
Offset (m)		5.01	5.73	21.64	0.36	21.81	17.58	21.40	8.93	
Elevation (mAOD)	112.50		113.54	114.30	114.34	114.84	115.81	116.89	116.89	



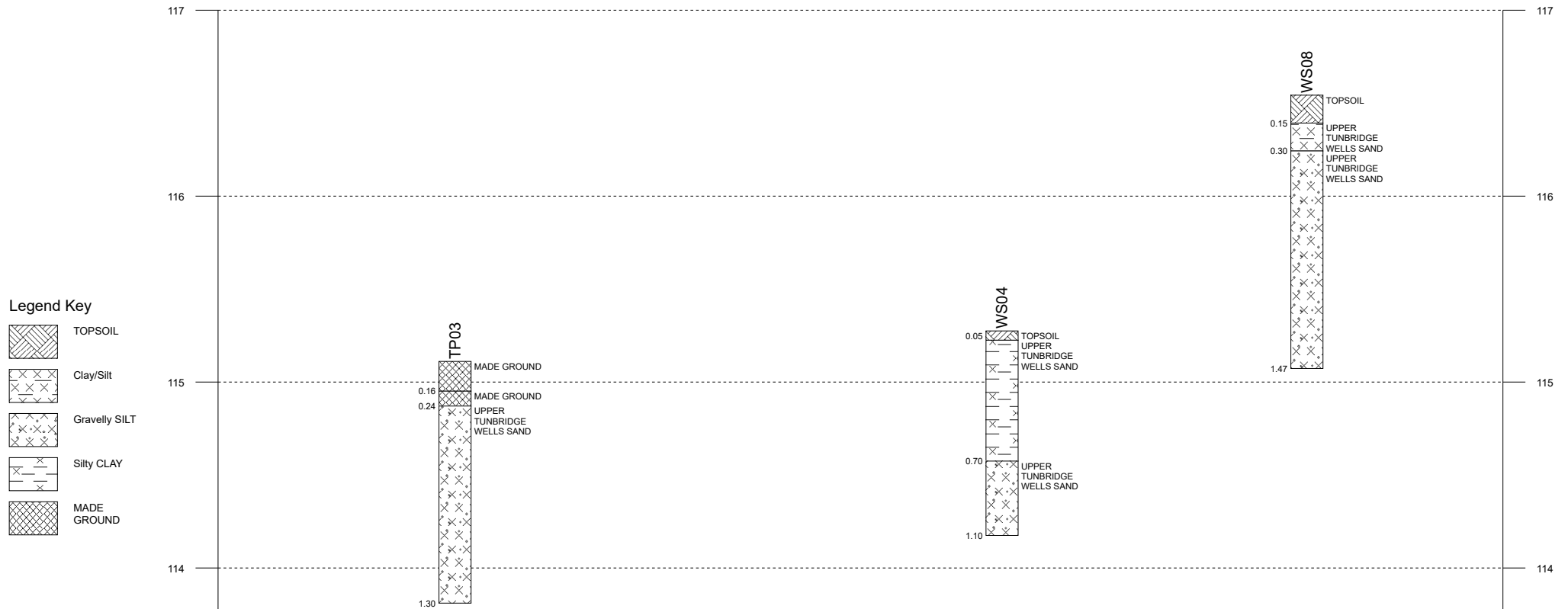
Chainage (m)	0.00	13.32	36.08	55.31	61.62
Offset (m)		3.18	9.08	9.16	
Elevation (mAOD)		115.81	116.29	116.54	

Project Id: GE23261
 Project Title: Hurst Farm, Crawley Down
 Location: Crawley Down, West Sussex
 Client: Wates Land and Development






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 Vertical Scale: 1:31
 Horizontal Scale: 1:301
 Engineer: AP



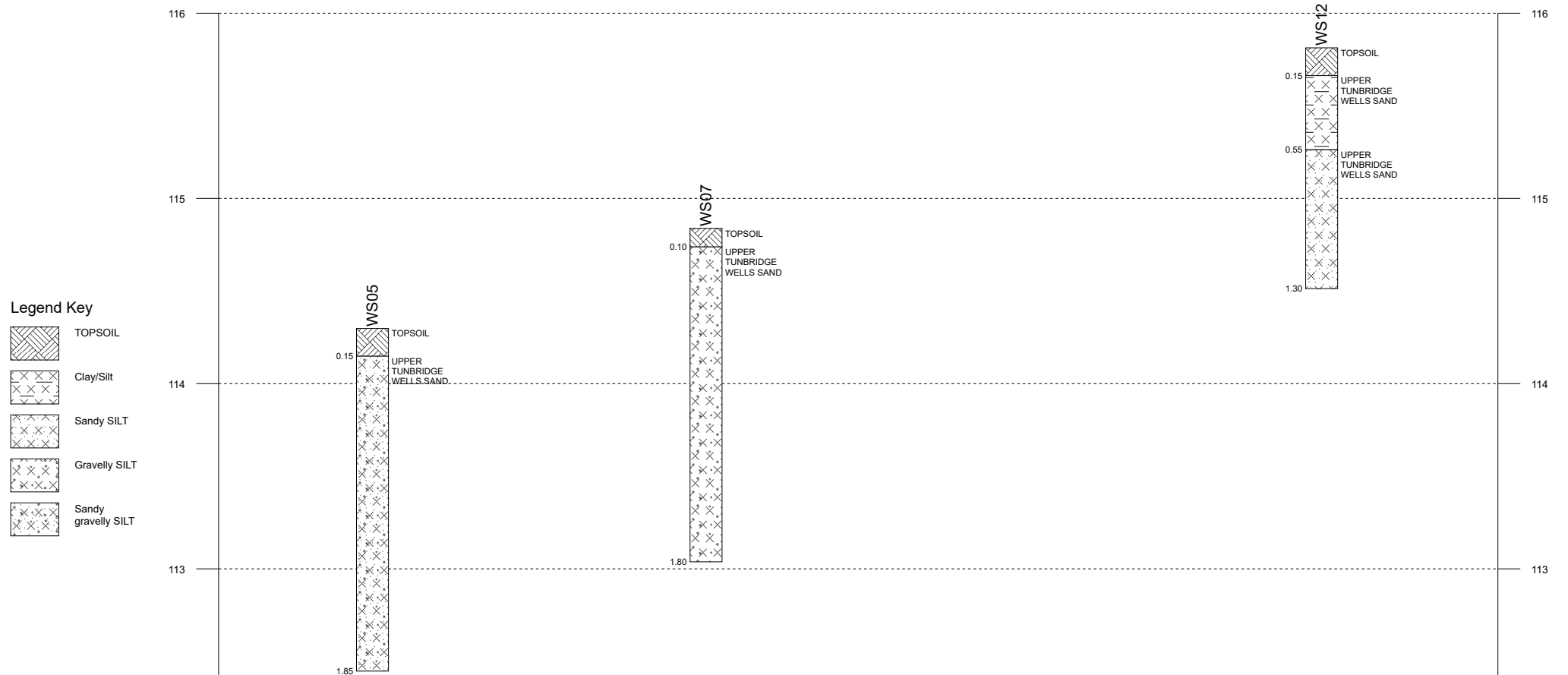
Chainage (m)	0.00	3.90	49.52	51.92
Offset (m)		0.27	0.06	
Elevation (mAOD)		112.50	114.20	








Legend Key

-  TOPSOIL
-  Clay/Silt
-  Gravelly SILT
-  Silty CLAY
-  MADE GROUND

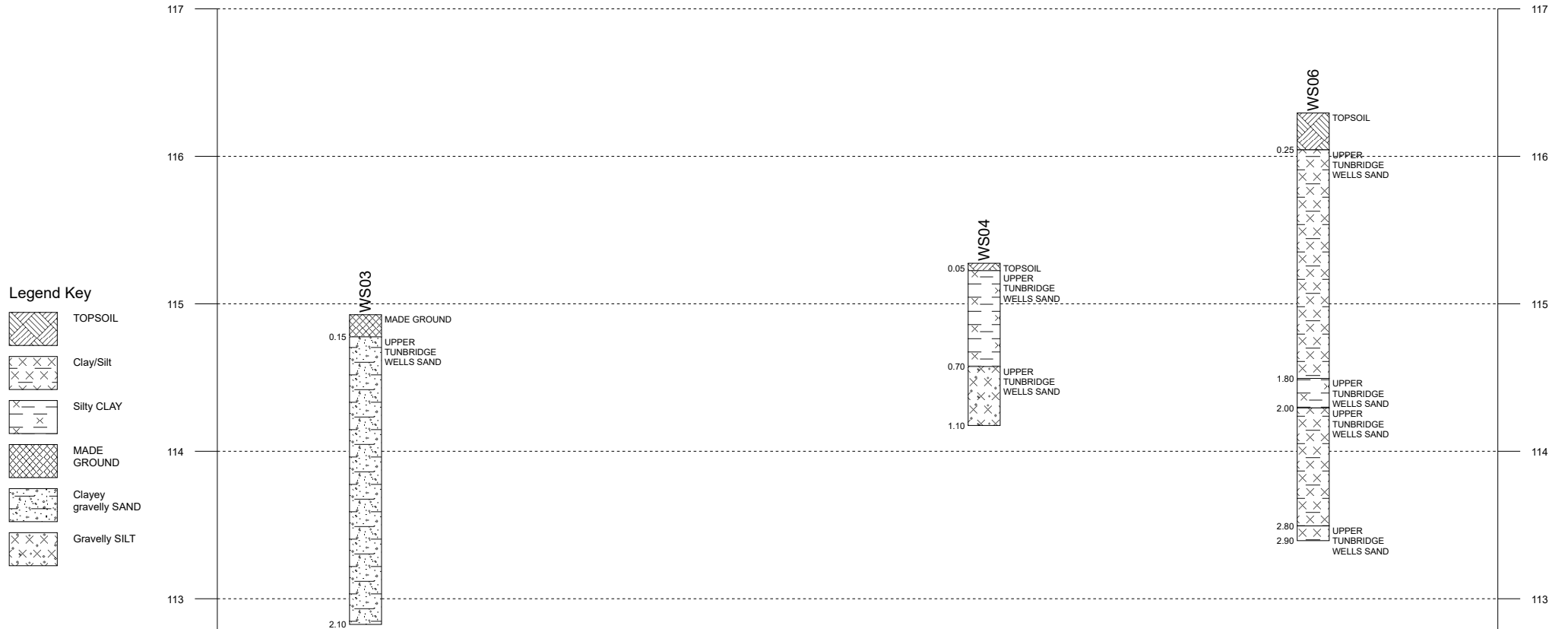
Chainage (m)	0.00	8.89	61.54	90.87	95.75
Offset (m)		0.19	7.68	3.00	
Elevation (mAOD)		115.11	115.28	116.54	



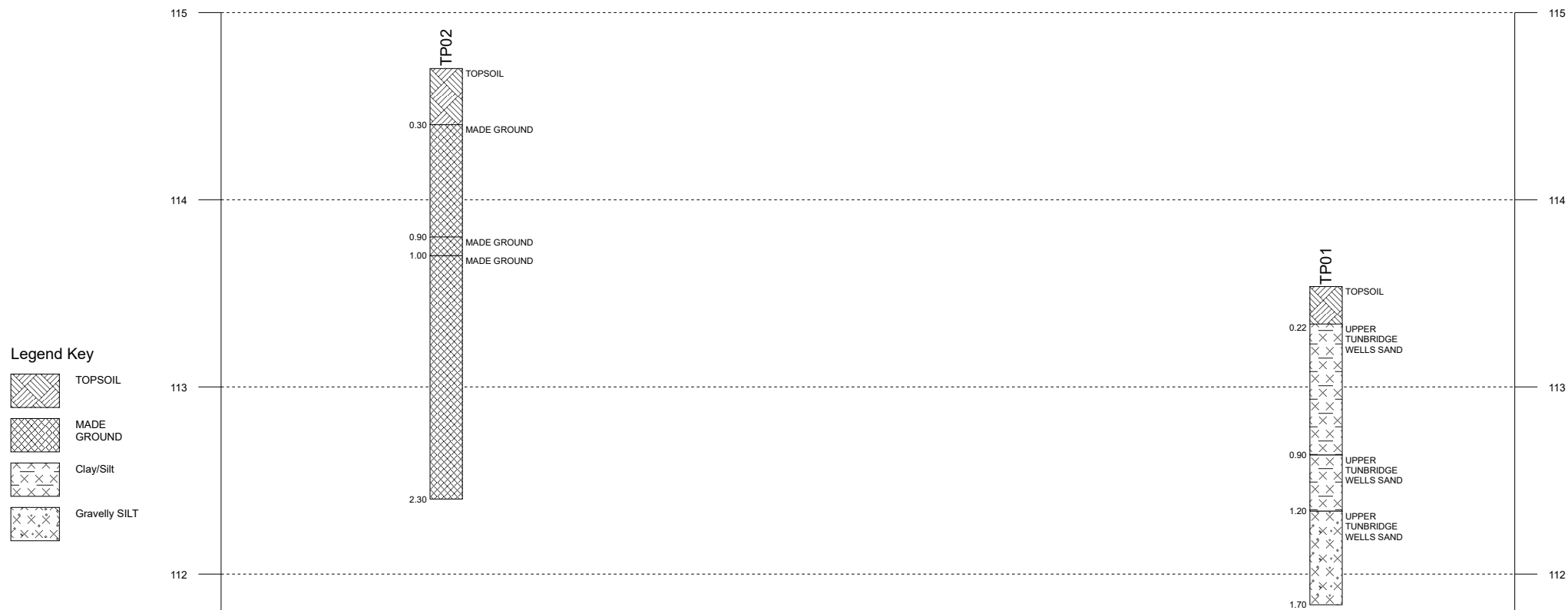
Legend Key

-  TOPSOIL
-  Clay/Silt
-  Sandy SILT
-  Gravelly SILT
-  Sandy gravelly SILT





Chainage (m)	0.00	37.93	105.90	109.34
Offset (m)	0.83	3.48	3.80	
Elevation (mAOD)	114.30	114.84	115.81	



Chainage (m)	8.97	84.95	129.83	135.22
Offset (m)	0.35	4.51	5.93	
Elevation (mAOD)	114.93	115.28	116.29	



Legend Key

-  TOPSOIL
-  MADE GROUND
-  Clay/Silt
-  Gravelly SILT

Chainage (m)	0.00	2.29	27.69	28.72
Offset (m)		3.66	0.43	
Elevation (mAOD)		114.70	113.54	

APPENDIX C

Geotechnical Laboratory Test Results

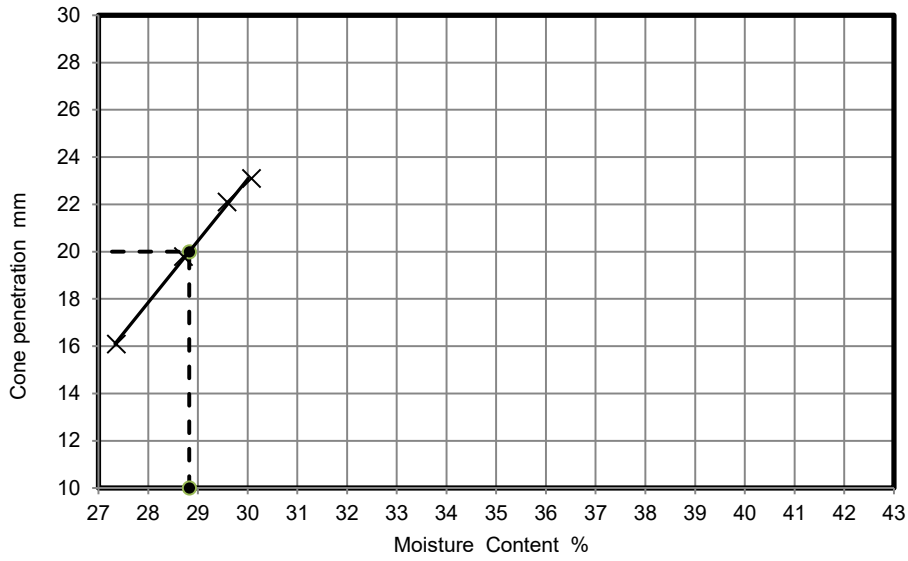




LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	TP01
Sample No.	2
Depth Top	1.00 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	21/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Light brown and brown slightly fine sandy silty CLAY with scattered fm mudstone fragments		

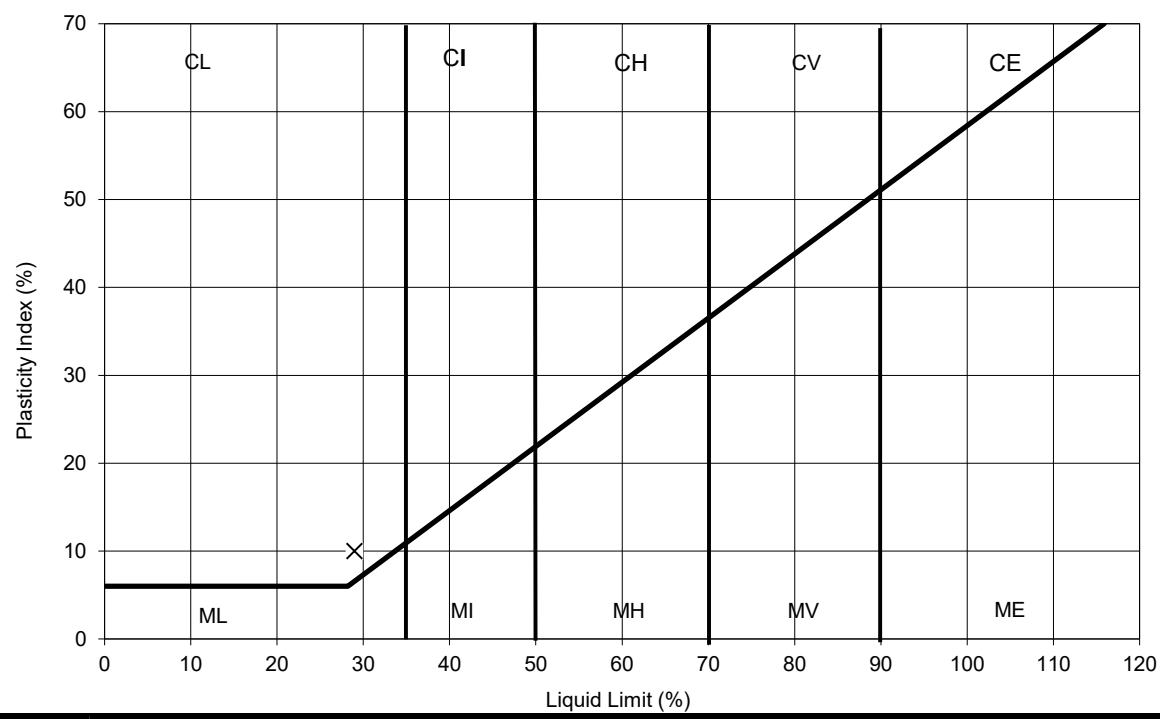


WATER CONTENT	19.2	%
% PASSING 425µm SIEVE	95	%
LIQUID LIMIT	29	%
PLASTIC LIMIT	19	%
PLASTICITY INDEX	10	%

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

Remarks

PLASTICITY INDEX



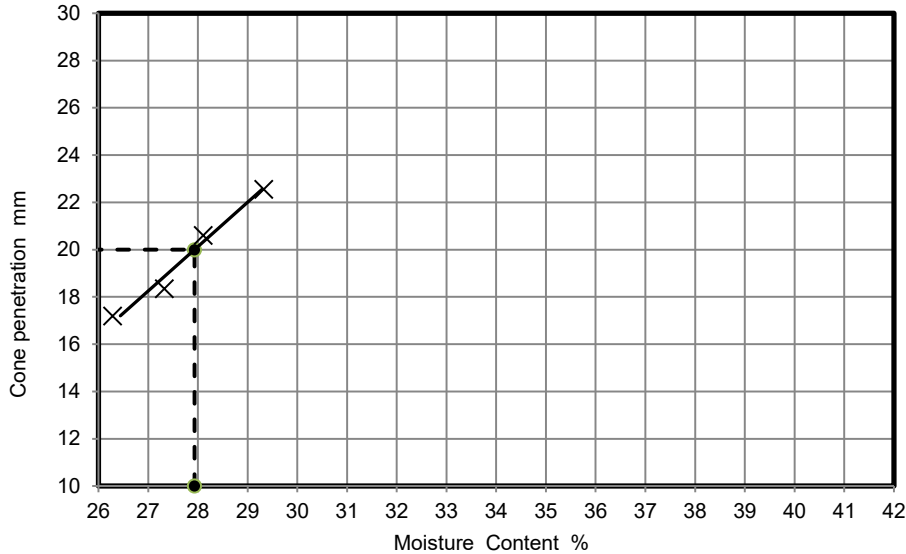
TEST METHODS:
 BS EN ISO 17892 Part 1: 2014 + A1:2022 Water Content
 BS EN ISO 17892 Part 12: 2018 +A2:2022 Liquid and plastic limit
 These results only apply to the items tested. The report shall not be reproduced except in full without authority of the laboratory
 Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU
 Tel: 01923 711 288 Email: James@k4soils.com

Checked and Approved
 Initials: J.P
 Date: 28/08/2025



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

		Job No.	37669	
		Borehole/Pit No.	TP01	
Site Name	Hurst Farm, Crawley Down		Sample No.	3
Project No.	GE23261	Client	GESL	
Soil Description	Orangish brown slightly gravelly sandy silty CLAY (gravel is fm and sub rounded)		Depth Top	1.50 m
			Depth Base	- m
			Sample Type	D
			Samples received	30/07/2025
			Schedules received	30/07/2025
			Project Started	31/07/2025
			Date Tested	21/08/2025

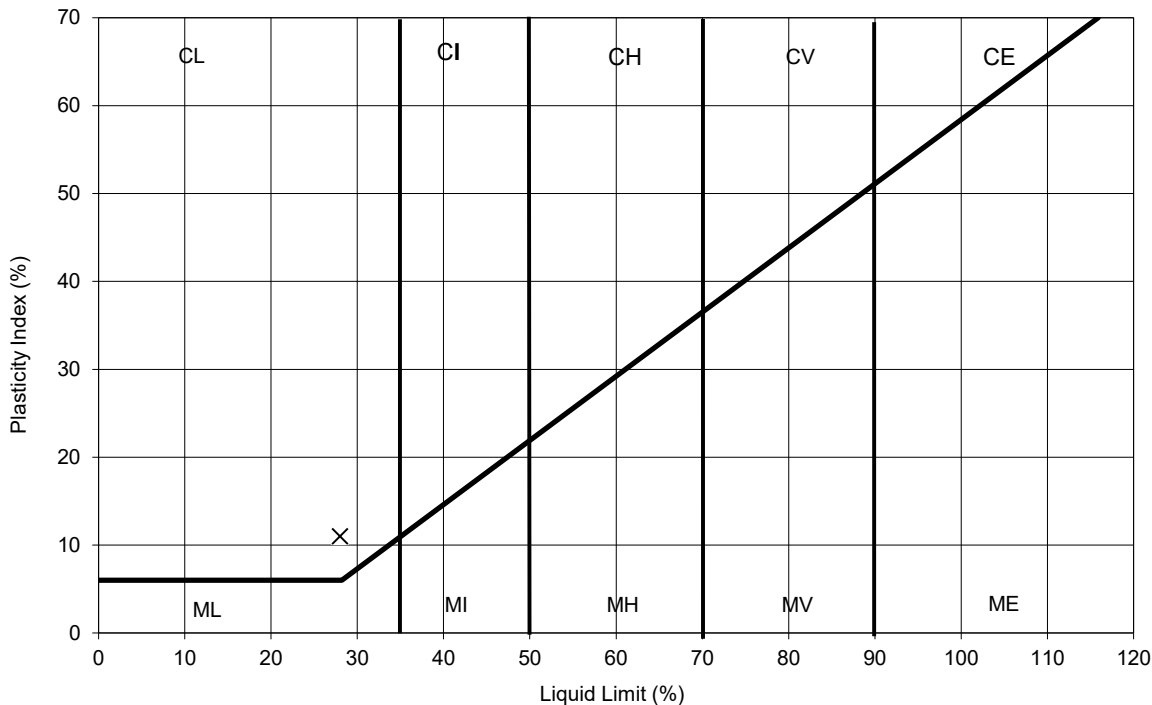


WATER CONTENT	15.5	%
% PASSING 425µm SIEVE	87	%
LIQUID LIMIT	28	%
PLASTIC LIMIT	17	%
PLASTICITY INDEX	11	%

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

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)

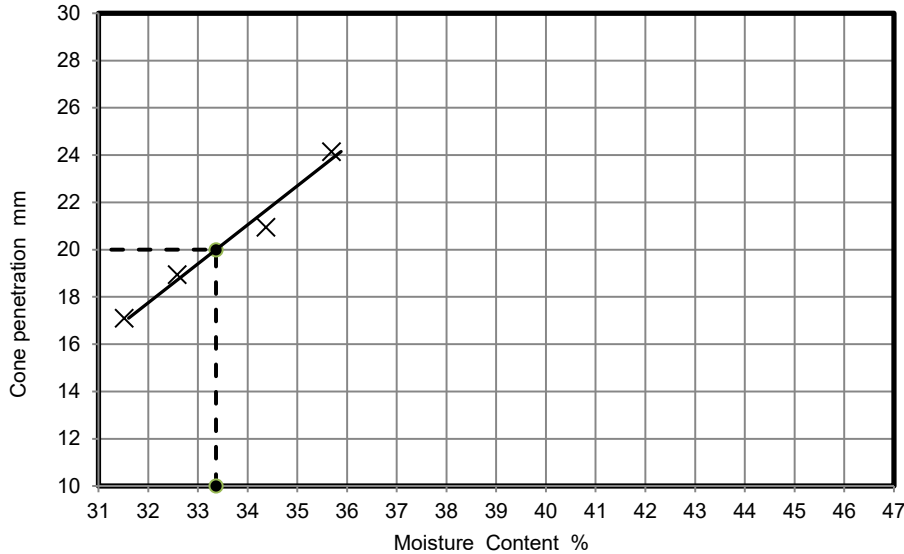
Checked and Approved

Initials: J.P
 Date: 28/08/2025



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

		Job No.	37669	
		Borehole/Pit No.	TP03	
Site Name	Hurst Farm, Crawley Down		Sample No.	1
Project No.	GE23261	Client	GESL	
Soil Description	Light brown and brown slightly fine sandy silty CLAY with scattered fm mudstone fragments		Depth Top	0.50 m
			Depth Base	- m
			Sample Type	D
			Samples received	30/07/2025
			Schedules received	30/07/2025
			Project Started	31/07/2025
			Date Tested	21/08/2025

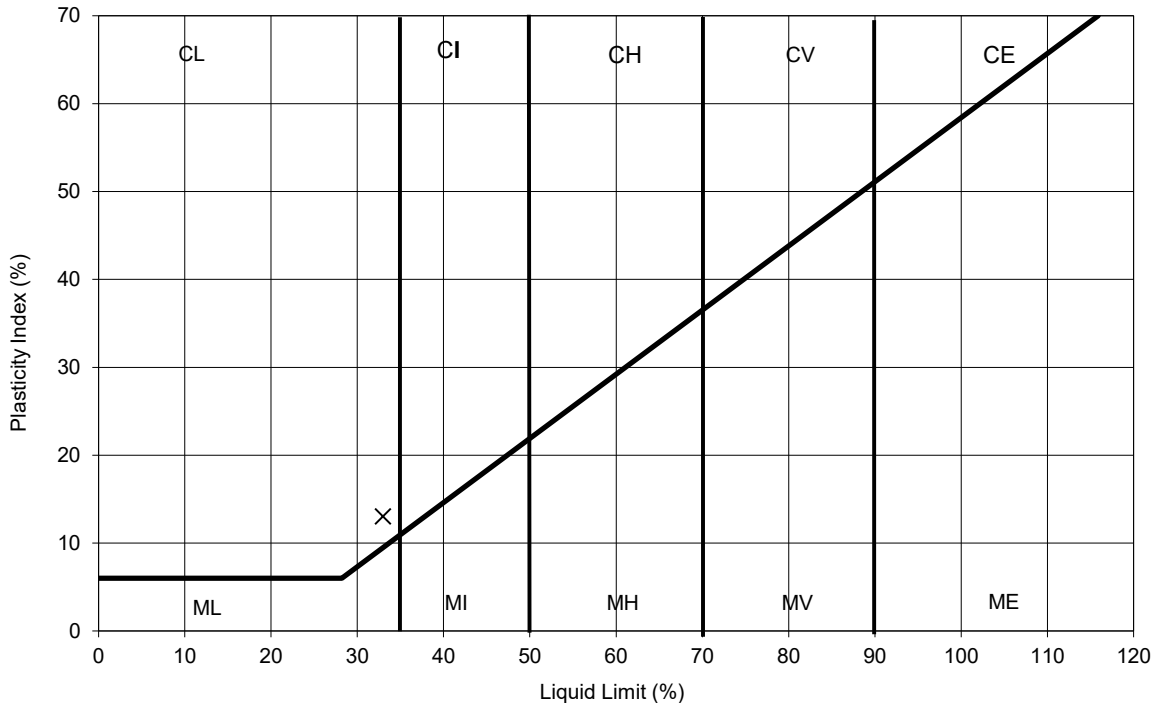


WATER CONTENT	17.7	%
% PASSING 425µm SIEVE	96	%
LIQUID LIMIT	33	%
PLASTIC LIMIT	20	%
PLASTICITY INDEX	13	%

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: 28/08/2025

MSF-5 R2



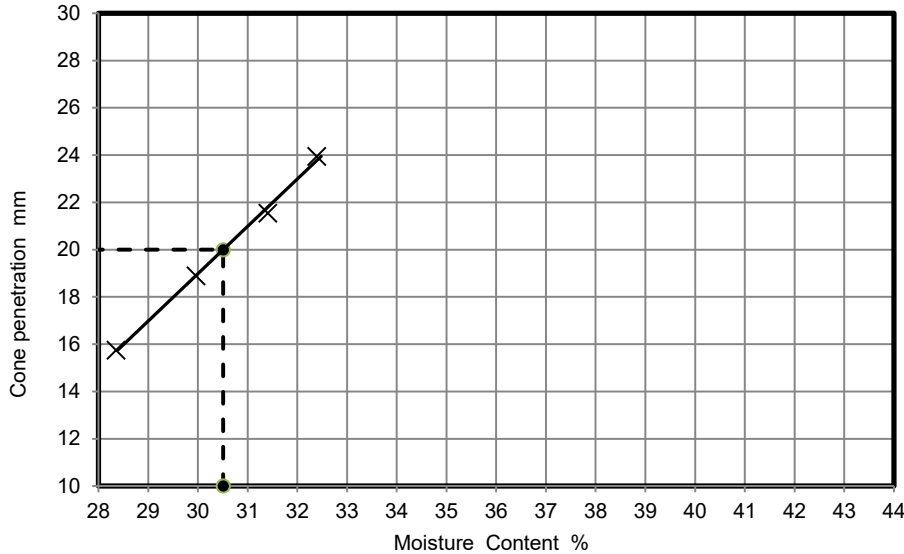
2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	TP04
Sample No.	2
Depth Top	1.00 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	21/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Light grey and brown slightly gravelly sandy silty CLAY (gravel is fmc and sub-rounded)		

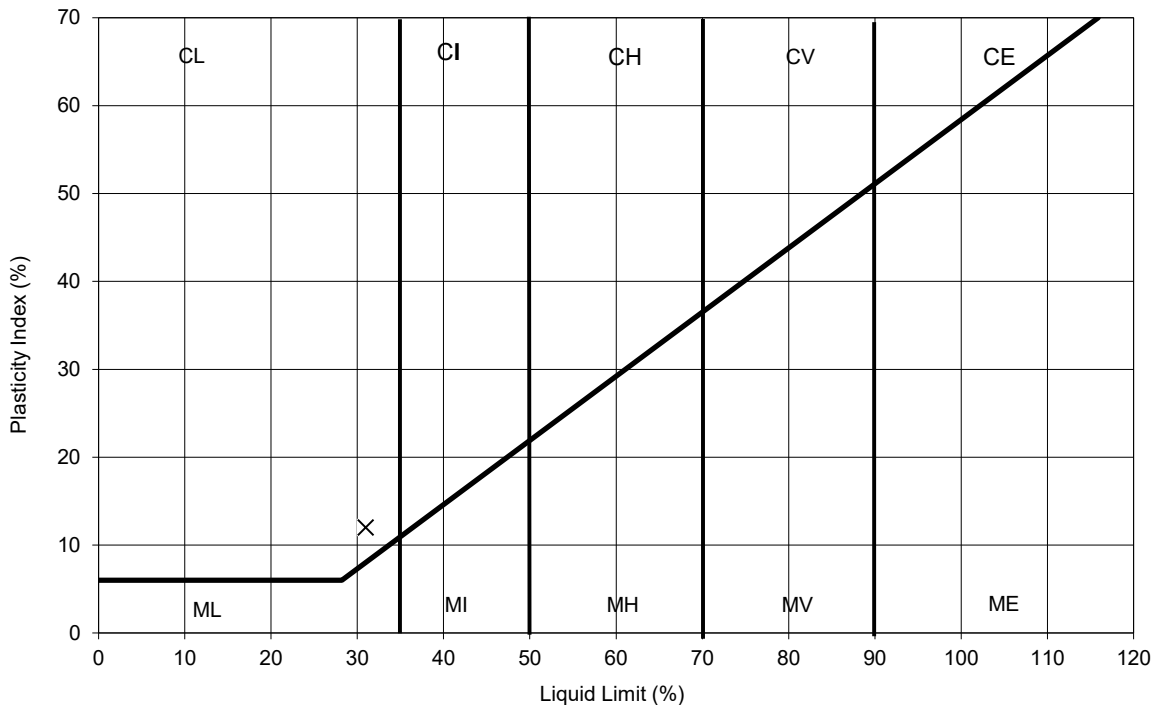


WATER CONTENT	11.6	%
% PASSING 425µm SIEVE	88	%
LIQUID LIMIT	31	%
PLASTIC LIMIT	19	%
PLASTICITY INDEX	12	%

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: 28/08/2025



2519

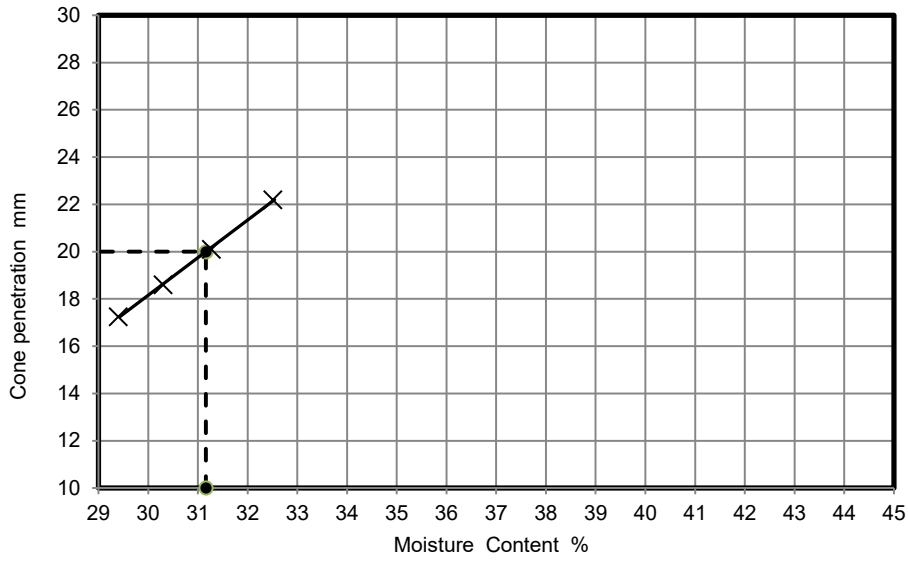
MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS01
Sample No.	1
Depth Top	1.00 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	22/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Brown slightly mottled bluish grey slightly sandy very silty CLAY with occasional fmc siltstone fragments		

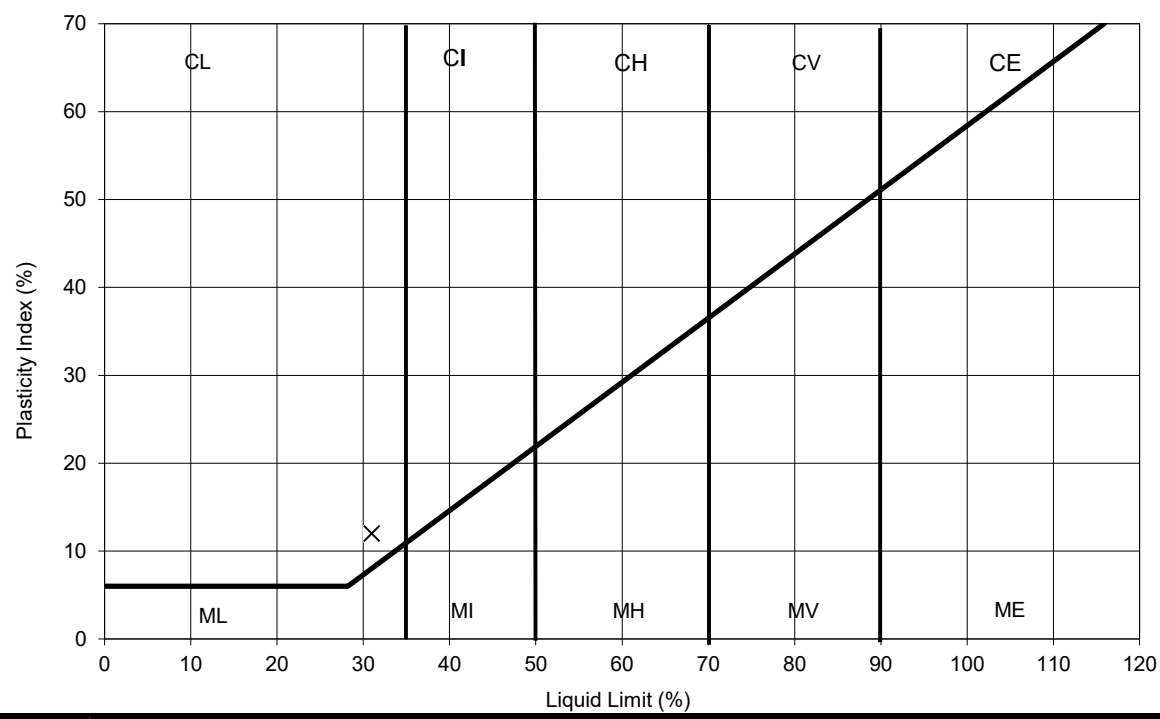


WATER CONTENT	13.1	%
% PASSING 425µm SIEVE	81	%
LIQUID LIMIT	31	%
PLASTIC LIMIT	19	%
PLASTICITY INDEX	12	%

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

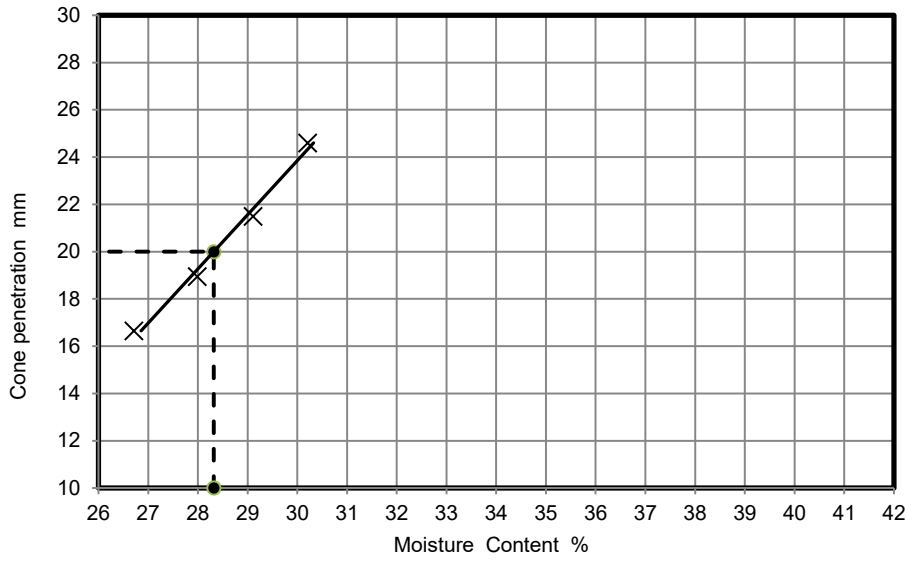
Checked and Approved
 Initials: J.P
 Date: 28/08/2025



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS02
Sample No.	3
Depth Top	1.50 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	21/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Brown, orangish brown and bluish grey slightly sandy silty CLAY with scattered gravel size mudstone fragments		

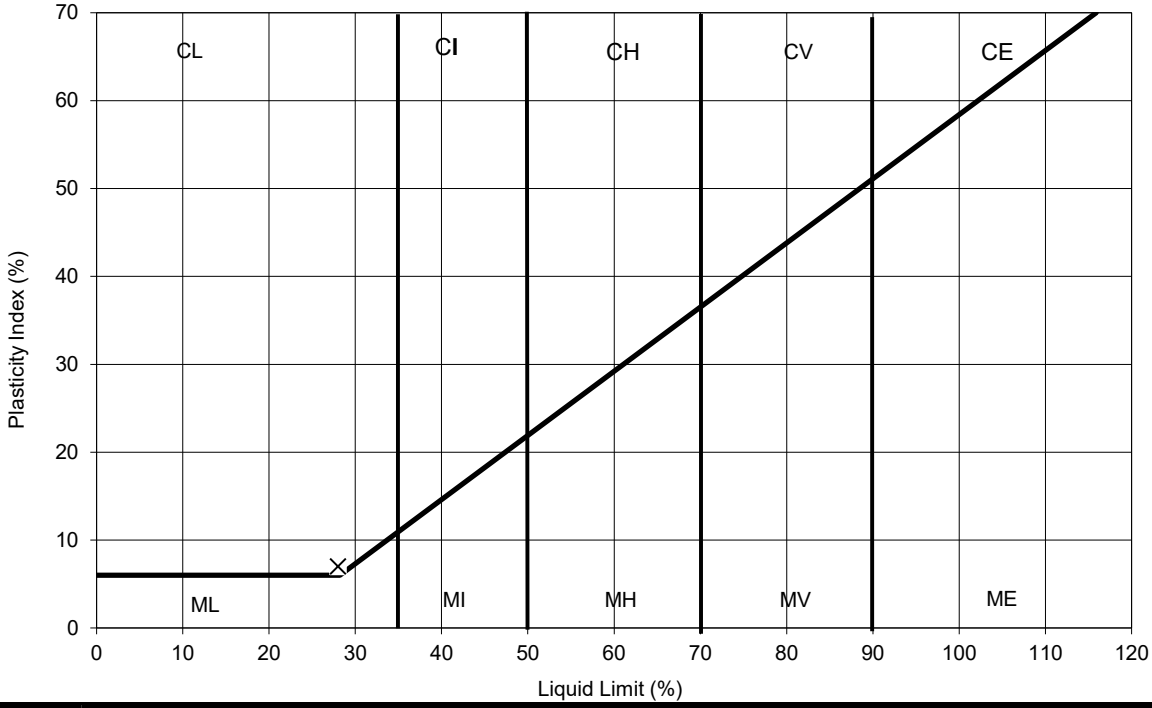


WATER CONTENT	21.5	%
% PASSING 425µm SIEVE	97	%
LIQUID LIMIT	28	%
PLASTIC LIMIT	21	%
PLASTICITY INDEX	7	%

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

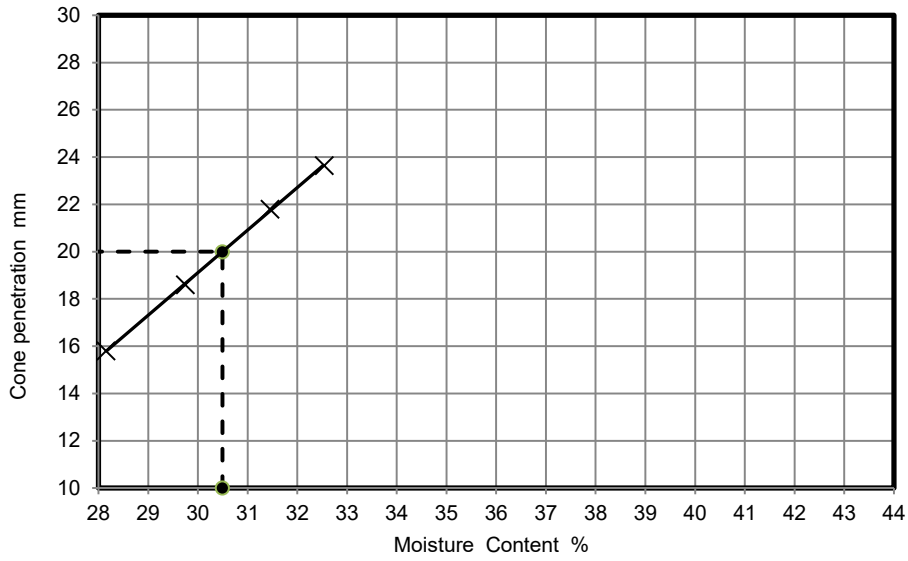
Initials: J.P
 Date: 28/08/2025



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS02
Sample No.	4
Depth Top	2.00 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	21/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Brown, orangish brown and bluish grey slightly sandy silty CLAY with scattered gravel size mudstone fragments		

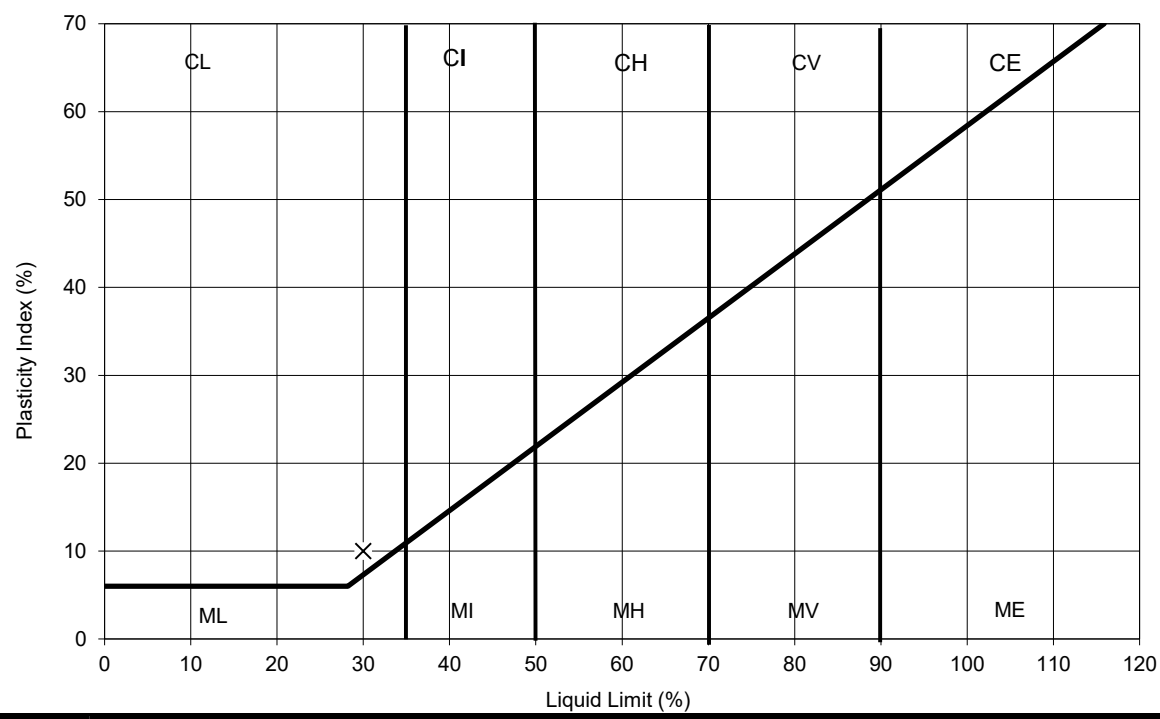


WATER CONTENT	17.2	%
% PASSING 425µm SIEVE	95	%
LIQUID LIMIT	30	%
PLASTIC LIMIT	20	%
PLASTICITY INDEX	10	%

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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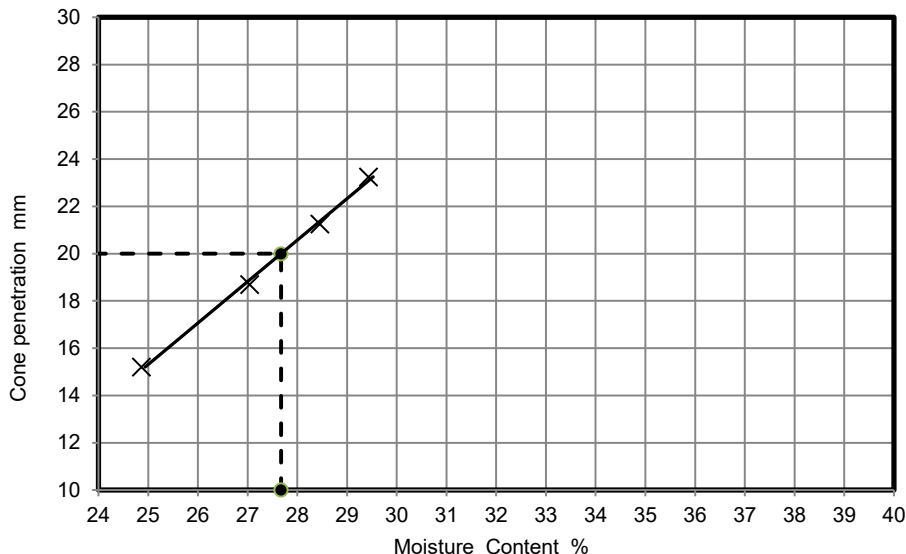
Initials: J.P
 Date: 28/08/2025



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS03
Sample No.	3
Depth Top	1.50 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	22/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Orangish brown slightly mottled bluish grey sandy clayey SILT/silty CLAY with occasional mudstone fragments		

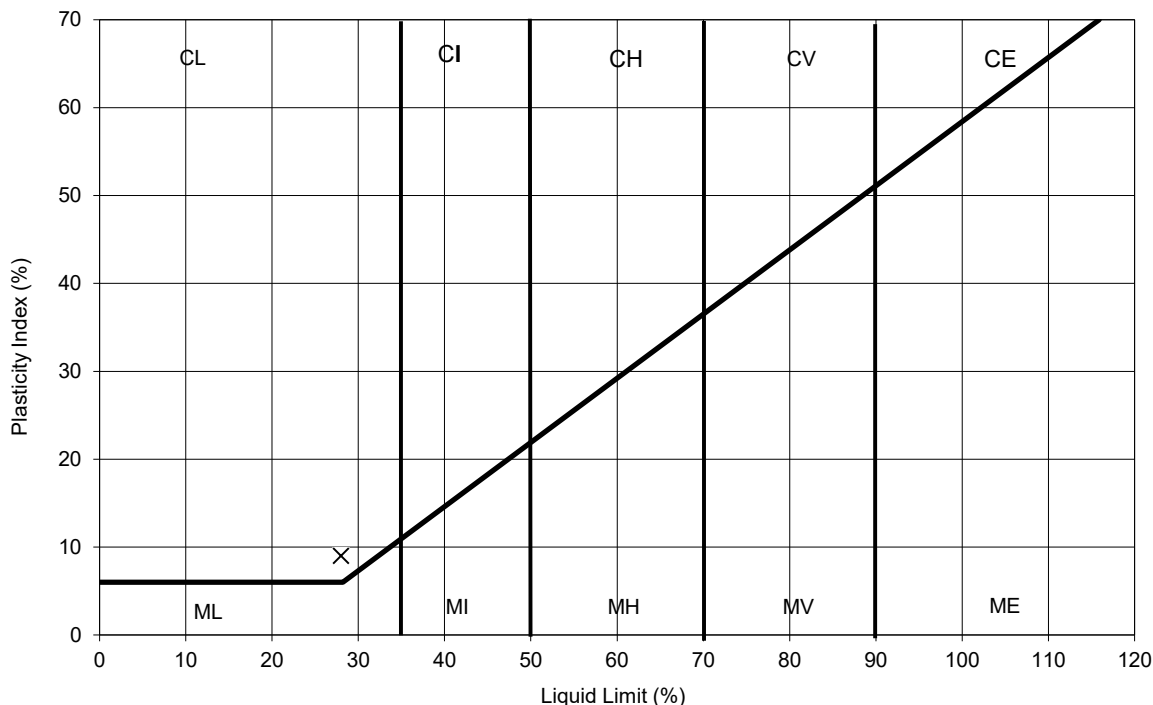


WATER CONTENT	13.4	%
% PASSING 425µm SIEVE	97	%
LIQUID LIMIT	28	%
PLASTIC LIMIT	19	%
PLASTICITY INDEX	9	%

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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Initials: J.P

Date: 28/08/2025

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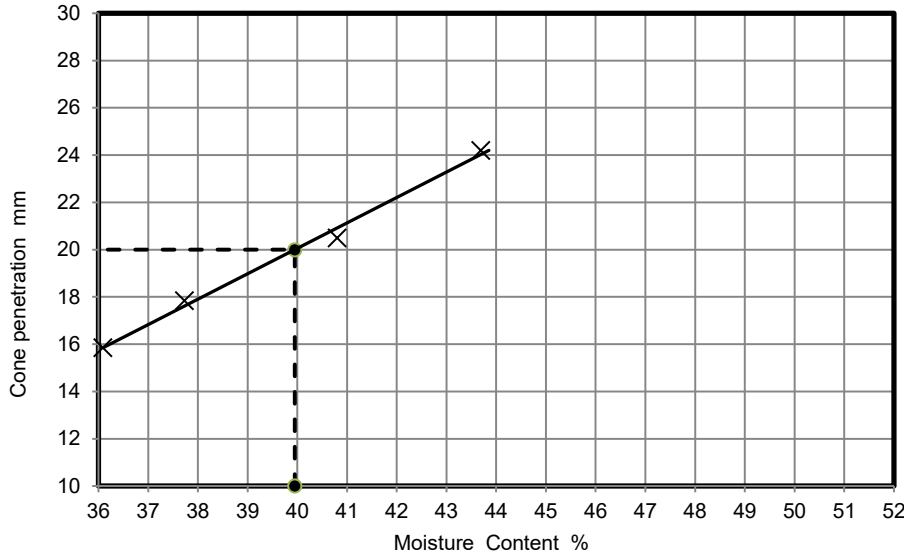
2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS03
Sample No.	4
Depth Top	2.00 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	22/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Brown slightly mottled bluish grey slightly sandy very silty CLAY		

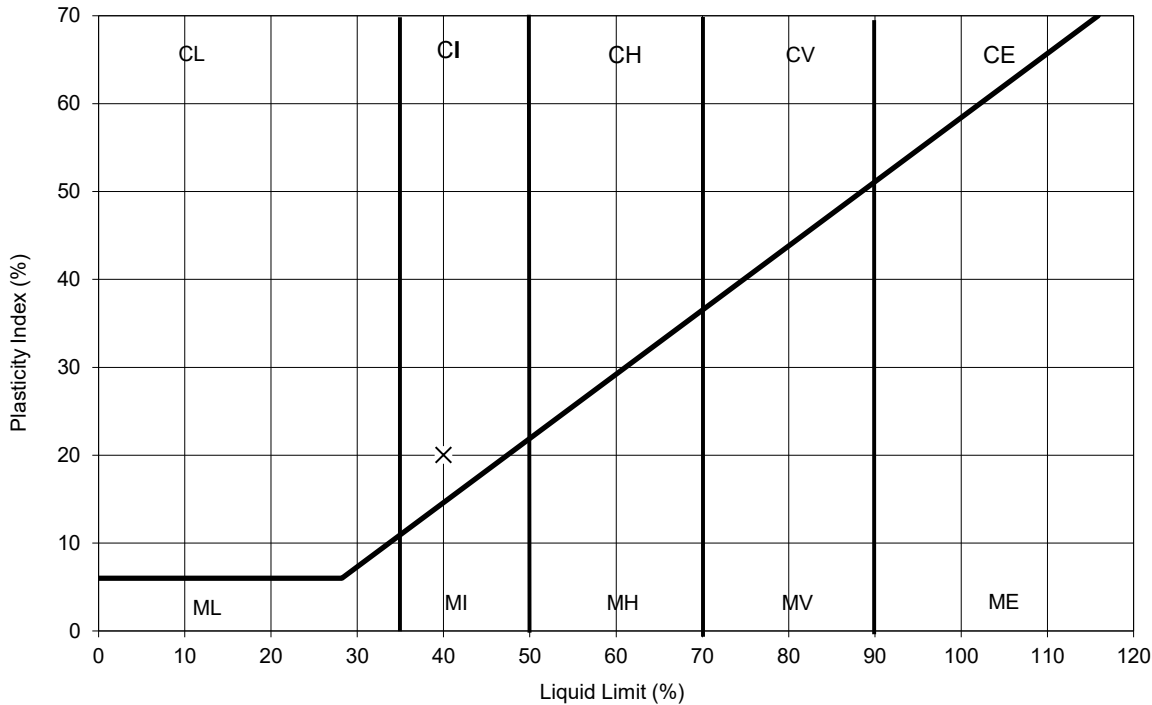


WATER CONTENT	17.2	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	40	%
PLASTIC LIMIT	20	%
PLASTICITY INDEX	20	%

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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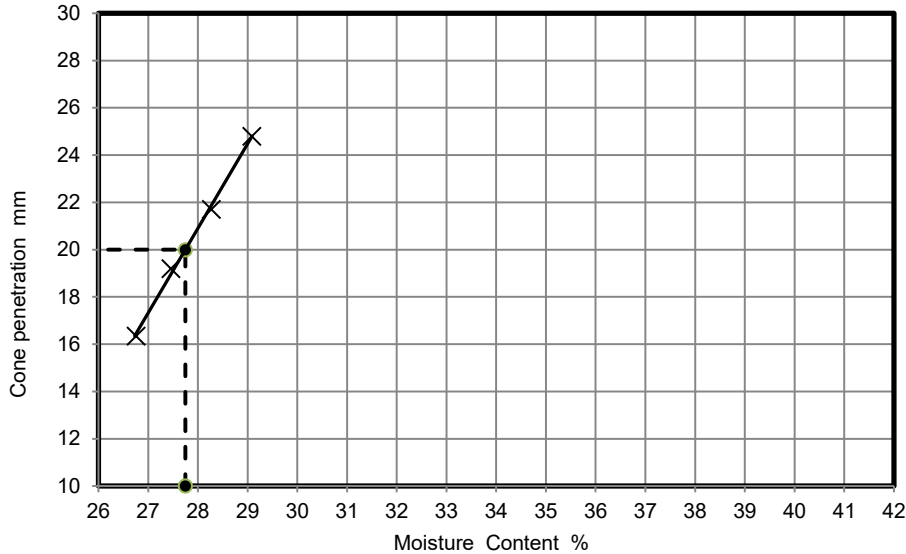


2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

		Job No.	37669	
		Borehole/Pit No.	WS04	
Site Name	Hurst Farm, Crawley Down		Sample No.	1
Project No.	GE23261	Client	GESL	
Soil Description	Light brown gravelly sandy clayey SILT/silty CLAY (gravel is fmc and sub-angular to sub-rounded)		Depth Top	1.00 m
			Depth Base	- m
			Sample Type	D
			Samples received	30/07/2025
			Schedules received	30/07/2025
			Project Started	31/07/2025
			Date Tested	21/08/2025

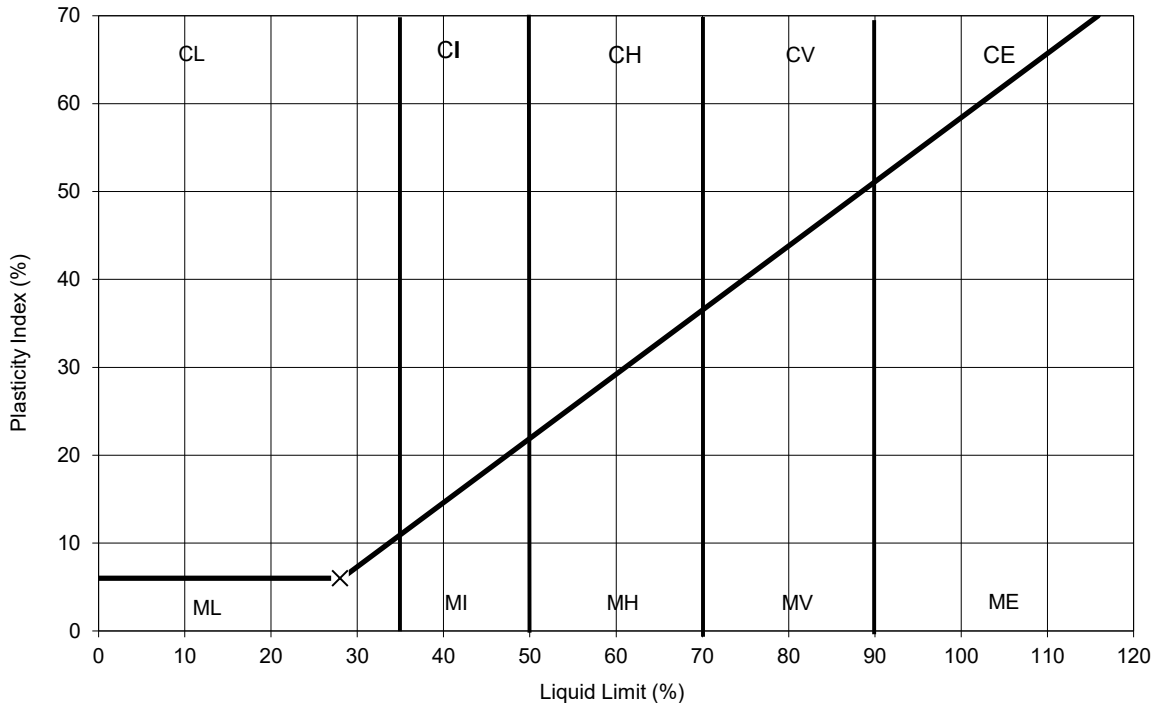


WATER CONTENT	12.0	%
% PASSING 425µm SIEVE	61	%
LIQUID LIMIT	28	%
PLASTIC LIMIT	22	%
PLASTICITY INDEX	6	%

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

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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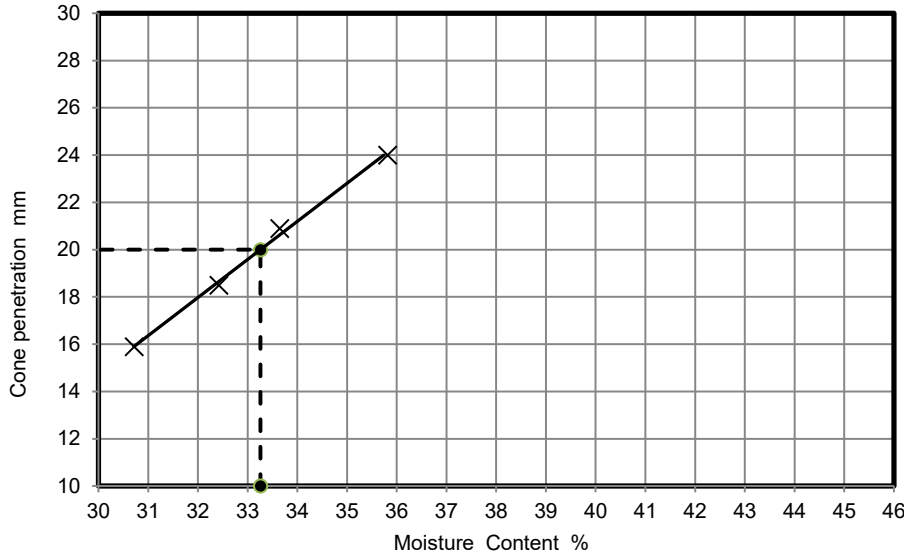
Initials: J.P
 Date: 28/08/2025



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS05
Sample No.	2
Depth Top	1.00 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	22/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Brown slightly gravelly sandy silty CLAY with occasional gravel size mudstone fragments (gravel is fm and sub-rounded)		

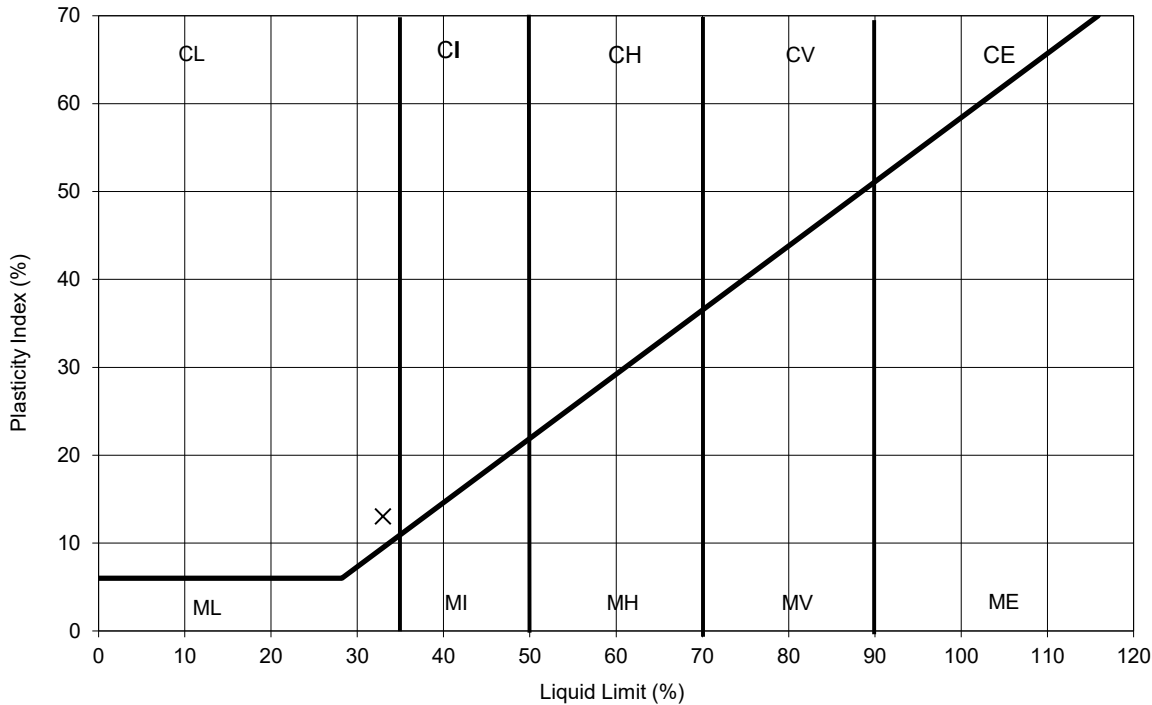


WATER CONTENT	10.8	%
% PASSING 425µm SIEVE	95	%
LIQUID LIMIT	33	%
PLASTIC LIMIT	20	%
PLASTICITY INDEX	13	%

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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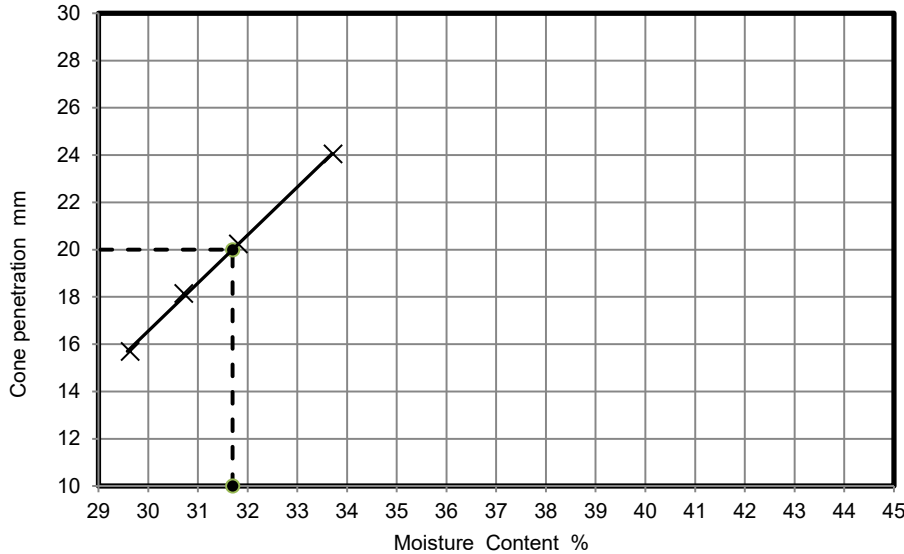
2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS05
Sample No.	3
Depth Top	1.50 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	22/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Light brown sandy silty CLAY with occasional mudstone fragments		

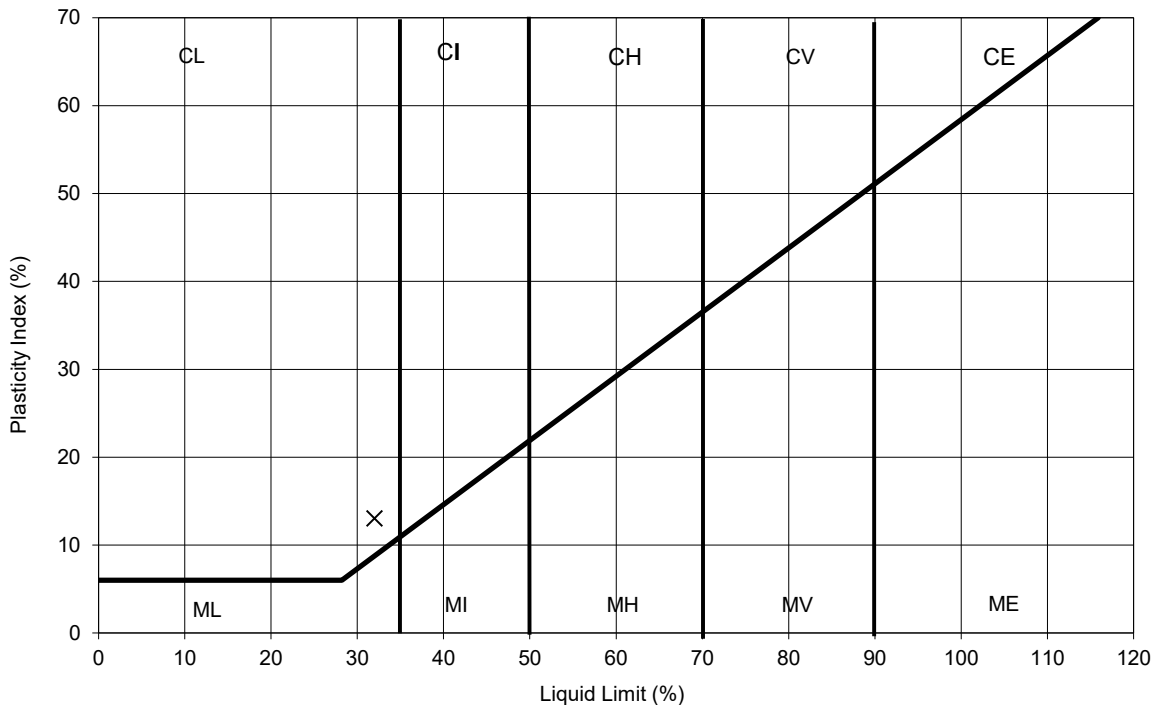


WATER CONTENT	12.4	%
% PASSING 425µm SIEVE	96	%
LIQUID LIMIT	32	%
PLASTIC LIMIT	19	%
PLASTICITY INDEX	13	%

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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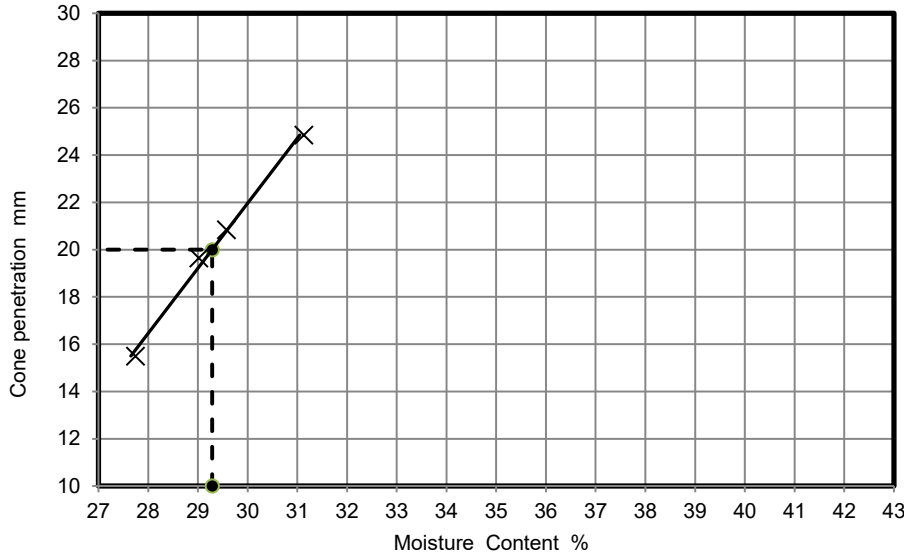
MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS06
Sample No.	2
Depth Top	1.00 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	22/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Light brown sandy silty CLAY/clayey SILT with rare fm mudstone fragments		

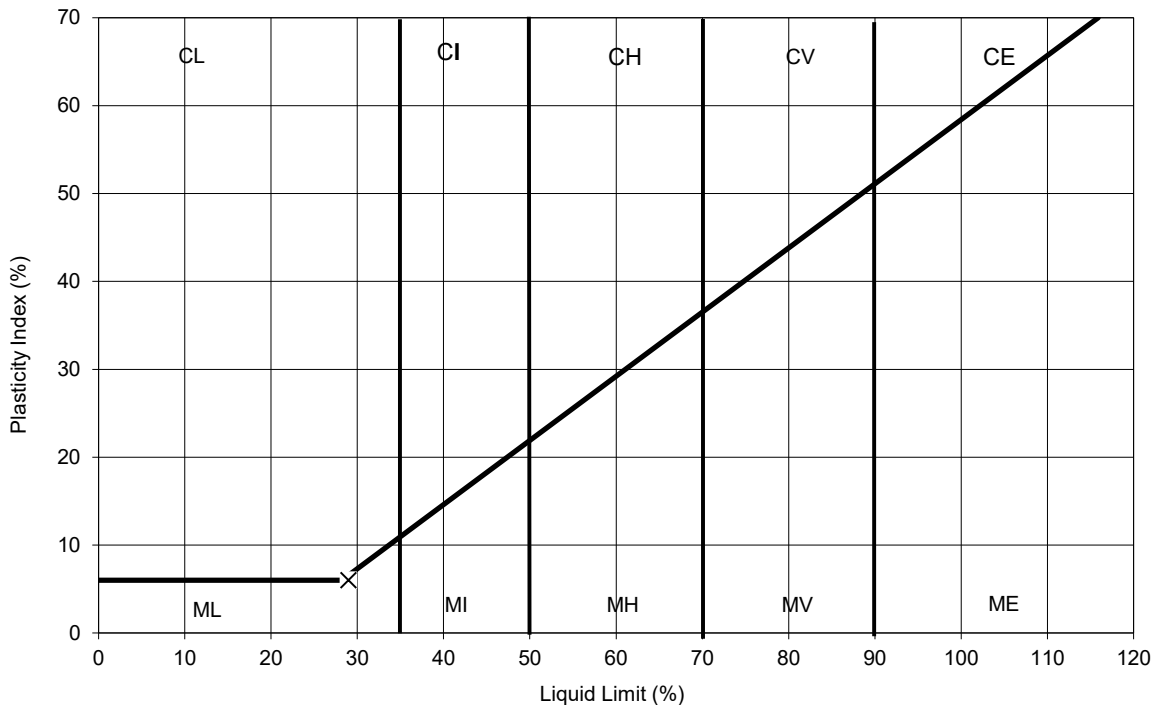


WATER CONTENT	15.7	%
% PASSING 425µm SIEVE	99	%
LIQUID LIMIT	29	%
PLASTIC LIMIT	23	%
PLASTICITY INDEX	6	%

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

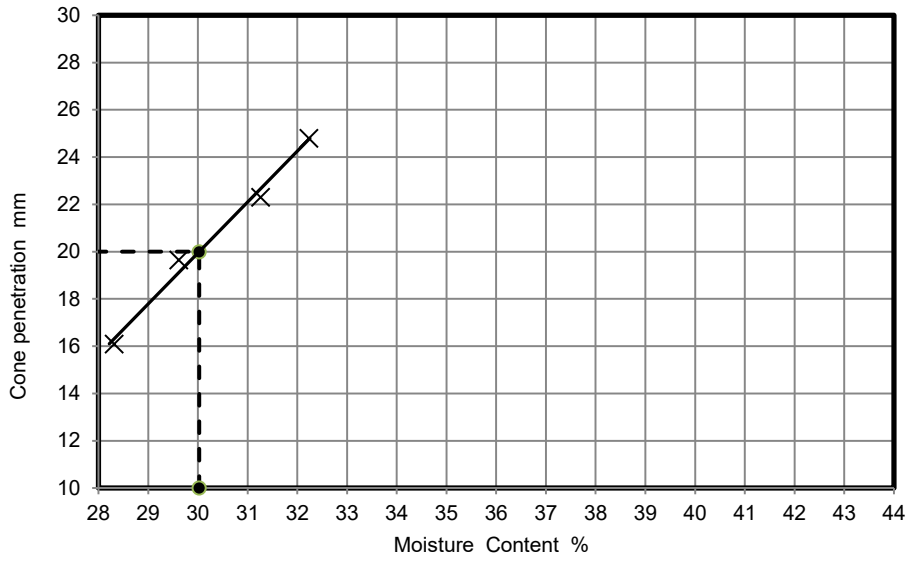
MSF-5 R2



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS06
Sample No.	4
Depth Top	2.00 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	22/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Light greyish brown slightly mottled bluish grey slightly sandy silty CLAY		

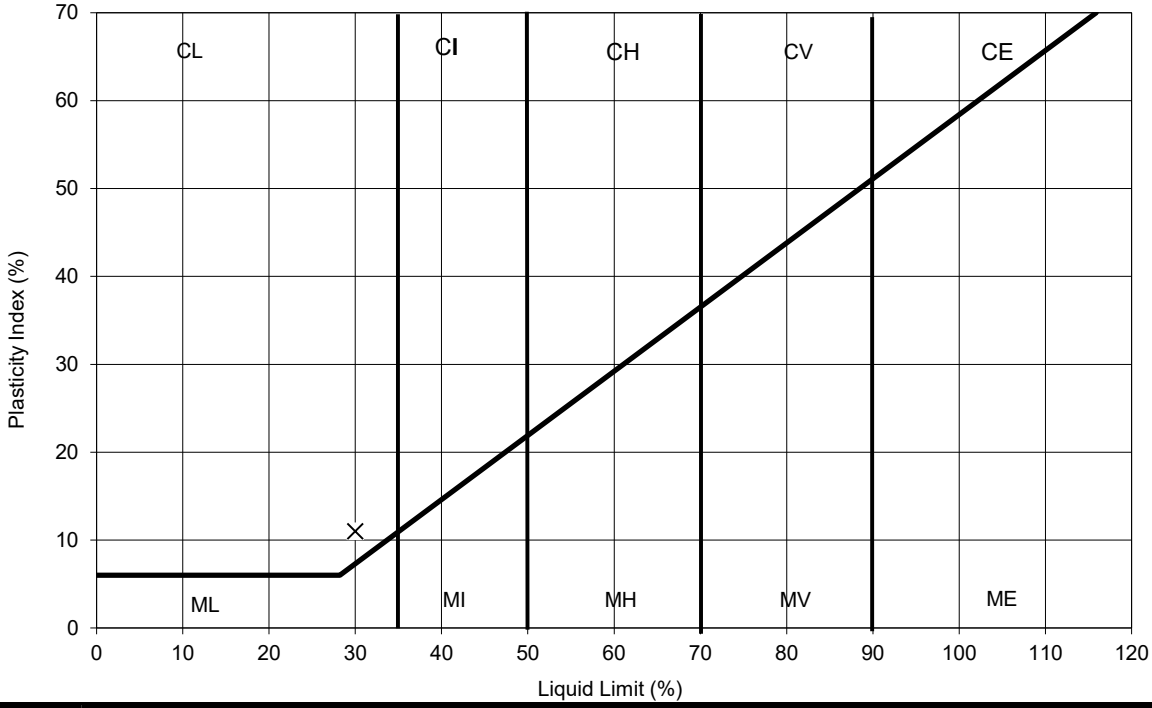


WATER CONTENT	11.9	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	30	%
PLASTIC LIMIT	19	%
PLASTICITY INDEX	11	%

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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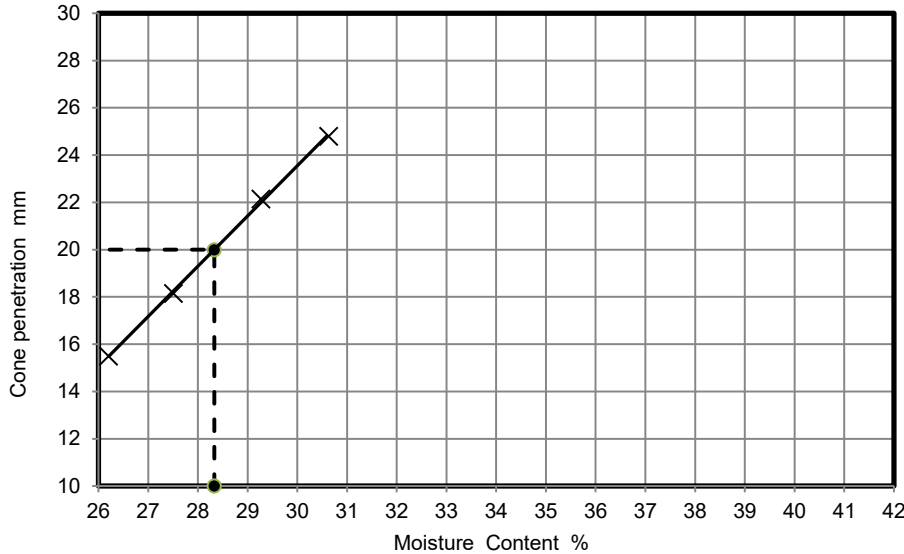
Checked and Approved
 Initials: J.P
 Date: 28/08/2025



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS06
Sample No.	5
Depth Top	2.50 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	22/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Light greyish brown slightly mottled bluish grey slightly sandy silty CLAY		

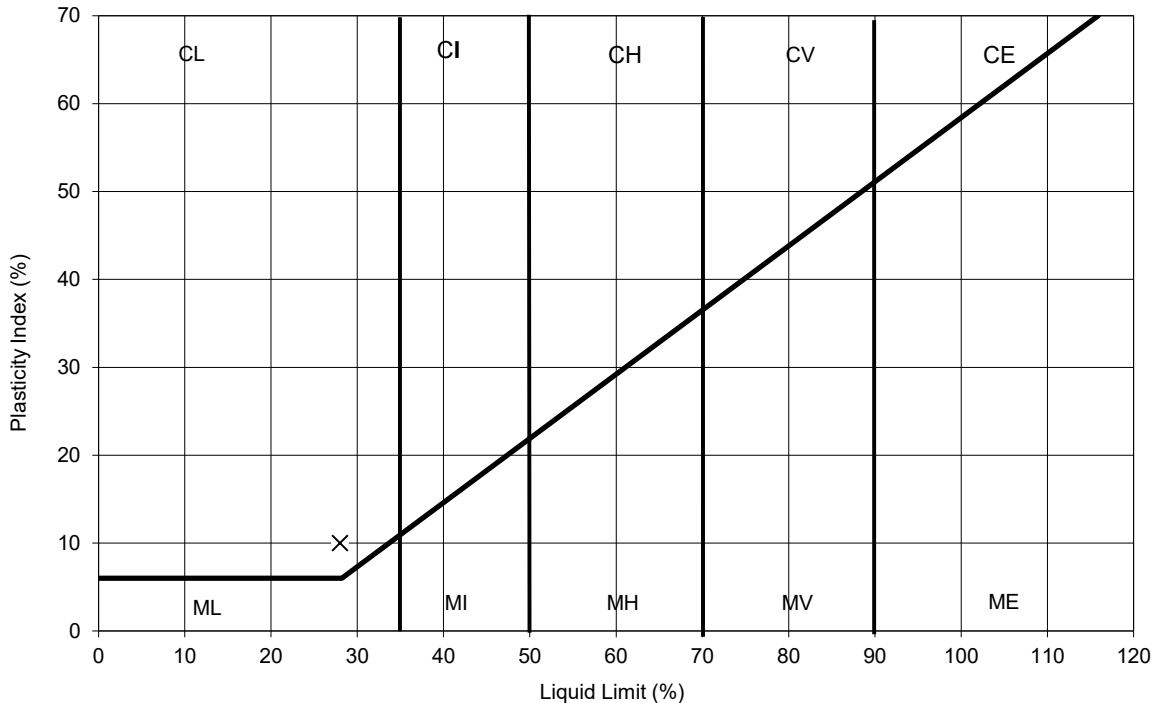


WATER CONTENT	9.2	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	28	%
PLASTIC LIMIT	18	%
PLASTICITY INDEX	10	%

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



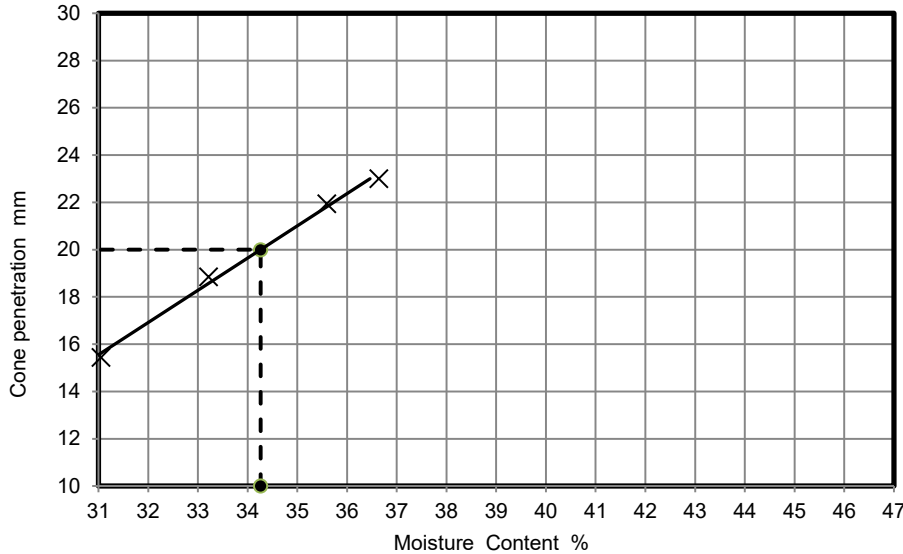
2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS07
Sample No.	3
Depth Top	1.50 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	22/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Light brown slightly mottled bluish grey sandy silty CLAY		

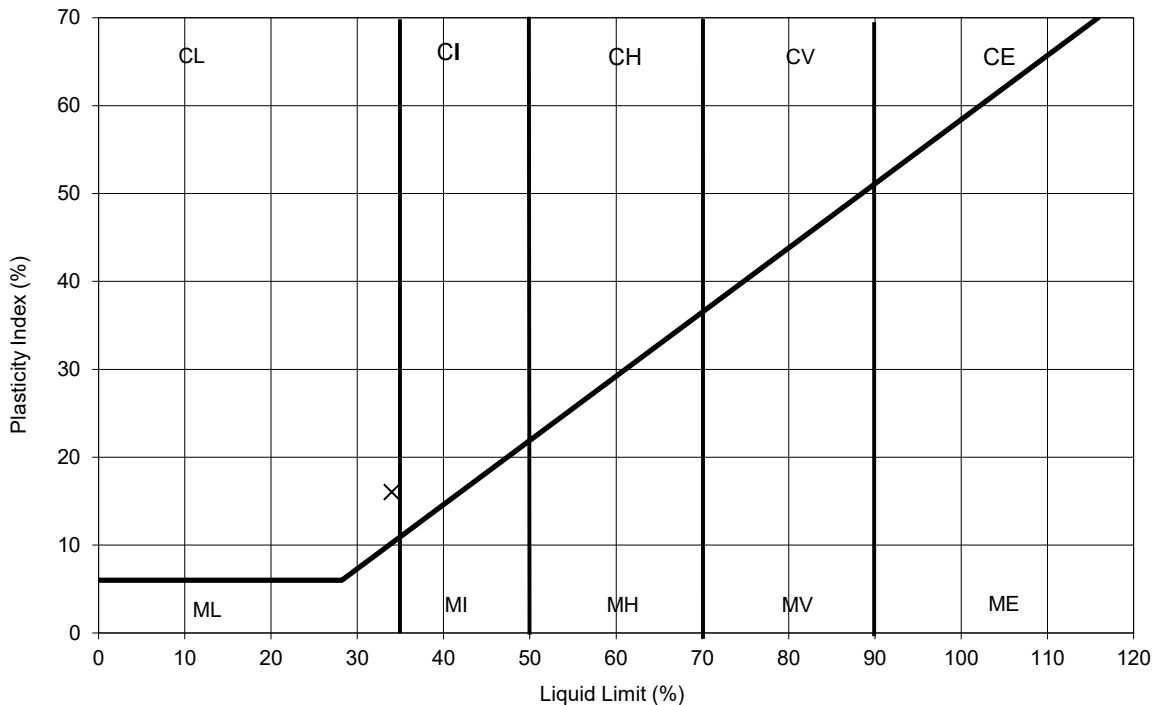


WATER CONTENT	14.2	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	34	%
PLASTIC LIMIT	18	%
PLASTICITY INDEX	16	%

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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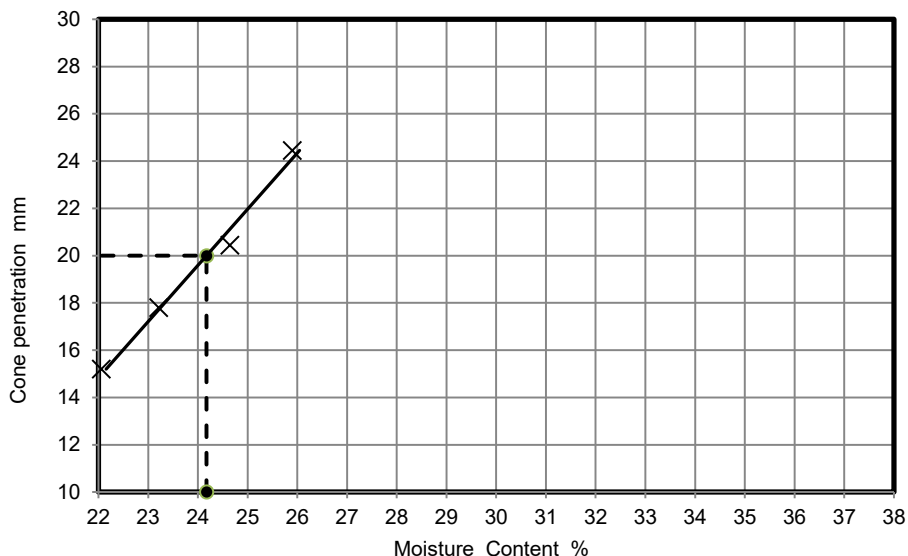
Initials: J.P
 Date: 28/08/2025



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS08
Sample No.	2
Depth Top	1.00 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	21/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Orangish brown slightly gravelly sandy silty CLAY/clayey SILT (gravel is fm and sub-rounded)		

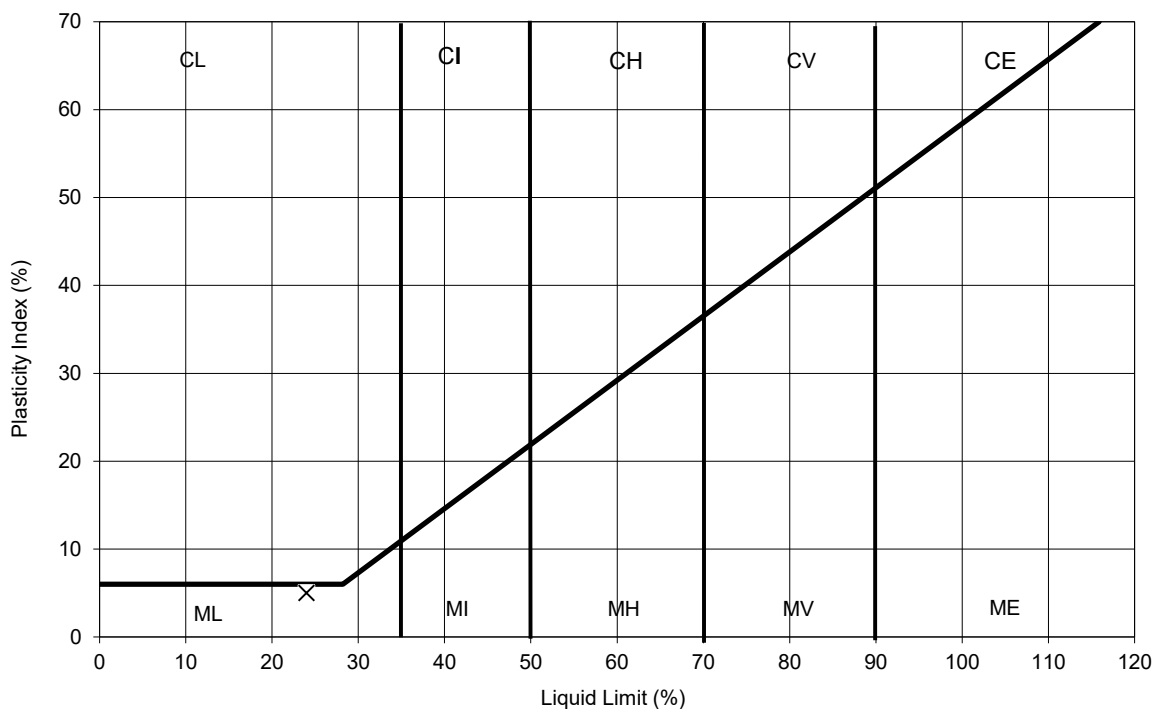


WATER CONTENT	11.3	%
% PASSING 425µm SIEVE	95	%
LIQUID LIMIT	24	%
PLASTIC LIMIT	19	%
PLASTICITY INDEX	5	%

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

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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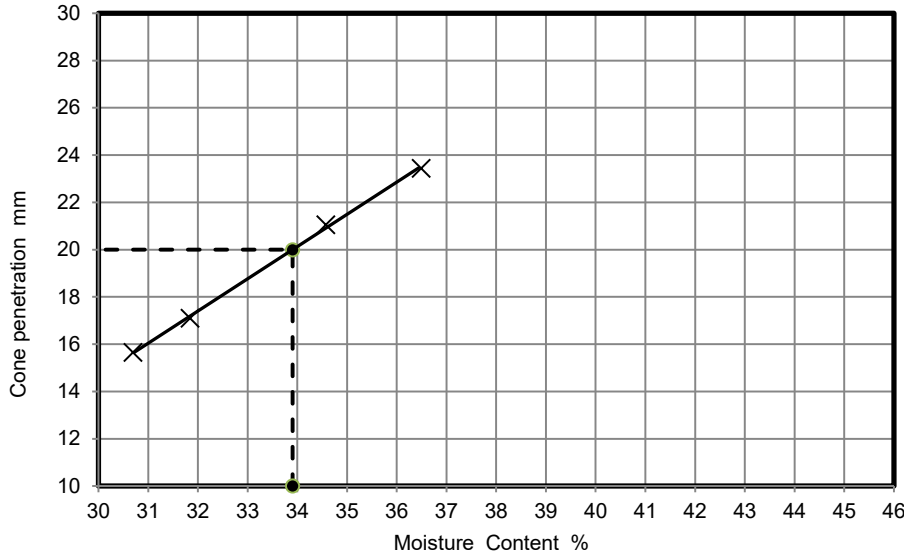
2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS09
Sample No.	2
Depth Top	1.00 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	22/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Light brown slightly mottled bluish grey sandy silty CLAY		

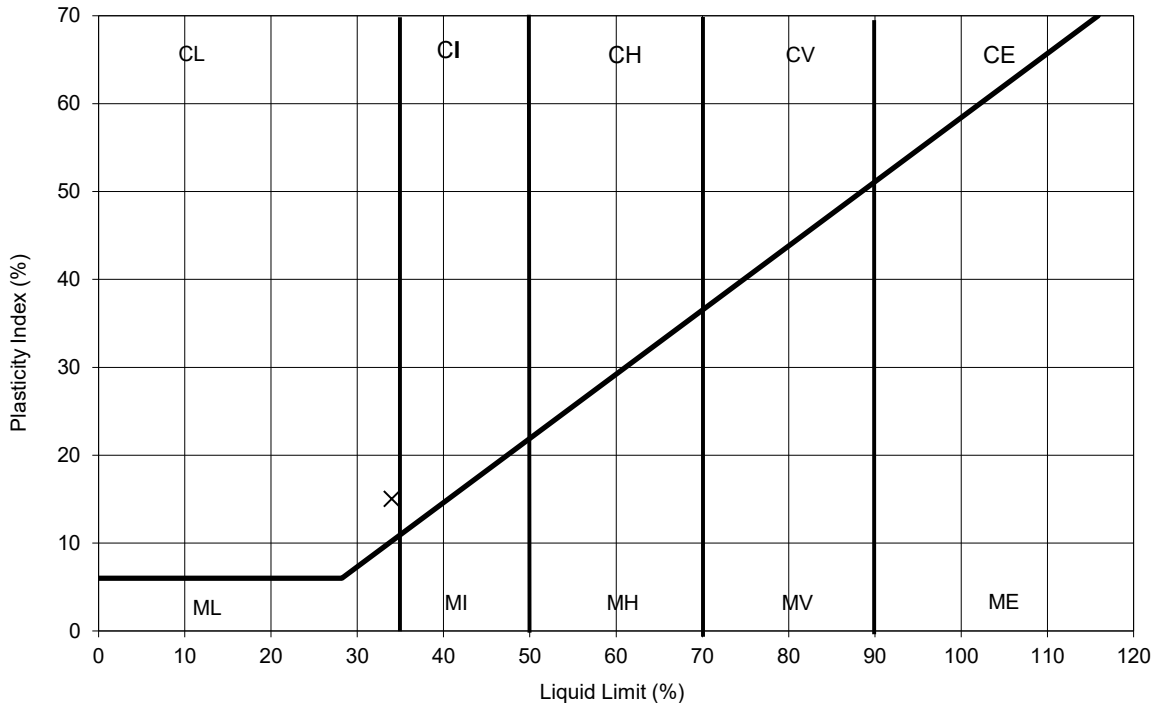


WATER CONTENT	14.9	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	34	%
PLASTIC LIMIT	19	%
PLASTICITY INDEX	15	%

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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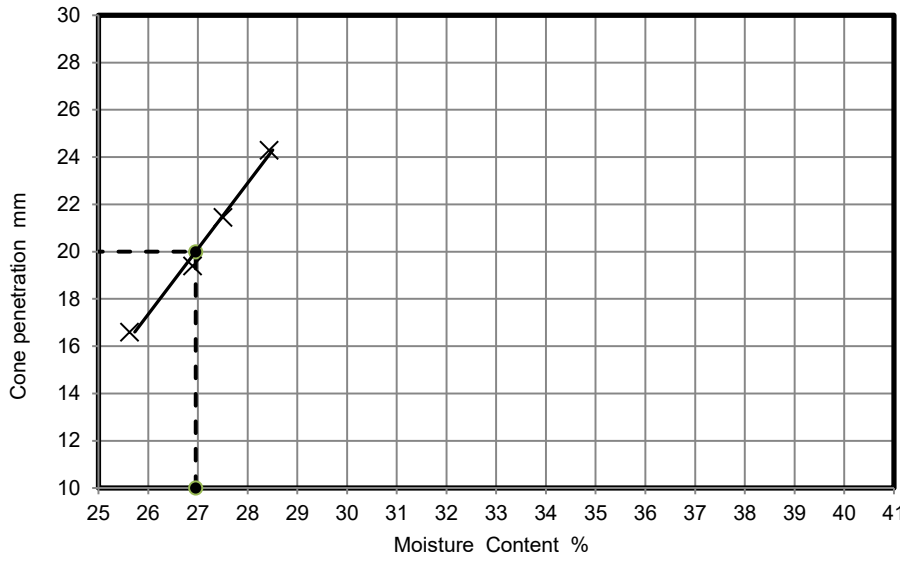
2519



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS10
Sample No.	2
Depth Top	1.00 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	27/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Light brown slightly mottled bluish grey sandy silty CLAY		

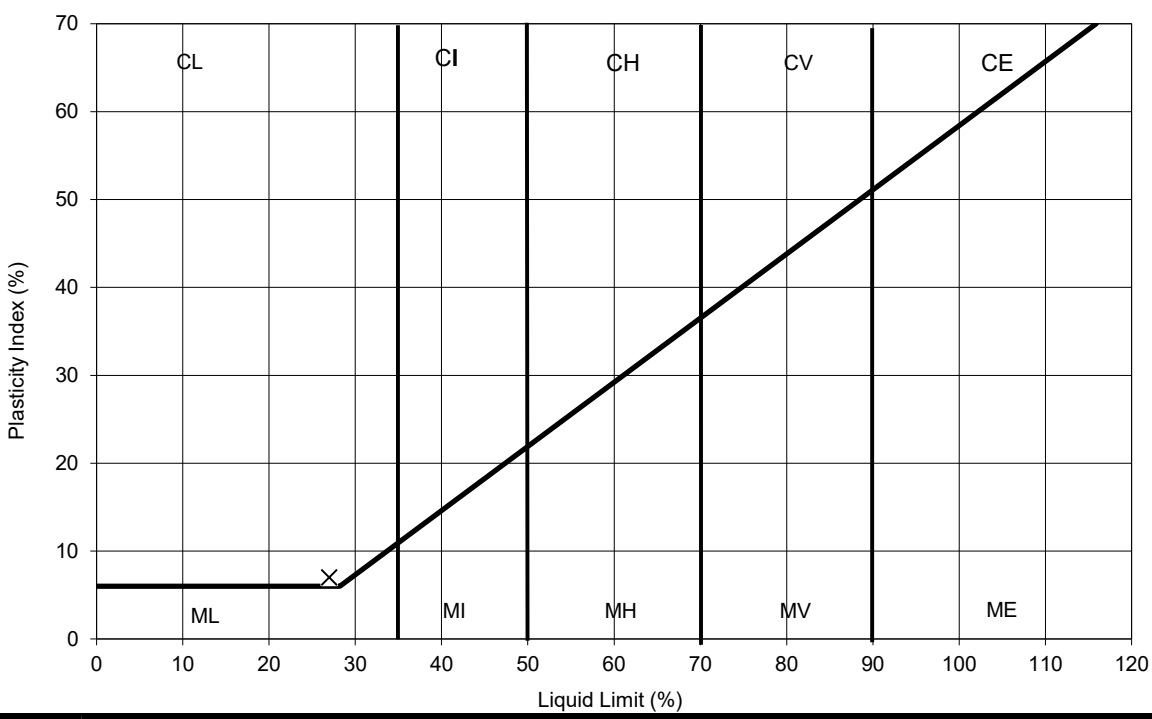


WATER CONTENT	17.6	%
% PASSING 425µm SIEVE	100	%
LIQUID LIMIT	27	%
PLASTIC LIMIT	20	%
PLASTICITY INDEX	7	%

Preparation Method	Tested in natural condition
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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

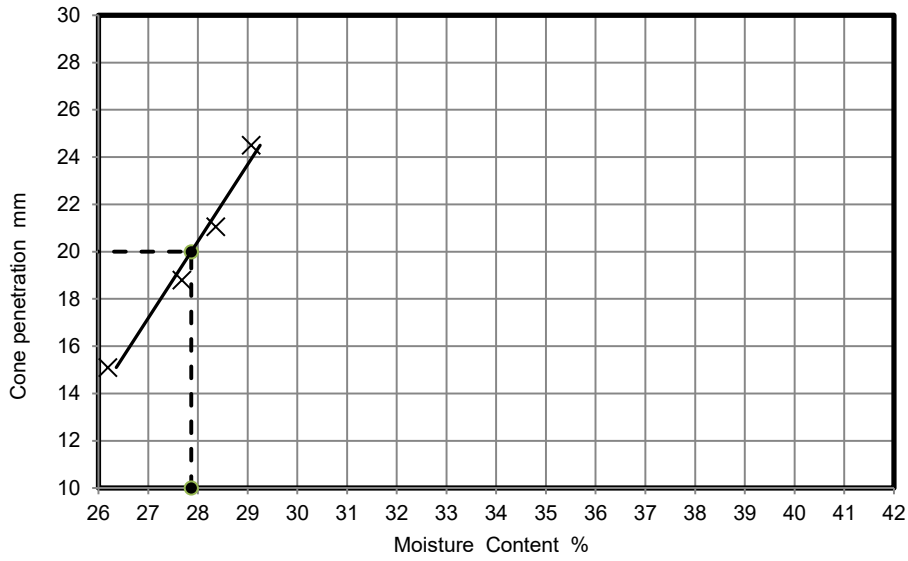
Initials: J.P
 Date: 28/08/2025



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS11
Sample No.	2
Depth Top	1.00 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	27/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Light brown sandy silty CLAY/clayey SILT with weakly cemented lumps		

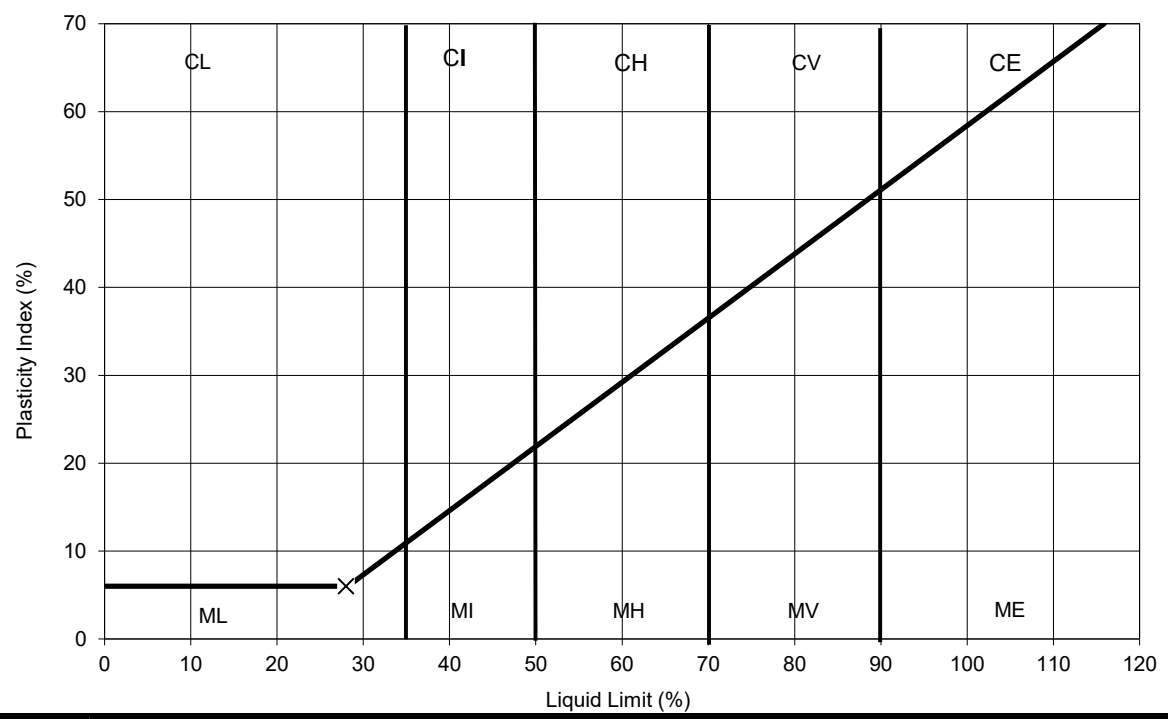


WATER CONTENT	11.7	%
% PASSING 425µm SIEVE	92	%
LIQUID LIMIT	28	%
PLASTIC LIMIT	22	%
PLASTICITY INDEX	6	%

Preparation Method	Tested after >425µm removed by hand
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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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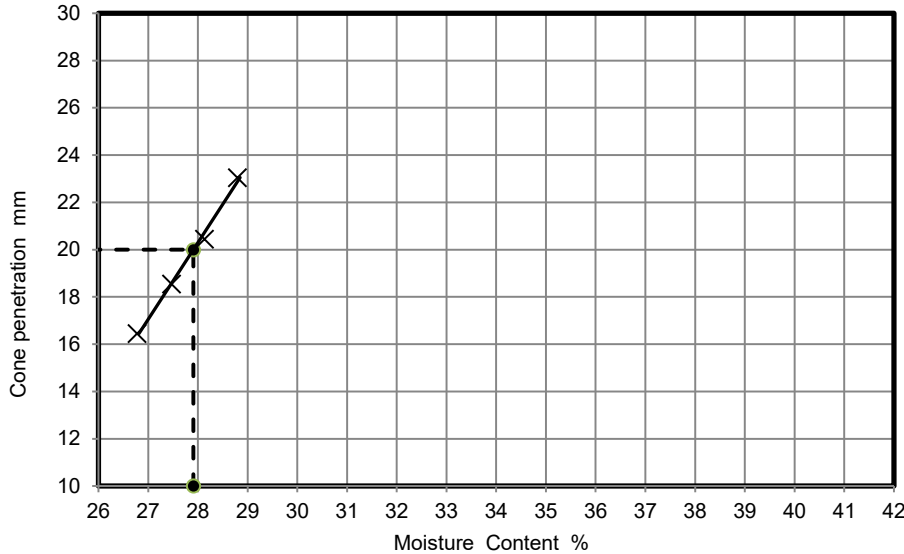
Checked and Approved
 Initials: J.P
 Date: 28/08/2025



LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX

Job No.	37669
Borehole/Pit No.	WS12
Sample No.	2
Depth Top	1.00 m
Depth Base	- m
Sample Type	D
Samples received	30/07/2025
Schedules received	30/07/2025
Project Started	31/07/2025
Date Tested	21/08/2025

Site Name	Hurst Farm, Crawley Down		
Project No.	GE23261	Client	GESL
Soil Description	Orangish brown slightly gravelly sandy silty CLAY/clayey SILT (gravel is fm and sub-rounded)		

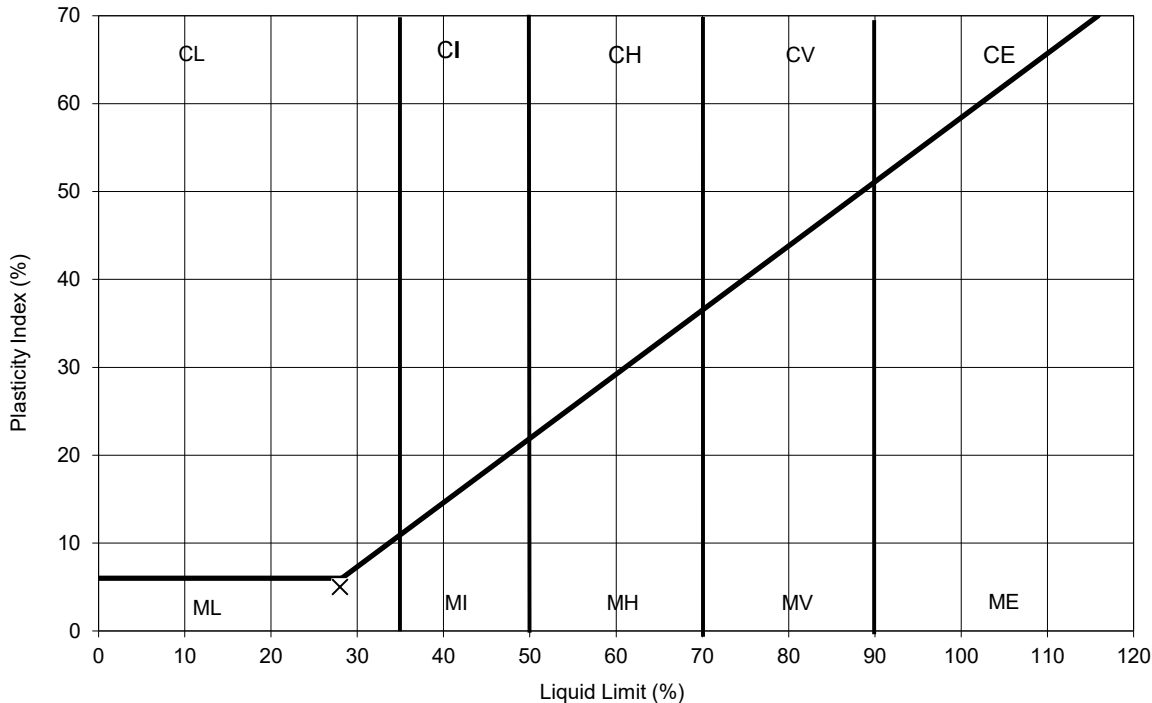


WATER CONTENT	14.1	%
% PASSING 425µm SIEVE	77	%
LIQUID LIMIT	28	%
PLASTIC LIMIT	23	%
PLASTICITY INDEX	5	%

Preparation Method	Tested after washing to remove >425um
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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: 28/08/2025



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

Job No. 37669	Project Name Hurst Farm, Crawley Down	Programme	
		Samples received	30/07/2025
Project No. GE23261	Client GESL	Schedule received	30/07/2025
		Project started	31/07/2025
		Testing Started	21/08/2025

Hole No.	Sample				Soil Description	Water Content %	Passing 425µm %	Preparation	LL %	PL %	PI %	Remarks
	Ref	Top m	Base m	Type								
TP01	2	1.00	-	D	Light brown and brown slightly fine sandy silty CLAY with scattered fm mudstone fragments	19.2	95	Tested after >425um removed by hand	29	19	10	
TP01	3	1.50	-	D	Orangish brown slightly gravelly sandy silty CLAY (gravel is fm and sub-rounded)	15.5	87	Tested after washing to remove >425um	28	17	11	
TP03	1	0.50	-	D	Light brown and brown slightly fine sandy silty CLAY with scattered fm mudstone fragments	17.7	96	Tested after >425um removed by hand	33	20	13	
TP04	2	1.00	-	D	Light grey and brown slightly gravelly sandy silty CLAY (gravel is fmc and sub-rounded)	11.6	88	Tested after >425um removed by hand	31	19	12	
WS01	1	1.00	-	D	Brown slightly mottled bluish grey slightly sandy very silty CLAY with occasional fmc siltstone fragments	13.1	81	Tested after >425um removed by hand	31	19	12	
WS02	3	1.50	-	D	Brown, orangish brown and bluish grey slightly sandy silty CLAY with scattered gravel size mudstone fragments	21.5	97	Tested after >425um removed by hand	28	21	7	
WS02	4	2.00	-	D	Brown, orangish brown and bluish grey slightly sandy silty CLAY with scattered gravel size mudstone fragments	17.2	95	Tested after >425um removed by hand	30	20	10	
WS03	3	1.50	-	D	Orangish brown slightly mottled bluish grey sandy clayey SILT/silty CLAY with occasional mudstone fragments	13.4	97	Tested after >425um removed by hand	28	19	9	
WS03	4	2.00	-	D	Brown slightly mottled bluish grey slightly sandy very silty CLAY	17.2	100	Tested in natural condition	40	20	20	
WS04	1	1.00	-	D	Light brown gravelly sandy clayey SILT/silty CLAY (gravel is fmc and sub-angular to sub-rounded)	12.0	61	Tested after washing to remove >425um	28	22	6	
WS05	2	1.00	-	D	Brown slightly gravelly sandy silty CLAY with occasional gravel size mudstone fragments (gravel is fm and sub-rounded)	10.8	95	Tested after >425um removed by hand	33	20	13	

80g/300 cone used unless otherwise stated.

<p>Test Methods: BS EN ISO 17892 Part 1: 2014+A1:2022 Water content Part 12: 2018+A2:2022 Liquid & plastic limit</p> <p>These results only apply to the items tested NOTE: The report shall not be reproduced except in full without authority of the laboratory</p>	<p>Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU</p> <p>Tel: 01923 711 288 Email: James@k4soils.com</p>	<p>Checked and Approved</p> <p>Initials J.P</p> <p>Date: 28/08/2025</p>
<p>2519 Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)</p>		



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

Job No. 37669	Project Name Hurst Farm, Crawley Down	Programme	
		Samples received	30/07/2025
Project No. GE23261	Client GESL	Schedule received	30/07/2025
		Project started	31/07/2025
		Testing Started	21/08/2025

Hole No.	Sample				Soil Description	Water Content %	Passing 425µm %	Preparation	LL %	PL %	PI %	Remarks
	Ref	Top m	Base m	Type								
WS05	3	1.50	-	D	Light brown sandy silty CLAY with occasional mudstone fragments	12.4	96	Tested after >425um removed by hand	32	19	13	
WS06	2	1.00	-	D	Light brown sandy silty CLAY/clayey SILT with rare fm mudstone fragments	15.7	99	Tested after >425um removed by hand	29	23	6	
WS06	4	2.00	-	D	Light greyish brown slightly mottled bluish grey slightly sandy silty CLAY	11.9	100	Tested in natural condition	30	19	11	
WS06	5	2.50	-	D	Light greyish brown slightly mottled bluish grey slightly sandy silty CLAY	9.2	100	Tested in natural condition	28	18	10	
WS07	3	1.50	-	D	Light brown slightly mottled bluish grey sandy silty CLAY	14.2	100	Tested in natural condition	34	18	16	
WS08	2	1.00	-	D	Orangish brown slightly gravelly sandy silty CLAY/clayey SILT (gravel is fm and sub-rounded)	11.3	95	Tested after washing to remove >425um	24	19	5	
WS09	2	1.00	-	D	Light brown slightly mottled bluish grey sandy silty CLAY	14.9	100	Tested in natural condition	34	19	15	
WS10	2	1.00	-	D	Light brown slightly mottled bluish grey sandy silty CLAY	17.6	100	Tested in natural condition	27	20	7	
WS11	2	1.00	-	D	Light brown sandy silty CLAY/clayey SILT with weakly cemented lumps	11.7	92	Tested after >425um removed by hand	28	22	6	
WS12	2	1.00	-	D	Orangish brown slightly gravelly sandy silty CLAY/clayey SILT (gravel is fm and sub-rounded)	14.1	77	Tested after washing to remove >425um	28	23	5	

80g/300 cone used unless otherwise stated.

<p>Test Methods: BS EN ISO 17892 Part 1: 2014+A1:2022 Water content Part 12: 2018+A2:2022 Liquid & plastic limit</p> <p>These results only apply to the items tested NOTE: The report shall not be reproduced except in full without authority of the laboratory</p>	<p>Test Report by K4 SOILS LABORATORY Unit 8 Olds Close Olds Approach Watford Herts WD18 9RU</p> <p>Tel: 01923 711 288 Email: James@k4soils.com</p>	<p>Checked and Approved</p> <p>Initials J.P</p> <p>Date: 28/08/2025</p>
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