

TABLE 6-7

## ALKANE AND ALKENE COMPONENT ANALYSIS FROM PYROLYSIS-6C

Well name: YOLLA 1

Date: 1986

Sample: 2462-2471m

Carbon No.	---Alkane + Alkene---			-----Alkane-----			-----Alkene-----			Alkane/Alkene
	A	B	C	A	B	C	A	B	C	
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
5	4.974	2.7049	0.1197	2.980	1.6205	0.0717	1.994	1.0843	0.0480	1.49
6	3.410	1.8544	0.0821	1.270	0.6906	0.0306	2.140	1.1637	0.0515	0.59
7	2.453	1.3339	0.0590	1.198	0.6515	0.0288	1.255	0.6825	0.0302	0.95
8	1.991	1.0824	0.0479	0.791	0.4299	0.0190	1.200	0.6526	0.0289	0.66
9	1.514	0.8233	0.0364	0.717	0.3899	0.0173	0.797	0.4334	0.0192	0.90
10	1.456	0.7918	0.0350	0.636	0.3459	0.0153	0.820	0.4459	0.0197	0.78
11	1.290	0.7015	0.0310	0.693	0.3769	0.0167	0.597	0.3246	0.0144	1.16
12	1.204	0.6547	0.0290	0.632	0.3437	0.0152	0.572	0.3111	0.0138	1.10
13	1.026	0.5579	0.0247	0.578	0.3143	0.0139	0.448	0.2436	0.0108	1.29
14	0.934	0.5079	0.0225	0.551	0.2996	0.0133	0.383	0.2083	0.0092	1.44
15	1.019	0.5541	0.0245	0.494	0.2686	0.0119	0.525	0.2855	0.0126	0.94
16	0.751	0.4084	0.0181	0.458	0.2491	0.0110	0.293	0.1593	0.0071	1.56
17	1.026	0.5579	0.0247	0.598	0.3252	0.0144	0.428	0.2327	0.0103	1.40
18	0.740	0.4024	0.0178	0.450	0.2447	0.0108	0.290	0.1577	0.0070	1.55
19	0.619	0.3366	0.0149	0.337	0.1833	0.0081	0.282	0.1534	0.0068	1.20
20	0.641	0.3486	0.0154	0.336	0.1827	0.0081	0.305	0.1659	0.0073	1.10
21	0.745	0.4051	0.0179	0.399	0.2170	0.0096	0.346	0.1882	0.0083	1.15
22	0.633	0.3442	0.0152	0.346	0.1882	0.0083	0.287	0.1561	0.0069	1.21
23	0.556	0.3024	0.0134	0.292	0.1588	0.0070	0.264	0.1436	0.0064	1.11
24	0.534	0.2904	0.0128	0.327	0.1778	0.0079	0.207	0.1126	0.0050	1.58
25	0.565	0.3072	0.0136	0.358	0.1947	0.0086	0.207	0.1126	0.0050	1.73
26	0.407	0.2213	0.0098	0.260	0.1414	0.0063	0.147	0.0799	0.0035	1.77
27	0.362	0.1969	0.0087	0.244	0.1327	0.0059	0.118	0.0642	0.0028	2.07
28	0.272	0.1479	0.0065	0.182	0.0990	0.0044	0.090	0.0489	0.0022	2.02
29	0.208	0.1131	0.0050	0.155	0.0843	0.0037	0.053	0.0288	0.0013	2.92
30	0.072	0.0392	0.0017	0.072	0.0392	0.0017	nd	nd	nd	nd
31	0.118	0.0642	0.0028	0.118	0.0642	0.0028	nd	nd	nd	nd

nd = no data

A = % of S2

B = mg/g Rock

C = (mg/g Rock)/TOC