

Location	Methane (% v/v)		Carbon Dioxide (% v/v)		Oxygen (% v/v)		Gas Flow (l/hr)
	Initial	Steady	Initial	Steady	Initial	Steady	
S1	<0.1	<0.1	<0.1	3.1	18.2	17.3	0.2
S1b	<0.1	<0.1	0.1	1.3	19.4	19.2	0.1
S2	<0.1	<0.1	0.3	1.2	19	19	<0.1
S3	<0.1	<0.1	0.1	0.4	20	19.8	<0.1
S4	<0.1	<0.1	0.1	0.5	19.8	19.6	<0.1
S5	<0.1	<0.1	0.1	0.2	20.1	19.9	0.1

Table 1: Results of Gas Monitoring (Gas Spikes) – 22 June 2005

Atmospheric Pressure: 1010(mB)

Equipment Used: Infra Red Gas Analyser (MA008)
Mass Balance Transducer (MA010)

Other Comments: Clear, still and hot

Location	Methane (% v/v)		Carbon Dioxide (% v/v)		Oxygen (% v/v)		Gas Flow (l/hr)
	Initial	Steady	Initial	Steady	Initial	Steady	
S6	<0.1	<0.1	0.1	0.9	19.7	19.8	0.1
S7	<0.1	<0.1	0.2	0.2	20.3	20.5	<0.1
S8	<0.1	<0.1	0.1	0.5	19.5	20.4	<0.1

Table 2: Results of Gas Monitoring (Gas Spikes) – 24 June 2005

Atmospheric Pressure: 1017(mB)

Equipment Used: Infra Red Gas Analyser (MA008)
Mass Balance Transducer (MA010)

Other Comments: Slightly Overcast

Location	Methane (% v/v)		Carbon Dioxide (% v/v)		Oxygen (% v/v)		Gas Flow (l/hr)
	Initial	Steady	Initial	Steady	Initial	Steady	
S9	<0.1	<0.1	0.1	0.1	20.4	20.4	<0.1
S10	<0.1	<0.1	0.1	<0.1	20.5	20.5	<0.1
S11	<0.1	<0.1	0.4	0.1	20.4	20.4	0.1

Table 3: Results of Gas Monitoring (Gas Spikes) – 28 June 2005

Atmospheric Pressure: 1017(mB)

Equipment Used: Infra Red Gas Analyser (MA008)
 Mass Balance Transducer (MA010)

Other Comments: Sunny and Dry

Location	Methane (% v/v)		Carbon Dioxide (% v/v)		Oxygen (% v/v)		Gas Flow (l/hr)
	Initial	Steady	Initial	Steady	Initial	Steady	
S12*	<0.1	<0.1	0.1	<0.1	20.5	20.7	<0.1

Table 4: Results of Gas Monitoring (Gas Spikes) – 30 June 2005

Atmospheric Pressure: 1010(mB)

Equipment Used: Infra Red Gas Analyser (MA008)
 Mass Balance Transducer (MA010)

Other Comments: Overcast, light rain

* Taken at the base of the trench as trench was passing through an area of hardcore (tarmac)

Location	Methane (% v/v)		Carbon Dioxide (% v/v)		Oxygen (% v/v)		Gas Flow (l/hr)
	Initial	Steady	Initial	Steady	Initial	Steady	
S13	<0.1	<0.1	0.1	0.1	20.5	19.8	0.1
S14	<0.1	<0.1	0.6	0.2	19.3	19.6	<0.1

Table 5: Results of Gas Monitoring – 5 July 2005

Atmospheric Pressure: 1006(mB)

Equipment Used: Infra Red Gas Analyser (MA008)
 Mass Balance Transducer (MA010)

Other Comments: Slightly overcast, dry