

29th April 2024

Our ref: GE22132 - LRv1AP240429

Paul Thomas
Wates Developments Limited
Wates House
Station Approach
Leatherhead
KT22 7SW



By Email Only

Dear Paul,

RE: WEST END ROAD, BURSLEDON, HAMPSHIRE, SO31 8BN - GROUND GAS ASSESSMENT & WINTER GROUNDWATER MONITORING

Introduction

Geo-Environmental Services Limited (Geo-Environmental) was employed by Wates Developments Limited to undertake an initial site investigation and install dual purpose ground gas and groundwater monitoring wells on the site in November 2023. A Desk Study Report was prepared for the site (GE22135/DSR/DEC23) by Geo-Environmental in December 2023. The Ground Investigation referenced (GE22135-GAR-DEC23) by Geo-Environmental was reported in December 2023.

It was understood that the development would comprise a commercial development with access roads, parking and associated infrastructure.

This letter report details the findings of the ground gas and groundwater level monitoring carried out on the site between November 2023 and April 2024.

The desk study identified plausible off-site sources of potential ground gases or vapours in the form of historical landfills. It was stated if any organic rich Made Ground was encountered as part of the investigation, then this may represent a viable on-site source of ground gases/vapours. It should be noted that no organic matter or inclusions, or organoleptic evidence of contamination was encountered during the intrusive investigation carried out in November 2023. Made Ground was only encountered within WS01 at depths of between 0.20m and 0.50m bgl and formed re-worked slightly sandy slightly gravelly silt with clasts of brick and tarmacadam. This aside, ground gas monitoring was undertaken on site at the same time as proposed winter groundwater level monitoring and was not based on any specific potential ground gas risk posed to the site.

Investigation

Dual purpose ground gas and groundwater monitoring wells were installed within ten boreholes (WS01-WS03, WS05-WS11) on site to depths of between 1.30m and 4.00m below ground level (bgl) in November 2023. Groundwater levels were monitored during twelve visits undertaken between November 2023 and April 2024. Ground gas readings were also undertaken during the first six of the visits.

The response zones for the monitoring wells are summarised in Table 1.

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Location	Top of Response Zone (m bgl)	Base of Response Zone (m bgl)	Response Zone Strata
WS01	1.00	3.00	River Terrace Deposits
WS02	1.00	4.00	River Terrace Deposits
WS03	1.00	1.60	River Terrace Deposits
WS05	1.00	1.30	River Terrace Deposits
WS06	1.00	2.30	River Terrace Deposits
WS07	1.00	3.00	River Terrace Deposits
WS08	1.00	1.30	River Terrace Deposits
WS09	1.00	1.50	River Terrace Deposits
WS10	1.00	3.00	River Terrace Deposits
WS11	1.00	4.00	River Terrace Deposits

Table 1: Monitoring Well Response Zones

Ground Gas

The ten positions were monitored for methane, carbon dioxide, oxygen, volatile organic compounds (VOC) and borehole gas flow, during high and falling atmospheric pressures on six occasions between November 2023 and January 2024. It should be noted that during the monitoring period some locations were not monitored or provided very little information due to the shallow depths of groundwater over the winter period.

Recommendations on acceptable gas levels recorded in the ground beneath or adjacent to buildings are given in a variety of publications. For the purpose of this assessment, the results have been evaluated in terms of British Standard BS8485+A1 entitled '*Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings* (2019) and NHBC report 10627-R01(04) entitled '*Guidance on evaluation of development proposals where methane and carbon dioxide are present*' (2007).

It should be noted that the two publications referenced above give different thresholds for the requirements for ground gas protection measures for carbon dioxide. The use of the 'traffic light' classification given in the NHBC report 10627-R01(04) is only appropriate for residential buildings, where the proposed buildings have a floor plan of c.8.00m x 8.00m, giving a floor area of c.64m², a minimum clear void of 150mm, and a complete volume change of the sub-floor void every 24hrs. Where the proposed structures do not conform to these criteria, as is the case for the proposed development, the classification system given in BS8485 (Table 2) should be used.

CS	Hazard potential	Site characteristic GSV ^{A)} L/h	Additional factors
CS1	Very low	<0.07	Typically <1% methane concentration and <5% carbon dioxide concentration (otherwise consider an increase to CS2)
CS2	Low	0.07 to <0.7	Typical measured flow rate <70 L/h (otherwise consider an increase to CS3)
CS3	Moderate	0.7 to <3.5	–
CS4	Moderate to high	3.5 to <15	–
CS5	High	15 to <70	–
CS6	Very high	>70	–

^{A)} The figures used in this column are empirical.

NOTE The CS is equivalent to the characteristic GSV in CIRIA C665 [6].

Table 2: Characteristic Gas Situation (CS) by Site Characteristic Gas Screening Value (GSV) – BS8485 (2019)

In line with best practice, it should be noted that any results from standpipes which contained fully saturated response zones have been ignored as the readings are not reliable nor likely to be representative of the ground gas regime.

During the monitoring period, methane was recorded within the range of 0.0% v/v to 0.2% v/v, whilst carbon dioxide and oxygen have been recorded within the ranges of 0.0% v/v to 12.9% v/v and 9.7% v/v to 21.8% v/v respectively. Atmospheric pressures were recorded between 978mb and 1026mb during the six monitoring visits. Negligible VOC concentrations of between 0.0ppm and 1.3ppm were recorded. A maximum positive borehole flow of 0.1 l/hr was recorded within one location on one occasion during the six ground gas monitoring visits.

The Site Characteristic Gas Screening Value (GSV) is calculated by multiplying the highest flow rate concentration from the entire monitoring dataset, by the highest gas concentration from the entire monitoring dataset and dividing the result by 100.

Given that no borehole flow rate was recorded during the monitoring visits within unsaturated wells, the monitoring equipment's limit of detection (0.1l/hr) has been utilised for the calculation. The GSV calculations for carbon dioxide and methane are presented in Table 3.

Ground Gas	Highest Recorded Concentration (% v/v)	Maximum Potential Flow Rate (l/hr)	Calculation	Site Characteristic Gas Screening Value (GSV)
Carbon Dioxide	12.9	0.1	$\frac{12.9 \times 0.1}{100}$	0.012
Methane	0.2		$\frac{0.2 \times 0.1}{100}$	0.000

Table 3: Site Characteristic Gas Screening Value Calculations

Whilst carbon dioxide concentrations in excess of 5% were recorded within WS010 and WS11 on some occasions, there were no discernible flows and the calculated GSVs were well below the Characteristic 2 thresholds.

Ground Gas Assessment

Viable plausible off-site sources of potential ground gases or vapours in the form of historical landfills were identified by the desk study in the form of historic landfills:

- 25m South- Bursledon Road
- 40m South-West - Bursledon Road
- 358m North – Pinewood Park
- 453m South-East – Providence Hill

However, the nearest of these were to the south of the site well away from the locations of WS10 and WS11 and the wells nearer to these historic sources revealed no evidence of ground gas migration.

No plausible significant on-site source of carbon dioxide has been established by the desk study or intrusive investigation, therefore it is considered that the carbon dioxide recorded in WS10 and WS11 is most likely being produced mainly via biological respiration within the soils beneath the site and as such forms a low-risk source.

No significantly elevated flow rates were recorded within any of the monitoring wells throughout the duration of the gas monitoring with the maximum flow rate of 0.1l/hr used as the equipment's limit of detection.

The construction of the monitoring wells could have led to the creation of initially aerobic, rapidly becoming anaerobic conditions within the monitoring wells leading to an increase in carbon dioxide on a very small scale, within the monitoring well void, not the soil mass, producing the elevated concentrations recorded. Therefore, it is not considered necessary to increase the classification of the site's gassing regime based on the exceedances of the 5% concentration for carbon dioxide.

Based on all the lines of evidence presented above, it is considered in relation to the proposed development, that the site should be considered as Characteristic Situation 1.

Groundwater/Water Depth

The River Terrace Deposits and Wittering Formation identified beneath the site was classified as Secondary A Aquifers. During the investigation in November 2023 groundwater was encountered within WS02, WS05-WS08 and WS11 at depths of between 0.45m and 3.47m bgl, then standing at depths of between 0.45m and 2.78m bgl after twenty minutes.

Groundwater monitoring wells were installed to depths of between 1.30m and 4.00m bgl within each of the dynamic sampler boreholes (WS01-WS03, WS05-WS011). Water depths were recorded within the monitoring wells on twelve occasions between November 2023 and April 2024 as summarised in Table 4.

Location	Date	GWL (m bgl)	GWL (m AOD)*
WS01	27/11/2023	1.91	62.13
	12/12/2023	0.08	63.96
	19/12/2023	1.64	62.40
	03/01/2024	1.01	63.04
	17/01/2024	2.31	61.73
	31/01/2024	2.22	61.82
	09/02/2024	1.53	62.51
	28/02/2024	1.08	62.96
	13/03/2024	1.40	62.64
	26/03/2024	2.26	61.78
	10/04/2024	1.79	62.25
	23/04/2024	1.81	62.23
WS02	27/11/2023	1.54	58.46
	12/12/2023	0.87	59.13
	16/12/2023	1.36	58.64
	03/01/2024	0.77	59.23
	17/01/2024	1.72	58.28
	31/01/2024	1.67	58.33
	09/02/2024	0.76	59.24
	28/02/2024	0.85	59.15
	13/03/2024	0.82	59.18
	26/03/2024	1.53	58.47
	10/04/2024	1.19	58.81
	23/04/2024	2.23	57.77
WS03	27/11/2023	0.98	54.14
	12/12/2023	0.19	54.93
	16/12/2023	1.00	54.12
	03/01/2024	0.56	54.56
	17/01/2024	Dry at 1.20mbgl	-
	31/01/2024	1.16	53.96
	09/02/2024	0.26	54.86
	28/02/2024	0.87	54.25
	13/03/2024	0.82	54.30
	26/03/2024	1.19	53.93
	10/04/2024	1.06	54.06
	23/04/2024	Dry at 1.20m bgl	-
WS05	27/11/2023	0.00	57.21
	12/12/2023	0.00	57.21
	16/12/2023	0.00	57.21
	03/01/2024	0.00	57.21
	17/01/2024	0.33	56.88
	31/01/2024	0.10	57.11
	09/02/2024	0.00	57.21
	28/02/2024	0.02	57.19
	13/03/2024	0.05	57.16
	26/03/2024	0.28	56.93
	10/04/2024	0.22	56.99
	23/04/2024	0.66	56.55
WS06	27/11/2023	0.02	57.81
	12/12/2023	0.00	57.83
	16/12/2023	0.00	57.83

Location	Date	GWL (m bgl)	GWL (m AOD)*
	03/01/2024	0.05	57.78
	17/01/2024	0.33	57.50
	31/01/2024	0.36	57.47
	09/02/2024	0.02	57.81
	28/02/2024	0.18	57.65
	13/03/2024	0.06	57.77
	26/03/2024	0.37	57.46
	10/04/2024	0.33	57.50
	23/04/2024	0.69	57.14
WS07	27/11/2023	0.00	59.22
	12/12/2023	0.05	59.17
	16/12/2023	0.02	59.20
	03/01/2024	0.00	59.22
	17/01/2024	0.12	59.10
	31/01/2024	0.50	58.70
	09/02/2024	0.00	59.22
	28/02/2024	0.00	59.22
	13/03/2024	0.00	59.22
	26/03/2024	0.06	59.14
	10/04/2024	0.09	59.11
	23/04/2024	0.12	59.10
WS08	27/11/2023	0.37	55.84
	12/12/2023	0.19	56.02
	16/12/2023	0.40	55.81
	03/01/2024	0.18	56.03
	17/01/2024	Dry at 0.99mbgl	-
	31/01/2024	0.87	55.34
	09/02/2024	0.23	55.98
	28/02/2024	0.45	55.76
	13/03/2024	0.27	55.94
	26/03/2024	0.88	55.33
	10/04/2024	0.58	55.63
	23/04/2024	Dry at 0.99mbgl	-
WS09	27/11/2023	0.12	55.90
	12/12/2023	0.00	56.02
	16/12/2023	0.00	56.02
	03/01/2024	0.01	56.01
	17/01/2024	0.33	55.69
	31/01/2024	0.39	55.63
	09/02/2024	0.02	56.00
	28/02/2024	0.09	55.93
	13/03/2024	0.04	55.98
	26/03/2024	0.39	55.63
	10/04/2024	0.19	55.83
	23/04/2024	0.59	55.43

Location	Date	GWL (m bgl)	GWL (m AOD)*
WS10	27/11/2023	0.77	61.03
	12/12/2023	0.46	61.34
	16/12/2023	0.42	61.38
	03/01/2024	0.28	61.52
	17/01/2024	0.30	61.50
	31/01/2024	1.36	60.44
	09/02/2024	0.04	61.76
	28/02/2024	0.37	61.43
	13/03/2024	0.20	61.60
	26/03/2024	0.48	61.32
	10/04/2024	0.84	60.96
	23/04/2024	1.80	60.00
WS11	27/11/2023	0.00	65.53
	12/12/2023	0.01	65.52
	16/12/2023	0.25	65.28
	03/01/2024	0.00	65.53
	17/01/2024	1.55	63.98
	31/01/2024	1.57	63.96
	09/02/2024	0.07	65.46
	28/02/2024	0.36	65.17
	13/03/2024	0.83	64.70
	26/03/2024	1.53	64.00
	10/04/2024	1.05	64.48
	23/04/2024	2.29	63.24

Table 4: Summary of Recorded Groundwater Depths within Monitoring Wells (WS01-WS03, WS05-WS11)

It should be noted that changes in groundwater and perched water levels do occur for a number of reasons including seasonal effects and variations in drainage. Such fluctuations may only be recorded by the measurement of the groundwater level within a series of standpipes or piezometers installed within appropriate response zones.

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

Yours sincerely
For and on Behalf of Geo-Environmental Services Ltd



ANTHONY POTTER BSc (Hons), MSc, FGS
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Encs - Ground Gas Assessment
- Standpipe Location Plan
- Intrusive Investigation Logs

Project: West End Road, Bursledon
 Ref: GE22135
 Client: Wates Developments Limited



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	27/11/23	0				-	-	-	1.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	27/11/23	10				-	-	-	1.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	27/11/23	20				-	-	-	1.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	27/11/23	30				-	-	-	1.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	27/11/23	60				-	-	-	1.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	27/11/23	90				-	-	-	1.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	27/11/23	120				-	-	-	1.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	27/11/23	180				-	-	-	1.91	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27/11/23	0	0.0	0.0	19.9	0.0	0.0	987	1.54	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27/11/23	10	0.0	1.0	19.7	0.0	0.0	987	1.54	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27/11/23	20	0.0	1.4	19.2	0.0	0.0	987	1.54	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27/11/23	30	0.0	1.5	19.1	0.0	0.0	987	1.54	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27/11/23	60	0.0	1.5	18.9	0.0	0.0	987	1.54	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27/11/23	90	0.0	1.5	18.8	0.0	0.0	987	1.54	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27/11/23	120	0.0	1.5	18.8	0.0	0.0	987	1.54	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	27/11/23	180	0.0	1.4	18.9	0.0	0.0	987	1.54	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27/11/23	0	0.0	0.0	20.0	0.0	0.0	986	0.98	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27/11/23	10	0.0	2.5	18.2	0.0	0.0	986	0.98	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27/11/23	20	0.0	3.7	16.0	0.0	0.0	986	0.98	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27/11/23	30	0.0	3.8	15.3	0.0	0.0	986	0.98	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27/11/23	60	0.0	3.9	15.3	0.0	0.0	986	0.98	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27/11/23	90	0.0	3.9	15.3	0.0	0.0	986	0.98	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27/11/23	120	0.0	3.9	15.3	0.0	0.0	986	0.98	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	27/11/23	180	0.0	3.9	15.3	0.0	0.0	986	0.98	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27/11/23	0				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27/11/23	10				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27/11/23	20				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27/11/23	30				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27/11/23	60				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27/11/23	90				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27/11/23	120				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	27/11/23	180				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	27/11/23	0				-	-	-	0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	27/11/23	10				-	-	-	0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	27/11/23	20				-	-	-	0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	27/11/23	30				-	-	-	0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	27/11/23	60				-	-	-	0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	27/11/23	90				-	-	-	0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	27/11/23	120				-	-	-	0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	27/11/23	180				-	-	-	0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	27/11/23	0				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	27/11/23	10				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	27/11/23	20				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	27/11/23	30				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	27/11/23	60				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: West End Road, Bursledon
Ref: GE22135
Client: Wates Developments Limited



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	27/11/23	90				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	27/11/23	120				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	27/11/23	180				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27/11/23	0	0.0	0.1	19.3	0.0	0.0	987	0.37	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27/11/23	10	0.0	0.5	20.1	0.0	0.0	987	0.37	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27/11/23	20	0.0	0.3	20.2	0.0	0.0	987	0.37	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27/11/23	30	0.0	0.2	20.2	0.0	0.0	987	0.37	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27/11/23	60	0.0	0.1	20.2	0.0	0.0	987	0.37	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27/11/23	90	0.0	0.1	20.2	0.0	0.0	987	0.37	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27/11/23	120	0.0	0.0	20.2	0.0	0.0	987	0.37	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	27/11/23	180	0.0	0.0	20.2	0.0	0.0	987	0.37	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27/11/23	0				0.0	0.0	990	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27/11/23	10				0.0	0.0	990	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27/11/23	20				0.0	0.0	990	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27/11/23	30				0.0	0.0	990	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27/11/23	60				0.0	0.0	990	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27/11/23	90				0.0	0.0	990	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27/11/23	120				0.0	0.0	990	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	27/11/23	180				0.0	0.0	990	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27/11/23	0	0.0	1.3	19.6	0.0	0.0	1019	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27/11/23	10	0.0	2.8	17.8	0.0	0.0	1019	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27/11/23	20	0.0	3.0	17.4	0.0	0.0	1019	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27/11/23	30	0.0	3.0	17.2	0.0	0.0	1019	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27/11/23	60	0.0	3.0	17.0	0.0	0.0	1019	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27/11/23	90	0.0	3.1	16.9	0.0	0.0	1019	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27/11/23	120	0.0	3.1	16.9	0.0	0.0	1019	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	27/11/23	180	0.0	3.1	16.9	0.0	0.0	1019	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27/11/23	0								0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27/11/23	10				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27/11/23	20				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27/11/23	30				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27/11/23	60				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27/11/23	90				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27/11/23	120				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	27/11/23	180				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	12/12/23	0							0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	12/12/23	10				-	-	-	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	12/12/23	20				-	-	-	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	12/12/23	30				-	-	-	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	12/12/23	60				-	-	-	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	12/12/23	90				-	-	-	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	12/12/23	120				-	-	-	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	12/12/23	180				-	-	-	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	12/12/23	0	0.0	0.1	19.6	0.0	0.0	998	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	12/12/23	10	0.0	1.9	18.7	0.0	0.0	998	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

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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	12/12/23	20	0.0	2.2	17.8	0.0	0.0	998	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	12/12/23	30	0.0	2.3	17.7	0.0	0.0	998	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	12/12/23	60	0.0	2.3	17.5	0.0	0.0	998	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	12/12/23	90				0.0	0.0	998	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	12/12/23	120				0.0	0.0	998	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	12/12/23	180				0.0	0.0	998	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	12/12/23	0	0.0	0.7	20.0	0.0	0.0	1011	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	12/12/23	10				0.0	0.0	1011	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	12/12/23	20				0.0	0.0	1011	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	12/12/23	30				0.0	0.0	1011	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	12/12/23	60				0.0	0.0	1011	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	12/12/23	90				0.0	0.0	1011	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	12/12/23	120				0.0	0.0	1011	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	12/12/23	180				0.0	0.0	1011	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	12/12/23	0						983	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	12/12/23	10				-	-	983	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	12/12/23	20				-	-	983	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	12/12/23	30				-	-	983	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	12/12/23	60				-	-	983	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	12/12/23	90				-	-	983	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	12/12/23	120				-	-	983	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	12/12/23	180				-	-	983	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	12/12/23	0							0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	12/12/23	10				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	12/12/23	20				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	12/12/23	30				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	12/12/23	60				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	12/12/23	90				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	12/12/23	120				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	12/12/23	180				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	12/12/23	0						994	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	12/12/23	10				-	-	994	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	12/12/23	20				-	-	994	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	12/12/23	30				-	-	994	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	12/12/23	60				-	-	994	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	12/12/23	90				-	-	994	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	12/12/23	120				-	-	994	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	12/12/23	180				-	-	994	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	12/12/23	0	0.0	1.0	17.9	0.0	0.0	983	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	12/12/23	10	0.0	0.6	18.7	0.0	0.0	983	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	12/12/23	20				0.0	0.0	983	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	12/12/23	30				0.0	0.0	983	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	12/12/23	60				0.0	0.0	983	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	12/12/23	90				0.0	0.0	983	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	12/12/23	120				0.0	0.0	983	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

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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	12/12/23	180				0.0	0.0	983	0.19	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	12/12/23	0				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	12/12/23	10				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	12/12/23	20				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	12/12/23	30				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	12/12/23	60				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	12/12/23	90				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	12/12/23	120				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	12/12/23	180				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	12/12/23	0	0.0	0.0	19.7	0.0	0.0	989	0.46	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	12/12/23	10	0.0	0.0	20.4	0.0	0.0	989	0.46	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	12/12/23	20	0.0	0.1	20.3	0.0	0.0	989	0.46	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	12/12/23	30	0.0	0.0	20.4	0.0	0.0	989	0.46	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	12/12/23	60	0.0	0.0	20.4	0.0	0.0	989	0.46	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	12/12/23	90	0.0	0.0	20.3	0.0	0.0	989	0.46	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	12/12/23	120				0.0	0.0	989	0.46	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	12/12/23	180				0.0	0.0	989	0.46	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	12/12/23	0				-	-	-	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	12/12/23	10				-	-	-	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	12/12/23	20				-	-	-	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	12/12/23	30				-	-	-	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	12/12/23	60				-	-	-	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	12/12/23	90				-	-	-	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	12/12/23	120				-	-	-	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	12/12/23	180				-	-	-	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	19/12/23	0	0.0	0.3	18.9	0.0	0.0	1007	1.64	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	19/12/23	10	0.0	3.2	14.4	0.0	0.0	1007	1.64	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	19/12/23	20	0.0	2.4	13.4	0.0	0.0	1007	1.64	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	19/12/23	30	0.0	1.2	17.1	0.0	0.0	1007	1.64	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	19/12/23	60	0.0	0.7	18.9	0.0	0.0	1007	1.64	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	19/12/23	90	0.0	0.6	19.2	0.0	0.0	1007	1.64	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	19/12/23	120	0.0	0.6	19.3	0.0	0.0	1007	1.64	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	19/12/23	180	0.0	0.5	19.4	0.0	0.0	1007	1.64	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	19/12/23	0	0.0	0.0	19.8	0.0	0.0	1007	1.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	19/12/23	10	0.0	0.8	19.8	0.0	0.0	1007	1.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	19/12/23	20	0.0	1.1	18.8	0.0	0.0	1007	1.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	19/12/23	30	0.0	1.2	18.7	0.0	0.0	1007	1.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	19/12/23	60	0.0	1.2	18.6	0.0	0.0	1007	1.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	19/12/23	90	0.0	1.2	18.6	0.0	0.0	1007	1.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	19/12/23	120	0.0	1.2	18.6	0.0	0.0	1007	1.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	19/12/23	180	0.0	1.1	18.6	0.0	0.0	1007	1.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	19/12/23	0	0.0	0.1	19.8	0.0	0.0	1007	1.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	19/12/23	10	0.0	2.8	16.5	0.0	0.0	1007	1.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	19/12/23	20	0.0	3.9	14.6	0.0	0.0	1007	1.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	19/12/23	30	0.0	4.0	13.9	0.0	0.0	1007	1.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

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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.
WS03	19/12/23	60	0.0	7.1	13.5	0.0	0.0	1007	1.00	0.000	0.000	CS1	CS1	NO	NO	CO ₂ >CS1 limit	GREEN	GREEN	GREEN	AMBER 1
WS03	19/12/23	90	0.0	4.1	13.5	0.0	0.0	1007	1.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	19/12/23	120	0.0	4.1	13.5	0.0	0.0	1007	1.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	19/12/23	180	0.0	4.1	13.5	0.0	0.0	1007	1.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	19/12/23	0							0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	19/12/23	10				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	19/12/23	20				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	19/12/23	30				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	19/12/23	60				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	19/12/23	90				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	19/12/23	120				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	19/12/23	180				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	19/12/23	0							0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	19/12/23	10				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	19/12/23	20				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	19/12/23	30				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	19/12/23	60				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	19/12/23	90				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	19/12/23	120				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	19/12/23	180				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	19/12/23	0							0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	19/12/23	10				-	-	-	0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	19/12/23	20				-	-	-	0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	19/12/23	30				-	-	-	0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	19/12/23	60				-	-	-	0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	19/12/23	90				-	-	-	0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	19/12/23	120				-	-	-	0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	19/12/23	180				-	-	-	0.02	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	19/12/23	0	0.0	0.1	19.6	0.0	0.0	1007	0.40	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	19/12/23	10	0.0	3.2	10.8	0.0	0.0	1007	0.40	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	19/12/23	20	0.0	3.2	9.7	0.0	0.0	1007	0.40	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	19/12/23	30	0.0	1.6	13.4	0.0	0.0	1007	0.40	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	19/12/23	60	0.0	1.1	16.2	0.0	0.0	1007	0.40	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	19/12/23	90	0.0	0.9	16.9	0.0	0.0	1007	0.40	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	19/12/23	120	0.0	0.9	17.1	0.0	0.0	1007	0.40	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	19/12/23	180	0.0	0.8	17.4	0.0	0.0	1007	0.40	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	19/12/23	0							0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	19/12/23	10				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	19/12/23	20				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	19/12/23	30				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	19/12/23	60				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	19/12/23	90				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	19/12/23	120				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	19/12/23	180				-	-	-	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	19/12/23	0	0.0	0.1	19.3	0.0	0.0	1005	0.42	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

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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	19/12/23	10	0.0	1.0	20.0	0.0	0.0	1005	0.42	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	19/12/23	20	0.0	1.5	19.7	0.0	0.0	1005	0.42	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	19/12/23	30				0.0	0.0	1005	0.42	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	19/12/23	60				0.0	0.0	1005	0.42	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	19/12/23	90				0.0	0.0	1005	0.42	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	19/12/23	120				0.0	0.0	1005	0.42	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	19/12/23	180				0.0	0.0	1005	0.42	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	19/12/23	0	0.0	0.1	19.8	0.0	0.0	1005	0.25	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	19/12/23	10				0.0	0.0	1005	0.25	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	19/12/23	20				0.0	0.0	1005	0.25	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	19/12/23	30				0.0	0.0	1005	0.25	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	19/12/23	60				0.0	0.0	1005	0.25	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	19/12/23	90				0.0	0.0	1005	0.25	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	19/12/23	120				0.0	0.0	1005	0.25	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	19/12/23	180				0.0	0.0	1005	0.25	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	03/01/24	0	0.0	0.3	18.8	0.0	0.0	978	1.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	03/01/24	10	0.0	3.4	16.1	0.0	0.0	978	1.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	03/01/24	20	0.0	1.6	17.0	0.0	0.0	978	1.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	03/01/24	30	0.0	0.8	18.5	0.0	0.0	978	1.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	03/01/24	60	0.0	0.6	19.2	0.0	0.0	978	1.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	03/01/24	90	0.0	0.2	20.0	0.0	0.0	978	1.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	03/01/24	120	0.0	0.2	20.1	0.0	0.0	978	1.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	03/01/24	180	0.0	0.1	20.1	0.0	0.0	978	1.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	03/01/24	0	0.0	0.2	17.6	1.0	0.0	978	0.77	0.000	0.002	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	03/01/24	10	0.0	1.2	18.5	1.0	0.0	978	0.77	0.000	0.012	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	03/01/24	20	0.0	1.7	17.8	1.0	0.0	978	0.77	0.000	0.017	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	03/01/24	30	0.0	1.4	17.6	1.0	0.0	978	0.77	0.000	0.014	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	03/01/24	60	0.0	1.5	17.6	1.0	0.0	978	0.77	0.000	0.015	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	03/01/24	90				1.0	0.0	978	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	03/01/24	120				1.0	0.0	978	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	03/01/24	180				1.0	0.0	978	0.77	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	03/01/24	0	0.0	0.0	19.8	0.0	0.0	978	0.56	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	03/01/24	10	0.0	1.6	19.8	0.0	0.0	978	0.56	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	03/01/24	20	0.0	2.2	18.9	0.0	0.0	978	0.56	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	03/01/24	30	0.0	2.2	18.8	0.0	0.0	978	0.56	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	03/01/24	60	0.0	2.0	18.9	0.0	0.0	978	0.56	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	03/01/24	90	0.0	1.6	19.2	0.0	0.0	978	0.56	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	03/01/24	120	0.0	1.2	19.4	0.0	0.0	978	0.56	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	03/01/24	180	0.0	1.0	19.6	0.0	0.0	978	0.56	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	03/01/24	0								0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	03/01/24	10				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	03/01/24	20				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	03/01/24	30				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	03/01/24	60				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	03/01/24	90				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

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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	03/01/24	120				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	03/01/24	180				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	03/01/24	0	0.0	0.0	20.0	0.0	0.0	978	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	03/01/24	10				0.0	0.0	978	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	03/01/24	20				0.0	0.0	978	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	03/01/24	30				0.0	0.0	978	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	03/01/24	60				0.0	0.0	978	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	03/01/24	90				0.0	0.0	978	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	03/01/24	120				0.0	0.0	978	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	03/01/24	180				0.0	0.0	978	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	03/01/24	0	0.0	0.0	20.4	0.0	0.0	978	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	03/01/24	10				0.0	0.0	978	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	03/01/24	20				0.0	0.0	978	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	03/01/24	30				0.0	0.0	978	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	03/01/24	60				0.0	0.0	978	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	03/01/24	90				0.0	0.0	978	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	03/01/24	120				0.0	0.0	978	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	03/01/24	180				0.0	0.0	978	0.00	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	03/01/24	0	0.0	0.0	20.0	0.0	0.0	978	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	03/01/24	10	0.0	0.0	19.9	0.0	0.0	978	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	03/01/24	20	0.0	0.0	19.8	0.0	0.0	978	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	03/01/24	30	0.0	0.0	20.0	0.0	0.0	978	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	03/01/24	60	0.0	0.0	20.3	0.0	0.0	978	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	03/01/24	90	0.0	0.0	20.3	0.0	0.0	978	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	03/01/24	120	0.0	0.0	20.0	0.0	0.0	978	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	03/01/24	180				0.0	0.0	978	0.18	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	03/01/24	0	0.0	0.0	20.0	0.0	0.0	978	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	03/01/24	10				0.0	0.0	978	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	03/01/24	20				0.0	0.0	978	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	03/01/24	30				0.0	0.0	978	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	03/01/24	60				0.0	0.0	978	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	03/01/24	90				0.0	0.0	978	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	03/01/24	120				0.0	0.0	978	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	03/01/24	180				0.0	0.0	978	0.01	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	03/01/24	0	0.0	0.0	19.9	0.0	0.0	978	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	03/01/24	10	0.0	1.2	20.1	0.0	0.0	978	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	03/01/24	20	0.0	1.9	19.7	0.0	0.0	978	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	03/01/24	30				0.0	0.0	978	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	03/01/24	60				0.0	0.0	978	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	03/01/24	90				0.0	0.0	978	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	03/01/24	120				0.0	0.0	978	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	03/01/24	180				0.0	0.0	978	0.28	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	03/01/24	0								0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	03/01/24	10				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	03/01/24	20				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: West End Road, Bursledon
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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	03/01/24	30				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	03/01/24	60				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	03/01/24	90				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	03/01/24	120				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	03/01/24	180				-	-	-	-	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	17/01/24	0	0.0	0.2	19.4	0.0	0.0	978	2.31	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	17/01/24	10	0.0	2.2	18.8	0.0	0.0	978	2.31	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	17/01/24	20	0.0	0.9	18.6	0.0	0.0	978	2.31	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	17/01/24	30	0.0	0.6	19.4	0.0	0.0	978	2.31	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	17/01/24	60	0.0	0.4	19.9	0.0	0.0	978	2.31	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	17/01/24	90	0.0	0.3	20.0	0.0	0.0	978	2.31	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	17/01/24	120	0.0	0.3	20.0	0.0	0.0	978	2.31	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	17/01/24	180	0.0	0.2	20.1	0.0	0.0	978	2.31	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	17/01/24	0	0.0	0.0	19.7	0.0	0.0	978	1.72	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	17/01/24	10	0.0	1.0	20.0	0.0	0.0	978	1.72	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	17/01/24	20	0.0	1.6	19.3	0.0	0.0	978	1.72	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	17/01/24	30	0.0	1.7	19.1	0.0	0.0	978	1.72	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	17/01/24	60	0.0	1.7	19.0	0.0	0.0	978	1.72	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	17/01/24	90	0.0	1.7	19.0	0.0	0.0	978	1.72	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	17/01/24	120	0.0	1.7	19.0	0.0	0.0	978	1.72	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	17/01/24	180	0.0	1.6	19.0	0.0	0.0	978	1.72	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	17/01/24	0	0.0	0.0	19.7	0.0	0.0	978	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	17/01/24	10	0.0	0.8	19.8	0.0	0.0	978	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	17/01/24	20	0.0	2.0	18.2	0.0	0.0	978	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	17/01/24	30	0.0	1.9	18.0	0.0	0.0	978	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	17/01/24	60	0.0	2.0	17.8	0.0	0.0	978	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	17/01/24	90	0.0	2.0	17.8	0.0	0.0	978	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	17/01/24	120	0.0	1.8	18.0	0.0	0.0	978	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	17/01/24	180	0.0	1.8	18.1	0.0	0.0	978	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	17/01/24	0	0.0	0.0	19.3	0.0	0.0	979	0.33	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	17/01/24	10	0.0	0.0	19.9	0.0	0.0	979	0.33	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	17/01/24	20	0.0	0.0	20.0	0.0	0.0	979	0.33	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	17/01/24	30	0.0	0.0	20.0	0.0	0.0	979	0.33	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	17/01/24	60	0.0	0.0	20.0	0.0	0.0	979	0.33	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	17/01/24	90	0.0	0.0	20.0	0.0	0.0	979	0.33	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	17/01/24	120	0.0	0.0	20.0	0.0	0.0	979	0.33	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	17/01/24	180	0.0	0.0	20.0	0.0	0.0	979	0.33	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	17/01/24	0				-	-	-	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	17/01/24	10				-	-	-	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	17/01/24	20				-	-	-	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	17/01/24	30				-	-	-	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	17/01/24	60				-	-	-	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	17/01/24	90				-	-	-	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	17/01/24	120				-	-	-	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	17/01/24	180				-	-	-	0.05	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

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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	17/01/24	0	0.0	0.0	19.7	0.0	0.0	978	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	17/01/24	10				0.0	0.0	978	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	17/01/24	20				0.0	0.0	978	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	17/01/24	30				0.0	0.0	978	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	17/01/24	60				0.0	0.0	978	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	17/01/24	90				0.0	0.0	978	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	17/01/24	120				0.0	0.0	978	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	17/01/24	180				0.0	0.0	978	0.12	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	17/01/24	0	0.0	0.1	19.8	0.0	0.0	979	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	17/01/24	10	0.0	2.0	16.4	0.0	0.0	979	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	17/01/24	20	0.0	2.0	16.8	0.0	0.0	979	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	17/01/24	30	0.0	0.8	16.5	0.0	0.0	979	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	17/01/24	60	0.0	0.4	18.7	0.0	0.0	979	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	17/01/24	90	0.0	0.4	19.0	0.0	0.0	979	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	17/01/24	120	0.0	0.5	18.7	0.0	0.0	979	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	17/01/24	180	0.0	0.5	18.7	0.0	0.0	979	Dry	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	17/01/24	0	0.0	0.0	19.6	0.0	0.0	978	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	17/01/24	10	0.0	0.2	20.0	0.0	0.0	978	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	17/01/24	20	0.0	0.8	19.6	0.0	0.0	978	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	17/01/24	30	0.0	0.6	19.6	0.0	0.0	978	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	17/01/24	60	0.0	0.4	19.8	0.0	0.0	978	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	17/01/24	90	0.0	0.2	20.0	0.0	0.0	978	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	17/01/24	120	0.0	0.1	20.0	0.0	0.0	978	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	17/01/24	180	0.0	0.1	20.0	0.0	0.0	978	0.45	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	17/01/24	0	0.0	0.0	19.6	0.0	0.0	978	0.30	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	17/01/24	10	0.0	0.0	20.1	0.0	0.0	978	0.30	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	17/01/24	20	0.0	0.5	19.8	0.0	0.0	978	0.30	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	17/01/24	30	0.0	0.1	19.9	0.0	0.0	978	0.30	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	17/01/24	60	0.0	0.0	19.9	0.0	0.0	978	0.30	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	17/01/24	90	0.0	0.0	19.9	0.0	0.0	978	0.30	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	17/01/24	120	0.0	0.0	19.9	0.0	0.0	978	0.30	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	17/01/24	180				0.0	0.0	978	0.30	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	17/01/24	0	0.0	0.0	19.8	0.0	0.0	978	1.55	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	17/01/24	10	0.0	2.7	17.3	0.0	0.0	978	1.55	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	17/01/24	20	0.0	5.2	12.9	0.0	0.0	978	1.55	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 1
WS11	17/01/24	30	0.0	5.4	12.2	0.0	0.0	978	1.55	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 1
WS11	17/01/24	60	0.0	5.6	11.9	0.0	0.0	978	1.55	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 1
WS11	17/01/24	90	0.0	5.6	12.0	0.0	0.0	978	1.55	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 1
WS11	17/01/24	120	0.0	5.7	12.0	0.0	0.0	978	1.55	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 1
WS11	17/01/24	180	0.0	5.7	12.0	0.0	0.0	978	1.55	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 1
WS01	31/01/24	0	0.2	0.1	21.5	0.0	0.0	1025	2.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	31/01/24	10	0.2	1.7	21.4	0.0	0.0	1025	2.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	31/01/24	20	0.2	2.2	20.7	0.0	0.0	1025	2.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	31/01/24	30	0.2	2.5	20.3	0.0	0.0	1025	2.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	31/01/24	60	0.2	3.0	19.9	0.0	0.0	1025	2.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

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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	31/01/24	90	0.2	3.5	19.5	0.0	0.0	1025	2.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	31/01/24	120	0.2	3.6	19.4	0.0	0.0	1025	2.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS01	31/01/24	180	0.2	3.7	19.4	0.0	0.0	1025	2.22	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	31/01/24	0	0.2	0.2	21.5	0.0	0.0	1026	1.67	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	31/01/24	10	0.2	2.0	21.1	0.0	0.0	1026	1.67	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	31/01/24	20	0.2	2.0	20.0	0.0	0.0	1026	1.67	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	31/01/24	30	0.2	2.1	19.4	0.0	0.0	1026	1.67	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	31/01/24	60	0.2	2.0	19.2	0.0	0.0	1026	1.67	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	31/01/24	90	0.2	2.0	19.2	0.0	0.0	1026	1.67	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	31/01/24	120	0.2	1.9	19.2	0.0	0.0	1026	1.67	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS02	31/01/24	180	0.2	1.8	19.2	0.0	0.0	1026	1.67	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31/01/24	0	0.1	0.1	21.5	0.0	0.6	1025	1.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31/01/24	10	0.1	2.9	20.9	0.0	0.6	1025	1.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31/01/24	20	0.2	2.9	19.0	0.0	0.6	1025	1.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31/01/24	30	0.2	3.0	18.4	0.0	0.6	1025	1.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31/01/24	60	0.2	3.0	18.3	0.0	0.6	1025	1.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31/01/24	90	0.2	2.8	18.5	0.0	0.6	1025	1.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31/01/24	120	0.1	2.5	18.9	0.0	0.6	1025	1.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS03	31/01/24	180	0.1	2.3	19.2	0.0	0.6	1025	1.16	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31/01/24	0	0.1	0.1	21.5	0.0	0.9	1025	0.10	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31/01/24	10				0.0	0.9	1025	0.10	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31/01/24	20				0.0	0.9	1025	0.10	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31/01/24	30				0.0	0.9	1025	0.10	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31/01/24	60				0.0	0.9	1025	0.10	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31/01/24	90				0.0	0.9	1025	0.10	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31/01/24	120				0.0	0.9	1025	0.10	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS05	31/01/24	180				0.0	0.9	1025	0.10	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31/01/24	0	0.2	0.2	21.4	0.0	0.4	1025	0.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31/01/24	10				0.0	0.4	1025	0.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31/01/24	20				0.0	0.4	1025	0.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31/01/24	30				0.0	0.4	1025	0.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31/01/24	60				0.0	0.4	1025	0.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31/01/24	90				0.0	0.4	1025	0.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31/01/24	120				0.0	0.4	1025	0.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS06	31/01/24	180				0.0	0.4	1025	0.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31/01/24	0						1025	0.50	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31/01/24	10				-	-	1025	0.50	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31/01/24	20				-	-	1025	0.50	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31/01/24	30				-	-	1025	0.50	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31/01/24	60				-	-	1025	0.50	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31/01/24	90				-	-	1025	0.50	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31/01/24	120				-	-	1025	0.50	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS07	31/01/24	180				-	-	1025	0.50	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	31/01/24	0	0.2	0.2	21.5	0.0	1.3	1025	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	31/01/24	10	0.2	0.2	21.5	0.0	1.3	1025	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN

Project: West End Road, Bursledon
Ref: GE22135
Client: Wates Developments Limited



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	31/01/24	20	0.2	0.9	21.0	0.0	1.3	1025	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	31/01/24	30	0.1	0.8	21.0	0.0	1.3	1025	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	31/01/24	60	0.1	0.9	20.8	0.0	1.3	1025	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	31/01/24	90	0.1	0.9	20.7	0.0	1.3	1025	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	31/01/24	120	0.1	0.9	20.6	0.0	1.3	1025	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS08	31/01/24	180	0.1	1.0	20.4	0.0	1.3	1025	0.87	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31/01/24	0	0.1	0.1	21.4	0.0	0.4	1025	0.39	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31/01/24	10	0.1	0.8	21.1	0.0	0.4	1025	0.39	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31/01/24	20	0.1	0.6	21.1	0.0	0.4	1025	0.39	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31/01/24	30	0.1	0.5	21.2	0.0	0.4	1025	0.39	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31/01/24	60	0.1	0.3	21.3	0.0	0.4	1025	0.39	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31/01/24	90	0.1	0.2	21.3	0.0	0.4	1025	0.39	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31/01/24	120	0.1	0.2	21.4	0.0	0.4	1025	0.39	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS09	31/01/24	180	0.1	0.2	21.4	0.0	0.4	1025	0.39	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	31/01/24	0	0.1	0.1	21.7	0.0	0.2	1025	1.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	31/01/24	10	0.1	0.1	20.2	0.0	0.2	1025	1.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	31/01/24	20	0.1	12.5	14.1	0.0	0.2	1025	1.36	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 2
WS10	31/01/24	30	0.1	12.8	13.3	0.0	0.2	1025	1.36	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 2
WS10	31/01/24	60	0.1	12.9	13.1	0.0	0.2	1025	1.36	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 2
WS10	31/01/24	90	0.1	5.0	18.5	0.0	0.2	1025	1.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	AMBER 1
WS10	31/01/24	120	0.1	1.9	21.0	0.0	0.2	1025	1.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS10	31/01/24	180	0.1	1.0	21.4	0.0	0.2	1025	1.36	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	31/01/24	0	0.1	0.2	21.8	0.0	0.2	1023	1.57	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
WS11	31/01/24	10	0.1	6.1	20.1	0.0	0.2	1023	1.57	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 1
WS11	31/01/24	20	0.1	6.2	18.2	0.0	0.2	1023	1.57	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 1
WS11	31/01/24	30	0.1	6.2	17.8	0.0	0.2	1023	1.57	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 1
WS11	31/01/24	60	0.2	6.3	17.7	0.0	0.2	1023	1.57	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 1
WS11	31/01/24	90	0.2	6.3	17.7	0.0	0.2	1023	1.57	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 1
WS11	31/01/24	120	0.2	6.2	17.7	0.0	0.2	1023	1.57	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 1
WS11	31/01/24	180	0.1	6.1	17.8	0.0	0.2	1023	1.57	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 1
Max values			0.2	12.9	21.8	1.0	1.3	1026.0	2.3	0.002	0.129	CS1	CS2	NO	NO	NO	GREEN	GREEN	GREEN	AMBER 2
Min Vaues			0.0	0.0	9.7	0.0	0.0	978.0	0.0	0.000	0.000	CS1	CS1	NO	NO	NO	GREEN	GREEN	GREEN	GREEN
BH Flow LoD check			0.2	12.9	21.8	0.1	-	-	-	0.000	0.013	CS1	CS1	NO	NO	CO2>CS1 limit	GREEN	GREEN	GREEN	AMBER 2

Cell: D8
Comment: Anthony Potter
Missing Bung
24/04/2024 13:33

Cell: D32
Comment: Anthony Potter
Standpipe flooded
24/04/2024 13:39

Cell: D40
Comment: Anthony Potter
Standpipe flooded
24/04/2024 13:39

Cell: D48
Comment: Anthony Potter
Standpipe flooded
24/04/2024 13:40

Cell: D64
Comment: Anthony Potter
Sucked up water immediately
24/04/2024 13:48

Cell: D80
Comment: Anthony Potter
No access due to guard dog
24/04/2024 13:50

Cell: D88
Comment: Anthony Potter
Well flooded
24/04/2024 13:53

Cell: D101
Comment: Anthony Potter
Sucked up water after 60 seconds
24/04/2024 13:54

Cell: D105
Comment: Anthony Potter
Sucked up water immediately
24/04/2024 13:55

Cell: D112
Comment: Anthony Potter
Water at ground level
24/04/2024 13:56

Cell: D120
Comment: Anthony Potter
Water at ground level
24/04/2024 13:57

Cell: D128
Comment: Anthony Potter
Water at ground level
24/04/2024 13:58

Cell: D138
Comment: Anthony Potter
Sucked up water after 10 seconds
24/04/2024 13:59

Cell: D144
Comment: Anthony Potter
Water at ground level
24/04/2024 13:59

Cell: D158
Comment: Anthony Potter
Sucked up water after 90 seconds
24/04/2024 14:00

Cell: D160
Comment: Anthony Potter
Water at ground level
24/04/2024 14:01

Cell: D192
Comment: Anthony Potter
Water at ground level
24/04/2024 14:06

Cell: D200
Comment: Anthony Potter
Water at ground level
24/04/2024 14:06

Cell: D208
Comment: Anthony Potter
Water at ground level
24/04/2024 14:07

Cell: D224
Comment: Anthony Potter
Water at ground level
24/04/2024 14:13

Cell: D235
Comment: Anthony Potter
Sucked up water after 20 seconds
24/04/2024 14:15

Cell: D241
Comment: Anthony Potter
Sucked up water after 2 seconds
24/04/2024 14:15

Cell: D261
Comment: Anthony Potter
Sucked up water at 60 seconds
24/04/2024 14:20

Cell: D272
Comment: Anthony Potter
Well submerged under water
24/04/2024 14:22

Cell: D281
Comment: Anthony Potter
Sucked up water at 0 seconds
24/04/2024 14:23

Cell: D289
Comment: Anthony Potter
Sucked up water at 0 seconds
24/04/2024 14:24

Cell: D303
Comment: Anthony Potter
Sucked up water at 120 seconds
24/04/2024 14:25

Cell: D305
Comment: Anthony Potter
Sucked up water after 0 seconds
24/04/2024 14:26

Cell: D315
Comment: Anthony Potter
Sucked up water after 20 seconds
24/04/2024 14:27

Cell: D320
Comment: Anthony Potter
No access due to guard dog training
24/04/2024 14:27

Cell: D360
Comment: Anthony Potter
Water at ground level
24/04/2024 14:54

Cell: D369
Comment: Anthony Potter
Immediately sucked up water
24/04/2024 14:54

Cell: D399
Comment: Anthony Potter
Pump stopped
24/04/2024 14:57

Cell: D433

Comment: Anthony Potter

Immediately sucked up water

24/04/2024 15:03

Cell: D441

Comment: Anthony Potter

Immediately sucked up water

24/04/2024 15:04

Cell: D448

Comment: Anthony Potter

Well submerged in water

24/04/2024 15:05

Project Title: West End Road
Location : Bursledon, Hampshire
Project No. : GE22135
Client : Wates Developments Ltd

Title : Figure 2 - Exploratory Hole Location Plan
Scale: 1:2000
Engineer: JT



Geo-Environmental

Legend Key

◆ Locations By Type - WLS



Microsoft product screen shot(s) reprinted with permission from Microsoft Corporation



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Borehole No.

WS01

Sheet 1 of 1

Project Name: West End Road

Project No.	GE22135
-------------	---------

Co-ords: 447973E - 111112N

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

Location: Bursledon, Hampshire

Level:	64.04
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Scale
1:25

Client: Wates Developments Ltd

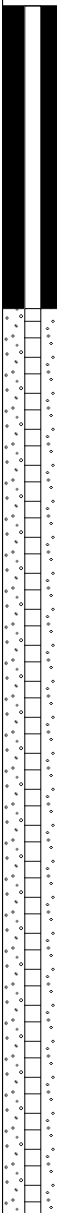
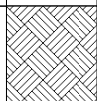
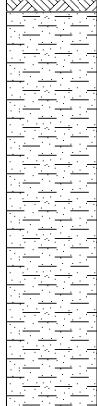
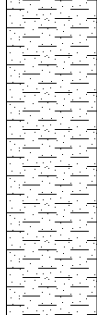
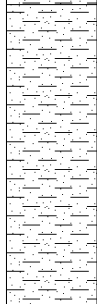
Dates: 22/11/2023

Logged By
WP



Status

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log			Borehole No. WS02 Sheet 1 of 1	
Project Name: West End Road		Project No. GE22135		Co-ords: 447903E - 111041N		Hole Type WLS
Location: Bursledon, Hampshire				Level: 60.00		Scale 1:25
Client: Wates Developments Ltd				Dates: 21/11/2023		Logged By WP

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	ES	N=10 (2,2/3,3,2,2)	0.35	59.65	 Grass overlying dark brown slightly clayey, slightly gravelly slightly sandy SILT. Sand is fine. Gravel is fine subrounded flint. Frequent 1-2mm rootlets. TOPSOIL	1	
		0.50	ES				 Firm orangish brown sandy CLAY. Sand is fine. Frequent 1-2mm subrounded flint. RIVER TERRACE DEPOSITS		
		0.70	D						
		1.00	D						
		1.00	S						
			1.50	D	N=12 (2,2/3,3,3,3)		57.00	 Band of orangish brown gravelly very sandy CLAY. Sand is fine. Gravel is fine to medium subrounded flint.	2
		2.00	D						
		2.00	S						
		2.50	D						
		3.00	S						
		3.50	D	N=11 (1,2/3,3,2,3)	3.00	57.00	 Band of sandy GRAVEL. Sand is fine. Gravel is fine to medium subangular flint.	3	
	4.00	S							
		4.00	S	N=9 (2,2/2,2,3,2)	4.00	56.00	 Firm orangish brown sandy CLAY. Sand is fine. RIVER TERRACE DEPOSITS	4	
							End of Borehole at 4.00m		5

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
			3.00	2.78	


 Status



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Borehole Log

Borehole No.

WS05

Sheet 1 of 1

Project Name: West End Road

Project No.
GE22135

Co-ords: 447781E - 111119N

Hole Type	WLS
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Location: Bursledon, Hampshire

Level: 57.21

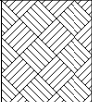
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Client: Wates Developments Ltd

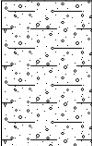
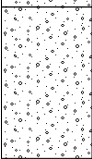
Dates: 22/11/2023

Logged By
WP

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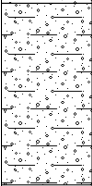
 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS07 Sheet 1 of 1	
Project Name: West End Road				Project No. GE22135		Co-ords: 447841E - 111119N		Hole Type WLS	
Location: Bursledon, Hampshire						Level: 59.22		Scale 1:25	
Client: Wates Developments Ltd						Dates: 22/11/2023		Logged By WP	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES					Grass overlying dark brown slightly sandy slightly clayey SILT. Sand is fine. Frequent 1-2mm rootlets. TOPSOIL	
		0.40	D		0.35	58.87		Dark greyish brown slightly clayey sandy GRAVEL. RIVER TERRACE DEPOSITS	
					0.50	58.72		Orangish brown very gravelly CLAY. Gravel is fine to coarse subangular flint. RIVER TERRACE DEPOSITS	
		0.80	ES	N=19 (2,3/4,5,5,5)				Medium dense orangish brown slightly gravelly clayey SAND. Sand is fine. Gravel is fine subrounded flint. RIVER TERRACE DEPOSITS	
		0.90	D						
		1.00	S		1.00	58.22		Dense orangish gravelly SAND. Sand is fine. Gravel is fine to medium subrounded to subangular flint. RIVER TERRACE DEPOSITS	
		1.20	D		1.30	57.92		Orangish brown very clayey GRAVEL. Gravel is fine to coarse subangular flint. RIVER TERRACE DEPOSITS	
		1.50	D						
		2.00	D	N=26 (3,5/7,7,6,6)	1.90	57.32		Very dense light greyish brown gravelly SAND. Sand is fine. Gravel is fine to medium subrounded to subangular flint. RIVER TERRACE DEPOSITS	
		2.00	S						
		2.50	D		2.70	56.52		Orangish gravelly SAND. Sand is fine. Gravel is fine to medium subrounded to subangular flint. RIVER TERRACE DEPOSITS	
		2.50	S	N=64 (12,13/14,17,18,15)					
		2.90	D		3.00	56.22		Orangish gravelly SAND. Sand is fine. Gravel is fine to medium subrounded to subangular flint. RIVER TERRACE DEPOSITS	
		3.50	D		3.50	55.72		End of Borehole at 3.50m	
	Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks				
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	Repeated backfilling of hole beyond 3m.				
			2.00	0.65					
 Status									

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log				Borehole No. WS08 Sheet 1 of 1	
Project Name: West End Road		Project No. GE22135		Co-ords: 447732E - 111164N		Hole Type WLS	
Location: Bursledon, Hampshire				Level: 56.21		Scale 1:25	
Client: Wates Developments Ltd				Dates: 22/11/2023		Logged By WP	

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.30	55.91	 Grass overlying dark brown slightly clayey gravelly SILT. Gravel is fine to medium subangular to subrounded flint. Frequent 1-2mm rootlets. TOPSOIL	1	
		0.50	ES				 Brown slightly clayey very sandy GRAVEL. Sand is fine to coarse. Gravel is fine to medium subangular flint. RIVER TERRACE DEPOSITS		
		0.80					 Medium dense becoming very dense orangish brown very sandy GRAVEL. Sand is fine to coarse. Gravel is fine to coarse subangular flint. RIVER TERRACE DEPOSITS		
		1.00 1.00	D S	N=25 (9,7/6,7,6,6)		54.91			
	1.30	S	N=63 (15,13/14,14,17,18)	1.30	End of Borehole at 1.30m				

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks	 Status
Depth Top	Depth Base	Diameter	Depth Strike	Rose To		
			1.00	0.80		

Position relocated to less boggy ground.

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net				Borehole Log				Borehole No. WS09 Sheet 1 of 1	
Project Name: West End Road				Project No. GE22135		Co-ords: 447767E - 111067N		Hole Type WLS	
Location: Bursledon, Hampshire						Level: 56.02		Scale 1:25	
Client: Wates Developments Ltd						Dates: 22/11/2023		Logged By WP	
Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES	N=28 (7,7/8,7,7,6)	0.30	55.72		Grass overlying dark brown slightly clayey slightly gravelly SILT. Gravel is fine to medium subrounded flint. Frequent 1-2mm rootlets. TOPSOIL	1
		0.40	D		0.60	55.42		Soft brown sandy gravelly CLAY. Sand is fine. Gravel is fine to medium subangular flint. RIVER TERRACE DEPOSITS	
		0.80	ES		0.90	55.12		Stiff orangish brown gravelly CLAY. Gravel is fine to medium subangular flint. RIVER TERRACE DEPOSITS	
		1.00 1.00	D S					Medium dense becoming very dense orangish brown clayey sandy GRAVEL. Sand is fine to medium. Gravel is fine to coarse subangular flint. RIVER TERRACE DEPOSITS	
		1.50 1.50	D S	N=65 (13,12/15,11,18,21)	1.50	54.52		End of Borehole at 1.50m	2
									4
									5
Dynamic Sampling Run Details		Water Strike Details (mbgl)		Remarks					
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	Refusal on dense soils af 1.5m bgl				


Status



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Borehole No.

WS10

Sheet 1 of 1

Project Name: West End Road

Project No.
GE22135

Co-ords: 447901E - 111139N

Hole Type
WLS

Location: Bursledon, Hampshire

Level:	61.80
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Scale
1:25

Client: Wates Developments Ltd

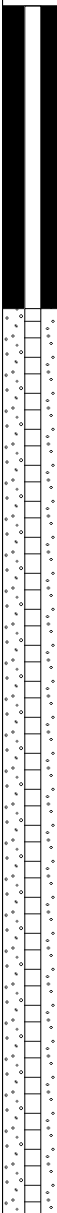
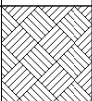
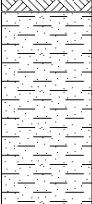
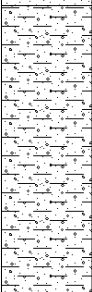
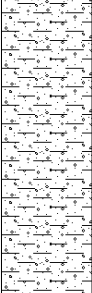
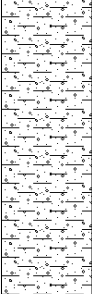
Dates: 21/11/2023

Logged By
WP



Status

 Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net		Borehole Log			Borehole No. WS11 Sheet 1 of 1	
Project Name: West End Road		Project No. GE22135		Co-ords: 447966E - 111182N		Hole Type WLS
Location: Bursledon, Hampshire				Level: 65.53		Scale 1:25
Client: Wates Developments Ltd				Dates: 21/11/2023		Logged By WP

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.20	ES		0.35	65.18		Grass overlying dark brown slightly sandy clayey SILT. Sand is fine. Frequent 1-2mm rootlets. TOPSOIL	1	
		0.50	D					Firm orangish brown and greyish brown slightly sandy CLAY. RIVER TERRACE DEPOSITS		
		0.80	ES							
			1.00	S	N=16 (2,2/3,4,4,5)	1.00	64.53		Firm to very stiff orangish brown and greyish brown sandy gravelly CLAY. Sand is fine. Gravel is fine to medium subrounded flint. RIVER TERRACE DEPOSITS	2
		1.20	D							
		1.50	D							
			2.00	D		2.00				3
		2.00	S	N=19 (3,3/4,4,5,6)						
		2.50	D							
			3.00	D		3.00				4
		3.00	S	N=20 (4,4/5,4,5,6)						
		4.00	D		4.00	61.53			5	
	4.00	S	N=25 (5,6/5,5,7,8)							
End of Borehole at 4.00m										

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
			3.47	2.60	


 Status