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87846-T ESSO NO.1 7121/1			2840			88297-B ESSO NO.1 7121/1			2880		
COMPONENT	TOTAL PPM	NORM PERCENT				COMPONENT	TOTAL PPM	NORM PERCENT			
METHANE	.000					METHANE	.000				
ETHANE	.000					ETHANE	.000				
PROPANE	.073					PROPANE	.000				
IBUTANE	.147	.07				IBUTANE	.000	.00			
NBUTANE	.420	.21				NBUTANE	.123	.08			
IPENTANE	2.076	1.05				IPENTANE	.236	.15			
NPENTANE	11.543	5.84				NPENTANE	.997	.64			
22-DMB	.580	.29				22-DMB	.040	.03			
CPENTANE	.781	.40				CPENTANE	.093	.06			
23-DMB	1.600	.81				23-DMB	.315	.20			
2-MP	19.111	9.67				2-MP	6.241	4.00			
3-MP	10.281	5.20				3-MP	4.049	2.60			
NHEXANE	29.250	14.80				NHEXANE	31.808	20.39			
MCP	13.409	6.78				MCP	8.887	5.70			
22-DMP	1.291	.65				22-DMP	1.661	1.06			
24-DMP	.084	.04				24-DMP	.131	.08			
223-TMB	.000	.00				223-TMB	.000	.00			
CHEXANE	16.423	8.31				CHEXANE	13.103	8.40			
33-DMP	.000	.00				33-DMP	.000	.00			
11-DMCP	.000	.00				11-DMCP	.000	.00			
2-MHEXANE	10.783	5.45				2-MHEXANE	15.817	10.14			
23-DMP	5.421	2.74				23-DMP	5.273	2.10			
3-MHEXANE	11.299	5.72				3-MHEXANE	11.991	7.69			
1C3-DMCP	2.174	1.10				1C3-DMCP	5.231	2.07			
1T3-DMCP	2.290	1.16				1T3-DMCP	2.377	1.63			
1T2-DMCP	4.847	2.45				1T2-DMCP	5.094	3.27			
3-EPENT	.000	.00				3-EPENT	.000	.00			
224-TMP	.000	.00				224-TMP	.000	.00			
NHEPTANE	25.700	13.00				NHEPTANE	23.118	14.82			
1C2-DMCP	.171	.09				1C2-DMCP	.426	.27			
MCH	28.019	14.17				MCH	22.773	14.60			

				TOTALS				SIG COMP RATIOS			
		PPM	NORM PERCENT			PPM	NORM PERCENT				
ALL COMP		197.773		C1/C2	2.41	155.984		C1/C2	2.56		
GASOLINE		197.700		A /D2	4.86	155.984		A /D2	4.58		
NAPHTHENES		68.114	34.45	D1/D2	.00	56.184	36.02	D1/D2	.00		
C6-7		151.161	76.46	C1/D2	4.89	143.890	92.25	C1/D2	4.31		
				CH/MCP	1.22			CH/MCP	1.47		
				NP/IP	5.56			NP/IP	4.22		
PARAFFIN INDEX 1		2.371									
PARAFFIN INDEX 2		24.028									

88297-C ESSO NO.1 7121/1			2900			88297-E ESSO NO.1 7121/1			2940		
COMPONENT	TOTAL PPM	NORM PERCENT				COMPONENT	TOTAL PPM	NORM PERCENT			
METHANE	.000					METHANE	.000				
ETHANE	.000					ETHANE	.000				
PROPANE	.022					PROPANE	.068				
IBUTANE	.051	.03				IBUTANE	.068	.07			
NBUTANE	.139	.14				NBUTANE	.240	.26			
IPENTANE	.276	.27				IPENTANE	1.384	1.50			
NPENTANE	1.440	1.43				NPENTANE	7.891	8.57			
22-DMB	.174	.17				22-DMB	.397	.43			
CPENTANE	.075	.07				CPENTANE	.236	.26			
23-DMB	.982	.98				23-DMB	.939	1.02			
2-MP	11.896	11.82				2-MP	9.216	10.01			
3-MP	6.532	6.49				3-MP	5.128	5.57			
NHEXANE	18.422	18.30				NHEXANE	13.627	14.80			
MCP	6.297	6.25				MCP	5.095	5.53			
22-DMP	1.011	1.00				22-DMP	.793	.86			
24-DMP	.074	.07				24-DMP	.069	.07			
223-TMB	.000	.00				223-TMB	.000	.00			
CHEXANE	6.223	6.18				CHEXANE	5.313	5.77			
33-DMP	.000	.00				33-DMP	.000	.00			
11-DMCP	.000	.00				11-DMCP	.000	.00			
2-MHEXANE	9.573	9.51				2-MHEXANE	7.893	8.57			
23-DMP	1.406	1.40				23-DMP	1.086	1.18			
3-MHEXANE	6.976	6.93				3-MHEXANE	5.773	6.27			
1C3-DMCP	1.344	1.33				1C3-DMCP	1.120	1.22			
1T3-DMCP	.984	.98				1T3-DMCP	.798	.87			
1T2-DMCP	2.048	2.03				1T2-DMCP	1.735	1.91			
3-EPENT	.000	.00				3-EPENT	.000	.00			
224-TMP	.000	.00				224-TMP	.000	.00			
NHEPTANE	13.973	13.88				NHEPTANE	12.105	13.15			
1C2-DMCP	.160	.16				1C2-DMCP	.155	.17			
MCH	18.639	18.57				MCH	11.004	11.95			

				TOTALS				SIG COMP RATIOS			
		PPM	NORM PERCENT			PPM	NORM PERCENT				
ALL COMP		100.697		C1/C2	2.44	92.133		C1/C2	2.71		
GASOLINE		100.675		A /D2	4.64	92.085		A /D2	4.46		
NAPHTHENES		27.770	27.58	D1/D2	.00	25.476	27.67	D1/D2	.00		
C6-7		79.130	78.60	C1/D2	3.79	66.586	72.31	C1/D2	4.19		
				CH/MCP	.99			CH/MCP	1.04		
				NP/IP	5.22			NP/IP	5.70		
PARAFFIN INDEX 1		3.781									
PARAFFIN INDEX 2		26.281									

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88297-M ESSO NO.1 7121/1			3000	88297-J ESSO NO.1 7121/1			5040
COMPONENT	TOTAL PPM	NORM PERCENT		COMPONENT	TOTAL PPM	NORM PERCENT	
METHANE	.000			METHANE	.000		
ETHANE	.000			ETHANE	.000		
PROPANE	.000			PROPANE	.007		
IBUTANE	.000	.00		IBUTANE	.006	.29	
NBUTANE	.031	.14		NBUTANE	.048	2.34	
IPENTANE	.067	.31		IPENTANE	.071	3.45	
NPENTANE	.222	1.02		NPENTANE	.116	5.64	
22-DMB	.017	.08		22-DMB	.015	.73	
CPENTANE	.018	.08		CPENTANE	.004	.19	
23-DMB	.098	.45		23-DMB	.020	.97	
2-MP	1.467	7.65		2-MP	.187	9.10	
3-MP	1.092	5.01		3-MP	.095	4.62	
NHEXANE	8.215	37.67		NHEXANE	.280	13.63	
MCP	2.308	10.58		MCP	.076	3.70	
22-DMP	.689	3.16		22-DMP	.032	1.56	
24-DMP	.073	.33		24-DMP	.000	.00	
223-TMB	.000	.00		223-TMB	.000	.00	
CHEXANE	2.751	12.62		CHEXANE	.051	2.48	
33-DMP	.000	.00		33-DMP	.000	.00	
11-DMCP	.000	.00		11-DMCP	.000	.00	
2-MHEXANE	1.362	6.25		2-MHEXANE	.278	13.53	
23-DMP	.978	4.49		23-DMP	.031	1.51	
3-MHEXANE	1.123	5.15		3-MHEXANE	.199	9.68	
1C3-DMCP	.214	.98		1C3-DMCP	.008	.39	
1T3-DMCP	.255	1.17		1T3-DMCP	.000	.00	
1T2-DMCP	.459	2.11		1T2-DMCP	.015	.73	
3-EPENT	.000	.00		3-EPENT	.000	.00	
224-TMP	.000	.00		224-TMP	.000	.00	
NHEPTANE	.046	.21		NHEPTANE	.362	17.62	
1C2-DMCP	.000	.00		1C2-DMCP	.000	.00	
MCH	.120	.55		MCH	.161	7.83	
TOTALS PPM				TOTALS PPM			
ALL COMP	21.805		SIG COMP RATIOS	ALL COMP	2.062		SIG COMP RATIOS
GASOLINE	21.805		C1/C2 1.31	GASOLINE	2.055		C1/C2 4.94
NAPHTHENES	6.125	28.09	A /D2 7.35	NAPHTHENES	.315	15.33	A /D2 3.22
C6-7	18.593	85.27	D1/D2 .00	C6-7	1.493	72.65	D1/D2 .00
			C1/D2 3.77				C1/D2 2.45
			CH/MCP 1.19				CH/MCP .67
			NP/IP 3.31				NP/IP 1.64
PARAFFIN INDEX 1	2.677			PARAFFIN INDEX 1	20.739		
PARAFFIN INDEX 2	.629			PARAFFIN INDEX 2	32.760		

88297-M ESSO NO.1 7121/1			3100	88297-P ESSO NO.1 7121/1			3160
COMPONENT	TOTAL PPM	NORM PERCENT		COMPONENT	TOTAL PPM	NORM PERCENT	
METHANE	.000			METHANE	.000		
ETHANE	.000			ETHANE	.000		
PROPANE	.006			PROPANE	.004		
IBUTANE	.008	2.60		IBUTANE	.019	.11	
NBUTANE	.061	19.81		NBUTANE	.034	.20	
IPENTANE	.024	7.79		IPENTANE	.205	1.19	
NPENTANE	.042	13.64		NPENTANE	.929	5.40	
22-DMB	.000	.00		22-DMB	.177	1.03	
CPENTANE	.003	.97		CPENTANE	.042	.24	
23-DMB	.001	.32		23-DMB	.234	1.36	
2-MP	.019	6.17		2-MP	2.118	12.31	
3-MP	.010	3.25		3-MP	1.172	6.81	
NHEXANE	.040	12.99		NHEXANE	2.847	16.54	
MCP	.006	1.95		MCP	1.040	6.04	
22-DMP	.002	.65		22-DMP	.162	.94	
24-DMP	.000	.00		24-DMP	.021	.12	
223-TMB	.000	.00		223-TMB	.000	.00	
CHEXANE	.010	3.25		CHEXANE	1.063	6.18	
33-DMP	.000	.00		33-DMP	.000	.00	
11-DMCP	.000	.00		11-DMCP	.000	.00	
2-MHEXANE	.021	6.82		2-MHEXANE	1.562	9.08	
23-DMP	.000	.00		23-DMP	.197	1.14	
3-MHEXANE	.022	7.14		3-MHEXANE	1.139	6.62	
1C3-DMCP	.000	.00		1C3-DMCP	.169	.98	
1T3-DMCP	.000	.00		1T3-DMCP	.120	.70	
1T2-DMCP	.000	.00		1T2-DMCP	.272	1.58	
3-EPENT	.000	.00		3-EPENT	.000	.00	
224-TMP	.000	.00		224-TMP	.000	.00	
NHEPTANE	.028	9.09		NHEPTANE	2.107	12.24	
1C2-DMCP	.000	.00		1C2-DMCP	.021	.12	
MCH	.011	3.57		MCH	1.558	9.05	
TOTALS PPM				TOTALS PPM			
ALL COMP	.314		SIG COMP RATIOS	ALL COMP	17.212		SIG COMP RATIOS
GASOLINE	.308		C1/C2 7.04	GASOLINE	17.208		C1/C2 2.58
NAPHTHENES	.030	9.74	A /D2 3.13	NAPHTHENES	4.285	24.90	A /D2 4.35
C6-7	.140	45.45	D1/D2 .00	C6-7	12.278	71.35	D1/D2 .00
			C1/D2 1.94				C1/D2 3.67
			CH/MCP 1.70				CH/MCP 1.02
			NP/IP 1.74				NP/IP 4.53
PARAFFIN INDEX 1	.000			PARAFFIN INDEX 1	4.814		
PARAFFIN INDEX 2	30.434			PARAFFIN INDEX 2	25.735		

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88297-U ESSO NO.1 7121/1			3240			88319-B ESSO NO.1 7121/1			3280		
COMPONENT	TOTAL PPM	NORM PERCENT	COMPONENT	TOTAL PPM	NORM PERCENT	COMPONENT	TOTAL PPM	NORM PERCENT	COMPONENT	TOTAL PPM	NORM PERCENT
METHANE	.000		METHANE	.000		METHANE	.000		METHANE	.000	
ETHANE	.000		ETHANE	.000		ETHANE	.000		ETHANE	.000	
PROPANE	.003		PROPANE	.012		PROPANE	.012		PROPANE	.005	
IBUTANE	.010	.72	IBUTANE	.042	.90	IBUTANE	.042	.90	IBUTANE	.013	.52
NBUTANE	.041	2.94	NBUTANE	.246	5.30	NBUTANE	.246	5.30	NBUTANE	.075	2.98
IPENTANE	.108	7.75	IPENTANE	.449	9.67	IPENTANE	.449	9.67	IPENTANE	.259	10.30
NPENTANE	.128	9.18	NPENTANE	.495	10.67	NPENTANE	.495	10.67	NPENTANE	.331	13.16
22-DMB	.007	.50	22-DMB	.053	1.14	22-DMB	.053	1.14	22-DMB	.024	.95
CPENTANE	.006	.43	CPENTANE	.017	.57	CPENTANE	.017	.57	CPENTANE	.012	.48
23-DMB	.011	.79	23-DMB	.049	1.06	23-DMB	.049	1.06	23-DMB	.025	.91
2-MP	.116	8.32	2-MP	.461	9.93	2-MP	.461	9.93	2-MP	.227	9.03
3-MP	.064	4.59	3-MP	.258	5.56	3-MP	.258	5.56	3-MP	.120	4.77
NHEXANE	.187	13.41	NHEXANE	.670	14.44	NHEXANE	.670	14.44	NHEXANE	.396	15.75
MCP	.053	3.80	MCP	.217	4.68	MCP	.217	4.68	MCP	.107	4.25
22-DMP	.014	1.00	22-DMP	.046	.99	22-DMP	.046	.99	22-DMP	.025	.99
24-DMP	.000	.00	24-DMP	.004	.09	24-DMP	.004	.09	24-DMP	.003	.12
223-TMB	.000	.00	223-TMB	.000	.00	223-TMB	.000	.00	223-TMB	.000	.00
CHEXANE	.048	3.44	CHEXANE	.228	4.91	CHEXANE	.228	4.91	CHEXANE	.104	4.14
33-DMP	.000	.00	33-DMP	.000	.00	33-DMP	.000	.00	33-DMP	.000	.00
11-DMCP	.000	.00	11-DMCP	.000	.00	11-DMCP	.000	.00	11-DMCP	.000	.00
2-MHEXANE	.135	9.68	2-MHEXANE	.381	8.21	2-MHEXANE	.381	8.21	2-MHEXANE	.210	8.35
23-DMP	.012	.86	23-DMP	.036	.78	23-DMP	.036	.78	23-DMP	.018	.72
3-MHEXANE	.094	6.74	3-MHEXANE	.289	6.23	3-MHEXANE	.289	6.23	3-MHEXANE	.162	6.44
1C3-DMCP	.006	.43	1C3-DMCP	.017	.57	1C3-DMCP	.017	.57	1C3-DMCP	.006	.24
1T3-DMCP	.003	.22	1T3-DMCP	.009	.19	1T3-DMCP	.009	.19	1T3-DMCP	.000	.00
1T2-DMCP	.012	.86	1T2-DMCP	.030	.65	1T2-DMCP	.030	.65	1T2-DMCP	.000	.00
3-EPENT	.000	.00	3-EPENT	.000	.00	3-EPENT	.000	.00	3-EPENT	.000	.00
224-TMP	.000	.00	224-TMP	.000	.00	224-TMP	.000	.00	224-TMP	.000	.00
NHEPTANE	.208	14.92	NHEPTANE	.385	8.50	NHEPTANE	.385	8.50	NHEPTANE	.269	10.78
1C2-DMCP	.000	.00	1C2-DMCP	.000	.00	1C2-DMCP	.000	.00	1C2-DMCP	.000	.00
MCH	.131	9.40	MCH	.259	5.58	MCH	.259	5.58	MCH	.122	4.85

	TOTALS PPM	NORM PERCENT	SIG COMP RATIOS			TOTALS PPM	NORM PERCENT	SIG COMP RATIOS	
ALL COMP	1.397		C1/C2	4.28	ALL COMP	4.653		C1/C2	3.18
GASOLINE	1.394		A / D2	4.21	GASOLINE	4.641		A / D2	3.66
NAPHTHENES	.259	18.58	D1/D2	.00	NAPHTHENES	.777	16.74	D1/D2	.00
C6-7	.903	64.78	C1/D2	3.34	C6-7	2.571	55.40	C1/D2	3.01
			CH/MCP	.90				CH/MCP	1.05
			NP/IP	1.19				NP/IP	1.10
PARAFFIN INDEX 1	10.904				PARAFFIN INDEX 1	11.964			
PARAFFIN INDEX 2	32.049				PARAFFIN INDEX 2	23.561			

88319-D ESSO NO.1 7121/1			3320			88319-F ESSO NO.1 7121/1			3350		
COMPONENT	TOTAL PPM	NORM PERCENT	COMPONENT	TOTAL PPM	NORM PERCENT	COMPONENT	TOTAL PPM	NORM PERCENT	COMPONENT	TOTAL PPM	NORM PERCENT
METHANE	.000		METHANE	.000		METHANE	.000		METHANE	.000	
ETHANE	.000		ETHANE	.000		ETHANE	.000		ETHANE	.000	
PROPANE	.013		PROPANE	.005		PROPANE	.005		PROPANE	.005	
IBUTANE	.045	.83	IBUTANE	.013	.52	IBUTANE	.013	.52	IBUTANE	.013	.52
NBUTANE	.253	4.66	NBUTANE	.075	2.98	NBUTANE	.075	2.98	NBUTANE	.075	2.98
IPENTANE	.374	6.89	IPENTANE	.259	10.30	IPENTANE	.259	10.30	IPENTANE	.259	10.30
NPENTANE	.508	9.36	NPENTANE	.331	13.16	NPENTANE	.331	13.16	NPENTANE	.331	13.16
22-DMB	.047	.87	22-DMB	.024	.95	22-DMB	.024	.95	22-DMB	.024	.95
CPENTANE	.015	.28	CPENTANE	.012	.48	CPENTANE	.012	.48	CPENTANE	.012	.48
23-DMB	.044	.81	23-DMB	.025	.91	23-DMB	.025	.91	23-DMB	.025	.91
2-MP	.462	8.51	2-MP	.227	9.03	2-MP	.227	9.03	2-MP	.227	9.03
3-MP	.246	4.53	3-MP	.120	4.77	3-MP	.120	4.77	3-MP	.120	4.77
NHEXANE	.821	15.12	NHEXANE	.396	15.75	NHEXANE	.396	15.75	NHEXANE	.396	15.75
MCP	.191	3.52	MCP	.107	4.25	MCP	.107	4.25	MCP	.107	4.25
22-DMP	.058	1.07	22-DMP	.025	.99	22-DMP	.025	.99	22-DMP	.025	.99
24-DMP	.006	.11	24-DMP	.003	.12	24-DMP	.003	.12	24-DMP	.003	.12
223-TMB	.000	.00	223-TMB	.000	.00	223-TMB	.000	.00	223-TMB	.000	.00
CHEXANE	.162	2.98	CHEXANE	.104	4.14	CHEXANE	.104	4.14	CHEXANE	.104	4.14
33-DMP	.000	.00	33-DMP	.000	.00	33-DMP	.000	.00	33-DMP	.000	.00
11-DMCP	.000	.00	11-DMCP	.000	.00	11-DMCP	.000	.00	11-DMCP	.000	.00
2-MHEXANE	.597	10.99	2-MHEXANE	.210	8.35	2-MHEXANE	.210	8.35	2-MHEXANE	.210	8.35
23-DMP	.054	.99	23-DMP	.018	.72	23-DMP	.018	.72	23-DMP	.018	.72
3-MHEXANE	.399	7.35	3-MHEXANE	.162	6.44	3-MHEXANE	.162	6.44	3-MHEXANE	.162	6.44
1C3-DMCP	.042	.77	1C3-DMCP	.006	.24	1C3-DMCP	.006	.24	1C3-DMCP	.006	.24
1T3-DMCP	.010	.18	1T3-DMCP	.000	.00	1T3-DMCP	.000	.00	1T3-DMCP	.000	.00
1T2-DMCP	.033	.61	1T2-DMCP	.009	.36	1T2-DMCP	.009	.36	1T2-DMCP	.009	.36
3-EPENT	.000	.00	3-EPENT	.000	.00	3-EPENT	.000	.00	3-EPENT	.000	.00
224-TMP	.000	.00	224-TMP	.000	.00	224-TMP	.000	.00	224-TMP	.000	.00
NHEPTANE	.755	13.90	NHEPTANE	.269	10.78	NHEPTANE	.269	10.78	NHEPTANE	.269	10.78
1C2-DMCP	.000	.00	1C2-DMCP	.000	.00	1C2-DMCP	.000	.00	1C2-DMCP	.000	.00
MCH	.308	5.67	MCH	.122	4.85	MCH	.122	4.85	MCH	.122	4.85

	TOTALS PPM	NORM PERCENT	SIG COMP RATIOS			TOTALS PPM	NORM PERCENT	SIG COMP RATIOS	
ALL COMP	5.443		C1/C2	3.87	ALL COMP	2.320		C1/C2	3.58
GASOLINE	5.430		A / D2	3.95	GASOLINE	2.515		A / D2	4.10
NAPHTHENES	.761	14.01	D1/D2	.00	NAPHTHENES	.360	14.31	D1/D2	.00
C6-7	3.436	63.28	C1/D2	2.68	C6-7	1.431	56.90	C1/D2	2.69
			CH/MCP	.85				CH/MCP	.97
			NP/IP	1.36				NP/IP	1.27
PARAFFIN INDEX 1	11.717				PARAFFIN INDEX 1	24.800			
PARAFFIN INDEX 2	31.991				PARAFFIN INDEX 2	29.888			

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88319-I ESSO NO.1 7121/1			3450			88319-L ESSO NO.1 7121/1			3480		
COMPONENT	TOTAL PPM	NORM PERCENT				COMPONENT	TOTAL PPM	NORM PERCENT			
METHANE	.000					METHANE	.000				
ETHANE	.000					ETHANE	.000				
PROPANE	.009					PROPANE	.004				
IBUTANE	.017					IBUTANE	.007		.23		
NBUTANE	.048	1.10				NBUTANE	.020		.64		
IPENTANE	.770	17.71				IPENTANE	.139		4.48		
NPENTANE	.543	12.49				NPENTANE	.297		9.57		
22-DMB	.242	5.57				22-DMB	.320		10.31		
CPENTANE	.010	.23				CPENTANE	.006		.19		
23-DMB	.088	2.02				23-DMB	.092		2.96		
2-MP	.516	11.87				2-MP	.361		11.63		
3-MP	.274	6.30				3-MP	.190		6.12		
NHEXANE	.504	11.59				NHEXANE	.248		7.99		
MCP	.201	4.62				MCP	.202		6.51		
22-DMP	.060	1.38				22-DMP	.009		1.58		
24-DMP	.020	.46				24-DMP	.021		.68		
223-TMB	.000	.00				223-TMB	.000		.00		
CHEXANE	.212	4.88				CHEXANE	.363		11.70		
33-DMP	.000	.00				33-DMP	.000		.00		
11-DMCP	.000	.00				11-DMCP	.000		.00		
2-MHEXANE	.298	6.86				2-MHEXANE	.203		6.54		
23-DMP	.036	.83				23-DMP	.035		1.13		
3-MHEXANE	.181	4.16				3-MHEXANE	.123		3.96		
1C3-DMCP	.000	.00				1C3-DMCP	.003		.10		
1T3-DMCP	.000	.00				1T3-DMCP	.000		.00		
1T2-DMCP	.013	.30				1T2-DMCP	.014		.45		
3-EPENT	.000	.00				3-EPENT	.000		.00		
224-TMP	.000	.00				224-TMP	.000		.00		
NHEPTANE	.190	4.37				NHEPTANE	.115		3.71		
1C2-DMCP	.000	.00				1C2-DMCP	.025		.81		
MCH	.124	2.85				MCH	.270		8.70		
TOTALS PPM			TOTALS PPM	NORM PERCENT	SIG COMP RATIOS	TOTALS PPM			TOTALS PPM	NORM PERCENT	SIG COMP RATIOS
ALL COMP	4.356		C1/C2	2.96		ALL COMP	3.107		C1/C2	3.42	
GASOLINE	4.347		A /D2	3.82		GASOLINE	3.103		A /D2	2.96	
NAPHTHENES	.560	12.88	D1/D2	.00		NAPHTHENES	.883	28.46	D1/D2	.00	
C6-7	1.839	42.31	C1/D2	5.49		C6-7	1.671	53.85	C1/D2	6.80	
			CH/MCP	1.05					CH/MCP	1.79	
			NP/IP	.71					NP/IP	2.14	
PARAFFIN INDEX 1	36.846					PARAFFIN INDEX 1	19.176				
PARAFFIN INDEX 2	18.026					PARAFFIN INDEX 2	10.213				
88913-A ESSO NO.1 7121/1			3500			88913-F ESSO NO.1 7121/1			3600		
COMPONENT	TOTAL PPM	NORM PERCENT				COMPONENT	TOTAL PPM	NORM PERCENT			
METHANE	.000					METHANE	.000				
ETHANE	.000					ETHANE	.000				
PROPANE	.000					PROPANE	.007				
IBUTANE	.000	.00				IBUTANE	.010		.28		
NBUTANE	.008	.32				NBUTANE	.028		.78		
IPENTANE	.016	.65				IPENTANE	.049		1.37		
NPENTANE	.848	1.94				NPENTANE	.350		9.76		
22-DMB	.032	1.29				22-DMB	.062		1.73		
CPENTANE	.003	.12				CPENTANE	.033		.92		
23-DMB	.023	.93				23-DMB	.045		1.25		
2-MP	.240	9.68				2-MP	.350		9.76		
3-MP	.132	5.32				3-MP	.164		4.57		
NHEXANE	.265	10.69				NHEXANE	.542		15.11		
MCP	.206	8.31				MCP	.198		5.52		
22-DMP	.027	1.09				22-DMP	.009		.25		
24-DMP	.016	.65				24-DMP	.000		.00		
223-TMB	.000	.00				223-TMB	.000		.00		
CHEXANE	.488	19.69				CHEXANE	.624		17.40		
33-DMP	.000	.00				33-DMP	.000		.00		
11-DMCP	.000	.00				11-DMCP	.000		.00		
2-MHEXANE	.088	3.55				2-MHEXANE	.141		3.93		
23-DMP	.060	2.42				23-DMP	.021		.59		
3-MHEXANE	.098	3.95				3-MHEXANE	.119		3.32		
1C3-DMCP	.015	.61				1C3-DMCP	.015		.42		
1T3-DMCP	.019	.77				1T3-DMCP	.024		.67		
1T2-DMCP	.041	1.65				1T2-DMCP	.047		1.31		
3-EPENT	.000	.00				3-EPENT	.000		.00		
224-TMP	.000	.00				224-TMP	.000		.00		
NHEPTANE	.097	3.91				NHEPTANE	.217		6.05		
1C2-DMCP	.000	.00				1C2-DMCP	.000		.00		
MCH	.557	22.47				MCH	.538		15.00		
TOTALS PPM			TOTALS PPM	NORM PERCENT	SIG COMP RATIOS	TOTALS PPM			TOTALS PPM	NORM PERCENT	SIG COMP RATIOS
ALL COMP	2.479		C1/C2	4.03		ALL COMP	3.593		C1/C2	4.58	
GASOLINE	2.479		A /D2	3.71		GASOLINE	3.586		A /D2	6.39	
NAPHTHENES	1.329	53.61	D1/D2	.00		NAPHTHENES	1.479	41.24	D1/D2	.00	
C6-7	1.977	79.75	C1/D2	11.58		C6-7	2.495	69.58	C1/D2	10.98	
			CH/MCP	2.37					CH/MCP	3.15	
			NP/IP	3.05					NP/IP	7.13	
PARAFFIN INDEX 1	2.480					PARAFFIN INDEX 1	3.023				
PARAFFIN INDEX 2	6.630					PARAFFIN INDEX 2	12.428				

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88913-J ESSO NO.1 7121/1			3680			88913-P ESSO NO.1 7121/1			3800		
COMPONENT	TOTAL PPM	NORM PERCENT				COMPONENT	TOTAL PPM	NORM PERCENT			
METHANE	.000					METHANE	.000				
ETHANE	.000					ETHANE	.000				
PROPANE	.000					PROPANE	.018				
IBUTANE	.015	.23				IBUTANE	.030	1.40			
NBUTANE	.046	.71				NBUTANE	.195	9.12			
IPENTANE	.202	3.13				IPENTANE	.187	8.74			
NPENTANE	.868	13.45				NPENTANE	.258	12.06			
22-DMB	.040	.62				22-DMB	.007	.33			
CPENTANE	.025	.39				CPENTANE	.016	.75			
23-DMB	.060	.93				23-DMB	.013	.61			
2-MP	.541	8.38				2-MP	.162	7.57			
3-MP	.304	4.71				3-MP	.092	4.30			
NHEXANE	.934	14.47				NHEXANE	.346	16.18			
MCP	.424	6.57				MCP	.100	4.68			
22-DMP	.019	.29				22-DMP	.000	.00			
24-DMP	.000	.00				24-DMP	.002	.09			
223-TMB	.000	.00				223-TMB	.000	.00			
CHEXANE	.807	12.50				CHEXANE	.140	6.55			
33-DMP	.000	.00				33-DMP	.000	.00			
11-DMCP	.000	.00				11-DMCP	.000	.00			
2-MHEXANE	.224	3.50				2-MHEXANE	.110	5.14			
23-DMP	.109	1.69				23-DMP	.007	.33			
3-MHEXANE	.233	3.61				3-MHEXANE	.062	2.90			
1C3-DMCP	.045	.70				1C3-DMCP	.011	.51			
1T3-DMCP	.049	.76				1T3-DMCP	.012	.56			
1T2-DMCP	.119	1.84				1T2-DMCP	.024	1.12			
3-EPENT	.000	.00				3-EPENT	.000	.00			
224-TMP	.000	.00				224-TMP	.000	.00			
NHEPTANE	.458	7.10				NHEPTANE	.192	8.98			
1C2-DMCP	.000	.00				1C2-DMCP	.000	.00			
MCH	.930	14.41				MCH	.173	8.09			
			TOTALS PPM	NORM PERCENT	SIG COMP RATIOS				TOTALS PPM	NORM PERCENT	SIG COMP RATIOS
ALL COMP	6.454		C1/C2	3.01		ALL COMP	2.157		C1/C2	2.89	
GASOLINE	6.454		A /D2	5.98		GASOLINE	2.139		A /D2	8.74	
NAPHTHENES	2.399	37.17	D1/D2	.00		NAPHTHENES	.474	22.25	D1/D2	.00	
C6-7	4.353	67.45	C1/D2	8.43		C6-7	1.179	55.12	C1/D2	6.87	
			CH/MCP	1.91					CH/MCP	1.40	
			NP/IP	4.30					NP/IP	1.38	
PARAFFIN INDEX 1	2.154					PARAFFIN INDEX 1	3.659				
PARAFFIN INDEX 2	15.389					PARAFFIN INDEX 2	26.265				
			TOTALS PPM	NORM PERCENT	SIG COMP RATIOS				TOTALS PPM	NORM PERCENT	SIG COMP RATIOS
ALL COMP	.135		C1/C2	.00		ALL COMP	.259		C1/C2	.00	
GASOLINE	.128		A /D2	999.99		GASOLINE	.207		A /D2	999.99	
NAPHTHENES	.008	6.25	D1/D2	.00		NAPHTHENES	.008	3.86	D1/D2	.00	
C6-7	.036	28.13	C1/D2	999.99		C6-7	.046	22.22	C1/D2	999.99	
			CH/MCP	.00					CH/MCP	.00	
			NP/IP	4.86					NP/IP	4.56	
PARAFFIN INDEX 1	.000					PARAFFIN INDEX 1	.000				
PARAFFIN INDEX 2	.000					PARAFFIN INDEX 2	.000				

88924-B ESSO NO.1 7121/1			3920			88924-F ESSO NO.1 7121/1			4000		
COMPONENT	TOTAL PPM	NORM PERCENT				COMPONENT	TOTAL PPM	NORM PERCENT			
METHANE	.000					METHANE	.000				
ETHANE	.000					ETHANE	.000				
PROPANE	.007					PROPANE	.052				
IBUTANE	.017	13.28				IBUTANE	.037	17.87			
NBUTANE	.026	20.31				NBUTANE	.055	26.57			
IPENTANE	.005	3.91				IPENTANE	.007	3.38			
NPENTANE	.024	18.75				NPENTANE	.033	15.94			
22-DMB	.000	.00				22-DMB	.003	1.45			
CPENTANE	.001	.78				CPENTANE	.001	.48			
23-DMB	.000	.00				23-DMB	.002	.97			
2-MP	.012	9.38				2-MP	.015	7.25			
3-MP	.007	5.47				3-MP	.008	3.86			
NHEXANE	.029	22.66				NHEXANE	.039	18.84			
MCP	.007	5.47				MCP	.007	3.38			
22-DMP	.000	.00				22-DMP	.000	.00			
24-DMP	.000	.00				24-DMP	.000	.00			
223-TMB	.000	.00				223-TMB	.000	.00			
CHEXANE	.000	.00				CHEXANE	.000	.00			
33-DMP	.000	.00				33-DMP	.000	.00			
11-DMCP	.000	.00				11-DMCP	.000	.00			
2-MHEXANE	.000	.00				2-MHEXANE	.000	.00			
23-DMP	.000	.00				23-DMP	.000	.00			
3-MHEXANE	.000	.00				3-MHEXANE	.000	.00			
1C3-DMCP	.000	.00				1C3-DMCP	.000	.00			
1T3-DMCP	.000	.00				1T3-DMCP	.000	.00			
1T2-DMCP	.000	.00				1T2-DMCP	.000	.00			
3-EPENT	.000	.00				3-EPENT	.000	.00			
224-TMP	.000	.00				224-TMP	.000	.00			
NHEPTANE	.000	.00				NHEPTANE	.000	.00			
1C2-DMCP	.000	.00				1C2-DMCP	.000	.00			
MCH	.000	.00				MCH	.000	.00			
			TOTALS PPM	NORM PERCENT	SIG COMP RATIOS				TOTALS PPM	NORM PERCENT	SIG COMP RATIOS
ALL COMP	.135		C1/C2	.00		ALL COMP	.259		C1/C2	.00	
GASOLINE	.128		A /D2	999.99		GASOLINE	.207		A /D2	999.99	
NAPHTHENES	.008	6.25	D1/D2	.00		NAPHTHENES	.008	3.86	D1/D2	.00	
C6-7	.036	28.13	C1/D2	999.99		C6-7	.046	22.22	C1/D2	999.99	
			CH/MCP	.00					CH/MCP	.00	
			NP/IP	4.86					NP/IP	4.56	
PARAFFIN INDEX 1	.000					PARAFFIN INDEX 1	.000				
PARAFFIN INDEX 2	.000					PARAFFIN INDEX 2	.000				

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88924-J ESSO NO.1 7121/1 4070			89166-C ESSO NO.1 7121/1 4160		
COMPONENT	TOTAL PPM	NORM PERCENT	COMPONENT	TOTAL PPM	NORM PERCENT
METHANE	.000		METHANE	.000	
ETHANE	.000		ETHANE	.000	
PROPANE	.009		PROPANE	.012	
IBUTANE	.016	8.33	IBUTANE	.012	9.45
NBUTANE	.073	38.02	NBUTANE	.020	15.75
IPENTANE	.007	3.65	IPENTANE	.008	6.30
NPENTANE	.029	15.10	NPENTANE	.017	13.39
22-DMB	.000	.00	22-DMB	.000	.00
CPENTANE	.002	1.04	CPENTANE	.001	.79
23-DMB	.000	.00	23-DMB	.000	.00
2-MP	.009	4.69	2-MP	.012	9.45
3-MP	.005	2.60	3-MP	.010	7.87
NHEXANE	.034	17.71	NHEXANE	.029	22.83
MCP	.007	3.65	MCP	.008	6.30
22-DMP	.000	.00	22-DMP	.000	.00
24-DMP	.000	.00	24-DMP	.000	.00
223-TMB	.000	.00	223-TMB	.000	.00
CHEXANE	.000	.00	CHEXANE	.003	2.36
33-DMP	.000	.00	33-DMP	.000	.00
11-DMCP	.000	.00	11-DMCP	.000	.00
2-MHEXANE	.000	.00	2-MHEXANE	.000	.00
23-DMP	.000	.00	23-DMP	.000	.00
3-MHEXANE	.000	.00	3-MHEXANE	.000	.00
1C3-DMCP	.000	.00	1C3-DMCP	.000	.00
1T3-DMCP	.000	.00	1T3-DMCP	.000	.00
1T2-DMCP	.000	.00	1T2-DMCP	.000	.00
3-EPENT	.000	.00	3-EPENT	.000	.00
224-TMP	.000	.00	224-TMP	.000	.00
NHEPTANE	.010	5.21	NHEPTANE	.007	5.51
1C2-DMCP	.000	.00	1C2-DMCP	.000	.00
MCH	.000	.00	MCH	.000	.00

88924-J			89166-C		
TOTALS PPM	NORM PERCENT	SIG COMP RATIOS	TOTALS PPM	NORM PERCENT	SIG COMP RATIOS
ALL COMP	.201		ALL COMP	.139	
GASOLINE	.192		GASOLINE	.127	
NAPHTHENES	.009	4.69	NAPHTHENES	.012	9.45
C6-7	.051	26.56	C6-7	.047	37.01
PARAFFIN INDEX 1	.000		PARAFFIN INDEX 1	.000	
PARAFFIN INDEX 2	100.000		PARAFFIN INDEX 2	70.000	
		C1/C2 .00			C1/C2 .32
		A /D2 999.99			A /D2 999.99
		D1/D2 .00			D1/D2 .00
		C1/D2 999.99			C1/D2 999.99
		CH/MCP .00			CH/MCP .32
		NP/IP 4.06			NP/IP 2.09

89166-N ESSO NO.1 7121/1 4370			89177-I ESSO NO.1 7121/1 4660		
COMPONENT	TOTAL PPM	NORM PERCENT	COMPONENT	TOTAL PPM	NORM PERCENT
METHANE	.000		METHANE	.000	
ETHANE	.000		ETHANE	.000	
PROPANE	.003		PROPANE	.000	
IBUTANE	.006	2.42	IBUTANE	.003	.34
NBUTANE	.029	11.69	NBUTANE	.003	.34
IPENTANE	.025	10.08	IPENTANE	.011	1.25
NPENTANE	.037	14.92	NPENTANE	.081	9.20
22-DMB	.002	.81	22-DMB	.004	.45
CPENTANE	.003	1.21	CPENTANE	.010	1.14
23-DMB	.002	.81	23-DMB	.000	.00
2-MP	.014	5.65	2-MP	.094	10.68
3-MP	.008	3.23	3-MP	.034	6.14
NHEXANE	.034	13.71	NHEXANE	.166	18.86
MCP	.009	3.63	MCP	.035	3.98
22-DMP	.000	.00	22-DMP	.009	1.02
24-DMP	.000	.00	24-DMP	.000	.00
223-TMB	.000	.00	223-TMB	.000	.00
CHEXANE	.044	17.74	CHEXANE	.029	3.30
33-DMP	.000	.00	33-DMP	.000	.00
11-DMCP	.000	.00	11-DMCP	.000	.00
2-MHEXANE	.000	.00	2-MHEXANE	.082	9.32
23-DMP	.000	.00	23-DMP	.011	1.25
3-MHEXANE	.000	.00	3-MHEXANE	.059	6.70
1C3-DMCP	.000	.00	1C3-DMCP	.006	.68
1T3-DMCP	.000	.00	1T3-DMCP	.000	.00
1T2-DMCP	.000	.00	1T2-DMCP	.006	.68
3-EPENT	.000	.00	3-EPENT	.000	.00
224-TMP	.000	.00	224-TMP	.000	.00
NHEPTANE	.010	4.03	NHEPTANE	.133	15.11
1C2-DMCP	.000	.00	1C2-DMCP	.000	.00
MCH	.025	10.08	MCH	.084	9.55

89166-N			89177-I		
TOTALS PPM	NORM PERCENT	SIG COMP RATIOS	TOTALS PPM	NORM PERCENT	SIG COMP RATIOS
ALL COMP	.251		ALL COMP	.880	
GASOLINE	.248		GASOLINE	.860	
NAPHTHENES	.081	32.66	NAPHTHENES	.170	19.32
C6-7	.122	49.19	C6-7	.620	70.45
PARAFFIN INDEX 1	.000		PARAFFIN INDEX 1	11.750	
PARAFFIN INDEX 2	12.658		PARAFFIN INDEX 2	32.439	
		C1/C2 7.39			C1/C2 4.15
		A /D2 999.99			A /D2 5.09
		D1/D2 .00			D1/D2 .00
		C1/D2 999.99			C1/D2 3.32
		CH/MCP 4.75			CH/MCP .82
		NP/IP 1.47			NP/IP 7.28

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89188-C ESSO NO.1 7121/1 4940

COMPONENT	TOTAL PPM	NORM PERCENT	
METHANE	.000		
ETHANE	.000		
PROPANE	.004		
IBUTANE	.011	10.58	
NBUTANE	.029	27.88	
IPENTANE	.007	6.73	
MPENTANE	.025	24.04	
22-DMB	.000	.00	
CPENTANE	.000	.00	
23-DMB	.000	.00	
2-MP	.006	5.77	
3-MP	.005	4.81	
NHEXANE	.021	20.19	
MCP	.000	.00	
22-DMP	.000	.00	
24-DMP	.000	.00	
223-TMB	.000	.00	
CHEXANE	.000	.00	
33-DMP	.000	.00	
11-DMCP	.000	.00	
2-MHEXANE	.000	.00	
23-DMP	.000	.00	
3-MHEXANE	.000	.00	
1C3-DMCP	.000	.00	
1T3-DMCP	.000	.00	
1T2-DMCP	.000	.00	
3-EPENT	.000	.00	
224-TMP	.000	.00	
NHEPTANE	.000	.00	
1C2-DMCP	.000	.00	
MCH	.000	.00	
	TOTALS PPM	NORM PERCENT	SIG COMP RATIOS
ALL COMP	.108		C1/C2 999.99
GASOLINE	.104		A /D2 999.99
NAPHTHENES	.000	.00	D1/D2 .00
C6-7	.021	20.19	C1/D2 999.99
			CH/MCP 999.99
			MP/IP 3.53
PARAFFIN INDEX 1	.000		
PARAFFIN INDEX 2	.000		

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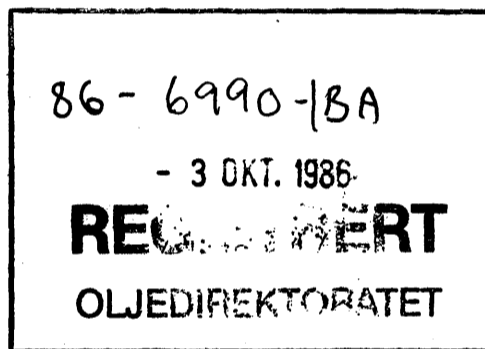
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GEOCHEMICAL REPORT

ESSO NORGE A/S

NORWAY

7121/1-1



EXPLORATION LOGGING NORGE A/S

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## **INTRODUCTION**

Geochemical screening using the Oil Shows Analyser was performed on 1124 cuttings samples, 52 sidewall cores and 5 core samples. The material was received as wet washed cuttings and analyzed as an air dried crushed powder.

Ten metre composite samples were analyzed between the interval of 530m and 1200m, five metre samples between 1205m and 2535m, and three metre samples between 2539m and 5000m.

**APPENDIX A**

SAMPLE PREPARATION

SAMPLE CONTAMINATION

DESCRIPTION OF ANALYTICAL EQUIPMENT

PRESENTATION OF RESULTS

INTERPRETATION OF OSA DERIVED PARAMETERS

## **SAMPLE PREPARATION**

Small samples of ditch cuttings are taken and thoroughly washed in cold water through a 2.36mm sieve and collected in a 180 micron sieve to remove cavings. Any large quantities of contaminants such as lost circulation material are removed at this stage. The washed material is then examined under a binocular microscope and any further contaminants removed. The samples are then air dried at room temperature to prevent the loss of 'free hydrocarbons' and then ground to a homogenous powder in preparation for pyrolysis.

## **SAMPLE CONTAMINATION**

The effects of contamination, if unrecognized, can lead to misleading geochemical data. The major contaminants usually encountered at the wellsite include paint chips, lost circulation material (mica, nuthulls, etc.), steel fragments, and pipe dope. In the 7121/1-1 well these were removed by flotation and/or picking.

Organic mud additives, especially those used for water loss control, can also cause serious contamination problems. However, in 7121/1-1 these additives did not appear to be present in samples after preparation.

Another source of contamination to be aware of is caused by migrated hydrocarbons. The presence of migrated oil or bitumen in a rock can give a major response in the vicinity of 300 degrees centigrade on the pyrogram (S1) while solid bitumen and the 'heavy end' fraction of petroleum has been found to produce a measurable response in the region 300-550 degrees centigrade. This is the same temperature range in which kerogen is cracked releasing hydrocarbons during pyrolysis. Thus large quantities of bitumen or migrated petroleum in rocks can affect the size and maximum temperature (Tmax) of the (S2) peak and cause non-source rocks to be falsely identified as source rocks as reported by Clementz (1979)\*.

The problems encountered as a result of hydrocarbon contamination may be overcome by solvent extraction using a 50:50 solution of trichloroethane and acetone. As a guideline, samples with high S1 values (greater than 1.0 mgHC/g rock) are solvent extracted and reanalysed to obtain more valid values for S2 and Tmax. The S1 value obtained in the first analysis remains a useful indicator of oil accumulations, and degree of contamination.

Migrated hydrocarbon contamination was not a serious problem in this well and was not thought to have affected the pyrolysis S2 yield.

\* Clementz, D. 1979, 'Effect of Oil and Bitumen Saturation on Source Rock Pyrolysis', A.A.P.G. Bull., Vol 62 (12).

## DESCRIPTION OF ANALYTICAL EQUIPMENT

### Principle of Operation

Small quantities of sample (approx. 100 mg) are analysed by programmed pyrolysis in an inert Helium atmosphere. Any evolved hydrocarbons are detected by a Flame Ionisation Detector. The output from this sensor provides the peak data for the S0, S1 and S2 indices. In addition, the temperature, Tmax, for maximum generation of cracked hydrocarbons is measured by a probe monitoring oven temperature.

On completion of the pyrolysis cycle the sample is transferred to a second oven. The sample is heated in air and any carbonaceous material remaining is converted to carbon dioxide, this is detected by a thermal conductivity detector (TCD), the output of which is the S4 peak. The Oil Shows Analyser thus derives the Total Organic Carbon content from the sum of the pyrolysed carbon (S0+S1+S2) and the residual carbon (S4).

The Oil Shows Analyser used the following analytical cycle:-

#### Pyrolysis:

Carrier gas : Helium  
Initial Isotherm : 90 deg. C  
Isothermal Hold : 2 minutes  
Second Isotherm : 300 Deg. C  
Isothermal Hold : 2 minutes  
Temperature Ramp : 30 deg/min  
Final Temperature : 600 deg. C

#### Oxidation:

Oxidation Gas : Air (after removal of CO<sub>2</sub>)  
Oven Temperature : 600 deg. C  
Oxidation Time : 5 minutes

The equipment was calibrated using a standard supplied by Exploration Logging Overseas, Inc. A quality control sample was run routinely at the wellsite every ten unknown samples, or every 24 hours if less than ten samples were analysed during this period.

In addition, quality control samples were run in Exploration Logging's Windsor laboratory. The results from these are detailed in Appendix E.

It should also be noted that TOC determinations between 530m and 2160m were repeated at the wellsite because the OSA was not considered to be holding its TCD calibration well enough. The repeated TOC values are reported in Appendix B together with the original FID data (S0, S1 and S2) and Tmax data.

## **PRESENTATION OF RESULTS**

The processed data is expressed in terms of:-

- S0 : Low temperature gas yield (mgHC/g rock)
- S1 : Low temperature oil yield (mgHC/g rock).
- S2 : High temperature hydrocarbon yield (mgHC/g rock).
- Tmax : Temperature at which maximum emission of hydrocarbons occurs.
- T.O.C. : Total Organic Carbon (weight percent of whole rock) comprised of S4 (residual organic carbon) plus 82% of the quantity S0+S1+S2.
- T.P.I. : Total Production Index  $(S0+S1/S0+S1+S2)$ .
- H.I. : Hydrogen Index  $(S2/TOC)$ .

## **INTERPRETATION OF OSA DERIVED PARAMETERS**

### **Total Organic Carbon (T.O.C.) - Organic Richness**

The T.O.C. value represents the total organic content in a rock and is a simple measure of organic richness. It is also used in subsequent calculations to estimate the type of hydrocarbon which might be generated from a mature source rock. As a very general guideline, samples with less than 0.5% T.O.C. are

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : ESSO NORGE a.s  
 WELL : 7121/1-1

Printed at : 14:52  
 : 21 Aug 1986

LITHOLOGY	DEPTH m	SOURCE BED EVALUATION				FREE HYDROCARBS		
		TOC %wt	S2 mg/g	TMAX degC	S2/TOC HI	S0 mg/g	S1 mg/g	TPI
Cutttings Samples								
,:::	1575.00	.95	.78	432	82	.02	.24	.25
,:::	1580.00	.98	.70	435	71	.04	.24	.29
,,:	1585.00	.91	.91	436	100	.01	.25	.22
,,:	1590.00	1.08	.75	436	69	.01	.20	.22
,,,:	1595.00	.96	.62	436	65	.02	.16	.22
,,,,:	1600.00	.98	.82	436	84	.02	.27	.26
,,,,,:	1605.00	.83	.69	435	83	.01	.28	.30
,,,,,:	1610.00	.86	.93	436	108	.02	.34	.28
,,,,,:	1615.00	.68	.52	435	76	0.00	.30	.37
,,,,,:	1620.00	.74	.52	436	70	0.00	.24	.32
,,,,,:	1625.00	.72	.68	437	94	.01	.30	.31
:::::::	1630.00	3.31	2.20	434	66	0.00	.58	.21
::::::*:	1635.00	.69	1.19	431	172	.01	.56	.32
:::::::	1640.00	.54	1.37	430	254	.02	.64	.33
:::::::	1645.00	.62	.68	435	110	.01	.47	.41
:::::::	1650.00	1.01	1.03	436	102	.03	.43	.31
:::::::	1655.00	1.07	1.19	435	111	0.00	.31	.21
:::::::	1660.00	1.02	.99	435	97	.01	.34	.26
:::::::	1665.00	1.10	.95	436	86	.01	.26	.22
:::::::	1670.00	1.47	1.79	433	122	.04	.60	.26
,,,,,,:::	1675.00	1.19	1.39	433	117	.02	.50	.27
,,,,,,:::	1680.00	1.17	1.17	431	100	.02	.42	.27
,,,,,,:::	1685.00	1.54	1.02	448	66	0.00	.38	.27
,,,,,,:::	1690.00	1.88	1.62	433	86	.01	.59	.27
,,,,,,:::	1695.00	1.50	2.12	434	141	.01	.60	.22
,,,,,,:::	1700.00	1.60	1.64	434	102	.03	.54	.26
,,,,,,:::	1705.00	1.24	1.15	440	93	.01	.40	.26
,,,,,,:::	1710.00	1.47	1.49	433	101	.01	.45	.24
,,,,,,:::	1715.00	1.35	1.30	434	96	.01	.48	.27
,,,,,,:::	1720.00	.92	.75	439	82	.01	.38	.34
,,,,,,:::	1725.00	1.60	1.87	433	117	0.00	.67	.26
,,,,,,:::	1730.00	1.66	1.88	435	113	.01	.62	.25
,,,,,,:::	1735.00	1.19	1.27	437	107	.03	.60	.33
,,,,,,:::	1740.00	1.28	1.33	435	104	.02	.51	.28
,,,,,,:::	1745.00	1.01	1.02	437	101	.02	.46	.32
,,,,,,:::	1750.00	.91	.93	438	102	.02	.37	.30
,,,,,,::*:	1755.00	2.47	2.97	432	120	.02	.86	.23
,,,,,,:::	1760.00	1.49	1.01	438	68	.02	.35	.27
,,,,,,:::	1765.00	1.22	1.16	437	95	.01	.33	.23
,,,,,,:::	1770.00	1.22	1.18	436	97	.02	.39	.26
,,,,,,:::	1775.00	1.18	1.05	438	89	.02	.32	.24
,,,,,,:::	1780.00	1.13	.79	437	70	0.00	.31	.28
,,,,,,:::	1785.00	.99	.80	437	81	0.00	.32	.29
,,,,,,:::	1790.00	.85	.82	438	96	0.00	.30	.27
,,,,,,:::	1795.00	1.27	.84	438	66	0.00	.27	.24
,,,,,,:::	1800.00	.93	1.06	438	114	.01	.33	.24
,,,,,,:::	1805.00	.87	.64	437	74	0.00	.27	.30

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : ESSO NORGE a.s  
 WELL : 7121/1-1

Printed at : 15:50  
 : 21 Aug 1986

LITHOLOGY	DEPTH m	SOURCE BED EVALUATION				FREE HYDROCARBS		
		TOC %wt	S2 mg/g	TMAX degC	S2/TOC HI	S0 mg/g	S1 mg/g	TPI
Cuttings Samples								
,,.,.,.,: : : : :	1810.00	.93	.64	440	69	0.00	.25	.28
,,.,.,.,: : : : :	1815.00	.94	.70	441	74	.02	.32	.33
,,.,.,.,: : : : :	1820.00	.80	.69	435	86	0.00	.37	.35
,,.,.,.,: : : : :	1825.00	.84	.90	436	107	.03	.36	.30
,,.,.,.,: : : : :	1830.00	.86	.96	436	112	.02	.34	.27
,,.,.,.,: : : : :	1835.00	.90	1.02	435	113	.02	.36	.27
,,.,.,.,: : : : :	1840.00	1.03	1.06	437	103	.01	.36	.26
,,.,.,.,: : : : :	1845.00	.99	.98	437	99	.03	.33	.27
,,.,.,.,: : : : :	1850.00	.93	1.05	439	113	.03	1.04	.50
,,.,.,.,: : : : :	1855.00	1.13	.96	438	85	.10	.30	.29
,,.,.,.,: : : : :	1860.00	1.60	.82	437	51	0.00	.24	.23
,,.,.,.,: : : : :	1865.00	.86	.67	438	78	0.00	.22	.25
,,.,.,.,: : : : :	1870.00	.89	.84	437	94	.03	.26	.26
,,.,.,.,: : : : :	1875.00	.78	.68	441	87	.02	.24	.28
,,.,.,.,: : : : :	1880.00	.97	.81	437	84	.03	.23	.24
,,.,.,.,: : : : :	1885.00	.82	.85	438	104	.02	.24	.23
,,.,.,.,: : : : :	1890.00	.81	.75	433	93	0.00	.21	.22
,,.,.,.,: : : : :	1895.00	.78	.71	439	91	0.00	.16	.18
,,.,.,.,: : : : :	1900.00	.92	.95	439	103	.01	.18	.17
,,.,.,.,: : : : :	1905.00	.99	.84	438	85	.02	.17	.18
,,.,.,.,: : : : :	1910.00	.92	.83	439	90	.01	.15	.16
,,.,.,.,: : : : :	1915.00	.97	.85	438	88	.01	.15	.16
,,.,.,.,: : : : :	1920.00	.98	.79	435	81	0.00	.14	.15
,,.,.,.,: : : : :	1925.00	.93	.81	436	87	.01	.13	.15
,,.,.,.,: : : : :	1930.00	.91	.80	435	88	.02	.15	.18
,,.,.,.,: : : : :	1935.00	1.06	1.18	435	111	0.00	.28	.19
,,.,.,.,: : : : :	1940.00	.85	.75	435	88	.02	.25	.26
,,.,.,.,: : : : :	1945.00	.82	.84	439	102	0.00	.28	.25
,,.,.,.,: : : : :	1950.00	.84	.88	439	105	.01	.25	.23
,,.,.,.,: : : : :	1955.00	.84	.79	437	94	.01	.23	.23
,,.,.,.,: : : : :	1960.00	.91	1.02	437	112	.01	.27	.22
,,.,.,.,: : : : :	1965.00	.81	.83	439	102	0.00	.29	.26
,,.,.,.,: : : : :	1970.00	.76	.80	439	105	.01	.27	.26
,,.,.,.,: : : : :	1975.00	.70	.81	436	116	0.00	.28	.26
,,.,.,.,: : : : :	1980.00	.83	.78	437	94	0.00	.27	.26
,,.,.,.,: : : : :	1985.00	.75	1.03	439	137	.01	.42	.29
,,.,.,.,: : : : :	1990.00	.87	.91	440	105	.03	.28	.25
,,.,.,.,: : : : :	1995.00	.84	.96	443	114	.01	.30	.24
,,.,.,.,: : : : :	2000.00	.99	1.07	441	108	.02	.22	.18
,,.,.,.,: : : : :	2005.00	1.09	1.02	440	94	.03	.21	.19
,,.,.,.,: : : : :	2010.00	1.09	1.11	441	102	.01	.21	.17
,,.,.,.,: : : : :	2015.00	1.11	1.06	441	95	.01	.21	.17
,,.,.,.,: : : : :	2020.00	1.09	1.20	441	110	.02	.19	.15
,,.,.,.,: : : : :	2025.00	1.11	1.14	438	103	0.00	.17	.13
,,.,.,.,: : : : :	2030.00	1.10	1.09	443	99	0.00	.17	.13
,,.,.,.,: : : : :	2035.00	1.03	1.09	442	106	0.00	.16	.13
,,.,.,.,: : : : :	2040.00	.84	1.21	441	144	.01	.14	.11
,,.,.,.,: : : : :	2045.00	.97	.97	441	100	0.00	.10	.09



EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : ESSO NORGE a.s  
 WELL : 7121/1-1

Printed at : 15:54  
 : 21 Aug 1986

LITHOLOGY	DEPTH m	SOURCE BED EVALUATION				FREE HYDROCARBS		
		TOC %wt	S2 mg/g	TMAX degC	S2/TOC HI	S0 mg/g	S1 mg/g	TPI
Cuttings Samples								
.....:	2050.00	~1.01	.94	439	93	0.00	.10	.10
Z,.....:	2055.00	~1.01	1.28	442	127	0.00	.15	.10
.....:	2060.00	~.79	1.31	442	166	.02	.23	.16
.....:	2065.00	~1.06	1.37	442	129	.02	.17	.12
.....:	2070.00	~.97	1.28	442	132	0.00	.12	.09
.....:	2075.00	~1.10	1.25	442	114	0.00	.16	.11
.....	2080.00	~.94	1.08	441	115	0.00	.13	.11
.....	2085.00	~1.01	1.02	441	101	.02	.13	.13
.....:	2090.00	~1.13	1.08	440	96	0.00	.10	.08
.....	2095.00	~1.02	1.02	440	100	0.00	.11	.10
.....	2100.00	.97	.96	441	99	0.00	.10	.09
.....	2105.00	.99	1.19	440	120	.02	.11	.10
.....	2110.00	~.83	.85	440	102	.02	.08	.11
.....	2115.00	.92	.91	439	99	.01	.07	.08
.....:	2120.00	.81	.91	440	112	.03	.10	.13
.....	2125.00	.80	.85	439	106	.02	.10	.12
.....	2130.00	~.91	.77	443	85	.02	.09	.13
.....	2135.00	.92	.77	438	84	.03	.09	.13
.....	2140.00	.87	.85	444	98	.01	.10	.11
.....	2145.00	.90	.86	443	96	.04	.09	.13
.....	2150.00	~.84	.76	442	90	.04	.09	.15
.....	2160.00	.85	1.17	441	138	.03	.16	.14
.....	2165.00	.79	1.01	442	128	.02	.13	.13
.....	2170.00	.88	1.14	442	130	.02	.15	.13
.....	2175.00	~.94	1.10	441	117	.02	.17	.15
.....	2180.00	~1.04	1.12	441	108	.03	.17	.15
.....	2185.00	~.86	1.04	438	121	.03	.21	.19
.....	2190.00	.89	1.35	443	152	.06	.24	.18
.....	2195.00	.90	1.21	441	134	.04	.23	.18
.....	2200.00	.91	1.07	443	118	.05	.21	.20
.....	2205.00	~.90	.96	441	107	.05	.18	.19
.....	2210.00	~1.40	2.10	442	150	.04	.30	.14
.....	2215.00	~1.63	3.73	442	229	.05	.62	.15
.....	2220.00	~1.93	4.94	443	256	.03	.76	.14
.....	2225.00	~1.74	4.16	444	239	.02	.75	.16
.....	2230.00	~1.45	4.07	443	281	.02	.67	.14
.....	2235.00	~1.03	1.98	442	192	.01	.52	.21
.....	2240.00	~1.00	1.21	443	121	.01	.37	.24
.....	2245.00	~.95	1.42	443	149	0.00	.39	.22
.....	2250.00	1.02	1.23	438	121	0.00	.23	.16
.....	2255.00	.88	1.22	439	139	.01	.28	.19
.....	2260.00	.86	1.27	444	148	.02	.26	.18
.....	2265.00	~.91	1.17	442	129	.02	.25	.19
.....	2270.00	.87	1.12	439	129	.01	.21	.16
.....	2275.00	.88	1.11	439	126	0.00	.21	.16
.....	2280.00	.87	1.11	439	128	.03	.21	.18
.....	2285.00	~.85	.97	441	114	.03	.24	.22

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : ESSO NORGE a.s  
 WELL : 7121/1-1

Printed at : 15:58  
 : 21 Aug 1986

LITHOLOGY	DEPTH m	SOURCE BED EVALUATION				FREE HYDROCARBS		
		TOC %wt	S2 mg/g	TMAX degC	S2/TOC HI	S0 mg/g	S1 mg/g	TPI
Cuttings Samples								
,, , , ,	2290.00	.92	.97	441	105	.02	.24	.21
,, , , , ,	2295.00	.91	.84	440	92	0.00	.26	.24
,, , , , , ,	2300.00	.89	1.09	442	122	.02	.42	.29
,, , , , ,	2305.00	.87	1.14	440	131	.02	.58	.34
,, , , , ,	2310.00	.88	1.21	439	138	0.00	.46	.28
,, , , , ,	2315.00	.87	1.20	441	138	0.00	.41	.25
,, , , , ,	2320.00	.91	1.49	441	164	.02	.53	.27
,, , , , , :	2325.00	-1.06	1.39	444	131	.02	.93	.41
,, , , ,	2330.00	1.02	1.34	442	131	.04	1.10	.46
,, ,	2335.00	-1.14	1.59	440	139	.05	1.13	.43
,, , , , , :	2340.00	-1.19	1.21	441	102	.01	1.25	.51
,, , , ,	2345.00	-.98	1.11	443	113	.01	1.10	.50
,, ,	2350.00	-1.15	1.21	441	105	.02	1.44	.55
,, ,	2355.00	-1.23	1.54	442	125	.01	.97	.39
,, ,	2360.00	-1.29	1.72	440	133	.02	.85	.34
,, ,	2365.00	-1.42	1.71	442	120	.01	.91	.35
,, ,	2370.00	-1.20	1.40	443	117	.02	.89	.39
,, ,	2375.00	1.28	2.01	440	157	.02	1.09	.36
, ,	2380.00	1.25	1.73	442	138	.03	.99	.37
, ,	2385.00	1.24	2.13	442	172	.07	1.04	.34
,, ,	2390.00	1.26	2.10	444	167	.05	1.31	.39
, ,	2395.00	-1.20	1.87	437	156	.04	.92	.34
, ,	2400.00	-1.07	2.07	434	193	.04	.90	.31
,, ,	2410.00	-1.11	1.66	444	150	.02	.51	.24
=, , , , , ,	2415.00	1.00	1.79	442	179	.06	.46	.23
,, , , , , ,	2420.00	.96	1.29	444	134	.02	.35	.22
=, , , , , ,	2425.00	.92	1.36	446	148	.02	.37	.22
=, , , ,	2430.00	.95	1.47	444	155	.03	.43	.24
=, , , ,	2435.00	.85	1.06	443	125	0.00	.27	.20
=, , ,	2440.00	.87	1.23	443	141	.05	.36	.25
,, ,	2445.00	-1.13	2.17	442	192	.08	.62	.24
=, , ,	2450.00	-1.10	2.01	446	183	.11	.56	.25
=, , ,	2455.00	.98	1.53	441	156	0.00	.49	.24
=, , ,	2460.00	1.05	1.76	443	168	.04	.48	.23
,, ,	2465.00	1.08	1.92	439	178	.07	1.02	.36
,, ,	2470.00	.96	1.47	441	153	.06	.89	.39
=, , ,	2475.00	.96	1.82	442	190	.12	.50	.25
,, , , , ,	2480.00	.93	1.38	445	148	.04	.33	.21
====, , ,	2485.00	.94	1.38	447	147	.05	.40	.25
,, , , , ,	2490.00	.88	1.49	444	169	.01	.63	.30
=, , , , , ,	2495.00	.95	1.37	442	144	.06	.65	.34
=, , , , , ,	2500.00	.87	1.54	443	177	.07	.79	.36
=, , , , , ,	2505.00	-1.01	1.64	442	162	.05	.74	.33
==, , , , , ,	2510.00	.94	1.62	445	172	.05	.96	.38
=, , , , , ,	2515.00	-1.11	1.80	441	162	.01	.92	.34
=, , , , , ,	2520.00	1.29	2.15	443	167	.03	1.41	.40
====, , , , , ,	2525.00	1.23	1.91	445	155	.03	.93	.33

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : ESSO NORGE a.s  
 WELL : 7121/1-1

Printed at : 16:08  
 : 21 Aug 1986

LITHOLOGY	DEPTH m	SOURCE BED EVALUATION				FREE HYDROCARBS		
		TOC %wt	S2 mg/g	TMAX degC	S2/TOC HI	S0 mg/g	S1 mg/g	TPI
Cutttings Samples								
====, , , , ,	2530.00	1.18	1.72	445	146	.03	.94	.36
====, , , , ,	2535.00	1.14	1.67	446	146	.04	.83	.34
==, , , , ,	2539.00	1.27	1.87	444	147	.03	.96	.35
====, , , , ,	2542.00	1.35	3.28	442	243	.05	1.40	.31
====, , , , ,	2545.00	1.27	2.46	448	194	.06	.90	.28
====, , , , ,	2548.00	1.18	2.12	447	180	.03	1.01	.33
====, , , , ,	2551.00	1.36	2.35	444	173	.02	1.01	.30
====, , , , ,	2554.00	1.40	2.48	444	177	.02	1.02	.30
====, , , , ,	2557.00	1.40	2.42	448	173	.03	.99	.30
====, , , , ,	2560.00	1.44	2.52	448	175	.08	.95	.29
====, , , , ,	2563.00	1.49	2.71	448	182	.04	1.08	.29
====, , , , ,	2566.00	1.57	2.71	447	173	.05	.99	.28
====, , , , ,	2569.00	1.50	2.46	447	164	.04	.97	.29
====, , , , ,	2572.00	1.41	3.04	446	216	.06	1.15	.28
====, , , , ,	2575.00	1.47	2.61	445	178	.06	.96	.28
====, , , , ,	2578.00	1.45	2.24	447	154	.04	.90	.30
====, , , , ,	2581.00	1.50	2.53	444	169	.11	1.10	.32
====, , , , ,	2584.00	1.61	2.51	447	156	.03	1.11	.31
====, , , , ,	2587.00	1.81	3.08	446	170	.05	1.41	.32
=, , , , , , ,	2590.00	1.91	3.27	445	171	.05	1.58	.33
=, , , , , , ,	2593.00	1.82	3.27	445	180	.11	1.47	.33
====, , , , ,	2596.00	2.10	4.28	450	204	.06	1.73	.29
====, , , , ,	2599.00	2.18	4.66	453	214	.07	2.65	.37
====, , , , ,	2602.00	2.60	4.80	450	185	.23	2.17	.33
====, , , , ,	2605.00	2.42	4.47	452	185	.22	2.18	.35
====, , , , ,	2608.00	2.82	5.51	447	195	.15	2.40	.32
====, , , , ,	2611.00	3.10	5.74	449	185	.14	2.75	.33
====, , , , ,	2614.00	2.90	5.84	447	201	.09	2.76	.33
====, , , , ,	2617.00	3.03	5.54	445	183	.16	2.97	.36
====, , , , ,	2620.00	3.19	5.79	444	182	.16	2.97	.35
====, , , , ,	2623.00	3.03	5.82	442	192	.09	2.69	.32
====, , , , ,	2626.00	2.07	4.62	443	223	.08	2.06	.32
====, , , , ,	2629.00	2.20	4.11	451	187	.11	2.07	.35
====, , , , ,	2632.00	2.00	3.53	449	176	.10	1.73	.34
====, , , , ,	2635.00	2.01	3.41	450	170	.06	1.73	.34
====, , , , ,	2638.00	2.10	2.90	447	138	.02	1.56	.35
==, , , , , ,	2641.00	1.93	2.84	447	147	.03	1.71	.38
====, , , , ,	2644.00	1.75	2.87	444	164	.09	1.75	.39
====, , , , ,	2647.00	1.53	2.52	449	165	.95	1.45	.49
====, , , , ,	2650.00	1.68	2.84	445	169	.10	1.58	.37
====, , , , ,	2653.00	1.90	3.08	447	162	.10	1.74	.37
====, , , , ,	2656.00	2.09	4.00	450	191	.09	2.10	.35
==, , , , , , ,	2659.00	2.13	3.23	447	152	.11	2.01	.40
==, , , , , , ,	2662.00	2.08	4.01	450	193	.09	2.10	.35
====, , , , ,	2665.00	2.14	3.22	446	150	.06	1.84	.37
====, , , , ,	2668.00	1.97	2.94	449	149	.06	1.78	.38
====, , , , ,	2671.00	1.95	2.75	444	141	.04	1.71	.39

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : ESSO NORGE a.s  
 WELL : 7121/1-1

Printed at : 16:12  
 : 21 Aug 1986

LITHOLOGY	DEPTH m	SOURCE BED EVALUATION				FREE HYDROCARBS		
		TOC %wt	S2 mg/g	TMAX degC	S2/TOC HI	S0 mg/g	S1 mg/g	TPI
Cuttings Samples								
==, , , , , ,	2674.00	2.04	2.55	444	125	.03	1.69	.40
==, , , , , ,	2677.00	1.83	2.53	446	138	.02	1.58	.39
==, , , , , ,	2680.00	1.86	2.50	445	134	.03	1.58	.39
==, , , , , ,	2683.00	1.86	2.44	449	131	.02	1.44	.37
===, , , , , ,	2686.00	1.77	2.31	453	131	.03	1.40	.38
===, , , , , ,	2689.00	1.88	2.19	444	116	.03	1.74	.45
==, , , , , ,	2692.00	1.87	2.19	446	117	.01	1.47	.40
==, , , , , ,	2695.00	1.90	2.04	445	107	.01	1.54	.43
==, , , , , ,	2698.00	1.90	2.22	448	117	.02	1.70	.44
==, , , , , ,	2701.00	1.87	1.98	449	106	.02	1.73	.47
=, , , , , ,	2704.00	1.97	1.91	449	97	.04	1.48	.44
==, , , , , ,	2707.00	1.80	2.21	443	123	.02	1.77	.45
==, , , , , ,	2710.00	1.87	1.88	451	101	.01	1.51	.45
==, , , , , ,	2713.00	1.77	1.94	443	110	.02	1.71	.47
===, , , , , ,	2716.00	1.79	2.24	449	125	.02	1.94	.47
===, , , , , ,	2719.00	1.84	1.95	442	106	.07	1.55	.45
====, , , , , ,	2722.00	1.76	2.35	449	134	.07	1.53	.41
====, , , , , ,	2725.00	1.67	2.49	448	149	.07	1.70	.42
====, , , , , ,	2728.00	1.91	2.35	447	123	.05	1.60	.41
====, , , , , ,	2731.00	1.50	2.07	450	138	.06	1.72	.46
====, , , , , ,	2734.00	1.68	2.08	444	124	.05	1.54	.43
====, , , , , ,	2737.00	1.87	2.27	452	121	.06	1.61	.42
====, , , , , ,	2740.00	2.09	2.21	448	106	.05	1.86	.46
====, , , , , ,	2743.00	1.59	2.32	454	146	.05	2.12	.48
====, , , , , ,	2746.00	1.76	2.43	448	138	.04	1.52	.39
====, , , , , ,	2749.00	2.06	2.08	450	101	.06	1.61	.45
====, , , , , ,	2752.00	1.85	2.08	450	112	.10	1.61	.45
====, , , , , ,	2755.00	1.80	2.34	448	130	.14	1.59	.43
====, , , , , ,	2758.00	1.84	2.10	452	114	.04	1.61	.44
====, , , , , ,	2761.00	2.93	1.98	454	68	.01	1.68	.46
====, , , , , ,	2764.00	2.07	2.31	451	112	.03	1.66	.42
====, , , , , ,	2767.00	1.93	2.06	450	107	.02	1.73	.46
====, , , , , ,	2770.00	1.99	2.15	449	108	.02	1.80	.46
====, , , , , ,	2773.00	1.73	2.04	452	118	.03	1.67	.45
====, , , , , ,	2776.00	1.72	2.16	452	126	.03	1.52	.42
====, , , , , ,	2779.00	2.19	2.31	453	105	.05	1.78	.44
====, , , , , ,	2782.00	2.01	2.31	450	115	.06	1.84	.45
====, , , , , ,	2785.00	2.20	2.20	454	100	.06	1.92	.47
====, , , , , ,	2788.00	1.93	2.00	454	104	.07	1.72	.47
====, , , , , ,	2791.00	1.93	2.70	453	140	.01	1.66	.38
====, , , , , ,	2794.00	2.38	2.28	454	96	.03	2.00	.47
====, , , , , ,	2797.00	1.95	2.05	455	105	.03	1.51	.43
====, , , , , ,	2800.00	1.88	2.07	455	110	.03	1.48	.42
====, , , , , ,	2803.00	2.02	1.80	452	89	.02	1.50	.46
., , , , , , , ,	2806.00	1.02	1.31	442	128	.07	.81	.40
., , , , , , , ,	2809.00	.44	.67	447	152	.05	.44	.42
., , , , , , , ,	2812.00	.59	.79	444	134	.05	.54	.43
., , , , , , , ,	2815.00	.59	.69	447	117	.10	.54	.48

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : ESSO NORGE a.s  
 WELL : 7121/1-1

Printed at : 16:17  
 : 21 Aug 1986

LITHOLOGY	DEPTH m	SOURCE BED EVALUATION				FREE HYDROCARBS		
		TOC %wt	S2 mg/g	TMAX degC	S2/TOC HI	S0 mg/g	S1 mg/g	TPI
Cuttings Samples								
,,,,,,,,,	2818.00	.59	.55	432	93	.08	.53	.53
,,,,,,,,,	2821.00	.65	.55	446	85	.04	.55	.52
,,,,,,,,,	2824.00	.60	.51	440	85	.03	.51	.51
,,,,,,,,,	2827.00	.56	.40	439	71	.03	.45	.55
,,,,,,,,,	2830.00	.87	.95	442	109	.03	.65	.42
,,,,,,,,,	2833.00	.95	.99	446	104	.02	.80	.45
,,,,,,,,,	2836.00	1.11	1.04	437	94	.09	1.05	.52
,,,,,,,,,	2839.00	.84	.76	437	90	.09	.72	.52
,,,,,,,,,	2842.00	1.00	.53	437	53	.07	.61	.56
,,,,,,,,,	2845.00	.63	.41	421	65	.06	.50	.58
,,,,,,,,,	2848.00	.61	.48	447	79	.01	.47	.50
,,,,,,,,,	2851.00	.57	.36	440	63	.01	.43	.55
,,,,,,,,,	2854.00	.59	.39	433	66	.02	.50	.57
,,,,,,,,,	2857.00	.49	.36	445	73	.02	.43	.56
,,,,,,,,,	2860.00	.54	.36	448	67	0.00	.44	.55
,,,,,,,,,	2863.00	.55	.35	448	64	0.00	.44	.56
,,,,,,,,,	2866.00	.50	.28	416	56	.01	.35	.56
,,,,,,,,,	2869.00	.48	.27	435	56	0.00	.32	.54
,,,,,,,,,	2872.00	.52	.36	443	69	.02	.38	.53
,,,,,,,,,	2875.00	.52	.41	428	79	.01	.43	.52
,,,,,,,,,	2878.00	.53	.36	448	68	.02	.43	.56
,,,,,,,,,	2881.00	.65	.35	433	54	.02	.47	.58
,,,,,,,,,	2884.00	.59	.24	436	41	.03	.41	.65
,,,,,,,,,	2887.00	.68	.36	425	53	.09	.46	.60
,,,,,,,,,	2890.00	.81	.47	447	58	.08	.53	.56
,,,,,,,,,	2893.00	.80	.40	436	50	.02	.55	.59
,,,,,,,,,	2896.00	.74	.45	439	61	0.00	1.34	.75
,,,,,,,,,	2899.00	.69	.46	428	67	.12	.61	.61
,,,,,,,,,	2902.00	.61	.36	442	59	.06	.51	.61
,,,,,,,,,	2905.00	.71	.47	443	66	.03	.57	.56
,,,,,,,,,	2908.00	.63	.50	444	79	.01	.57	.54
,,,,,,,,,	2911.00	.52	.44	446	85	.01	.54	.56
,,,,,,,,,	2914.00	.51	.41	441	80	.02	.54	.58
,,,,,,,,,	2917.00	.41	.42	444	102	.01	.49	.54
,,,,,,,,,	2920.00	.87	.40	449	46	.01	.58	.60
,,,,,,,,,	2923.00	.65	.31	446	48	.04	.55	.66
,,,,,,,,,	2926.00	.97	.45	443	46	.01	.56	.56
,,,,,,,,,	2929.00	.50	.42	442	84	0.00	.52	.55
,,,,,,,,,	2932.00	.89	.36	431	40	.01	.48	.58
,,,,,,,,,	2935.00	.67	.27	448	40	0.00	.42	.61
,,,,,,,,,	2938.00	.61	.33	427	54	0.00	.52	.61
,,,,,,,,,	2941.00	.58	.48	412	83	.01	.45	.49
,,,,,,,,,	2944.00	.62	.49	405	79	.02	.53	.53
,,,,,,,,,	2947.00	.26	.33	421	127	.01	.47	.59
,,,,,,,,,	2950.00	.48	.28	433	58	.02	.53	.66
,,,,,,,,,	2953.00	.46	.52	417	113	.02	.62	.55
,,,,,,,,,	2956.00	.32	.37	420	116	.11	.65	.67

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : ESSO NORGE a.s  
 WELL : 7121/1-1

Printed at : 16:21  
 : 21 Aug 1986

LITHOLOGY	DEPTH m	SOURCE BED EVALUATION				FREE HYDROCARBS		
		TOC %wt	S2 mg/g	TMAX degC	S2/TOC HI	S0 mg/g	S1 mg/g	TPI
-----								
Cuttings Samples								
,,,,,,,,,,	2959.00	.48	.37	431	77	0.00	.07	.16
,,,,,,,,,,	2962.00	.64	.40	400	63	0.00	.67	.63
,,,,,,,,,,	2965.00	.64	.42	426	66	0.00	.43	.51
,,,,,,,,,,	2968.00	.61	.29	405	48	0.00	.39	.57
,,,,,,,,,,	2971.00	.60	.28	424	47	0.00	.34	.55
,,,,,,,,,,	2974.00	.65	.31	424	48	0.00	.35	.53
,,,,,,,,,,	2977.00	.60	.31	0	52	0.00	.39	.56
,,,,,,,,,,	2980.00	.92	1.35	407	147	0.00	1.00	.43
,,,,,,,,,,	2983.00	.76	.78	413	103	0.00	.68	.47
,,,,,,,,,,	2986.00	.73	.52	438	71	0.00	.51	.50
,,,,,,,,,,	2989.00	1.18	2.60	0	220	0.00	3.09	.54
,,,,,,,,,,	2992.00	.78	.51	413	65	0.00	.50	.50
,,,,,,,,,,	2995.00	.47	.24	443	51	0.00	.26	.52
,,,,,,,,,,	2998.00	.34	.08	431	24	0.00	.08	.50
ZZZZ,,,,,,,,	3001.00	.18	.11	403	61	0.00	.07	.39
LLLLLLLLL^^	3004.00	.20	.05	430	25	0.00	.04	.44
LLLLLLLLL^^	3007.00	.10	.02	0	20	0.00	.02	.50
LLLLLLLLL^	3010.00	.29	.02	0	7	0.00	.06	.75
LLLLLLLLL^^	3013.00	.23	.02	0	9	0.00	.08	.80
LLLLLLLLL^	3016.00	.17	.04	0	24	0.00	.04	.50
LLLLLLLLL^	3019.00	.15	.06	0	40	0.00	.06	.50
LLLLLLLLL^	3022.00	.10	.03	0	30	0.00	.05	.63
LLLLLL^^^^	3025.00	.06	.01	0	17	0.00	.05	.83
LLLLLLLLL^^	3028.00	.25	.03	0	12	0.00	.07	.70
LLLLLLLLL^	3031.00	.19	.01	0	5	0.00	.03	.75
LLLLLLLLL^	3034.00	.07	.01	0	14	0.00	.07	.88
LLLLLLLLL^	3037.00	.10	.09	0	90	.01	.12	.59
LLLLLLLLL^	3040.00	.10	.07	0	70	.01	.15	.70
LLLLL.LLLL^	3043.00	.31	.98	425	316	.01	.34	.26
LLLLLLLLL^	3046.00	.17	.07	0	41	0.00	.22	.76
LLLLLLLLL^	3049.00	.26	.03	0	12	.01	.07	.73
LLLLLLLLL^	3052.00	.06	.07	0	117	0.00	.06	.46
LLLLLLLLLLL	3055.00	.14	.06	0	43	0.00	.08	.57
LLLLLLLLLLL	3058.00	.09	.07	0	78	0.00	.11	.61
LLLLLLLLL^	3061.00	.22	.05	0	23	0.00	.03	.38
LLLLLLLLL^	3064.00	.06	.03	0	50	0.00	.03	.50
LLLLLLLLLLL	3067.00	.19	.07	0	37	0.00	.09	.56
LLLLLLLLL^	3070.00	.09	.02	0	22	0.00	.02	.50
LLLLLLLLL^^	3073.00	.06	.07	0	117	0.00	.04	.36
LLLLLLLLL^	3076.00	.11	.03	0	27	0.00	.05	.63
LLLLLL^^^^	3079.00	.12	.04	0	33	0.00	.02	.33
LLLLLLLLL^^	3082.00	.09	.05	0	56	0.00	.04	.44
LLLLLLLLL^^	3085.00	.12	.06	0	50	0.00	.07	.54
LLLLLLLLL^^	3088.00	.16	.05	0	31	0.00	.06	.55
LLLLLLLLL^^	3091.00	.40	.08	0	20	0.00	.12	.60
LLLLLLLLL^^	3094.00	.20	.08	402	40	.01	.13	.64
LLLLLLLLL^^	3097.00	.39	.09	439	23	0.00	.07	.44
LLLLLLLLL^^	3100.00	.07	.11	0	157	0.00	.10	.48

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : ESSO NORGE a.s  
 WELL : 7121/1-1

Printed at : 16:45  
 : 21 Aug 1986

LITHOLOGY	DEPTH m	SOURCE BED EVALUATION				FREE HYDROCARBS		
		TOC %wt	S2 mg/g	TMAX degC	S2/TOC HI	S0 mg/g	S1 mg/g	TPI
Cuttings Samples								
LLL^^^^^^	3103.00	.42	.11	0	26	0.00	.11	.50
LL^^^^^^	3106.00	.15	.05	0	33	0.00	.08	.62
LL^^^^^^	3109.00	.34	.03	0	9	0.00	.02	.40
LL^^^^^^	3112.00	.18	.07	439	39	0.00	.08	.53
LLL^^^^^^	3115.00	.19	.04	0	21	0.00	.07	.64
LLLLLZZZ^^	3118.00	.18	.06	426	33	0.00	.07	.54
LLLLLZZZ^,	3121.00	.35	.12	436	34	0.00	.22	.65
LLLLZZZ^^^	3124.00	.15	.12	0	80	0.00	.31	.72
LLLLZZZ^^^	3127.00	.08	.07	0	88	0.00	.12	.63
LLLZZZ^^^^	3130.00	.15	.05	0	33	0.00	.13	.72
LLZ^,,,,,,	3133.00	.12	.08	0	67	0.00	.21	.72
L^,,,,,,	3136.00	.13	.07	0	54	0.00	.14	.67
L,,,,,,	3139.00	.12	.09	0	75	0.00	.13	.59
LL^^^^^^	3142.00	.12	.22	453	183	.01	.08	.29
L^^^^^^	3145.00	.19	.34	432	179	.03	.14	.33
L^^^^^^	3148.00	.18	.25	449	139	.02	.09	.31
^^^^^^,,	3151.00	.16	.22	445	138	.01	.11	.35
L^^^^^^,,	3154.00	.31	.38	0	123	.02	.25	.42
L^^^,,,,,,	3157.00	.29	.23	425	79	.02	.10	.34
^^,,,,,,	3160.00	.29	.21	446	72	0.00	.11	.34
^^^^,,,,,,	3163.00	.22	.15	464	68	0.00	.06	.29
^^^^,,,,,,	3166.00	.19	.11	0	58	0.00	.07	.39
^^^^,,,,,,	3169.00	.27	.13	454	48	0.00	.06	.32
^^^^,,,,,,	3172.00	.18	.12	409	67	0.00	.05	.29
^^^^,:::	3175.00	.11	.12	424	109	0.00	.12	.50
^^^^,:::	3178.00	.11	.06	427	55	0.00	.09	.60
^^^^,:::	3181.00	.15	.10	411	67	0.00	.07	.41
^^^^,:::	3184.00	.10	.05	434	50	0.00	.04	.44
^^^^,:::	3187.00	.13	.13	415	100	0.00	.01	.07
ZZZ^^^^^^,	3190.00	.16	.08	435	50	.01	.07	.50
ZZZZ^^^^^^,	3193.00	.18	.03	0	17	0.00	.02	.40
ZZZ^^^^^^,,	3196.00	.18	.23	491	128	.01	.04	.18
ZZZZ^^^^^^,,	3199.00	.09	.13	0	144	0.00	.07	.35
LLZZ^^^^^^	3202.00	.03	.03	0	100	0.00	.01	.25
LLZZ^^^^^^	3205.00	.06	.19	0	317	0.00	.06	.24
LLLZZ^^^^^^	3208.00	.16	.15	0	94	0.00	.06	.29
LLZZ^^^^^^,	3211.00	.11	.17	0	155	0.00	.06	.26
LZZZ^^^^^^,	3214.00	.23	.15	0	65	0.00	.05	.25
LZZZ^^^^^^,	3217.00	.18	.16	0	89	0.00	.06	.27
LZZZZ^^^^^^	3220.00	.22	.15	0	68	0.00	.05	.25
LZZZZ^^^^^^,	3223.00	.18	.16	0	89	0.00	.04	.20
ZZZZ^^^^^^,,	3226.00	.05	.18	0	360	.01	.06	.28
ZZZ^^^^^^,,	3229.00	.14	.17	412	121	0.00	.08	.32
LZZ^^^^^^,,	3232.00	.11	.17	0	155	.02	.07	.35
LZZ^^^^^^,,	3235.00	.15	.16	0	107	.02	.07	.36
LZZ^^^^^^,	3238.00	.17	.15	0	88	.01	.07	.35
LZZZ^^^^^^	3241.00	.21	.16	0	76	.02	.07	.36
LZZZ^^^^^^	3244.00	.23	.14	0	61	.01	.06	.33

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : ESSO NORGE a.s  
 WELL : 7121/1-1

Printed at : 16:49  
 : 21 Aug 1986

LITHOLOGY	DEPTH m	SOURCE BED EVALUATION				FREE HYDROCARBS		
		TOC %wt	S2 mg/g	TMAX degC	S2/TOC HI	S0 mg/g	S1 mg/g	TPI
Cuttings Samples								
LZZZ^^^^^^	3247.00	.28	.14	0	50	.01	.05	.30
LLZZZZ^^^^	3250.00	.44	.16	0	36	0.00	.09	.36
LLZZZZ^^^^	3253.00	.34	.17	455	50	.01	.07	.32
LLZZZZZZ^^^	3256.00	.47	.04	429	9	0.00	.03	.43
LLZZZZ^^^^	3259.00	.27	.15	0	56	.01	.07	.35
LZZZ^^^^^^	3262.00	.35	.05	402	14	0.00	.02	.29
LZZZZZZ^^^	3265.00	.40	.21	0	53	.01	.18	.48
LZZZZZZ^^^	3268.00	.29	.19	0	66	.01	.12	.41
LZZZZZZ^^	3271.00	.38	.17	0	45	0.00	.08	.32
LZZZZZZ^^	3274.00	.24	.09	454	38	0.00	.03	.25
LLZZZZZZ^^	3277.00	.28	.14	0	50	.01	.05	.30
LLZZZZZZ^	3280.00	.29	.08	449	28	0.00	.04	.33
LLLLZZZZZ^	3283.00	.26	.16	419	62	.01	.08	.36
LLLZZZZZZ^	3286.00	.35	.11	413	31	0.00	.07	.39
LLZZZZZZZ^	3289.00	.46	.10	423	22	0.00	.06	.38
LLZZZZZZ^^	3292.00	.25	.12	430	48	0.00	.08	.40
LLZZZZZZ^^	3295.00	.28	.07	0	25	0.00	.07	.50
LLZZZZZZ^^	3298.00	.26	.03	0	12	0.00	.05	.63
LLLZZZZZZ^	3301.00	.52	.06	0	12	0.00	.07	.54
LLLZZZZZZ^	3304.00	.28	.10	0	36	0.00	.06	.38
LLLZZZZZZ^^	3307.00	.26	.14	0	54	.01	.07	.36
LLLZZZZZZ^	3310.00	.34	.06	0	18	0.00	.04	.40
LZZZZZZZZ^	3313.00	.32	.12	0	38	0.00	.11	.48
LLLLZZZZZ^	3316.00	.30	.10	0	33	0.00	.06	.38
LLLLZZZZZ^	3319.00	.20	.11	0	55	0.00	.10	.48
LLLLZZZZZ^	3322.00	.13	.17	0	131	0.00	.13	.43
LLLLZZZZZ^	3325.00	.27	.15	454	56	0.00	.08	.35
LLLLZZZZZ^^	3328.00	.24	.08	0	33	0.00	.06	.43
LLLLZZZZZ^^	3331.00	.19	.10	0	53	0.00	.07	.41
LLLLZZZZZ^^	3334.00	.23	.06	0	26	0.00	.06	.50
LLLLZZZZZ^^	3337.00	.22	.04	0	18	0.00	.03	.43
LLLLZZZZZ^	3340.00	.39	.07	0	18	0.00	.04	.36
LLLLLZZZZZ	3343.00	.52	.06	0	12	0.00	.04	.40
LLLLLZZZZZ^	3346.00	.32	.07	0	22	0.00	.05	.42
LLLLLZZZZZ^	3349.00	.36	.06	0	17	0.00	.04	.40
LLLLLZZZZZ^	3352.00	.23	.08	0	35	0.00	.06	.43
LLLLLZZZZZ^	3355.00	.16	.11	0	69	0.00	.05	.31
LLLLLZZZ^^^	3358.00	.23	.12	0	52	.01	.07	.40
LLLLLZZZ^^^	3361.00	.21	.05	0	24	0.00	.07	.58
LLLLLZZZ^^^	3364.00	.25	.13	0	52	0.00	.08	.38
LLLLLZZZZZ	3424.00	.12	.11	0	92	0.00	.04	.27
LLLLLZZZZZ	3427.00	.17	.13	0	76	0.00	.03	.19
LLLLLZZZZZ^	3430.00	.30	.27	0	90	0.00	.16	.37
LLLLLZZZZZ^	3433.00	.25	.21	0	84	0.00	.11	.34
LLLLLZZZZZ^	3436.00	.37	.25	0	68	0.00	.08	.24
LLLLLZZZZZ^	3439.00	.40	.40	412	100	0.00	.11	.22
LLLLLZZZ^^^	3442.00	.28	.04	0	14	0.00	.03	.43



EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : ESSO NORGE a.s  
 WELL : 7121/1-1

Printed at : 16:53  
 : 21 Aug 1986

LITHOLOGY	DEPTH m	SOURCE BED EVALUATION				FREE HYDROCARBS		
		TOC %wt	S2 mg/g	TMAX degC	S2/TOC HI	S0 mg/g	S1 mg/g	TPI
Cuttings Samples								
LLLLLZZZ^^	3445.00	.33	.08	0	24	0.00	.04	.33
LLLLLLLLLZZ	3448.00	.26	.22	0	85	0.00	.11	.33
LLLLLLLLLZZ	3451.00	.28	.19	0	68	0.00	.08	.30
LLLLLZZZ^^	3457.00	.58	.56	0	97	0.00	.25	.31
LLLLLLLLLZZ^	3460.00	.41	.27	0	66	0.00	.10	.27
LLLLLLLLLZZ^	3463.00	.47	.28	0	60	0.00	.12	.30
LLLLLLLLLZZ^	3466.00	.87	1.12	0	129	.01	.61	.36
LLLLLLLLLZZ^	3469.00	.58	.27	415	47	0.00	.11	.29
LLLLLLLLLZZ^	3472.00	.38	.35	0	92	.01	.13	.29
LLLLLLLLLZZ^	3475.00	.63	.21	423	33	0.00	.11	.34
LLLLLLLLLZZ^	3478.00	.48	.15	0	31	0.00	.07	.32
LLLLLLLLLZZ^	3481.00	.53	.14	0	26	0.00	.06	.30
LLLLLLLLLZZ^	3484.00	.82	.06	0	7	0.00	.07	.54
LLLLLLLLLLL	3487.00	.75	.13	0	17	0.00	.06	.32
LLLLLLLLLLL	3490.00	.78	.15	0	19	0.00	.08	.35
LLLLLLLLLLZ	3493.00	.71	.16	0	23	0.00	.06	.27
LLLLLLLLLL^	3496.00	.46	.18	0	39	0.00	.07	.28
LLLLLLLLLZZ^	3499.00	.29	.10	0	34	0.00	.04	.29
LLLLLZZZZZ	3502.00	.25	.19	0	76	0.00	.07	.27
LLLLLLLLLZZ^	3505.00	.27	.12	0	44	0.00	.05	.29
LLLLLLLLLLZ	3508.00	.24	.10	0	42	0.00	.06	.38
LLLLLLLLLZZ^	3511.00	.28	.10	0	36	0.00	.06	.38
LLLLLLL^^^	3514.00	.37	.38	0	103	0.00	.25	.40
LLLLLLL^^^	3517.00	.08	.02	0	25	0.00	.02	.50
LLLLLLLZ^^	3520.00	.06	0.00	0	0	0.00	0.00	0.00
LLLLLLL^^	3523.00	.12	.03	0	25	0.00	.02	.40
LLLLLLLLL^	3526.00	.17	.06	0	35	0.00	.04	.40
LLLLLLLLL^	3529.00	.30	.06	0	20	0.00	.05	.45
LLLLLLLLLLL	3532.00	.20	.12	0	60	0.00	.07	.37
LLLLLLLLLLL	3535.00	.30	.12	0	40	0.00	.07	.37
LLLLLLLLLLL	3538.00	.27	.22	0	81	0.00	.18	.45
LLLLLLLLLLL	3541.00	.28	.18	0	64	0.00	.08	.31
LLLLLLLLLLL	3544.00	.31	.22	0	71	0.00	.10	.31
LLLLLLLLLLL	3547.00	.34	.18	0	53	0.00	.07	.28
LLLLLLLLLLL	3550.00	.25	.50	0	200	0.00	.15	.23
LLLLLLLLLLL	3553.00	.29	.45	0	155	0.00	.18	.29
LLLLLLLLLLL	3556.00	.29	.40	0	138	0.00	.15	.27
LLLLLLLLLLL	3559.00	.30	.22	0	73	0.00	.10	.31
LLLLLLLLLLL	3562.00	.34	.31	0	91	0.00	.09	.23
LLLLLLLLLLL	3565.00	.19	.14	0	74	0.00	.07	.33
LLLLLLLLLLL	3568.00	.37	.21	0	57	0.00	.12	.36
LLLLLLLLLLL	3571.00	.46	.19	0	41	0.00	.14	.42
LLLLLLLLLLL	3574.00	.54	.21	500	39	0.00	.09	.30
LLLLLLLLLLL	3577.00	.63	.23	471	37	0.00	.12	.34
LLLLLLLLLLL	3580.00	.62	.32	468	52	0.00	.16	.33
LLLLLLLLLLL	3583.00	.86	.25	520	29	0.00	.13	.34

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : ESSO NORGE a.s  
 WELL : 7121/1-1

Printed at : 16:57  
 : 21 Aug 1986

LITHOLOGY	DEPTH m	SOURCE BED EVALUATION				FREE HYDROCARBS		
		TOC %wt	S2 mg/g	TMAX degC	S2/TOC HI	S0 mg/g	S1 mg/g	TPI
Cuttings Samples								
LLLLLLLLLLLL	3586.00	.81	.33	517	41	0.00	.13	.28
LLLLLLLLLLLL	3589.00	.83	.25	521	30	0.00	.10	.29
LLLLLLLLLLLL	3592.00	.60	.22	531	37	0.00	.07	.24
LLLLLLLLLLLL	3595.00	.82	.24	512	29	0.00	.10	.29
LLLLLLLLLLLL	3598.00	.84	.27	531	32	0.00	.09	.25
LLLLLLLLLLLL	3601.00	.71	.22	480	31	0.00	.10	.31
LLLLLLLLLLLL	3604.00	.59	.17	0	29	0.00	.05	.23
LLLLLLLLLLLL	3607.00	.51	.20	458	39	0.00	.08	.29
LLLLLLLLLLLL	3610.00	.47	.19	0	40	0.00	.12	.39
LLLLLLLLLLLL	3613.00	.63	.27	440	43	0.00	.16	.37
LLLLLLLLLLLL	3616.00	.56	.16	0	29	0.00	.07	.30
LLLLLLLLLLLL	3619.00	.50	.22	457	44	0.00	.07	.24
LLLLLLLLLLLL	3622.00	.66	.24	453	36	0.00	.10	.29
LLLLLLLLLLLL	3625.00	.68	.27	476	40	0.00	.09	.25
LLLLLLLLLLLL	3628.00	.37	.15	0	41	0.00	.05	.25
LLLLLLLLLLLL	3631.00	.48	.18	0	38	0.00	.08	.31
LLLLLLLLLLLL	3634.00	.53	.17	0	32	0.00	.05	.23
LLLLLLLLLLLL	3637.00	.53	.16	0	30	0.00	.05	.24
LLLLLLLLLLLL	3640.00	.56	.14	0	25	0.00	.05	.26
LLLLLLLLLLLL	3643.00	.47	.18	0	38	0.00	.07	.28
LLLLLLLLLLLL	3646.00	.46	.13	0	28	0.00	.07	.35
LLLLLLLLLLLL	3649.00	.50	.14	0	28	0.00	.04	.22
LLLLLLLLLLLL	3652.00	.44	.14	0	32	0.00	.05	.26
LLLLLLLLLLLL	3655.00	.62	.14	0	23	0.00	.09	.39
LLLLLLLLLLLL	3658.00	.58	.17	0	29	0.00	.07	.29
LLLLLLLLLLLL	3661.00	.51	.17	0	33	0.00	.07	.29
LLLLLLLLLLLL	3664.00	.60	.20	520	33	0.00	.08	.29
LLLLLLLLLLLL	3667.00	.50	.15	0	30	0.00	.07	.32
LLLLLLLLLLLL	3670.00	.51	.15	0	29	0.00	.08	.35
LLLLLLLLLLLL	3673.00	.57	.09	0	16	0.00	.05	.36
LLLLLLLLLLLL	3676.00	.53	.08	0	15	0.00	.05	.38
LLLLLLLLLLLL	3679.00	.37	.09	0	24	0.00	.04	.31
LLLLLLLLLLLL	3682.00	.48	.13	0	27	0.00	.07	.35
LLLLLLLLLLLL	3685.00	.25	.07	0	28	0.00	.04	.36
LLLLLLLLLLLL	3688.00	.31	.07	0	23	0.00	.04	.36
LLLLLLLLLLLL	3691.00	.43	.08	0	19	0.00	.04	.33
LLLLLLLLLLLL	3694.00	.29	.06	0	21	0.00	.03	.33
LLLLLLLLLLLL	3697.00	.36	.17	0	47	0.00	.09	.35
LLLLLLLLLLLL	3700.00	.27	.05	0	19	0.00	.03	.38
LLLLLLLLLLLL	3703.00	.19	.08	0	42	0.00	.04	.33
LLLLLLLLLLLL	3706.00	.35	.15	0	43	0.00	.11	.42
LLLLLLLLLLLL	3709.00	.23	0.00	0	0	0.00	.03	1.00
LLLLLLLLLLLL	3712.00	.25	.16	0	64	0.00	.08	.33
LLLLLLLLLLLL	3714.00	.54	.15	0	28	.01	.38	.72
LLLLLLLLLLLL	3715.00	.17	.09	0	53	0.00	.07	.44
LLLLLLLLLLLL	3718.00	.38	.07	0	18	0.00	.05	.42
LLLLLLLLLLLL	3721.00	.36	.06	0	17	0.00	.04	.40
LLLLLLLLLLLL	3727.00	.31	.08	400	26	0.00	.03	.27

EXPLORATION LOGGING GEOCHEMICAL DATA PRINT

FOR : ESSO NORGE a.s  
 WELL : 7121/1-1

Printed at : 17:01  
 : 21 Aug 1986

LITHOLOGY	DEPTH m	SOURCE BED EVALUATION				FREE HYDROCARBS		
		TOC %wt	S2 mg/g	TMAX degC	S2/TOC HI	S0 mg/g	S1 mg/g	TPI
Cuttings Samples								
LLLLLLLLLL	3730.00	.39	.08	0	21	0.00	.04	.33
LLLLLLLLLL	3733.00	.40	.06	0	15	0.00	.03	.33
LLLLLLLLLL	3736.00	.31	.09	0	29	0.00	.02	.18
LLLLLLLLLL	3739.00	.32	.06	0	19	0.00	.02	.25
LLLLLLLLLL	3742.00	.38	.28	0	74	0.00	.18	.39
LLLLLLLLLL	3745.00	.27	.11	0	41	.01	.06	.39
LLLLLLLLLL	3748.00	.32	.06	0	19	0.00	.02	.25
LLLLLLLLLL	3751.00	.27	.02	0	7	0.00	.01	.33
LLLLLLLLLL	3754.00	.23	.02	0	9	0.00	.01	.33
LLLLLLLLLL	3757.00	.17	.03	0	18	0.00	.01	.25
LLLLLLLLLL	3763.00	.25	.06	0	24	0.00	.03	.33
LLLLLLLLLL	3766.00	.34	.02	0	6	0.00	.03	.60
LLLLLLLLLL	3769.00	.44	.03	0	7	0.00	.03	.50
LLLLLLLLLL	3772.00	.43	.13	0	30	0.00	0.00	0.00
LLLLLLLLLL	3775.00	.25	.03	0	12	0.00	.02	.40
LLLLLLLLLL	3778.00	.24	.03	0	13	0.00	.02	.40
LLLLLLLLLL	3781.00	.24	.02	0	8	0.00	.02	.50
LLLLLLLLLL	3784.00	.28	.03	0	11	0.00	.02	.40
LLLLLLLLLL	3787.00	.33	.01	0	3	0.00	.01	.50
LLLLLLLLLL	3790.00	.41	.02	0	5	0.00	.01	.33
LLLLLLLLLL	3793.00	.38	.03	0	8	0.00	.03	.50
LLLLLLLLLL	3796.00	.28	.04	0	14	0.00	.04	.50
LLLLLLLLLL	3799.00	.25	.03	0	12	0.00	.05	.63
LLLLLLLLLL	3802.00	.25	.10	0	40	0.00	.17	.63
LLLLLLLLLL	3805.00	.31	.15	0	48	0.00	.08	.35
LLLLLLLLLL	3808.00	.30	.07	0	23	0.00	.10	.59
LLLLLLLLLL	3811.00	.39	.06	0	15	0.00	.17	.74
LLLLLLLLLL	3814.00	.28	.08	0	29	0.00	.13	.62
LLLLLLLLLL	3817.00	.39	.08	0	21	0.00	.13	.62
LLLLLLLLLL	3820.00	.12	.09	0	75	0.00	.13	.59
LLLLLLLLLL	3823.00	.12	.08	0	67	0.00	.11	.58
LLLLLLLLLL	3826.00	.21	.12	0	57	0.00	.10	.45
LLLLLLLLLL	3829.00	.19	.05	446	26	0.00	.11	.69
LLLLLLLLLL	3832.00	.39	.05	0	13	0.00	.12	.71
LLLLLLLLLL	3835.00	.34	.04	0	12	0.00	.01	.20
LLLLLLLLLL	3838.00	.39	.05	0	13	0.00	.11	.69
LLLLLLLLLL	3841.00	.24	.06	0	25	0.00	.06	.50
LLLLLLLLLL	3844.00	.21	.03	0	14	0.00	.10	.77
LLLLLLLLLL	3847.00	.25	.01	0	4	0.00	.12	.92
LLLLLLLLLL	3850.00	.32	0.00	0	0	0.00	.07	1.00
LLLLLLLLLL	3853.00	.39	.01	0	3	0.00	.15	.94
LLLLLLLLLL	3856.00	.22	.04	0	18	0.00	.21	.84
LLLLLLLLLL	3859.00	.22	.05	0	23	0.00	.21	.81
LLLLLLLLLL	3862.00	.19	.02	0	11	0.00	.05	.71
LLLLLLLLLL	3865.00	.28	.02	0	7	0.00	.03	.60
LLLLLLLLLL	3868.00	.36	.03	0	8	0.00	.05	.63