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# REPORT

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REPORT TITLE:  
**ANALYSIS OF HEADSPACE AND OCCLUDED GAS (C<sub>1</sub>-C<sub>9</sub>)  
 FROM WELL 6507/2-2**

REPORT NO.: 22.2067.00/01/92

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SUMMARY:

This report contains data from gas-chromatographic analysis of headspace and occluded gas from 114 canned cutting samples from well 6507/2-2.

The yields ( $\mu$ l gas/kg dry rock) and relative proportions (vol.%) of 68 hydrocarbon compounds, ranging from C<sub>1</sub> to C<sub>9</sub>, are reported.

KEY WORDS: Well 6507/2-2	Gas analysis
Nordland II	
Organic geochemistry	

**CONTENTS**

	<b>PAGE</b>
1. <b>INTRODUCTION</b> .....	3
2. <b>EXPERIMENTAL METHODS</b> .....	3
3. <b>COMMENTS ON SAMPLES AND ANALYTICAL DATA</b> .....	4

**FIGURES**

Figure 1: Frequency distribution of the water content (wt%) of the >125 $\mu$ m fraction .....	5
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**TABLES**

Table 1: Sample identification and experimental data .....	6
Table 2: Yield of headspace and occluded gas compounds .....	9
Table 3: Composition of hydrocarbons in headspace and occluded gas ...	48

## 1. INTRODUCTION

One hundred and fourteen canned cutting samples from Well 6507/2-2 were received from Norsk Hydro for gas chromatographic analysis of the hydrocarbons contained in the headspace and the occluded gas (C<sub>1</sub>-C<sub>9</sub>), according to Contract No. K04894-00. The samples were received at ambient temperature.

This report contains the results of the gas chromatographic analyses. The hydrocarbon concentrations are expressed as µl gas per kg of dried cuttings (>125µm). The hydrocarbon composition is expressed as volume percent of all recorded hydrocarbons.

## 2. EXPERIMENTAL METHODS

### Headspace gas:

A septum was attached to the can and a sample of the headspace gas was taken for analysis of C<sub>1</sub>-C<sub>9</sub> hydrocarbons.

The gas was analysed on an HP 5880A gas chromatograph fitted with a 50 m x 0.2 mm i.d. fused silica column, coated with 0.5µm OV-101, and equipped with an FID for hydrocarbon analysis.

Temperature program: -30°C (2 min.) - 8°C/min. - 150°C (5 min.).

A standard gas sample containing methane, ethane, propane, n-butane, n-pentane, and n-hexane (1000 ppm each) was used for quantification.

The can was then opened and the volumes of the headspace were determined. The cuttings were washed with warm water (30-40°C) on 4.0, 1.0 and 0.125 mm sieves in order to remove the drilling mud, and were then weighed and dried.

### Occluded gas:

Prior to drying, an aliquot of the 1-4 mm fraction of each sample was crushed in water for 10 minutes using a gas-tight ball mill. The evolved gas was analysed as described for headspace gas.

**Water content:**

The water content was determined by drying the >0.125 mm fraction at 35°C for at least 24 hours. It is assumed that this water content is not significantly different from that of the 1-4 mm fraction.

**3. COMMENTS ON SAMPLES AND ANALYTICAL DATA**

The wet cutting samples were received in pressure-lid cans of 1 l volume. Since the samples had apparently been stored at ambient temperature, a secondary modification of the gas composition by microbial activity cannot be completely ruled out.

Paint flakes were observed in the samples from 3110, 3140, 3170, 3290, 3335, 3620, 3665 and 3695 meters.

For the two occasions where a peak exceeded the range of the Multichrom datasystem, 3320m (H) and 3335m (H), the concentrations of the peaks were calculated manually using HP-integrator data, which covers a wider range than the computer system. These values were then loaded into the reporting software. All peak data (concentrations and composition) should thus be correct in the tables. )

Gas analyses Norsk Hydro Well 6507/2-2

WATER Water content of >125µm fraction (wt%)

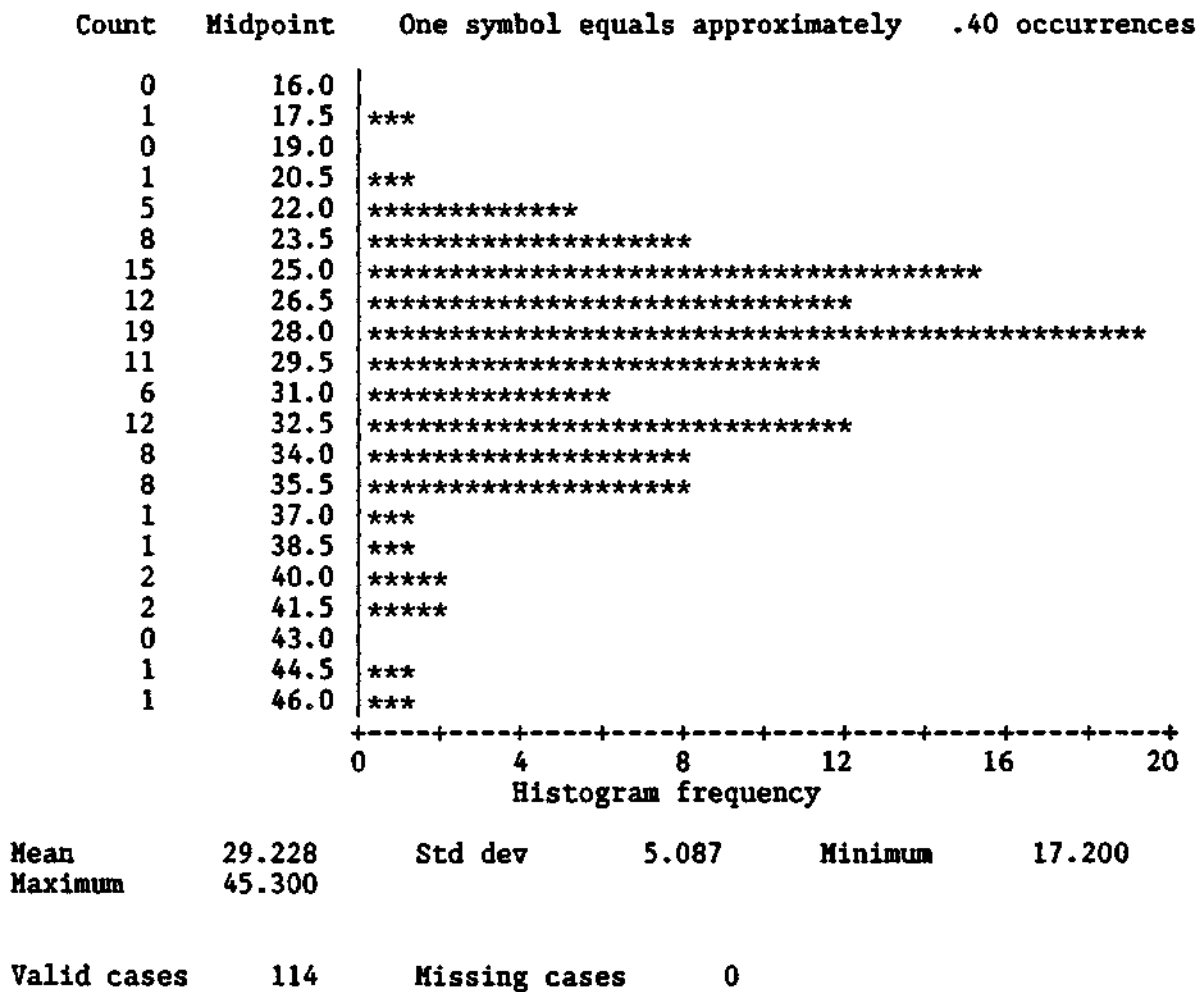


Figure 1 Frequency distribution of the water content (wt%) of the >1.25 µm fraction.

Table 1 Sample identification and experimental data IKU Project 22.2067.00, Norsk Hydro Well 6507/2-2.

Sample weights, water contents, gas volumes

IKU-ID	Depth (m)	Total weight (dry) (g)	Water cont. (wt%)	Total sample volume (ml)	Head-space vol. (ml)	Wt. occl. (dry) (g)	Gas vol. occl. (ml)
C9426	1400	111.9	17.2	550	290	16.0	31.0
C9427	1430	197.9	30.2	700	230	14.4	25.0
C9428	1460	72.2	29.5	590	245	13.9	30.0
C9429	1490	58.7	34.2	630	180	13.2	30.0
C9430	1520	50.6	33.2	770	180	13.4	30.0
C9431	1550	64.3	34.3	670	200	13.3	40.0
C9432	1580	61.2	33.3	760	190	13.3	31.0
C9433	1610	62.1	31.8	750	140	13.7	30.0
C9434	1640	68.0	29.5	780	100	14.1	31.0
C9435	1670	237.4	39.8	854	62	12.2	31.0
C9436	1700	44.3	36.1	850	110	13.0	30.0
C9437	1730	56.6	35.8	750	150	13.1	30.0
C9438	1760	63.7	35.9	760	160	12.9	29.0
C9439	1790	128.6	40.8	784	130	12.3	31.0
C9440	1820	114.8	45.3	760	120	11.4	31.0
C9441	1850	192.7	35.1	630	150	13.0	32.0
C9442	1880	216.5	39.8	660	200	12.0	30.0
C9443	1910	353.9	36.9	744	126	12.6	31.0
C9444	1940	196.9	35.8	670	170	13.1	31.0
C9445	1970	392.7	34.9	620	160	13.3	30.0
C9446	2000	395.3	37.8	650	186	12.9	30.0
C9447	2030	245.0	32.7	550	210	13.6	35.0
C9448	2060	262.3	33.4	630	190	13.7	32.0
C9449	2090	235.1	43.8	530	250	11.3	30.0
C9450	2120	282.5	33.1	700	160	13.4	27.0
C9451	2150	202.0	34.5	660	140	13.2	29.0
C9452	2180	194.9	31.9	710	290	13.7	30.0
C9453	2210	253.7	31.8	700	130	13.8	31.0
C9454	2240	184.1	31.5	730	120	13.7	31.0
C9455	2270	147.5	31.2	690	150	14.1	31.0
C9456	2300	134.8	32.5	510	200	13.5	32.0
C9457	2330	105.3	33.5	480	210	13.3	31.0
C9458	2375	135.5	30.8	460	190	13.8	31.0
C9459	2390	81.6	34.3	560	160	13.5	31.0
C9460	2420	86.2	31.8	580	140	13.6	29.0
C9461	2450	62.7	32.7	550	210	14.0	31.0
C9462	2480	199.3	25.2	730	120	15.1	31.0
C9463	2510	74.5	31.1	500	190	13.8	32.0
C9464	2540	52.2	29.0	470	180	14.3	31.0
C9465	2570	49.1	29.0	440	170	14.4	31.0
C9466	2600	25.9	32.1	470	210	13.4	31.0
C9467	2630	63.1	27.7	740	120	14.5	32.0
C9468	2660	56.2	27.6	710	130	14.5	32.0

Comments:

Total weight and water content relate to >125µm fraction.  
 Total sample volume relates to cuttings plus mud.  
 Headspace volume relates to atmospheric pressure.  
 Gas volume occl. is the volume of the headspace in the ball mill.

Table 1 cont. Sample identification and experimental data IKU Project 22.2067.00, Norsk Hydro Well 6507/2-2.

Sample weights, water contents, gas volumes

IKU-ID	Depth (m)	Total weight (dry) (g)	Water cont. (wt%)	Total sample volume (ml)	Head-space vol. (ml)	Wt. occl. (dry) (g)	Gas vol. occl. (ml)
C9469	2690	44.7	31.3	740	100	13.7	32.0
C9470	2720	43.7	33.3	630	180	13.3	32.0
C9471	2750	45.8	29.8	540	180	14.2	32.0
C9472	2780	26.1	35.2	370	260	11.9	32.0
C9473	2810	70.7	32.2	530	170	13.9	31.0
C9474	2840	154.9	21.9	650	160	14.6	31.0
C9475	2870	60.6	35.4	545	150	12.9	30.0
C9476	2900	102.4	28.1	620	230	14.5	30.0
C9477	2930	130.5	24.4	690	100	15.8	31.0
C9478	2960	98.1	24.5	480	240	15.4	31.0
C9479	2990	130.5	31.0	775	120	13.9	30.0
C9480	3020	59.5	28.5	570	200	12.1	33.0
C9481	3050	64.3	26.6	710	130	14.8	31.0
C9482	3080	57.5	22.6	680	130	13.3	32.0
C9483	3110	63.6	28.6	620	40	14.4	30.0
C9484	3140	53.8	28.8	720	90	15.0	30.0
C9485	3170	64.7	24.9	710	110	13.6	31.0
C9486	3200	73.4	23.4	670	140	15.3	32.0
C9487	3230	97.8	23.0	570	190	15.4	30.0
C9488	3260	74.3	25.7	690	110	14.9	30.0
C9489	3290	275.0	21.3	520	280	15.7	32.0
C9494	3305	384.2	21.3	670	150	15.8	31.0
C9490	3320	211.5	25.7	705	55	14.9	31.0
C9495	3335	513.0	23.0	470	230	15.8	31.0
C9496 <sup>1)</sup>	2990	386.0	41.4	650	170	12.1	28.0
C9497	3020	100.7	30.1	620	140	14.4	30.0
C9498	3050	57.2	29.4	550	140	14.7	30.0
C9499	3080	93.6	31.8	690	140	13.7	30.0
C9500	3110	78.7	28.6	540	180	14.6	32.0
C9501	3140	65.4	26.0	630	150	15.3	31.0
C9502	3170	94.7	24.8	570	110	15.6	29.0
C9503	3200	38.6	25.8	390	210	10.2	35.0
C9504	3230	56.3	26.3	540	140	15.3	32.0
C9505	3260	84.2	25.4	670	140	15.0	31.0
C9506	3290	134.2	21.6	480	230	16.2	31.0
C9493	3305	116.6	24.3	590	140	15.6	30.0
C9507	3320	70.5	26.6	610	190	15.0	31.0
C9492	3335	72.6	25.0	450	250	15.8	29.0
C9491	3350	156.2	28.0	910	40	14.6	31.0
C9508	3365	295.4	23.9	660	150	15.9	32.0
C9509	3380	247.1	24.0	590	170	15.4	30.0
C9510	3395	150.7	25.9	490	180	15.5	32.0
C9511	3410	127.4	24.9	660	130	8.2	36.0

Comments:  
 Total weight and water content relate to >125µm fraction.  
 Total sample volume relates to cuttings plus mud.  
 Headspace volume relates to atmospheric pressure.  
 Gas volume occl. is the volume of the headspace in the ball mill.

<sup>1)</sup> well plugged and deviation drilling started.



Table 1 cont. Sample identification and experimental data IKU Project 22.2067.00, Norsk Hydro Well 6507/2-2.

Sample weights, water contents, gas volumes

IKU-ID	Depth (m)	Total weight (dry) (g)	Water cont. (wt%)	Total sample volume (ml)	Head-space vol. (ml)	Wt. occl. (dry) (g)	Gas vol. occl. (ml)
C9512	3425	177.5	29.0	440	260	14.2	31.0
C9513	3440	137.3	27.9	560	120	14.7	32.0
C9514	3455	202.0	27.9	590	150	14.8	30.0
C9515	3470	192.8	27.4	700	130	14.7	31.0
C9516	3485	198.9	27.9	670	140	14.6	32.0
C9517	3500	270.8	27.1	780	120	14.6	32.0
C9518	3515	186.3	29.1	530	250	14.5	32.0
C9519	3530	333.8	27.1	650	240	14.6	32.0
C9520	3545	205.5	27.3	610	220	14.7	31.0
C9521	3560	310.5	27.3	510	210	14.9	31.0
C9522	3575	229.5	27.3	720	150	14.7	31.0
C9523	3590	163.1	26.1	550	250	15.1	31.0
C9524	3605	82.6	26.0	620	210	8.9	36.0
C9525	3620	139.8	24.1	630	250	11.5	35.0
G5421	3635	131.9	25.1	660	190	15.0	31.0
G5422	3650	148.8	27.4	830	130	14.7	30.0
G5423	3665	253.0	26.2	760	130	15.1	31.0
G5424	3685	420.2	24.4	520	180	15.2	31.0
G5425	3695	528.5	21.1	640	130	11.8	34.0
G5426	3710	329.9	22.9	600	110	15.7	31.0
G5427	3737	241.9	25.1	410	210	15.0	32.0
G5428	3770	751.7	23.2	570	130	15.4	32.0
G5429	3800	355.5	27.9	490	150	14.4	32.0
G5430	3830	253.3	25.9	590	210	15.0	30.0
G5431	3860	232.8	27.9	540	250	14.5	30.0
G5432	3890	304.7	28.0	560	90	14.7	31.0
G5433	3920	469.6	25.0	840	70	15.4	30.0
G5434	3950	454.6	27.7	560	320	15.0	32.0

Comments:

Total weight and water content relate to >125 $\mu$ m fraction.  
 Total sample volume relates to cuttings plus mud.  
 Headspace volume relates to atmospheric pressure.  
 Gas volume occl. is the volume of the headspace in the ball mill.



*Table 2: Yield of headspace and occluded gas compounds*

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9426/H 1400.00	C9426/O 1400.00	C9427/H 1430.00	C9427/O 1430.00	C9428/H 1460.00	C9428/O 1460.00
C1		22247.97	472.38	24570.75	312.40	46598.23	480.12
C2ene		0.00	11.97	0.00	0.00	0.00	0.00
C2		0.00	10.86	12.27	0.00	25.64	9.95
C3ene		16.67	0.00	0.00	0.00	0.00	0.00
C3		0.00	0.00	5.81	0.00	0.00	0.00
I-C4		0.00	0.00	0.00	0.00	0.00	0.00
C4ene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		0.00	0.00	0.00	0.00	0.00	0.00
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
n-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		0.00	0.00	0.00	0.00	0.00	0.00
CYC6		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
n-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCYC6		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
Toluene		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,4-DMCYC6		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,4-DMCYC6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC6		0.00	0.00	0.00	0.00	0.00	0.00
CYC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 807		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ETCYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 842		0.00	0.00	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		0.00	0.00	0.00	0.00	0.00	11.17
4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 865		0.00	0.00	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	0.00	0.00	0.00	0.00	0.00
SUM:		22264.6	495.2	24588.8	312.4	46623.9	501.2

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9429/H 1490.00	C9429/O 1490.00	C9430/H 1520.00	C9430/O 1520.00	C9431/H 1550.00	C9431/O 1550.00
C1		96418.91	594.19	161096.27	536.40	48867.78	399.83
C2ene		0.00	15.46	0.00	10.59	0.00	15.20
C2		49.89	18.12	89.60	12.37	49.70	16.45
C3ene		0.00	10.60	0.00	0.00	0.00	0.00
C3		23.31	0.00	48.77	0.00	37.76	0.00
I-C4		0.00	0.00	18.77	0.00	0.00	0.00
C4ene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		0.00	0.00	0.00	0.00	0.00	0.00
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
Cyc5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
n-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCyc5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		0.00	0.00	0.00	0.00	0.00	0.00
Cyc6		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
n-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCyc6		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Toluene		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,4-DMCyc6		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCyc6		0.00	0.00	0.00	0.00	0.00	0.00
1C,4-DMCyc6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc6		0.00	0.00	0.00	0.00	0.00	0.00
Cyc7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 807		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ETCyc6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 842		0.00	0.00	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		0.00	9.58	0.00	8.92	0.00	0.00
4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 865		0.00	0.00	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	0.00	0.00	0.00	0.00	0.00
SUM:		96492.1	647.9	161253.4	568.3	48955.2	431.5

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9432/H 1580.00	C9432/O 1580.00	C9433/H 1610.00	C9433/O 1610.00	C9434/H 1640.00	C9434/O 1640.00
C1		61161.30	626.23	65677.80	383.31	72627.93	593.20
C2ene		0.00	22.74	0.00	15.44	0.00	17.70
C2		78.12	26.93	94.02	16.48	108.07	17.89
C3ene		0.00	16.00	0.00	10.06	0.00	10.46
C3		80.73	13.33	116.90	12.39	157.03	19.67
I-C4		21.25	0.00	38.12	0.00	22.46	0.00
C4ene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		0.00	0.00	0.00	0.00	8.30	0.00
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		0.00	0.00	22.75	11.48	12.22	10.12
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
Cyc5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
n-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCyc5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		0.00	0.00	0.00	0.00	0.00	0.00
Cyc6		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
n-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCyc6		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Toluene		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,4-DMCyc6		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCyc6		0.00	0.00	0.00	0.00	0.00	0.00
1C,4-DMCyc6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc6		0.00	0.00	0.00	0.00	0.00	0.00
Cyc7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 807		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ETCyc6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 842		0.00	0.00	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		0.00	14.91	0.00	0.00	0.00	0.00
4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 865		0.00	0.00	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	0.00	0.00	0.00	0.00	0.00
SUM:		61341.4	720.1	65949.6	449.2	72936.0	669.0

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9435/H	C9435/O	C9436/H	C9436/O	C9437/H	C9437/O
		1670.00	1670.00	1700.00	1700.00	1730.00	1730.00
C1		7340.64	362.73	93093.86	441.02	95854.09	473.02
C2ene		0.00	27.52	0.00	23.56	0.00	29.64
C2		13.61	23.49	160.37	21.93	189.80	28.95
C3ene		1.26	19.20	21.90	15.14	22.37	19.57
C3		28.34	18.17	390.27	29.59	525.93	38.28
I-C4		2.93	0.00	40.87	0.00	102.87	15.92
C4ene		0.00	0.00	0.00	0.00	0.00	10.52
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		1.62	0.00	15.05	0.00	19.11	0.00
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		1.72	0.00	12.46	0.00	23.12	11.53
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
Cyc5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
n-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCyc5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		0.00	0.00	0.00	0.00	0.00	0.00
Cyc6		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
n-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCyc6		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Toluene		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,4-DMCyc6		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCyc6		0.00	0.00	0.00	0.00	0.00	0.00
1C,4-DMCyc6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc6		0.00	0.00	0.00	0.00	0.00	0.00
Cyc7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 807		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ETCyc6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 842		0.00	0.00	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 865		0.00	0.00	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	0.00	0.00	0.00	0.00	0.00
SUM:		7390.1	451.1	93734.8	531.3	96737.3	627.4

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9438/H 1760.00	C9438/O 1760.00	C9439/H 1790.00	C9439/O 1790.00	C9440/H 1820.00	C9440/O 1820.00
C1		69655.75	561.97	23559.84	584.96	37558.86	768.54
C2ene		0.00	32.96	0.00	43.58	0.00	18.45
C2		136.71	31.39	50.15	38.86	74.08	21.37
C3ene		20.84	23.51	4.49	32.46	8.63	12.60
C3		390.10	34.91	124.64	47.16	119.95	24.53
I-C4		102.41	16.50	30.64	23.78	28.69	11.57
C4ene		0.00	0.00	0.00	10.88	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		14.65	0.00	4.94	11.20	5.76	0.00
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		23.24	11.40	5.94	15.05	6.74	0.00
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
n-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		0.00	0.00	0.00	0.00	0.00	0.00
CYC6		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
n-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCYC6		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
Toluene		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,4-DMCYC6		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,4-DMCYC6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC6		0.00	0.00	0.00	0.00	0.00	0.00
CYC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 807		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ETCYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 842		0.00	0.00	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 865		0.00	0.00	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	0.00	0.00	0.00	0.00	0.00
SUM:		70343.7	712.7	23780.6	807.9	37802.7	857.1

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9441/H 1850.00	C9441/O 1850.00	C9442/H 1880.00	C9442/O 1880.00	C9443/H 1910.00	C9443/O 1910.00
C1		12409.23	291.38	16386.38	342.07	14738.94	724.66
C2ene		0.00	18.35	0.00	16.39	0.00	12.31
C2		51.18	17.40	129.98	19.58	226.60	51.47
C3ene		5.28	11.91	7.13	11.12	5.88	0.00
C3		39.42	0.00	8.34	0.00	5.92	0.00
I-C4		10.49	0.00	0.00	0.00	0.00	0.00
C4ene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		0.00	0.00	0.00	0.00	0.00	0.00
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
Cyc5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
n-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		0.00	0.00	0.00	0.00	0.00	0.00
Cyc6		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
n-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCYC6		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
Toluene		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCYC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,4-DMCYC6		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCYC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,4-DMCYC6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCYC6		0.00	0.00	0.00	0.00	0.00	0.00
CYC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 807		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ETCYC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 842		0.00	0.00	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 865		0.00	0.00	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	0.00	0.00	0.00	0.00	0.00
SUM:		12515.6	339.0	16531.8	389.2	14977.3	788.4

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (M)	C9444/H 1940.00	C9444/O 1940.00	C9445/H 1970.00	C9445/O 1970.00	C9446/H 2000.00	C9446/O 2000.00
C1		32838.57	306.11	5022.24	289.98	12841.22	184.05
C2ene		0.00	11.84	0.00	15.24	0.00	12.79
C2		555.25	23.26	109.03	36.75	255.85	23.35
C3ene		9.73	0.00	3.56	11.88	4.16	0.00
C3		14.79	0.00	5.80	0.00	31.45	10.07
I-C4		0.00	0.00	0.00	0.00	5.44	0.00
C4ene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		0.00	0.00	0.00	0.00	2.95	0.00
2,2-DMC3		3.92	0.00	0.00	0.00	3.96	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		0.00	0.00	0.00	0.00	0.00	0.00
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CyC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
2-MC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC5		0.00	0.00	0.00	0.00	0.00	0.00
n-C6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCyC5		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		0.00	0.00	0.00	0.00	0.00	0.00
CyC6		0.00	0.00	0.00	0.00	0.00	0.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
1,1-DMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
3-MC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,3-DMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
n-C7		0.00	0.00	0.00	0.00	0.00	0.00
MCyC6		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Toluene		0.00	0.00	0.00	0.00	0.00	0.00
1,1,2-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	0.00	0.00	0.00	0.00	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,4-DMCyC6		0.00	0.00	0.00	0.00	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCyC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,4-DMCyC6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyC6		0.00	0.00	0.00	0.00	0.00	0.00
CyC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 807		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ETCyC6		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 842		0.00	0.00	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 865		0.00	0.00	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	0.00	0.00	0.00	0.00	0.00
SUM:		33422.3	341.2	5140.6	353.9	13145.0	230.3



YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9447/H 2030.00	C9447/O 2030.00	C9448/H 2060.00	C9448/O 2060.00	C9449/H 2090.00	C9449/O 2090.00
C1		13103.18	364.74	12908.71	315.10	18392.51	172.52
C2ene		0.00	40.41	0.00	32.31	0.00	21.72
C2		312.59	37.11	430.17	40.30	749.44	16.71
C3ene		6.89	17.79	6.91	15.59	5.25	0.00
C3		216.82	35.75	356.34	67.14	622.85	17.75
I-C4		72.88	21.07	111.57	39.58	184.27	16.56
C4ene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		104.50	46.30	166.25	94.89	282.73	49.38
2,2-DMC3		9.18	0.00	6.96	0.00	7.85	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		69.57	64.00	94.28	104.48	148.79	74.55
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		64.98	82.43	85.73	140.55	133.93	114.72
2,2-DMC4		7.72	14.53	7.75	14.51	10.40	10.69
CyC5		0.00	0.00	4.46	0.00	9.26	0.00
2,3-DMC4		7.79	18.80	8.36	19.31	11.45	16.77
2-MC5		43.92	139.04	39.23	126.71	50.94	107.79
3-MC5		22.88	67.36	22.71	67.86	31.59	57.99
n-C6		58.96	243.73	50.31	211.08	65.34	180.02
2,2-DMC5		0.00	23.37	0.00	12.16	0.00	0.00
MCyC5		14.28	23.46	21.75	39.51	43.40	40.54
2,4-DMC5		4.18	35.50	0.00	17.44	0.00	14.31
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyC5		0.00	24.82	0.00	0.00	0.00	0.00
Benzene		0.00	0.00	0.00	0.00	0.00	0.00
CyC6		17.18	22.71	27.31	43.31	58.79	45.13
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		14.64	159.56	8.85	70.50	9.69	55.50
2,3-DMC5		6.48	50.77	4.55	26.89	5.60	23.42
1,1-DMCyC5		0.00	0.00	3.07	9.39	4.80	0.00
1C,3-DMCyC5		3.85	16.72	3.32	13.41	5.10	13.17
3-MC6		15.63	153.99	9.75	73.92	10.93	59.96
1T,3-DMCyC5		4.58	24.40	3.83	17.54	5.73	16.63
1T,2-DMCyC5		5.93	26.56	5.31	22.29	8.41	22.30
n-C7		31.29	419.25	17.56	161.03	19.63	126.38
MCyC6		41.15	151.37	43.72	147.70	73.21	154.10
2,5-DMC6		4.29	29.47	3.56	10.98	4.54	22.12
2,4-DMC6		0.00	31.99	0.00	12.79	0.00	0.00
1T,2C,3-TMCyC5		0.00	20.49	0.00	0.00	0.00	0.00
Toluene		0.00	0.00	0.00	0.00	7.27	0.00
1,1,2-TMCyC5		0.00	19.28	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		5.51	145.21	3.71	47.24	4.67	28.69
4-MC7		0.00	49.30	0.00	16.34	0.00	0.00
1T,4-DMCyC6		5.57	63.47	3.34	24.32	4.61	22.03
3,4-DMC6		4.21	110.23	0.00	36.83	0.00	22.79
1C,3-DMCyC6		0.00	0.00	0.00	0.00	0.00	0.00
1C,4-DMCyC6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	10.35	0.00	0.00	0.00	0.00
1T,2-DMCyC6		0.00	15.69	0.00	0.00	0.00	0.00
CyC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		10.60	276.87	6.73	76.76	7.22	46.98
?, RI is 807		0.00	11.32	0.00	0.00	0.00	0.00
?, RI is 825		0.00	13.39	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	32.95	0.00	12.61	0.00	0.00
ETCyC6		0.00	48.10	0.00	16.56	0.00	13.88
?, RI is 842		0.00	30.17	0.00	12.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	11.23	0.00	0.00	0.00	0.00
?, RI is 857		0.00	25.42	0.00	0.00	0.00	0.00
(m+p)-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
4-MC8		0.00	27.24	0.00	0.00	0.00	0.00
?, RI is 865		0.00	39.11	0.00	9.49	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	52.25	0.00	11.20	0.00	0.00
SUM:		14291.2	3389.1	14466.1	2231.6	20980.2	1585.1

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9450/H 2120.00	C9450/O 2120.00	C9451/H 2150.00	C9451/O 2150.00	C9452/H 2180.00	C9452/O 2180.00
C1		10904.11	229.96	17717.52	299.44	25949.31	321.55
C2ene		0.00	33.25	0.00	34.57	0.00	27.48
C2		567.97	39.97	757.64	38.87	1702.49	48.06
C3ene		7.30	18.89	11.85	15.44	58.78	16.05
C3		497.07	106.80	818.85	107.28	1954.07	146.60
I-C4		136.90	75.09	254.89	81.35	605.26	90.50
C4ene		0.00	8.21	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		204.56	175.36	383.30	185.68	841.79	218.22
2,2-DMC3		4.41	0.00	8.01	0.00	12.92	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		92.67	180.74	171.99	187.17	344.96	165.24
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		81.53	227.37	153.98	242.36	284.67	206.34
2,2-DMC4		5.81	19.62	10.96	21.19	18.52	12.35
Cyc5		6.30	9.62	10.54	9.31	22.27	14.09
2,3-DMC4		7.27	29.35	14.44	34.72	26.84	24.61
2-MC5		29.48	164.49	62.33	210.83	110.95	131.80
3-MC5		18.33	94.30	37.04	113.10	65.98	77.66
n-C6		35.94	265.83	77.70	349.94	125.73	221.17
2,2-DMC5		0.00	11.43	3.07	18.63	0.00	8.88
MCyc5		28.32	86.02	51.43	92.96	106.49	112.14
2,4-DMC5		0.00	17.60	3.97	29.27	7.11	15.09
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		0.00	0.00	0.00	0.00	0.00	0.00
Cyc6		39.01	106.15	67.83	108.02	141.46	145.26
3,3-DMC5		0.00	0.00	0.00	9.62	0.00	0.00
2-MC6		5.67	70.94	15.74	127.45	27.47	64.93
2,3-DMC5		3.47	32.27	8.17	50.14	14.85	29.35
1,1-DMCyc5		3.14	15.78	5.94	18.53	10.41	14.23
1C,3-DMCyc5		3.77	23.20	7.79	31.31	16.67	28.96
3-MC6		6.85	78.31	17.57	132.13	31.16	71.71
1T,3-DMCyc5		4.06	26.94	8.42	37.10	17.37	31.12
1T,2-DMCyc5		6.17	36.88	12.06	48.45	25.70	44.28
n-C7		11.04	173.82	30.25	330.17	47.62	170.63
MCyc6		51.62	279.13	100.42	351.88	211.04	355.85
2,5-DMC6		2.96	17.91	7.30	14.52	14.81	34.19
2,4-DMC6		0.00	12.80	2.86	23.11	0.00	15.90
1T,2C,3-TMCyc5		0.00	10.76	0.00	17.62	0.00	13.47
Toluene		2.63	0.00	3.84	0.00	11.10	10.07
1,1,2-TMCyc5		0.00	0.00	0.00	10.80	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		2.80	37.89	6.90	87.21	12.13	37.38
4-MC7		0.00	12.89	0.00	28.64	0.00	11.83
1T,4-DMCyc6		3.81	38.52	9.42	63.67	20.13	50.21
3,4-DMC6		0.00	29.98	5.55	65.91	9.19	29.98
1C,3-DMCyc6		0.00	0.00	5.64	35.16	11.17	26.86
1C,4-DMCyc6		0.00	12.41	3.33	17.37	6.42	13.63
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc6		0.00	8.61	0.00	14.10	0.00	12.12
Cyc7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		4.81	73.85	13.04	169.98	23.31	81.63
?, RI is 807		0.00	9.97	3.05	14.12	6.00	13.29
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	22.96	0.00	0.00
ETCyc6		2.32	23.28	6.10	41.72	12.89	30.60
?, RI is 842		0.00	11.53	0.00	20.74	0.00	12.34
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	13.84	0.00	0.00
(m+p)-Xylene		0.00	0.00	0.00	0.00	5.99	0.00
4-MC8		0.00	0.00	0.00	12.50	0.00	0.00
?, RI is 865		0.00	0.00	0.00	18.14	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	0.00	0.00	28.03	0.00	9.81
SUM:		12782.3	2937.7	20890.7	4037.1	32915.0	3217.5

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9453/H 2210.00	C9453/O 2210.00	C9454/H 2240.00	C9454/O 2240.00	C9455/H 2270.00	C9455/O 2270.00
C1		8829.98	376.72	19728.65	442.16	30105.17	469.32
C2ene		0.00	37.93	0.00	33.45	240.79	36.41
C2		720.95	74.15	1097.87	96.36	2141.79	154.09
C3ene		20.69	23.30	16.74	21.45	18.79	19.73
C3		957.65	287.68	1076.32	317.04	1414.82	430.15
I-C4		322.20	191.68	283.64	162.51	272.60	177.84
C4ene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		463.84	425.49	435.86	382.74	418.97	419.52
2,2-DMC3		5.32	0.00	4.22	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		182.19	326.79	156.51	239.71	136.42	246.08
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		147.34	387.75	132.50	285.66	111.65	288.27
2,2-DMC4		8.22	23.60	7.02	14.68	5.54	13.58
Cyc5		14.16	23.69	14.54	21.33	17.75	24.57
2,3-DMC4		12.80	45.37	11.62	30.55	9.98	29.59
2-MC5		49.14	242.09	43.46	155.58	35.28	147.46
3-MC5		30.67	139.72	28.34	92.49	23.50	88.23
n-C6		51.86	386.86	55.82	239.59	44.10	221.83
2,2-DMC5		0.00	15.64	0.00	0.00	0.00	0.00
MCyc5		66.91	198.41	66.96	148.34	68.29	157.58
2,4-DMC5		2.55	26.12	0.00	15.22	0.00	11.48
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		0.00	0.00	0.00	0.00	0.00	0.00
Cyc6		92.34	252.01	90.59	186.29	96.29	185.23
3,3-DMC5		0.00	9.20	0.00	0.00	0.00	0.00
2-MC6		10.94	111.63	9.42	60.07	7.47	50.85
2,3-DMC5		5.98	48.26	5.78	29.16	4.89	26.76
1,1-DMCyc5		5.22	24.00	4.92	15.50	4.34	13.56
1C,3-DMCyc5		9.23	52.21	9.12	33.81	8.61	32.89
3-MC6		12.57	119.92	11.08	66.81	9.00	57.41
1T,3-DMCyc5		9.37	55.51	9.23	35.37	8.53	33.33
1T,2-DMCyc5		14.41	79.91	14.27	52.09	13.69	48.85
n-C7		15.63	288.74	21.18	139.61	16.00	116.14
MCyc6		122.96	619.97	120.31	375.23	106.05	331.90
2,5-DMC6		7.12	57.45	6.91	31.64	6.00	28.13
2,4-DMC6		2.66	27.11	2.77	15.70	0.00	14.42
1T,2C,3-TMCyc5		2.39	22.76	0.00	13.50	0.00	13.43
Toluene		5.94	17.04	6.44	14.33	12.61	22.08
1,1,2-TMCyc5		0.00	9.75	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		4.76	67.22	4.33	29.12	4.55	24.80
4-MC7		0.00	20.93	0.00	0.00	0.00	0.00
1T,4-DMCyc6		10.55	87.17	9.72	43.83	8.44	38.05
3,4-DMC6		4.27	53.49	3.44	23.42	0.00	20.38
1C,3-DMCyc6		5.66	44.05	5.37	22.99	4.50	20.73
1C,4-DMCyc6		3.17	21.66	3.04	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc6		2.38	19.52	0.00	10.82	0.00	10.30
Cyc7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		9.25	155.22	11.14	62.09	9.60	52.03
?, RI is 807		3.48	22.90	3.35	12.84	0.00	12.11
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		3.05	10.20	2.73	11.82	0.00	11.27
ETCyc6		7.46	55.98	6.32	25.02	5.45	20.53
?, RI is 842		2.12	20.13	0.00	10.23	0.00	9.87
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	9.48	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		3.45	14.11	3.22	0.00	5.21	10.08
4-MC8		0.00	16.53	0.00	0.00	0.00	0.00
?, RI is 865		0.00	15.62	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	28.50	0.00	0.00	0.00	0.00
SUM:		12262.8	5691.1	23524.8	4020.1	35396.7	4140.9

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9456/H 2300.00	C9456/O 2300.00	C9457/H 2330.00	C9457/O 2330.00	C9458/H 2375.00	C9458/O 2375.00
C1		24277.72	537.41	19144.13	385.76	9370.71	359.39
C2ene		24.65	42.90	0.00	36.73	0.00	38.18
C2		2258.05	184.10	1859.18	130.53	1231.32	86.09
C3ene		16.00	28.46	40.46	33.14	26.31	28.62
C3		1881.13	573.45	1669.95	500.30	1450.40	305.99
I-C4		395.94	255.88	364.86	243.54	376.73	151.14
C4ene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		581.42	577.48	554.52	547.66	574.99	358.98
2,2-DMC3		0.00	0.00	0.00	0.00	6.84	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		178.96	335.01	176.89	318.01	213.02	228.30
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		138.55	390.21	140.09	358.19	172.01	275.97
2,2-DMC4		6.67	17.54	0.00	16.25	9.84	13.82
CyC5		23.83	32.91	25.03	29.34	23.69	21.56
2,3-DMC4		11.33	38.58	11.70	34.74	15.47	29.10
2-MC5		37.61	191.34	37.34	165.91	55.34	150.79
3-MC5		25.05	116.46	26.50	99.40	35.90	89.94
n-C6		44.07	297.29	37.69	230.58	62.49	219.91
2,2-DMC5		0.00	10.03	0.00	0.00	0.00	0.00
MCyC5		84.40	215.64	89.24	181.08	94.00	147.42
2,4-DMC5		0.00	15.28	0.00	11.63	0.00	15.34
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		0.00	0.00	0.00	0.00	0.00	0.00
CyC6		131.27	267.92	140.84	213.58	127.08	162.69
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		6.36	73.73	0.00	48.07	10.71	59.89
2,3-DMC5		0.00	35.42	0.00	26.15	7.07	29.77
1,1-DMCyC5		0.00	19.30	0.00	14.86	6.39	13.24
1C,3-DMCyC5		8.49	45.43	9.00	34.71	11.59	35.97
3-MC6		7.60	82.08	0.00	54.34	12.96	67.17
1T,3-DMCyC5		8.45	46.68	9.00	34.78	11.63	36.51
1T,2-DMCyC5		13.55	68.82	14.74	51.60	17.81	50.03
n-C7		14.10	183.61	0.00	104.15	20.33	139.68
MCyC6		121.88	510.27	130.12	336.40	137.15	327.04
2,5-DMC6		0.00	43.55	0.00	26.87	7.90	36.92
2,4-DMC6		0.00	21.33	0.00	13.03	0.00	19.05
1T,2C,3-TMCyC5		0.00	19.04	0.00	11.75	0.00	16.72
Toluene		19.23	33.03	26.16	22.10	21.07	24.00
1,1,2-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	44.26	0.00	30.15	6.16	37.54
4-MC7		0.00	13.75	0.00	0.00	0.00	11.93
1T,4-DMCyC6		7.72	64.37	0.00	34.05	10.82	50.20
3,4-DMC6		0.00	35.53	0.00	17.43	0.00	30.34
1C,3-DMCyC6		0.00	33.43	0.00	17.91	5.70	25.91
1C,4-DMCyC6		0.00	16.75	0.00	9.48	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyC6		0.00	15.78	0.00	0.00	0.00	13.58
CyC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		8.46	102.10	0.00	48.27	11.71	79.13
?, RI is 807		0.00	19.09	0.00	10.29	0.00	15.78
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	9.43	0.00	0.00
ETCyC6		0.00	40.09	0.00	18.44	6.77	29.59
?, RI is 842		0.00	16.17	0.00	0.00	0.00	14.18
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	9.82	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		7.87	17.24	8.57	0.00	10.34	12.85
4-MC8		0.00	11.49	0.00	0.00	0.00	9.02
?, RI is 865		0.00	10.79	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	20.25	0.00	0.00	0.00	15.16
SUM:		30340.4	5781.1	24516.0	4510.6	14162.2	3884.4

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9459/H 2390.00	C9459/O 2390.00	C9460/H 2420.00	C9460/O 2420.00	C9461/H 2450.00	C9461/O 2450.00
C1		24175.40	351.68	41845.09	317.95	16244.18	378.42
C2ene		0.00	33.48	9.03	39.02	0.00	35.06
C2		3291.12	120.56	4102.50	114.66	2340.24	68.62
C3ene		52.56	26.41	50.13	28.49	276.40	43.44
C3		3619.59	466.25	3448.51	450.97	3086.43	284.28
I-C4		862.03	206.46	686.61	216.14	754.00	149.50
C4ene		0.00	0.00	0.00	0.00	0.00	0.00
? , RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		1292.90	509.17	1057.24	511.93	1238.97	371.77
2,2-DMC3		11.40	0.00	7.55	0.00	0.00	0.00
? , RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		424.46	276.98	298.99	296.81	416.80	225.53
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		325.23	329.07	239.56	348.63	344.92	272.60
2,2-DMC4		16.21	13.02	10.33	15.47	16.65	12.35
CyC5		51.60	28.30	40.33	31.70	60.67	24.61
2,3-DMC4		27.95	29.52	18.24	33.22	29.00	27.46
2-MC5		94.97	147.77	59.96	166.63	105.06	141.45
3-MC5		64.84	90.21	42.26	103.42	71.40	89.40
n-C6		102.13	211.52	71.24	245.10	116.98	206.45
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCyC5		192.89	173.71	142.28	200.62	241.19	169.81
2,4-DMC5		0.00	10.29	0.00	12.26	0.00	13.08
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		10.83	0.00	7.72	0.00	13.62	0.00
CyC6		254.94	189.74	195.68	227.74	311.35	182.25
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		16.26	43.88	10.16	53.35	17.40	56.46
2,3-DMC5		11.49	24.31	7.31	28.38	0.00	29.24
1,1-DMCyC5		10.24	12.74	7.91	15.16	0.00	13.56
1C,3-DMCyC5		23.90	35.43	15.52	41.23	30.69	40.22
3-MC6		19.98	51.81	12.76	61.93	23.91	65.41
1T,3-DMCyC5		23.07	35.03	15.21	40.76	29.62	40.42
1T,2-DMCyC5		35.08	48.87	23.60	57.18	44.66	56.44
n-C7		32.54	93.92	19.92	118.89	35.24	131.71
MCyC6		252.82	323.81	195.67	402.55	343.47	373.33
2,5-DMC6		15.76	25.72	9.93	34.01	20.88	39.53
2,4-DMC6		0.00	14.37	0.00	16.83	0.00	20.67
1T,2C,3-TMCyC5		0.00	14.18	0.00	16.16	0.00	20.01
Toluene		42.67	25.60	26.48	35.42	62.35	33.89
1,1,2-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		11.47	21.67	0.00	25.87	14.16	37.76
4-MC7		0.00	0.00	0.00	0.00	0.00	12.20
1T,4-DMCyC6		22.34	40.98	14.92	49.33	31.36	58.77
3,4-DMC6		0.00	17.16	0.00	22.02	0.00	31.49
1C,3-DMCyC6		11.23	20.29	7.46	24.45	15.49	29.25
1C,4-DMCyC6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyC6		0.00	10.88	0.00	12.76	0.00	16.00
CyC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		23.93	45.21	13.80	58.01	28.84	82.86
? , RI is 807		9.97	13.79	0.00	15.85	15.76	19.72
? , RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		8.39	12.66	0.00	14.67	0.00	21.61
ETCyC6		13.87	21.88	9.57	27.30	20.58	36.89
? , RI is 842		0.00	9.46	0.00	11.00	0.00	16.80
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	12.32
? , RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		16.11	10.78	9.53	15.24	28.01	20.50
4-MC8		0.00	0.00	0.00	0.00	0.00	12.26
? , RI is 865		0.00	0.00	0.00	0.00	0.00	10.45
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	0.00	0.00	0.00	0.00	18.39
SUM:		35472.2	4188.6	52733.0	4559.1	26430.3	4054.3

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9462/H	C9462/O	C9463/H	C9463/O	C9464/H	C9464/O
		2480.00	2480.00	2510.00	2510.00	2540.00	2540.00
C1		19712.33	533.00	43924.30	429.04	28654.89	442.67
C2ene		0.00	32.46	0.00	30.54	0.00	29.44
C2		2134.45	226.15	4190.29	141.63	3896.64	114.49
C3ene		42.13	31.99	151.88	38.28	194.55	33.81
C3		1408.59	566.24	2639.74	387.55	3092.33	339.07
I-C4		244.64	199.76	436.22	142.78	568.90	116.20
C4ene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		373.51	476.57	676.31	348.86	905.15	304.24
2,2-DMC3		3.08	0.00	0.00	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		102.23	242.43	194.69	184.07	272.50	138.97
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		78.60	284.67	151.20	219.55	220.22	176.01
2,2-DMC4		3.84	11.48	0.00	0.00	0.00	0.00
Cyc5		13.52	28.75	31.28	20.36	42.87	18.13
2,3-DMC4		6.13	27.10	12.68	19.68	19.29	14.75
2-MC5		20.37	133.37	41.71	98.36	64.63	74.65
3-MC5		14.68	82.61	29.33	62.04	46.90	49.64
n-C6		21.82	192.18	46.97	137.79	76.00	116.54
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCyc5		46.52	164.37	108.30	124.46	158.91	105.36
2,4-DMC5		0.00	10.11	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		3.11	8.89	12.32	0.00	15.41	0.00
Cyc6		60.03	191.16	152.13	137.87	227.88	125.56
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		3.31	43.70	0.00	26.65	0.00	24.06
2,3-DMC5		2.51	22.97	0.00	16.11	0.00	13.38
1,1-DMCyc5		2.44	12.46	0.00	0.00	0.00	0.00
1C,3-DMCyc5		5.46	33.38	12.27	26.18	20.05	21.45
3-MC6		4.40	50.20	0.00	32.71	14.08	28.21
1T,3-DMCyc5		5.25	33.24	11.85	25.80	19.36	21.25
1T,2-DMCyc5		8.31	47.61	18.80	37.78	30.68	30.80
n-C7		5.80	96.43	14.34	56.24	25.84	57.19
MCyc6		61.09	344.86	158.78	230.69	252.88	227.43
2,5-DMC6		3.60	28.14	0.00	16.61	0.00	16.99
2,4-DMC6		0.00	14.89	0.00	9.84	0.00	9.57
1T,2C,3-TMCyc5		0.00	14.51	0.00	9.90	0.00	9.16
Toluene		8.81	39.07	39.64	24.08	55.55	36.77
1,1,2-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	23.90	0.00	15.41	0.00	13.76
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,4-DMCyc6		5.15	43.64	12.50	27.39	22.01	30.02
3,4-DMC6		0.00	19.81	0.00	10.03	0.00	11.57
1C,3-DMCyc6		2.53	21.24	0.00	12.80	0.00	14.56
1C,4-DMCyc6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc6		0.00	11.75	0.00	0.00	0.00	8.68
Cyc7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		3.96	52.51	10.85	27.60	19.86	33.60
?, RI is 807		2.58	14.65	0.00	9.39	0.00	10.38
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	14.89	0.00	0.00	0.00	10.11
ETCyc6		3.23	26.41	0.00	15.74	15.28	19.33
?, RI is 842		0.00	10.78	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	8.43	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		3.35	18.88	13.62	11.76	23.45	18.78
4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 865		0.00	0.00	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	8.93	0.00	0.00	0.00	0.00
SUM:		24421.3	4500.6	53092.0	3165.6	38956.1	2866.6

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9465/H 2570.00	C9465/O 2570.00	C9466/H 2600.00	C9466/O 2600.00	C9467/H 2630.00	C9467/O 2630.00
C1		33955.82	398.22	83913.33	480.17	50968.59	709.30
C2ene		0.00	42.07	0.00	62.57	0.00	38.04
C2		6124.94	158.67	10009.88	146.83	6291.11	227.50
C3ene		140.80	34.28	352.64	49.48	145.37	28.16
C3		5426.94	610.11	9621.45	544.38	4906.25	698.95
I-C4		1080.68	249.06	2146.39	252.70	1001.16	275.79
C4ene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		1662.15	622.56	3454.93	644.90	1558.32	667.11
2,2-DMC3		0.00	0.00	0.00	0.00	11.72	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		501.05	328.50	1207.90	405.84	499.39	370.42
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		413.16	419.83	1039.43	526.86	418.76	458.00
2,2-DMC4		21.44	18.17	57.12	29.46	20.90	23.87
CyC5		65.53	33.15	150.79	37.26	51.04	34.21
2,3-DMC4		33.32	38.47	90.44	58.80	33.44	47.52
2-MC5		116.42	208.76	335.54	322.82	124.32	253.09
3-MC5		80.69	125.57	221.99	190.72	81.53	152.41
n-C6		140.11	341.20	428.43	538.23	149.87	405.85
2,2-DMC5		0.00	11.29	0.00	22.20	0.00	16.50
MCyC5		245.80	222.99	639.24	294.81	210.32	237.18
2,4-DMC5		0.00	17.57	0.00	39.14	0.00	28.95
2,2,3-TMC4		0.00	0.00	0.00	9.44	0.00	0.00
1,1,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		21.22	10.72	48.92	10.75	12.96	10.58
CyC6		414.91	304.72	1099.53	433.52	339.43	357.25
3,3-DMC5		0.00	0.00	0.00	13.59	0.00	10.18
2-MC6		23.23	88.60	74.06	179.57	25.10	126.71
2,3-DMC5		14.27	37.71	41.92	70.63	14.06	51.94
1,1-DMCyC5		17.39	21.58	47.11	36.06	15.77	27.97
1C,3-DMCyC5		27.80	49.38	79.70	80.62	25.82	59.55
3-MC6		28.54	96.60	88.22	191.35	29.41	135.02
1T,3-DMCyC5		28.24	51.62	80.05	86.31	26.21	63.25
1T,2-DMCyC5		46.50	75.18	124.44	125.24	41.54	91.55
n-C7		47.51	218.55	164.78	466.48	49.91	314.33
MCyC6		431.19	615.44	1274.90	1054.61	386.45	787.63
2,5-DMC6		18.82	48.28	56.91	62.38	17.40	43.90
2,4-DMC6		0.00	23.91	0.00	50.64	0.00	33.88
1T,2C,3-TMCyC5		0.00	20.41	0.00	40.76	0.00	27.78
Toluene		77.39	60.78	179.91	74.62	35.26	58.05
1,1,2-TMCyC5		0.00	8.90	0.00	19.99	0.00	13.40
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		15.11	59.59	51.43	146.73	11.16	94.13
4-MC7		0.00	18.05	0.00	44.38	0.00	28.97
1T,4-DMCyC6		30.92	82.40	93.34	173.97	29.00	118.52
3,4-DMC6		0.00	47.13	34.53	115.06	8.81	73.94
1C,3-DMCyC6		15.38	40.98	48.15	84.06	14.50	56.85
1C,4-DMCyC6		0.00	20.67	0.00	40.83	8.48	28.95
2,2-DMC7		0.00	9.34	0.00	17.54	0.00	11.05
1T,2-DMCyC6		0.00	18.31	0.00	35.13	0.00	23.03
CyC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		32.78	136.49	107.04	341.49	29.40	218.16
?, RI is 807		0.00	23.93	34.44	44.88	9.68	31.32
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	12.56	0.00	58.94	0.00	37.86
ETCyC6		24.57	59.08	71.84	131.28	19.87	85.46
?, RI is 842		0.00	19.95	0.00	44.73	0.00	9.19
3,5-DMC7		0.00	0.00	0.00	14.59	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	13.49	0.00	23.81	0.00	11.30
?, RI is 857		0.00	0.00	0.00	40.71	0.00	36.72
(m+p)-Xylene		39.59	34.89	77.61	58.12	12.63	33.16
4-MC8		0.00	22.82	0.00	47.32	0.00	28.62
?, RI is 865		0.00	19.33	0.00	53.65	0.00	0.00
o-Xylene		0.00	12.28	0.00	31.35	0.00	12.14
Nonenes		0.00	0.00	0.00	17.54	0.00	9.07
n-C9		0.00	37.55	0.00	106.64	0.00	65.66
SUM:		51364.2	6301.7	117548.3	9326.5	67635.0	7899.9

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9468/H 2660.00	C9468/O 2660.00	C9469/H 2690.00	C9469/O 2690.00	C9470/H 2720.00	C9470/O 2720.00
C1		65269.63	520.20	49055.82	488.78	59505.05	482.25
C2ene		0.00	40.68	0.00	44.19	640.00	53.07
C2		7945.05	207.51	5838.33	143.01	8012.42	139.09
C3ene		126.56	30.47	136.77	31.36	250.12	39.20
C3		6181.60	632.69	6108.47	492.71	8244.67	498.02
I-C4		1150.50	245.87	1584.75	224.53	1995.04	238.94
C4ene		0.00	0.00	0.00	9.18	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		1776.08	621.92	2417.10	558.75	3124.13	580.39
2,2-DMC3		12.13	0.00	21.68	0.00	25.63	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		506.82	334.87	904.05	346.17	1127.16	389.03
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		415.17	428.30	765.53	451.04	944.80	495.44
2,2-DMC4		20.05	20.02	41.46	26.37	52.05	30.50
Cyc5		61.31	32.43	66.64	30.87	126.33	33.97
2,3-DMC4		31.76	41.79	66.17	50.07	83.17	59.12
2-MC5		113.34	226.17	260.19	270.62	308.74	312.96
3-MC5		77.36	135.89	162.98	160.87	206.50	187.18
n-C6		133.98	370.64	310.14	451.48	359.95	510.33
2,2-DMC5		0.00	13.92	10.65	19.70	0.00	23.50
MCyc5		222.34	222.77	318.79	245.78	540.55	278.12
2,4-DMC5		0.00	23.88	13.46	33.91	0.00	38.26
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		20.34	12.20	14.71	0.00	32.60	0.00
Cyc6		384.28	339.60	484.51	382.40	931.03	422.82
3,3-DMC5		0.00	0.00	0.00	11.74	0.00	14.17
2-MC6		22.38	108.28	57.98	159.97	68.76	174.77
2,3-DMC5		13.17	44.24	29.99	61.07	37.98	70.47
1,1-DMCyc5		15.78	25.38	28.52	32.32	42.12	36.79
1C,3-DMCyc5		24.83	53.11	45.74	66.72	67.93	75.68
3-MC6		26.76	115.95	65.96	168.65	81.07	184.79
1T,3-DMCyc5		25.21	56.66	46.98	72.97	69.64	81.71
1T,2-DMCyc5		40.49	82.74	73.71	106.13	111.60	118.85
n-C7		44.26	268.66	113.17	422.13	124.29	442.27
MCyc6		399.50	722.20	624.45	936.73	1093.98	1029.53
2,5-DMC6		17.05	60.86	30.43	54.09	47.86	58.85
2,4-DMC6		0.00	28.76	12.93	44.64	17.25	47.48
1T,2C,3-TMCyc5		0.00	23.52	11.79	34.86	16.51	38.32
Toluene		53.42	61.90	49.67	62.81	115.31	62.10
1,1,2-TMCyc5		0.00	11.20	0.00	18.71	0.00	19.32
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		14.52	80.34	26.82	143.30	31.06	141.27
4-MC7		0.00	24.11	0.00	44.01	0.00	43.42
1T,4-DMCyc6		28.49	102.26	51.77	157.72	82.13	164.62
3,4-DMC6		0.00	62.94	20.26	111.78	26.49	110.14
1C,3-DMCyc6		14.36	49.54	26.15	76.31	40.58	79.70
1C,4-DMCyc6		0.00	25.28	14.66	37.09	23.76	39.13
2,2-DMC7		0.00	9.42	0.00	16.30	0.00	17.54
1T,2-DMCyc6		0.00	19.76	9.49	30.35	0.00	32.45
Cyc7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		29.91	185.96	59.54	341.34	84.36	328.25
?, RI is 807		9.72	27.85	15.05	40.48	24.05	41.91
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	34.03	12.17	55.50	19.71	45.54
ETCyc6		21.03	75.14	33.44	124.34	60.82	122.13
?, RI is 842		0.00	23.87	0.00	39.18	0.00	38.65
3,5-DMC7		0.00	0.00	0.00	12.69	0.00	12.46
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	13.38	0.00	18.93	0.00	19.72
?, RI is 857		0.00	21.46	0.00	37.85	0.00	36.14
(m+p)-Xylene		17.68	35.03	19.35	45.32	45.45	49.84
4-MC8		0.00	28.06	0.00	47.68	0.00	44.78
?, RI is 865		0.00	28.31	0.00	56.45	0.00	51.20
o-Xylene		0.00	11.55	0.00	23.78	0.00	25.72
Nonenes		0.00	9.05	0.00	15.29	0.00	14.92
n-C9		0.00	54.84	9.17	113.35	0.00	101.33
SUM:		85266.8	7087.4	70071.3	8304.4	88842.6	8828.1





YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9471/H 2750.00	C9471/O 2750.00	C9472/H 2780.00	C9472/O 2780.00	C9473/H 2810.00	C9473/O 2810.00
C1		32036.98	495.44	22354.42	410.72	6700.16	244.33
C2ene		26.51	45.73	0.00	48.64	0.00	22.46
C2		5238.16	102.33	3741.35	61.87	1682.66	45.53
C3ene		404.98	41.54	560.21	46.26	385.19	45.55
C3		6453.51	443.11	5415.96	239.17	3179.82	293.37
I-C4		1573.40	196.52	1415.62	104.26	836.59	122.17
C4ene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		2342.19	512.53	2204.38	319.98	1223.21	376.04
2,2-DMC3		19.50	0.00	0.00	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		816.50	296.57	763.29	161.69	385.14	151.67
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		642.43	383.18	599.82	241.56	289.38	222.72
2,2-DMC4		36.11	20.21	0.00	0.00	14.58	0.00
Cyc5		96.83	30.63	116.15	19.59	40.20	16.16
2,3-DMC4		60.92	43.14	60.52	23.55	24.28	14.70
2-MC5		209.91	221.11	200.28	128.65	80.72	82.76
3-MC5		142.99	134.97	136.30	78.26	53.92	48.74
n-C6		237.53	346.94	218.79	212.65	87.50	134.48
2,2-DMC5		0.00	15.49	0.00	0.00	0.00	0.00
MCyc5		387.54	224.01	442.48	139.32	144.84	88.03
2,4-DMC5		0.00	27.43	0.00	15.83	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		27.71	9.04	48.92	0.00	10.61	0.00
Cyc6		641.11	329.11	769.46	200.01	226.21	116.28
3,3-DMC5		0.00	9.87	0.00	0.00	0.00	0.00
2-MC6		43.65	119.98	40.19	72.13	13.66	28.12
2,3-DMC5		27.82	54.80	0.00	34.17	9.69	13.23
1,1-DMCyc5		28.99	27.68	0.00	16.08	9.83	0.00
1C,3-DMCyc5		49.02	60.37	51.04	37.94	15.36	15.35
3-MC6		51.00	131.70	49.22	80.45	16.31	30.26
1T,3-DMCyc5		49.36	65.17	51.63	41.50	15.68	16.29
1T,2-DMCyc5		81.28	98.56	85.49	61.22	25.72	24.10
n-C7		86.98	297.13	80.13	188.41	26.02	63.60
MCyc6		736.97	775.35	840.39	509.96	222.23	192.59
2,5-DMC6		33.48	49.32	0.00	30.95	9.60	14.23
2,4-DMC6		0.00	40.94	0.00	25.80	0.00	0.00
1T,2C,3-TMCyc5		15.80	36.41	0.00	23.84	0.00	0.00
Toluene		91.88	59.87	198.00	59.19	30.21	23.70
1,1,2-TMCyc5		0.00	15.97	0.00	10.54	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		31.72	114.12	0.00	75.91	0.00	20.20
4-MC7		0.00	34.93	0.00	22.94	0.00	0.00
1T,4-DMCyc6		56.47	133.15	60.43	91.36	14.94	21.43
3,4-DMC6		17.42	86.85	0.00	57.20	0.00	10.82
1C,3-DMCyc6		28.19	64.56	0.00	44.21	0.00	10.66
1C,4-DMCyc6		17.78	21.05	0.00	22.56	0.00	0.00
2,2-DMC7		0.00	15.40	0.00	0.00	0.00	0.00
1T,2-DMCyc6		0.00	32.47	0.00	22.16	0.00	0.00
Cyc7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		60.03	253.37	62.24	174.78	15.85	33.14
?, RI is 807		19.36	35.56	0.00	23.74	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		15.83	52.70	0.00	37.69	0.00	0.00
ETCyc6		40.91	103.55	44.30	73.04	0.00	14.54
?, RI is 842		0.00	39.88	0.00	30.09	0.00	0.00
3,5-DMC7		0.00	13.22	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	22.27	0.00	16.35	0.00	0.00
?, RI is 857		0.00	35.57	0.00	14.46	0.00	0.00
(m+p)-Xylene		32.06	44.64	82.27	39.87	11.51	11.22
4-MC8		0.00	42.18	0.00	30.88	0.00	0.00
?, RI is 865		0.00	45.53	0.00	31.24	0.00	0.00
o-xylene		0.00	26.29	0.00	12.54	0.00	0.00
Nonenes		0.00	16.55	0.00	11.14	0.00	0.00
n-C9		0.00	89.88	0.00	60.25	0.00	0.00
SUM:		53010.8	7085.9	40693.3	4536.6	15801.6	2568.5

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9474/H 2840.00	C9474/O 2840.00	C9475/H 2870.00	C9475/O 2870.00	C9476/H 2900.00	C9476/O 2900.00
C1		6727.97	830.78	3545.81	202.08	5529.25	310.46
C2ene		9.05	30.69	68.04	28.31	125.69	34.07
C2		1137.86	51.31	780.47	19.80	1047.72	40.44
C3ene		192.61	22.25	492.41	17.43	770.56	45.05
C3		2225.61	139.14	2036.68	57.07	2198.80	172.88
I-C4		1075.28	138.41	854.73	48.08	995.78	131.98
C4ene		5.76	0.00	23.64	0.00	16.20	9.09
?, RI is 388		0.00	0.00	0.00	0.00	13.31	0.00
n-C4		1508.88	347.02	1175.00	167.27	1367.19	343.75
2,2-DMC3		24.07	0.00	13.56	0.00	17.14	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		778.89	341.83	502.80	123.10	717.84	267.13
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		694.01	457.24	400.67	203.92	579.90	371.08
2,2-DMC4		40.71	26.81	21.49	0.00	31.95	15.66
CyC5		24.50	19.51	31.11	9.74	45.50	18.67
2,3-DMC4		57.10	51.83	37.05	19.43	61.03	40.37
2-MC5		284.64	298.56	154.73	126.35	253.45	237.69
3-MC5		154.71	170.22	88.25	68.49	145.98	131.30
n-C6		353.24	496.25	163.93	226.76	269.24	370.16
2,2-DMC5		12.00	16.62	0.00	0.00	9.75	12.85
MCyC5		156.82	203.01	116.78	72.40	168.36	123.80
2,4-DMC5		19.35	27.84	0.00	14.59	17.99	26.42
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		0.00	0.00	0.00	0.00	15.41	0.00
CyC6		210.78	304.58	205.94	119.98	331.94	220.27
3,3-DMC5		6.22	8.93	0.00	0.00	0.00	0.00
2-MC6		68.88	130.68	34.87	73.24	60.90	118.88
2,3-DMC5		27.28	48.68	18.22	29.45	33.14	51.73
1,1-DMCyC5		16.94	26.96	13.28	12.46	24.98	23.94
1C,3-DMCyC5		28.98	52.23	15.99	20.29	26.91	34.45
3-MC6		70.10	136.75	37.62	77.57	66.19	124.64
1T,3-DMCyC5		30.91	56.89	17.25	23.88	29.76	40.88
1T,2-DMCyC5		45.34	82.33	26.24	32.75	45.37	57.95
n-C7		147.23	337.29	60.62	180.62	101.24	258.76
MCyC6		337.44	688.93	257.16	336.05	470.29	567.85
2,5-DMC6		24.04	58.07	15.81	22.74	28.32	33.60
2,4-DMC6		10.43	24.85	0.00	15.70	10.77	23.10
1T,2C,3-TMCyC5		8.12	19.54	0.00	12.77	9.80	19.60
Toluene		12.62	23.95	23.11	22.52	48.54	47.49
1,1,2-TMCyC5		0.00	10.00	0.00	9.51	0.00	10.50
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		28.28	75.84	17.84	67.40	32.48	88.40
4-MC7		8.32	23.11	0.00	20.43	9.20	26.65
1T,4-DMCyC6		33.25	88.07	22.44	61.75	43.64	85.28
3,4-DMC6		20.90	57.74	11.78	48.71	22.36	61.60
1C,3-DMCyC6		15.86	42.05	11.69	31.44	22.87	43.55
1C,4-DMCyC6		8.26	20.90	0.00	15.77	13.96	23.90
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyC6		5.98	16.09	0.00	12.58	0.00	17.45
CyC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		58.38	171.76	30.49	129.49	58.53	156.29
?, RI is 807		7.84	20.48	0.00	11.46	9.81	17.87
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		8.31	25.60	0.00	26.38	13.94	29.70
ETCyC6		20.84	63.75	17.28	57.46	36.77	70.29
?, RI is 842		5.22	16.51	0.00	23.97	12.07	26.85
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	15.09	0.00	9.53	0.00	14.05
?, RI is 857		0.00	0.00	0.00	12.60	0.00	12.19
(m+p)-Xylene		7.57	44.45	0.00	22.50	22.22	35.93
4-MC8		4.68	17.21	0.00	22.15	9.65	21.74
?, RI is 865		5.32	20.51	0.00	25.21	0.00	24.34
o-Xylene		0.00	18.18	0.00	0.00	0.00	12.90
Nonenes		0.00	0.00	0.00	0.00	0.00	8.53
n-C9		8.88	38.32	0.00	36.00	13.12	35.11
SUM:		16776.2	6455.6	11344.8	3029.2	16006.8	5149.1

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9477/H	C9477/O	C9478/H	C9478/O	C9479/H	C9479/O
		2930.00	2930.00	2960.00	2960.00	2990.00	2990.00
C1		5811.55	3704.73	9290.77	2594.75	2605.36	363.36
C2ene		17.98	26.50	61.88	36.31	40.84	33.42
C2		727.42	259.17	1801.51	232.80	570.62	46.57
C3ene		223.80	35.23	466.88	53.33	228.89	33.26
C3		1472.46	334.41	3317.28	551.82	1193.29	183.79
I-C4		771.20	248.90	1360.92	360.87	484.73	137.53
C4ene		0.00	0.00	0.00	10.48	4.04	8.88
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		1062.64	527.46	1994.16	857.66	648.31	358.25
2,2-DMC3		14.62	0.00	21.89	8.32	7.39	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		579.88	501.35	885.39	602.11	257.05	242.59
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		470.85	598.99	721.23	756.93	199.83	326.66
2,2-DMC4		24.32	32.18	39.95	40.82	9.90	12.32
CyC5		27.29	29.74	64.97	40.49	15.79	18.13
2,3-DMC4		45.21	76.51	69.21	81.69	17.49	31.64
2-MC5		194.35	435.83	290.65	446.31	74.32	184.92
3-MC5		113.95	245.33	181.88	259.54	44.52	106.55
n-C6		213.72	641.14	269.96	660.77	78.37	288.60
2,2-DMC5		6.20	24.84	11.42	27.29	0.00	9.07
MCyC5		130.02	228.52	287.53	290.86	62.85	123.69
2,4-DMC5		10.20	50.54	16.84	49.51	4.26	19.00
2,2,3-TMC4		0.00	8.26	0.00	9.62	0.00	0.00
1,1,3-TMCyC5		0.00	11.95	0.00	0.00	0.00	0.00
Benzene		5.52	10.71	17.59	15.21	5.12	0.00
CyC6		210.99	383.22	508.25	475.72	104.91	199.52
3,3-DMC5		4.39	15.15	0.00	16.67	0.00	0.00
2-MC6		42.23	229.08	68.53	216.96	16.94	88.79
2,3-DMC5		22.97	97.79	38.19	91.00	9.29	39.66
1,1-DMCyC5		17.14	44.75	33.53	48.54	6.57	18.61
1C,3-DMCyC5		21.78	69.30	44.61	76.07	9.71	33.37
3-MC6		46.76	239.01	82.60	227.61	18.49	94.90
1T,3-DMCyC5		23.79	81.55	48.02	86.99	10.61	38.31
1T,2-DMCyC5		36.60	118.30	74.97	127.84	16.66	56.99
n-C7		80.02	510.12	109.36	466.84	30.47	204.60
MCyC6		320.58	1013.30	708.53	1082.16	146.50	485.16
2,5-DMC6		19.61	65.16	42.52	68.97	8.85	29.61
2,4-DMC6		7.81	47.83	17.28	51.98	3.69	21.08
1T,2C,3-TMCyC5		7.40	41.45	15.73	43.29	3.89	19.30
Toluene		20.96	63.12	52.08	88.29	11.81	43.42
1,1,2-TMCyC5		0.00	20.11	0.00	24.14	0.00	9.80
2,3-DMC6		0.00	0.00	0.00	9.22	0.00	0.00
2-MC7		20.17	177.28	33.94	174.39	12.49	71.13
4-MC7		5.83	53.08	11.05	52.53	0.00	20.48
1T,4-DMCyC6		30.48	161.05	69.33	164.55	14.35	72.41
3,4-DMC6		14.14	123.73	27.74	124.42	6.59	48.23
1C,3-DMCyC6		16.18	83.35	35.62	81.77	7.34	36.00
1C,4-DMCyC6		9.77	45.46	21.46	46.02	4.57	20.23
2,2-DMC7		0.00	15.36	0.00	17.64	0.00	0.00
1T,2-DMCyC6		6.90	38.08	14.43	37.01	0.00	17.35
CyC7		0.00	9.51	0.00	10.28	0.00	0.00
n-C8		41.80	337.96	81.78	325.23	19.34	133.91
?, RI is 807		7.50	31.58	17.44	36.68	0.00	15.86
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		4.04	57.67	0.00	59.80	4.55	24.19
ETCyC6		23.89	144.02	57.68	144.14	11.40	58.82
?, RI is 842		6.96	48.83	17.93	49.18	0.00	21.20
3,5-DMC7		0.00	15.03	0.00	15.12	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		3.25	19.69	0.00	20.58	0.00	10.58
?, RI is 857		0.00	39.33	0.00	39.88	0.00	9.85
(m+p)-Xylene		11.25	50.07	24.55	56.27	4.91	27.34
4-MC8		5.21	47.93	12.98	49.58	0.00	19.59
?, RI is 865		4.77	53.65	10.33	55.78	0.00	19.67
o-Xylene		3.40	24.72	0.00	26.89	0.00	0.00
Nonenes		0.00	18.19	0.00	18.18	0.00	0.00
n-C9		9.60	89.00	20.28	89.01	4.43	31.70
SUM:		13031.4	12756.1	23472.7	12884.7	7041.3	4569.9

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS (µl gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9496/H	C9496/O	C9480/H	C9480/O	C9497/H	C9497/O
		2990.00	2990.00	3020.00	3020.00	3020.00	3020.00
C1		795.61	35.69	7143.92	1531.37	2710.10	208.97
C2ene		0.00	0.00	165.73	40.23	0.00	18.18
C2		79.62	0.00	1483.36	166.18	963.97	43.08
C3ene		0.00	0.00	618.49	68.55	0.00	0.00
C3		58.52	9.17	2241.35	408.54	1999.35	238.36
I-C4		11.13	0.00	980.19	249.21	499.44	109.37
C4ene		0.00	0.00	27.81	13.19	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		20.37	12.82	1342.71	530.95	710.67	278.04
2,2-DMC3		0.00	0.00	15.08	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		6.91	10.32	648.94	348.46	187.48	131.84
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		8.65	15.98	520.16	416.03	147.95	173.89
2,2-DMC4		0.00	0.00	26.41	20.17	0.00	0.00
CyC5		0.00	0.00	34.09	23.92	18.14	11.59
2,3-DMC4		0.00	0.00	50.83	46.59	8.91	12.76
2-MC5		3.77	13.89	225.05	259.07	39.78	86.90
3-MC5		2.38	0.00	129.09	146.26	22.56	46.95
n-C6		7.21	34.15	225.33	360.76	43.80	142.15
2,2-DMC5		0.00	0.00	0.00	15.78	0.00	0.00
MCyC5		5.90	14.50	142.90	146.64	43.54	59.88
2,4-DMC5		0.00	0.00	17.56	30.70	0.00	8.91
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		2.55	0.00	18.05	13.97	20.22	11.95
CyC6		11.92	33.26	250.07	256.47	74.12	98.48
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		2.18	17.32	54.76	139.72	8.22	48.22
2,3-DMC5		0.00	0.00	29.71	62.30	0.00	18.35
1,1-DMCyC5		0.00	0.00	17.89	26.23	0.00	0.00
1C,3-DMCyC5		0.00	0.00	25.43	42.62	0.00	15.04
3-MC6		2.46	18.15	58.42	145.54	8.27	50.33
1T,3-DMCyC5		0.00	0.00	28.03	50.46	0.00	17.47
1T,2-DMCyC5		0.00	0.00	43.71	72.36	6.88	23.81
n-C7		6.49	54.13	91.67	314.41	17.62	134.67
MCyC6		19.84	102.02	397.81	661.55	75.80	240.67
2,5-DMC6		0.00	12.49	26.72	19.06	0.00	16.10
2,4-DMC6		0.00	0.00	0.00	33.21	0.00	10.39
1T,2C,3-TMCyC5		0.00	0.00	0.00	30.00	0.00	10.37
Toluene		13.26	21.31	45.06	70.72	53.33	63.27
1,1,2-TMCyC5		0.00	0.00	0.00	17.88	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		4.27	36.46	30.07	134.14	7.65	55.36
4-MC7		0.00	0.00	0.00	38.63	0.00	16.52
1T,4-DMCyC6		3.51	27.94	39.37	112.50	6.95	45.73
3,4-DMC6		2.63	21.39	19.34	90.07	0.00	37.51
1C,3-DMCyC6		0.00	11.96	19.44	54.73	0.00	21.61
1C,4-DMCyC6		0.00	0.00	0.00	29.98	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	11.91	0.00	0.00
1T,2-DMCyC6		0.00	11.15	0.00	25.37	0.00	12.67
CyC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		10.55	82.32	56.56	254.00	16.31	121.88
?, RI is 807		0.00	11.21	0.00	21.09	0.00	9.35
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		2.25	14.45	0.00	45.58	0.00	20.30
ETCyC6		5.75	41.88	31.93	96.93	8.88	49.59
?, RI is 842		1.98	15.89	0.00	37.26	0.00	17.64
3,5-DMC7		0.00	0.00	0.00	11.07	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		2.90	13.71	0.00	17.83	6.78	14.20
?, RI is 857		0.00	0.00	0.00	20.50	0.00	14.22
(m+p)-Xylene		11.30	40.90	18.64	42.12	24.12	45.69
4-MC8		4.03	23.84	0.00	40.22	0.00	17.34
?, RI is 865		3.24	17.23	0.00	44.52	0.00	20.41
o-Xylene		3.95	13.69	0.00	12.28	9.59	14.87
Nonenes		2.03	14.82	0.00	13.58	0.00	10.05
n-C9		10.28	46.72	0.00	73.08	12.45	42.47
SUM:		1127.4	850.8	17341.7	8006.5	7752.9	2917.4

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID	C9481/H	C9481/O	C9498/H	C9498/O	C9482/H	C9482/O
	DEPTH (m)	3050.00	3050.00	3050.00	3050.00	3080.00	3080.00
C1		12114.90	1024.20	12235.87	579.34	13052.56	690.22
C2ene		68.03	31.94	0.00	23.44	134.76	24.18
C2		2373.32	130.72	3996.44	261.33	1993.13	97.63
C3ene		452.61	60.77	0.00	12.54	437.90	43.48
C3		3627.74	434.29	4214.66	702.57	2436.41	292.87
I-C4		1303.62	246.07	1013.55	218.52	744.52	149.92
C4ene		0.00	8.57	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		1501.95	594.05	1312.48	498.21	939.48	335.25
2,2-DMC3		17.62	0.00	0.00	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		525.15	331.90	345.05	190.11	299.79	161.83
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		346.16	406.84	266.30	238.43	202.88	200.99
2,2-DMC4		18.85	16.14	0.00	0.00	9.66	0.00
Cyc5		26.54	22.59	29.15	14.92	24.61	11.61
2,3-DMC4		31.04	39.28	13.25	17.69	19.02	17.08
2-MC5		115.15	215.15	63.36	115.11	65.06	94.92
3-MC5		65.68	116.84	36.68	61.02	38.94	50.18
n-C6		100.54	288.84	71.48	178.07	59.34	134.62
2,2-DMC5		0.00	11.72	0.00	0.00	0.00	0.00
MCyc5		80.71	116.72	69.40	66.63	67.85	54.59
2,4-DMC5		0.00	21.69	0.00	11.97	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		12.60	18.12	32.61	16.93	17.69	13.08
Cyc6		152.99	213.00	122.34	118.35	148.20	102.43
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		21.01	91.78	10.18	62.93	12.46	42.29
2,3-DMC5		13.18	44.00	0.00	24.93	0.00	19.30
1,1-DMCyc5		9.71	19.54	0.00	8.81	0.00	0.00
1C,3-DMCyc5		11.21	30.45	0.00	17.34	9.36	14.48
3-MC6		22.75	96.13	10.12	63.45	14.23	43.58
1T,3-DMCyc5		12.34	35.70	0.00	20.76	10.22	16.81
1T,2-DMCyc5		20.31	52.56	10.41	28.51	16.63	23.69
n-C7		32.51	191.02	23.57	165.34	21.10	90.92
MCyc6		181.38	488.78	123.60	282.38	176.74	235.28
2,5-DMC6		9.44	27.82	0.00	18.75	0.00	12.78
2,4-DMC6		0.00	21.61	0.00	13.33	0.00	0.00
1T,2C,3-TMCyc5		0.00	20.42	0.00	12.91	0.00	0.00
Toluene		21.08	68.96	80.92	62.78	31.12	48.89
1,1,2-TMCyc5		0.00	10.96	0.00	8.51	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		11.26	76.74	0.00	67.38	9.74	38.65
4-MC7		0.00	21.67	0.00	20.05	0.00	10.62
1T,4-DMCyc6		14.58	69.89	0.00	52.14	13.87	35.14
3,4-DMC6		0.00	50.72	0.00	44.22	0.00	25.18
1C,3-DMCyc6		0.00	34.06	0.00	24.97	0.00	16.79
1C,4-DMCyc6		0.00	19.96	0.00	13.04	0.00	9.78
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc6		0.00	16.20	0.00	13.50	0.00	0.00
Cyc7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		18.91	135.30	19.52	136.83	16.74	69.77
?, RI is 807		0.00	15.71	0.00	9.78	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	30.95	0.00	22.92	0.00	16.66
ETCyc6		11.07	57.14	10.59	51.55	11.51	30.98
?, RI is 842		0.00	22.96	0.00	18.51	0.00	12.71
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	12.46	11.82	12.84	0.00	0.00
?, RI is 857		0.00	11.81	0.00	17.10	0.00	0.00
(m+p)-Xylene		0.00	32.50	39.44	40.94	0.00	21.96
4-MC8		0.00	21.97	0.00	23.88	0.00	12.06
?, RI is 865		0.00	24.50	0.00	25.20	0.00	13.19
o-Xylene		0.00	10.29	14.79	13.51	0.00	0.00
Nonenes		0.00	0.00	0.00	9.20	0.00	0.00
n-C9		0.00	37.80	19.92	47.05	0.00	20.45
SUM:		23346.0	6251.8	24197.5	4780.5	21035.5	3356.9

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9499/H 3080.00	C9499/O 3080.00	C9483/H 3110.00	C9483/O 3110.00	C9500/H 3110.00	C9500/O 3110.00
C1		5498.03	262.75	3094.75	246.05	8201.38	297.42
C2ene		0.00	23.01	13.37	29.58	0.00	21.12
C2		2239.34	104.48	525.70	57.82	2789.06	93.32
C3ene		19.49	11.84	86.21	38.04	45.97	17.70
C3		2770.69	387.41	757.51	234.90	3620.98	370.79
I-C4		692.91	133.56	247.56	126.10	924.08	163.28
C4ene		0.00	0.00	0.00	9.01	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		858.54	334.51	299.19	338.95	1166.29	367.38
2,2-DMC3		0.00	0.00	2.82	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		222.96	130.82	97.36	163.42	307.38	170.78
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		158.70	167.30	63.92	220.66	222.20	213.63
2,2-DMC4		0.00	0.00	3.26	0.00	0.00	0.00
CyC5		19.10	10.36	6.26	11.61	25.36	12.73
2,3-DMC4		9.85	11.56	6.03	18.30	14.45	16.39
2-MC5		38.88	72.26	20.99	103.89	59.39	103.98
3-MC5		22.00	37.68	12.21	53.72	33.12	53.97
n-C6		40.93	110.00	18.14	146.47	63.30	159.78
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCyC5		39.92	41.62	17.85	55.79	58.33	59.16
2,4-DMC5		0.00	0.00	0.00	9.07	0.00	9.07
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		26.82	11.64	4.50	12.96	29.32	14.39
CyC6		78.14	75.26	37.87	104.19	115.83	101.80
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	32.16	3.83	40.21	11.50	50.73
2,3-DMC5		0.00	12.87	2.71	19.80	0.00	20.10
1,1-DMCyC5		0.00	0.00	0.00	8.93	0.00	0.00
1C,3-DMCyC5		0.00	10.06	2.62	14.94	0.00	15.60
3-MC6		0.00	33.52	4.49	42.28	11.77	52.90
1T,3-DMCyC5		0.00	11.13	2.84	17.26	0.00	17.73
1T,2-DMCyC5		6.26	14.31	4.49	24.60	9.68	23.72
n-C7		12.13	77.92	5.84	83.42	24.96	129.33
MCyC6		69.64	159.98	45.96	234.26	113.21	235.13
2,5-DMC6		0.00	9.36	0.00	12.03	0.00	14.25
2,4-DMC6		0.00	0.00	0.00	9.36	0.00	10.26
1T,2C,3-TMCyC5		0.00	0.00	0.00	9.83	0.00	10.62
Toluene		49.22	38.13	7.54	42.95	56.39	51.31
1,1,2-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	30.01	2.67	31.05	12.62	49.60
4-MC7		0.00	0.00	0.00	8.76	0.00	15.17
1T,4-DMCyC6		0.00	25.07	3.61	31.49	0.00	41.03
3,4-DMC6		0.00	19.59	0.00	20.04	0.00	32.82
1C,3-DMCyC6		0.00	11.69	0.00	15.31	0.00	18.69
1C,4-DMCyC6		0.00	0.00	0.00	9.01	0.00	11.54
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyC6		0.00	0.00	0.00	0.00	0.00	10.94
CyC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		8.94	58.33	4.25	54.25	22.12	102.84
?, RI is 807		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	11.93	0.00	12.77	0.00	17.48
ETCyC6		0.00	24.98	2.79	25.29	11.84	40.48
?, RI is 842		0.00	9.09	0.00	10.32	0.00	14.84
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	11.50
?, RI is 857		0.00	0.00	0.00	0.00	0.00	12.79
(m+p)-Xylene		17.53	21.53	0.00	17.61	23.29	34.44
4-MC8		0.00	9.61	0.00	8.66	0.00	17.84
?, RI is 865		0.00	9.84	0.00	8.94	0.00	17.89
o-Xylene		7.51	0.00	0.00	0.00	10.61	12.11
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		8.47	16.11	0.00	14.65	23.13	32.50
SUM:		12916.0	2573.3	5409.1	2808.6	18007.6	3372.9

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS (µl gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9484/H 3140.00	C9484/O 3140.00	C9501/H 3140.00	C9501/O 3140.00	C9485/H 3170.00	C9485/O 3170.00
C1		4720.99	410.17	5346.86	362.24	9553.67	519.26
C2ene		38.94	28.76	12.08	21.04	51.30	26.95
C2		1196.59	71.63	1567.39	62.12	1781.25	96.69
C3ene		272.68	48.23	63.93	16.71	259.75	43.26
C3		1802.75	252.09	2096.98	239.31	2262.56	322.45
I-C4		650.63	112.84	522.36	104.06	677.72	142.40
C4ene		0.00	0.00	34.23	9.13	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		718.52	301.86	762.70	268.47	871.01	371.63
2,2-DMC3		7.68	0.00	0.00	0.00	7.63	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		238.73	129.51	199.69	119.51	277.51	173.23
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		167.13	181.75	168.07	168.52	189.08	225.72
2,2-DMC4		8.57	0.00	0.00	0.00	9.93	0.00
CyC5		12.99	10.10	16.93	9.85	18.26	13.60
2,3-DMC4		14.55	13.61	9.28	11.59	18.13	20.60
2-MC5		58.60	80.34	42.99	79.71	67.11	113.38
3-MC5		33.13	43.55	24.11	45.02	39.11	61.11
n-C6		55.95	115.46	48.77	135.81	57.09	154.62
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCyC5		38.49	46.48	41.05	48.58	57.70	69.15
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	11.21
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		9.04	12.34	22.41	12.65	16.00	16.10
CyC6		75.12	82.96	72.15	78.90	117.29	131.00
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		12.03	31.32	0.00	40.64	13.06	51.01
2,3-DMC5		7.31	15.22	0.00	15.79	8.94	24.45
1,1-DMCyC5		0.00	0.00	0.00	0.00	7.23	11.47
1C,3-DMCyC5		0.00	11.54	0.00	12.44	8.88	18.83
3-MC6		13.04	32.46	0.00	43.06	14.84	54.87
1T,3-DMCyC5		6.99	13.51	0.00	14.89	9.76	21.96
1T,2-DMCyC5		11.26	20.17	0.00	21.77	16.45	32.90
n-C7		18.89	63.80	16.21	110.01	19.96	109.56
MCyC6		102.19	186.40	70.87	191.88	155.12	307.40
2,5-DMC6		0.00	8.96	0.00	19.18	0.00	15.14
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	13.47
1T,2C,3-TMCyC5		0.00	0.00	0.00	8.18	0.00	13.76
Toluene		13.16	36.49	51.09	51.01	26.69	49.28
1,1,2-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		8.49	24.35	0.00	39.88	11.40	51.77
4-MC7		0.00	0.00	0.00	11.35	0.00	15.05
1T,4-DMCyC6		9.22	25.27	0.00	32.40	13.04	45.60
3,4-DMC6		0.00	15.74	0.00	25.29	0.00	33.61
1C,3-DMCyC6		0.00	12.44	0.00	14.74	0.00	21.17
1C,4-DMCyC6		0.00	0.00	0.00	8.37	0.00	12.75
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyC6		0.00	0.00	0.00	8.60	0.00	10.46
CyC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		12.05	42.34	9.34	84.56	15.50	93.85
?, RI is 807		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	10.17	0.00	12.63	0.00	22.23
ETCyC6		0.00	20.29	0.00	32.52	10.81	40.26
?, RI is 842		0.00	8.65	0.00	11.64	0.00	17.13
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	11.35	0.00	9.02
?, RI is 857		0.00	0.00	0.00	10.33	0.00	13.49
(m+p)-Xylene		0.00	14.51	22.35	35.55	8.32	20.77
4-MC8		0.00	0.00	0.00	14.06	0.00	14.64
?, RI is 865		0.00	0.00	0.00	14.12	0.00	18.67
o-Xylene		0.00	0.00	0.00	12.08	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	10.36	0.00	26.81	0.00	30.37
SUM:		10335.7	2545.7	11221.8	2728.4	16672.1	3707.3

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9502/H 3170.00	C9502/O 3170.00	C9486/H 3200.00	C9486/O 3200.00	C9503/H 3200.00	C9503/O 3200.00
C1		4466.31	855.37	11159.51	227.79	16613.91	855.97
C2ene		10.72	26.98	51.45	0.00	0.00	40.07
C2		1067.62	132.92	1907.76	30.96	3949.93	124.32
C3ene		70.20	30.09	255.39	12.65	192.84	33.01
C3		1290.61	260.94	2188.64	104.43	4672.50	376.62
I-C4		308.42	91.84	600.64	47.55	1108.03	142.91
C4ene		32.64	0.00	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		442.39	223.91	800.50	129.70	1510.70	371.11
2,2-DMC3		6.33	0.00	0.00	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		109.37	100.87	247.25	60.46	419.16	154.92
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		98.49	130.75	173.70	79.36	310.29	219.92
2,2-DMC4		0.00	0.00	8.62	0.00	0.00	0.00
Cyc5		7.85	0.00	17.52	0.00	37.58	0.00
2,3-DMC4		0.00	11.77	16.02	0.00	0.00	14.83
2-MC5		24.90	74.78	59.74	39.32	98.62	109.29
3-MC5		13.21	38.26	34.59	20.88	56.47	55.29
n-C6		32.33	113.86	54.21	52.87	107.74	177.73
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCyc5		17.81	37.35	50.56	20.36	94.03	58.68
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		9.14	7.68	20.38	0.00	70.00	23.18
Cyc6		31.26	59.59	110.69	39.00	193.22	108.48
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		0.00	42.57	12.10	15.68	24.75	64.12
2,3-DMC5		0.00	16.12	7.82	0.00	0.00	24.41
1,1-DMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCyc5		0.00	11.43	0.00	0.00	0.00	16.98
3-MC6		4.81	43.28	13.59	16.47	26.39	66.30
1T,3-DMCyc5		0.00	13.23	8.45	0.00	0.00	19.28
1T,2-DMCyc5		0.00	18.32	13.84	0.00	0.00	25.01
n-C7		11.04	105.95	19.27	31.37	53.62	161.77
MCyc6		32.70	163.70	134.65	82.97	215.26	282.81
2,5-DMC6		0.00	19.27	0.00	0.00	0.00	33.48
2,4-DMC6		0.00	8.19	0.00	0.00	0.00	0.00
1T,2C,3-TMCyc5		0.00	8.89	0.00	0.00	0.00	0.00
Toluene		19.02	24.70	30.19	12.51	108.60	76.46
1,1,2-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	42.66	9.10	17.69	31.93	72.61
4-MC7		0.00	12.60	0.00	0.00	0.00	21.94
1T,4-DMCyc6		0.00	30.62	10.26	11.05	0.00	51.58
3,4-DMC6		0.00	27.31	0.00	8.75	0.00	47.60
1C,3-DMCyc6		0.00	13.72	0.00	0.00	0.00	23.24
1C,4-DMCyc6		0.00	8.49	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc6		0.00	7.90	0.00	0.00	0.00	0.00
Cyc7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		5.28	80.56	13.93	22.41	42.09	143.84
?, RI is 807		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	12.97	0.00	0.00	0.00	30.64
ETCyc6		0.00	26.65	8.46	9.06	0.00	54.22
?, RI is 842		0.00	9.52	0.00	0.00	0.00	20.20
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	15.28
?, RI is 857		0.00	8.95	0.00	0.00	0.00	18.24
(m+p)-Xylene		8.10	15.32	7.91	0.00	36.36	42.62
4-MC8		0.00	10.83	0.00	0.00	0.00	23.11
?, RI is 865		0.00	13.37	0.00	0.00	0.00	28.39
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	22.30	0.00	0.00	33.37	46.63
SUM:		8120.5	3016.4	18046.7	1093.3	30007.4	4277.1



YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9487/H 3230.00	C9487/O 3230.00	C9504/H 3230.00	C9504/O 3230.00	C9488/H 3260.00	C9488/O 3260.00
C1		10539.46	492.26	14596.39	439.99	16327.64	782.92
C2ene		38.75	21.67	0.00	31.87	28.30	17.27
C2		2326.84	92.40	3672.35	138.28	4098.75	158.04
C3ene		216.01	31.33	93.28	25.55	217.36	31.67
C3		2903.17	338.52	4379.73	472.89	3310.80	387.27
I-C4		837.59	148.40	1053.71	178.00	610.33	112.78
C4ene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		1077.53	425.88	1390.54	465.39	823.65	314.69
2,2-DMC3		11.12	0.00	0.00	0.00	7.03	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		343.72	202.93	371.39	214.78	221.81	122.59
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		241.44	266.16	279.12	285.91	150.93	166.10
2,2-DMC4		13.41	10.40	0.00	9.22	8.91	0.00
Cyc5		19.46	13.23	25.23	13.62	16.33	9.60
2,3-DMC4		21.95	23.75	17.67	24.69	14.14	13.05
2-MC5		84.05	131.59	78.01	159.99	49.17	75.56
3-MC5		44.57	66.61	40.22	76.95	28.32	39.54
n-C6		75.79	171.21	80.63	238.39	42.02	104.38
2,2-DMC5		0.00	0.00	0.00	8.64	0.00	0.00
MCyc5		49.63	59.57	51.89	61.33	42.91	46.38
2,4-DMC5		0.00	11.86	0.00	16.23	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		24.11	17.01	40.29	18.37	20.88	16.08
Cyc6		123.82	129.91	104.51	123.05	109.11	103.83
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		16.83	51.72	12.23	91.22	9.54	33.34
2,3-DMC5		9.91	24.38	0.00	34.17	6.30	14.85
1,1-DMCyc5		0.00	11.52	0.00	11.06	0.00	0.00
1C,3-DMCyc5		0.00	15.21	0.00	18.77	0.00	9.38
3-MC6		17.31	53.63	12.93	91.62	10.52	33.92
1T,3-DMCyc5		8.51	18.01	0.00	23.30	0.00	11.53
1T,2-DMCyc5		12.98	25.42	0.00	29.46	8.99	16.70
n-C7		26.39	100.98	23.21	218.19	14.40	67.84
MCyc6		137.05	251.63	86.60	298.36	100.40	181.09
2,5-DMC6		0.00	0.00	0.00	19.90	0.00	0.00
2,4-DMC6		0.00	10.32	0.00	15.34	0.00	0.00
1T,2C,3-TMCyc5		0.00	9.97	0.00	14.80	0.00	0.00
Toluene		34.65	43.89	57.20	60.46	24.81	40.15
1,1,2-TMCyc5		0.00	0.00	0.00	11.67	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		10.27	41.27	0.00	90.00	6.62	31.73
4-MC7		0.00	11.42	0.00	27.04	0.00	9.12
1T,4-DMCyc6		10.74	31.10	0.00	52.05	7.21	22.95
3,4-DMC6		0.00	25.90	0.00	57.68	0.00	20.26
1C,3-DMCyc6		0.00	14.45	0.00	23.33	0.00	10.67
1C,4-DMCyc6		0.00	9.49	0.00	13.15	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc6		0.00	0.00	0.00	11.24	0.00	0.00
Cyc7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		15.99	66.83	0.00	160.07	9.27	53.79
?, RI is 807		0.00	0.00	0.00	9.10	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	15.19	0.00	28.02	0.00	13.60
ETCyc6		8.81	26.53	0.00	51.41	0.00	21.20
?, RI is 842		0.00	11.20	0.00	19.47	0.00	9.28
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	11.64	0.00	0.00
?, RI is 857		0.00	7.90	0.00	17.25	0.00	0.00
(m+p)-Xylene		7.94	14.09	14.56	33.27	0.00	14.08
4-MC8		0.00	8.51	0.00	20.34	0.00	9.03
?, RI is 865		0.00	11.72	0.00	28.36	0.00	11.42
o-Xylene		0.00	0.00	0.00	9.82	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	17.19	0.00	47.49	0.00	17.32
SUM:		19309.8	3584.2	26481.7	4652.2	26326.5	3155.0

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS (µl gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9505/H 3260.00	C9505/O 3260.00	C9489/H 3290.00	C9489/O 3290.00	C9506/H 3290.00	C9506/O 3290.00
C1		10732.08	530.17	11005.69	1533.36	53020.67	1343.34
C2ene		0.00	18.86	15.11	23.06	0.00	36.51
C2		2392.87	118.78	3156.97	349.77	11425.24	1824.63
C3ene		62.12	18.75	75.44	29.88	15.22	26.20
C3		2477.13	278.80	2119.72	813.02	3772.06	1693.50
I-C4		547.55	65.46	311.19	248.89	519.42	180.77
C4ene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		775.31	203.25	415.25	522.31	529.58	552.98
2,2-DMC3		0.00	0.00	0.00	0.00	9.58	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		225.72	76.39	108.46	262.77	217.57	161.17
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		170.36	107.23	70.19	271.28	114.56	172.20
2,2-DMC4		0.00	0.00	5.96	20.58	18.14	15.30
CyC5		17.09	0.00	10.49	19.04	15.89	13.16
2,3-DMC4		12.26	8.55	7.42	32.88	21.95	22.02
2-MC5		54.84	54.87	24.04	153.12	79.86	88.63
3-MC5		29.88	29.52	15.43	89.66	48.33	53.50
n-C6		56.63	85.14	23.91	195.61	73.94	97.19
2,2-DMC5		0.00	0.00	0.00	11.00	0.00	8.28
MCyC5		46.96	34.95	31.41	107.06	65.98	73.47
2,4-DMC5		0.00	0.00	0.00	17.67	8.99	11.74
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		23.16	13.81	17.59	26.99	32.66	28.34
CyC6		95.83	72.90	78.63	221.57	163.89	172.25
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		11.04	35.00	6.53	72.72	35.00	42.82
2,3-DMC5		0.00	12.90	0.00	30.90	12.72	17.77
1,1-DMCyC5		0.00	0.00	0.00	17.68	8.66	11.63
1C,1-DMCyC5		0.00	0.00	0.00	23.00	10.53	14.55
3-MC6		11.42	35.01	6.76	75.99	35.34	45.00
1T,3-DMCyC5		0.00	9.54	0.00	27.21	11.64	17.03
1T,2-DMCyC5		7.30	12.17	5.75	40.20	16.95	25.81
n-C7		20.83	82.21	10.60	145.19	58.24	63.84
MCyC6		88.87	149.90	64.91	378.45	183.28	277.01
2,5-DMC6		0.00	8.72	0.00	10.82	13.78	21.33
2,4-DMC6		0.00	0.00	0.00	17.24	0.00	9.18
1T,2C,3-TMCyC5		0.00	0.00	0.00	13.43	0.00	0.00
Toluene		29.51	38.75	20.91	59.65	29.79	43.25
1,1,2-TMCyC5		0.00	0.00	0.00	8.98	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		7.87	38.38	5.21	65.53	22.22	30.87
4-MC7		0.00	11.52	0.00	19.45	0.00	9.88
1T,4-DMCyC6		0.00	25.59	5.04	53.60	19.18	35.19
3,4-DMC6		0.00	25.16	0.00	46.33	17.22	25.47
1C,3-DMCyC6		0.00	11.14	0.00	25.63	8.76	15.58
1C,4-DMCyC6		0.00	0.00	0.00	14.84	0.00	10.48
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyC6		0.00	0.00	0.00	10.51	0.00	0.00
CyC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		12.72	73.38	7.32	117.56	41.64	54.82
?, RI is 807		0.00	0.00	0.00	10.51	0.00	9.15
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	14.98	0.00	27.51	0.00	11.42
ETCyC6		0.00	26.36	0.00	47.39	17.39	29.05
?, RI is 842		0.00	9.99	0.00	18.53	0.00	8.41
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	8.26	0.00	0.00
?, RI is 857		0.00	8.66	0.00	15.73	0.00	0.00
(m+p)-Xylene		6.67	19.46	4.62	23.05	9.29	15.88
4-MC8		0.00	10.15	0.00	19.83	7.19	8.85
?, RI is 865		0.00	12.73	0.00	25.07	8.84	10.60
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	19.70	0.00	36.93	16.94	14.73
SUM:		17916.0	2408.8	17630.6	6457.2	70738.1	7454.8

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9493/H 3305.00	C9493/O 3305.00	C9494/H 3305.00	C9494/O 3305.00	C9490/H 3320.00	C9490/O 3320.00
C1		8222.50	383.97	9893.82	1069.56	19707.48	2315.19
C2ene		8.28	28.26	7.35	32.56	0.00	34.56
C2		2680.06	241.27	2033.99	698.50	2965.77	571.24
C3ene		42.28	24.73	55.56	54.30	25.77	29.59
C3		1815.36	528.45	1117.22	1092.13	1624.71	1095.23
I-C4		322.95	104.55	186.84	255.14	299.07	399.54
C4ene		0.00	0.00	2.49	9.41	0.00	0.00
? , RI is 388		0.00	0.00	1.74	0.00	0.00	0.00
n-C4		420.14	311.04	281.43	720.95	462.96	1054.92
2,2-DMC3		0.00	0.00	2.90	0.00	4.46	11.18
? , RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		156.44	118.82	100.49	335.03	152.32	654.00
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		101.77	149.06	79.27	430.02	128.29	837.90
2,2-DMC4		8.18	0.00	6.52	24.17	7.90	62.60
CyC5		12.23	12.26	8.17	31.81	11.48	40.78
2,3-DMC4		11.82	13.30	8.91	41.32	10.76	96.71
2-MC5		49.28	75.93	34.04	204.18	48.12	567.03
3-MC5		30.28	44.65	21.50	123.50	29.63	321.49
n-C6		51.64	114.35	37.36	291.13	59.53	862.07
2,2-DMC5		0.00	0.00	1.99	12.05	2.17	44.24
MCyC5		47.71	69.75	33.07	177.15	49.47	327.31
2,4-DMC5		0.00	7.66	2.44	19.67	2.70	66.43
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	11.26
1,1,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		20.27	22.40	9.88	49.12	11.35	32.81
CyC6		101.33	140.34	69.32	365.94	97.21	595.96
3,3-DMC5		0.00	0.00	0.00	0.00	1.51	24.11
2-MC6		15.10	39.90	10.55	80.64	13.28	302.92
2,3-DMC5		5.75	14.57	4.46	32.78	5.13	97.23
1,1-DMCyC5		0.00	8.47	3.89	21.72	5.03	54.80
1C,3-DMCyC5		6.26	14.29	4.50	31.17	6.49	81.21
3-MC6		15.66	42.76	11.24	84.04	14.16	300.11
1T,3-DMCyC5		6.80	16.04	5.03	35.78	7.16	94.76
1T,2-DMCyC5		9.95	22.75	7.84	53.88	10.87	134.42
n-C7		27.45	85.99	18.60	159.75	26.07	618.07
MCyC6		99.41	239.47	75.50	514.18	105.47	1161.70
2,5-DMC6		5.95	11.98	4.57	24.12	5.49	34.38
2,4-DMC6		0.00	8.90	1.85	16.42	2.13	50.84
1T,2C,3-TMCyC5		0.00	0.00	0.00	12.91	1.59	35.49
Toluene		26.13	56.35	12.56	115.03	19.86	105.97
1,1,2-TMCyC5		0.00	0.00	0.00	8.03	0.00	23.23
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		8.48	31.51	5.87	53.23	6.08	177.28
4-MC7		0.00	9.49	1.80	16.09	1.83	53.69
1T,4-DMCyC6		9.06	33.23	6.73	56.55	8.13	148.30
3,4-DMC6		6.12	23.17	4.65	39.10	4.75	133.07
1C,3-DMCyC6		0.00	14.85	3.20	27.15	3.89	66.38
1C,4-DMCyC6		0.00	8.56	2.00	15.87	2.27	36.09
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	9.04
1T,2-DMCyC6		0.00	0.00	0.00	10.12	1.23	23.29
CyC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		17.44	60.43	11.47	98.95	12.77	316.15
? , RI is 807		0.00	0.00	1.59	13.04	1.94	27.93
? , RI is 825		0.00	0.00	0.00	0.00	0.00	12.35
2,4-DMC7		0.00	10.63	2.07	22.33	2.02	43.57
ETCyC6		7.94	29.71	5.43	47.08	6.21	111.81
? , RI is 842		0.00	8.66	0.00	15.25	1.20	29.28
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	9.02
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	10.95	1.21	12.13
? , RI is 857		0.00	0.00	0.00	7.93	0.00	24.74
(m+p)-Xylene		10.16	28.17	3.55	40.48	6.43	52.15
4-MC8		0.00	9.35	1.56	17.65	1.39	34.82
? , RI is 865		0.00	9.66	1.93	17.35	1.40	43.91
o-Xylene		0.00	8.29	0.00	11.57	1.56	10.54
Nonenes		0.00	0.00	0.00	0.00	0.00	9.50
n-C9		9.51	15.06	3.07	29.01	2.26	67.15
SUM:		14389.7	3253.1	14211.8	7777.8	25992.0	14603.5

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9507/H 3320.00	C9507/O 3320.00	C9492/H 3335.00	C9492/O 3335.00	C9495/H 3335.00	C9495/O 3335.00
C1		23989.67	629.74	3738.46	403.34	53978.99	2459.65
C2ene		15.96	34.98	25.90	17.64	0.00	38.80
C2		6196.13	251.53	1767.01	52.25	14357.60	1171.68
C3ene		96.15	26.90	79.65	12.23	15.22	30.64
C3		5236.32	653.65	3227.11	249.46	6531.97	1124.36
I-C4		1140.88	188.43	890.39	120.22	1695.17	334.17
C4ene		0.00	0.00	0.00	0.00	0.00	7.99
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		1751.34	582.57	1502.24	353.68	3679.61	1056.88
2,2-DMC3		13.66	0.00	0.00	0.00	34.82	8.09
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		635.18	270.49	514.00	179.09	1712.44	652.16
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		531.02	382.86	476.06	248.98	1771.72	874.24
2,2-DMC4		27.59	15.42	23.52	11.01	106.15	54.15
CyC5		47.49	21.94	32.79	12.35	120.96	76.73
2,3-DMC4		46.80	31.10	34.73	19.20	130.13	81.09
2-MC5		233.45	201.06	180.68	125.40	698.11	462.92
3-MC5		135.79	115.82	101.71	67.33	385.18	276.88
n-C6		278.09	330.06	221.53	192.83	929.52	743.60
2,2-DMC5		0.00	11.66	0.00	7.78	34.49	28.51
MCyC5		193.79	145.95	131.39	74.07	431.45	379.98
2,4-DMC5		14.64	21.19	14.33	12.84	50.46	43.09
2,2,3-THC4		0.00	0.00	0.00	0.00	9.04	0.00
1,1,3-THCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		60.86	27.20	32.60	12.54	238.36	184.93
CyC6		347.94	264.02	225.92	119.70	755.85	741.28
3,3-DMC5		0.00	0.00	0.00	0.00	16.52	15.72
2-MC6		72.90	114.66	59.37	62.35	204.14	194.23
2,3-DMC5		26.79	37.81	19.27	17.73	59.08	60.27
1,1-DMCyC5		18.34	20.07	0.00	8.65	40.20	41.69
1C,3-DMCyC5		29.65	36.00	18.53	15.19	52.94	55.14
3-MC6		75.45	118.93	58.63	60.72	196.38	194.63
1T,3-DMCyC5		31.89	41.23	20.30	17.65	60.40	64.09
1T,2-DMCyC5		45.68	57.55	28.22	23.89	81.96	89.48
n-C7		140.15	264.39	107.06	134.42	401.73	387.50
MCyC6		397.23	523.93	243.15	206.02	742.64	861.15
2,5-DMC6		26.32	29.19	0.00	13.12	37.13	38.62
2,4-DMC6		0.00	23.31	0.00	9.61	22.35	24.91
1T,2C,3-THCyC5		0.00	20.00	0.00	0.00	12.02	14.44
Toluene		88.13	80.37	53.23	43.26	365.02	491.50
1,1,2-THCyC5		0.00	11.42	0.00	0.00	14.52	13.25
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		49.34	91.59	29.21	41.26	88.50	85.29
4-MC7		0.00	26.42	0.00	12.63	28.44	27.45
1T,4-DMCyC6		38.30	79.81	23.80	29.09	67.24	77.62
3,4-DMC6		25.68	64.54	21.53	30.39	70.14	67.02
1C,3-DMCyC6		16.89	36.31	0.00	12.76	31.98	35.10
1C,4-DMCyC6		0.00	17.72	0.00	0.00	15.71	19.00
2,2-DMC7		0.00	0.00	0.00	0.00	4.25	0.00
1T,2-DMCyC6		0.00	15.61	0.00	0.00	8.04	9.40
CyC7		0.00	0.00	0.00	0.00	2.46	0.00
n-C8		72.63	173.74	54.37	76.46	169.47	148.75
?, RI is 807		0.00	14.14	0.00	0.00	13.09	16.29
?, RI is 825		0.00	0.00	0.00	0.00	6.40	0.00
2,4-DMC7		12.49	26.76	0.00	11.54	20.94	23.21
ETCyC6		29.99	66.44	16.97	24.46	57.62	56.19
?, RI is 842		0.00	19.02	0.00	0.00	11.34	12.81
3,5-DMC7		0.00	8.23	0.00	0.00	3.45	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	10.46	0.00	0.00	17.00	30.42
?, RI is 857		0.00	16.65	0.00	0.00	11.17	0.00
(m+p)-Xylene		31.16	43.75	17.68	24.25	100.98	186.49
4-MC8		0.00	22.13	0.00	8.48	19.79	16.86
?, RI is 865		11.56	23.23	0.00	12.07	27.59	22.29
o-Xylene		0.00	10.79	0.00	0.00	25.62	46.90
Nonenes		0.00	8.18	0.00	0.00	3.98	0.00
n-C9		25.35	42.59	14.83	19.27	41.90	30.19
SUM:		42258.7	6405.5	14006.2	3207.2	90821.4	14289.7

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS (µl gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9491/H 3350.00	C9491/O 3350.00	C9508/H 3365.00	C9508/O 3365.00	C9509/H 3380.00	C9509/O 3380.00
C1		947.38	680.26	3333.27	2746.68	3230.04	2555.61
C2ene		9.08	29.74	21.80	33.98	21.56	37.11
C2		332.92	202.72	927.77	401.87	1040.62	336.49
C3ene		18.25	35.52	33.52	34.42	30.22	41.16
C3		312.42	516.83	497.51	467.40	654.39	394.86
I-C4		64.22	147.53	76.27	111.31	87.77	78.08
C4ene		1.23	0.00	2.94	11.79	5.55	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		93.92	441.83	125.29	277.65	139.61	247.61
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		28.35	202.06	37.35	127.97	39.69	81.29
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		23.99	269.62	33.00	150.53	30.74	115.43
2,2-DMC4		1.31	14.17	2.09	9.21	0.00	0.00
CyC5		1.53	16.35	0.00	9.27	4.63	9.99
2,3-DMC4		1.65	23.98	2.63	14.02	2.96	8.14
2-MC5		8.33	146.43	14.13	81.11	14.44	49.40
3-MC5		4.63	86.23	7.55	44.14	8.19	30.53
n-C6		10.02	228.74	17.23	116.15	17.52	83.03
2,2-DMC5		0.00	10.71	0.00	0.00	0.00	0.00
MCyC5		5.98	102.13	7.92	47.99	14.68	44.09
2,4-DMC5		0.00	16.91	0.00	8.19	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		1.69	19.96	3.80	16.02	8.38	22.02
CyC6		10.14	184.63	12.74	82.01	25.41	72.86
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		2.27	83.52	5.05	39.57	5.44	26.57
2,3-DMC5		0.00	25.55	0.00	10.54	0.00	8.01
1,1-DMCyC5		0.00	13.69	0.00	0.00	0.00	0.00
1C,3-DMCyC5		0.00	21.65	0.00	8.82	0.00	8.35
3-MC6		2.21	84.36	4.57	36.45	5.31	26.88
1T,3-DMCyC5		0.00	25.53	0.00	10.15	0.00	9.48
1T,2-DMCyC5		1.17	36.25	0.00	13.76	3.06	13.88
n-C7		4.25	174.36	8.97	77.21	11.49	59.52
MCyC6		11.14	345.54	17.83	130.61	31.94	140.97
2,5-DMC6		0.00	10.48	0.00	8.23	0.00	12.79
2,4-DMC6		0.00	15.36	0.00	0.00	0.00	0.00
1T,2C,3-TMCyC5		0.00	10.69	0.00	0.00	0.00	0.00
Toluene		3.37	56.89	5.64	29.23	10.53	37.50
1,1,2-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		1.32	59.94	8.81	36.35	4.09	30.11
4-MC7		0.00	18.33	0.00	0.00	0.00	0.00
1T,4-DMCyC6		1.04	52.81	4.74	17.97	3.56	23.44
3,4-DMC6		0.00	45.86	6.02	19.86	0.00	16.99
1C,3-DMCyC6		0.00	23.38	8.42	0.00	0.00	9.53
1C,4-DMCyC6		0.00	11.61	0.00	9.32	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyC6		0.00	0.00	0.00	0.00	0.00	0.00
CyC7		0.00	0.00	23.19	0.00	0.00	0.00
n-C8		2.04	109.67	17.23	47.87	7.38	44.62
?, RI is 807		0.00	9.75	6.15	0.00	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	16.78	0.00	0.00	0.00	0.00
ETCyC6		0.00	41.47	0.00	15.04	2.83	20.73
?, RI is 842		0.00	10.93	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		1.38	28.96	0.00	17.21	3.25	18.62
4-MC8		0.00	12.81	0.00	0.00	0.00	0.00
?, RI is 865		0.00	17.45	0.00	13.07	0.00	8.79
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	27.86	0.00	14.00	3.19	12.26
SUM:		1907.2	4767.8	5273.4	5347.0	5468.5	4736.8



YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS (µl gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9510/H 3395.00	C9510/O 3395.00	C9511/H 3410.00	C9511/O 3410.00	C9512/H 3425.00	C9512/O 3425.00
C1		10897.39	3801.26	6113.73	7087.55	14264.84	3865.77
C2ene		24.41	51.30	28.99	93.44	48.82	73.00
C2		2758.13	581.66	1481.17	790.33	2709.42	638.46
C3ene		107.17	53.64	105.84	65.19	108.40	77.03
C3		4963.87	1288.22	2216.88	894.74	3264.78	1082.90
I-C4		2361.49	998.81	1149.20	661.10	1427.18	690.79
C4ene		8.23	9.59	13.17	0.00	14.11	12.93
?, RI is 388		9.80	0.00	0.00	0.00	0.00	9.15
n-C4		4154.52	3035.07	2300.78	1996.17	2755.54	2116.61
2,2-DMC3		49.43	30.03	25.09	0.00	25.68	19.35
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		1593.58	1890.72	889.95	1319.32	1051.82	1264.63
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		1542.87	2724.48	965.56	2050.00	1162.36	1896.83
2,2-DMC4		52.95	91.11	25.70	57.66	33.50	57.52
Cyc5		98.36	121.74	60.11	99.83	67.04	86.34
2,3-DMC4		101.97	209.55	54.28	153.96	69.83	136.42
2-MC5		491.33	1230.87	278.37	971.50	376.85	815.51
3-MC5		273.97	674.85	152.61	541.09	210.70	451.91
n-C6		647.25	2026.33	381.61	1799.25	405.61	1364.71
2,2-DMC5		13.14	46.02	6.90	38.72	10.24	29.31
MCyc5		349.64	748.14	205.46	650.20	267.47	529.33
2,4-DMC5		24.63	104.26	12.42	89.43	20.13	63.35
2,2,3-TMC4		0.00	15.09	0.00	0.00	0.00	10.45
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		24.80	29.39	13.34	23.73	19.68	15.82
Cyc6		468.39	981.05	255.97	852.26	335.95	679.29
3,3-DMC5		7.21	24.50	0.00	20.23	0.00	15.41
2-MC6		112.59	480.39	57.52	480.01	102.42	293.24
2,3-DMC5		41.16	159.33	20.24	149.95	35.74	100.00
1,1-DMCyc5		26.28	79.55	12.09	67.50	20.24	51.18
1C,3-DMCyc5		48.87	167.11	25.73	159.31	42.85	111.28
3-MC6		110.74	469.16	54.44	470.68	102.88	291.82
1T,3-DMCyc5		52.90	187.81	27.79	180.36	46.18	123.53
1T,2-DMCyc5		78.04	276.57	41.91	267.38	68.31	184.82
n-C7		229.96	1091.05	118.83	1251.17	131.38	686.77
MCyc6		562.11	1914.96	278.22	1907.08	483.52	1281.88
2,5-DMC6		41.85	198.97	20.06	214.49	39.35	122.22
2,4-DMC6		14.22	74.36	6.25	80.86	14.39	44.79
1T,2C,3-TMCyc5		12.59	59.12	6.08	68.94	13.23	36.77
Toluene		61.89	117.89	32.33	72.62	48.69	37.35
1,1,2-TMCyc5		5.45	33.01	0.00	39.46	0.00	18.58
2,3-DMC6		0.00	12.79	0.00	0.00	0.00	0.00
2-MC7		39.37	233.15	17.09	296.94	36.72	133.96
4-MC7		12.17	74.05	5.17	94.09	12.81	42.85
1T,4-DMCyc6		49.82	249.64	21.96	306.49	52.81	157.99
3,4-DMC6		29.80	178.35	12.27	225.34	30.91	101.17
1C,3-DMCyc6		22.04	107.65	9.27	130.75	22.98	68.12
1C,4-DMCyc6		11.44	32.52	4.76	36.72	6.94	20.77
2,2-DMC7		0.00	9.28	0.00	0.00	0.00	0.00
1T,2-DMCyc6		10.83	58.68	4.92	76.35	12.81	37.16
Cyc7		0.00	18.84	0.00	22.77	0.00	13.14
n-C8		83.27	470.67	33.85	641.96	70.46	280.55
?, RI is 807		10.43	51.04	0.00	60.78	10.71	31.36
?, RI is 825		0.00	16.68	0.00	22.22	0.00	9.75
2,4-DMC7		8.33	51.56	0.00	67.89	9.06	30.12
ETCyc6		31.65	179.92	12.16	236.18	34.38	111.08
?, RI is 842		5.12	32.39	0.00	43.18	0.00	19.07
3,5-DMC7		0.00	14.12	0.00	19.20	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		6.72	27.30	0.00	26.08	6.58	11.38
?, RI is 857		0.00	36.35	0.00	49.65	0.00	21.06
(m+p)-Xylene		25.60	79.65	11.62	55.99	23.34	26.50
4-MC8		6.93	47.35	0.00	61.32	7.45	27.08
?, RI is 865		8.13	55.69	0.00	71.79	8.17	28.88
o-Xylene		0.00	24.16	0.00	0.00	0.00	0.00
Nonenes		0.00	17.28	0.00	22.09	0.00	9.42
n-C9		12.82	85.04	0.00	115.06	12.60	44.50
SUM:		32797.6	28241.1	17571.7	28348.4	30157.9	20612.9

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9513/H 3440.00	C9513/O 3440.00	C9514/H 3455.00	C9514/O 3455.00	C9515/H 3470.00	C9515/O 3470.00
c1		16787.62	6790.64	12231.79	9050.79	9482.58	13664.45
c2ene		125.84	82.23	97.29	76.27	43.24	59.63
c2		3447.51	974.24	2677.73	1021.91	2186.06	1296.92
c3ene		133.99	84.52	111.38	80.54	101.90	67.80
c3		3661.14	1404.04	3139.43	919.03	2586.03	1124.41
I-C4		1468.92	727.43	897.59	350.18	779.05	393.40
C4ene		21.53	14.14	10.04	16.43	12.05	12.93
?, RI is 388		0.00	10.84	10.17	13.35	0.00	10.45
n-C4		2861.85	2460.98	1818.16	1219.94	1642.68	1320.61
2,2-DMC3		31.27	26.99	17.86	13.54	14.35	9.64
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		919.01	1193.40	421.32	479.24	389.01	508.29
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		965.45	1896.28	446.42	803.28	411.61	829.84
2,2-DMC4		24.28	49.72	10.05	18.00	9.38	18.50
Cyc5		57.96	101.62	43.87	50.60	39.05	56.76
2,3-DMC4		46.54	124.72	20.84	45.19	18.57	47.76
2-MC5		233.51	763.34	99.54	282.53	90.21	292.67
3-MC5		131.29	431.12	60.02	161.35	53.83	169.46
n-C6		311.07	1328.02	140.67	518.94	121.19	518.77
2,2-DMC5		4.97	28.37	0.00	8.87	0.00	11.26
MCyc5		185.71	553.00	114.31	245.04	102.50	266.44
2,4-DMC5		9.01	64.36	4.18	18.24	3.50	19.26
2,2,3-TMC4		0.00	9.44	0.00	0.00	0.00	0.00
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		13.88	24.67	13.71	29.04	12.15	29.80
Cyc6		230.45	734.24	158.47	325.21	140.84	352.19
3,3-DMC5		0.00	15.84	0.00	0.00	0.00	0.00
2-MC6		42.65	312.09	22.41	108.88	18.21	109.70
2,3-DMC5		15.59	107.75	8.54	37.03	6.99	38.55
1,1-DMCyc5		10.52	52.54	5.75	18.32	4.79	18.84
1C,3-DMCyc5		21.12	119.01	12.84	46.58	10.92	50.21
3-MC6		42.28	313.19	22.99	109.32	18.33	110.29
1T,3-DMCyc5		22.27	133.21	13.56	52.21	11.56	55.23
1T,2-DMCyc5		34.32	200.89	21.48	81.29	18.29	84.19
n-C7		87.50	749.59	53.09	273.04	40.08	268.00
MCyc6		228.84	1439.73	159.32	594.73	134.67	634.00
2,5-DMC6		15.53	145.42	10.96	52.75	8.37	53.85
2,4-DMC6		4.77	56.24	3.41	21.08	2.86	21.91
1T,2C,3-TMCyc5		4.87	46.83	3.73	18.51	2.92	19.40
Toluene		31.43	65.56	27.35	63.17	25.33	71.58
1,1,2-TMCyc5		0.00	24.24	0.00	9.37	0.00	8.58
2,3-DMC6		0.00	9.87	0.00	0.00	0.00	0.00
2-MC7		16.95	170.33	9.78	64.25	9.68	58.83
4-MC7		0.00	54.19	0.00	19.98	0.00	18.49
1T,4-DMCyc6		17.84	204.41	15.12	83.40	12.07	85.41
3,4-DMC6		9.25	130.09	6.90	48.40	5.28	44.46
1C,3-DMCyc6		7.82	85.60	6.11	35.17	4.68	35.69
1C,4-DMCyc6		4.17	26.52	3.34	18.67	2.78	11.12
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc6		4.16	48.40	3.53	20.51	2.71	21.21
Cyc7		0.00	16.38	0.00	0.00	0.00	0.00
n-C8		26.50	358.89	23.85	142.04	17.55	131.52
?, RI is 807		0.00	41.12	0.00	17.21	0.00	17.69
?, RI is 825		0.00	13.55	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	42.90	0.00	17.81	0.00	16.10
ETCyc6		9.91	153.49	9.93	60.12	7.93	60.04
?, RI is 842		0.00	29.37	0.00	12.38	0.00	11.99
3,5-DMC7		0.00	12.81	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	19.99	3.49	11.64	2.86	12.23
?, RI is 857		0.00	32.97	0.00	0.00	0.00	0.00
(m+p)-Xylene		11.75	45.57	8.99	33.04	8.41	34.35
4-MC8		0.00	42.42	0.00	15.62	0.00	13.35
?, RI is 865		0.00	43.09	0.00	17.31	0.00	14.01
o-Xylene		0.00	18.05	0.00	0.00	0.00	0.00
Nonenes		0.00	16.15	0.00	0.00	0.00	0.00
n-C9		0.00	69.89	4.50	26.46	3.22	21.61
SUM:		32342.8	25346.5	23005.8	17877.8	18620.4	23233.7

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9516/H	C9516/O	C9517/H	C9517/O	C9518/H	C9518/O
		3485.00	3485.00	3500.00	3500.00	3515.00	3515.00
C1		8453.60	9510.71	6674.25	7506.77	7057.32	4976.70
C2ene		37.19	66.52	29.22	59.78	67.57	64.24
C2		1685.65	1067.54	1266.64	726.51	1464.63	731.31
C3ene		109.31	80.53	100.29	70.94	132.94	77.30
C3		1938.65	1199.82	1525.04	817.68	1605.01	865.65
I-C4		492.25	383.94	361.75	273.12	379.80	309.06
C4ene		19.84	17.30	23.27	17.15	22.09	15.10
?, RI is 388		0.00	14.16	0.00	15.81	0.00	12.44
n-C4		1093.65	1485.27	837.61	1116.96	920.82	1201.36
2,2-DMC3		13.42	15.66	12.83	15.71	7.10	12.36
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		234.26	519.47	164.85	393.48	205.86	480.18
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		248.34	896.53	179.17	695.71	236.07	811.70
2,2-DMC4		4.87	20.30	3.35	14.18	0.00	19.88
CyC5		26.34	60.62	23.43	47.10	33.11	52.57
2,3-DMC4		10.01	52.36	7.58	38.44	10.39	50.00
2-MC5		47.06	325.62	34.79	246.42	53.60	321.55
3-MC5		28.64	187.66	22.71	142.20	35.46	184.08
n-C6		63.79	579.11	50.16	437.16	78.44	544.98
2,2-DMC5		0.00	11.81	0.00	0.00	0.00	10.88
MCyC5		57.14	283.02	55.90	220.21	86.59	257.01
2,4-DMC5		0.00	23.08	0.00	16.09	0.00	26.08
2,2,3-THC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-THCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		13.61	34.37	11.11	36.29	22.58	28.45
CyC6		75.45	373.41	81.62	288.86	129.73	348.61
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		6.93	126.77	6.10	91.04	11.63	126.40
2,3-DMC5		2.83	46.07	2.68	33.97	0.00	44.83
1,1-DMCyC5		0.00	22.07	2.20	16.91	0.00	20.63
1C,3-DMCyC5		5.08	56.76	5.39	43.17	10.09	55.72
3-MC6		7.15	128.49	6.87	95.08	13.18	128.55
1T,3-DMCyC5		5.32	63.81	5.71	47.85	10.71	61.95
1T,2-DMCyC5		8.53	99.98	9.57	74.65	17.53	93.88
n-C7		14.98	299.46	15.70	212.94	30.96	302.86
MCyC6		56.38	710.38	68.40	535.57	127.23	663.59
2,5-DMC6		3.02	65.24	3.73	43.97	7.12	58.10
2,4-DMC6		0.00	26.01	0.00	19.85	0.00	26.05
1T,2C,3-THCyC5		0.00	24.15	0.00	18.59	0.00	23.48
Toluene		24.34	71.06	18.34	68.47	42.77	68.66
1,1,2-THCyC5		0.00	10.73	0.00	0.00	0.00	10.29
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	69.20	3.81	49.12	8.91	69.88
4-MC7		0.00	21.58	0.00	14.86	0.00	21.84
1T,4-DMCyC6		3.65	97.76	5.28	72.62	12.47	96.10
3,4-DMC6		0.00	52.23	2.00	36.31	0.00	52.59
1C,3-DMCyC6		0.00	41.78	2.11	30.90	0.00	40.06
1C,4-DMCyC6		0.00	22.56	0.00	17.02	0.00	12.20
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyC6		0.00	24.69	0.00	19.65	0.00	25.08
CyC7		0.00	8.74	0.00	0.00	0.00	0.00
n-C8		4.90	147.15	7.38	106.23	18.42	153.27
?, RI is 807		0.00	21.01	0.00	15.80	0.00	20.79
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	19.05	0.00	14.31	0.00	18.03
ETCyC6		0.00	68.21	3.83	52.66	11.70	67.54
?, RI is 842		0.00	14.30	0.00	11.21	0.00	13.64
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	11.93	1.77	11.99	0.00	12.20
?, RI is 857		0.00	0.00	0.00	10.88	0.00	0.00
(m+p)-Xylene		5.41	29.65	5.51	29.96	12.51	31.46
4-MC8		0.00	14.89	0.00	12.20	0.00	15.17
?, RI is 865		0.00	15.42	0.00	11.52	0.00	15.39
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	22.29	1.85	18.69	5.88	24.65
SUM:		14801.6	19662.2	11643.8	15034.6	12890.2	13776.4



YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9519/H	C9519/O	C9520/H	C9520/O	C9521/H	C9521/O
		3530.00	3530.00	3545.00	3545.00	3560.00	3560.00
C1		5930.90	5168.17	4777.23	6039.13	4697.46	4592.11
C2ene		46.36	43.80	60.75	47.97	24.36	28.09
C2		1202.34	455.57	1286.37	600.74	1039.69	459.37
C3ene		124.14	46.88	127.26	60.73	85.81	52.02
C3		1252.70	418.65	1517.65	555.47	861.00	455.32
I-C4		307.52	119.18	416.28	165.25	181.13	105.88
C4ene		44.28	23.92	28.82	13.12	29.68	28.56
? , RI is 388		0.00	0.00	0.00	13.29	0.00	0.00
n-C4		716.29	536.62	937.13	708.91	436.48	482.27
2,2-DMC3		18.18	11.14	14.77	11.35	7.88	13.78
? , RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		188.70	200.49	242.78	253.50	113.11	147.39
C5ene		2.95	0.00	0.00	0.00	0.00	0.00
n-C5		218.46	372.94	259.59	455.47	133.79	281.31
2,2-DMC4		4.51	0.00	5.42	8.92	0.00	0.00
CyC5		20.73	23.13	27.51	28.77	10.58	16.84
2,3-DMC4		10.09	20.58	11.87	24.52	5.44	12.82
2-MC5		59.77	148.17	68.96	165.00	33.49	90.94
3-MC5		35.43	85.53	41.82	97.09	19.15	52.34
n-C6		85.95	259.43	88.44	278.40	43.94	164.97
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCyC5		63.93	126.90	81.09	143.63	28.60	76.11
2,4-DMC5		0.00	10.37	0.00	10.55	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		21.14	28.22	20.21	31.14	12.30	33.18
CyC6		95.58	175.15	133.53	209.42	39.78	108.09
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		14.35	60.52	15.62	62.51	5.87	31.43
2,3-DMC5		5.69	21.32	6.52	22.88	0.00	11.23
1,1-DMCyC5		3.42	9.47	0.00	10.83	0.00	0.00
1C,3-DMCyC5		9.19	28.33	10.68	29.26	3.24	13.69
3-MC6		15.35	62.70	17.10	64.47	6.11	32.74
1T,3-DMCyC5		10.02	31.81	11.71	32.48	3.43	15.37
1T,2-DMCyC5		16.16	49.01	18.79	50.16	5.29	23.43
n-C7		37.03	149.45	37.89	147.66	13.20	71.44
MCyC6		109.83	357.58	142.58	381.40	37.64	180.70
2,5-DMC6		6.64	30.07	8.16	30.19	0.00	13.85
2,4-DMC6		3.19	14.75	0.00	14.37	0.00	0.00
1T,2C,3-TMCyC5		3.53	13.58	4.65	13.18	0.00	0.00
Toluene		26.56	37.90	28.47	50.12	13.29	37.18
1,1,2-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		10.04	43.21	12.69	38.62	3.16	17.79
4-MC7		0.00	12.86	0.00	11.22	0.00	0.00
1T,4-DMCyC6		11.47	54.34	14.49	52.59	2.74	23.32
3,4-DMC6		4.66	29.85	5.96	26.85	0.00	12.10
1C,3-DMCyC6		4.51	21.54	5.80	20.85	0.00	9.31
1C,4-DMCyC6		0.00	11.41	0.00	11.19	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyC6		3.21	13.72	0.00	13.12	0.00	0.00
CyC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		19.49	91.86	22.71	81.50	4.63	36.37
? , RI is 807		0.00	11.51	0.00	9.83	0.00	0.00
? , RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	13.45	0.00	11.25	0.00	0.00
ETCyC6		8.30	41.40	11.06	39.13	0.00	16.84
? , RI is 842		0.00	8.98	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		3.23	0.00	0.00	0.00	0.00	0.00
? , RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		6.74	14.36	7.01	19.03	3.03	9.93
4-MC8		0.00	10.28	0.00	9.24	0.00	0.00
? , RI is 865		0.00	11.98	0.00	9.68	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		3.40	18.80	4.37	14.53	0.00	0.00
SUM:		10786.0	9550.9	10533.7	11200.7	7905.3	7758.1

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9522/H 3575.00	C9522/O 3575.00	C9523/H 3590.00	C9523/O 3590.00	C9524/H 3605.00	C9524/O 3605.00
C1		10397.06	5707.94	30179.81	3697.66	60778.00	2290.22
C2ene		51.20	33.18	44.95	35.38	65.68	52.78
C2		2303.64	615.06	7233.88	887.94	14242.36	1170.08
C3ene		166.77	64.10	153.17	56.50	235.67	73.52
C3		1940.36	663.67	6003.80	1812.91	10031.03	2776.87
I-C4		442.62	139.82	1048.79	440.83	1796.35	640.84
C4ene		50.04	36.72	28.75	11.18	26.30	0.00
?, RI is 388		0.00	0.00	0.00	11.30	0.00	0.00
n-C4		875.49	658.13	1686.44	1454.99	2909.86	2095.06
2,2-DMC3		21.09	19.25	23.17	9.76	31.05	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		246.26	194.37	368.74	469.58	743.27	649.23
C5ene		2.83	0.00	0.00	0.00	0.00	0.00
n-C5		247.56	341.64	279.17	621.87	576.15	872.63
2,2-DMC4		7.41	0.00	13.31	21.01	32.99	30.31
CyC5		17.39	18.75	32.82	40.73	55.50	63.50
2,3-DMC4		14.18	17.72	20.08	43.58	47.62	62.52
2-MC5		77.80	116.02	77.08	228.12	190.75	320.86
3-MC5		44.12	66.30	45.47	130.84	109.53	181.04
n-C6		95.62	169.91	78.76	302.54	189.21	436.48
2,2-DMC5		0.00	0.00	0.00	8.43	0.00	0.00
MCyC5		56.88	82.08	83.52	165.69	172.27	272.60
2,4-DMC5		3.60	8.75	0.00	16.83	10.24	21.50
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		14.08	28.95	30.26	36.30	41.70	68.15
CyC6		88.45	121.67	152.51	267.12	313.37	467.28
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		17.29	35.84	15.74	65.68	45.03	103.67
2,3-DMC5		6.83	13.95	6.64	25.46	17.15	38.77
1,1-DMCyC5		3.89	0.00	0.00	14.65	12.38	22.86
1C,3-DMCyC5		8.56	16.10	7.95	27.57	19.46	43.03
3-MC6		17.83	36.82	16.86	64.62	44.06	102.62
1T,3-DMCyC5		9.52	18.72	8.85	30.41	21.58	47.32
1T,2-DMCyC5		14.95	29.39	14.31	46.77	33.37	72.00
n-C7		36.27	64.06	26.01	114.02	69.44	182.46
MCyC6		103.43	215.51	131.73	372.75	304.24	650.45
2,5-DMC6		6.26	14.83	6.37	25.88	17.43	42.36
2,4-DMC6		2.86	0.00	0.00	10.86	0.00	16.46
1T,2C,3-TMCyC5		3.08	0.00	0.00	10.04	0.00	0.00
Toluene		17.78	33.65	38.72	61.70	64.76	139.91
1,1,2-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		8.36	22.99	8.30	25.97	22.95	59.57
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,4-DMCyC6		9.71	26.31	11.13	40.34	28.10	73.32
3,4-DMC6		4.19	11.98	0.00	19.52	14.79	35.66
1C,3-DMCyC6		3.81	10.24	0.00	16.38	11.85	30.10
1C,4-DMCyC6		0.00	0.00	0.00	9.92	0.00	17.52
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyC6		0.00	0.00	0.00	8.24	0.00	0.00
CyC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		13.36	32.16	13.32	51.14	35.09	89.49
?, RI is 807		0.00	0.00	0.00	8.35	0.00	17.95
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	8.23	0.00	0.00
ETCyC6		5.97	16.94	6.33	25.43	23.47	46.94
?, RI is 842		0.00	0.00	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		4.30	9.36	9.09	17.24	18.48	44.20
4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 865		0.00	0.00	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	0.00	0.00	0.00	0.00	0.00
SUM:		17462.7	9712.9	47905.8	11872.3	93402.5	14422.1

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	C9525/H 3620.00	C9525/O 3620.00	G5421/H 3635.00	G5421/O 3635.00	G5422/H 3650.00	G5422/O 3650.00
C1		27926.94	2697.18	22536.99	2025.38	14196.62	3691.52
C2ene		71.80	41.81	46.67	28.13	39.42	31.82
C2		6780.47	783.55	5798.72	620.27	3500.04	805.56
C3ene		142.87	52.88	159.71	53.43	131.19	74.42
C3		4690.36	1548.80	4165.03	1173.36	2514.58	1239.43
I-C4		761.86	423.63	720.31	230.78	393.74	210.39
C4ene		17.26	0.00	36.61	11.16	34.37	17.69
?, RI is 388		0.00	0.00	0.00	11.78	0.00	20.63
n-C4		1202.73	1341.13	1188.23	868.06	666.95	808.26
2,2-DMC3		10.95	0.00	21.81	9.94	15.00	16.19
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		279.37	576.89	291.94	276.85	137.95	204.29
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		208.22	763.47	220.96	383.09	101.09	265.48
2,2-DMC4		10.20	30.85	10.55	12.29	4.71	8.52
Cyc5		20.77	44.40	19.77	22.44	10.82	16.81
2,3-DMC4		14.97	66.28	16.27	28.20	6.90	17.64
2-MC5		63.26	361.31	70.24	154.29	28.08	95.50
3-MC5		36.29	198.75	41.65	87.88	18.02	54.61
n-C6		66.64	510.42	63.53	194.68	25.32	106.41
2,2-DMC5		0.00	14.68	0.00	0.00	0.00	0.00
MCyc5		56.76	231.36	55.30	97.25	27.60	60.93
2,4-DMC5		0.00	30.39	0.00	11.55	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		21.89	41.89	20.93	27.99	13.54	23.91
Cyc6		103.68	375.21	141.81	206.39	88.01	151.43
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		15.16	132.70	13.90	45.98	4.54	26.74
2,3-DMC5		0.00	48.03	6.65	19.24	0.00	12.06
1,1-DMCyc5		0.00	25.85	0.00	10.33	0.00	0.00
1C,3-DMCyc5		0.00	48.66	6.80	18.99	0.00	10.55
3-MC6		15.01	132.74	15.43	45.92	5.24	27.64
1T,3-DMCyc5		0.00	55.12	7.55	21.22	0.00	11.99
1T,2-DMCyc5		9.58	82.01	12.27	33.15	5.89	19.57
n-C7		24.49	248.13	20.07	78.02	7.15	41.66
MCyc6		96.51	649.86	125.45	286.48	67.87	176.14
2,5-DMC6		0.00	52.29	0.00	17.47	0.00	11.71
2,4-DMC6		0.00	21.05	0.00	0.00	0.00	0.00
1T,2C,3-TMCyc5		0.00	18.58	0.00	0.00	0.00	0.00
Toluene		24.70	85.23	24.31	43.37	13.87	28.83
1,1,2-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		7.89	58.13	9.09	24.73	3.65	18.24
4-MC7		0.00	18.28	0.00	0.00	0.00	0.00
1T,4-DMCyc6		9.01	81.34	11.17	30.63	5.26	19.25
3,4-DMC6		0.00	45.85	0.00	13.75	0.00	10.76
1C,3-DMCyc6		0.00	35.20	0.00	12.08	0.00	0.00
1C,4-DMCyc6		0.00	18.33	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc6		0.00	16.02	0.00	0.00	0.00	0.00
Cyc7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		12.36	112.82	13.64	35.91	5.98	24.22
?, RI is 807		0.00	17.27	0.00	0.00	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	18.24	0.00	0.00	0.00	0.00
ETCyc6		0.00	53.01	7.24	19.78	5.13	12.50
?, RI is 842		0.00	0.00	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
Z-Benzene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		0.00	33.71	0.00	11.77	0.00	0.00
4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 865		0.00	0.00	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	17.75	0.00	0.00	0.00	0.00
SUM:		42702.0	12261.1	35900.6	7304.0	22078.5	8373.3

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	G5423/H 3665.00	G5423/O 3665.00	G5424/H 3685.00	G5424/O 3685.00	G5425/H 3695.00	G5425/O 3695.00
C1		5845.32	5425.94	9544.57	6108.43	6633.62	14720.15
C2ene		25.46	44.21	10.75	51.30	3.22	38.88
C2		1617.42	993.80	2252.65	2881.84	2138.17	5786.85
C3ene		76.37	121.77	24.64	73.78	3.81	37.55
C3		1179.02	1498.84	666.07	2293.10	658.03	4305.97
I-C4		200.53	259.09	69.56	209.48	68.44	450.66
C4ene		22.56	73.95	6.14	31.82	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		319.75	989.12	99.81	688.12	78.41	1322.82
2,2-DMC3		9.55	31.67	0.00	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		74.54	260.90	23.97	151.25	18.19	307.87
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		53.02	348.63	15.92	195.23	9.92	331.76
2,2-DMC4		2.71	9.60	0.00	0.00	0.00	15.99
CyC5		5.19	20.19	1.92	15.63	1.33	30.50
2,3-DMC4		3.91	19.82	0.00	12.67	1.11	28.90
2-MC5		16.04	109.18	6.50	69.08	4.28	129.97
3-MC5		10.03	62.56	3.63	40.55	2.25	71.76
n-C6		13.39	125.59	5.35	91.59	3.61	147.77
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCyC5		13.61	75.97	5.93	56.85	3.71	118.31
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		6.54	38.34	2.85	25.99	1.67	31.31
CyC6		45.29	180.99	13.13	107.61	8.70	233.39
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		2.59	22.00	1.71	25.46	1.20	42.72
2,3-DMC5		0.00	10.70	0.00	9.18	0.00	16.90
1,1-DMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCyC5		0.00	10.89	0.00	8.96	0.00	16.33
3-MC6		3.08	22.20	1.71	25.08	1.17	43.84
1T,3-DMCyC5		0.00	12.03	0.00	10.21	0.00	18.88
1T,2-DMCyC5		3.20	20.08	0.00	15.41	0.00	28.92
n-C7		4.26	33.36	2.79	43.33	2.04	71.00
MCyC6		38.05	197.17	12.44	143.77	7.61	260.21
2,5-DMC6		0.00	0.00	0.00	10.93	0.00	17.79
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Toluene		6.50	40.20	2.90	27.19	1.56	38.51
1,1,2-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	11.55	0.00	21.09	1.17	29.31
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,4-DMCyC6		2.88	15.45	0.00	19.26	0.00	0.00
3,4-DMC6		0.00	0.00	0.00	12.68	0.00	17.91
1C,3-DMCyC6		0.00	0.00	0.00	0.00	0.00	26.92
1C,4-DMCyC6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyC6		0.00	0.00	0.00	0.00	0.00	0.00
CyC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		3.12	16.86	0.00	26.59	1.62	39.50
?, RI is 807		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ETCyC6		0.00	8.93	0.00	13.82	0.00	16.48
?, RI is 842		0.00	0.00	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		0.00	0.00	0.00	9.19	0.00	0.00
4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 865		0.00	0.00	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	0.00	0.00	0.00	0.00	0.00
SUM:		9603.9	11111.6	12775.0	13526.5	9654.8	28795.6

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	G5426/H	G5426/O	G5427/H	G5427/O	G5428/H	G5428/O
		3710.00	3710.00	3737.00	3737.00	3770.00	3770.00
C1		5150.42	4028.90	4516.31	10640.01	473.84	11636.80
C2ene		4.56	25.23	51.98	47.79	21.44	12.66
C2		892.48	670.32	1127.60	825.17	141.25	181.54
C3ene		4.11	17.77	93.72	71.30	2.46	0.00
C3		313.16	482.13	653.60	440.75	77.98	184.13
I-C4		36.77	70.76	104.07	62.11	11.76	47.91
C4ene		0.00	0.00	20.32	25.59	1.26	0.00
?, RI is 388		0.00	0.00	30.58	28.69	0.00	0.00
n-C4		50.60	209.96	175.99	219.47	21.83	142.30
2,2-DMC3		0.00	0.00	11.70	20.02	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		13.51	73.91	44.69	50.44	6.27	71.07
C5ene		0.00	0.00	3.50	0.00	0.00	0.00
n-C5		9.26	103.67	48.91	108.06	6.92	111.20
2,2-DMC4		0.00	0.00	0.00	0.00	0.00	0.00
CyC5		0.00	0.00	4.29	0.00	0.00	0.00
2,3-DMC4		0.00	8.52	0.00	0.00	0.00	9.37
2-MC5		4.23	55.44	16.96	36.45	2.62	61.21
3-MC5		2.28	30.46	8.41	17.12	1.28	32.05
n-C6		4.14	82.80	29.56	82.00	4.35	117.41
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCyC5		2.51	33.67	14.90	28.84	2.12	40.54
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		0.00	0.00	6.31	23.73	0.00	0.00
CyC6		4.19	54.97	21.07	33.76	2.99	57.89
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		1.48	26.53	4.90	17.47	1.15	30.42
2,3-DMC5		0.00	8.63	0.00	0.00	0.00	8.66
1,1-DMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
1C,3-DMCyC5		0.00	0.00	0.00	0.00	0.00	9.36
3-MC6		1.73	25.88	4.94	15.39	1.06	30.16
1T,3-DMCyC5		0.00	8.97	0.00	0.00	0.00	10.09
1T,2-DMCyC5		0.00	12.22	4.08	11.27	0.00	14.13
n-C7		2.60	55.49	20.40	57.28	3.20	87.12
MCyC6		5.49	109.06	32.22	76.80	4.86	132.25
2,5-DMC6		0.00	10.70	0.00	8.61	0.00	12.55
2,4-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
Toluene		0.00	15.48	6.94	17.98	0.00	11.34
1,1,2-TMCyC5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		0.00	17.54	4.91	15.57	1.16	19.54
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,4-DMCyC6		0.00	0.00	0.00	0.00	0.00	8.37
3,4-DMC6		0.00	13.35	0.00	0.00	0.00	14.97
1C,3-DMCyC6		0.00	15.89	3.82	11.25	0.82	21.18
1C,4-DMCyC6		0.00	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyC6		0.00	0.00	0.00	0.00	0.00	0.00
CyC7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		1.54	33.65	10.86	31.17	2.01	48.09
?, RI is 807		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
ETCyC6		0.00	11.83	0.00	8.97	0.00	14.10
?, RI is 842		0.00	0.00	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		0.00	8.83	0.00	0.00	0.00	0.00
4-MC8		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 865		0.00	0.00	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		0.00	11.49	0.00	0.00	0.00	10.67
SUM:		6505.1	6334.0	7077.5	13033.1	792.6	13189.1

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	G5429/H	G5429/O	G5430/H	G5430/O	G5431/H	G5431/O
		3800.00	3800.00	3830.00	3830.00	3860.00	3860.00
C1		1510.17	2815.63	37045.97	10954.99	210099.44	96402.37
C2ene		9.40	25.78	15.74	55.34	0.00	58.40
C2		299.16	448.40	5247.19	15429.05	23876.00	68316.37
C3ene		7.80	15.00	8.18	32.65	6.42	27.84
C3		308.92	461.75	1665.73	8477.49	4528.84	23345.83
I-C4		68.59	76.71	143.49	437.45	372.40	1283.75
C4ene		9.87	11.21	6.63	16.16	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		137.50	263.46	224.86	1394.73	508.88	2541.70
2,2-DMC3		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		43.40	105.54	52.24	159.96	126.45	262.50
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		47.55	166.39	35.93	157.01	80.98	211.58
2,2-DMC4		0.00	0.00	0.00	0.00	5.65	0.00
Cyc5		3.33	9.60	5.14	19.22	7.03	21.97
2,3-DMC4		3.23	12.55	4.50	9.18	11.32	10.02
2-MC5		18.17	92.36	17.70	31.27	41.16	32.25
3-MC5		9.62	49.24	10.03	18.67	21.53	17.15
n-C6		31.46	176.87	18.41	30.20	38.59	30.10
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCyc5		17.01	73.23	16.95	42.62	22.69	32.96
2,4-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		0.00	9.28	5.16	15.95	7.82	29.46
Cyc6		27.16	119.38	40.53	96.41	60.13	79.88
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		6.81	55.35	7.45	0.00	14.12	0.00
2,3-DMC5		2.06	17.34	0.00	0.00	7.56	0.00
1,1-DMCyc5		0.00	0.00	0.00	0.00	4.64	0.00
1C,3-DMCyc5		2.75	19.49	0.00	0.00	5.11	0.00
3-MC6		6.54	54.49	7.22	0.00	13.95	0.00
1T,3-DMCyc5		3.03	21.90	3.49	0.00	6.03	0.00
1T,2-DMCyc5		4.56	32.41	5.84	8.35	10.60	0.00
n-C7		21.34	168.93	14.40	9.76	26.59	0.00
MCyc6		45.48	314.77	69.14	99.71	119.34	67.59
2,5-DMC6		2.83	27.00	3.41	0.00	6.36	0.00
2,4-DMC6		0.00	12.79	0.00	0.00	0.00	0.00
1T,2C,3-TMCyc5		0.00	10.32	0.00	0.00	0.00	0.00
Toluene		2.87	19.48	4.72	10.84	6.11	15.67
1,1,2-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		4.19	47.04	8.15	0.00	15.26	0.00
4-MC7		0.00	14.44	0.00	0.00	0.00	0.00
1T,4-DMCyc6		2.39	24.30	12.84	13.77	25.65	0.00
3,4-DMC6		3.11	34.67	4.56	0.00	7.34	0.00
1C,3-DMCyc6		5.82	59.06	4.46	0.00	7.63	0.00
1C,4-DMCyc6		0.00	10.52	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc6		0.00	11.43	0.00	0.00	0.00	0.00
Cyc7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		12.29	133.50	14.04	10.59	25.74	0.00
?, RI is 807		0.00	12.09	0.00	0.00	5.83	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		0.00	16.20	0.00	0.00	5.89	0.00
ETCyc6		3.86	43.88	6.66	0.00	11.29	0.00
?, RI is 842		0.00	0.00	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 857		0.00	0.00	0.00	0.00	5.92	0.00
(m+p)-Xylene		0.00	12.81	0.00	0.00	0.00	0.00
4-MCB		0.00	11.95	0.00	0.00	0.00	0.00
?, RI is 865		0.00	17.33	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		2.76	50.73	3.53	0.00	7.40	0.00
SUM:		2685.1	6186.6	44734.3	37531.4	240153.7	192787.4

YIELD OF HEADSPACE (H) AND OCCLUDED (O) GAS ( $\mu$ l gas/kg dry sediment)

COMPOUND	SAMPLE-ID DEPTH (m)	G5432/H 3890.00	G5432/O 3890.00	G5433/H 3920.00	G5433/O 3920.00	G5434/H 3950.00	G5434/O 3950.00
C1		45047.96	126890.98	27889.49	126135.81	128470.87	70791.52
C2ene		0.00	97.93	0.00	46.63	0.00	51.93
C2		4202.08	70788.64	3490.56	57659.68	14037.19	62939.35
C3ene		4.76	47.95	0.81	25.51	3.00	22.08
C3		1415.64	25982.63	691.02	19564.11	2610.06	23857.32
I-C4		210.53	1591.75	42.35	1040.15	172.46	1387.17
C4ene		2.00	9.43	0.00	0.00	0.00	0.00
?, RI is 388		0.00	0.00	0.00	0.00	0.00	0.00
n-C4		298.47	3118.27	61.99	2049.95	243.67	2585.84
2,2-DMC3		2.19	0.00	0.00	0.00	0.00	0.00
?, RI is 410		0.00	0.00	0.00	0.00	0.00	0.00
I-C5		92.17	361.16	10.06	193.52	47.25	263.60
C5ene		0.00	0.00	0.00	0.00	0.00	0.00
n-C5		61.44	272.02	5.92	153.94	29.47	210.79
2,2-DMC4		3.17	0.00	0.00	0.00	0.00	0.00
Cyc5		4.74	26.22	0.62	15.04	0.00	17.55
2,3-DMC4		7.31	15.34	0.70	0.00	3.85	0.00
2-MC5		28.55	45.85	2.40	20.48	14.41	28.12
3-MC5		15.11	25.28	1.26	10.64	7.56	15.01
n-C6		27.80	40.19	1.77	19.25	11.77	27.76
2,2-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
MCyc5		17.20	44.51	1.39	19.58	5.94	22.34
2,4-DMC5		2.17	0.00	0.00	0.00	0.00	0.00
2,2,3-TMC4		0.00	0.00	0.00	0.00	0.00	0.00
1,1,3-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
Benzene		2.85	30.99	0.00	17.57	4.52	24.90
Cyc6		42.17	108.03	3.98	49.65	18.68	64.02
3,3-DMC5		0.00	0.00	0.00	0.00	0.00	0.00
2-MC6		8.45	0.00	0.69	0.00	5.17	0.00
2,3-DMC5		4.24	0.00	0.00	0.00	3.00	0.00
1,1-DMCyc5		2.73	0.00	0.00	0.00	0.00	0.00
1C,3-DMCyc5		3.60	0.00	0.00	0.00	0.00	0.00
3-MC6		8.21	0.00	0.60	0.00	4.38	0.00
1T,3-DMCyc5		3.92	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc5		6.31	0.00	0.00	0.00	0.00	0.00
n-C7		16.82	0.00	0.99	0.00	8.12	0.00
MCyc6		72.93	93.63	6.23	36.14	38.42	47.72
2,5-DMC6		3.46	0.00	0.00	0.00	0.00	0.00
2,4-DMC6		2.24	0.00	0.00	0.00	0.00	0.00
1T,2C,3-TMCyc5		1.58	0.00	0.00	0.00	0.00	0.00
Toluene		3.20	17.04	0.00	8.14	0.00	11.35
1,1,2-TMCyc5		0.00	0.00	0.00	0.00	0.00	0.00
2,3-DMC6		0.00	0.00	0.00	0.00	0.00	0.00
2-MC7		7.94	0.00	0.00	0.00	6.20	0.00
4-MC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,4-DMCyc6		12.31	9.63	0.91	0.00	7.59	0.00
3,4-DMC6		3.86	0.00	0.00	0.00	2.85	0.00
1C,3-DMCyc6		4.06	0.00	0.00	0.00	0.00	0.00
1C,4-DMCyc6		1.77	0.00	0.00	0.00	0.00	0.00
2,2-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
1T,2-DMCyc6		0.00	0.00	0.00	0.00	0.00	0.00
Cyc7		0.00	0.00	0.00	0.00	0.00	0.00
n-C8		13.28	0.00	0.90	0.00	8.80	0.00
?, RI is 807		3.11	0.00	0.00	0.00	0.00	0.00
?, RI is 825		0.00	0.00	0.00	0.00	0.00	0.00
2,4-DMC7		2.71	0.00	0.00	0.00	0.00	0.00
ETCyc6		5.54	0.00	0.00	0.00	3.91	0.00
?, RI is 842		1.20	0.00	0.00	0.00	0.00	0.00
3,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
2,5-DMC7		0.00	0.00	0.00	0.00	0.00	0.00
E-Benzene		0.00	0.00	0.00	0.00	0.00	0.00
?, RI is 857		1.52	0.00	0.00	0.00	0.00	0.00
(m+p)-Xylene		1.29	0.00	0.00	0.00	0.00	0.00
4-MC8		1.23	0.00	0.00	0.00	0.00	0.00
?, RI is 865		1.83	0.00	0.00	0.00	0.00	0.00
o-Xylene		0.00	0.00	0.00	0.00	0.00	0.00
Nonenes		0.00	0.00	0.00	0.00	0.00	0.00
n-C9		3.57	0.00	0.00	0.00	0.00	0.00
SUM:		51691.3	229617.5	32214.6	207065.8	145769.1	162368.4