

APPENDIX B

Ibex Consulting

22/10/2021

Our ref: ICE0007/LD02/211022

Christian O'Brien
Senior Technical Manager
Persimmon Homes Thames Valley
Persimmon House
Knoll Road
Camberley
Surrey
GU15 3TQ



By email only

Dear Christian,

RE: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ – BRE 365 Soakage Testing and Groundwater Winter Monitoring

We write to present the results of the soakage testing and intrusive investigation undertaken at the above site. The soakage tests were undertaken in accordance with BRE Digest 365 'Soakaway Design' BRE, 2016.

The intrusive investigation was undertaken between 18th and 20th October 2021, with the works supervised by an IBEX Engineer.

Background

At the time of intrusive investigation, the site was occupied by several undeveloped farmlands. It is understood that the site is proposed to be developed with a new residential development with private gardens, a communal open space, services access roads and associated development infrastructure.

Scope of Site Works

Sixteen dynamic sampler boreholes (referenced WS01-WS14) were drilled to a maximum depth of 5.0m bgl.

Fourteen machine dug trial pits were excavated to a maximum depth of 2.05m bgl.

Fourteen soakage tests in accordance with BRE Digest 365 were undertaken within the trial pits (TP01 and TP14).

Ground Conditions

Based on the published geological records and several phases of ground investigations were undertaken on site, the ground conditions are likely to comprise superficial deposits of the Head Deposits and Made Ground overlying the chalk of the Tarrant Chalk Member.

The ground conditions encountered were broadly consistent with those anticipated, namely a thickness of Topsoil overlying Head Deposits over the chalk. Made Ground was not encountered during the investigation.

Ibex Consulting Engineers Limited

25 Clarendon Road, Redhill, Surrey, RH1 1QZ

T: 01737 452622 (ext.2622) www.ibexconsultant.com

E: info@ibexconsultant.com

Geotechnical and Environmental Specialists | Site Investigations

Ibex Consulting Engineers Limited registered in England and Wales under the company registration number: 13585544

For and on Behalf of Ibex Consulting Engineers Limited



Levent Dogan BSc, MSc, PGDip, CEng MCIHT, AMICE
Director

ld@ibexconsultant.com

Enc.	Figure 1	Site Location Plan
	Figure 2	Exploratory Hole Logs Location Plan
	Appendix A	Exploratory hole logs
	Appendix B	BRE 365 Soakage Testing Results
	Appendix C	GPS Coordinates of the Exploratory Holes

For further details of the ground conditions, reference should be made to the exploratory hole logs presented in Appendix A.

Groundwater

Groundwater was not encountered during the investigation.

However, fourteen combined groundwater and ground gas monitoring wells were installed within all of the boreholes (referenced WS01-WS14) to a maximum depth of 5.0m bgl and these wells will be monitored on twelve occasions between mid-October 2021 and mid-March 2022.

Obstructions

During the intrusive ground investigation, advancements of WS04, WS5, WS05A, WS06 and WS6A were terminated at depths of between 1.8m and 4.7m bgl due to the presence of impenetrable obstructions (e.g. coarse flint gravel). Therefore, the presence of natural and/or manmade obstructions elsewhere on site cannot be discounted.

Soakaways

Table 1 summarises the soakage rates, which were calculated based on the results of the soakage testing:

Reference	Geology	Calculated Infiltration Rates (m/s)		
		1 st Cycle	2 nd Cycle	3 rd Cycle
TP01	Head Deposits	1.1X10 ⁻⁵	1.4X10 ⁻⁵	1.4X10 ⁻⁵
TP02	Head Deposits	5.3X10 ⁻⁶	8.4X10 ⁻⁶	7.6X10 ⁻⁶
TP03	Head Deposits	3.2X10 ⁻⁵	5.8X10 ⁻⁵	4.1X10 ⁻⁵
TP04	Head Deposits	1.0X10 ⁻⁵	1.2X10 ⁻⁵	6.7X10 ⁻⁶
TP05	Head Deposits	1.6X10 ⁻⁵	2.1X10 ⁻⁵	2.5X10 ⁻⁵
TP06	Head Deposits	1.5X10 ⁻⁴	6.3X10 ⁻⁵	6.4X10 ⁻⁵
TP07	Head Deposits	5.7X10 ⁻⁵	2.5X10 ⁻⁵	1.9X10 ⁻⁵
TP08	Head Deposits	5.8X10 ⁻⁶	1.3X10 ⁻⁵	1.4X10 ⁻⁶
TP09	Head Deposits	1.1X10 ⁻⁶	2.7X10 ⁻⁶	1.1X10 ⁻⁶
TP10	Head Deposits	1.7X10 ⁻⁶	3.0X10 ⁻⁶	*
TP11	Head Deposits	1.5X10 ⁻⁶	2.3X10 ⁻⁶	*
TP12	Head Deposits	1.0X10 ⁻⁵	2.3X10 ⁻⁵	1.9X10 ⁻⁵
TP13	Head Deposits / Tarrant Chalk Member	8.7X10 ⁻⁴	6.5X10 ⁻⁴	1.0X10 ⁻³
TP14	Head Deposits	4.3X10 ⁻⁵	3.1X10 ⁻⁵	2.2X10 ⁻⁵
N/D: Not determined due to insufficient fall in head over three day period				
* Collapsed following heavy rainfall.				

Table 1 Summary of Soakage Test Results

Closure

We trust that we have interpreted your instructions correctly; please do not hesitate to contact us should you have any queries.

Yours sincerely

Figures





Project:	Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ		
Client:	Persimmon Homes Thames Valley		
Ref No:	ICE0007	Revision:	0
Drawn:	LD	Date:	22/10/2021
Figure:	1	Scale:	Not To Scale

Title Site Location Plan

IBEX Consulting Engineers Limited

Abbey House, 25 Clarendon Road

Redhill, Surrey. RH1 1QZ

+44(0)1737 452622 www.ibexconsultant.com





Project:	Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ			Title	Exploratory Hole Logs Location Plan	
Client:	Persimmon Homes Thames Valley			IBEX Consulting Engineers Limited Abbey House, 25 Clarendon Road Redhill, Surrey. RH1 1QZ +44(0)1737 452622 www.ibexconsultant.com 		
Ref No:	ICE0007	Revision:	0			
Drawn:	LD	Date:	22/10/2021			
Figure:	2	Scale:	Not To Scale			

Appendix A

Exploratory Hole Logs



IBEX
CONSULTING
ENGINEERS

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Easting: 516686.44

Northing: 105497.38

Ground Level: 18.21

Borehole No: WS01



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	18.2							
		TOPSOIL Grass over dark brown sandy clay with roots and rootlets. [TOPSOIL]	17.8							
1		HEAD DEPOSITS Brown orange brown sandy CLAY with high cobble content. [HEAD DEPOSITS]	17							
2										
3		HEAD DEPOSITS Cream gravelly sandy silty CLAY with high cobble content. Gravel is fine to coarse flint and chert.[HEAD DEPOSITS]								
4										
5			13.2							

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 20.10.2021

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Easting: 516609.48

Northing: 105488.17

Ground Level: 19.14

Borehole No: WS02



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	19.1							
		TOPSOIL Grass over dark brown sandy clay with roots and rootlets. [TOPSOIL]	18.8							
1		HEAD DEPOSITS Brown orange brown sandy CLAY with high cobble content and abundant roots and rootlets. [HEAD DEPOSITS]	18							
2		HEAD DEPOSITS Cream gravelly sandy silty CLAY with high cobble content. Gravel is fine to coarse flint and chert.[HEAD DEPOSITS]	15.6							
3										
4		HEAD DEPOSITS Brown gravelly sandy silty CLAY with high cobble content. Gravel is fine to coarse flint and chert.[HEAD DEPOSITS]	14.1							
5										

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 20.10.2021

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Easting: 516597.95

Northing: 105394.52

Ground Level: 15.60

Borehole No: WS03



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	15.2							
		TOPSOIL Grass over dark brown sandy clay with roots and rootlets. [TOPSOIL]	14.7							
1		HEAD DEPOSITS Brown very gravelly sandy CLAY with high cobble content. Gravel is fine to coarse angular to sub-angular flint gravel. [HEAD DEPOSITS]	14							
2		HEAD DEPOSITS Light brown cream gravelly slightly clayey SAND/sandy CLAY. Gravel is fine to coarse flint and chert. [HEAD DEPOSITS]	11.4							
3										
4		End of Borehole								
5										

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 20.10.2021

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Easting: 516684.43

Northing: 105393.80

Ground Level: 15.26

Borehole No: WS04



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	15.3							
		TOPSOIL Grass over dark brown sandy clay with roots and rootlets. [TOPSOIL]	14.9							
		HEAD DEPOSITS Brown very gravelly sandy CLAY with high cobble content. Gravel is fine to coarse angular to sub-angular flint gravel. [HEAD DEPOSITS]	14.3							
1		HEAD DEPOSITS Light brown cream gravelly slightly clayey SAND/sandy CLAY with high cobble content. Gravel is fine to coarse flint and chert. [HEAD DEPOSITS]	13.5							
2		End of Borehole								
3										
4										
5										

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 20.10.2021

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Easting: 516575.06

Northing: 105276.43

Ground Level: 13.16

Borehole No: WS05



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	13.2							
		TOPSOIL Grass over dark brown sandy clay with roots and rootlets. [TOPSOIL]	12.8							
		HEAD DEPOSITS Brown sandy CLAY. [HEAD DEPOSITS]	12.4							
1		HEAD DEPOSITS Cream clayey sandy GRAVEL. Gravel is fine to coarse flint and chert. [HEAD DEPOSITS]								
2										
3			9.96							
4		HEAD DEPOSITS Cream gravelly sandy CLAY. Gravel is fine to coarse flint and chert. [HEAD DEPOSITS]								
			8.46							
		End of Borehole								
5										

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 20.10.2021

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Easting: 516575.06

Northing: 105276.43

Ground Level: 13.16

Borehole No: WS05A



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	13.2							
		TOPSOIL								
		Grass over dark brown sandy clay with roots and rootlets. [TOPSOIL]	12.9							
		HEAD DEPOSITS								
		Brown sandy CLAY. [HEAD DEPOSITS]	12.4							
1		HEAD DEPOSITS								
		Cream clayey sandy GRAVEL. Gravel is fine to coarse flint and chert. [HEAD DEPOSITS]	11.9							
		End of Borehole								
2										
3										
4										
5										

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 20.10.2021

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Easting: 516689.61

Northing: 105271.60

Ground Level: 14.11

Borehole No: WS06



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	14.1							
		TOPSOIL Grass over dark brown sandy clay with roots and rootlets. [TOPSOIL]	13.8							
		HEAD DEPOSITS Brown sandy CLAY. [HEAD DEPOSITS]	13.2							
1		HEAD DEPOSITS Cream clayey sandy GRAVEL. Gravel is fine to coarse flint and chert. [HEAD DEPOSITS]	11.4							
2										
3		End of Borehole								
4										
5										

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 20.10.2021

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Easting: 516689.61

Northing: 105271.60

Ground Level: 14.11

Borehole No: WS06A



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	14.1							
		TOPSOIL								
		Grass over dark brown sandy clay with roots and rootlets. [TOPSOIL]	13.8							
		HEAD DEPOSITS								
		Brown sandy CLAY. [HEAD DEPOSITS]	13.2							
1		HEAD DEPOSITS								
		Cream clayey sandy GRAVEL. Gravel is fine to coarse flint and chert. [HEAD DEPOSITS]								
2										
			11.6							
		End of Borehole								
3										
4										
5										

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 20.10.2021

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Easting: 516663.64

Northing: 104690.57

Ground Level: 8.76

Borehole No: WS07



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	8.76							
		TOPSOIL								
		Soft to firm dark brown sandy clay with rootlets and occasional flints. [TOPSOIL]	8.51							
1										
		HEAD DEPOSITS Orange brown clayey sandy GRAVEL. Gravel is fine to coarse flint and chert. [HEAD DEPOSITS]								
2										
3			5.61							
		HEAD DEPOSITS Yellowish brown slightly clayey fine to medium grained SAND. [HEAD DEPOSITS]								
4										
5			3.76							

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 19.10.2021

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Easting: 516612.82

Northing: 104586.11

Ground Level: 6.47

Borehole No: WS09



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	6.47							
		TOPSOIL Soft to firm dark brown sandy clay with rootlets and occasional flints. [TOPSOIL]	6.17							
		HEAD DEPOSITS Brown sandy CLAY. [HEAD DEPOSITS]	5.62							
1										
2		HEAD DEPOSITS Brown orange brown very gravelly sandy CLAY. Gravel is fine to coarse angular to sub-angular flint gravel. [HEAD DEPOSITS]								
3			3.27							
4		TARRANT CHALK MEMBER Recovered as structureless greyish white CHALK composed of slightly silty CLAY with occasional flint gravel. [TARRANT CHALK MEMBER]								
5			1.47							

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 19.10.2021

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Borehole No: WS08

Easting: 516646.65

Northing: 104586.11

Ground Level: 7.76



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	7.76							
		TOPSOIL Soft to firm dark brown sandy clay with rootlets and occasional flints. [TOPSOIL]	7.42							
		HEAD DEPOSITS Brown sandy CLAY. [HEAD DEPOSITS]	6.96							
1		HEAD DEPOSITS Brown clayey sandy GRAVEL. Gravel is fine to coarse angular to sub-angular flint and chert. [HEAD DEPOSITS]	5.97							
2		HEAD DEPOSITS Brown sandy CLAY. [HEAD DEPOSITS]	5.16							
3		TARRANT CHALK MEMBER Light brown creamy sandy gravelly chalky CLAY/clayey CHALK. Gravel is medium to coarse angular to sub-angular flint and chert. [TARRANT CHALK MEMBER]	2.76							
4										
5										

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 19.10.2021

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Easting: 516543.37

Northing: 104602.30

Ground Level: 8.12

Borehole No: WS10



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	8.12							
		TOPSOIL Soft to firm dark brown sandy clay with rootlets and occasional flints. [TOPSOIL]	7.82							
		HEAD DEPOSITS Brown sandy CLAY with occasional roots. [HEAD DEPOSITS]	7.12							
1										
2										
3		HEAD DEPOSITS Brown orange brown very gravelly sandy CLAY. Gravel is fine to coarse angular to sub-angular flint gravel. [HEAD DEPOSITS]								
4										
			3.82							
		End of Borehole								
5										

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 19.10.2021

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Easting: 516503.06

Northing: 104411.34

Ground Level: 6.67

Borehole No: WS11



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	6.67							
		TOPSOIL								
		Soft to firm dark brown sandy clay with rootlets and occasional flints.	6.36							
		[TOPSOIL]								
1		HEAD DEPOSITS								
		Brown sandy CLAY. [HEAD DEPOSITS]								
			5.12							
2		HEAD DEPOSITS								
		Brown orange brown very gravelly sandy CLAY. Gravel is fine to coarse angular to sub-angular flint gravel.								
		[HEAD DEPOSITS]	4.37							
3		TARRANT CHALK MEMBER								
		Light brown creamy sandy gravelly chalky CLAY/clayey CHALK with orange brown sandy partings. Gravel is medium to coarse angular to sub-angular flint and chert. [TARRANT CHALK MEMBER]								
4										
5			1.67							

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 19.10.2021

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Easting: 516435.67

Northing: 104695.39

Ground Level: 7.685

Borehole No: WS12



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	7.68							
		TOPSOIL Soft to firm dark brown sandy clay with rootlets and occasional flints. [TOPSOIL]	7.38							
		HEAD DEPOSITS Brown sandy CLAY. [HEAD DEPOSITS]	6.68							
1										
		HEAD DEPOSITS Brown orange brown very gravelly sandy CLAY. Gravel is fine to coarse angular to sub-angular flint gravel. [HEAD DEPOSITS]	4.98							
2										
		HEAD DEPOSITS Yellowish brown clayey fine to medium grained SAND. [HEAD DEPOSITS]	3.49							
3										
		TARRANT CHALK MEMBER Recovered as structureless greyish white putty CHALK composed of slightly silty CLAY with occasional flint gravel. [TARRANT CHALK MEMBER]	2.68							
4										
5										

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 19.10.2021

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Easting: 516409.55

Northing: 104611.93

Ground Level: 6.905

Borehole No: WS13



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	6.91							
		TOPSOIL								
		Soft to firm dark brown sandy clay with rootlets and occasional flints. [TOPSOIL]	6.66							
1		HEAD DEPOSITS Brown light brown gravelly sandy CLAY. Gravel is fine to coarse flint and chert gravel. [HEAD DEPOSITS]								
2			4.7							
3		HEAD DEPOSITS Light brown cream very gravelly sandy CLAY with orange brown sandy clay partings. Gravel is fine to coarse flint gravel. Occasional chalk gravel. [HEAD DEPOSITS]								
4										
5			1.91							

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 19.10.2021

Job No: ICE0007

Trial Pit No: TP01

Site: Sompting, West Sussex

Easting: 516672.86

Client: Persimmon Homes

Northing: 105497.57



Depth	Symbol	Description	Depth/Elev.	Sample	Depth	Remarks
0		Ground Surface	18.3		0	
		TOPSOIL Grass over dark brown sandy clay with roots and rootlets. [TOPSOIL]	17.9			
1		HEAD DEPOSITS Brown orange brown sandy CLAY with high cobble content. [HEAD DEPOSITS]	17.1		1	
		HEAD DEPOSITS Cream gravelly sandy silty CLAY with high cobble content. Gravel is fine to coarse flint and chert. [HEAD DEPOSITS]	16.8			
		End of Borehole				
2					2	
3					3	
4					4	

Logged By: LD

Excavation Method: Stable

Date: 18.10.2021

Job No: ICE0007

Site: Sompting, West Sussex, BN15 0DQ

Client: Persimmon Homes Thames Valley

Easting: 516366.00

Northing: 104769.14

Ground Level: 7.32

Borehole No: WS14



Depth	Symbol	Description	Depth/Elev.	Number	Type	SPT(N)	Standard Penetration Test		Well Data	Remarks
							20	40		
0		Ground Surface	7.32							
		TOPSOIL Soft to firm dark brown sandy clay with rootlets and occasional flints. [TOPSOIL]	7.05							
1		HEAD DEPOSITS Brown becoming light brown sandy silty CLAY. [HEAD DEPOSITS]								
2			5.11							
3		HEAD DEPOSITS Light brown gravelly sandy CLAY. Gravel is fine to coarse and angular to sub-angular flint gravel. [HEAD DEPOSITS]								
4										
5			2.32							

Drilled By: 3D Drilling Ltd

Drill Method: Dynamic Sampler

Drill Date: 19.10.2021

Job No: ICE0007

Trial Pit No: TP02

Site: Sompting, West Sussex

Easting: 516601.34

Client: Persimmon Homes

Northing: 105475.15



Depth	Symbol	Description	Depth/Elev.	Sample	Depth	Remarks
0		Ground Surface	18.8		0	
		TOPSOIL Grass over dark brown sandy clay with roots and rootlets. [TOPSOIL]	18.4			
		HEAD DEPOSITS Brown orange brown sandy CLAY with high cobble content and abundant roots and rootlets. [HEAD DEPOSITS]	17.8			
1		End of Borehole			1	
2					2	
3					3	
4					4	

Logged By: LD

Excavation Method: Stable

Date: 18.10.2021

Job No: ICE0007

Trial Pit No: TP03

Site: Sompting, West Sussex

Easting: 516615.97

Client: Persimmon Homes

Northing: 105394.69



Depth	Symbol	Description	Depth/Elev.	Sample	Depth	Remarks
0		Ground Surface	15.5		0	
		TOPSOIL Grass over dark brown sandy clay with roots and rootlets. [TOPSOIL]	14.9			
1		HEAD DEPOSITS Brown very gravelly sandy CLAY with high cobble content. Gravel is fine to coarse angular to sub-angular flint gravel. [HEAD DEPOSITS]	14.3		1	
		HEAD DEPOSITS Light brown cream gravelly slightly clayey SAND/sandy CLAY. Gravel is fine to coarse flint and chert. [HEAD DEPOSITS]	14			
		End of Borehole				
2					2	
3					3	
4					4	

Logged By: LD

Excavation Method: Machine excavated

Date: 18.10.2021

Job No: ICE0007

Trial Pit No: TP04

Site: Sompting, West Sussex

Easting: 516703.21

Client: Persimmon Homes

Northing: 105393.47



Depth	Symbol	Description	Depth/Elev.	Sample	Depth	Remarks
0		Ground Surface	15.4		0	
		TOPSOIL Grass over dark brown sandy clay with roots and rootlets. [TOPSOIL]	15			
		HEAD DEPOSITS Brown very gravelly sandy CLAY with high cobble content. Gravel is fine to coarse angular to sub-angular flint gravel. [HEAD DEPOSITS]	14.5			
1		HEAD DEPOSITS Light brown cream gravelly slightly clayey SAND/sandy CLAY with high cobble content. Gravel is fine to coarse flint and chert. [HEAD DEPOSITS]	14.3		1	
		End of Borehole				
2					2	
3					3	
4					4	

Logged By: LD

Excavation Method: Machine excavated

Date: 18.10.2021

Job No: ICE0007

Trial Pit No: TP05

Site: Sompting, West Sussex

Easting: 516607.10

Client: Persimmon Homes

Northing: 105274.96



Depth	Symbol	Description	Depth/Elev.	Sample	Depth	Remarks
0		Ground Surface	13.5		0	
		TOPSOIL Grass over dark brown sandy clay with roots and rootlets. [TOPSOIL]	13.1			
		HEAD DEPOSITS Brown very gravelly sandy CLAY with high cobble content. Gravel is fine to coarse angular to sub-angular flint gravel. [HEAD DEPOSITS]	12.5			
1		End of Borehole			1	
2					2	
3					3	
4					4	

Logged By: LD

Excavation Method: Machine excavated

Date: 18.10.2021

Job No: ICE0007

Trial Pit No: TP06

Site: Sompting, West Sussex

Easting: 516673.43

Client: Persimmon Homes

Northing: 105272.72



Depth	Symbol	Description	Depth/Elev.	Sample	Depth	Remarks
0		Ground Surface	14		0	
		TOPSOIL				
		Grass over dark brown sandy clay with roots and rootlets. [TOPSOIL]	13.8			
		HEAD DEPOSITS				
		Brown sandy CLAY. [HEAD DEPOSITS]	13.5			
		HEAD DEPOSITS				
		Brown very gravelly sandy CLAY with high cobble content. Gravel is fine to coarse angular to sub-angular flint gravel. [HEAD DEPOSITS]				
1			12.8		1	
		End of Borehole				
2					2	
3					3	
4					4	

Logged By: LD

Excavation Method: Machine excavated

Date: 18.10.2021

Job No: ICE0007

Trial Pit No: TP07

Site: Sompting, West Sussex

Easting: 516657.49

Client: Persimmon Homes

Northing: 104691.39



Depth	Symbol	Description	Depth/Elev.	Sample	Depth	Remarks
0		Ground Surface	8.82		0	
		TOPSOIL Soft to firm dark brown sandy clay with rootlets and occasional flints. [TOPSOIL]	8.54			
		HEAD DEPOSITS Brown sandy CLAY. [HEAD DEPOSITS]	8.3			
1		HEAD DEPOSITS Orange brown clayey sandy GRAVEL. Gravel is fine to coarse flint and chert. [HEAD DEPOSITS]	7.62		1	
		End of Borehole				
2					2	
3					3	
4					4	

Logged By: LD

Excavation Method: Machine excavated

Date: 18.10.2021

Job No: ICE0007

Trial Pit No: TP08

Site: Sompting, West Sussex

Easting: 516650.87

Client: Persimmon Homes

Northing: 104585.33



Depth	Symbol	Description	Depth/Elev.	Sample	Depth	Remarks
0		Ground Surface	7.72		0	
		TOPSOIL Soft to firm dark brown sandy clay with rootlets and occasional flints. [TOPSOIL]	7.37			
		HEAD DEPOSITS Brown sandy CLAY. [HEAD DEPOSITS]	6.76			
1		HEAD DEPOSITS Brown orange brown very gravelly sandy CLAY. Gravel is fine to coarse angular to sub-angular flint gravel. [HEAD DEPOSITS]	6.42		1	
		End of Borehole				
2					2	
3					3	
4					4	

Logged By: LD

Excavation Method: Machine excavated

Date: 18.10.2021

Job No: ICE0007

Trial Pit No: TP10

Site: Sompting, West Sussex

Easting: 516536.29

Client: Persimmon Homes

Northing: 104603.13



Depth	Symbol	Description	Depth/Elev.	Sample	Depth	Remarks
0		Ground Surface	8.07		0	
		TOPSOIL Soft to firm dark brown sandy clay with rootlets and occasional flints. [TOPSOIL]	7.75			
		HEAD DEPOSITS Brown sandy CLAY with occasional roots. [HEAD DEPOSITS]	7.07			
1		HEAD DEPOSITS Brown orange brown very gravelly sandy CLAY. Gravel is fine to coarse angular to sub-angular flint gravel. [HEAD DEPOSITS]	6.57		1	
		End of Borehole				
2					2	
3					3	
4					4	

Logged By: LD

Excavation Method: Machine excavated

Date: 18.10.2021

Job No: ICE0007

Trial Pit No: TP09

Site: Sompting, West Sussex

Easting: 516617.12

Client: Persimmon Homes

Northing: 104412.24



Depth	Symbol	Description	Depth/Elev.	Sample	Depth	Remarks
0		Ground Surface	6.34		0	
		TOPSOIL Soft to firm dark brown sandy clay with rootlets and occasional flints. [TOPSOIL]	6.02			
		HEAD DEPOSITS Brown sandy CLAY. [HEAD DEPOSITS]	5.49			
1		HEAD DEPOSITS Brown orange brown very gravelly sandy CLAY. Gravel is fine to coarse angular to sub-angular flint gravel. [HEAD DEPOSITS]	5.14		1	
		End of Borehole				
2					2	
3					3	
4					4	

Logged By: LD

Excavation Method: Machine excavated

Date: 18.10.2021

Job No: ICE0007

Trial Pit No: TP11

Site: Sompting, West Sussex

Easting: 516497.99

Client: Persimmon Homes

Northing: 104412.07



Depth	Symbol	Description	Depth/Elev.	Sample	Depth	Remarks
0		Ground Surface	6.61		0	
		TOPSOIL Soft to firm dark brown sandy clay with rootlets and occasional flints. [TOPSOIL]	6.29			
		HEAD DEPOSITS Brown sandy CLAY. [HEAD DEPOSITS]	5.76			
1		HEAD DEPOSITS Brown orange brown very gravelly sandy CLAY. Gravel is fine to coarse angular to sub-angular flint gravel. [HEAD DEPOSITS]	4.86		1	
2		End of Borehole			2	
3					3	
4					4	

Logged By: LD

Excavation Method: Machine excavated

Date: 18.10.2021

Job No: ICE0007

Trial Pit No: TP12

Site: Sompting, West Sussex

Easting: 516425.61

Client: Persimmon Homes

Northing: 104698.11



Depth	Symbol	Description	Depth/Elev.	Sample	Depth	Remarks
0		Ground Surface	7.69		0	
		TOPSOIL Soft to firm dark brown sandy clay with rootlets and occasional flints. [TOPSOIL]	7.39			
		HEAD DEPOSITS Brown sandy CLAY. [HEAD DEPOSITS]	6.74			
1		HEAD DEPOSITS Brown orange brown very gravelly sandy CLAY. Gravel is fine to coarse angular to sub-angular flint gravel. [HEAD DEPOSITS]	6.14		1	
		End of Borehole				
2					2	
3					3	
4					4	

Logged By: LD

Excavation Method: Machine excavated

Date: 18.10.2021

Job No: ICE0007

Trial Pit No: TP13

Site: Sompting, West Sussex

Easting: 516390.04

Client: Persimmon Homes

Northing: 104617.08



Depth	Symbol	Description	Depth/Elev.	Sample	Depth	Remarks
0		Ground Surface	7.09		0	
		TOPSOIL				
		Soft to firm dark brown sandy clay with rootlets and occasional flints. [TOPSOIL]	6.84			
		HEAD DEPOSITS				
		Brown light brown gravelly sandy CLAY. Gravel is fine to coarse flint and chert gravel. [HEAD DEPOSITS]				
1			6.05		1	
		TARRANT CHALK MEMBER				
		Light brown cream very gravelly sandy CLAY with orange brown sandy clay partings. Gravel is fine to coarse flint gravel. Occasional chalk gravel. [TARRANT CHALK MEMBER]				
2			5.05		2	
		End of Borehole				
3					3	
4					4	

Logged By: LD

Excavation Method: Machine excavated

Date: 18.10.2021

Job No: ICE0007

Trial Pit No: TP14

Site: Sompting, West Sussex

Easting: 516350.28

Client: Persimmon Homes

Northing: 104774.31



Depth	Symbol	Description	Depth/Elev.	Sample	Depth	Remarks
0		Ground Surface	7.13		0	
		TOPSOIL Soft to firm dark brown sandy clay with rootlets and occasional flints. [TOPSOIL]	6.85			
		HEAD DEPOSITS Brown sandy CLAY. [HEAD DEPOSITS]				
1			6.08		1	
		End of Borehole				
2					2	
3					3	
4					4	

Logged By: LD

Excavation Method: Machine excavated

Date: 18.10.2021

Appendix B

BRE 365 Soakage Testing Results



IBEX
CONSULTING
ENGINEERS



Soakaway Test Results (after BRE Digest 365)

IBEX Consulting Engineers Limited
Abbey House, 25 Clarendon Road,
Redhill, Surrey, RH1 1QZ
+44(0)1737 452622 www.ibexconsultant.net

Project Name : Sompting, West Sussex, BN15 0DQ
Client : Persimmon Homes Thames Valley

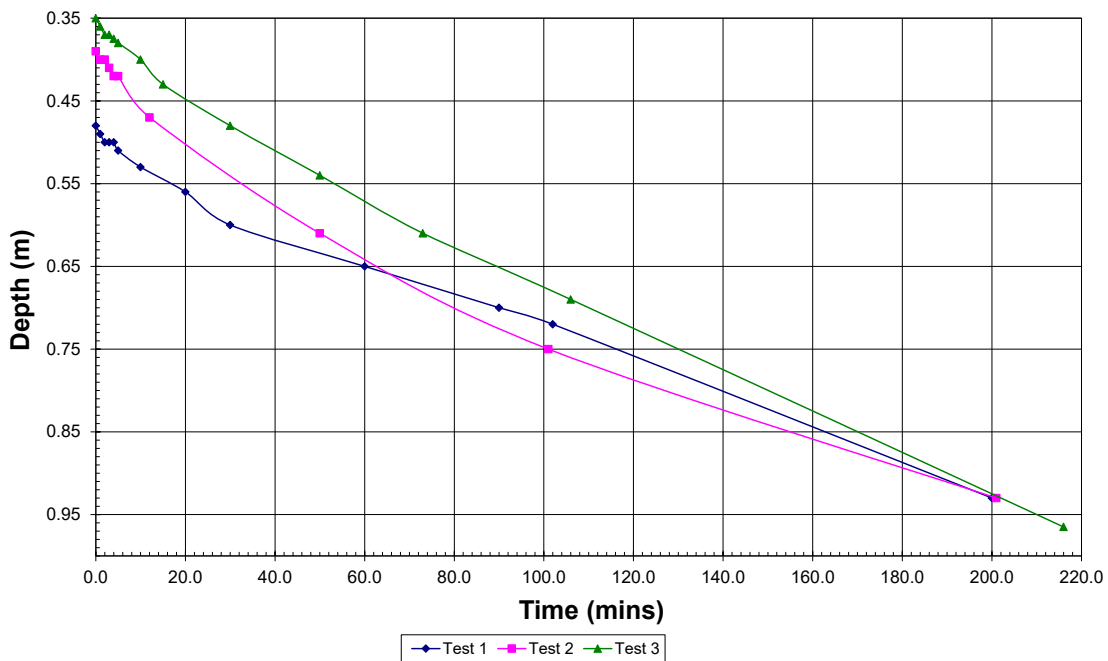
Job No. : ICE0007
Date : 22/10/2021

Pit reference	TP01
Pit depth (m)	1.46
Pit width (m)	0.33
Pit length (m)	1.75
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	0.48
1.0	0.49
2.0	0.50
3.0	0.50
4.0	0.50
5.0	0.51
10.0	0.53
20.0	0.56
30.0	0.60
60.0	0.65
90.0	0.70
102.0	0.72
200.0	0.93

Test 2	
Time (min)	Depth (m)
0.0	0.39
1.0	0.40
2.0	0.40
3.0	0.41
4.0	0.42
5.0	0.42
12.0	0.47
50.0	0.61
101.0	0.75
201.0	0.93

Test 3	
Time (min)	Depth (m)
0.0	0.35
1.0	0.36
2.0	0.37
3.0	0.37
4.0	0.38
5.0	0.38
10.0	0.40
15.0	0.43
30.0	0.48
50.0	0.54
73.0	0.61
106.0	0.69
216.0	0.97



Max. depth (m)	1.08	0.98	0.98
Effective depth (m)	0.60	0.59	0.63
75% effective depth (m)	0.63	0.54	0.51
50% effective depth (m)	0.78	0.69	0.67
25% effective depth (m)	0.93	0.83	0.82
t75 (min)	58.00	30.00	40.00
t50 (min)			
t25 (min)	200.00	143.00	158.00
Vp 75-25	0.17	0.17	0.18
ap 50	1.8255	1.8047	1.8879
tp 75-25	142.00	113.00	118.00

Soil infiltration rate (m/s)	1.1E-05	1.4E-05	1.4E-05
Soil infiltration rate (mm/hr)	4.01E+01	5.01E+01	4.90E+01

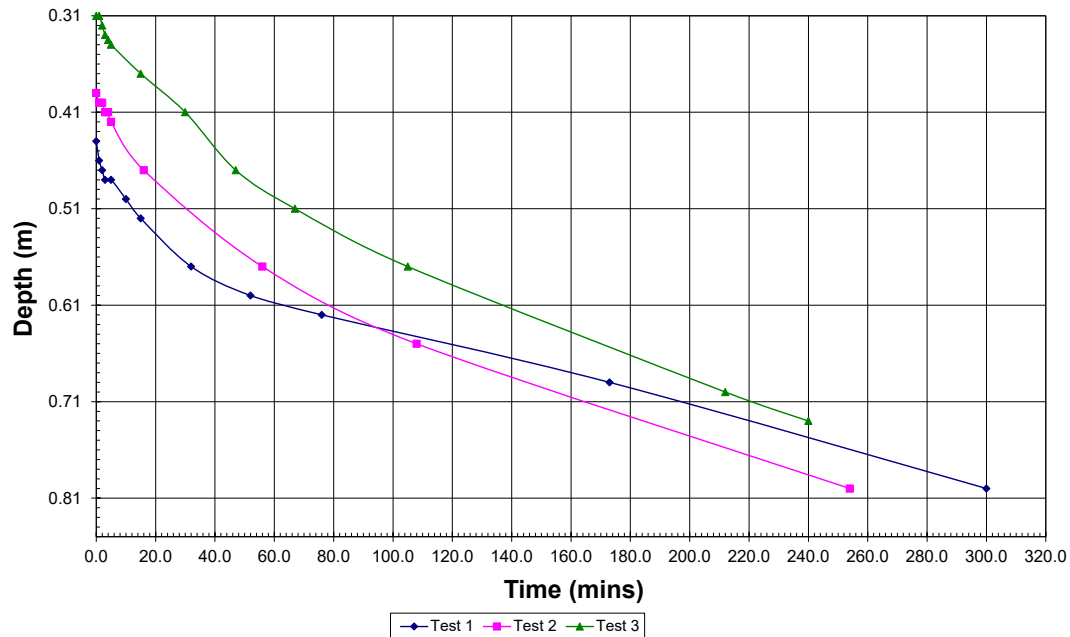
Notes:

- 1 Orange cells require input data
- 2 Infiltration calculated to method in 'BRE Digest 365 (1991) - Soakaway Design'
- 3 First line of table must be depth at time = 0

Project Name :	Sompting, West Sussex, BN15 0DQ
Client :	Persimmon Homes Thames Valley

Job No. :	ICE0007
Date :	22/10/2021

Pit reference	TP02
Pit depth (m)	1.10
Pit width (m)	0.30
Pit length (m)	1.71
Depth to standing water (m)	

[illegible][illegible][illegible]

Max. depth (m)	0.90	0.85	0.85
Effective depth (m)	0.46	0.46	0.54
75% effective depth (m)	0.56	0.51	0.45
50% effective depth (m)	0.67	0.62	0.58
25% effective depth (m)	0.79	0.74	0.72
t75 (min)	28.00	31.00	40.00
t50 (min)			
t25 (min)	288.00	194.00	230.00
Vp 75-25	0.12	0.12	0.14
ap 50	1.4376	1.4376	1.5984
tp 75-25	260.00	163.00	190.00

Soil infiltration rate (m/s)	5.3E-06	8.4E-06	7.6E-06
Soil infiltration rate (mm/hr)	1.89E+01	3.02E+01	2.74E+01

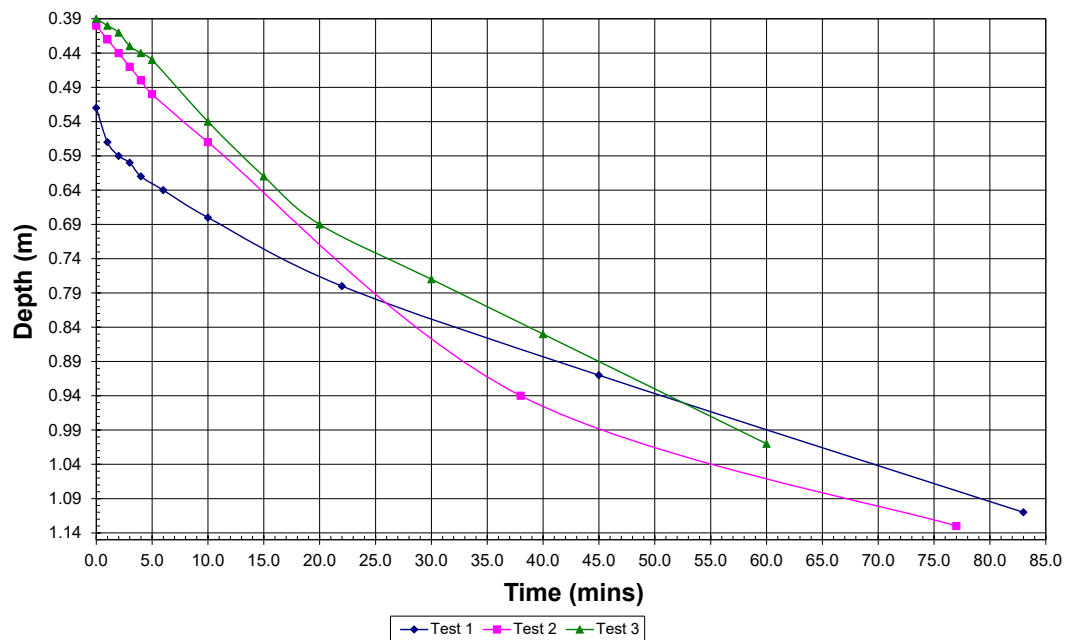
Notes:

- | | |
|---|--|
| 1 | Orange cells require input data |
| 2 | Infiltration calculated to method in 'BRE Digest 365 (1991) - Soakaway Design' |
| 3 | First line of table must be depth at time = 0 |

Project Name :	Sompting, West Sussex, BN15 0DQ
Client :	Persimmon Homes Thames Valley

Job No. :	ICE0007
Date :	22/10/2021

Pit reference	TP03
Pit depth (m)	1.43
Pit width (m)	0.33
Pit length (m)	1.70
Depth to standing water (m)	

[illegible][illegible][illegible]

Max. depth (m)	1.15	1.15	1.15
Effective depth (m)	0.63	0.75	0.76
75% effective depth (m)	0.68	0.59	0.58
50% effective depth (m)	0.84	0.78	0.77
25% effective depth (m)	0.99	0.96	0.96
t75 (min)	10.00	11.50	12.50
t50 (min)			
t25 (min)	60.00	40.50	54.00
Vp 75-25	0.18	0.21	0.21
ap 50	1.8399	2.0835	2.1038
tp 75-25	50.00	29.00	41.50

Soil infiltration rate (m/s)	3.2E-05	5.8E-05	4.1E-05
Soil infiltration rate (mm/hr)	1.15E+02	2.09E+02	1.47E+02

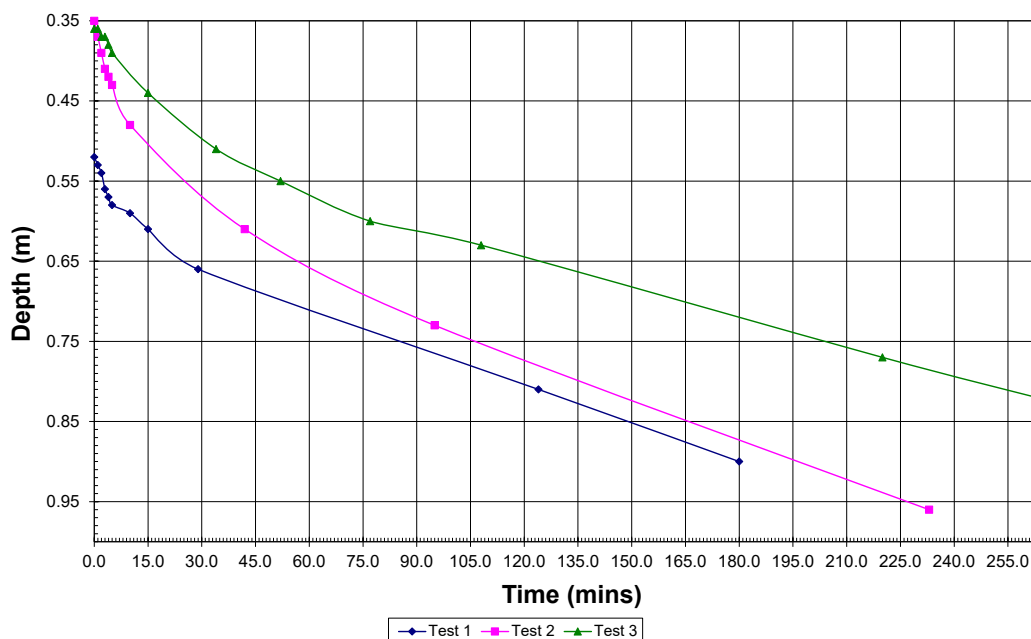
Notes:

- | | |
|---|--|
| 1 | Orange cells require input data |
| 2 | Infiltration calculated to method in 'BRE Digest 365 (1991) - Soakaway Design' |
| 3 | First line of table must be depth at time = 0 |

Project Name :	Sompting, West Sussex, BN15 0DQ
Client :	Persimmon Homes Thames Valley

Job No. :	ICE0007
Date :	22/10/2021

Pit reference	TP04
Pit depth (m)	1.05
Pit width (m)	0.30
Pit length (m)	1.70
Depth to standing water (m)	

[illegible][illegible][illegible]

Max. depth (m)	0.97	0.96	0.96
Effective depth (m)	0.45	0.61	0.60
75% effective depth (m)	0.63	0.50	0.51
50% effective depth (m)	0.75	0.66	0.66
25% effective depth (m)	0.86	0.81	0.81
t75 (min)	19.00	14.00	34.00
t50 (min)			
t25 (min)	155.00	142.00	255.00
Vp 75-25	0.11	0.16	0.15
ap 50	1.41	1.73	1.71
tp 75-25	136.00	128.00	221.00

Soil infiltration rate (m/s)	1.0E-05	1.2E-05	6.7E-06
Soil infiltration rate (mm/hr)	3.59E+01	4.21E+01	2.43E+01

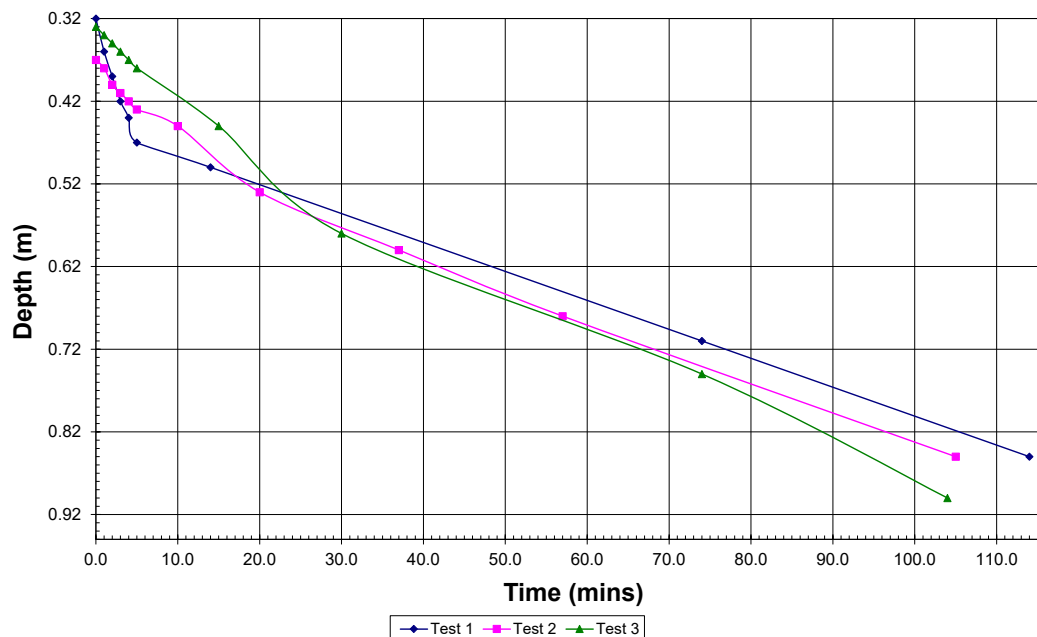
Notes:

- 1 Orange cells require input data
2 Infiltration calculated to method in 'BRE Digest 365 (1991) - Soakaway Design'
3 First line of table must be depth at time = 0

Project Name :	Sompting, West Sussex, BN15 0DQ
Client :	Persimmon Homes Thames Valley

Job No. :	ICE0007
Date :	22/10/2021

Pit reference	TP05
Pit depth (m)	1.00
Pit width (m)	0.30
Pit length (m)	1.72
Depth to standing water (m)	

[illegible][illegible][illegible]

Max. depth (m)	0.98	0.93	0.90
Effective depth (m)	0.66	0.56	0.57
75% effective depth (m)	0.49	0.51	0.47
50% effective depth (m)	0.65	0.65	0.62
25% effective depth (m)	0.82	0.79	0.76
t75 (min)	11.00	17.00	17.00
t50 (min)			
t25 (min)	105.00	88.00	76.50
Vp 75-25	0.17	0.14	0.15
ap 50	1.8492	1.6472	1.6674
tp 75-25	94.00	71.00	59.50

Soil infiltration rate (m/s)	1.6E-05	2.1E-05	2.5E-05
Soil infiltration rate (mm/hr)	5.88E+01	7.41E+01	8.89E+01

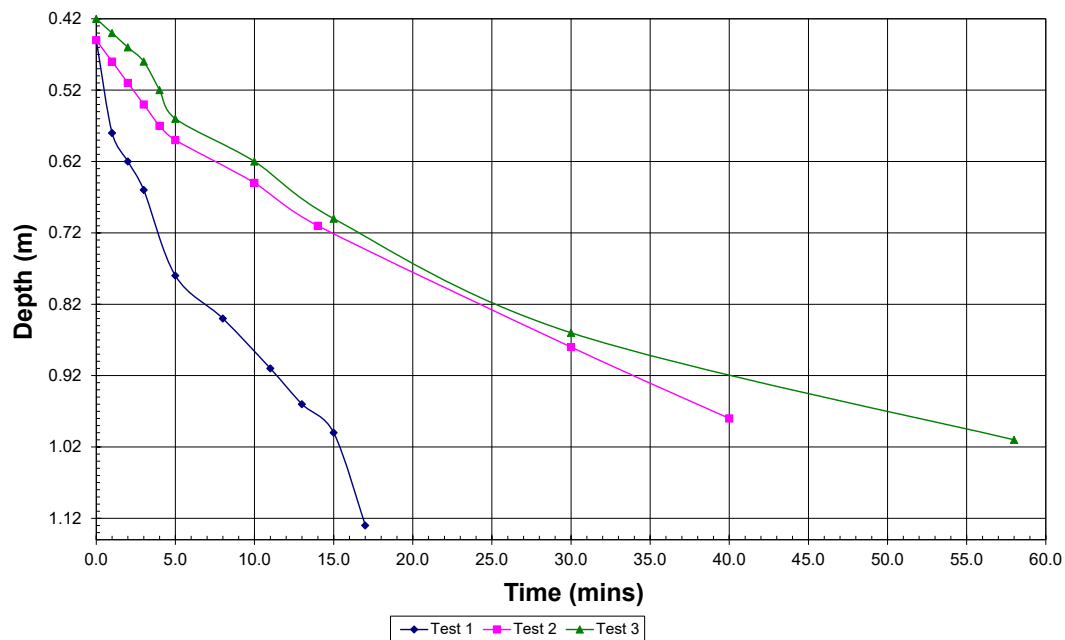
Notes:

- | | |
|---|--|
| 1 | Orange cells require input data |
| 2 | Infiltration calculated to method in 'BRE Digest 365 (1991) - Soakaway Design' |
| 3 | First line of table must be depth at time = 0 |

Project Name :	Sompting, West Sussex, BN15 0DQ
Client :	Persimmon Homes Thames Valley

Job No. :	ICE0007
Date :	22/10/2021

Pit reference	TP06
Pit depth (m)	1.15
Pit width (m)	0.33
Pit length (m)	1.50
Depth to standing water (m)	

[illegible][illegible][illegible]

Max. depth (m)	1.13	1.01	1.01
Effective depth (m)	0.68	0.56	0.59
75% effective depth (m)	0.62	0.59	0.57
50% effective depth (m)	0.79	0.73	0.72
25% effective depth (m)	0.96	0.87	0.86
t75 (min)	2.00	5.00	6.00
t50 (min)			
t25 (min)	13.00	29.00	30.00
Vp 75-25	0.17	0.14	0.15
ap 50	1.7394	1.5198	1.5747
tp 75-25	11.00	24.00	24.00

Soil infiltration rate (m/s)	1.5E-04	6.3E-05	6.4E-05
Soil infiltration rate (mm/hr)	5.28E+02	2.28E+02	2.32E+02

Notes:

- | | |
|---|--|
| 1 | Orange cells require input data |
| 2 | Infiltration calculated to method in 'BRE Digest 365 (1991) - Soakaway Design' |
| 3 | First line of table must be depth at time = 0 |



Soakaway Test Results (after BRE Digest 365)

IBEX Consulting Engineers Limited
Abbey House, 25 Clarendon Road,
Redhill, Surrey, RH1 1QZ
+44(0)1737 452622 www.ibexconsultant.net

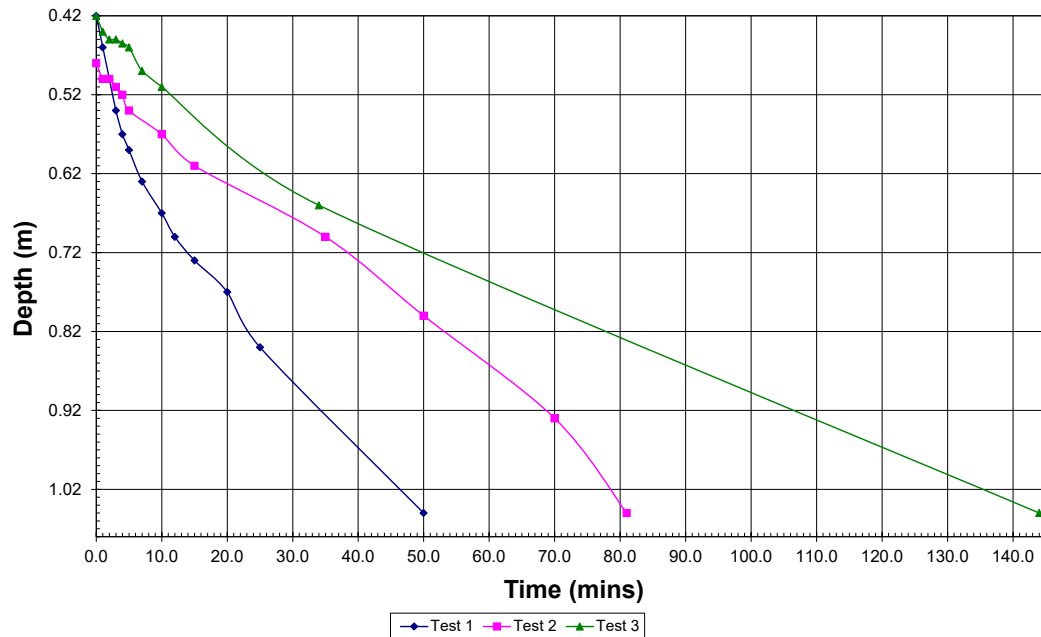
Project Name :	Sompting, West Sussex, BN15 0DQ	Job No. :	ICE0007
Client :	Persimmon Homes Thames Valley	Date :	22/10/2021

Pit reference	TP07
Pit depth (m)	1.20
Pit width (m)	0.30
Pit length (m)	1.66
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	0.42
1.0	0.46
2.0	0.50
3.0	0.54
4.0	0.57
5.0	0.59
7.0	0.63
10.0	0.67
12.0	0.70
15.0	0.73
20.0	0.77
25.0	0.84
50.0	1.05

Test 2	
Time (min)	Depth (m)
0.0	0.48
1.0	0.50
2.0	0.50
3.0	0.51
4.0	0.52
5.0	0.54
10.0	0.57
15.0	0.61
35.0	0.70
50.0	0.80
70.0	0.93
81.0	1.05

Test 3	
Time (min)	Depth (m)
0.0	0.42
1.0	0.44
2.0	0.45
3.0	0.45
4.0	0.46
5.0	0.46
7.0	0.49
10.0	0.51
34.0	0.66
144.0	1.05



Max. depth (m)	1.05	1.05	1.05
Effective depth (m)	0.63	0.57	0.63
75% effective depth (m)	0.58	0.62	0.58
50% effective depth (m)	0.74	0.77	0.74
25% effective depth (m)	0.89	0.91	0.89
t75 (min)	4.50	10.00	19.00
t50 (min)			
t25 (min)	31.00	67.50	98.00
Vp 75-25	0.16	0.14	0.16
ap 50	1.7328	1.6152	1.7328
tp 75-25	26.50	57.50	79.00

Soil infiltration rate (m/s)	5.7E-05	2.5E-05	1.9E-05
Soil infiltration rate (mm/hr)	2.05E+02	9.17E+01	6.88E+01

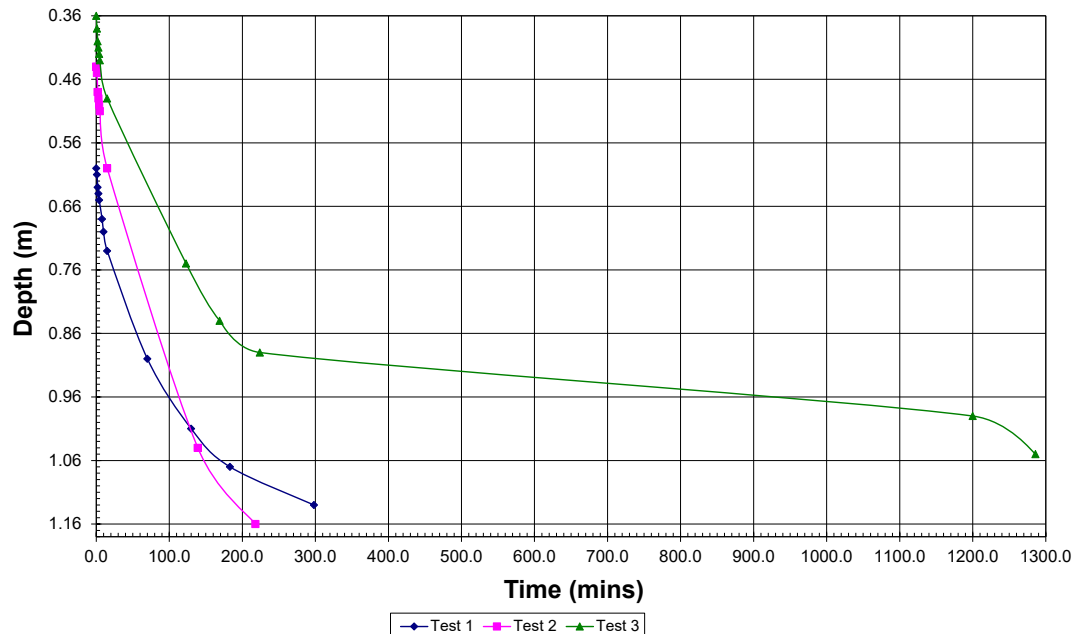
Notes:

- Orange cells require input data
- Infiltration calculated to method in 'BRE Digest 365 (1991) - Soakaway Design'
- First line of table must be depth at time = 0

Project Name :	Sompting, West Sussex, BN15 0DQ
Client :	Persimmon Homes Thames Valley

Job No. :	ICE0007
Date :	22/10/2021

Pit reference	TP08
Pit depth (m)	1.30
Pit width (m)	0.30
Pit length (m)	1.74
Depth to standing water (m)	

[illegible][illegible][illegible]

Max. depth (m)	1.30	1.28	1.25
Effective depth (m)	0.70	0.84	0.89
75% effective depth (m)	0.78	0.65	0.58
50% effective depth (m)	0.95	0.86	0.81
25% effective depth (m)	1.13	1.07	1.03
t75 (min)	30.00	28.00	50.00
t50 (min)			
t25 (min)	298.00	151.00	1270.00
Vp 75-25	0.18	0.22	0.23
ap 50	1.95	2.2356	2.3376
tp 75-25	268.00	123.00	1220.00

Soil infiltration rate (m/s)	5.8E-06	1.3E-05	1.4E-06
Soil infiltration rate (mm/hr)	2.10E+01	4.78E+01	4.89E+00

Notes:

- | | |
|---|--|
| 1 | Orange cells require input data |
| 2 | Infiltration calculated to method in 'BRE Digest 365 (1991) - Soakaway Design' |
| 3 | First line of table must be depth at time = 0 |

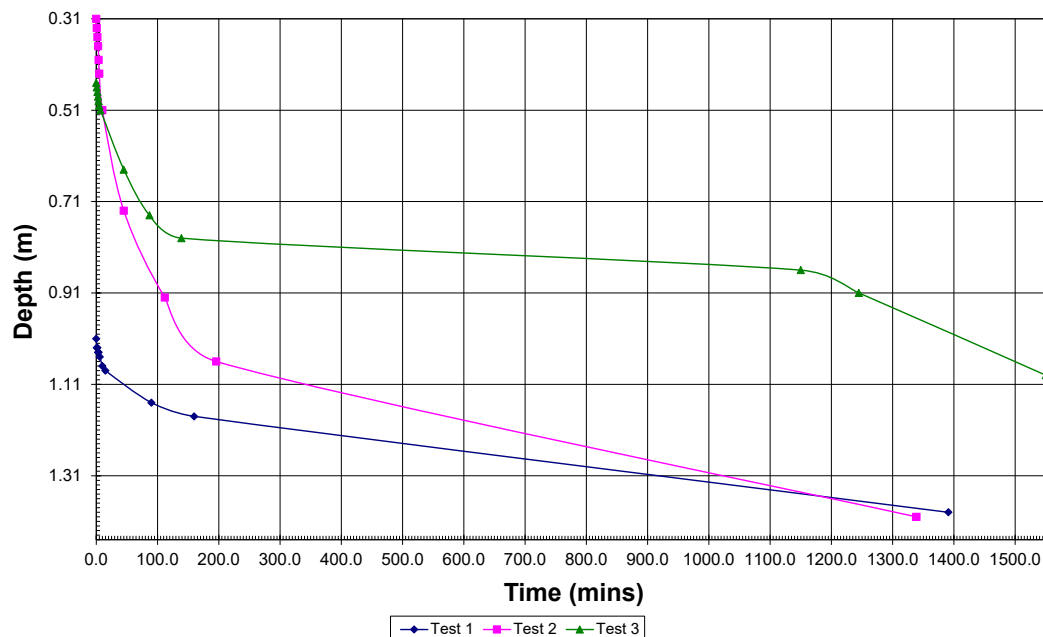
Project Name :	Sompting, West Sussex, BN15 0DQ
Client :	Persimmon Homes Thames Valley

Job No. :	ICE0007
Date :	22/10/2021

Pit reference	TP09
Pit depth (m)	1.75
Pit width (m)	0.30
Pit length (m)	1.80
Depth to standing water (m)	

[illegible][illegible]

Time (min)	Depth (m)
0.0	0.45
1.0	0.46
2.0	0.47
3.0	0.48
4.0	0.49
5.0	0.50
7.0	0.51
45.0	0.64
87.0	0.74
139.0	0.79
1150.0	0.86
1245.0	0.91
1550.0	1.09



Max. depth (m)	1.52	1.50	1.30
Effective depth (m)	0.51	1.19	0.85
75% effective depth (m)	1.14	0.61	0.66
50% effective depth (m)	1.27	0.91	0.88
25% effective depth (m)	1.39	1.20	1.09
t75 (min)	75.00	23.00	54.00
t50 (min)			
t25 (min)	1391.00	668.00	1550.00
Vp 75-25	0.14	0.32	0.23
ap 50	1.611	3.039	2.325
tp 75-25	1316.00	645.00	1496.00

Soil infiltration rate (m/s)	1.1E-06	2.7E-06	1.1E-06
Soil infiltration rate (mm/hr)	3.90E+00	9.83E+00	3.96E+00

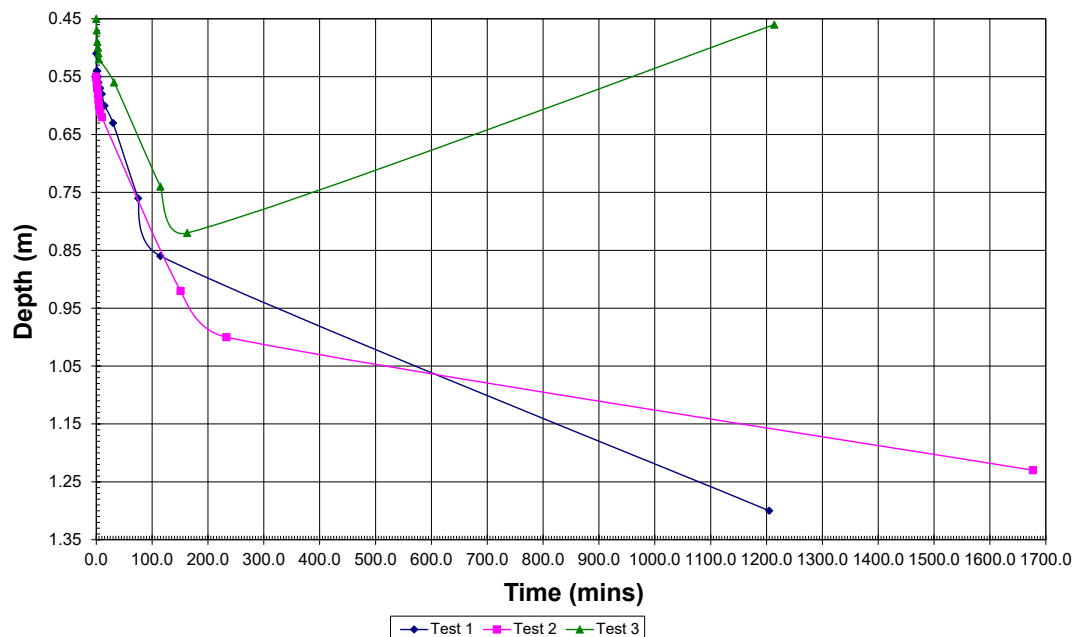
Notes:

- | | |
|---|--|
| 1 | Orange cells require input data |
| 2 | Infiltration calculated to method in 'BRE Digest 365 (1991) - Soakaway Design' |
| 3 | First line of table must be depth at time = 0 |

Project Name :	Sompting, West Sussex, BN15 0DQ
Client :	Persimmon Homes Thames Valley

Job No. :	ICE0007
Date :	22/10/2021

Pit reference	TP10
Pit depth (m)	1.50
Pit width (m)	0.30
Pit length (m)	1.96
Depth to standing water (m)	

[illegible][illegible][illegible]

Max. depth (m)	1.50	1.23	1.18
Effective depth (m)	0.99	0.68	0.73
75% effective depth (m)	0.76	0.72	0.63
50% effective depth (m)	1.01	0.89	0.82
25% effective depth (m)	1.25	1.06	1.00
t75 (min)	75.00	55.00	
t50 (min)			
t25 (min)	1085.00	585.00	
Vp 75-25	0.29	0.20	0.21
ap 50	2.8254	2.1248	2.2378
tp 75-25	1010.00	530.00	0.00

Soil infiltration rate (m/s)	1.7E-06	3.0E-06	#DIV/0!
Soil infiltration rate (mm/hr)	6.12E+00	1.07E+01	#DIV/0!

Notes:

1	Orange cells require input data
2	Infiltration calculated to method in 'BRE Digest 365 (1991) - Soakaway Design'
3	First line of table must be depth at time = 0



Soakaway Test Results (after BRE Digest 365)

IBEX Consulting Engineers Limited
Abbey House, 25 Clarendon Road,
Redhill, Surrey, RH1 1QZ
+44(0)1737 452622 www.ibexconsultant.net

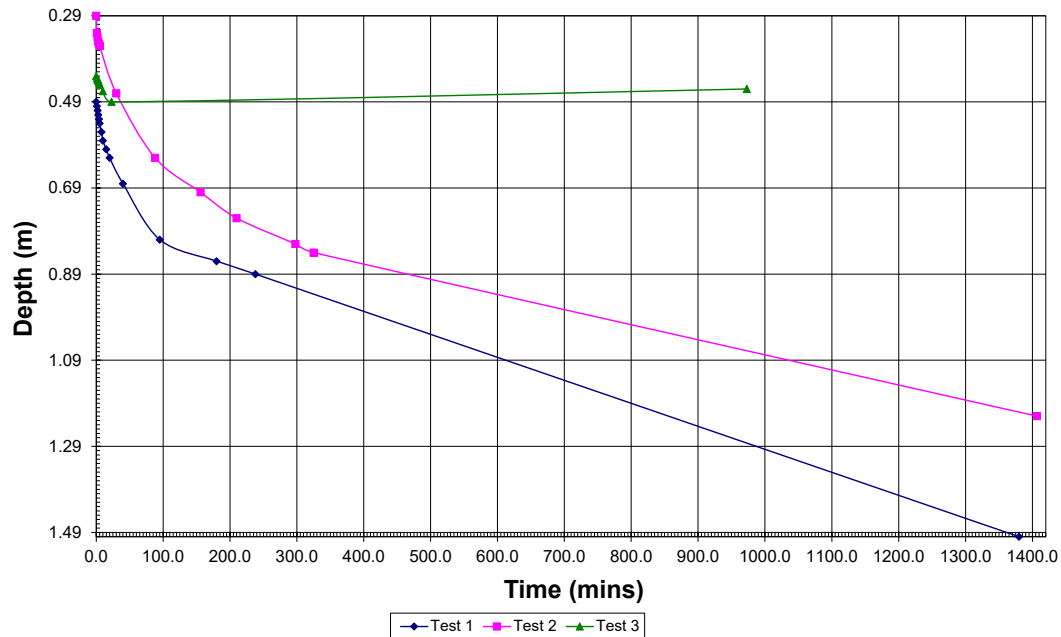
Project Name :	Sompting, West Sussex, BN15 0DQ	Job No. :	ICE0007
Client :	Persimmon Homes Thames Valley	Date :	22/10/2021

Pit reference	TP11
Pit depth (m)	1.75
Pit width (m)	0.30
Pit length (m)	1.61
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	0.49
1.0	0.50
2.0	0.51
3.0	0.52
4.0	0.53
5.0	0.54
8.0	0.56
10.0	0.58
15.0	0.60
20.0	0.62
40.0	0.68
95.0	0.81
180.0	0.86
238.0	0.89
1380.0	1.50

Test 2	
Time (min)	Depth (m)
0.0	0.29
1.0	0.33
2.0	0.34
3.0	0.35
4.0	0.36
5.0	0.36
30.0	0.47
88.0	0.62
156.0	0.70
210.0	0.76
298.0	0.82
325.0	0.84
1407.0	1.22

Test 3	
Time (min)	Depth (m)
0.0	0.43
1.0	0.44
2.0	0.44
3.0	0.44
4.0	0.45
5.0	0.45
10.0	0.47
23.0	0.49
973.0	0.46



Max. depth (m)	1.75	1.22	1.18
Effective depth (m)	1.26	0.93	0.75
75% effective depth (m)	0.81	0.52	0.62
50% effective depth (m)	1.12	0.76	0.81
25% effective depth (m)	1.44	0.99	0.99
t75 (min)	95.00	46.00	
t50 (min)			
t25 (min)	1265.00	755.00	
Vp 75-25	0.30	0.22	0.18
ap 50	2.8896	2.2593	1.9155
tp 75-25	1170.00	709.00	0.00

Soil infiltration rate (m/s)	1.5E-06	2.3E-06	#DIV/0!
Soil infiltration rate (mm/hr)	5.40E+00	8.41E+00	#DIV/0!

Notes:

- Orange cells require input data
- Infiltration calculated to method in 'BRE Digest 365 (1991) - Soakaway Design'
- First line of table must be depth at time = 0



Soakaway Test Results (after BRE Digest 365)

IBEX Consulting Engineers Limited
Abbey House, 25 Clarendon Road,
Redhill, Surrey, RH1 1QZ
+44(0)1737 452622 www.ibexconsultant.net

Project Name : Sompting, West Sussex, BN15 0DQ
Client : Persimmon Homes Thames Valley

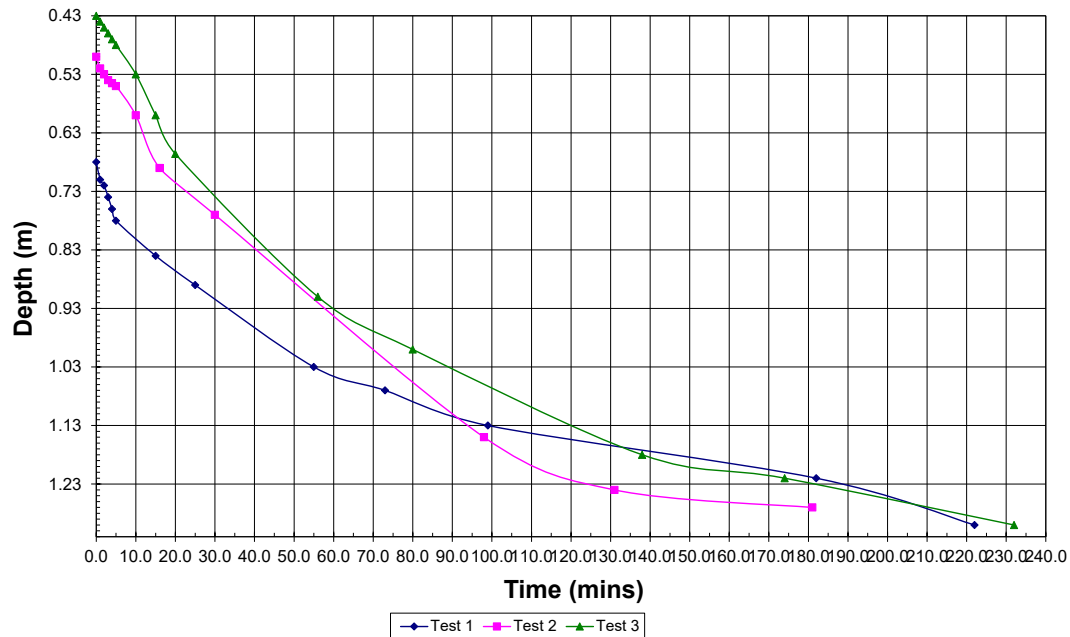
Job No. : ICE0007
Date : 22/10/2021

Pit reference	TP12
Pit depth (m)	1.55
Pit width (m)	0.30
Pit length (m)	1.90
Depth to standing water (m)	

Test 1	
Time (min)	Depth (m)
0.0	0.68
1.0	0.71
2.0	0.72
3.0	0.74
4.0	0.76
5.0	0.78
15.0	0.84
25.0	0.89
55.0	1.03
73.0	1.07
99.0	1.13
182.0	1.22
222.0	1.30

Test 2	
Time (min)	Depth (m)
0.0	0.50
1.0	0.52
2.0	0.53
3.0	0.54
4.0	0.55
5.0	0.55
10.0	0.60
16.0	0.69
30.0	0.77
98.0	1.15
131.0	1.24
181.0	1.27

Test 3	
Time (min)	Depth (m)
0.0	0.43
1.0	0.44
2.0	0.45
3.0	0.46
4.0	0.47
5.0	0.48
10.0	0.53
15.0	0.60
20.0	0.67
56.0	0.91
80.0	1.00
138.0	1.18
174.0	1.22
232.0	1.30

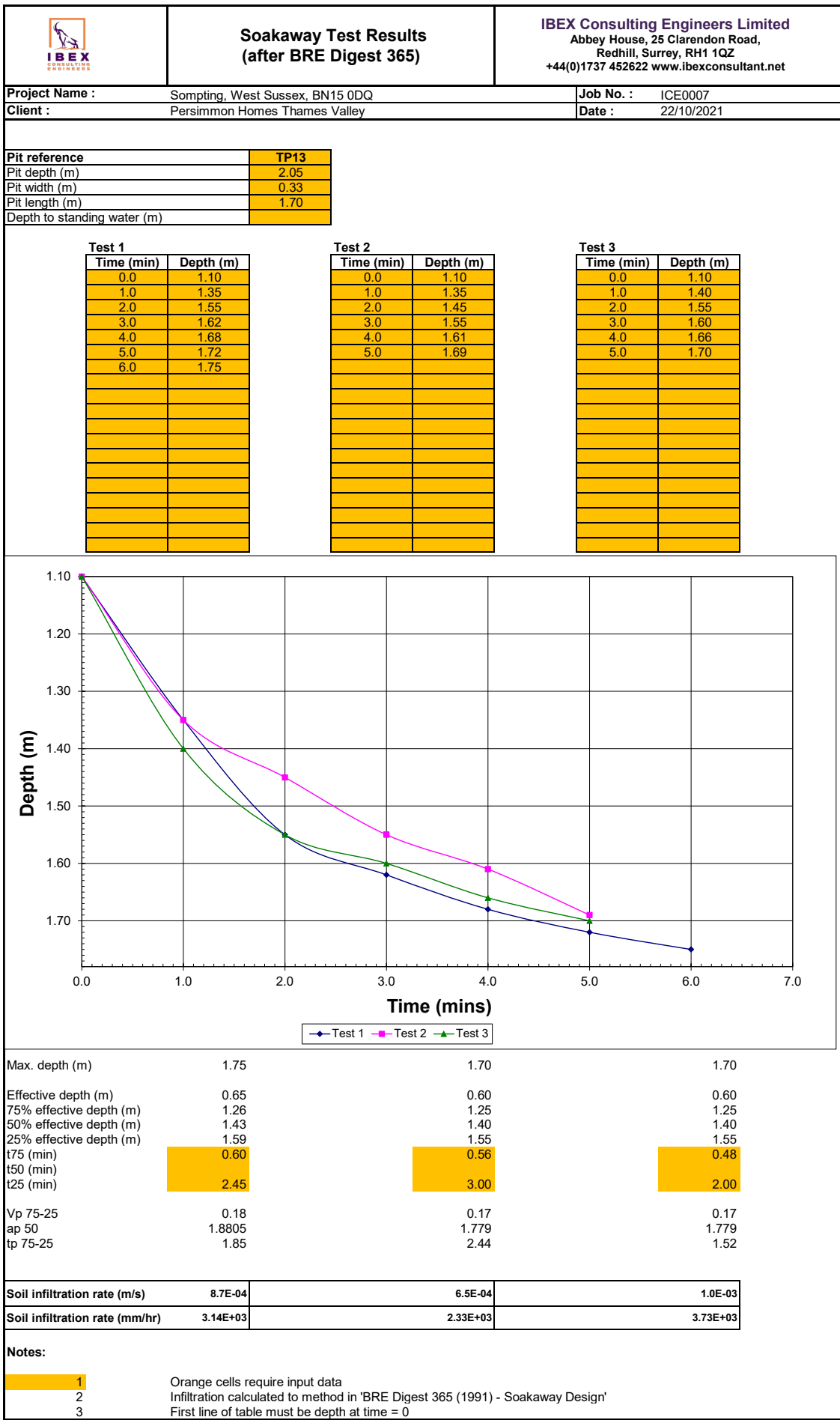


Max. depth (m)	1.38	1.30	1.30
Effective depth (m)	0.70	0.80	0.87
75% effective depth (m)	0.86	0.70	0.65
50% effective depth (m)	1.03	0.90	0.87
25% effective depth (m)	1.21	1.10	1.08
t75 (min)	19.00	16.80	18.00
t50 (min)			
t25 (min)	174.00	88.00	104.00
Vp 75-25	0.20	0.23	0.25
ap 50	2.11	2.33	2.484
tp 75-25	155.00	71.20	86.00

Soil infiltration rate (m/s)	1.0E-05	2.3E-05	1.9E-05
Soil infiltration rate (mm/hr)	3.66E+01	8.25E+01	6.96E+01

Notes:

- Orange cells require input data
- Infiltration calculated to method in 'BRE Digest 365 (1991) - Soakaway Design'
- First line of table must be depth at time = 0



		Soakaway Test Results (after BRE Digest 365)		IBEX Consulting Engineers Limited Abbey House, 25 Clarendon Road, Redhill, Surrey, RH1 1QZ +44(0)1737 452622 www.ibexconsultant.net	
Project Name :		Sompting, West Sussex, BN15 0DQ		Job No. : ICE0007	
Client :		Persimmon Homes Thames Valley		Date : 22/10/2021	
Pit reference		TP14			
Pit depth (m)		1.05			
Pit width (m)		0.30			
Pit length (m)		1.78			
Depth to standing water (m)					
Test 1		Test 2		Test 3	
Time (min)	Depth (m)	Time (min)	Depth (m)	Time (min)	Depth (m)
0.0	0.37	0.0	0.38	0.0	0.30
1.0	0.39	1.0	0.39	1.0	0.31
2.0	0.41	2.0	0.40	2.0	0.32
3.0	0.44	3.0	0.41	3.0	0.33
4.0	0.46	4.0	0.42	4.0	0.34
5.0	0.49	5.0	0.43	5.0	0.35
12.0	0.61	10.0	0.48	10.0	0.41
15.0	0.65	15.0	0.50	15.0	0.43
45.0	0.89	99.0	1.05	56.0	0.70
62.0	1.05			81.0	0.77
				137.0	0.96
			</		

Appendix C

GPS Coordinates of the Exploratory Holes



IBEX
CONSULTING
ENGINEERS

Midland Survey Limited
Cromwell House,
Westfield Road,
Southam
CV47 0JH

P: 01926 810811
F: 01926 810812
E: utilities@midlandsurvey.co.uk
W: www.MidlandSurvey.co.uk

Client Info: IBEX
Site: LOOSE LANE, SOMPTING, BN15 0DQ
Date: OCTOBER 2021
Job: U06750

ID	EASTINGS	NORTHINGS	LEVEL
TP01	516672.861	105497.577	18.269
TP02	516601.348	105475.153	18.767
TP03	516615.973	105394.697	15.455
TP04	516703.215	105393.476	15.382
TP05	516607.103	105274.961	13.458
TP06	516673.433	105272.72	13.983
TP07	516657.499	104691.394	8.816
TP08	516650.879	104585.337	7.719
TP09	516617.127	104412.241	6.336
TP10	516536.293	104603.13	8.075
TP11	516497.994	104412.078	6.612
TP12	516425.61	104698.117	7.689
TP13	516390.046	104617.088	7.095
TP14	516350.284	104774.311	7.134
WS01	516686.444	105497.387	18.211
WS02	516609.488	105488.178	19.149
WS03	516597.951	105394.524	15.603
WS04	516684.432	105393.807	15.266
WS05	516575.067	105276.431	13.16
WS06	516689.61	105271.608	14.113
WS07	516663.647	104690.577	8.768
WS08	516646.654	104586.117	7.765
WS09	516612.825	104411.989	6.472
WS10	516543.373	104602.304	8.116
WS11	516503.068	104411.342	6.67
WS12	516435.67	104695.396	7.685
WS13	516409.551	104611.931	6.905
WS14	516366.007	104769.144	7.315

04/04/2022

Our ref: ICE0007/LD03/220404

Christian O'Brien
Senior Technical Manager
Persimmon Homes Thames Valley
Persimmon House
Knoll Road
Camberley
Surrey
GU15 3TQ



By email only

Dear Christian,

RE: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ – Groundwater and Ground Gas Monitoring Results

Please find attached results of the winter monitoring for groundwater and ground gas for the site above.

No exceedances were recorded for CH₄ and CO₂ as well as positive borehole flows and VOCs during the site visits, therefore no remedial measures are considered necessary in terms of ground gas.

Closure

We trust that we have interpreted your instructions correctly; please do not hesitate to contact us should you have any queries.

Yours sincerely

For and on Behalf of Ibex Consulting Engineers Limited

A handwritten signature in black ink, appearing to be 'LD' with a stylized flourish.

**Levent Dogan BSc, MSc, PGDip, CEng MCIHT, AMICE
Director**

ld@ibexconsultant.com

Enc.	Figure 1	Site Location Plan
	Figure 2	Exploratory Hole Logs Location Plan
	Appendix A	Groundwater and Ground Gas Monitoring Results

IBEX Consulting Engineers Limited

Abbey House, 25 Clarendon Road, Redhill, Surrey, RH1 1QZ

T: 01737 452622 (ext.2622) www.ibexconsultant.com

E: info@ibexconsultant.com

Geotechnical and Environmental Specialists | Site Investigations

IBEX Consulting Engineers Limited registered in England and Wales under the company registration number: 13585544

Figures





Project:	Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ		
Client:	Persimmon Homes Thames Valley		
Ref No:	ICE0007	Revision:	0
Drawn:	LD	Date:	22/10/2021
Figure:	1	Scale:	Not To Scale

Title Site Location Plan

IBEX Consulting Engineers Limited

Abbey House, 25 Clarendon Road

Redhill, Surrey. RH1 1QZ

+44(0)1737 452622 www.ibexconsultant.com





Project:	Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ			Title	Exploratory Hole Logs Location Plan	
Client:	Persimmon Homes Thames Valley			IBEX Consulting Engineers Limited Abbey House, 25 Clarendon Road Redhill, Surrey. RH1 1QZ +44(0)1737 452622 www.ibexconsultant.com 		
Ref No:	ICE0007	Revision:	0			
Drawn:	LD	Date:	22/10/2021			
Figure:	2	Scale:	Not To Scale			

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS01	27.10.2021	0							Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	27.10.2021	10				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	27.10.2021	20				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	27.10.2021	30				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	27.10.2021	60				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	27.10.2021	90				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	27.10.2021	120				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	27.10.2021	180				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27.10.2021	0							Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27.10.2021	10				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27.10.2021	20				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27.10.2021	30				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27.10.2021	60				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27.10.2021	90				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27.10.2021	120				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27.10.2021	180				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27.10.2021	0							Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27.10.2021	10				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27.10.2021	20				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27.10.2021	30				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27.10.2021	60				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27.10.2021	90				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27.10.2021	120				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27.10.2021	180				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	27.10.2021	0							Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	27.10.2021	10				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	27.10.2021	20				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	27.10.2021	30				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	27.10.2021	60				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	27.10.2021	90				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	27.10.2021	120				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	27.10.2021	180				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27.10.2021	0							Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27.10.2021	10				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27.10.2021	20				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27.10.2021	30				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27.10.2021	60				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27.10.2021	90				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27.10.2021	120				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27.10.2021	180				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	27.10.2021	0							Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	27.10.2021	10				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	27.10.2021	20				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	27.10.2021	30				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	27.10.2021	60				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	27.10.2021	90				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Appendix A

Groundwater and Ground Gas Monitoring Results



IBEX
CONSULTING
ENGINEERS

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS12	27.10.2021	60				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	27.10.2021	90				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	27.10.2021	120				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	27.10.2021	180				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	27.10.2021	0				-	-	-	4.88	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	27.10.2021	10				-	-	-	4.88	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	27.10.2021	20				-	-	-	4.88	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	27.10.2021	30				-	-	-	4.88	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	27.10.2021	60				-	-	-	4.88	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	27.10.2021	90				-	-	-	4.88	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	27.10.2021	120				-	-	-	4.88	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	27.10.2021	180				-	-	-	4.88	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	27.10.2021	0				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	27.10.2021	10				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	27.10.2021	20				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	27.10.2021	30				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	27.10.2021	60				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	27.10.2021	90				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	27.10.2021	120				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	27.10.2021	180				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.11.2021	0	0.0	2.5	19.8	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.11.2021	10	0.0	2.6	18.0	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.11.2021	20	0.0	2.7	17.0	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.11.2021	30	0.0	2.8	15.6	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.11.2021	60	0.0	2.8	15.3	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.11.2021	90	0.0	2.9	15.2	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.11.2021	120	0.0	2.9	15.1	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.11.2021	180	0.0	2.9	15.1	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.11.2021	0	0.0	2.1	16.8	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.11.2021	10	0.0	2.0	16.8	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.11.2021	20	0.0	2.0	16.9	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.11.2021	30	0.0	2.0	16.9	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.11.2021	60	0.0	2.0	16.8	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.11.2021	90	0.0	2.0	16.7	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.11.2021	120	0.0	2.0	16.7	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.11.2021	180	0.0	2.0	16.7	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.11.2021	0	0.0	3.8	17.3	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.11.2021	10	0.0	4.1	16.0	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.11.2021	20	0.0	4.1	15.0	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.11.2021	30	0.0	4.1	13.3	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.11.2021	60	0.0	4.1	13.1	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.11.2021	90	0.0	4.1	13.1	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.11.2021	120	0.0	4.1	13.0	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.11.2021	180	0.0	4.1	13.0	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.11.2021	0	0.0	3.7	15.0	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.11.2021	10	0.0	3.7	14.5	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS06	27.10.2021	120				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	27.10.2021	180				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	27.10.2021	0				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	27.10.2021	10				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	27.10.2021	20				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	27.10.2021	30				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	27.10.2021	60				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	27.10.2021	90				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	27.10.2021	120				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	27.10.2021	180				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27.10.2021	0				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27.10.2021	10				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27.10.2021	20				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27.10.2021	30				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27.10.2021	60				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27.10.2021	90				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27.10.2021	120				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27.10.2021	180				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27.10.2021	0				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27.10.2021	10				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27.10.2021	20				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27.10.2021	30				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27.10.2021	60				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27.10.2021	90				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27.10.2021	120				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27.10.2021	180				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27.10.2021	0				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27.10.2021	10				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27.10.2021	20				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27.10.2021	30				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27.10.2021	60				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27.10.2021	90				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27.10.2021	120				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27.10.2021	180				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27.10.2021	0				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27.10.2021	10				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27.10.2021	20				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27.10.2021	30				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27.10.2021	60				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27.10.2021	90				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27.10.2021	120				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27.10.2021	180				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	27.10.2021	0				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	27.10.2021	10				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	27.10.2021	20				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	27.10.2021	30				-	-	-	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS11	15.11.2021	20	0.0	3.8	13.8	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.11.2021	30	0.0	3.8	13.2	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.11.2021	60	0.0	3.9	13.0	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.11.2021	90	0.0	3.9	13.0	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.11.2021	120	0.0	3.9	12.9	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.11.2021	180	0.0	3.9	12.8	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.11.2021	0	0.0	3.5	14.5	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.11.2021	10	0.0	2.9	14.7	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.11.2021	20	0.0	2.9	14.9	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.11.2021	30	0.0	2.9	15.1	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.11.2021	60	0.0	2.9	15.0	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.11.2021	90	0.0	2.9	14.8	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.11.2021	120	0.0	2.9	14.8	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.11.2021	180	0.0	2.9	14.8	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.11.2021	0	0.0	2.8	16.6	0.0	0.0	1021	4.76	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.11.2021	10	0.0	2.9	16.6	0.0	0.0	1021	4.76	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.11.2021	20	0.0	2.9	16.7	0.0	0.0	1021	4.76	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.11.2021	30	0.0	2.9	16.7	0.0	0.0	1021	4.76	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.11.2021	60	0.0	2.9	16.6	0.0	0.0	1021	4.76	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.11.2021	90	0.0	2.9	16.5	0.0	0.0	1021	4.76	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.11.2021	120	0.0	2.9	16.5	0.0	0.0	1021	4.76	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.11.2021	180	0.0	2.9	16.4	0.0	0.0	1021	4.76	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.11.2021	0	0.0	2.0	16.6	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.11.2021	10	0.0	1.7	17.0	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.11.2021	20	0.0	1.7	17.6	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.11.2021	30	0.0	1.7	18.3	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.11.2021	60	0.0	1.7	18.2	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.11.2021	90	0.0	1.7	18.2	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.11.2021	120	0.0	1.7	18.2	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.11.2021	180	0.0	1.7	18.2	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.11.2021	0	0.0	1.9	18.5	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.11.2021	10	0.0	2.0	17.5	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.11.2021	20	0.0	2.1	17.0	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.11.2021	30	0.0	2.3	16.5	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.11.2021	60	0.0	2.4	16.2	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.11.2021	90	0.0	2.4	16.1	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.11.2021	120	0.0	2.4	16.0	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.11.2021	180	0.0	2.5	16.0	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.11.2021	0	0.0	2.3	17.3	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.11.2021	10	0.0	2.3	17.5	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.11.2021	20	0.0	2.3	17.8	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.11.2021	30	0.0	2.3	18.2	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.11.2021	60	0.0	2.3	18.1	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.11.2021	90	0.0	2.3	18.1	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.11.2021	120	0.0	2.3	18.1	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.11.2021	180	0.0	2.3	18.1	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS06	15.11.2021	0	0.0	0.1	20.2	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.11.2021	10	0.0	0.0	20.3	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.11.2021	20	0.0	0.0	20.3	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.11.2021	30	0.0	0.0	20.4	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.11.2021	60	0.0	0.0	20.3	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.11.2021	90	0.0	0.0	20.3	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.11.2021	120	0.0	0.0	20.3	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.11.2021	180	0.0	0.0	20.3	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.11.2021	0	0.0	1.2	20.4	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.11.2021	10	0.0	1.6	20.0	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.11.2021	20	0.0	1.6	19.5	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.11.2021	30	0.0	1.6	18.9	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.11.2021	60	0.0	1.6	18.7	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.11.2021	90	0.0	1.6	18.7	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.11.2021	120	0.0	1.6	18.6	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.11.2021	180	0.0	1.6	18.6	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.11.2021	0	0.0	0.8	19.8	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.11.2021	10	0.0	0.6	19.8	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.11.2021	20	0.0	0.4	19.8	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.11.2021	30	0.0	0.4	19.8	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.11.2021	60	0.0	0.4	19.9	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.11.2021	90	0.0	0.4	19.9	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.11.2021	120	0.0	0.3	20.1	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.11.2021	180	0.0	0.3	20.1	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.11.2021	0	0.0	2.1	19.9	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.11.2021	10	0.0	2.2	19.3	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.11.2021	20	0.0	2.2	18.6	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.11.2021	30	0.0	2.2	18.0	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.11.2021	60	0.0	2.2	17.7	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.11.2021	90	0.0	2.2	17.7	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.11.2021	120	0.0	2.3	17.6	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.11.2021	180	0.0	2.3	17.6	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.11.2021	0	0.0	1.3	20.3	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.11.2021	10	0.0	1.3	19.6	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.11.2021	20	0.0	1.3	19.2	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.11.2021	30	0.0	1.3	18.9	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.11.2021	60	0.0	1.3	18.8	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.11.2021	90	0.0	1.4	18.6	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.11.2021	120	0.0	1.5	18.6	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.11.2021	180	0.0	1.6	18.4	0.0	0.0	1021	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	30.11.2021	0	0.0	1.3	20.1	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	30.11.2021	10	0.0	1.6	19.6	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	30.11.2021	20	0.0	1.9	19.1	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	30.11.2021	30	0.0	2.3	18.2	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	30.11.2021	60	0.0	2.4	18.0	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	30.11.2021	90	0.0	2.4	17.9	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS07	30.11.2021	120	0.0	2.4	17.9	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	30.11.2021	180	0.0	2.4	17.9	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.11.2021	0	0.0	2.0	18.9	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.11.2021	10	0.0	1.8	18.9	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.11.2021	20	0.0	1.8	18.9	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.11.2021	30	0.0	1.8	19.0	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.11.2021	60	0.0	1.8	18.9	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.11.2021	90	0.0	1.8	18.9	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.11.2021	120	0.0	1.8	18.9	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.11.2021	180	0.0	1.8	18.8	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.11.2021	0	0.0	3.3	17.5	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.11.2021	10	0.0	3.4	17.0	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.11.2021	20	0.0	3.5	16.0	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.11.2021	30	0.0	3.7	15.6	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.11.2021	60	0.0	3.8	15.4	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.11.2021	90	0.0	3.8	15.3	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.11.2021	120	0.0	3.8	15.3	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.11.2021	180	0.0	3.8	15.3	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.11.2021	0	0.0	3.5	16.9	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.11.2021	10	0.0	3.4	16.5	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.11.2021	20	0.0	3.4	16.2	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.11.2021	30	0.0	3.4	15.7	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.11.2021	60	0.0	3.4	15.5	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.11.2021	90	0.0	3.4	15.5	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.11.2021	120	0.0	3.5	15.5	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.11.2021	180	0.0	3.5	15.5	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	30.11.2021	0	0.0	2.6	17.1	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	30.11.2021	10	0.0	2.5	17.0	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	30.11.2021	20	0.0	2.5	17.0	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	30.11.2021	30	0.0	2.5	16.9	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	30.11.2021	60	0.0	2.5	16.9	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	30.11.2021	90	0.0	2.5	16.9	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	30.11.2021	120	0.0	2.5	16.9	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	30.11.2021	180	0.0	2.5	16.8	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.11.2021	0	0.0	1.7	18.4	0.0	0.0	1009	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.11.2021	10	0.0	1.4	18.6	0.0	0.0	1009	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.11.2021	20	0.0	1.4	18.8	0.0	0.0	1009	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.11.2021	30	0.0	1.4	19.0	0.0	0.0	1009	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.11.2021	60	0.0	1.4	18.8	0.0	0.0	1009	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.11.2021	90	0.0	1.5	18.7	0.0	0.0	1009	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.11.2021	120	0.0	1.5	18.7	0.0	0.0	1009	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.11.2021	180	0.0	1.5	18.7	0.0	0.0	1009	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	30.11.2021	0	0.0	1.4	19.0	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	30.11.2021	10	0.0	1.3	19.0	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	30.11.2021	20	0.0	1.3	19.1	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	30.11.2021	30	0.0	1.3	19.2	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS12	30.11.2021	60	0.0	1.3	19.1	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	30.11.2021	90	0.0	1.3	19.1	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	30.11.2021	120	0.0	1.4	19.0	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	30.11.2021	180	0.0	1.4	19.0	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.11.2021	0	0.0	1.6	19.7	0.0	0.0	1009	4.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.11.2021	10	0.0	1.7	19.0	0.0	0.0	1009	4.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.11.2021	20	0.0	1.8	18.5	0.0	0.0	1009	4.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.11.2021	30	0.0	1.9	17.7	0.0	0.0	1009	4.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.11.2021	60	0.0	1.9	17.5	0.0	0.0	1009	4.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.11.2021	90	0.0	2.0	17.4	0.0	0.0	1009	4.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.11.2021	120	0.0	2.0	17.4	0.0	0.0	1009	4.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.11.2021	180	0.0	2.0	17.3	0.0	0.0	1009	4.80	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.11.2021	0	0.0	2.0	18.8	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.11.2021	10	0.0	2.1	18.7	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.11.2021	20	0.0	2.1	18.7	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.11.2021	30	0.0	2.1	18.7	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.11.2021	60	0.0	2.1	18.6	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.11.2021	90	0.0	2.1	18.6	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.11.2021	120	0.0	2.1	18.6	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.11.2021	180	0.0	2.1	18.6	0.0	0.0	1009	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	30.11.2021	0	0.0	0.6	19.8	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	30.11.2021	10	0.0	0.1	20.3	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	30.11.2021	20	0.0	0.2	20.0	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	30.11.2021	30	0.0	0.2	20.0	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	30.11.2021	60	0.0	0.2	20.0	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	30.11.2021	90	0.0	0.2	20.0	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	30.11.2021	120	0.0	0.2	20.0	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	30.11.2021	180	0.0	0.2	20.0	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.11.2021	0	0.0	0.2	19.4	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.11.2021	10	0.0	0.4	19.5	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.11.2021	20	0.0	0.6	19.6	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.11.2021	30	0.0	0.9	19.6	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.11.2021	60	0.0	0.8	19.7	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.11.2021	90	0.0	0.7	19.8	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.11.2021	120	0.0	0.6	19.9	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.11.2021	180	0.0	0.4	19.9	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.11.2021	0	0.0	0.8	20.5	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.11.2021	10	0.0	1.0	20.0	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.11.2021	20	0.0	1.2	19.7	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.11.2021	30	0.0	1.5	19.2	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.11.2021	60	0.0	1.7	18.8	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.11.2021	90	0.0	1.7	18.8	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.11.2021	120	0.0	1.7	18.8	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.11.2021	180	0.0	1.7	18.8	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	30.11.2021	0	0.0	2.0	19.3	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	30.11.2021	10	0.0	2.0	19.0	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS01	30.11.2021	20	0.0	2.0	18.7	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	30.11.2021	30	0.0	2.1	18.5	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	30.11.2021	60	0.0	2.2	18.3	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	30.11.2021	90	0.0	2.2	18.2	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	30.11.2021	120	0.0	2.2	18.2	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	30.11.2021	180	0.0	2.2	18.2	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.11.2021	0	0.0	2.0	19.3	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.11.2021	10	0.0	2.1	19.0	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.11.2021	20	0.0	2.2	18.8	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.11.2021	30	0.0	2.2	18.5	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.11.2021	60	0.0	2.2	18.3	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.11.2021	90	0.0	2.2	18.2	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.11.2021	120	0.0	2.2	18.2	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.11.2021	180	0.0	2.2	18.2	0.0	0.0	1008	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.12.2021	0	0.0	0.8	19.2	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.12.2021	10	0.0	1.2	18.8	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.12.2021	20	0.0	1.6	18.2	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.12.2021	30	0.0	1.9	17.6	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.12.2021	60	0.0	1.9	17.5	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.12.2021	90	0.0	2.0	17.4	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.12.2021	120	0.0	2.0	17.4	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.12.2021	180	0.0	2.0	17.3	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.12.2021	0	0.0	2.0	17.5	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.12.2021	10	0.0	1.4	17.6	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.12.2021	20	0.0	1.4	17.7	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.12.2021	30	0.0	1.4	17.9	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.12.2021	60	0.0	1.4	17.9	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.12.2021	90	0.0	1.4	17.8	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.12.2021	120	0.0	1.4	17.8	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.12.2021	180	0.0	1.4	17.8	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.12.2021	0	0.0	1.3	17.9	0.0	0.0	1030	4.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.12.2021	10	0.0	1.8	16.9	0.0	0.0	1030	4.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.12.2021	20	0.0	2.5	15.8	0.0	0.0	1030	4.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.12.2021	30	0.0	3.3	14.6	0.0	0.0	1030	4.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.12.2021	60	0.0	3.4	14.4	0.0	0.0	1030	4.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.12.2021	90	0.0	3.4	14.3	0.0	0.0	1030	4.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.12.2021	120	0.0	3.4	14.3	0.0	0.0	1030	4.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.12.2021	180	0.0	3.4	14.3	0.0	0.0	1030	4.92	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.12.2021	0	0.0	3.1	15.1	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.12.2021	10	0.0	3.0	15.0	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.12.2021	20	0.0	3.0	14.9	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.12.2021	30	0.0	3.0	14.8	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.12.2021	60	0.0	3.1	14.7	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.12.2021	90	0.0	3.1	14.7	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.12.2021	120	0.0	3.1	14.7	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.12.2021	180	0.0	3.1	14.7	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS06	15.12.2021	120	0.0	0.0	20.4	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.12.2021	180	0.0	0.0	20.4	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.12.2021	0	0.0	0.0	20.3	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.12.2021	10	0.0	0.0	20.2	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.12.2021	20	0.0	0.0	20.2	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.12.2021	30	0.0	0.0	20.2	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.12.2021	60	0.0	0.0	20.2	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.12.2021	90	0.0	0.0	20.3	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.12.2021	120	0.0	0.0	20.3	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.12.2021	180	0.0	0.0	20.3	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.12.2021	0	0.0	0.4	20.2	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.12.2021	10	0.0	1.4	20.0	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.12.2021	20	0.0	1.4	19.5	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.12.2021	30	0.0	1.4	18.8	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.12.2021	60	0.0	1.4	18.7	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.12.2021	90	0.0	1.4	18.7	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.12.2021	120	0.0	1.4	18.7	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.12.2021	180	0.0	1.4	18.7	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.12.2021	0	0.0	1.5	18.8	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.12.2021	10	0.0	1.6	18.6	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.12.2021	20	0.0	1.6	18.4	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.12.2021	30	0.0	1.6	18.2	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.12.2021	60	0.0	1.6	18.1	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.12.2021	90	0.0	1.6	18.1	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.12.2021	120	0.0	1.6	18.1	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.12.2021	180	0.0	1.6	18.1	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.12.2021	0	0.0	1.2	18.2	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.12.2021	10	0.0	1.0	18.3	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.12.2021	20	0.0	0.9	18.4	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.12.2021	30	0.0	0.7	18.5	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.12.2021	60	0.0	0.9	18.3	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.12.2021	90	0.0	1.0	18.1	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.12.2021	120	0.0	1.2	17.8	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.12.2021	180	0.0	1.4	17.4	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31.12.2021	0	0.0	1.4	18.9	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31.12.2021	10	0.0	1.9	18.1	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31.12.2021	20	0.0	2.0	17.3	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31.12.2021	30	0.0	2.0	17.2	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31.12.2021	60	0.0	2.0	17.1	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31.12.2021	90	0.0	2.0	17.0	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31.12.2021	120	0.0	2.0	17.0	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31.12.2021	180	0.0	2.0	17.0	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	31.12.2021	0	0.0	2.0	17.3	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	31.12.2021	10	0.0	1.5	17.5	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	31.12.2021	20	0.0	1.3	17.7	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	31.12.2021	30	0.0	1.3	17.7	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS10	15.12.2021	0	0.0	2.2	16.2	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.12.2021	10	0.0	2.2	16.3	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.12.2021	20	0.0	2.2	16.4	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.12.2021	30	0.0	2.2	16.4	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.12.2021	60	0.0	2.2	16.4	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.12.2021	90	0.0	2.2	16.4	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.12.2021	120	0.0	2.2	16.4	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.12.2021	180	0.0	2.2	16.4	0.0	0.0	1030	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.12.2021	0	0.0	1.9	16.4	0.0	0.0	1029	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.12.2021	10	0.0	1.8	16.8	0.0	0.0	1029	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.12.2021	20	0.0	1.8	17.2	0.0	0.0	1029	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.12.2021	30	0.0	1.8	17.6	0.0	0.0	1029	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.12.2021	60	0.0	1.8	17.5	0.0	0.0	1029	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.12.2021	90	0.0	1.8	17.5	0.0	0.0	1029	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.12.2021	120	0.0	1.8	17.5	0.0	0.0	1029	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.12.2021	180	0.0	1.8	17.5	0.0	0.0	1029	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.12.2021	0	0.0	1.2	17.5	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.12.2021	10	0.0	1.0	17.8	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.12.2021	20	0.0	1.0	18.2	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.12.2021	30	0.0	1.0	18.6	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.12.2021	60	0.0	1.0	18.6	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.12.2021	90	0.0	1.0	18.6	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.12.2021	120	0.0	1.0	18.6	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.12.2021	180	0.0	1.0	18.6	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.12.2021	0	0.0	1.2	18.6	0.0	0.0	1030	4.71	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.12.2021	10	0.0	1.7	18.4	0.0	0.0	1030	4.71	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.12.2021	20	0.0	1.7	18.2	0.0	0.0	1030	4.71	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.12.2021	30	0.0	1.7	18.0	0.0	0.0	1030	4.71	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.12.2021	60	0.0	1.7	17.9	0.0	0.0	1030	4.71	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.12.2021	90	0.0	1.7	17.8	0.0	0.0	1030	4.71	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.12.2021	120	0.0	1.7	17.8	0.0	0.0	1030	4.71	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.12.2021	180	0.0	1.7	17.8	0.0	0.0	1030	4.71	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.12.2021	0	0.0	1.6	18.0	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.12.2021	10	0.0	2.0	17.9	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.12.2021	20	0.0	2.0	17.8	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.12.2021	30	0.0	2.0	17.7	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.12.2021	60	0.0	2.0	17.7	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.12.2021	90	0.0	2.0	17.6	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.12.2021	120	0.0	2.0	17.6	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.12.2021	180	0.0	2.0	17.6	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.12.2021	0	0.0	1.9	17.6	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.12.2021	10	0.0	0.0	20.4	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.12.2021	20	0.0	0.0	20.4	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.12.2021	30	0.0	0.0	20.4	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.12.2021	60	0.0	0.0	20.4	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.12.2021	90	0.0	0.0	20.4	0.0	0.0	1029	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS08	31.12.2021	60	0.0	1.6	17.3	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	31.12.2021	90	0.0	1.6	17.2	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	31.12.2021	120	0.0	1.6	17.2	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	31.12.2021	180	0.0	1.6	17.1	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31.12.2021	0	0.0	3.4	13.5	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31.12.2021	10	0.0	3.5	13.4	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31.12.2021	20	0.0	3.5	13.2	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31.12.2021	30	0.0	3.6	13.0	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31.12.2021	60	0.0	3.6	12.7	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31.12.2021	90	0.0	3.6	12.7	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31.12.2021	120	0.0	3.6	12.7	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31.12.2021	180	0.0	3.6	12.6	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	31.12.2021	0	0.0	1.2	13.9	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	31.12.2021	10	0.0	1.0	18.2	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	31.12.2021	20	0.0	0.2	18.9	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	31.12.2021	30	0.0	0.1	19.3	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	31.12.2021	60	0.0	0.1	19.6	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	31.12.2021	90	0.0	0.1	19.7	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	31.12.2021	120	0.0	0.1	19.7	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	31.12.2021	180	0.0	0.2	19.6	0.0	0.0	1017	4.78	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	31.12.2021	0	0.0	1.4	18.4	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	31.12.2021	10	0.0	2.0	16.9	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	31.12.2021	20	0.0	2.0	16.6	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	31.12.2021	30	0.0	2.0	16.4	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	31.12.2021	60	0.0	2.1	16.2	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	31.12.2021	90	0.0	2.1	16.2	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	31.12.2021	120	0.0	2.1	16.2	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	31.12.2021	180	0.0	2.1	16.2	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	31.12.2021	0	0.0	1.4	17.3	0.0	0.0	1017	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	31.12.2021	10	0.0	0.6	18.0	0.0	0.0	1017	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	31.12.2021	20	0.0	0.0	19.4	0.0	0.0	1017	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	31.12.2021	30	0.0	0.0	19.8	0.0	0.0	1017	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	31.12.2021	60	0.0	0.0	20.1	0.0	0.0	1017	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	31.12.2021	90	0.0	0.0	20.2	0.0	0.0	1017	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	31.12.2021	120	0.0	0.0	20.2	0.0	0.0	1017	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	31.12.2021	180	0.0	0.0	20.2	0.0	0.0	1017	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	31.12.2021	0	0.0	0.0	19.4	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	31.12.2021	10	0.0	0.9	19.5	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	31.12.2021	20	0.0	1.1	18.8	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	31.12.2021	30	0.0	1.1	18.7	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	31.12.2021	60	0.0	1.1	18.6	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	31.12.2021	90	0.0	1.1	18.6	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	31.12.2021	120	0.0	1.1	18.6	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	31.12.2021	180	0.0	1.2	18.5	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	31.12.2021	0	0.0	1.2	18.5	0.0	0.0	1016	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	31.12.2021	10	0.0	1.5	18.4	0.0	0.0	1016	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS14	31.12.2021	20	0.0	1.6	18.1	0.0	0.0	1016	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	31.12.2021	30	0.0	1.6	18.0	0.0	0.0	1016	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	31.12.2021	60	0.0	1.7	17.8	0.0	0.0	1016	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	31.12.2021	90	0.0	1.7	17.8	0.0	0.0	1016	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	31.12.2021	120	0.0	1.7	17.7	0.0	0.0	1016	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	31.12.2021	180	0.0	1.8	17.6	0.0	0.0	1016	4.34	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31.12.2021	0	0.0	1.6	18.4	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31.12.2021	10	0.0	0.1	19.5	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31.12.2021	20	0.0	0.1	19.7	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31.12.2021	30	0.0	0.2	19.7	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31.12.2021	60	0.0	0.4	19.4	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31.12.2021	90	0.0	0.7	19.1	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31.12.2021	120	0.0	0.9	18.8	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31.12.2021	180	0.0	1.3	18.3	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31.12.2021	0	0.0	0.9	19.3	0.0	0.0	1015	2.55	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31.12.2021	10	0.0	0.3	19.9	0.0	0.0	1015	2.55	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31.12.2021	20	0.0	0.0	20.3	0.0	0.0	1015	2.55	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31.12.2021	30	0.0	0.0	20.4	0.0	0.0	1015	2.55	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31.12.2021	60	0.0	0.0	20.4	0.0	0.0	1015	2.55	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31.12.2021	90	0.0	0.0	20.4	0.0	0.0	1015	2.55	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31.12.2021	120	0.0	0.0	20.4	0.0	0.0	1015	2.55	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31.12.2021	180	0.0	0.0	20.4	0.0	0.0	1015	2.55	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31.12.2021	0	0.0	0.3	20.0	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31.12.2021	10	0.0	0.5	19.5	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31.12.2021	20	0.0	0.6	19.4	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31.12.2021	30	0.0	0.6	19.3	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31.12.2021	60	0.0	0.5	19.3	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31.12.2021	90	0.0	0.3	19.5	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31.12.2021	120	0.0	0.2	19.6	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31.12.2021	180	0.0	0.1	19.7	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	31.12.2021	0	0.0	0.3	19.6	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	31.12.2021	10	0.0	1.6	18.6	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	31.12.2021	20	0.0	1.7	18.2	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	31.12.2021	30	0.0	1.8	18.0	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	31.12.2021	60	0.0	1.8	17.9	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	31.12.2021	90	0.0	1.8	17.9	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	31.12.2021	120	0.0	1.8	17.8	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	31.12.2021	180	0.0	1.8	17.8	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	31.12.2021	0	0.0	1.7	18.1	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	31.12.2021	10	0.0	1.2	18.5	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	31.12.2021	20	0.0	1.1	18.6	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	31.12.2021	30	0.0	0.8	18.9	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	31.12.2021	60	0.0	1.0	18.7	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	31.12.2021	90	0.0	1.3	18.4	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	31.12.2021	120	0.0	1.2	18.5	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	31.12.2021	180	0.0	1.4	18.0	0.0	0.0	1015	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS02	31.12.2021	0	0.0	1.3	18.4	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	31.12.2021	10	0.0	1.3	17.8	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	31.12.2021	20	0.0	1.3	17.3	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	31.12.2021	30	0.0	1.4	17.0	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	31.12.2021	60	0.0	1.5	16.8	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	31.12.2021	90	0.0	1.7	16.4	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	31.12.2021	120	0.0	1.8	16.3	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	31.12.2021	180	0.0	2.0	15.8	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	14.01.2022	0	0.0	1.4	18.6	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	14.01.2022	10	0.0	1.7	17.9	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	14.01.2022	20	0.0	1.8	17.2	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	14.01.2022	30	0.0	1.8	17.0	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	14.01.2022	60	0.0	1.8	16.8	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	14.01.2022	90	0.0	1.9	16.8	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	14.01.2022	120	0.0	1.9	16.7	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	14.01.2022	180	0.0	1.9	16.7	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	14.01.2022	0	0.0	1.5	17.0	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	14.01.2022	10	0.0	1.4	17.1	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	14.01.2022	20	0.0	1.4	17.1	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	14.01.2022	30	0.0	1.4	17.1	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	14.01.2022	60	0.0	1.4	17.0	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	14.01.2022	90	0.0	1.4	17.0	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	14.01.2022	120	0.0	1.4	17.0	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	14.01.2022	180	0.0	1.4	17.0	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	14.01.2022	0	0.0	1.5	17.2	0.0	0.0	1040	4.51	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	14.01.2022	10	0.0	3.3	13.9	0.0	0.0	1040	4.51	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	14.01.2022	20	0.0	3.6	11.6	0.0	0.0	1040	4.51	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	14.01.2022	30	0.0	3.6	11.3	0.0	0.0	1040	4.51	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	14.01.2022	60	0.0	3.7	11.1	0.0	0.0	1040	4.51	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	14.01.2022	90	0.0	3.7	11.0	0.0	0.0	1040	4.51	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	14.01.2022	120	0.0	3.7	10.9	0.0	0.0	1040	4.51	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	14.01.2022	180	0.0	3.7	10.9	0.0	0.0	1040	4.51	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	14.01.2022	0	0.0	3.1	12.2	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	14.01.2022	10	0.0	2.9	12.9	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	14.01.2022	20	0.0	2.9	13.7	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	14.01.2022	30	0.0	2.8	13.7	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	14.01.2022	60	0.0	2.8	13.8	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	14.01.2022	90	0.0	2.8	13.8	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	14.01.2022	120	0.0	2.8	13.8	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	14.01.2022	180	0.0	2.8	13.8	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	14.01.2022	0	0.0	2.1	14.9	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	14.01.2022	10	0.0	2.1	15.6	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	14.01.2022	20	0.0	2.1	15.9	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	14.01.2022	30	0.0	2.1	15.9	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	14.01.2022	60	0.0	2.1	16.0	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	14.01.2022	90	0.0	2.1	16.0	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS10	14.01.2022	120	0.0	2.1	16.0	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	14.01.2022	180	0.0	2.1	16.0	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	14.01.2022	0	0.0	1.9	16.0	0.0	0.0	1040	4.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	14.01.2022	10	0.0	1.7	17.0	0.0	0.0	1040	4.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	14.01.2022	20	0.0	1.6	17.3	0.0	0.0	1040	4.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	14.01.2022	30	0.0	1.6	17.3	0.0	0.0	1040	4.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	14.01.2022	60	0.0	1.5	17.4	0.0	0.0	1040	4.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	14.01.2022	90	0.0	1.6	17.4	0.0	0.0	1040	4.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	14.01.2022	120	0.0	1.6	17.4	0.0	0.0	1040	4.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	14.01.2022	180	0.0	1.6	17.4	0.0	0.0	1040	4.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	14.01.2022	0	0.0	1.2	18.0	0.0	0.0	1040	4.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	14.01.2022	10	0.0	1.2	18.2	0.0	0.0	1040	4.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	14.01.2022	20	0.0	1.1	18.4	0.0	0.0	1040	4.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	14.01.2022	30	0.0	1.1	18.4	0.0	0.0	1040	4.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	14.01.2022	60	0.0	1.1	18.4	0.0	0.0	1040	4.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	14.01.2022	90	0.0	1.1	18.4	0.0	0.0	1040	4.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	14.01.2022	120	0.0	1.1	18.4	0.0	0.0	1040	4.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	14.01.2022	180	0.0	1.1	18.4	0.0	0.0	1040	4.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	14.01.2022	0	0.0	1.4	18.2	0.0	0.0	1038	3.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	14.01.2022	10	0.0	1.5	18.0	0.0	0.0	1038	3.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	14.01.2022	20	0.0	1.6	17.6	0.0	0.0	1038	3.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	14.01.2022	30	0.0	1.6	17.5	0.0	0.0	1038	3.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	14.01.2022	60	0.0	1.6	17.4	0.0	0.0	1038	3.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	14.01.2022	90	0.0	1.7	17.3	0.0	0.0	1038	3.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	14.01.2022	120	0.0	1.7	17.3	0.0	0.0	1038	3.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	14.01.2022	180	0.0	1.7	17.3	0.0	0.0	1038	3.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	14.01.2022	0	0.0	1.7	17.7	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	14.01.2022	10	0.0	1.8	17.3	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	14.01.2022	20	0.0	1.8	17.0	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	14.01.2022	30	0.0	1.8	17.0	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	14.01.2022	60	0.0	1.8	16.9	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	14.01.2022	90	0.0	1.8	16.9	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	14.01.2022	120	0.0	1.8	16.9	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	14.01.2022	180	0.0	1.8	16.8	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	14.01.2022	0	0.0	0.0	19.8	0.0	0.0	1036	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	14.01.2022	10	0.0	1.7	17.8	0.0	0.0	1036	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	14.01.2022	20	0.0	1.8	17.2	0.0	0.0	1036	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	14.01.2022	30	0.0	1.8	17.1	0.0	0.0	1036	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	14.01.2022	60	0.0	1.8	16.9	0.0	0.0	1036	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	14.01.2022	90	0.0	1.8	16.9	0.0	0.0	1036	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	14.01.2022	120	0.0	1.8	16.9	0.0	0.0	1036	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	14.01.2022	180	0.0	1.8	16.9	0.0	0.0	1036	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	14.01.2022	0	0.0	0.0	19.4	0.0	0.0	1037	2.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	14.01.2022	10	0.0	0.0	19.8	0.0	0.0	1037	2.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	14.01.2022	20	0.0	0.0	20.1	0.0	0.0	1037	2.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	14.01.2022	30	0.0	0.0	20.3	0.0	0.0	1037	2.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS06	14.01.2022	60	0.0	0.0	20.4	0.0	0.0	1037	2.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	14.01.2022	90	0.0	0.0	20.4	0.0	0.0	1037	2.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	14.01.2022	120	0.0	0.0	20.4	0.0	0.0	1037	2.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	14.01.2022	180	0.0	0.0	20.4	0.0	0.0	1037	2.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	14.01.2022	0	0.0	1.3	17.4	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	14.01.2022	10	0.0	1.2	17.6	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	14.01.2022	20	0.0	1.1	17.7	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	14.01.2022	30	0.0	0.9	17.9	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	14.01.2022	60	0.0	0.7	18.3	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	14.01.2022	90	0.0	0.3	18.9	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	14.01.2022	120	0.0	0.0	19.4	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	14.01.2022	180	0.0	0.0	19.9	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	14.01.2022	0	0.0	0.0	19.4	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	14.01.2022	10	0.0	1.0	18.8	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	14.01.2022	20	0.0	1.7	17.5	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	14.01.2022	30	0.0	1.8	17.4	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	14.01.2022	60	0.0	1.8	17.3	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	14.01.2022	90	0.0	1.8	17.2	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	14.01.2022	120	0.0	1.8	17.2	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	14.01.2022	180	0.0	1.8	17.2	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	14.01.2022	0	0.0	1.7	17.3	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	14.01.2022	10	0.0	2.2	15.4	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	14.01.2022	20	0.0	2.2	14.8	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	14.01.2022	30	0.0	2.2	14.6	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	14.01.2022	60	0.0	2.3	14.4	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	14.01.2022	90	0.0	2.3	14.3	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	14.01.2022	120	0.0	2.3	14.2	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	14.01.2022	180	0.0	2.3	14.2	0.0	0.0	1035	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	28.01.2022	0	0.0	1.1	19.0	0.0	0.0	1028	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	28.01.2022	10	0.0	1.5	18.9	0.0	0.0	1028	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	28.01.2022	20	0.0	1.9	17.9	0.0	0.0	1028	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	28.01.2022	30	0.0	1.9	17.7	0.0	0.0	1028	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	28.01.2022	60	0.0	1.9	17.6	0.0	0.0	1028	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	28.01.2022	90	0.0	1.9	17.6	0.0	0.0	1028	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	28.01.2022	120	0.0	1.9	17.6	0.0	0.0	1028	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	28.01.2022	180	0.0	1.9	17.7	0.0	0.0	1028	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	28.01.2022	0	0.0	1.9	17.7	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	28.01.2022	10	0.0	1.4	18.0	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	28.01.2022	20	0.0	1.3	18.0	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	28.01.2022	30	0.0	1.2	17.9	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	28.01.2022	60	0.0	1.2	17.8	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	28.01.2022	90	0.0	1.2	17.8	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	28.01.2022	120	0.0	1.2	17.8	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	28.01.2022	180	0.0	1.2	17.8	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	28.01.2022	0	0.0	1.2	17.9	0.0	0.0	1027	4.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	28.01.2022	10	0.0	3.1	14.5	0.0	0.0	1027	4.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS09	28.01.2022	20	0.0	3.5	11.7	0.0	0.0	1027	4.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	28.01.2022	30	0.0	3.6	11.2	0.0	0.0	1027	4.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	28.01.2022	60	0.0	3.6	11.0	0.0	0.0	1027	4.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	28.01.2022	90	0.0	3.6	10.9	0.0	0.0	1027	4.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	28.01.2022	120	0.0	3.6	10.8	0.0	0.0	1027	4.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	28.01.2022	180	0.0	3.6	10.8	0.0	0.0	1027	4.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	28.01.2022	0	0.0	3.0	12.2	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	28.01.2022	10	0.0	2.9	12.9	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	28.01.2022	20	0.0	2.8	13.2	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	28.01.2022	30	0.0	2.8	13.3	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	28.01.2022	60	0.0	2.8	13.3	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	28.01.2022	90	0.0	2.8	13.3	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	28.01.2022	120	0.0	2.8	13.3	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	28.01.2022	180	0.0	2.8	13.3	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	28.01.2022	0	0.0	2.7	13.9	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	28.01.2022	10	0.0	2.0	14.9	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	28.01.2022	20	0.0	1.9	16.1	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	28.01.2022	30	0.0	1.9	16.2	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	28.01.2022	60	0.0	1.9	16.3	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	28.01.2022	90	0.0	1.9	16.3	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	28.01.2022	120	0.0	1.9	16.3	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	28.01.2022	180	0.0	1.9	16.3	0.0	0.0	1027	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	28.01.2022	0	0.0	1.6	16.6	0.0	0.0	1027	4.21	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	28.01.2022	10	0.0	1.5	16.9	0.0	0.0	1027	4.21	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	28.01.2022	20	0.0	1.3	17.3	0.0	0.0	1027	4.21	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	28.01.2022	30	0.0	1.3	17.4	0.0	0.0	1027	4.21	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	28.01.2022	60	0.0	1.3	17.4	0.0	0.0	1027	4.21	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	28.01.2022	90	0.0	1.3	17.4	0.0	0.0	1027	4.21	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	28.01.2022	120	0.0	1.3	17.4	0.0	0.0	1027	4.21	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	28.01.2022	180	0.0	1.3	17.4	0.0	0.0	1027	4.21	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	28.01.2022	0	0.0	0.9	18.8	0.0	0.0	1027	4.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	28.01.2022	10	0.0	0.9	19.1	0.0	0.0	1027	4.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	28.01.2022	20	0.0	0.9	19.1	0.0	0.0	1027	4.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	28.01.2022	30	0.0	0.9	19.1	0.0	0.0	1027	4.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	28.01.2022	60	0.0	0.9	19.1	0.0	0.0	1027	4.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	28.01.2022	90	0.0	0.9	19.1	0.0	0.0	1027	4.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	28.01.2022	120	0.0	0.9	19.1	0.0	0.0	1027	4.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	28.01.2022	180	0.0	0.9	19.1	0.0	0.0	1027	4.82	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	28.01.2022	0	0.0	0.6	18.6	0.0	0.0	1027	4.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	28.01.2022	10	0.0	1.2	18.2	0.0	0.0	1027	4.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	28.01.2022	20	0.0	1.3	18.1	0.0	0.0	1027	4.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	28.01.2022	30	0.0	1.3	18.0	0.0	0.0	1027	4.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	28.01.2022	60	0.0	1.3	17.8	0.0	0.0	1027	4.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	28.01.2022	90	0.0	1.4	17.7	0.0	0.0	1027	4.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	28.01.2022	120	0.0	1.4	17.7	0.0	0.0	1027	4.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	28.01.2022	180	0.0	1.4	17.7	0.0	0.0	1027	4.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS05	28.01.2022	0	0.0	1.4	18.0	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	28.01.2022	10	0.0	1.3	18.2	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	28.01.2022	20	0.0	1.3	18.1	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	28.01.2022	30	0.0	1.4	18.0	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	28.01.2022	60	0.0	1.6	17.6	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	28.01.2022	90	0.0	1.8	17.3	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	28.01.2022	120	0.0	1.9	17.1	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	28.01.2022	180	0.0	2.0	16.9	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	28.01.2022	0	0.0	0.0	19.3	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	28.01.2022	10	0.0	0.5	19.5	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	28.01.2022	20	0.0	0.7	18.9	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	28.01.2022	30	0.0	0.6	19.0	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	28.01.2022	60	0.0	0.3	19.3	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	28.01.2022	90	0.0	0.0	19.6	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	28.01.2022	120	0.0	0.0	19.8	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	28.01.2022	180	0.0	0.0	20.1	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	28.01.2022	0	0.0	1.2	17.1	0.0	0.0	1026	2.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	28.01.2022	10	0.0	0.0	19.0	0.0	0.0	1026	2.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	28.01.2022	20	0.0	0.0	20.1	0.0	0.0	1026	2.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	28.01.2022	30	0.0	0.0	20.2	0.0	0.0	1026	2.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	28.01.2022	60	0.0	0.0	20.3	0.0	0.0	1026	2.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	28.01.2022	90	0.0	0.0	20.3	0.0	0.0	1026	2.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	28.01.2022	120	0.0	0.0	20.2	0.0	0.0	1026	2.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	28.01.2022	180	0.0	0.0	20.1	0.0	0.0	1026	2.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	28.01.2022	0	0.0	0.0	19.6	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	28.01.2022	10	0.0	1.2	18.2	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	28.01.2022	20	0.0	1.7	17.7	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	28.01.2022	30	0.0	1.7	17.4	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	28.01.2022	60	0.0	1.7	17.3	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	28.01.2022	90	0.0	1.7	17.3	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	28.01.2022	120	0.0	1.7	17.2	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	28.01.2022	180	0.0	1.7	17.2	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	28.01.2022	0	0.0	1.7	17.4	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	28.01.2022	10	0.0	1.7	17.7	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	28.01.2022	20	0.0	1.7	17.8	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	28.01.2022	30	0.0	1.7	17.8	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	28.01.2022	60	0.0	1.7	17.7	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	28.01.2022	90	0.0	1.7	17.7	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	28.01.2022	120	0.0	1.7	17.7	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	28.01.2022	180	0.0	1.7	17.7	0.0	0.0	1026	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	28.01.2022	0	0.0	1.4	18.4	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	28.01.2022	10	0.0	1.7	18.2	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	28.01.2022	20	0.0	1.8	18.2	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	28.01.2022	30	0.0	1.8	18.2	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	28.01.2022	60	0.0	1.9	18.2	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	28.01.2022	90	0.0	2.0	18.2	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS02	28.01.2022	120	0.0	2.1	18.2	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	28.01.2022	180	0.0	2.2	18.2	0.0	0.0	1025	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.02.2022	0	0.0	2.0	18.3	0.0	0.0	999	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.02.2022	10	0.0	1.7	18.1	0.0	0.0	999	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.02.2022	20	0.0	1.6	18.7	0.0	0.0	999	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.02.2022	30	0.0	1.6	18.7	0.0	0.0	999	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.02.2022	60	0.0	1.6	18.7	0.0	0.0	999	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.02.2022	90	0.0	1.6	18.7	0.0	0.0	999	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.02.2022	120	0.0	1.5	18.7	0.0	0.0	999	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	15.02.2022	180	0.0	1.5	18.8	0.0	0.0	999	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.02.2022	0	0.0	1.5	18.8	0.0	0.0	998	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.02.2022	10	0.0	1.3	18.8	0.0	0.0	998	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.02.2022	20	0.0	1.2	18.5	0.0	0.0	998	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.02.2022	30	0.0	1.2	18.4	0.0	0.0	998	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.02.2022	60	0.0	1.2	18.3	0.0	0.0	998	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.02.2022	90	0.0	1.2	18.3	0.0	0.0	998	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.02.2022	120	0.0	1.2	18.3	0.0	0.0	998	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	15.02.2022	180	0.0	1.2	18.2	0.0	0.0	998	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.02.2022	0				0.0	0.0	999	4.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.02.2022	10				0.0	0.0	999	4.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.02.2022	20				0.0	0.0	999	4.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.02.2022	30				0.0	0.0	999	4.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.02.2022	60				0.0	0.0	999	4.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.02.2022	90				0.0	0.0	999	4.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.02.2022	120				0.0	0.0	999	4.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	15.02.2022	180				0.0	0.0	999	4.65	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.02.2022	0	0.0	0.0	19.5	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.02.2022	10	0.0	1.2	18.5	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.02.2022	20	0.0	1.8	16.8	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.02.2022	30	0.0	1.9	16.5	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.02.2022	60	0.0	1.9	16.3	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.02.2022	90	0.0	1.9	16.3	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.02.2022	120	0.0	1.9	16.2	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	15.02.2022	180	0.0	1.9	16.2	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.02.2022	0	0.0	0.5	18.5	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.02.2022	10	0.0	0.0	19.8	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.02.2022	20	0.0	0.0	19.8	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.02.2022	30	0.0	0.0	19.8	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.02.2022	60	0.0	0.0	20.0	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.02.2022	90	0.0	0.0	20.0	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.02.2022	120	0.0	0.0	19.9	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	15.02.2022	180	0.0	0.0	20.0	0.0	0.0	997	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.02.2022	0	0.0	1.0	17.3	0.0	0.0	996	4.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.02.2022	10	0.0	0.5	18.4	0.0	0.0	996	4.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.02.2022	20	0.0	0.4	19.1	0.0	0.0	996	4.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.02.2022	30	0.0	0.4	19.3	0.0	0.0	996	4.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS12	15.02.2022	60	0.0	0.4	19.3	0.0	0.0	996	4.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.02.2022	90	0.0	0.4	19.3	0.0	0.0	996	4.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.02.2022	120	0.0	0.3	19.3	0.0	0.0	996	4.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	15.02.2022	180	0.0	0.3	19.3	0.0	0.0	996	4.75	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.02.2022	0	0.0	1.6	17.1	0.0	0.0	996	4.13	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.02.2022	10	0.0	1.6	17.1	0.0	0.0	996	4.13	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.02.2022	20	0.0	1.5	17.1	0.0	0.0	996	4.13	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.02.2022	30	0.0	1.5	17.1	0.0	0.0	996	4.13	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.02.2022	60	0.0	1.5	17.0	0.0	0.0	996	4.13	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.02.2022	90	0.0	1.5	17.0	0.0	0.0	996	4.13	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.02.2022	120	0.0	1.5	17.0	0.0	0.0	996	4.13	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	15.02.2022	180	0.0	1.5	17.0	0.0	0.0	996	4.13	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.02.2022	0	0.0	0.4	19.0	0.0	0.0	997	3.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.02.2022	10	0.0	0.9	19.1	0.0	0.0	997	3.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.02.2022	20	0.0	1.3	18.2	0.0	0.0	997	3.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.02.2022	30	0.0	1.3	18.1	0.0	0.0	997	3.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.02.2022	60	0.0	1.4	18.0	0.0	0.0	997	3.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.02.2022	90	0.0	1.4	17.9	0.0	0.0	997	3.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.02.2022	120	0.0	1.4	17.9	0.0	0.0	997	3.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	15.02.2022	180	0.0	1.4	17.9	0.0	0.0	997	3.99	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.02.2022	0	0.0	0.9	18.6	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.02.2022	10	0.0	0.7	18.8	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.02.2022	20	0.0	0.7	19.1	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.02.2022	30	0.0	0.7	19.0	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.02.2022	60	0.0	1.4	18.4	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.02.2022	90	0.0	1.8	17.7	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.02.2022	120	0.0	1.9	17.3	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	15.02.2022	180	0.0	1.9	17.3	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.02.2022	0	0.0	0.5	18.1	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.02.2022	10	0.0	0.0	19.6	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.02.2022	20	0.0	0.0	20.1	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.02.2022	30	0.0	0.0	20.3	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.02.2022	60	0.0	0.0	20.3	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.02.2022	90	0.0	0.0	20.4	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.02.2022	120	0.0	0.0	20.4	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	15.02.2022	180	0.0	0.0	20.4	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.02.2022	0	0.0	2.0	17.6	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.02.2022	10	0.0	2.2	16.9	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.02.2022	20	0.0	2.2	16.3	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.02.2022	30	0.0	1.9	16.5	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.02.2022	60	0.0	1.1	17.8	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.02.2022	90	0.0	0.6	18.6	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.02.2022	120	0.0	0.3	19.2	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	15.02.2022	180	0.0	0.0	19.8	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.02.2022	0	0.0	0.6	19.8	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.02.2022	10	0.0	1.5	18.6	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS04	15.02.2022	20	0.0	1.9	17.8	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.02.2022	30	0.0	1.9	17.6	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.02.2022	60	0.0	1.9	17.4	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.02.2022	90	0.0	1.9	17.4	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.02.2022	120	0.0	1.9	17.4	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	15.02.2022	180	0.0	1.9	17.4	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.02.2022	0	0.0	1.8	18.4	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.02.2022	10	0.0	2.2	17.2	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.02.2022	20	0.0	2.3	16.1	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.02.2022	30	0.0	2.4	15.7	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.02.2022	60	0.0	2.4	15.4	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.02.2022	90	0.0	2.5	15.3	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.02.2022	120	0.0	2.5	15.2	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	15.02.2022	180	0.0	2.5	15.2	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.02.2022	0	0.0	0.8	19.6	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.02.2022	10	0.0	1.4	19.2	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.02.2022	20	0.0	1.5	18.6	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.02.2022	30	0.0	1.6	18.5	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.02.2022	60	0.0	1.6	18.4	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.02.2022	90	0.0	1.6	18.4	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.02.2022	120	0.0	1.6	18.4	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	15.02.2022	180	0.0	1.6	18.4	0.0	0.0	996	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	02.03.2022	0				0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	02.03.2022	10				0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	02.03.2022	20				0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	02.03.2022	30				0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	02.03.2022	60				0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	02.03.2022	90				0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	02.03.2022	120				0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	02.03.2022	180				0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	02.03.2022	0				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	02.03.2022	10				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	02.03.2022	20				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	02.03.2022	30				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	02.03.2022	60				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	02.03.2022	90				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	02.03.2022	120				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	02.03.2022	180				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	02.03.2022	0				0.0	0.0	1014	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	02.03.2022	10				0.0	0.0	1014	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	02.03.2022	20				0.0	0.0	1014	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	02.03.2022	30				0.0	0.0	1014	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	02.03.2022	60				0.0	0.0	1014	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	02.03.2022	90				0.0	0.0	1014	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	02.03.2022	120				0.0	0.0	1014	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	02.03.2022	180				0.0	0.0	1014	4.63	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS10	02.03.2022	0				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	02.03.2022	10				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	02.03.2022	20				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	02.03.2022	30				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	02.03.2022	60				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	02.03.2022	90				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	02.03.2022	120				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	02.03.2022	180				0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	02.03.2022	0	0.0	0.0	19.7	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	02.03.2022	10	0.0	2.3	16.4	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	02.03.2022	20	0.0	2.5	13.8	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	02.03.2022	30	0.0	2.6	13.6	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	02.03.2022	60	0.0	2.6	13.2	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	02.03.2022	90	0.0	2.6	13.2	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	02.03.2022	120	0.0	2.6	13.1	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	02.03.2022	180	0.0	2.6	13.0	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02.03.2022	0	0.0	0.9	18.4	0.0	0.0	1014	4.68	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02.03.2022	10	0.0	0.9	18.7	0.0	0.0	1014	4.68	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02.03.2022	20	0.0	0.9	18.6	0.0	0.0	1014	4.68	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02.03.2022	30	0.0	0.9	18.6	0.0	0.0	1014	4.68	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02.03.2022	60	0.0	0.9	18.6	0.0	0.0	1014	4.68	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02.03.2022	90	0.0	0.9	18.6	0.0	0.0	1014	4.68	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02.03.2022	120	0.0	0.9	18.6	0.0	0.0	1014	4.68	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	02.03.2022	180	0.0	0.9	18.6	0.0	0.0	1014	4.68	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02.03.2022	0	0.0	1.7	15.8	0.0	0.0	1014	4.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02.03.2022	10	0.0	1.7	16.3	0.0	0.0	1014	4.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02.03.2022	20	0.0	1.6	16.6	0.0	0.0	1014	4.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02.03.2022	30	0.0	1.6	16.6	0.0	0.0	1014	4.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02.03.2022	60	0.0	1.6	16.7	0.0	0.0	1014	4.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02.03.2022	90	0.0	1.6	16.7	0.0	0.0	1014	4.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02.03.2022	120	0.0	1.6	16.7	0.0	0.0	1014	4.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	02.03.2022	180	0.0	1.6	16.7	0.0	0.0	1014	4.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	02.03.2022	0	0.0	0.9	18.8	0.0	0.0	1014	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	02.03.2022	10	0.0	0.9	19.2	0.0	0.0	1014	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	02.03.2022	20	0.0	0.9	19.2	0.0	0.0	1014	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	02.03.2022	30	0.0	0.9	19.1	0.0	0.0	1014	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	02.03.2022	60	0.0	0.9	19.1	0.0	0.0	1014	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	02.03.2022	90	0.0	1.0	19.0	0.0	0.0	1014	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	02.03.2022	120	0.0	1.1	18.9	0.0	0.0	1014	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	02.03.2022	180	0.0	1.2	18.9	0.0	0.0	1014	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	02.03.2022	0	0.0	0.4	19.4	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	02.03.2022	10	0.0	0.4	19.5	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	02.03.2022	20	0.0	0.5	19.4	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	02.03.2022	30	0.0	0.5	19.4	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	02.03.2022	60	0.0	0.8	18.8	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	02.03.2022	90	0.0	1.1	18.4	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS05	02.03.2022	120	0.0	1.3	18.0	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	02.03.2022	180	0.0	1.7	17.3	0.0	0.0	1014	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	02.03.2022	0	0.0	0.3	18.4	0.0	0.0	1012	2.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	02.03.2022	10	0.0	0.0	19.8	0.0	0.0	1012	2.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	02.03.2022	20	0.0	0.0	20.3	0.0	0.0	1012	2.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	02.03.2022	30	0.0	0.0	20.5	0.0	0.0	1012	2.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	02.03.2022	60	0.0	0.0	20.5	0.0	0.0	1012	2.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	02.03.2022	90	0.0	0.0	20.6	0.0	0.0	1012	2.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	02.03.2022	120	0.0	0.0	20.6	0.0	0.0	1012	2.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	02.03.2022	180	0.0	0.0	20.6	0.0	0.0	1012	2.60	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02.03.2022	0	0.0	0.0	20.3	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02.03.2022	10	0.0	0.0	20.3	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02.03.2022	20	0.0	0.0	20.2	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02.03.2022	30	0.0	0.0	20.2	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02.03.2022	60	0.0	0.0	20.3	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02.03.2022	90	0.0	0.0	20.3	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02.03.2022	120	0.0	0.0	20.4	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	02.03.2022	180	0.0	0.0	20.4	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	02.03.2022	0	0.0	1.4	18.7	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	02.03.2022	10	0.0	1.6	18.0	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	02.03.2022	20	0.0	1.6	17.8	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	02.03.2022	30	0.0	1.7	17.6	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	02.03.2022	60	0.0	1.7	17.5	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	02.03.2022	90	0.0	1.7	17.4	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	02.03.2022	120	0.0	1.7	17.4	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	02.03.2022	180	0.0	1.7	17.4	0.0	0.0	1012	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	02.03.2022	0	0.0	1.6	18.0	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	02.03.2022	10	0.0	1.6	18.3	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	02.03.2022	20	0.0	1.6	18.5	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	02.03.2022	30	0.0	1.6	18.5	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	02.03.2022	60	0.0	1.6	18.5	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	02.03.2022	90	0.0	1.6	18.5	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	02.03.2022	120	0.0	1.6	18.5	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	02.03.2022	180	0.0	1.6	18.5	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	02.03.2022	0	0.0	1.5	17.7	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	02.03.2022	10	0.0	1.6	17.5	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	02.03.2022	20	0.0	1.6	17.3	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	02.03.2022	30	0.0	1.6	17.2	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	02.03.2022	60	0.0	1.7	16.9	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	02.03.2022	90	0.0	1.8	16.6	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	02.03.2022	120	0.0	2.0	16.4	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	02.03.2022	180	0.0	2.3	15.7	0.0	0.0	1011	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	16.03.2022	0				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	16.03.2022	10				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	16.03.2022	20				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	16.03.2022	30				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS07	16.03.2022	60				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	16.03.2022	90				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	16.03.2022	120				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	16.03.2022	180				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	16.03.2022	0	0.0	0.0	19.8	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	16.03.2022	10	0.0	0.5	18.6	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	16.03.2022	20	0.0	0.8	17.9	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	16.03.2022	30	0.0	0.9	17.5	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	16.03.2022	60	0.0	1.1	16.5	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	16.03.2022	90	0.0	1.3	15.9	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	16.03.2022	120	0.0	1.4	15.7	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	16.03.2022	180	0.0	1.4	15.7	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	16.03.2022	0				0.0	0.0	1041	4.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	16.03.2022	10				0.0	0.0	1041	4.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	16.03.2022	20				0.0	0.0	1041	4.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	16.03.2022	30				0.0	0.0	1041	4.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	16.03.2022	60				0.0	0.0	1041	4.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	16.03.2022	90				0.0	0.0	1041	4.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	16.03.2022	120				0.0	0.0	1041	4.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	16.03.2022	180				0.0	0.0	1041	4.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	16.03.2022	0				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	16.03.2022	10				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	16.03.2022	20				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	16.03.2022	30				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	16.03.2022	60				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	16.03.2022	90				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	16.03.2022	120				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	16.03.2022	180				0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	16.03.2022	0	0.0	1.4	17.0	0.0	0.0	1042	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	16.03.2022	10	0.0	2.7	14.2	0.0	0.0	1042	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	16.03.2022	20	0.0	2.9	13.2	0.0	0.0	1042	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	16.03.2022	30	0.0	3.0	12.9	0.0	0.0	1042	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	16.03.2022	60	0.0	3.0	12.8	0.0	0.0	1042	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	16.03.2022	90	0.0	3.0	12.7	0.0	0.0	1042	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	16.03.2022	120	0.0	3.0	12.7	0.0	0.0	1042	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	16.03.2022	180	0.0	3.0	12.7	0.0	0.0	1042	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	16.03.2022	0				0.0	0.0	1042	4.66	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	16.03.2022	10				0.0	0.0	1042	4.66	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	16.03.2022	20				0.0	0.0	1042	4.66	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	16.03.2022	30				0.0	0.0	1042	4.66	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	16.03.2022	60				0.0	0.0	1042	4.66	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	16.03.2022	90				0.0	0.0	1042	4.66	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	16.03.2022	120				0.0	0.0	1042	4.66	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	16.03.2022	180				0.0	0.0	1042	4.66	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	16.03.2022	0	0.0	2.1	14.8	0.0	0.0	1042	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	16.03.2022	10	0.0	1.8	15.5	0.0	0.0	1042	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS13	16.03.2022	20	0.0	1.8	16.0	0.0	0.0	1042	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	16.03.2022	30	0.0	1.8	16.1	0.0	0.0	1042	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	16.03.2022	60	0.0	1.8	16.1	0.0	0.0	1042	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	16.03.2022	90	0.0	1.8	16.1	0.0	0.0	1042	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	16.03.2022	120	0.0	1.8	16.1	0.0	0.0	1042	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	16.03.2022	180	0.0	1.8	16.1	0.0	0.0	1042	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	16.03.2022	0	0.0	1.5	17.5	0.0	0.0	1042	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	16.03.2022	10	0.0	1.5	17.5	0.0	0.0	1042	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	16.03.2022	20	0.0	1.5	17.9	0.0	0.0	1042	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	16.03.2022	30	0.0	1.5	17.8	0.0	0.0	1042	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	16.03.2022	60	0.0	1.5	17.8	0.0	0.0	1042	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	16.03.2022	90	0.0	1.5	17.8	0.0	0.0	1042	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	16.03.2022	120	0.0	1.5	17.8	0.0	0.0	1042	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	16.03.2022	180	0.0	1.5	17.8	0.0	0.0	1042	3.85	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	16.03.2022	0	0.0	1.2	18.0	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	16.03.2022	10	0.0	0.0	19.3	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	16.03.2022	20	0.0	0.0	20.3	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	16.03.2022	30	0.0	0.0	20.4	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	16.03.2022	60	0.0	0.0	20.4	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	16.03.2022	90	0.0	0.0	20.4	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	16.03.2022	120	0.0	0.0	20.3	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	16.03.2022	180	0.0	0.0	20.0	0.0	0.0	1041	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	16.03.2022	0	0.0	0.0	19.2	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	16.03.2022	10	0.0	0.0	20.1	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	16.03.2022	20	0.0	0.0	20.6	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	16.03.2022	30	0.0	0.0	20.4	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	16.03.2022	60	0.0	0.0	20.7	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	16.03.2022	90	0.0	0.0	20.7	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	16.03.2022	120	0.0	0.0	20.6	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	16.03.2022	180	0.0	0.0	20.6	0.0	0.0	1040	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	16.03.2022	0	0.0	0.0	20.2	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	16.03.2022	10	0.0	0.0	20.6	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	16.03.2022	20	0.0	0.0	20.7	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	16.03.2022	30	0.0	0.0	20.7	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	16.03.2022	60	0.0	0.0	20.6	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	16.03.2022	90	0.0	0.0	20.6	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	16.03.2022	120	0.0	0.0	20.6	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	16.03.2022	180	0.0	0.0	20.6	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	16.03.2022	0	0.0	0.0	20.4	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	16.03.2022	10	0.0	1.2	18.4	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	16.03.2022	20	0.0	2.0	17.6	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	16.03.2022	30	0.0	2.0	17.4	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	16.03.2022	60	0.0	2.1	17.3	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	16.03.2022	90	0.0	2.1	17.2	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	16.03.2022	120	0.0	2.1	17.2	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	16.03.2022	180	0.0	2.1	17.2	0.0	0.0	1039	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS02	16.03.2022	0	0.0	1.7	17.6	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	16.03.2022	10	0.0	1.8	17.4	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	16.03.2022	20	0.0	1.8	17.3	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	16.03.2022	30	0.0	1.8	17.2	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	16.03.2022	60	0.0	1.9	17.0	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	16.03.2022	90	0.0	2.1	16.7	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	16.03.2022	120	0.0	2.2	16.4	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	16.03.2022	180	0.0	2.4	16.0	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	16.03.2022	0	0.0	1.8	17.6	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	16.03.2022	10	0.0	1.7	17.9	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	16.03.2022	20	0.0	1.7	18.0	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	16.03.2022	30	0.0	1.7	18.0	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	16.03.2022	60	0.0	1.7	18.0	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	16.03.2022	90	0.0	1.7	18.0	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	16.03.2022	120	0.0	1.7	18.0	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	16.03.2022	180	0.0	1.7	18.0	0.0	0.0	1038	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	30.03.2022	0	0.0	0.4	20.1	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	30.03.2022	10	0.0	2.0	19.5	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	30.03.2022	20	0.0	2.3	18.9	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	30.03.2022	30	0.0	2.3	18.7	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	30.03.2022	60	0.0	2.3	18.7	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	30.03.2022	90	0.0	2.3	18.7	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	30.03.2022	120	0.0	2.3	18.7	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	30.03.2022	180	0.0	2.3	18.7	0.0	0.0	1020	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.03.2022	0	0.0	2.2	19.1	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.03.2022	10	0.0	1.5	18.7	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.03.2022	20	0.0	1.4	18.3	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.03.2022	30	0.0	1.4	18.2	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.03.2022	60	0.0	1.4	18.0	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.03.2022	90	0.0	1.4	18.0	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.03.2022	120	0.0	1.4	18.1	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	30.03.2022	180	0.0	1.4	18.1	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.03.2022	0				0.0	0.0	1018	4.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.03.2022	10				0.0	0.0	1018	4.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.03.2022	20				0.0	0.0	1018	4.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.03.2022	30				0.0	0.0	1018	4.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.03.2022	60				0.0	0.0	1018	4.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.03.2022	90				0.0	0.0	1018	4.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.03.2022	120				0.0	0.0	1018	4.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	30.03.2022	180				0.0	0.0	1018	4.61	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	30.03.2022	0				0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	30.03.2022	10				0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	30.03.2022	20				0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	30.03.2022	30				0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	30.03.2022	60				0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	30.03.2022	90				0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS10	30.03.2022	120				0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	30.03.2022	180				0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.03.2022	0	0.0	1.4	18.6	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.03.2022	10	0.0	2.3	16.6	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.03.2022	20	0.0	2.8	14.2	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.03.2022	30	0.0	2.8	13.9	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.03.2022	60	0.0	2.8	13.7	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.03.2022	90	0.0	2.8	13.7	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.03.2022	120	0.0	2.8	13.7	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	30.03.2022	180	0.0	2.8	13.7	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	30.03.2022	0	0.0	1.2	17.1	0.0	0.0	1018	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	30.03.2022	10	0.0	1.1	18.1	0.0	0.0	1018	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	30.03.2022	20	0.0	1.0	18.7	0.0	0.0	1018	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	30.03.2022	30	0.0	1.0	18.7	0.0	0.0	1018	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	30.03.2022	60	0.0	1.1	18.7	0.0	0.0	1018	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	30.03.2022	90	0.0	1.2	18.6	0.0	0.0	1018	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	30.03.2022	120	0.0	1.2	18.6	0.0	0.0	1018	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS12	30.03.2022	180	0.0	1.3	18.5	0.0	0.0	1018	4.69	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.03.2022	0	0.0	2.7	15.7	0.0	0.0	1018	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.03.2022	10	0.0	1.8	15.7	0.0	0.0	1018	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.03.2022	20	0.0	1.7	16.1	0.0	0.0	1018	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.03.2022	30	0.0	1.7	16.2	0.0	0.0	1018	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.03.2022	60	0.0	1.7	16.1	0.0	0.0	1018	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.03.2022	90	0.0	1.7	16.1	0.0	0.0	1018	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.03.2022	120	0.0	1.7	16.1	0.0	0.0	1018	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS13	30.03.2022	180	0.0	1.7	16.1	0.0	0.0	1018	4.08	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.03.2022	0	0.0	1.3	18.3	0.0	0.0	1018	3.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.03.2022	10	0.0	1.5	18.2	0.0	0.0	1018	3.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.03.2022	20	0.0	1.7	17.5	0.0	0.0	1018	3.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.03.2022	30	0.0	1.7	17.3	0.0	0.0	1018	3.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.03.2022	60	0.0	1.7	17.2	0.0	0.0	1018	3.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.03.2022	90	0.0	1.7	17.1	0.0	0.0	1018	3.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.03.2022	120	0.0	1.7	17.1	0.0	0.0	1018	3.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS14	30.03.2022	180	0.0	1.7	17.1	0.0	0.0	1018	3.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.03.2022	0	0.0	1.6	18.0	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.03.2022	10	0.0	2.0	17.9	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.03.2022	20	0.0	2.1	18.0	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.03.2022	30	0.0	2.2	18.0	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.03.2022	60	0.0	2.3	17.9	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.03.2022	90	0.0	2.4	17.7	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.03.2022	120	0.0	2.4	17.7	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	30.03.2022	180	0.0	2.4	17.5	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
Max values			0.0	4.1	20.7	0.0	0.0	1042.0	4.9	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
Min Vaules			0.0	0.0	10.8	0.0	0.0	996.0	2.5	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
BH Flow LoD check			0.0	4.1	20.7	0.1	-	-	-	0.000	0.004	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Location	Date	Time (sec)	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
										CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
												CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
WS06	30.03.2022	0	0.0	0.8	17.9	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	30.03.2022	10	0.0	0.0	19.7	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	30.03.2022	20	0.0	0.0	20.3	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	30.03.2022	30	0.0	0.0	20.4	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	30.03.2022	60	0.0	0.0	20.5	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	30.03.2022	90	0.0	0.0	20.5	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	30.03.2022	120	0.0	0.0	20.5	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	30.03.2022	180	0.0	0.0	20.5	0.0	0.0	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.03.2022	0	0.0	0.3	20.0	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.03.2022	10	0.0	1.1	19.1	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.03.2022	20	0.0	1.4	18.4	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.03.2022	30	0.0	1.3	18.3	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.03.2022	60	0.0	0.9	18.7	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.03.2022	90	0.0	0.6	19.1	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.03.2022	120	0.0	0.3	19.5	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	30.03.2022	180	0.0	0.1	19.9	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.03.2022	0	0.0	0.3	19.7	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.03.2022	10	0.0	1.9	18.0	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.03.2022	20	0.0	2.0	17.4	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.03.2022	30	0.0	2.1	17.2	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.03.2022	60	0.0	2.1	17.1	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.03.2022	90	0.0	2.1	17.0	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.03.2022	120	0.0	2.1	17.0	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS04	30.03.2022	180	0.0	2.1	17.0	0.0	0.0	1018	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	30.03.2022	0	0.0	1.9	17.6	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	30.03.2022	10	0.0	1.8	17.8	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	30.03.2022	20	0.0	1.8	18.0	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	30.03.2022	30	0.0	1.8	18.0	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	30.03.2022	60	0.0	1.8	18.0	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	30.03.2022	90	0.0	1.8	18.0	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	30.03.2022	120	0.0	1.8	18.0	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	30.03.2022	180	0.0	1.8	18.0	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.03.2022	0	0.0	1.9	18.1	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.03.2022	10	0.0	2.1	17.2	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.03.2022	20	0.0	2.3	16.1	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.03.2022	30	0.0	2.3	16.0	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.03.2022	60	0.0	2.4	15.9	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.03.2022	90	0.0	2.4	15.8	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.03.2022	120	0.0	2.4	15.7	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	30.03.2022	180	0.0	2.4	15.7	0.0	0.0	1016	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
-	-	0								0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
-	-	10								0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
-	-	20								0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
-	-	30								0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
-	-	60								0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
-	-	90								0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: Land South of West Street and West of Loose Lane, Sompting, West Sussex, BN15 0DQ
Ref: ICE0007
Client: Persimmon Homes Thames Valley



Max & Min value check	CH ₄ (%)	CO ₂ (%)	O ₂ (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check			NHBC			
								CH ₄	CO ₂	BS8485 & C665		Flow	CH ₄	CO ₂	CH ₄		CO ₂	
										CH ₄	CO ₂				GSV	Conc.	GSV	Conc.
Max values	0.0	4.1	20.7	0.0	0.0	1042.0	4.9	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
Min Vaues	0.0	0.0	10.8	0.0	0.0	996.0	2.5	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
BH Flow LoD check	0.0	4.1	20.7	0.1	-	-	-	0.000	0.004	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN



AUGUST
2023

BASIC GEOTECHNICAL ASSESSMENT REPORT

For the site at:

Land South of West Street and West of
Loose Lane, Sompting, West Sussex,
BN15 0DQ

On behalf of:

Persimmon Homes Thames
Valley

Job Reference:

ICE0175-BGA-AUG23

IBEX Consulting Engineers Limited

Abbey House, 25 Clarendon Road
Redhill, Surrey, RH1 1QZ
+44(0)1737 452622

Report:	BASIC GEOTECHNICAL ASSESSMENT REPORT
Site:	PHASE 2, LAND SOUTH OF WEST STREET AND WEST OF LOOSE LANE, SOMPTING, WEST SUSSEX, BN15 0DQ
Client:	PERSIMMON HOMES THAMES VALLEY
Date:	30/08/2023
Reference:	ICE0175-BGA-AUG23
Version:	1.0
Prepared by:	
	LEVENT DOGAN BSc, MSc, PGDip, CEng MCIHT, AMICE. AMIEnvSc DIRECTOR
IBEX Consulting Engineers Limited Abbey House, 25 Clarendon Road, Redhill, Surrey, RH1 1QZ +44(0)1737 452622 (ext.2622) www.ibexconsultant.com	

AMENDMENT RECORD

Revision ref.	Date	Reasons for amendment	Author
1.0	30/08/2023	First issue	LD

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DRAWINGS

ICE0175-EHLP-02-REV A	Exploratory Hole Location Plan For Phase II
ICE0175-FZM-02-REV A	Foundation Zoning Map for Phase II

APPENDICES

APPENDIX A	Exploratory Hole Logs and In-Situ Testing Results (SPTs)
APPENDIX B	Geotechnical Testing Results