

E-Depth, m	2-mPhenol	3+4-mPhenol	2,6-dmPhenol	2-ePhenol	2,4+2,5-dmPhenol	4e+3e+3,5-dmPhenol	2,3-dmPhenol	3,4-dmPhenol	N	2-mN	1-mN	2-eN
3695	0.40	0.28	0.06	0.35	0.35	0.33	0.07	0.14	2.47	0.05	0.04	0.20
3900	0.61	0.36	0.09	0.59	0.36	0.40	0.08	0.19	2.72	0.06	0.04	0.28
4080	0.49	0.34	0.02	0.34	0.20	0.22	0.05	0.09	4.65	0.02	0.02	0.16

Table 4.4 Pyrolysis GC-MSD data

E-Depth, m	1-eN	2,6+2,7-dmN	1,3+1,7-dmN	1,6-dmN	2,3+1,4-dmN	1,5-dmN	1,2-dmN	1,3,7-tmN	1,3,6-tmN	1,3,5+1,4,6-tmN	2,3,6-tmN	1,6,7+1,2,7-tmN	1,2,6-tmN
3695	0.12	0.76	1.02	0.72	0.33	0.23	0.21	0.26	0.28	0.29	0.23	0.20	0.15
3900	0.16	0.68	1.06	0.63	0.43	0.21	0.22	0.23	0.27	0.30	0.23	0.22	0.17
4080	0.09	0.74	0.86	0.52	0.29	0.18	0.13	0.17	0.19	0.17	0.15	0.11	0.06

Table 4.4 Pyrolysis GC-MSD data

E-Depth, m	1,2,4-tmN	1,2,5-tmN	Phenanthrene	Anthracene	3-mP	2-mP	2-mA	9-mP	1-mP	Thiophene	2-mT	3-mT	2-eT	2,5-dmT	2,4-dmT	2,3-dmT
3695	0.04	0.09	0.92	0.14	0.40	0.44	0.17	0.45	0.49	0.71	0.46	0.10	0.01	0.13	0.14	0.10
3900	0.03	0.08	0.69	0.19	0.29	0.32	0.20	0.31	0.37	0.52	0.19	0.05	0.01	0.04	0.05	0.03
4080	0.02	0.04	1.57	0.28	0.50	0.56	0.17	0.40	0.44	0.25	0.05	0.01	0.00	0.01	0.01	0.01

E-Depth, m	3,4-dmT	pT	2e,5-mT	2e,4-mT	emT	2,3,5-tmT	2,3,4-tmT	Benzothiophene	7-mBT	2-mBT	5+6-mBT	3+4-mBT	DBT
3695	0.02	0.02	0.19	0.14	0.05	0.15	0.10	0.34	0.01	0.00	0.01	0.01	0.15
3900	0.02	0.01	0.05	0.05	0.02	0.04	0.04	0.21	0.02	0.01	0.02	0.01	0.09
4080	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.18	0.00	0.04	0.01	0.01	0.13

Table 4.4 Pyrolysis GC-MSD data

Table 4.5

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EXTRACTION/DESPHALTING DATA (SEDIMENTS)

Well	Depth (m)	Lithology	Type	Rock (g)	EOM (mg)	ASP (mg)	EOM (%)	ASP (%)	EOM (ppm)	TOC (%)	EOM/TOC (%)	Analysing comp
NOR : 35/4-1	1502.00		SWC	10.0	44.0	2.5	0.44	2.5	4,400	0.4	1.2	Norsk Hydro
NOR : 35/4-1	1675.00		SWC	7.3	31.0	7.7	0.43	7.7	4,300	0.3	1.4	Norsk Hydro
NOR : 35/4-1	1793.00		SWC	5.7	35.0	0.3	0.62	0.3	6,200	0.4	1.7	Norsk Hydro
NOR : 35/4-1	2550.00		MUD	7.9	94.0	1.7	1.19	2.1	11,900	1.2	1.0	Norsk Hydro
NOR : 35/4-1	3695.00		DC	4.5	52.0	7.3	1.16	15.6	11,600	4.8	0.2	Norsk Hydro
NOR : 35/4-1	3800.00		DC	1.6	60.0	0.8	3.73	1.5	37,300	5.5	0.7	Norsk Hydro
NOR : 35/4-1	3900.00		DC	2.5	77.0	2.0	3.07	2.9	30,700	5.4	0.6	Norsk Hydro
NOR : 35/4-1	4000.00		DC	3.9	59.0	5.5	1.51	10.4	15,100	5.7	0.3	Norsk Hydro
NOR : 35/4-1	4080.00		DC	4.1	116.0	2.5	2.84	2.4	28,400	5.2	0.5	Norsk Hydro
NOR : 35/4-1	4084.80		COCH	3.1	71.0	0.6	2.31	0.9	23,100	1.9	1.2	Norsk Hydro
NOR : 35/4-1	4158.00		COCH	17.6	26.0	2.5	0.15	10.7	1,500	4.6	0.0	Norsk Hydro
NOR : 35/4-1	4350.00		MUD	0.4	79.0	2.8	20.26	3.9	202,600	12.7	1.6	Norsk Hydro
NOR : 35/4-1	4472.00		COCH	17.8	9.0	0.6	0.05	7.4	500	0.7	0.1	Norsk Hydro
NOR : 35/4-1	4510.00		DCOM	11.6	28.0	1.9	0.24	1.9	2,400	1.0	0.2	Norsk Hydro
NOR : 35/4-1	4709.30		COCH	5.2	34.0	0.0	0.65	0.0	6,500	0.4	1.5	Norsk Hydro
NOR : 35/4-1	4812.00		DCOM	10.1	86.0	3.2	0.85	3.2	8,500	3.1	0.3	Norsk Hydro

Table 4.6

IATROSCAN - Calculated Weight% / SARA

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COMPOSITION OF EXTRACTS/OILS WELL

Well	St.Depth (m)	En.Depth (m)	Type	Lithology	Name	Calculated Weight %			HC TOTA	ASPH%	Non-HC TOTAL	TOT HC /Non-HC	Analysing Company
						SAT	ARO	NSO					
NOR 35/4-1	1502.00	1502.00	SWC	SST		6.2	0.0	91.3	6.2	2.5	93.8	0.1	NORSK HYDRO
NOR 35/4-1	1675.00	1675.00	SWC	SST		7.3	0.0	85.0	7.3	7.7	92.7	0.1	NORSK HYDRO
NOR 35/4-1	1793.00	1793.00	SWC	SST		6.4	0.0	93.3	6.4	0.3	93.6	0.1	NORSK HYDRO
NOR 35/4-1	2550.00	2550.00	MUD			6.3	0.0	91.6	6.3	2.1	93.7	0.1	NORSK HYDRO
NOR 35/4-1	3690.00	3695.00	DC	CLYST/SL		43.4	2.3	38.7	45.7	15.6	54.3	0.8	NORSK HYDRO
NOR 35/4-1	3795.00	3800.00	DC	CLYST		80.6	1.2	16.8	81.7	1.5	18.3	4.5	NORSK HYDRO
NOR 35/4-1	3895.00	3900.00	DC	CLYST		75.6	1.2	20.3	76.8	2.9	23.2	3.3	NORSK HYDRO
NOR 35/4-1	3995.00	4000.00	DC	CLYST		48.7	0.6	40.3	49.3	10.4	50.7	1.0	NORSK HYDRO
NOR 35/4-1	4077.00	4080.00	DC	SST/CLYS		62.6	1.3	33.7	63.9	2.4	36.1	1.8	NORSK HYDRO
NOR 35/4-1	4084.80	4084.80	COCH	CLYST/SL		94.3	1.6	3.1	95.9	0.9	4.1	23.6	NORSK HYDRO
NOR 35/4-1	4158.00	4158.00	COCH	CLYST/SL		82.4	3.5	3.5	85.9	10.7	14.1	6.1	NORSK HYDRO
NOR 35/4-1	4350.00	4350.00	MUD			90.8	1.0	4.3	91.8	3.9	8.2	11.2	NORSK HYDRO
NOR 35/4-1	4472.00	4472.00	COCH	CLYST/SL		87.0	1.5	4.1	88.5	7.4	11.5	7.7	NORSK HYDRO
NOR 35/4-1	4502.00	4510.00	DCOM	BULK		40.7	2.1	55.3	42.8	1.9	57.2	0.7	NORSK HYDRO
NOR 35/4-1	4709.30	4709.30	COCH	SST		96.4	1.1	2.5	97.5	0.0	2.5	39.0	NORSK HYDRO
NOR 35/4-1	4805.00	4812.00	DCOM	BULK		63.9	1.9	31.0	65.8	3.2	34.2	1.9	NORSK HYDRO

S-Depth(m)	E-Depth(m)	Well	Type	Lith	Name	Proj#	Seq.#	ie path	Instrument	Method	Version	Company	Aquired date
1502.00	1502.00	W35/4-1	swc	SST		2004629	3	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
1675.00	1675.00	W35/4-1	swc	SST		2004629	4	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
1793.00	1793.00	W35/4-1	swc	SST		2004629	5	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
2550.00	2550.00	W35/4-1	mud			2004629	6	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
3690.00	3695.00	W35/4-1	dc	CLYST/SLST		2004629	7	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
3795.00	3800.00	W35/4-1	dc	CLYST		2004629	8	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
3895.00	3900.00	W35/4-1	dc	CLYST		2004629	10	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
3995.00	4000.00	W35/4-1	dc	CLYST		2004629	11	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
4077.00	4080.00	W35/4-1	dc	SST/CLYST		2004629	12	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
4084.80	4084.80	W35/4-1	coch	CLYST/SLST		2004629	13	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
4158.00	4158.00	W35/4-1	coch	CLYST/SLST		2004629	14	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
4350.00	4350.00	W35/4-1	mud			2004629	15	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
4472.00	4472.00	W35/4-1	coch	CLYST/SLST		2004629	16	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
4502.00	4510.00	W35/4-1	dcom	BULK		2004629	17	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
4709.30	4709.30	W35/4-1	coch	SST		2004629	18	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
4805.00	4812.00	W35/4-1	dcom	BULK		2004629	19	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
nso1_02s	nso1_02s		OIL		DST1	2004629	2	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
nso1_09s	nso1_09s		OIL		DST1	2004629	9	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97
nso1_20s	nso1_20s		OIL		DST1	2004629	20	3541	HP5890II	GC-FID-SAT	fid_sat3	Norsk Hydro	12-aug-97

Table 4.7 Absolute amounts of saturated hydrocarbons

S-Depth(m)	Remarks	Country	Status	Amounts: NC11	NC12	NC13	NC14	IC16	NC15	NC16	IC18	NC17	PRISTAN	NC18	PHYT	NC19
1502.00		NOR	OK	AM	0.00	0.00	0.00	0.06	0.14	0.21	0.06	0.20	0.13	0.19	0.08	0.15
1675.00		NOR	weak	AM	0.00	0.00	0.00	0.03	0.09	0.10	0.04	0.08	0.06	0.10	0.05	0.12
1793.00		NOR	weak	AM	0.00	0.00	0.00	0.07	0.18	0.24	0.09	0.21	0.13	0.19	0.10	0.16
2550.00		NOR	weak	AM	0.00	0.00	0.00	0.02	0.06	0.05	0.01	0.03	0.02	0.03	0.01	0.03
3690.00		NOR	OK	AM	0.00	0.00	0.00	1.38	2.19	1.71	0.54	1.83	0.65	3.03	1.24	5.06
3795.00		NOR	OK	AM	0.00	0.00	0.00	3.27	7.35	9.30	2.47	10.41	5.30	9.55	3.98	6.94
3895.00		NOR	OK	AM	0.00	0.00	0.00	2.15	4.57	6.35	2.05	7.88	3.88	6.90	2.82	4.87
3995.00		NOR	OK	AM	0.00	0.00	0.00	1.20	2.08	2.08	0.73	1.93	0.85	2.92	1.36	3.15
4077.00		NOR	OK	AM	0.00	0.00	0.00	0.85	1.92	4.28	1.53	5.45	3.06	6.42	2.70	5.31
4084.80		NOR	OK	AM	0.00	0.00	0.00	5.29	9.28	8.97	2.47	8.21	3.83	6.45	2.48	4.35
4158.00	uncertain C16D34	NOR	OK	AM	0.00	0.00	0.00	6.26	12.99	11.52	3.50	25.73	12.71	18.76	7.53	11.88
4350.00		NOR	OK	AM	0.00	0.00	0.00	4.60	8.09	7.81	2.10	6.37	3.47	4.38	1.58	2.84
4472.00	uncertain C16D34	NOR	OK	AM	0.00	0.00	0.00	7.08	15.08	15.34	4.35	55.57	21.41	40.55	15.62	25.79
4502.00		NOR	OK	AM	0.00	0.00	0.00	0.39	1.11	1.93	0.65	2.16	1.01	2.73	0.99	3.43
4709.30	uncertain C16D34	NOR	OK	AM	0.00	0.00	0.00	5.16	9.26	9.51	2.48	10.62	5.42	7.80	2.92	4.67
4805.00		NOR	OK	AM	0.00	0.00	0.00	0.61	1.53	3.05	1.13	4.79	2.28	6.29	2.41	6.32
nso1_02s	Lab.Ref. psu/ref-NSO1	NOR	OK	AM	0.00	0.00	0.00	2.82	6.68	6.29	2.05	5.07	2.95	4.28	2.19	3.72
nso1_09s	Lab.Ref. psu/ref-NSO1	NOR	OK	AM	0.00	0.00	0.00	2.72	6.62	6.12	2.11	4.97	2.96	4.22	2.19	3.70
nso1_20s	Lab.Ref. psu/ref-NSO1	NOR	OK	AM	0.00	0.00	0.00	2.78	6.74	6.29	2.06	5.01	3.08	4.21	2.13	3.72

Table 4.7 Absolute amounts of saturated hydrocarbons

S-Depth(m)	NC20	NC21	NC22	NC23	NC24	NC25	NC26	NC27	NC28	NC29	NC30	NC31	NC32	NC33	NC34	NC35	C12D2	C16D34	C20D42	C24D50	C30D62
1502.00	0.12	0.09	0.07	0.05	0.04	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	4.54	4.54	4.49	4.59	2.45
1675.00	0.13	0.11	0.09	0.07	0.06	0.04	0.03	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	3.23	3.23	3.20	3.26	1.74
1793.00	0.14	0.12	0.09	0.07	0.05	0.05	0.03	0.02	0.02	0.04	0.03	0.02	0.02	0.01	0.00	0.00	5.72	5.72	5.66	5.78	3.09
2550.00	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.02	4.24	4.24	4.20	4.28	2.29
3690.00	5.97	5.75	4.21	2.70	1.41	0.50	0.20	0.12	0.09	0.11	0.09	0.08	0.06	0.06	0.06	0.04	3.84	3.84	3.80	3.88	2.07
3795.00	4.97	3.46	2.46	1.53	0.81	0.28	0.18	0.10	0.09	0.12	0.08	0.08	0.07	0.06	0.06	0.04	3.34	3.34	3.31	3.37	1.80
3895.00	3.70	2.37	1.81	1.04	0.52	0.17	0.09	0.05	0.04	0.04	0.03	0.04	0.04	0.04	0.05	0.00	2.60	2.60	2.57	2.63	1.40
3995.00	3.73	3.19	3.27	2.28	1.24	0.47	0.18	0.06	0.06	0.07	0.06	0.05	0.03	0.04	0.00	0.00	3.38	3.38	3.35	3.41	1.83
4077.00	4.69	3.79	2.88	1.94	1.04	0.38	0.14	0.05	0.03	0.03	0.01	0.02	0.01	0.01	0.02	0.03	3.44	3.44	3.41	3.47	1.86
4084.80	2.78	1.88	1.30	0.85	0.55	0.34	0.25	0.21	0.18	0.20	0.16	0.13	0.09	0.09	0.10	0.10	2.82	2.82	2.79	2.85	1.52
4158.00	8.24	5.06	3.61	2.08	1.09	0.49	0.26	0.19	0.18	0.14	0.12	0.15	0.13	0.15	0.14	0.16	3.85	3.85	3.81	3.89	2.08
4350.00	1.88	1.11	0.85	0.48	0.24	0.10	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.54	2.54	2.51	2.57	0.00
4472.00	17.42	11.83	8.22	5.24	3.23	2.05	1.46	1.24	2.32	0.96	0.79	0.63	0.47	0.49	0.47	0.41	5.56	5.56	5.56	5.67	11.11
4502.00	4.55	4.79	2.26	1.75	1.04	0.43	0.17	0.07	0.05	0.04	0.03	0.03	0.03	0.02	0.03	0.02	3.57	3.53	3.61	1.93	3.57
4709.30	3.05	1.94	0.67	0.37	0.18	0.09	0.07	0.07	0.05	0.10	0.00	0.00	0.00	0.00	0.00	0.00	2.94	2.91	2.97	1.59	8.82
4805.00	6.12	5.48	4.28	3.06	1.67	0.63	0.23	0.09	0.05	0.05	0.03	0.00	0.00	0.00	0.00	0.00	3.48	3.45	3.51	3.51	1.88
nso1_02s	3.39	2.95	2.80	2.57	2.47	2.12	1.77	1.44	1.35	1.33	0.88	0.87	0.70	0.61	0.75	0.54	4.01	4.01	3.97	4.05	2.16
nso1_09s	3.40	2.97	2.78	2.52	2.40	2.07	1.75	1.43	1.32	1.28	0.92	0.89	0.67	0.58	0.72	0.50	4.01	4.01	3.97	4.05	2.16
nso1_20s	3.41	2.98	2.76	2.50	2.37	2.04	1.70	1.36	1.31	1.32	0.89	0.87	0.67	0.58	0.69	0.52	4.01	4.01	3.97	4.05	2.16

Table 4.7 Absolute amounts of saturated hydrocarbons

S-Depth(m)	E-Depth(m)	Type	Lith	Name	Pr/nC	Ph/nC18	(Pr/nC17	Pr/Ph	nC17/(r	CPI1	CPI2 (nC26:nC27)
1502.00	1502.00	swc	SST		0.65	0.42	1.54	1.63	0.91	1.21	1.00
1675.00	1675.00	swc	SST		0.75	0.50	1.50	1.20	0.73	1.13	1.00
1793.00	1793.00	swc	SST		0.62	2.11	0.29	0.33	0.64	2.03	1.60
2550.00	2550.00	mud			0.67	0.33	2.00	2.00	0.75	1.10	0.67
3690.00	3695.00	dc	CLYST/SLST		0.36	0.41	0.87	0.52	0.94	1.15	0.75
3795.00	3800.00	dc	CLYST		0.51	0.42	1.22	1.33	0.99	0.94	0.71
3895.00	3900.00	dc	CLYST		0.49	0.41	1.20	1.38	0.99	0.97	0.71
3995.00	4000.00	dc	CLYST		0.44	0.47	0.95	0.63	0.97	1.20	0.50
4077.00	4080.00	dc	SST/CL		0.56	0.42	1.34	1.13	0.99	1.46	0.53
4084.80	4084.80	coch	CLYST		0.47	0.38	1.21	1.54	0.98	1.03	0.91
4158.00	4158.00	coch	CLYST		0.49	0.40	1.23	1.69	0.99	1.00	0.84
4350.00	4350.00	mud			0.54	0.36	1.51	2.20	0.99	1.56	1.00
4472.00	4472.00	coch	CLYST		0.39	0.39	1.00	1.37	0.98	0.80	0.92
4502.00	4510.00	dcom	BULK		0.47	0.36	1.29	1.02	0.97	1.24	0.58
4709.30	4709.30	coch	SST		0.51	0.37	1.36	1.86	0.99	0.34	1.00
4805.00	4812.00	dcom	BULK		0.48	0.38	1.24	0.95	0.98	2.26	0.56
nso1_02s	nso1_02s	OIL		DST1	0.58	0.51	1.14	1.35	0.78	1.06	0.90
nso1_09s	nso1_09s	OIL		DST1	0.60	0.52	1.15	1.35	0.78	1.05	0.90
nso1_20s	nso1_20s	OIL		DST1	0.61	0.51	1.22	1.45	0.79	1.06	0.89

Table 4.8 Molecular ratios, saturated hydrocarbons

Table 4.9



Amounts

S-Depth (m)	E-Depth (m)	Well	Type	Lithology	Name	Orgid	Project	Seq.#	File name	File path	Instrument	Setup	Method
1502.00	1502.00	35/4-1	SWC	SST	28	626191	2004629	3	1502.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
1675.00	1675.00	35/4-1	SWC	SST	19	625842	2004629	4	1675.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
1793.00	1793.00	35/4-1	SWC	SST	11	626185	2004629	5	1793.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
2550.00	2550.00	35/4-1	MUD			625838	2004629	6	2550.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
3690.00	3695.00	35/4-1	DC	CLYST/SL		625857	2004629	7	3695.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
3795.00	3800.00	35/4-1	DC	CLYST		625856	2004629	8	3800.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
3895.00	3900.00	35/4-1	DC	CLYST		625855	2004629	10	3900.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
3995.00	4000.00	35/4-1	DC	CLYST		625854	2004629	11	4000.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4077.00	4080.00	35/4-1	DC	SST		625853	2004629	12	4080.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4084.80	4084.80	35/4-1	COCH	CLYST/SL		625750	2004629	13	4084.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4158.00	4158.00	35/4-1	COCH	CLYST/SL		625751	2004629	14	4158.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4350.00	4350.00	35/4-1	MUD			625840	2004629	15	4350.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4472.00	4472.00	35/4-1	COCH	CLYST/SL		625753	2004629	16	4472.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4502.00	4510.00	35/4-1	DCOM	BULK		626230	2004629	17	4510.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4709.30	4709.30	35/4-1	COCH	SST		625754	2004629	18	4709.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4805.00	4812.00	35/4-1	DCOM	BULK		626229	2004629	19	4812.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C

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Peak values - amounts: ng/mg EOM

E-Depth (m)	Operator	Company	Aquired date	Misc.info.	Country	Status	19/3	20/3	21/3	23/3	24/3
1502.00	LINDA	NORSK HYDRO	10-07-1997		NOR	WEAK	0	0	0	0	0
1675.00	LINDA	NORSK HYDRO	10-07-1997		NOR	WEAK	0	1	0	0	0
1793.00	LINDA	NORSK HYDRO	10-07-1997		NOR	WEAK	0	0	0	1	0
2550.00	LINDA	NORSK HYDRO	10-07-1997		NOR	WEAK	0	0	0	0	0
3695.00	LINDA	NORSK HYDRO	10-07-1997		NOR	WEAK	1	2	4	8	2
3800.00	LINDA	NORSK HYDRO	11-07-1997		NOR	WEAK	1	1	3	4	1
3900.00	LINDA	NORSK HYDRO	11-07-1997		NOR	WEAK	1	1	2	3	1
4000.00	LINDA	NORSK HYDRO	11-07-1997		NOR	WEAK	1	2	4	7	2
4080.00	LINDA	NORSK HYDRO	11-07-1997		NOR	WEAK	1	1	3	5	1
4084.80	LINDA	NORSK HYDRO	11-07-1997		NOR	WEAK	1	1	2	2	1
4158.00	LINDA	NORSK HYDRO	11-07-1997		NOR	WEAK	3	3	6	9	3
4350.00	LINDA	NORSK HYDRO	11-07-1997		NOR	WEAK	1	1	1	2	0
4472.00	LINDA	NORSK HYDRO	11-07-1997		NOR	WEAK	6	4	11	18	7
4510.00	LINDA	NORSK HYDRO	11-07-1997		NOR	WEAK	1	1	4	9	3
4709.30	LINDA	NORSK HYDRO	11-07-1997		NOR	WEAK	1	1	2	3	1
4812.00	LINDA	NORSK HYDRO	11-07-1997		NOR	WEAK	1	1	4	9	2



Peak values - amounts: ng/mg EOM

E-Depth (m)	25/3	26/3R	26/3S	28/3R	28/3S	29/3R	29/3S	30/3R	30/3S	24/4	27Ts
1502.00	0	0	0	0	0	0	0			0	0
1675.00	0	0	0	0	0	0	0			0	0
1793.00	0	0	0	0	0	0	0			0	1
2550.00	0	0	0	0	0	0	0			0	0
3695.00	2	1	1	0	0	0	0			2	3
3800.00	0	0	0	0	0	0	0			1	1
3900.00	0	0	0	0	0	0	0			1	1
4000.00	1	1	1	0	0	0	0			1	1
4080.00	1	0	0	0	0	0	0			1	1
4084.80	1	0	0	0	0	0	0			1	1
4158.00	2	1	1	1	0	1	0			3	2
4350.00	0	0	0	0	0	0	0			0	0
4472.00	4	3	2	2	2	2	2			7	6
4510.00	2	2	2	1	1	1	1			2	2
4709.30	1	1	1	1	1	1	1			1	1
4812.00	2	1	1	1	0	1	1			2	1



Peak values - amounts: ng/mg EOM

E-Depth (m)	27Tm	27b	25nor28ab	28ab	25nor29ab	29ab	29ba	29Ts	25nor30ab	30ab	30ba
1502.00	0	0	0	0	0	1	0	0	0	1	0
1675.00	0	0	1	0	0	0	0	0	0	0	0
1793.00	1	0	6	0	1	1	0	1	0	1	0
2550.00	0	0	0	0	0	0	0	0	0	0	0
3695.00	1	0	0	0	0	3	0	2	0	5	0
3800.00	0	0	0	0	0	2	0	2	0	3	0
3900.00	0	0	0	0	0	1	0	1	0	1	0
4000.00	1	0	0	0	0	2	0	1	0	2	0
4080.00	0	0	0	0	0	1	0	1	0	1	0
4084.80	0	0	0	0	0	1	0	0	0	1	0
4158.00	1	1	0	1	1	4	1	1	1	3	0
4350.00	0	0	0	0	0	0	0	0	0	0	0
4472.00	5	2	2	2	3	14	2	5	2	12	1
4510.00	2	1	1	1	3	6	1	2	1	6	0
4709.30	1	1	1	1	1	3	0	1	0	3	0
4812.00	1	1	1	1	1	3	0	1	1	3	0



Peak values - amounts: ng/mg EOM

E-Depth (m)	30bb	30D	30G	30O	30D13	31abS	31abR	31ba	30nor32ab	32abS	32abR
1502.00		0	0		0	1	0	0		0	0
1675.00		0	0		0	0	0	0		0	0
1793.00		1	0		0	0	0	0		0	0
2550.00		0	0		0	0	0	0		0	0
3695.00		1	0		0	2	2	0		1	1
3800.00		1	0		0	2	1	0		1	1
3900.00		0	0		0	1	1	0		1	0
4000.00		1	0		0	1	1	0		1	1
4080.00		0	0		0	1	0	0		0	0
4084.80		1	0		0	0	0	0		0	0
4158.00		1	0		0	2	1	0		1	1
4350.00		0	0		0	0	0	0		0	0
4472.00		2	1		1	7	5	0		4	3
4510.00		0	1		1	4	3	0		2	1
4709.30		0	0		0	2	1	0		1	1
4812.00		0	0		0	2	1	0		1	1



Peak values - amounts: ng/mg EOM

E-Depth (m)	33abS	33abR	34abS	34abR	35abS	35abR	21aa	21bb	22aa	22bb	23aa
1502.00	0	0	0	0	0	0	0	0	0	0	0
1675.00	0	0	0	0	0	0	0	0	0	0	0
1793.00	0	0	0	0	0	0	1	1	1	0	0
2550.00	0	0	0	0	0	0	0	0	0	0	0
3695.00	1	0	0	0	0	0	2	1	1	1	1
3800.00	1	0	0	0	0	0	1	0	1	0	0
3900.00	0	0	0	0	0	0	1	0	0	0	0
4000.00	1	0	0	0	0	0	2	1	1	0	0
4080.00	0	0	0	0	0	0	1	0	0	0	0
4084.80	0	0	0	0	0	0	1	0	0	0	0
4158.00	1	1	0	1	0	0	3	2	2	1	1
4350.00	0	0	0	0	0	0	1	0	0	0	0
4472.00	3	2	2	1	1	1	6	5	3	3	3
4510.00	2	1	1	1	1	0	1	1	1	1	1
4709.30	1	0	0	0	0	0	1	1	1	1	1
4812.00	0	0	0	0	0	0	2	1	1	0	0



Peak values - amounts: ng/mg EOM

E-Depth (m)	23bb	27dbS	27dbR	27daR	27daS	27aaS	27bbR	27bbS	27aaR	28dbSA	28dbSB
1502.00		0	0				0	0	0		
1675.00		0	0				0	0	0		
1793.00		1	0				0	0	0		
2550.00		0	0				0	0	0		
3695.00		3	1				1	1	7		
3800.00		1	0				0	0	1		
3900.00		1	0				0	0	1		
4000.00		2	1				1	1	4		
4080.00		1	1				1	1	2		
4084.80		1	1				1	0	2		
4158.00		4	2				2	1	5		
4350.00		1	0				0	0	1		
4472.00		13	8				9	6	13		
4510.00		5	3				3	2	10		
4709.30		4	2				2	2	2		
4812.00		3	1				2	1	5		



Peak values - amounts: ng/mg EOM

E-Depth (m)	28dbRA	28dbRB	28daR	28daS	28aaS	28bbR	28bbS	28aaR	29dbS	29dbR	29daR
1502.00						0	0				
1675.00						0	0				
1793.00						0	0				
2550.00						0	0				
3695.00						1	1				
3800.00						0	0				
3900.00						0	0				
4000.00						0	0				
4080.00						0	0				
4084.80						0	0				
4158.00						1	1				
4350.00						0	0				
4472.00						4	5				
4510.00						2	2				
4709.30						1	1				
4812.00						1	1				



Peak values - amounts: ng/mg EOM

E-Depth (m)	29daS	29aaS	29bbR	29bbS	29aaR	30dbS	30dbR	30daR	30daS	30aaS	30bbR
1502.00		0	0	0	0						
1675.00		0	0	0	0						
1793.00		0	0	0	0						0
2550.00		0	0	0	0						0
3695.00		0	0	0	0						0
3800.00		0	1	1	0						0
3900.00		0	0	0	0						0
4000.00		0	0	0	0						0
4080.00		0	1	1	0						0
4084.80		0	0	0	0						0
4158.00		0	0	0	0						0
4350.00		1	1	1	1						0
4472.00		0	0	0	0						0
4510.00		3	6	5	3						0
4709.30		1	2	2	1						0
4812.00		1	2	1	1						1
		0	1	1	1						0
											0
											0



Peak values - amounts: ng/mg EOM

E-Depth (m)	30bbS	30aaR	24baa	4D21a	2D29ba	4D27aaR
1502.00	0		33			
1675.00	0		23			
1793.00	0		41			
2550.00	0		31			
3695.00	0		28			
3800.00	0		24			
3900.00	0		19			
4000.00	0		24			
4080.00	0		25			
4084.80	0		20			
4158.00	0		28			
4350.00	0		18			
4472.00	1		40			
4510.00	0		26			
4709.30	0		21			
4812.00	0		25			

Table 4.10



sat-biom ord. samples - Amount

S-Depth (m)	E-Depth (m)	Well	Type	Lithology	Name	Orgid	Project	Seq.#	File name	File path	Instrument	Setup	Method
1502.00	1502.00	35/4-1	SWC	SST	28	626191	2004629	3	1502.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
1675.00	1675.00	35/4-1	SWC	SST	19	625842	2004629	4	1675.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
1793.00	1793.00	35/4-1	SWC	SST	11	626185	2004629	5	1793.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
2550.00	2550.00	35/4-1	MUD			625838	2004629	6	2550.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
3690.00	3695.00	35/4-1	DC	CLYST/SL		625857	2004629	7	3695.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
3795.00	3800.00	35/4-1	DC	CLYST		625856	2004629	8	3800.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
3895.00	3900.00	35/4-1	DC	CLYST		625855	2004629	10	3900.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
3995.00	4000.00	35/4-1	DC	CLYST		625854	2004629	11	4000.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4077.00	4080.00	35/4-1	DC	SST/CLYS		625853	2004629	12	4080.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4084.80	4084.80	35/4-1	COCH	CLYST/SL		625750	2004629	13	4084.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4158.00	4158.00	35/4-1	COCH	CLYST/SL		625751	2004629	14	4158.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4350.00	4350.00	35/4-1	MUD			625840	2004629	15	4350.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4472.00	4472.00	35/4-1	COCH	CLYST/SL		625753	2004629	16	4472.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4502.00	4510.00	35/4-1	DCOM	BULK		626230	2004629	17	4510.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4709.30	4709.30	35/4-1	COCH	SST		625754	2004629	18	4709.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C
4805.00	4812.00	35/4-1	DCOM	BULK		626229	2004629	19	4812.D	3541S	HP5971A	GC-MSD-SA	MSD_S_C



Ratios - amounts:

E-Depth (m)	Operator	Company	Aquired date	Misc.info.	Country	Status	Data Type	%29aas	%29bb	%27ster	%28ster	%29ster
1502.00	LINDA	NORSK HYDRO	1997-07-10		NOR	WEAK	AM	45.77	58.83	36.89	23.63	31.56
1675.00	LINDA	NORSK HYDRO	1997-07-10		NOR	WEAK	AM	50.38	81.93	57.14	20.63	14.29
1793.00	LINDA	NORSK HYDRO	1997-07-10		NOR	WEAK	AM	50.97	48.98	31.88	26.81	29.35
2550.00	LINDA	NORSK HYDRO	1997-07-10		NOR	WEAK	AM	44.12	61.18	33.33	25.64	32.05
3695.00	LINDA	NORSK HYDRO	1997-07-10		NOR	WEAK	AM	48.20	60.30	43.77	22.71	28.81
3800.00	LINDA	NORSK HYDRO	1997-07-11		NOR	WEAK	AM	55.69	59.99	37.99	18.44	39.11
3900.00	LINDA	NORSK HYDRO	1997-07-11		NOR	WEAK	AM	51.89	60.42	38.96	22.08	32.47
4000.00	LINDA	NORSK HYDRO	1997-07-11		NOR	WEAK	AM	44.23	60.89	36.69	23.38	31.65
4080.00	LINDA	NORSK HYDRO	1997-07-11		NOR	WEAK	AM	42.79	60.45	46.33	22.03	28.25
4084.80	LINDA	NORSK HYDRO	1997-07-11		NOR	WEAK	AM	35.34	64.51	39.20	22.40	28.80
4158.00	LINDA	NORSK HYDRO	1997-07-11		NOR	WEAK	AM	44.27	62.24	39.72	22.43	31.31
4350.00	LINDA	NORSK HYDRO	1997-07-11		NOR	WEAK	AM	45.83	65.81	42.31	21.79	26.92
4472.00	LINDA	NORSK HYDRO	1997-07-11		NOR	WEAK	AM	44.19	64.59	40.00	23.55	30.09
4510.00	LINDA	NORSK HYDRO	1997-07-11		NOR	WEAK	AM	39.97	62.39	39.36	24.15	29.70
4709.30	LINDA	NORSK HYDRO	1997-07-11		NOR	WEAK	AM	53.32	70.32	38.33	26.13	27.87
4812.00	LINDA	NORSK HYDRO	1997-07-11		NOR	WEAK	AM	42.03	64.78	40.92	23.94	29.71



Ratios - amounts:

E-Depth (m)	%30ster	%preg	%20/3	%23/3	%24/4	%tri	%27ts	%28ab	%29ts	%25nor30ab	%29ab
1502.00	7.92	15.28	9.98	59.72	40.21	13.83	52.08	2.22	24.41	6.55	49.33
1675.00	7.94	48.36	64.39	59.89	52.98	62.33	12.16	17.19	55.23	47.83	64.92
1793.00	11.96	30.13	12.96	47.13	41.13	23.35	49.68	25.61	46.04	22.62	41.46
2550.00	8.97	20.41	13.56	50.00	31.03	14.75	59.18	4.52	17.02	9.95	38.09
3695.00	4.71	19.78	7.93	68.93	34.68	49.04	69.74	8.36	41.16	3.70	37.79
3800.00	4.47	21.49	11.01	74.44	27.48	43.03	75.98	1.10	48.60	2.17	33.78
3900.00	6.49	23.76	11.34	71.14	33.33	54.61	69.44	2.75	37.65	6.61	42.85
4000.00	8.27	20.34	9.05	72.08	33.51	57.76	61.36	13.84	37.63	6.80	45.85
4080.00	3.39	18.81	9.76	71.64	31.35	63.38	57.45	19.31	33.55	11.07	49.65
4084.80	9.60	22.36	11.11	64.65	33.91	53.80	72.97	18.09	40.85	13.39	48.13
4158.00	6.54	24.38	10.76	65.79	37.83	52.96	61.00	17.59	28.57	14.16	52.73
4350.00	8.97	25.00	13.32	66.21	30.84	60.53	57.89	19.64	32.20	21.56	54.99
4472.00	6.36	17.57	8.79	62.43	37.77	41.47	56.92	16.80	26.50	11.51	53.65
4510.00	6.80	10.70	6.14	63.20	31.55	40.02	52.42	17.40	26.85	19.13	49.05
4709.30	7.67	16.08	8.96	58.08	34.13	38.87	53.19	22.56	30.43	12.71	49.97
4812.00	5.43	15.37	5.80	68.91	31.00	58.43	54.37	17.68	27.62	18.35	50.49



Ratios - amounts:

E-Depth (m)	%30ba	%30d	%30g	%32abs	%35ab	%27hop	%28hop	%29hop	%30hop	%31hop	%32hop
1502.00	8.67	14.29	13.16	59.39	42.02	12.05	0.40	19.16	19.29	20.36	12.08
1675.00	8.79	45.37	57.43	30.77	46.97	16.39	2.66	26.59	14.04	4.87	14.40
1793.00	15.97	44.42	18.09	53.57	37.97	17.72	5.98	15.46	20.67	14.33	9.48
2550.00	10.78	8.65	4.52	52.94	53.70	14.37	0.88	14.37	20.83	16.71	9.97
3695.00	8.42	18.57	8.16	59.71	36.08	18.52	2.03	14.78	24.27	18.47	10.99
3800.00	7.66	17.59	9.53	63.78	30.14	13.58	0.27	13.77	26.00	21.23	13.04
3900.00	9.78	22.90	13.99	64.58	37.88	14.31	0.53	15.90	20.76	18.68	12.72
4000.00	6.65	25.14	10.85	62.18	45.33	16.01	3.00	17.47	20.02	18.47	10.83
4080.00	9.09	22.88	11.07	59.70	51.28	15.72	4.18	18.56	19.22	17.73	11.21
4084.80	10.96	50.40	20.95	68.97	58.82	21.27	2.87	14.95	14.62	16.39	8.34
4158.00	10.30	21.36	9.64	60.81	44.44	14.77	3.25	19.65	16.98	16.99	10.93
4350.00	14.55	8.40	23.40	55.56	50.00	14.11	2.97	18.57	14.22	15.22	10.03
4472.00	4.48	11.51	10.09	54.96	39.19	15.18	3.50	23.05	18.17	17.44	10.20
4510.00	5.94	2.53	11.22	60.73	40.46	13.09	3.75	19.49	18.92	18.74	11.01
4709.30	6.76	4.00	9.42	61.22	44.74	17.28	5.15	19.85	18.95	16.17	9.01
4812.00	8.15	10.78	10.78	60.54	43.48	15.93	4.05	21.31	20.52	17.70	9.29



Ratios - amounts:

E-Depth (m)	%33hop	%34hop	%35hop	Ho/St1	Ho/St2
1502.00	8.08	4.97	3.60	2.45	3.26
1675.00	6.42	7.75	6.87	2.65	2.86
1793.00	7.45	5.53	3.39	1.75	2.56
2550.00	7.04	7.33	8.50	2.59	3.49
3695.00	5.76	3.31	1.87	1.60	4.14
3800.00	7.25	3.39	1.46	4.00	6.70
3900.00	8.35	5.43	3.31	1.95	3.91
4000.00	7.37	3.73	3.09	1.46	3.15
4080.00	6.86	3.18	3.34	1.27	2.69
4084.80	6.90	6.04	8.62	1.23	2.22
4158.00	8.13	5.17	4.14	1.41	2.52
4350.00	8.54	8.17	8.17	1.30	2.75
4472.00	6.70	3.50	2.26	1.27	1.91
4510.00	7.44	4.50	3.06	1.32	2.47
4709.30	6.62	3.86	3.12	1.14	1.51
4812.00	5.37	3.29	2.53	1.12	2.14

Table 4.11



Amounts

S-Depth (m)	E-Depth (m)	Well	Type	Lithology	Name	Orgid	Project	Seq.#	File name	File path	Instrument	Setup	Method
1502.00	1502.00	35/4-1	SWC	SST	28	626191	2004629	23	1502.D	354_3511	HP5971A	GC-MSD-AR	MSD_A_C
1675.00	1675.00	35/4-1	SWC	SST	19	625842	2004629	24	1675.D	354_3511	HP5971A	GC-MSD-AR	MSD_A_C
1793.00	1793.00	35/4-1	SWC	SST	11	626185	2004629	25	1793.D	354_3511	HP5971A	GC-MSD-AR	MSD_A_C
2550.00	2550.00	35/4-1	MUD			625838	2004629	26	2550.D	354_3511	HP5971A	GC-MSD-AR	MSD_A_C
3690.00	3695.00	35/4-1	DC	CLYST/SL		625857	2004629	27	3695.D	354_3511	HP5971A	GC-MSD-AR	MSD_A_C
3795.00	3800.00	35/4-1	DC	CLYST		625856	2004629	8	3800.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
3895.00	3900.00	35/4-1	DC	CLYST		625855	2004629	9	3900.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
3995.00	4000.00	35/4-1	DC	CLYST		625854	2004629	11	4000.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
4077.00	4080.00	35/4-1	DC	SST		625853	2004629	12	4080.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
4084.80	4084.80	35/4-1	COCH	CLYST/SL		625750	2004629	13	4084.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
4158.00	4158.00	35/4-1	COCH	CLYST/SL		625751	2004629	14	4158.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
4350.00	4350.00	35/4-1	MUD			625840	2004629	15	4350.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
4472.00	4472.00	35/4-1	COCH	CLYST/SL		625753	2004629	16	4472.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
4502.00	4510.00	35/4-1	DCOM	BULK		626230	2004629	17	4510.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
4709.30	4709.30	35/4-1	COCH	SST		625754	2004629	18	4709.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
4805.00	4812.00	35/4-1	DCOM	BULK		626229	2004629	19	4812.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C



Peak values - amounts: ng/mg EOM

E-Depth (m)	Operator	Company	Aquired date	Misc.info.	Country	Status	C13AI	C14AI	C15AI	C16AI	C17AI
1502.00	LINDA	NORSK HYDRO	15-07-1997		NOR	WEAK	0	0	0	0	0
1675.00	LINDA	NORSK HYDRO	15-07-1997		NOR	WEAK	0	0	0	0	0
1793.00	LINDA	NORSK HYDRO	15-07-1997		NOR	WEAK	0	0	0	0	0
2550.00	LINDA	NORSK HYDRO	15-07-1997		NOR	WEAK	0	0	0	0	0
3695.00	LINDA	NORSK HYDRO	16-07-1997		NOR	WEAK	0	0	0	0	0
3800.00	LINDA	NORSK HYDRO	23-07-1997		NOR	WEAK	0	0	0	0	0
3900.00	LINDA	NORSK HYDRO	24-07-1997		NOR	WEAK	0	0	0	0	0
4000.00	LINDA	NORSK HYDRO	24-07-1997		NOR	WEAK	0	0	0	0	0
4080.00	LINDA	NORSK HYDRO	24-07-1997		NOR	WEAK	0	0	0	0	0
4084.80	LINDA	NORSK HYDRO	24-07-1997		NOR	WEAK	0	0	0	0	0
4158.00	LINDA	NORSK HYDRO	24-07-1997		NOR	OK	0	0	0	0	0
4350.00	LINDA	NORSK HYDRO	24-07-1997		NOR	WEAK	0	0	0	0	0
4472.00	LINDA	NORSK HYDRO	24-07-1997		NOR	OK	0	0	0	0	0
4510.00	LINDA	NORSK HYDRO	24-07-1997		NOR	WEAK	0	0	0	0	0
4709.30	LINDA	NORSK HYDRO	24-07-1997		NOR	WEAK	0	0	0	0	0
4812.00	LINDA	NORSK HYDRO	24-07-1997		NOR	WEAK	0	0	0	0	0



Peak values - amounts: ng/mg EOM

E-Depth (m)	C18AI	C19AI	C20AI	C21AI	C22AI	C23AI	C30AI	C31AI	N	2-MN	1-MN
1502.00	0	0	0	0	0	0	0	0	1	3	3
1675.00	0	0	0	0	0	0	0	0	2	14	12
1793.00	0	0	0	0	0	0	0	0	2	12	11
2550.00	0	0	0	0	0	0	0	0	8	15	12
3695.00	0	0	0	0	0	0	0	0	15	24	19
3800.00	0	0	0	0	0	0	0	0	2	6	5
3900.00	0	0	0	0	0	0	0	0	4	12	10
4000.00	0	0	0	0	0	0	0	0	8	14	9
4080.00	0	0	0	0	0	0	0	0	4	9	5
4084.80	0	0	0	0	0	0	0	0	46	137	74
4158.00	0	0	0	0	0	0	0	0	2385	3656	1616
4350.00	0	0	0	0	0	0	0	0	6	17	11
4472.00	0	0	0	0	0	0	0	0	1235	1843	721
4510.00	0	0	0	0	0	0	0	0	40	60	25
4709.30	0	0	0	0	0	0	0	0	12	48	18
4812.00	0	0	0	0	0	0	0	0	36	50	19



Peak values - amounts: ng/mg EOM

E-Depth (m)	2-EN	1-EN	2.6+2.7-DMN	1.3+1.7-DMN	1.6-DMN	2.3+1.4-DMN	1.5-DMN	1.2-DMN	C3-N-1	C3-N-2	1.3.7-TMN
1502.00	0	0	4	8	4	4	1	2	0	1	5
1675.00	2	1	10	20	13	7	4	3	1	1	6
1793.00	2	1	9	18	11	7	4	3	1	2	8
2550.00	1	1	6	11	7	4	2	1	0	0	2
3695.00	3	1	15	22	15	9	4	4	1	2	7
3800.00	3	1	12	19	11	9	3	4	2	3	11
3900.00	3	1	15	23	14	10	4	4	2	3	11
4000.00	2	0	8	12	8	5	2	2	1	1	4
4080.00	1	0	6	8	5	3	1	1	1	1	4
4084.80	12	3	69	88	61	28	12	8	5	6	30
4158.00	193	43	1191	1182	930	466	158	108	51	66	297
4350.00	4	1	14	20	11	9	3	4	2	3	8
4472.00	108	27	584	631	369	225	63	42	28	33	153
4510.00	5	1	24	27	17	11	3	3	1	2	7
4709.30	6	2	28	32	18	11	3	4	3	3	12
4812.00	5	1	25	24	14	11	2	3	1	2	8



Peak values - amounts: ng/mg EOM

E-Depth (m)	1.3.6-TMN	1.3.5+1.4.6-TMN	2.3.6-TMN	1.6.7+1.2.7-TMN	1.2.6-TMN	1.2.4-TMN	1.2.5-TMN	BP	3-MBP	4-MBP	2.3'-DMBP
1502.00	7	7	5	4	3	1	4	6	8	2	1
1675.00	8	8	6	5	3	1	3	8	9	4	0
1793.00	12	14	8	7	5	2	5	8	9	4	0
2550.00	3	3	2	2	1	0	1	5	5	2	0
3695.00	11	7	10	5	3	1	2	6	8	4	1
3800.00	16	10	14	8	4	1	3	2	8	3	1
3900.00	16	10	14	7	4	1	3	3	10	4	1
4000.00	6	4	5	3	2	1	2	8	10	3	1
4080.00	6	4	6	3	2	0	1	3	6	3	0
4084.80	39	26	29	17	8	1	4	43	59	24	2
4158.00	412	219	405	197	99	17	49	1002	819	351	12
4350.00	10	6	8	4	2	1	1	4	10	3	2
4472.00	218	115	163	86	42	7	16	746	742	320	12
4510.00	11	6	10	5	2	0	1	26	38	17	1
4709.30	16	10	12	6	3	1	2	21	33	13	2
4812.00	10	5	10	4	2	0	1	31	35	17	1



Peak values - amounts: ng/mg EOM

E-Depth (m)	2.5-DMBP	2.4+2.4'- DMBP	2.3-DMBP	3-EBP	3.5-DMBP	3.3'-DMBP	4-EBP	3.4'-DMBP	4.4'-DMBP	3.4-DMBP	DBF
1502.00	0	0	0	1	2	5	0	3	1	2	2
1675.00	0	0	1	1	2	5	0	4	1	2	2
1793.00	0	0	1	1	3	7	1	5	1	3	3
2550.00	0	0	0	0	1	2	0	2	0	1	1
3695.00	1	1	0	1	3	5	1	5	2	3	2
3800.00	1	1	0	2	5	10	1	9	2	4	2
3900.00	1	1	0	2	5	9	1	9	2	4	3
4000.00	1	1	1	1	3	5	0	4	1	2	2
4080.00	0	0	1	1	2	5	0	5	1	2	1
4084.80	2	2	4	5	12	29	2	23	5	9	4
4158.00	8	13	34	51	97	307	30	230	59	124	101
4350.00	2	2	0	1	4	7	2	6	1	2	1
4472.00	11	14	29	43	167	297	23	273	59	100	17
4510.00	1	1	1	2	8	16	1	16	4	5	2
4709.30	2	2	1	3	11	21	1	16	4	5	1
4812.00	1	1	0	3	9	17	2	17	4	6	2



Peak values - amounts: ng/mg EOM

E-Depth (m)	MDBF-1	MDBF-2	MDBF-3	F	C1-F-1	C1-F-2	1-MF	DBT	4-MDBT	3+2-MDBT	1-MDBT
1502.00	4	3	2	1	0	2	0	1	1	0	0
1675.00	3	3	2	1	1	3	0	1	0	0	0
1793.00	7	5	4	2	1	4	0	2	1	0	0
2550.00	1	1	1	1	0	1	0	1	0	0	0
3695.00	2	7	2	2	1	4	0	1	1	0	0
3800.00	2	18	1	2	1	4	0	0	0	0	0
3900.00	3	17	2	2	1	4	0	0	0	0	0
4000.00	3	5	2	1	0	1	0	0	0	0	0
4080.00	2	7	2	1	1	3	0	0	1	0	0
4084.80	9	12	8	36	11	28	6	1	1	0	0
4158.00	169	149	169	878	212	570	97	19	24	8	1
4350.00	1	12	1	3	1	2	0	0	0	0	0
4472.00	39	55	31	437	99	330	57	7	11	3	0
4510.00	3	7	2	6	2	10	1	1	2	0	0
4709.30	2	14	1	11	4	8	2	0	0	0	0
4812.00	3	9	2	9	2	8	1	2	2	1	0



Peak values - amounts: ng/mg EOM

E-Depth (m)	P	3-MP	2-MP	9-MP	1-MP	2EP+9EP+3. 6-DMP	1EP	2.6+2.7+3.5- DMP	1.3+2.10+3.9 +3.10-DMP	1.6+2.5+2.9- DMP	1.7-DMP
1502.00	12	6	7	6	5	1	2	1	4	3	2
1675.00	9	5	6	6	5	1	2	1	6	3	2
1793.00	19	9	10	13	10	2	3	2	10	6	5
2550.00	3	1	1	1	1	0	0	0	1	0	0
3695.00	40	20	27	38	36	4	7	5	29	18	19
3800.00	20	5	7	8	8	1	1	1	5	3	3
3900.00	23	6	8	9	8	1	1	1	6	4	3
4000.00	36	14	19	20	18	2	4	3	13	8	8
4080.00	34	14	18	19	15	2	4	2	13	8	7
4084.80	50	23	26	29	21	3	7	4	23	13	10
4158.00	1300	473	662	501	437	61	113	96	304	205	175
4350.00	5	1	2	2	1	0	0	0	1	1	1
4472.00	816	386	507	286	198	54	123	74	199	111	76
4510.00	116	54	73	38	29	7	17	11	26	19	14
4709.30	18	9	11	5	4	2	3	2	4	2	1
4812.00	82	36	49	18	13	5	12	8	13	8	6



Peak values - amounts: ng/mg EOM

E-Depth (m)	2.3-DMP	1.9+4.9+4.10-DMP	1.8-DMP	Retene	20TA	21TA	S26TA	R26TA/S27TA	S28TA	R27TA	R28TA
1502.00	1	1	0	1	0	0	0	0	0	0	0
1675.00	1	1	1	1	0	0	0	0	0	0	0
1793.00	2	2	1	3	0	0	0	0	0	0	0
2550.00	0	0	0	0	0	0	0	0	0	0	0
3695.00	5	10	5	5	0	0	0	0	0	0	0
3800.00	1	2	1	1	0	0	0	0	0	0	0
3900.00	1	2	1	1	0	0	0	0	0	0	0
4000.00	3	4	2	6	0	0	0	0	0	0	0
4080.00	3	3	2	2	0	0	0	0	0	0	0
4084.80	4	5	2	1	0	0	0	0	0	0	0
4158.00	75	73	33	4	0	0	0	0	0	0	0
4350.00	0	0	0	0	0	0	0	0	0	0	0
4472.00	52	27	13	3	0	0	0	0	0	0	0
4510.00	8	4	3	3	0	0	0	0	0	0	0
4709.30	1	1	0	0	0	0	0	0	0	0	0
4812.00	5	2	1	4	0	0	0	0	0	0	0



Peak values - amounts: ng/mg EOM

E-Depth (m)	d8N	d10BP	d10P	d12C
1502.00	39	40	39	39
1675.00	27	28	27	27
1793.00	49	50	49	49
2550.00	36	37	36	36
3695.00	33	34	33	33
3800.00	28	29	28	28
3900.00	22	23	22	22
4000.00	29	30	29	29
4080.00	29	30	29	29
4084.80	24	25	24	24
4158.00	33	34	33	33
4350.00	22	22	22	22
4472.00	47	49	47	47
4510.00	30	31	30	30
4709.30	25	26	25	25
4812.00	30	31	30	30

Table 4.12



aro-hc ord. samples - Amount

S-Depth (m)	E-Depth (m)	Well	Type	Lithology	Name	Orgid	Project	Seq.#	File name	File path	Instrument	Setup	Method
1502.00	1502.00	35/4-1	SWC	SST	28	626191	2004629	23	1502.D	354_3511	HP5971A	GC-MSD-AR	MSD_A_C
1675.00	1675.00	35/4-1	SWC	SST	19	625842	2004629	24	1675.D	354_3511	HP5971A	GC-MSD-AR	MSD_A_C
1793.00	1793.00	35/4-1	SWC	SST	11	626185	2004629	25	1793.D	354_3511	HP5971A	GC-MSD-AR	MSD_A_C
2550.00	2550.00	35/4-1	MUD			625838	2004629	26	2550.D	354_3511	HP5971A	GC-MSD-AR	MSD_A_C
3690.00	3695.00	35/4-1	DC	CLYST/SL		625857	2004629	27	3695.D	354_3511	HP5971A	GC-MSD-AR	MSD_A_C
3795.00	3800.00	35/4-1	DC	CLYST		625856	2004629	8	3800.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
3895.00	3900.00	35/4-1	DC	CLYST		625855	2004629	9	3900.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
3995.00	4000.00	35/4-1	DC	CLYST		625854	2004629	11	4000.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
4077.00	4080.00	35/4-1	DC	SST/CLYS		625853	2004629	12	4080.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
4084.80	4084.80	35/4-1	COCH	CLYST/SL		625750	2004629	13	4084.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
4158.00	4158.00	35/4-1	COCH	CLYST/SL		625751	2004629	14	4158.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
1350.00	4350.00	35/4-1	MUD			625840	2004629	15	4350.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
4472.00	4472.00	35/4-1	COCH	CLYST/SL		625753	2004629	16	4472.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
4502.00	4510.00	35/4-1	DCOM	BULK		626230	2004629	17	4510.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
4709.30	4709.30	35/4-1	COCH	SST		625754	2004629	18	4709.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C
4805.00	4812.00	35/4-1	DCOM	BULK		626229	2004629	19	4812.D	354_11	HP5971A	GC-MSD-AR	MSD_A_C



Ratios - amounts:

E-Depth (m)	Operator	Company	Aquired date	Misc.info.	Country	Status	Data Type	Naphtalene	C1 Naph	C2 Naph	C3 Naph	Phen
1502.00	LINDA	NORSK HYDRO	1997-07-15		NOR	WEAK	AM	1	6	24	38	12
1675.00	LINDA	NORSK HYDRO	1997-07-15		NOR	WEAK	AM	2	26	59	42	9
1793.00	LINDA	NORSK HYDRO	1997-07-15		NOR	WEAK	AM	2	22	55	64	19
2550.00	LINDA	NORSK HYDRO	1997-07-15		NOR	WEAK	AM	8	28	33	16	3
3695.00	LINDA	NORSK HYDRO	1997-07-16		NOR	WEAK	AM	15	43	73	48	40
3800.00	LINDA	NORSK HYDRO	1997-07-23		NOR	WEAK	AM	2	11	61	72	20
3900.00	LINDA	NORSK HYDRO	1997-07-24		NOR	WEAK	AM	4	22	75	71	23
4000.00	LINDA	NORSK HYDRO	1997-07-24		NOR	WEAK	AM	8	23	39	29	36
4080.00	LINDA	NORSK HYDRO	1997-07-24		NOR	WEAK	AM	4	14	26	29	34
4084.80	LINDA	NORSK HYDRO	1997-07-24		NOR	WEAK	AM	46	212	282	164	50
4158.00	LINDA	NORSK HYDRO	1997-07-24		NOR	OK	AM	2385	5271	4271	1812	1300
4350.00	LINDA	NORSK HYDRO	1997-07-24		NOR	WEAK	AM	6	28	66	44	5
4472.00	LINDA	NORSK HYDRO	1997-07-24		NOR	OK	AM	1235	2564	2049	861	816
4510.00	LINDA	NORSK HYDRO	1997-07-24		NOR	WEAK	AM	40	86	91	46	116
4709.30	LINDA	NORSK HYDRO	1997-07-24		NOR	WEAK	AM	12	66	104	68	18
4812.00	LINDA	NORSK HYDRO	1997-07-24		NOR	WEAK	AM	36	69	84	43	82



Ratios - amounts:

E-Depth (m)	C2 Phen	C1 Phen	Mpil	F1	F2	Dnr	%tas	Dbt P	F P	Bp 16dmn	2mn 1mn
1502.00	16	24	0.77	0.51	0.28	3.88	52.39	0.11	0.06	1.50	1.13
1675.00	18	22	0.82	0.50	0.28	2.67	57.48	0.10	0.14	0.65	1.10
1793.00	33	43	0.66	0.44	0.24	2.27	57.85	0.09	0.08	0.67	1.10
2550.00	2	4	0.48	0.42	0.23	3.17	38.94	0.39	0.30	0.65	1.28
3695.00	102	120	0.62	0.39	0.23	4.22	73.89	0.03	0.05	0.41	1.30
3800.00	19	28	0.49	0.42	0.23	3.80	72.02	0.01	0.08	0.19	1.23
3900.00	20	30	0.50	0.43	0.25	3.70	83.48	0.01	0.09	0.22	1.24
4000.00	48	72	0.68	0.47	0.27	4.77	73.04	0.01	0.02	1.00	1.49
4080.00	43	66	0.69	0.48	0.27	4.27	73.13	0.01	0.04	0.54	1.76
4084.80	69	98	0.73	0.49	0.26	5.64	82.41	0.01	0.71	0.71	1.85
4158.00	1133	2073	0.76	0.55	0.32	7.55	81.45	0.01	0.68	1.08	2.26
4350.00	4	6	0.63	0.52	0.29	4.70	77.05	0.02	0.57	0.32	1.58
4472.00	729	1377	1.03	0.65	0.37	9.28	77.03	0.01	0.54	2.02	2.56
4510.00	108	195	1.04	0.65	0.37	8.10	68.06	0.01	0.05	1.58	2.39
4709.30	16	29	1.17	0.70	0.38	8.42	62.42	0.01	0.64	1.17	2.64
4812.00	61	116	1.13	0.73	0.42	10.58	74.58	0.02	0.10	2.24	2.66



Ratios - amounts:

E-Depth (m)	2en 1en	4 1 Mdbt	3mpr
1502.00	1.75	4.98	7.91
1675.00	1.91	4.49	5.32
1793.00	1.73	3.92	2.73
2550.00	1.95	4.37	6.67
3695.00	3.40	9.55	4.30
3800.00	3.65	4.07	5.80
3900.00	3.92	5.18	7.91
4000.00	3.77	6.13	2.51
4080.00	3.55	10.05	8.30
4084.80	3.73	17.81	42.35
4158.00	4.45	19.53	120.24
4350.00	3.73	6.14	5.45
4472.00	3.96	34.33	116.50
4510.00	4.65	21.41	16.33
4709.30	3.96	10.39	20.75
4812.00	4.76	21.85	8.13

Table 4.13



ISOTOPE ANALYSIS RESULTS (SEDIMENT SAMPLES)

Well	St.Depth (m)	En.Depth (m)	Name	Lithology	Type	d13C EXTR	d13C SAT	d13C ARO	d13C POL	d13C ASP	d13C KERO	Analysing Compa
NOR 35/4-1	1502.00	1502.00		SST	SWC	-27.77	-28.82					NORSK HYDRO
NOR 35/4-1	1675.00	1675.00		SST	SWC	-28.92	-27.78					NORSK HYDRO
NOR 35/4-1	1793.00	1793.00		SST	SWC	-28.62	-27.88					NORSK HYDRO
NOR 35/4-1	2550.00	2550.00			MUD	-29.12	-27.97					NORSK HYDRO
NOR 35/4-1	3690.00	3695.00		CLYST/SLS	DC	-27.98	-27.03					NORSK HYDRO
NOR 35/4-1	3795.00	3800.00		CLYST	DC	-28.08	-27.39					NORSK HYDRO
NOR 35/4-1	3895.00	3900.00		CLYST	DC	-28.00	-26.43					NORSK HYDRO
NOR 35/4-1	3995.00	4000.00		CLYST	DC	-28.06	-27.13					NORSK HYDRO
NOR 35/4-1	4077.00	4080.00		SST/CLYST	DC	-26.26	-27.93					NORSK HYDRO
NOR 35/4-1	4084.80	4084.80		CLYST/SLS	COCH	-27.91	-26.94					NORSK HYDRO
NOR 35/4-1	4158.00	4158.00		CLYST/SLS	COCH	-27.90	-25.75					NORSK HYDRO
NOR 35/4-1	4350.00	4350.00			MUD	-27.87	-27.83					NORSK HYDRO
NOR 35/4-1	4472.00	4472.00		CLYST/SLS	COCH	-27.95	-27.02					NORSK HYDRO
NOR 35/4-1	4502.00	4510.00		BULK	DCOM	-28.25	-26.07					NORSK HYDRO
NOR 35/4-1	4709.30	4709.30		SST	COCH	-28.00	-27.24					NORSK HYDRO
NOR 35/4-1	4805.00	4812.00		BULK	DCOM	-28.31	-26.27					NORSK HYDRO