

Table 4.13 Aromatic GC/MS - calculated ratios using peak heights

Well name	Nation	Sample name	Upper depth	Lower depth	Sample type	Handwritten Headers					
						MPI 1	%Ro	MDR	MDR 1	MDR 2,3	MDR 4
34/7-29S	NOR	98017-25	1680	1680	Cuttings			ND	ND	ND	ND
34/7-29S	NOR	98017-32	1820	1820	Cuttings	0.56	0.73	ND	ND	ND	ND
34/7-29S	NOR	98017-56	2210	2210	Cuttings	0.58	0.75	7.36	0.42	1.07	3.12
34/7-29S	NOR	98017-62	2310	2310	Cuttings			ND	ND	ND	ND
34/7-29S	NOR	98017-69	2420	2420	Cuttings	0.54	0.73	ND	ND	ND	ND
34/7-29S	NOR	98017-71	2460	2460	Cuttings	0.71	0.82	ND	ND	ND	ND
34/7-29S	NOR	98017-80	2590	2590	Cuttings	0.67	0.80	ND	ND	ND	ND
34/7-29S	NOR	98017-86	2654	2654	Cuttings	0.54	0.72	4.14	0.46	0.81	1.90
34/7-29S	NOR	98017-110	2703	2703	Core	0.64	0.79	3.21	0.37	0.49	1.18
34/7-29S	NOR	98017-111	2703.2	2703.2	Core	0.66	0.79	ND	ND	ND	ND
34/7-29S	NOR	98017-113	2704.2	2704.2	Core	0.81	0.89	ND	ND	ND	ND
34/7-29S	NOR	98017-115	2706.3	2706.3	Core	0.69	0.81	2.96	0.50	0.59	1.47
34/7-29S	NOR	98017-117	2707.5	2707.5	Core	0.71	0.82	ND	ND	ND	ND
34/7-29S	NOR	98017-119	2709.4	2709.4	Core	0.68	0.81	ND	ND	ND	ND
34/7-29S	NOR	98017-121	2710.7	2710.7	Core	0.69	0.81	2.76	0.41	0.52	1.13
34/7-29S	NOR	98017-123	2712.2	2712.2	Core	0.66	0.79	ND	ND	ND	ND
34/7-29S	NOR	98017-125	2713.7	2713.7	Core	0.64	0.78	ND	ND	ND	ND
34/7-29S	NOR	98017-127	2715.6	2715.6	Core	0.66	0.80	3.22	0.45	0.53	1.44
34/7-29S	NOR	98017-129	2718.1	2718.1	Core	0.64	0.78	ND	ND	ND	ND
34/7-29S	NOR	98017-131	2720	2720	Core	0.65	0.79	2.97	0.33	0.42	0.97
34/7-29S	NOR	98017-94	2735	2735	Cuttings	0.58	0.75	ND	ND	ND	ND
34/7-29S	NOR	98017-100	2825	2825	Cuttings	0.45	0.67	ND	ND	ND	ND
34/7-29S	NOR	98017-104	2888	2888	Cuttings	0.46	0.68	ND	ND	ND	ND
34/7-29S	NOR	98017-142	MDT GA131		Oil	0.69	0.81	3.18	0.42	0.50	1.33
34/7-29S	NOR	98017-143	MDT GA143		Oil	0.65	0.79	3.15	0.45	0.54	1.42

- MPI 1 = 1.5\*(2MP+3MP)/(1MP+9MP+P)
- %Ro = 0.6 \* MPI 1 + 0.4
- MDR = 4MDBT/1MDBT
- MDR 1 = 1MDBT/DBT
- MDR 2,3 = 2,3MDBT/DBT
- MDR 4 = 4MDBT/DBT

**Table 5.1 Vitrinite reflectance data**

<b>Analysis type:</b>		Vitrinite reflectance (IFE ref.2.5.221.98)								
<b>Well:</b>		34/7-29S								
<b>Number of samples:</b>		19								
<b>Time period for analysis:</b>		dec-98								
<b>Analysis performed by:</b>		Kristine Aasgaard, Institutt for energiteknikk								
<b>Analysis ordered by:</b>		Saga Petroleum, Daniel Stoddart								
IFE sample code	Depth (mRKB)	Depth (mTVD)	Sample type	Lithology	Vitr. refl. (%Rm)	Stand. dev.	Number of readings	Sample description	Sample quality	Sample prep.
981440	1320	1287	DC	clyst/sst	0.31	0.05	20	ooo--+	M	HF
981441	1440	1400	DC	clyst/sst	0.32	0.05	22	ooo--+	M	HF
981442	1560	1513	DC	clyst/sst	0.38	0.07	18	ooo--+	M	HF
981443	1680	1627	DC	clyst	0.37	0.04	22	ooo--+	M	HF
981444	1800	1741	DC	clyst	0.36	0.06	6	-oo--o	P	HF
981445	1920	1858	DC	clyst	0.37	0.07	20	ooo--+	M	HF
981446	2050	1981	DC	clyst	0.34	0.05	21	ooo-o+	M	HF
981447	2170	2099	DC	clyst	0.38	0.05	21	ooo-o+	M	HF
981448	2290	2216	DC	clyst	0.40	0.05	21	ooo--+	M	HF
981449	2420	2345	DC	clyst	0.38	0.06	25	ooo-o+	M	HF
981450	2540	2463	DC	clyst	0.35	0.05	26	ooo--+	M	HF
981451	2654	2576	DC	clyst/sst	0.37	0.07	4	-oo--+	P	HF
981452	2699	2621	DC	clyst/sst	0.41	0.00	1	-ooooo	P	HF
981453	2721.75	2643	CORE	clyst/sst	0.34	0.05	20	ooooo+	G	bulk
981454	2723.02	2645	CORE	clyst/sst	0.37	0.06	20	oooooo	G	bulk
981455	2724.7	2646	CORE	clyst/sst	0.34	0.02	14	-±-oo+	P	bulk
981456	2780	2701	DC	clyst/sst	0.42	0.07	24	ooo--+	M	HF
981457	2843	2764	DC	clyst/sst	0.46	0.08	20	ooo-o+	M	HF
981458	2924	2845	DC	clyst/sst	0.45	0.06	20	ooo--+	M	HF