



GROUNDWATER STANDING LEVEL MONITORING

Site	Land adj. to 5 Muntham Drive, Barns Green, Horsham, RH13 0PT
Client	Shanly Homes Limited

Project	Version	Date
25-129.03	3	21 May 2026

1.0 INTRODUCTION

At the instruction of Shanly Homes Limited (the Client), Aviron Associates Limited (Aviron) has undertaken standing level groundwater monitoring upon existing monitoring wells installed in June 2025.

The report follows Aviron's Site Investigation and Generic Risk Assessment (SI and GQRA) report and referenced 25-129.02. Pertinent to this groundwater standing level assessment was the drilling of window sample boreholes WS1, WS2 and WS5 which were converted to ground gas and water monitoring wells to respective depths of 4.4m below ground level (bgl), 2.7m bgl and 4.5m bgl.

During return monitoring on 26 June 2025 groundwater was standing at 1.36m bgl in WS1, 1.98m bgl in WS2 and 1.55m bgl in WS5. It was considered the groundwater encountered was perched water within the Weald Clay Formation.

It is recommended the SI and GQRA report is reviewed if improved context of ground and groundwater conditions is required.

Enclosed within **Appendix I** as **Figure 1** is a Monitoring Well Location Plan, showing the positions of WS1, WS2 and WS5.

Enclosed within **Appendix II** are Exploratory Hole Logs and Photographs, initially enclosed within the SI and GQRA report.

2.0 GROUNDWATER STANDING LEVEL MONITORING RESULTS

Groundwater monitoring, using an electronic dip-metre, has been completed on the dates shown in Table 1.

Table 1: Standing Groundwater Levels			
Date	Monitoring Well		
	WS1 (bgl)	WS2 (bgl)	WS5 (bgl)
26 June 2025	1.36m	1.98m	1.55m
9 February 2026	0.80m	0.00m (Ground Level)	0.61m
25 March 2026	1.42m	0.23m	0.82m
20 April 2026	1.52m	0.67m	1.02m

Should 'Levels' (Above Ordnance Datum – AOD) be required for groundwater measurements it is recommended a topographic survey is completed to establish a ground level directed adjacent to the monitoring wells. The depth below ground level of groundwater can then be subtracted from the ground level.

It is considered the groundwater encountered was perched water within the Weald Clay Formation.

Should you require further information please contact the undersigned.

Prepared by

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Managing Director







Legend

-  Window Sample Borehole
-  Monitoring Well

Notes

Figure 1

Drawing Title

Monitoring Well Location Plan

Project Number 25-129.03

Project Title

Land adj. to 5 Muntham Drive,
Barns Green, Horsham, RH13 OPT

Drawn by AC

Checked by JB

Scale NTS



Appendix II
Exploratory Hole Logs and Photographs





WINDOW SAMPLE LOG

Site: Land adj. to 5 Muntham Drive, Barns Green, Horsham, RH13 0PT				Project No. 25-129.02		Borehole: WS1			
Client: Shanly Homes				Start: 05/06/2025		End: 05/06/2025		Sheet: 1 of 1	
Method/Plant Used: Premier Rig (3D)			Co-ordinates: NT			Ground Level: NT			

Description of Strata	Legend	Depth (m bgl) (thickness)	Well Cnstr.	Samples/Tests			SPT Results							Notes
				Depth	No	Type	75mm	75mm	75mm	75mm	75mm	75mm	N' Value	
Light brown slightly clayey very sandy slightly gravelly SILT. Gravel is fine to coarse sub-rounded to rounded of flint. Rootlets. (TOPSOIL)		(0.5)		0.1 - 0.3	1	WAC								
Firm light brown orange frequently mottled light grey silty slightly sandy CLAY. Rootlets to 1.3m. (WEALD CLAY FORMATION)		0.5 (1.1)		0.7	2	ES								
				1.0		SPT	1	1	2	2	2	2	8	HP
				1.25										HP 9.6
				1.5										HP 10.8
Firm poorly laminated light brown mottled light grey silty slightly sandy CLAY. (WEALD CLAY FORMATION)		(0.6)		1.75										HP 6.8
				2.0		SPT	1	1	1	1	3	3	8	HP 10.2
				2.25										HP 8.9
Firm to stiff laminated brown occasionally black slightly clayey slightly sandy SILT. (WEALD CLAY FORMATION)		(0.3)		2.5										HP 8.3
Stiff poorly laminated light brown mottled light grey silty slightly sandy CLAY. (WEALD CLAY FORMATION)		(0.4)		2.75										HP 6.6
Stiff becoming very stiff laminated light grey with occasional light brown partings slightly silty gravelly CLAY. Gravel is fine to medium sub-angular of mudstone. Occasional fine shell fragments. Occasional fine partings of selenite. (WEALD CLAY FORMATION)		2.9 (1.5)		3.0		SPT	3	3	3	5	5	5	18	HP 6.4
				3.25										HP 11+
				3.5										HP 11+
				3.75										HP 11+
				4.0		SPT	3	4	4	7	9	13	33	HP 11+
				4.25										HP 11+
		4.4		4.4		SPT	16	9	24	20	6		50	HP 11+ For 170mm

Casing record			Chiselling records			Water level observations (depths in metres below gl)					
Date	Diameter (mm)	Depth (m)	Time	From (m)	To (m)	Date	Water strike	Water level (after 20mins)	Flow	Standing level	Remarks
05/06/2025	101	1.00				05/06/2025	-	-	-	Dry	
Remarks									By		
No groundwater encountered. No visual or olfactory evidence of contamination. Rootlets noted to 1.3m bgl. Gas and groundwater monitoring well installed to 4.4m bgl.							Logged	AC			
SPT: Standard Penetration Test, HP: Hand Penetrometer, B: Bulk Sample, D: Disturbed Sample							Checked	OB			Scale 01:25



Description of Strata	Legend	Depth (m bgl) (thickness)	Well Cnstr.	Samples/Tests			SPT Results						N' Value	Notes
				Depth	No	Type	75mm	75mm	75mm	75mm	75mm	75mm		
Light brown slightly clayey very sandy slightly gravelly SILT. Gravel is fine to coarse sub-rounded to rounded of flint. Rare sub-angular fine to coarse gravel size fragments of brick. Rootlets. (Reworked TOPSOIL)		(0.4) 0.4		0.3	1	ES								
Firm light brown orange frequently mottled light grey silty slightly sandy CLAY. Rootlets to 1.1m. (WEALD CLAY FORMATION)		(0.8) 1.2		1.0	2	LC/SPT	1	2	2	2	3	4	11	
Firm laminated brown occasionally black slightly clayey slightly sandy SILT. (WEALD CLAY FORMATION)		(0.4) 1.6												
Stiff becoming very stiff light grey pale orange occasionally mottled pale grey silty slightly sandy slightly gravelly CLAY. Gravel is fine to coarse angular to sub-angular of mudstone. (WEALD CLAY FORMATION)		(1.1) 2.7		2.0		SPT	5	4	4	4	4	5	17	
				2.7		SPT	18	7	32	15			47	For 95mm

Casing record			Chiselling records			Water level observations (depths in metres below gl)					
Date	Diameter (mm)	Depth (m)	Time	From (m)	To (m)	Date	Water strike	Water level (after 20mins)	Flow	Standing level	Remarks
05/06/2025	101	1.00				05/06/2025	2.50	2.40	Very slow	2.40	
Remarks									By		
Groundwater encountered from 2.4m bgl. No visual or olfactory evidence of contamination. Rootlets noted to 1.1m bgl. Gas and groundwater monitoring well installed to 2.7m bgl. SPT: Standard Penetration Test. HP: Hand Penetrometer. B: Bulk Sample. D: Disturbed Sample									Logged	AC	
									Checked	OB	



WINDOW SAMPLE LOG

Site: Land adj. to 5 Muntham Drive, Barns Green, Horsham, RH13 0PT					Project No. 25-129.02		Borehole: WS3			
Client: Shanly Homes					Start: 05/06/2025		End: 05/06/2025		Sheet: 1 of 1	
Method/Plant Used: Premier Rig (3D)				Co-ordinates: NT			Ground Level: NT			

Description of Strata	Legend	Depth (m bgl) (thickness)	Well Cnstr.	Samples/Tests			SPT Results							Notes
				Depth	No	Type	75mm	75mm	75mm	75mm	75mm	75mm	N' Value	
Light brown slightly clayey very sandy rarely gravelly SILT. Gravel is fine to coarse sub-rounded to rounded of flint. (TOPSOIL)		(0.6)		0.1	1	ES								
Soft becoming firm light brown orange frequently mottled light grey silty slightly sandy CLAY. (WEALD CLAY FORMATION)		0.6		1.0		SPT	1	1	1	1	1	2	5	
		(1.7)		1.25										HP 7.8
				1.5										HP 6.6
				1.75										HP 11+
				2.0	2	LC/SPT	1	1	2	4	5	7	18	HP 10.4
		2.3												
Stiff poorly laminated light brown rarely mottled light grey slightly silty slightly sandy occasionally gravelly CLAY. Gravel is medium angular to sub-angular of mudstone. (WEALD CLAY FORMATION)		(0.6)												
Very stiff poorly laminated dark brown dark grey slightly very silty occasionally gravelly CLAY. Gravel is medium to coarse angular to sub-angular of mudstone. (WEALD CLAY FORMATION)		2.9		3.0		SPT	3	3	4	7	9	15	35	
		(0.5)												
Very weak, poorly laminated light brown mottled orange MUDSTONE. (WEALD CLAY FORMATION)		(0.2)		3.5		SPT	21	4	50				50	For 75mm
		3.6												

Casing record			Chiselling records			Water level observations (depths in metres below gl)					
Date	Diameter (mm)	Depth (m)	Time	From (m)	To (m)	Date	Water strike	Water level (after 20mins)	Flow	Standing level	Remarks
05/06/2025	101	1.00				05/06/2025	-	-	-	Dry	
Remarks									By		
No groundwater encountered. No visual or olfactory evidence of contamination. No roots present in borehole. Borehole backfilled with arisings.							Logged	AC			
SPT: Standard Penetration Test, HP: Hand Penetrometer, B: Bulk Sample, D: Disturbed Sample							Checked	OB			Scale 01:25



WINDOW SAMPLE LOG

Site: Land adj. to 5 Muntham Drive, Barns Green, Horsham, RH13 0PT					Project No. 25-129.02		Borehole: WS4			
Client: Shanly Homes					Start: 05/06/2025		End: 05/06/2025		Sheet: 1 of 1	
Method/Plant Used: Premier Rig (3D)				Co-ordinates: NT			Ground Level: NT			

Description of Strata	Legend	Depth (m bgl) (thickness)	Well Cnstr.	Samples/Tests			SPT Results						Notes
				Depth	No	Type	75mm	75mm	75mm	75mm	75mm	N' Value	
Light brown slightly clayey very sandy rarely gravelly SILT. Gravel is fine to coarse sub-rounded to rounded of flint. Rootlets. (TOPSOIL)		(0.4)		0.1	1	ES							
Soft to firm light brown orange frequently mottled light grey silty slightly sandy CLAY. (WEALD CLAY FORMATION)		0.4		0.6	2	ES							
		(0.9)		1.0		SPT	1	2	1	2	2	2	
Firm becoming stiff and very stiff poorly laminated brown grey occasionally mottled orange silty occasionally gravelly CLAY. Gravel is medium to coarse angular to sub-angular of mudstone. (WEALD CLAY FORMATION)		1.3											
		(1.7)		2.0	3	LC/SPT	1	2	3	4	5	4	16
		3.0		3.0		SPT	7	10	13	14	14	9	50 For 295mm

Casing record			Chiselling records			Water level observations (depths in metres below gl)					
Date	Diameter (mm)	Depth (m)	Time	From (m)	To (m)	Date	Water strike	Water level (after 20mins)	Flow	Standing level	Remarks
05/06/2025	101	1.00				05/06/2025	-	-	-	Dry	
Remarks									By		
No groundwater encountered. No visual or olfactory evidence of contamination. No roots present in borehole. Borehole backfilled with arisings.							Logged	AC			
SPT: Standard Penetration Test, HP: Hand Penetrometer, B: Bulk Sample, D: Disturbed Sample							Checked	OB			Scale 01:25



WINDOW SAMPLE LOG

Site: Land adj. to 5 Muntham Drive, Barns Green, Horsham, RH13 0PT				Project No. 25-129.02		Borehole: WS5	
Client: Shanly Homes				Start: 05/06/2025		End: 05/06/2025	
Method/Plant Used: Premier Rig (3D)				Co-ordinates: NT		Ground Level: NT	
						Sheet: 1 of 1	

Description of Strata	Legend	Depth (m bgl) (thickness)	Well Cnstr.	Samples/Tests			SPT Results							Notes
				Depth	No	Type	75mm	75mm	75mm	75mm	75mm	75mm	N' Value	
Light brown slightly clayey very sandy rarely gravelly SILT. Gravel is fine to coarse sub-rounded to rounded of flint. Rootlets. (TOPSOIL)		(0.4)		0.1 - 0.3	1	WAC								
Firm light brown orange frequently mottled light grey silty slightly sandy CLAY. Rootlets to 1.1m. (WEALD CLAY FORMATION)		0.4 (1.1)		1.0		SPT	1	1	2	3	4	4	13	
		1.5		1.25										HP 11+
		1.5		1.5										HP 11+
Firm to stiff poorly laminated light brown mottled light grey silty slightly sandy CLAY. (WEALD CLAY FORMATION)		(1.1)		1.75										HP 11+
		2.0		2.0		SPT	2	3	3	4	4	5	16	HP 11+
		2.6												
Stiff becoming very stiff laminated brown grey occasionally mottled orange silty gravelly CLAY. Gravel is fine to coarse angular to sub-angular of mudstone. (WEALD CLAY FORMATION)		(1.6)		3.0		SPT	3	3	4	6	8	8	26	
		4.0		4.0		SPT	5	5	8	8	9	10	35	
		4.2												
Very weak, poorly laminated brown grey frequently mottled bright orange red MUDSTONE. (WEALD CLAY FORMATION)		(0.3)		4.5		SPT	13	12	24	24	2		50	For 150mm
		4.5												

Casing record			Chiselling records			Water level observations (depths in metres below gl)					
Date	Diameter (mm)	Depth (m)	Time	From (m)	To (m)	Date	Water strike	Water level (after 20mins)	Flow	Standing level	Remarks
05/06/2025	101	1.00				05/06/2025	-	-	-	Dry	
Remarks									By		
No groundwater encountered. No visual or olfactory evidence of contamination. Roots noted to 1.1m bgl. Gas and groundwater monitoring well installed to 4.5m bgl.							Logged	AC			
SPT: Standard Penetration Test, HP: Hand Penetrometer, B: Bulk Sample, D: Disturbed Sample							Checked	OB			Scale 01:25



WINDOW SAMPLE LOG

Site: Land adj. to 5 Muntham Drive, Barns Green, Horsham, RH13 0PT				Project No. 25-129.02	Borehole: WS6
Client: Shanly Homes			Start: 05/06/2025	End: 05/06/2025	Sheet: 1 of 1
Method/Plant Used: Premier Rig (3D)		Co-ordinates: NT		Ground Level: NT	

Description of Strata	Legend	Depth (m bgl) (thickness)	Well Cnstr.	Samples/Tests			SPT Results						Notes
				Depth	No	Type	75mm	75mm	75mm	75mm	75mm	N' Value	
Light brown slightly clayey very sandy rarely gravelly SILT. Gravel is fine to coarse sub-rounded to rounded of flint. (TOPSOIL)		(0.3)		0.1 - 0.3	1	WAC							
Firm light brown orange frequently mottled light grey silty slightly sandy CLAY. (WEALD CLAY FORMATION)		0.3 (1.4)		1.0		SPT	2	3	3	4	3	3	HP 11+
				1.25									HP 11+
				1.5									
Firm to stiff becoming stiff to very stiff poorly laminated brown grey occasionally mottled orange silty occasionally gravelly CLAY. Gravel is medium to coarse angular to sub-angular of mudstone. (WEALD CLAY FORMATION)		1.7 (1.5)		1.75									HP 11+
				2.0		SPT	2	2	3	4	4	4	
		3.2		3.0	2	LC/SPT	2	5	6	7	8	8	
Very weak, poorly laminated brown grey frequently mottled bright orange red MUDSTONE. Rare partings of fine shell fragments. (WEALD CLAY FORMATION)		(0.4)		3.6		SPT	10	13	13	16	16	5	For 235mm
		3.6											

Casing record			Chiselling records			Water level observations (depths in metres below gl)					
Date	Diameter (mm)	Depth (m)	Time	From (m)	To (m)	Date	Water strike	Water level (after 20mins)	Flow	Standing level	Remarks
05/06/2025	101	1.00				05/06/2025	-	-	-	Dry	
Remarks									By		
No groundwater encountered. No visual or olfactory evidence of contamination. No roots present in borehole. Borehole backfilled with arisings.							Logged	AC			
SPT: Standard Penetration Test, HP: Hand Penetrometer, B: Bulk Sample, D: Disturbed Sample							Checked	OB			Scale 01:25



WINDOW SAMPLE LOG

Site: Land adj. to 5 Muntham Drive, Barns Green, Horsham, RH13 0PT					Project No. 25-129.02		Borehole: WS7			
Client: Shanly Homes					Start: 05/06/2025		End: 05/06/2025		Sheet: 1 of 1	
Method/Plant Used: Premier Rig (3D)				Co-ordinates: NT			Ground Level: NT			

Description of Strata	Legend	Depth (m bgl) (thickness)	Well Cnstr.	Samples/Tests			SPT Results						Notes
				Depth	No	Type	75mm	75mm	75mm	75mm	75mm	N' Value	
Light brown slightly clayey very sandy rarely gravelly SILT. Gravel is fine to coarse sub-rounded to rounded of flint. (TOPSOIL)		(0.4)											
		0.4											
Firm and stiff light brown orange frequently mottled light grey silty slightly sandy CLAY. (WEALD CLAY FORMATION)		(1.0)		1.0	1	D/SPT	2	2	3	3	4	4	14 HP 11+
				1.25									HP 11+
		1.4		1.5	2	D							HP 11+
				1.75									HP 11+
Stiff becoming very stiff poorly laminated light brown pale orange occasionally mottled light grey very silty slightly sandy slightly gravelly CLAY. Gravel is fine to coarse angular to sub-angular of mudstone. (WEALD CLAY FORMATION)		(1.8)		2.0	3	D/SPT	1	2	3	4	5	6	18 HP 11+
				2.25									HP 11+
				2.5	4	D							HP 11+
				2.75									HP 11+
				3.0	5	D/SPT	7	7	7	8	10	11	36 HP 11+
		3.2		3.25									HP 11+
Very stiff poorly laminated dark grey dark brown frequently mottled dark orange red very silty sandy occasionally gravelly CLAY. Gravel is fine to medium sub-angular of mudstone. (WEALD CLAY FORMATION)		(1.5)		3.5	6	D							HP 11+
				3.75									HP 11+
				4.0	7	D/SPT	5	4	6	7	13	14	40 HP 11+
				4.25									HP 11+
				4.5									HP 11+
		4.7		4.7	8	D/SPT	11	13	14	14	18	4	50 For 235mm

Casing record			Chiselling records			Water level observations (depths in metres below gl)					
Date	Diameter (mm)	Depth (m)	Time	From (m)	To (m)	Date	Water strike	Water level (after 20mins)	Flow	Standing level	Remarks
05/06/2025	101	1.00				05/06/2025	-	-	-	Dry	
Remarks									By		
No groundwater encountered. No visual or olfactory evidence of contamination. No roots present in borehole. Borehole backfilled with arisings.							Logged	AC			
SPT: Standard Penetration Test, HP: Hand Penetrometer, B: Bulk Sample, D: Disturbed Sample							Checked	OB			Scale 01:25



WINDOW SAMPLE LOG

Site: Land adj. to 5 Muntham Drive, Barns Green, Horsham, RH13 0PT					Project No. 25-129.02		Borehole: WS8			
Client: Shanly Homes					Start: 05/06/2025		End: 05/06/2025		Sheet: 1 of 1	
Method/Plant Used: Premier Rig (3D)				Co-ordinates: NT			Ground Level: NT			

Description of Strata	Legend	Depth (m bgl) (thickness)	Well Cnstr.	Samples/Tests			SPT Results							Notes
				Depth	No	Type	75mm	75mm	75mm	75mm	75mm	75mm	N' Value	
Light brown slightly clayey very sandy rarely gravelly SILT. Gravel is fine to coarse sub-rounded to rounded of flint. (TOPSOIL)		(0.4)												
Soft to firm light brown orange frequently mottled light grey silty slightly sandy CLAY. (WEALD CLAY FORMATION)		0.4												
		(1.0)		1.0	1	D/SPT	1	1	1	2	2	2	7	
		1.4		1.25										HP 8.1
Firm poorly laminated light brown pale orange occasionally mottled light grey very silty slightly sandy slightly gravelly CLAY. Gravel is medium to coarse angular to sub-angular of mudstone. (WEALD CLAY FORMATION)		(1.1)		1.5										HP 8.4
				1.75										HP 9.7
				2.0	2	D/SPT	1	2	2	2	3	3	10	HP 8.7
		2.5		2.25										HP 8.4
Very weak, poorly laminated brown grey frequently mottled bright orange red MUDSTONE. Rare partings of fine shell fragments. (WEALD CLAY FORMATION)		(0.5)												
		3.0		3.0	3	D/SPT	10	15	25	25			50	For 150mm

Casing record			Chiselling records			Water level observations (depths in metres below gl)						
Date	Diameter (mm)	Depth (m)	Time	From (m)	To (m)	Date	Water strike	Water level (after 20mins)	Flow	Standing level	Remarks	
05/06/2025	101	1.00				05/06/2025	-	-	-	Dry		
Remarks									By			
No groundwater encountered. No visual or olfactory evidence of contamination. No roots present in borehole. Borehole backfilled with arisings.									Logged	AC		
									Checked	OB		Scale 01:25
									SPT: Standard Penetration Test, HP: Hand Penetrometer, B: Bulk Sample, D: Disturbed Sample			



WINDOW SAMPLE LOG

Site:	Land adj. to 5 Muntham Drive, Barns Green, Horsham, RH13 0PT			Project No.	25-129.02	Borehole:	WS9
Client:	Shanly Homes			Start:	05/06/2025	End:	05/06/2025
Method/Plant Used:	Premier Rig (3D)	Co-ordinates:	NT		Ground Level:	NT	Sheet: 1 of 1

Description of Strata	Legend	Depth (m bgl) (thickness)	Well Cnstr.	Samples/Tests			SPT Results						Notes
				Depth	No	Type	75mm	75mm	75mm	75mm	75mm	N' Value	
Light brown slightly clayey very sandy slightly gravelly SILT. Gravel is fine to coarse sub-rounded to rounded of flint. Rootlets. (TOPSOIL)		(0.5)											
		0.5											
Firm light brown orange frequently mottled light grey silty slightly sandy CLAY. (WEALD CLAY FORMATION)		(1.0)		1.0	1	D/SPT	1	1	2	2	3	3	HP 11+
		1.5		1.5	2	D							HP 9.6
Firm poorly laminated brown pale orange mottled light grey very silty slightly sandy slightly gravelly CLAY. Gravel is medium to coarse angular to sub-angular of mudstone. (WEALD CLAY FORMATION)		(0.9)		1.75									HP 10.2
		2.4		2.0	3	D/SPT	1	1	1	2	2	3	HP 7.9
		2.6		2.25									HP 7.3
Firm poorly laminated brown occasionally black slightly clayey slightly sandy SILT. (WEALD CLAY FORMATION)		(0.2)		2.5	4	D							HP 7.7
Firm to stiff poorly laminated brown pale grey silty slightly sandy slightly gravelly CLAY. Gravel is fine to medium sub-rounded of mudstone. (WEALD CLAY FORMATION)		(0.9)		2.75									HP 7.7
		3.5		3.0	5	D/SPT	1	3	6	3	3	3	HP 9.8
		4.0		3.25									HP 11+
Very weak, poorly laminated light grey rarely mottled brown MUDSTONE. (WEALD CLAY FORMATION)		(0.5)		3.5	6	D							HP 10.6
				4.0	7	D/SPT	1	5	7	12	20	11	50 For 265mm

Casing record			Chiselling records			Water level observations (depths in metres below gl)					
Date	Diameter (mm)	Depth (m)	Time	From (m)	To (m)	Date	Water strike	Water level (after 20mins)	Flow	Standing level	Remarks
05/06/2025	101	1.00				05/06/2025	3.90	3.85	Slow	3.80	
Remarks									By		
Groundwater encountered from 3.8m bgl. No visual or olfactory evidence of contamination. No roots present in borehole. Borehole backfilled with arisings.							Logged	AC			
SPT: Standard Penetration Test, HP: Hand Penetrometer, B: Bulk Sample, D: Disturbed Sample							Checked	OB			Scale 01:25



WINDOW SAMPLE LOG

Site:	Land adj. to 5 Muntham Drive, Barns Green, Horsham, RH13 0PT	Project No.	25-129.02	Borehole:	WS10
Client:	Shanly Homes	Start:	05/06/2025	End:	05/06/2025
Method/Plant Used:	Premier Rig (3D)	Co-ordinates:	NT	Ground Level:	NT

Description of Strata	Legend	Depth (m bgl) (thickness)	Well Cnstr.	Samples/Tests			SPT Results						Notes
				Depth	No	Type	75mm	75mm	75mm	75mm	75mm	N' Value	
Light brown slightly clayey very sandy slightly gravelly SILT. Gravel is fine to coarse sub-rounded to rounded of flint. Rootlets. (TOPSOIL)		(0.5)											
		0.5											
Firm light brown orange frequently mottled light grey silty slightly sandy CLAY. (WEALD CLAY FORMATION)		(0.6)											
		1.1		1.0		SPT	1	1	2	2	3	3	10
		1.5		1.25									HP 9.8
				1.5									HP 11+
				1.75									HP 11+
				2.0		SPT	3	3	5	5	7	6	23
				2.25									HP 11+
				2.5									HP 11+
		2.6		2.75									HP 9.4
Very stiff poorly laminated dark grey brown very silty slightly sandy slightly gravelly CLAY. Gravel is medium to coarse angular to sub-angular of mudstone. (WEALD CLAY FORMATION)		(0.4)		3.0		SPT	2	4	6	12	22	10	50
		3.0											For 245mm

Casing record			Chiselling records			Water level observations (depths in metres below gl)					
Date	Diameter (mm)	Depth (m)	Time	From (m)	To (m)	Date	Water strike	Water level (after 20mins)	Flow	Standing level	Remarks
05/06/2025	101	1.00				05/06/2025	-	-	-	Dry	
Remarks									By		
No groundwater encountered. No visual or olfactory evidence of contamination. No roots present in borehole. Borehole backfilled with arisings.									Logged	AC	
									Checked	OB	
SPT: Standard Penetration Test, HP: Hand Penetrometer, B: Bulk Sample, D: Disturbed Sample											



WINDOW SAMPLE LOG

Site: Land adj. to 5 Muntham Drive, Barns Green, Horsham, RH13 0PT				Project No. 25-129.02	Borehole: WS11
Client: Shanly Homes			Start: 05/06/2025	End: 05/06/2025	Sheet: 1 of 1
Method/Plant Used: Premier Rig (3D)		Co-ordinates: NT		Ground Level: NT	

Description of Strata	Legend	Depth (m bgl) (thickness)	Well Cnstr.	Samples/Tests			SPT Results						Notes
				Depth	No	Type	75mm	75mm	75mm	75mm	75mm	N' Value	
Light brown slightly clayey very sandy rarely gravelly SILT. Gravel is fine to coarse sub-rounded to rounded of flint. (TOPSOIL)		(0.3)		0.2	1	ES							
Firm light brown orange frequently mottled light grey silty slightly sandy CLAY. (WEALD CLAY FORMATION)		0.3 (1.3)											
				1.0	2	D/SPT	2	2	2	2	3	3	10 HP 9.5
				1.25									HP 8.3
				1.5	3	D							HP 11+
Firm poorly laminated brown occasionally black slightly clayey slightly sandy SILT. (WEALD CLAY FORMATION)		(0.2) 1.8		1.75									HP 11+
Stiff to very stiff poorly laminated brown pale orange mottled light grey very silty slightly sandy slightly gravelly CLAY. Gravel is fine to coarse angular to sub-angular of mudstone. (WEALD CLAY FORMATION)		(0.6) 2.4		2.0	4	D/SPT	5	5	7	7	9	8	31 HP 11+
				2.25									HP 11+
Very stiff to hard poorly laminated brown orange occasionally mottled light grey mottled dark red very silty slightly sandy slightly gravelly CLAY. Gravel is medium to coarse angular to sub-angular of mudstone. (WEALD CLAY FORMATION)		(0.6) 3.0		2.5	5	D							HP 11+
				2.8		SPT	15	10	20	22	8		50 For 170mm
				3.0	6	D							HP 11+

Casing record			Chiselling records			Water level observations (depths in metres below gl)					
Date	Diameter (mm)	Depth (m)	Time	From (m)	To (m)	Date	Water strike	Water level (after 20mins)	Flow	Standing level	Remarks
05/06/2025	101	1.00				05/06/2025	-	-	-	Dry	
Remarks									By		
No groundwater encountered. No visual or olfactory evidence of contamination. No roots present in borehole. Borehole backfilled with arisings.							Logged	AC			
SPT: Standard Penetration Test, HP: Hand Penetrometer, B: Bulk Sample, D: Disturbed Sample							Checked	OB		Scale 01:25	



WS1 arisings



WS2 arisings



WS3 arisings



WS4 arisings



WS5 arisings



WS6 arisings



WS7 arisings



WS8 arisings



WS9 arisings



WS10 arisings



WS11 arisings