

TABLE 7: KEROGEN PYROLYSIS-GC DATA, KOORKAH-1

| Depth<br>m | Age        | HI  | C <sub>1</sub> -C <sub>4</sub><br>% | C <sub>5</sub> -C <sub>10</sub><br>% | C <sub>11+</sub><br>% | C <sub>1</sub> -C <sub>4</sub> |                    | Tol | m,p-Xyl |
|------------|------------|-----|-------------------------------------|--------------------------------------|-----------------------|--------------------------------|--------------------|-----|---------|
|            |            |     |                                     |                                      |                       | C <sub>5+</sub>                | n-C <sub>7:1</sub> |     |         |
| 1780-1789  | Eocene     | 312 | 52.0                                | 27.6                                 | 20.4                  | 1.08                           | 2.4                | 1.8 |         |
| 1924-1933  | Eocene     | 444 | 48.9                                | 27.4                                 | 23.7*                 | 0.96*                          | 2.4                | 1.6 |         |
| 1978-1987  | Eocene     | 228 | 53.5                                | 26.8                                 | 19.7*                 | 1.15*                          | 2.3                | 1.6 |         |
| 1996-2005  | Eocene     | 196 | 52.2                                | 28.3                                 | 19.5*                 | 1.09*                          | 2.2                | 1.6 |         |
| 2284-2293  | Paleocene  | 292 | 49.8                                | 30.6                                 | 19.5*                 | 0.99*                          | 2.0                | 1.3 |         |
| 2392-2401  | Paleocene  | 284 | 59.1                                | 25.8                                 | 15.1*                 | 1.44*                          | 2.1                | 1.6 |         |
| 2728       | Cretaceous | 202 | 61.3                                | 21.8                                 | 16.9*                 | 1.58*                          | 3.8                | 2.5 |         |

\*Corrected for contaminant peak at n-C<sub>16:0</sub>

%C<sub>1</sub>-C<sub>4</sub>, C<sub>5</sub>-C<sub>10</sub> and C<sub>11+</sub> = percentage of all compounds in the nominated carbon number ranges.

HI = hydrogen index (mg S<sub>2</sub>/g TOC)