

U-679

BA92-117-1
23 NOV 92
REGISTRATION
CLIENTS REFERENCE

| | |
|--------------------------------------------------------------|---------------------------------------------------------------------|
| REPORT: DATA REPORT Well NOCS 6507/6-2 | |
| CLIENT(S): Saga Petroleum a.s. Per Erling Johansen | |
| RESPONSIBLE SCIENTIST: Ian L. Ferriday | |
| DATE: 15.11.91 | GEOLAB PROJECT: 526151 CLIENTS REF: IO-AK-91-01986 |

SECTION 1: TABLES

1. Gas Data (a-c)
2. Lithology Description
3. Rock-Eval Table
4. Extraction Tables (a-d)
5. Saturated Hydrocarbon Ratios
6. Aromatic Hydrocarbon Ratios
7. Thermal Maturity Data
- 8a. Carbon Isotope Values for Headspace Gas
- 8b. Hydrogen Isotope Values for Headspace Methane
9. Isotope Analysis of C₁₅+ Fractions (a,b)
10. Oil Analysis, Gravity, Sulphur, Nickel and Vanadium content
11. Gas Chromatography - Mass Spectrometry (a-i)

SECTION 2: VITRINITE REFLECTANCE HISTOGRAMS

SECTION 3: GAS CHROMATOGRAMS

SECTION 4: GAS CHROMATOGRAPHY - MASS SPECTROMETRY

SECTION 5: ISOTOPE PLOTS (a,b)

SECTION 6: EXPERIMENTAL METHODS

| IC4 | IC4 | IC4 | IC4 | IC4 |
|------|-----|-----|-------|-----|
| 00.1 | 0.5 | 0.0 | 0.001 | |
| - | 0.1 | | | |
| 00.2 | 0.3 | 0.0 | 0.001 | |
| 00.4 | 0.3 | 0.0 | 0.001 | |
| 00.3 | 0.3 | | | |
| 00.5 | 0.3 | | | |
| 00.6 | 0.4 | 0.0 | 0.001 | |
| 00.8 | 0.3 | 0.0 | 0.001 | |
| 00.9 | 0.3 | 0.0 | 0.001 | |
| 01.0 | 0.3 | 0.0 | 0.001 | |
| 01.1 | 0.3 | 0.0 | 0.001 | |
| 01.2 | 0.3 | 0.0 | 0.001 | |
| 01.3 | 0.3 | 0.0 | 0.001 | |
| 01.4 | 0.3 | 0.0 | 0.001 | |
| 01.5 | 0.3 | 0.0 | 0.001 | |
| 01.6 | 0.3 | 0.0 | 0.001 | |
| 01.7 | 0.3 | 0.0 | 0.001 | |
| 01.8 | 0.3 | 0.0 | 0.001 | |
| 01.9 | 0.3 | 0.0 | 0.001 | |
| 02.0 | 0.3 | 0.0 | 0.001 | |

Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas
(μ l gas/kg rock)

Project: 6507/6-2
Well: NOCS 6507/6-2

Depth unit of measure: m

* Indicated values in ml gas/kg rock

| Depth | C1 | C2 | C3 | iC4 | nC4 | C5+ | sum | sum | %wet ness | iC4 |
|---------|--------|-------|-------|------|------|-------|--------|-------|--------------|------|
| | | | | | | | C1-C4 | C2-C4 | | --- |
| | | | | | | | | | | nC4 |
| 1420.00 | 9001 | 12 | 6 | 1 | 1 | 4 | 9021 | 20 | 0.2 | 1.00 |
| 1450.00 | 2513 | 2 | 1 | - | - | - | 2516 | 3 | 0.1 | - |
| 1480.00 | 195851 | 156 | 100 | 70 | 13 | 83 | 196190 | 339 | 0.2 | 5.38 |
| 1510.00 | 49877 | 47 | 37 | 20 | 5 | 21 | 49986 | 109 | 0.2 | 4.00 |
| 1540.00 | 94758 | 107 | 82 | 42 | 11 | 46 | 95000 | 242 | 0.3 | 3.82 |
| 1570.00 | 87425 | 120 | 83 | 35 | 11 | 112 | 87674 | 249 | 0.3 | 3.18 |
| 1600.00 | 151840 | 284 | 275 | 81 | 39 | 127 | 152519 | 679 | 0.5 | 2.08 |
| 1630.00 | 281627 | 415 | 443 | 97 | 57 | 363 | 282639 | 1012 | 0.4 | 1.70 |
| 1650.00 | 41381 | 86 | 107 | 39 | 13 | 45 | 41626 | 245 | 0.6 | 3.00 |
| 2500.00 | 16920 | 1579 | 2012 | 1115 | 1133 | 2600 | 22759 | 5839 | 25.7 | 0.98 |
| 2520.00 | 5821 | 446 | 416 | 233 | 230 | 735 | 7146 | 1325 | 18.5 | 1.01 |
| 2540.00 | 1052 | 108 | 147 | 102 | 126 | 408 | 1535 | 483 | 31.5 | 0.81 |
| 2560.00 | 9969 | 1178 | 867 | 348 | 3774 | 1501 | 16136 | 6167 | 38.2 | 0.09 |
| 2580.00 | 82957 | 12429 | 17895 | 8460 | 8607 | 15645 | 130348 | 47391 | 36.4 | 0.98 |
| 2600.00 | 13365 | 2005 | 2210 | 838 | 886 | 1172 | 19304 | 5939 | 30.8 | 0.95 |
| 2620.00 | 13619 | 2783 | 4052 | 1429 | 1124 | 868 | 23007 | 9388 | 40.8 | 1.27 |
| 2640.00 | 15755 | 2851 | 2324 | 641 | 703 | 580 | 22274 | 6519 | 29.3 | 0.91 |
| 2660.00 | 31051 | 6894 | 8276 | 2663 | 3376 | 2956 | 52260 | 21209 | 40.6 | 0.79 |
| 2680.00 | 129 | 247 | 300 | 103 | 126 | 112 | 905 | 776 | 85.8 | 0.82 |
| 2700.00 | 5663 | 1343 | 2214 | 906 | 1319 | 1914 | 11445 | 5782 | 50.5 | 0.69 |
| 2720.00 | 532 | 111 | 147 | 53 | 93 | 254 | 936 | 404 | 43.2 | 0.57 |
| 2740.00 | 3411 | 735 | 1018 | 282 | 496 | 1446 | 5942 | 2531 | 42.6 | 0.57 |
| 2760.00 | 7746 | 3333 | 3944 | 1140 | 1875 | 5148 | 18038 | 10292 | 57.1 | 0.61 |

Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas
(μ l gas/kg rock)

Project: 6507/6-2

Well: NOCS 6507/6-2

Depth unit of measure: m

* Indicated values in ml gas/kg rock

| Depth | C1 | C2 | C3 | iC4 | nC4 | C5+ | sum C1-C4 | sum C2-C4 | %wet. ness | iC4 --- nC4 |
|---------|-------|------|-------|------|------|-------|--------------|--------------|---------------|-------------------|
| 2780.00 | 5730 | 1450 | 951 | 200 | 325 | 655 | 8656 | 2926 | 33.8 | 0.62 |
| 2800.00 | 1772 | 743 | 1059 | 289 | 537 | 1575 | 4400 | 2628 | 59.7 | 0.54 |
| 2820.00 | 5742 | 2193 | 2557 | 724 | 1171 | 3938 | 12387 | 6645 | 53.6 | 0.62 |
| 2840.00 | 1871 | 648 | 966 | 374 | 640 | 2816 | 4499 | 2628 | 58.4 | 0.58 |
| 2860.00 | 5999 | 2257 | 1884 | 399 | 663 | 1660 | 11202 | 5203 | 46.5 | 0.60 |
| 2880.00 | 20335 | 7035 | 10731 | 3857 | 6741 | 26184 | 48699 | 28364 | 58.2 | 0.57 |
| 2900.00 | 13468 | 5442 | 8408 | 2791 | 4752 | 13900 | 34861 | 21393 | 61.4 | 0.59 |
| 2920.00 | 4095 | 1461 | 1829 | 493 | 804 | 2335 | 8682 | 4587 | 52.8 | 0.61 |
| 2940.00 | 9139 | 3580 | 3938 | 1134 | 1973 | 5093 | 19764 | 10625 | 53.8 | 0.57 |
| 2960.00 | 2388 | 469 | 722 | 245 | 474 | 2122 | 4298 | 1910 | 44.4 | 0.52 |
| 2980.00 | 2031 | 496 | 703 | 203 | 349 | 1630 | 3782 | 1751 | 46.3 | 0.58 |
| 3000.00 | 1528 | 276 | 312 | 87 | 142 | 402 | 2345 | 817 | 34.8 | 0.61 |
| 3020.00 | 1922 | 237 | 286 | 69 | 224 | 995 | 2738 | 816 | 29.8 | 0.31 |
| 3040.00 | 4062 | 533 | 472 | 41 | 168 | 445 | 5276 | 1214 | 23.0 | 0.24 |
| 3060.00 | 5279 | 517 | 495 | 31 | 177 | 436 | 6499 | 1220 | 18.8 | 0.18 |
| 3080.00 | 10471 | 1062 | 860 | 38 | 245 | 310 | 12676 | 2205 | 17.4 | 0.16 |
| 3100.00 | 10897 | 1334 | 1133 | 51 | 276 | 158 | 13691 | 2794 | 20.4 | 0.18 |
| 3120.00 | 4316 | 660 | 1059 | 122 | 610 | 1086 | 6767 | 2451 | 36.2 | 0.20 |
| 3140.00 | 2976 | 480 | 547 | 46 | 184 | 101 | 4233 | 1257 | 29.7 | 0.25 |
| 3157.00 | 20019 | 2839 | 3189 | 362 | 1161 | 617 | 27570 | 7551 | 27.4 | 0.31 |
| 3175.00 | 24442 | 2224 | 2675 | 484 | 1386 | 1815 | 31211 | 6769 | 21.7 | 0.35 |
| 3193.00 | 23262 | 3454 | 3587 | 699 | 1749 | 1510 | 32751 | 9489 | 29.0 | 0.40 |
| 3211.00 | 25191 | 4445 | 4856 | 806 | 2180 | 1271 | 37478 | 12287 | 32.8 | 0.37 |

Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas
(μ l gas/kg rock)

Project: 6507/6-2
Well: NOCS 6507/6-2
Depth unit of measure: m

* Indicated values in ml gas/kg rock

| Depth | C1 | C2 | C3 | iC4 | nC4 | C5+ | sum C1-C4 | sum C2-C4 | %wet. ness | iC4 nC4 |
|---------|-------|-------|-------|-------|-------|-------|--------------|--------------|---------------|------------|
| 3229.00 | 15816 | 3090 | 3676 | 596 | 1716 | 908 | 24894 | 9078 | 36.5 | 0.35 |
| 3247.00 | 8882 | 1101 | 1973 | 342 | 1178 | 832 | 13476 | 4594 | 34.1 | 0.29 |
| 3265.00 | 10945 | 1154 | 1573 | 214 | 607 | 352 | 14493 | 3548 | 24.5 | 0.35 |
| 3283.00 | 16914 | 1755 | 2190 | 291 | 781 | 521 | 21931 | 5017 | 22.9 | 0.37 |
| 3310.00 | 54942 | 3845 | 4389 | 463 | 1193 | 983 | 64832 | 9890 | 15.3 | 0.39 |
| 3328.00 | 30 | 8 | 19 | 2 | 8 | 16 | 67 | 37 | 55.2 | 0.25 |
| 3346.00 | 52348 | 4631 | 6855 | 760 | 1619 | 570 | 66213 | 13865 | 20.9 | 0.47 |
| 3364.00 | 22771 | 3537 | 10050 | 2023 | 5628 | 8232 | 44009 | 21238 | 48.3 | 0.36 |
| 3382.00 | 17773 | 2830 | 10835 | 3081 | 8171 | 11859 | 42690 | 24917 | 58.4 | 0.38 |
| 3409.00 | 73703 | 14166 | 52839 | 12171 | 33093 | 34546 | 185972 | 112* | 60.4 | 0.37 |
| 3427.00 | 10250 | 3030 | 11528 | 2869 | 7523 | 9696 | 35200 | 24950 | 70.9 | 0.38 |
| 3445.00 | 701 | 153 | 755 | 258 | 683 | 1063 | 2550 | 1849 | 72.5 | 0.38 |
| 3463.00 | 712 | 203 | 875 | 244 | 244 | 665 | 2278 | 1566 | 68.7 | 1.00 |
| 3481.00 | 3252 | 509 | 1989 | 886 | 1720 | 2562 | 8356 | 5104 | 61.1 | 0.52 |
| 3499.00 | 1097 | 270 | 1038 | 284 | 787 | 1117 | 3476 | 2379 | 68.4 | 0.36 |
| 3517.00 | 783 | 262 | 1168 | 277 | 741 | 788 | 3231 | 2448 | 75.8 | 0.37 |
| 3535.00 | 1460 | 401 | 1154 | 156 | 427 | 290 | 3598 | 2138 | 59.4 | 0.37 |
| 3553.00 | 6 | 1 | 3 | - | 1 | - | 11 | 5 | 45.5 | - |
| 3571.00 | 312 | 68 | 126 | 26 | 100 | 320 | 632 | 320 | 50.6 | 0.26 |
| 3589.00 | 1558 | 725 | 1858 | 202 | 481 | 298 | 4824 | 3266 | 67.7 | 0.42 |
| 3607.00 | 1740 | 852 | 2459 | 290 | 681 | 478 | 6022 | 4282 | 71.1 | 0.43 |
| 3625.00 | 1630 | 847 | 2023 | 218 | 469 | 297 | 5187 | 3557 | 68.6 | 0.46 |
| 3643.00 | 3389 | 1130 | 1876 | 164 | 348 | 215 | 6907 | 3518 | 50.9 | 0.47 |

Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas
(μ l gas/kg rock)

Project: 6507/6-2

Well: NOCS 6507/6-2

Depth unit of measure: m

* Indicated values in ml gas/kg rock

| Depth | C1 | C2 | C3 | iC4 | nC4 | C5+ | sum C1-C4 | sum C2-C4 | %wet ness | iC4 --- nC4 |
|---------|-------|------|------|-----|------|------|--------------|--------------|--------------|-------------------|
| 3661.00 | 4436 | 1402 | 1912 | 157 | 336 | 208 | 8243 | 3807 | 46.2 | 0.47 |
| 3679.00 | 4402 | 1464 | 2044 | 164 | 347 | 213 | 8421 | 4019 | 47.7 | 0.47 |
| 3697.00 | 2296 | 755 | 1251 | 114 | 269 | 163 | 4685 | 2389 | 51.0 | 0.42 |
| 3715.00 | 1141 | 538 | 938 | 132 | 206 | 175 | 2955 | 1814 | 61.4 | 0.64 |
| 3724.00 | 1812 | 522 | 1009 | 124 | 325 | 777 | 3792 | 1980 | 52.2 | 0.38 |
| 3733.00 | 541 | 141 | 270 | 39 | 91 | 114 | 1082 | 541 | 50.0 | 0.43 |
| 3769.00 | 269 | 87 | 89 | 15 | 37 | 68 | 497 | 228 | 45.9 | 0.41 |
| 3805.00 | 924 | 204 | 288 | 47 | 140 | 180 | 1603 | 679 | 42.4 | 0.34 |
| 3841.00 | 115 | 26 | 46 | 6 | 24 | 43 | 217 | 102 | 47.0 | 0.25 |
| 3877.00 | 785 | 247 | 726 | 231 | 893 | 3118 | 2882 | 2097 | 72.8 | 0.26 |
| 3913.00 | 900 | 236 | 786 | 316 | 1243 | 4280 | 3481 | 2581 | 74.2 | 0.25 |
| 3952.00 | 103 | 39 | 128 | 38 | 140 | 364 | 448 | 345 | 77.0 | 0.27 |
| 3988.00 | 95 | 20 | 48 | 12 | 40 | 81 | 215 | 120 | 55.8 | 0.30 |
| 4024.00 | 127 | 46 | 230 | 62 | 277 | 704 | 742 | 615 | 82.9 | 0.22 |
| 4060.00 | 613 | 238 | 337 | 35 | 111 | 110 | 1334 | 721 | 54.1 | 0.32 |
| 4096.00 | 666 | 162 | 208 | 29 | 85 | 140 | 1150 | 484 | 42.1 | 0.34 |
| 4132.00 | 487 | 182 | 345 | 41 | 135 | 210 | 1190 | 703 | 59.1 | 0.30 |
| 4168.00 | 15048 | 1929 | 882 | 66 | 121 | 75 | 18046 | 2998 | 16.6 | 0.55 |
| 4204.00 | 8334 | 1512 | 789 | 52 | 125 | 104 | 10812 | 2478 | 22.9 | 0.42 |
| 4240.00 | 8129 | 1674 | 951 | 84 | 160 | 129 | 10998 | 2869 | 26.1 | 0.52 |
| 4276.00 | 9663 | 1981 | 826 | 63 | 99 | 18 | 12632 | 2969 | 23.5 | 0.64 |
| 4312.00 | 10930 | 1249 | 424 | 37 | 58 | 49 | 12698 | 1768 | 13.9 | 0.64 |
| 4348.00 | 17532 | 2021 | 752 | 62 | 125 | 234 | 20492 | 2960 | 14.4 | 0.50 |

Table 1a: C1 to C7 hydrocarbons in HEADSPACE gas
(μ l gas/kg rock)

Project: 6507/6-2

Well: NOCS 6507/6-2

Depth unit of measure: m

* Indicated values in ml gas/kg rock

| Depth | C1 | C2 | C3 | iC4 | nC4 | C5+ | sum C1-C4 | sum C2-C4 | %wet- ness | iC4 nC4 |
|---------|--------|-------|------|-----|-----|-----|--------------|--------------|---------------|------------|
| 4354.00 | 103523 | 11121 | 4180 | 379 | 672 | 744 | 119875 | 16352 | 13.6 | 0.56 |

Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
(μ l gas/kg rock)

Project: 6507/6-2

Well: NOCS 6507/6-2

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

| Depth | C1 | C2 | C3 | iC4 | nC4 | C5+ | sum C1-C4 | sum C2-C4 | %wet- ness | iC4 nC4 |
|---------|-----|----|-----|-----|-----|-----|--------------|--------------|---------------|------------|
| 1420.00 | 145 | 13 | 16 | 1 | 6 | 6 | 181 | 36 | 19.9 | 0.17 |
| 1450.00 | 116 | 9 | 11 | 1 | 5 | 10 | 142 | 26 | 18.3 | 0.20 |
| 1480.00 | 114 | 22 | 10 | 2 | 3 | 14 | 151 | 37 | 24.5 | 0.67 |
| 1510.00 | 120 | 7 | 4 | - | 1 | 10 | 132 | 12 | 9.1 | - |
| 1540.00 | 70 | 4 | 2 | 1 | 1 | 6 | 78 | 8 | 10.3 | 1.00 |
| 1570.00 | 120 | 3 | 2 | 1 | 1 | 18 | 127 | 7 | 5.5 | 1.00 |
| 1600.00 | 120 | 3 | 1 | - | 1 | 5 | 125 | 5 | 4.0 | - |
| 1630.00 | 69 | 2 | 2 | 1 | 1 | 6 | 75 | 6 | 8.0 | 1.00 |
| 1650.00 | 100 | 2 | 1 | 1 | 1 | 3 | 105 | 5 | 4.8 | 1.00 |
| 2500.00 | 4 | - | 1 | 1 | 2 | 19 | 8 | 4 | 50.0 | 0.50 |
| 2520.00 | 18 | 5 | 18 | 19 | 33 | 196 | 93 | 75 | 80.7 | 0.58 |
| 2540.00 | 22 | 3 | 5 | 7 | 14 | 211 | 51 | 29 | 56.9 | 0.50 |
| 2560.00 | 25 | 5 | 10 | 8 | 15 | 117 | 63 | 38 | 60.3 | 0.53 |
| 2580.00 | 24 | 7 | 29 | 23 | 42 | 103 | 125 | 101 | 80.8 | 0.55 |
| 2600.00 | 45 | 13 | 39 | 28 | 51 | 103 | 176 | 131 | 74.4 | 0.55 |
| 2620.00 | 52 | 9 | 38 | 26 | 48 | 116 | 173 | 121 | 69.9 | 0.54 |
| 2640.00 | 47 | 23 | 101 | 56 | 104 | 206 | 331 | 284 | 85.8 | 0.54 |
| 2660.00 | 54 | 19 | 99 | 63 | 121 | 384 | 356 | 302 | 84.8 | 0.52 |
| 2680.00 | 84 | 16 | 55 | 29 | 69 | 222 | 253 | 169 | 66.8 | 0.42 |
| 2700.00 | 110 | 9 | 29 | 13 | 45 | 227 | 206 | 96 | 46.6 | 0.29 |
| 2720.00 | 99 | 7 | 16 | 10 | 29 | 259 | 161 | 62 | 38.5 | 0.34 |
| 2740.00 | 35 | 9 | 44 | 28 | 78 | 507 | 194 | 159 | 82.0 | 0.36 |
| 2760.00 | 60 | 22 | 93 | 39 | 112 | 637 | 326 | 266 | 81.6 | 0.35 |

Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
(μ l gas/kg rock)

Project: 6507/6-2

Well: NOCS 6507/6-2

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

| Depth | C1 | C2 | C3 | iC4 | nC4 | C5+ | sum C1-C4 | sum C2-C4 | %wet- ness | iC4 --- nC4 |
|---------|------|------|------|------|------|------|--------------|--------------|---------------|-------------------|
| 2780.00 | 90 | 37 | 83 | 24 | 71 | 297 | 305 | 215 | 70.5 | 0.34 |
| 2800.00 | 78 | 7 | 21 | 9 | 34 | 141 | 149 | 71 | 47.7 | 0.26 |
| 2820.00 | 89 | 18 | 46 | 16 | 49 | 386 | 218 | 129 | 59.2 | 0.33 |
| 2840.00 | 107 | 10 | 18 | 11 | 38 | 470 | 184 | 77 | 41.9 | 0.29 |
| 2860.00 | 54 | 17 | 87 | 53 | 149 | 942 | 360 | 306 | 85.0 | 0.36 |
| 2880.00 | 40 | 10 | 49 | 45 | 137 | 2993 | 281 | 241 | 85.8 | 0.33 |
| 2900.00 | 36 | 16 | 107 | 75 | 229 | 2974 | 463 | 427 | 92.2 | 0.33 |
| 2920.00 | 39 | 22 | 110 | 57 | 174 | 1548 | 402 | 363 | 90.3 | 0.33 |
| 2940.00 | 35 | 27 | 128 | 60 | 197 | 1400 | 447 | 412 | 92.2 | 0.30 |
| 2960.00 | 25 | 4 | 13 | 7 | 31 | 201 | 80 | 55 | 68.8 | 0.23 |
| 2980.00 | 32 | 5 | 17 | 8 | 35 | 219 | 97 | 65 | 67.0 | 0.23 |
| 3000.00 | 48 | 8 | 13 | 5 | 18 | 114 | 92 | 44 | 47.8 | 0.28 |
| 3020.00 | 32 | 6 | 13 | 3 | 16 | 64 | 70 | 38 | 54.3 | 0.19 |
| 3040.00 | 24 | 8 | 26 | 2 | 17 | 23 | 77 | 53 | 68.8 | 0.12 |
| 3060.00 | 38 | 8 | 23 | 2 | 18 | 23 | 89 | 51 | 57.3 | 0.11 |
| 3080.00 | 40 | 13 | 42 | 5 | 31 | 44 | 131 | 91 | 69.5 | 0.16 |
| 3100.00 | 75 | 9 | 20 | 2 | 18 | 106 | 124 | 49 | 39.5 | 0.11 |
| 3120.00 | 50 | 6 | 17 | 2 | 15 | 71 | 90 | 40 | 44.4 | 0.13 |
| 3140.00 | 26 | 15 | 80 | 9 | 69 | 61 | 199 | 173 | 86.9 | 0.13 |
| 3157.00 | 72 | 29 | 136 | 23 | 138 | 106 | 398 | 326 | 81.9 | 0.17 |
| 3175.00 | 38 | 27 | 124 | 29 | 133 | 143 | 351 | 313 | 89.2 | 0.22 |
| 3193.00 | 1290 | 1421 | 4504 | 1472 | 4622 | 8314 | 13309 | 12019 | 90.3 | 0.32 |
| 3211.00 | 975 | 1140 | 3685 | 1022 | 3431 | 4456 | 10253 | 9278 | 90.5 | 0.30 |

Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
(μ l gas/kg rock)

Project: 6507/6-2

Well: NOCS 6507/6-2

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

| Depth | C1 | C2 | C3 | iC4 | nC4 | C5+ | sum C1-C4 | sum C2-C4 | %wet: ness: | iC4 --- nC4 |
|---------|------|------|------|------|------|------|--------------|--------------|----------------|-------------------|
| 3229.00 | 990 | 1161 | 3661 | 841 | 3027 | 2074 | 9680 | 8690 | 89.8 | 0.28 |
| 3247.00 | 641 | 640 | 2753 | 659 | 2468 | 1522 | 7161 | 6520 | 91.1 | 0.27 |
| 3265.00 | 2285 | 1787 | 6178 | 1288 | 4058 | 3939 | 15596 | 13311 | 85.4 | 0.32 |
| 3283.00 | 2882 | 1788 | 5524 | 999 | 2964 | 2604 | 14157 | 11275 | 79.6 | 0.34 |
| 3310.00 | 2220 | 1299 | 3777 | 554 | 1557 | 630 | 9407 | 7187 | 76.4 | 0.36 |
| 3328.00 | 18 | 2 | 8 | 5 | 17 | 92 | 50 | 32 | 64.0 | 0.29 |
| 3346.00 | 611 | 591 | 2471 | 310 | 1208 | 696 | 5191 | 4580 | 88.2 | 0.26 |
| 3364.00 | 194 | 32 | 261 | 94 | 395 | 624 | 976 | 782 | 80.1 | 0.24 |
| 3382.00 | 177 | 36 | 330 | 149 | 635 | 1228 | 1327 | 1150 | 86.7 | 0.23 |
| 3409.00 | 131 | 31 | 371 | 118 | 520 | 580 | 1171 | 1040 | 88.8 | 0.23 |
| 3427.00 | 59 | 38 | 535 | 197 | 819 | 1056 | 1648 | 1589 | 96.4 | 0.24 |
| 3445.00 | 56 | 13 | 130 | 71 | 298 | 591 | 568 | 512 | 90.1 | 0.24 |
| 3463.00 | 161 | 34 | 255 | 130 | 516 | 1365 | 1096 | 935 | 85.3 | 0.25 |
| 3481.00 | 153 | 12 | 50 | 28 | 120 | 512 | 363 | 210 | 57.9 | 0.23 |
| 3499.00 | 102 | 34 | 261 | 100 | 399 | 689 | 896 | 794 | 88.6 | 0.25 |
| 3517.00 | 152 | 69 | 586 | 177 | 817 | 1195 | 1801 | 1649 | 91.6 | 0.22 |
| 3535.00 | 177 | 48 | 396 | 84 | 361 | 481 | 1066 | 889 | 83.4 | 0.23 |
| 3553.00 | 343 | 248 | 1148 | 199 | 660 | 571 | 2598 | 2255 | 86.8 | 0.30 |
| 3571.00 | 47 | 72 | 625 | 99 | 388 | 312 | 1231 | 1184 | 96.2 | 0.26 |
| 3589.00 | 45 | 118 | 898 | 114 | 456 | 228 | 1631 | 1586 | 97.2 | 0.25 |
| 3607.00 | 45 | 95 | 798 | 105 | 444 | 387 | 1487 | 1442 | 97.0 | 0.24 |
| 3625.00 | 44 | 127 | 853 | 95 | 367 | 161 | 1486 | 1442 | 97.0 | 0.26 |
| 3643.00 | 62 | 143 | 656 | 77 | 290 | 234 | 1228 | 1166 | 95.0 | 0.27 |

Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
(μ l gas/kg rock)

Project: 6507/6-2

Well: NOCS 6507/6-2

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

| Depth | C1 | C2 | C3 | iC4 | nC4 | C5+ | sum C1-C4 | sum C2-C4 | %wet- ness | iC4 --- nC4 |
|---------|------|------|------|-----|-----|------|--------------|--------------|---------------|-------------------|
| 3661.00 | 213 | 345 | 1277 | 122 | 461 | 323 | 2418 | 2205 | 91.2 | 0.26 |
| 3679.00 | 619 | 398 | 1618 | 153 | 634 | 444 | 3422 | 2803 | 81.9 | 0.24 |
| 3697.00 | 194 | 142 | 622 | 59 | 257 | 186 | 1274 | 1080 | 84.8 | 0.23 |
| 3715.00 | 137 | 156 | 646 | 66 | 287 | 241 | 1292 | 1155 | 89.4 | 0.23 |
| 3724.00 | 354 | 69 | 228 | 29 | 146 | 173 | 826 | 472 | 57.1 | 0.20 |
| 3733.00 | 170 | 14 | 59 | 12 | 65 | 106 | 320 | 150 | 46.9 | 0.18 |
| 3769.00 | 249 | 149 | 260 | 62 | 279 | 802 | 999 | 750 | 75.1 | 0.22 |
| 3805.00 | 286 | 48 | 112 | 13 | 104 | 127 | 563 | 277 | 49.2 | 0.13 |
| 3841.00 | 135 | 12 | 7 | 1 | 5 | 31 | 160 | 25 | 15.6 | 0.20 |
| 3877.00 | 96 | 8 | 27 | 15 | 81 | 795 | 227 | 131 | 57.7 | 0.19 |
| 3913.00 | 78 | 9 | 53 | 43 | 232 | 2262 | 415 | 337 | 81.2 | 0.19 |
| 3952.00 | 219 | 12 | 42 | 18 | 107 | 925 | 398 | 179 | 45.0 | 0.17 |
| 3988.00 | 195 | 12 | 20 | 10 | 58 | 715 | 295 | 100 | 33.9 | 0.17 |
| 4024.00 | 74 | 4 | 18 | 7 | 48 | 348 | 151 | 77 | 51.0 | 0.15 |
| 4060.00 | 1749 | 251 | 630 | 89 | 549 | 1100 | 3268 | 1519 | 46.5 | 0.16 |
| 4096.00 | 266 | 108 | 199 | 19 | 114 | 194 | 706 | 440 | 62.3 | 0.17 |
| 4132.00 | 94 | 68 | 143 | 14 | 83 | 134 | 402 | 308 | 76.6 | 0.17 |
| 4168.00 | 2080 | 1745 | 1474 | 96 | 386 | 185 | 5781 | 3701 | 64.0 | 0.25 |
| 4204.00 | 734 | 798 | 633 | 39 | 152 | 104 | 2356 | 1622 | 68.9 | 0.26 |
| 4240.00 | 1095 | 1969 | 1853 | 119 | 380 | 152 | 5416 | 4321 | 79.8 | 0.31 |
| 4276.00 | 5464 | 8271 | 5134 | 365 | 706 | 137 | 19940 | 14476 | 72.6 | 0.52 |
| 4312.00 | 2761 | 1241 | 525 | 46 | 75 | 31 | 4648 | 1887 | 40.6 | 0.61 |
| 4348.00 | 8114 | 3611 | 1758 | 136 | 361 | 147 | 13980 | 5866 | 42.0 | 0.38 |

Table 1b: C1 to C7 hydrocarbons in CUTTINGS gas
(μ l gas/kg rock)

Project: 6507/6-2

Well: NOCS 6507/6-2

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

| Depth | C1 | C2 | C3 | iC4 | nC4 | C5+ | sum C1-C4 | sum C2-C4 | %wet ness | iC4 nC4 |
|---------|------|------|------|-----|-----|-----|--------------|--------------|--------------|------------|
| 4354.00 | 6415 | 4127 | 2604 | 191 | 527 | 248 | 13864 | 7449 | 53.7 | 0.36 |

Table 1c: C1 to C7 hydrocarbons in HEADSPACE and CUTTINGS gas
(μ l gas/kg rock)

Project: 6507/6-2

Well: NOCS 6507/6-2

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

| Depth | C1 | C2 | C3 | iC4 | nC4 | C5+ | sum C1-C4 | sum C2-C4 | %wet ness | iC4 --- nC4 |
|---------|--------|-------|-------|------|------|-------|--------------|--------------|--------------|-------------------|
| 1420.00 | 9146 | 25 | 22 | 2 | 7 | 10 | 9202 | 56 | 0.6 | 0.29 |
| 1450.00 | 2629 | 11 | 12 | 1 | 5 | 10 | 2658 | 29 | 1.1 | 0.20 |
| 1480.00 | 195965 | 178 | 110 | 72 | 16 | 97 | 196341 | 376 | 0.2 | 4.50 |
| 1510.00 | 49997 | 54 | 41 | 20 | 6 | 31 | 50118 | 121 | 0.2 | 3.33 |
| 1540.00 | 94828 | 111 | 84 | 43 | 12 | 52 | 95078 | 250 | 0.3 | 3.58 |
| 1570.00 | 87545 | 123 | 85 | 36 | 12 | 130 | 87801 | 256 | 0.3 | 3.00 |
| 1600.00 | 151960 | 287 | 276 | 81 | 40 | 132 | 152644 | 684 | 0.5 | 2.03 |
| 1630.00 | 281696 | 417 | 445 | 98 | 58 | 369 | 282714 | 1018 | 0.4 | 1.69 |
| 1650.00 | 41481 | 88 | 108 | 40 | 14 | 48 | 41731 | 250 | 0.6 | 2.86 |
| 2500.00 | 16924 | 1579 | 2013 | 1116 | 1135 | 2619 | 22767 | 5843 | 25.7 | 0.98 |
| 2520.00 | 5839 | 451 | 434 | 252 | 263 | 931 | 7239 | 1400 | 19.3 | 0.96 |
| 2540.00 | 1074 | 111 | 152 | 109 | 140 | 619 | 1586 | 512 | 32.3 | 0.78 |
| 2560.00 | 9994 | 1183 | 877 | 356 | 3789 | 1618 | 16199 | 6205 | 38.3 | 0.09 |
| 2580.00 | 82981 | 12436 | 17924 | 8483 | 8649 | 15748 | 130473 | 47492 | 36.4 | 0.98 |
| 2600.00 | 13410 | 2018 | 2249 | 866 | 937 | 1275 | 19480 | 6070 | 31.2 | 0.92 |
| 2620.00 | 13671 | 2792 | 4090 | 1455 | 1172 | 984 | 23180 | 9509 | 41.0 | 1.24 |
| 2640.00 | 15802 | 2874 | 2425 | 697 | 807 | 786 | 22605 | 6803 | 30.1 | 0.86 |
| 2660.00 | 31105 | 6913 | 8375 | 2726 | 3497 | 3340 | 52616 | 21511 | 40.9 | 0.78 |
| 2680.00 | 213 | 263 | 355 | 132 | 195 | 334 | 1158 | 945 | 81.6 | 0.68 |
| 2700.00 | 5773 | 1352 | 2243 | 919 | 1364 | 2141 | 11651 | 5878 | 50.5 | 0.67 |
| 2720.00 | 631 | 118 | 163 | 63 | 122 | 513 | 1097 | 466 | 42.5 | 0.52 |
| 2740.00 | 3446 | 744 | 1062 | 310 | 574 | 1953 | 6136 | 2690 | 43.8 | 0.54 |

Table 1c: C1 to C7 hydrocarbons in HEADSPACE and CUTTINGS gas
(μ l gas/kg rock)

Project: 6507/6-2

Well: NOCS 6507/6-2

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

| Depth | C1 | C2 | C3 | iC4 | nC4 | C5+ | sum C1-C4 | sum C2-C4 | %wet ness | iC4 --- nC4 |
|---------|-------|------|-------|------|------|-------|--------------|--------------|--------------|-------------------|
| 2760.00 | 7806 | 3355 | 4037 | 1179 | 1987 | 5785 | 18364 | 10558 | 57.5 | 0.59 |
| 2780.00 | 5820 | 1487 | 1034 | 224 | 396 | 952 | 8961 | 3141 | 35.1 | 0.57 |
| 2800.00 | 1850 | 750 | 1080 | 298 | 571 | 1716 | 4549 | 2699 | 59.3 | 0.52 |
| 2820.00 | 5831 | 2211 | 2603 | 740 | 1220 | 4324 | 12605 | 6774 | 53.7 | 0.61 |
| 2840.00 | 1978 | 658 | 984 | 385 | 678 | 3286 | 4683 | 2705 | 57.8 | 0.57 |
| 2860.00 | 6053 | 2274 | 1971 | 452 | 812 | 2602 | 11562 | 5509 | 47.7 | 0.56 |
| 2880.00 | 20375 | 7045 | 10780 | 3902 | 6878 | 29177 | 48980 | 28605 | 58.4 | 0.57 |
| 2900.00 | 13504 | 5458 | 8515 | 2866 | 4981 | 16874 | 35324 | 21820 | 61.8 | 0.58 |
| 2920.00 | 4134 | 1483 | 1939 | 550 | 978 | 3883 | 9084 | 4950 | 54.5 | 0.56 |
| 2940.00 | 9174 | 3607 | 4066 | 1194 | 2170 | 6493 | 20211 | 11037 | 54.6 | 0.55 |
| 2960.00 | 2413 | 473 | 735 | 252 | 505 | 2323 | 4378 | 1965 | 44.9 | 0.50 |
| 2980.00 | 2063 | 501 | 720 | 211 | 384 | 1849 | 3879 | 1816 | 46.8 | 0.55 |
| 3000.00 | 1576 | 284 | 325 | 92 | 160 | 516 | 2437 | 861 | 35.3 | 0.57 |
| 3020.00 | 1954 | 243 | 299 | 72 | 240 | 1059 | 2808 | 854 | 30.4 | 0.30 |
| 3040.00 | 4086 | 541 | 498 | 43 | 185 | 468 | 5353 | 1267 | 23.7 | 0.23 |
| 3060.00 | 5317 | 525 | 518 | 33 | 195 | 459 | 6588 | 1271 | 19.3 | 0.17 |
| 3080.00 | 10511 | 1075 | 902 | 43 | 276 | 354 | 12807 | 2296 | 17.9 | 0.16 |
| 3100.00 | 10972 | 1343 | 1153 | 53 | 294 | 264 | 13815 | 2843 | 20.6 | 0.18 |
| 3120.00 | 4366 | 666 | 1076 | 124 | 625 | 1157 | 6857 | 2491 | 36.3 | 0.20 |
| 3140.00 | 3002 | 495 | 627 | 55 | 253 | 162 | 4432 | 1430 | 32.3 | 0.22 |
| 3157.00 | 20091 | 2868 | 3325 | 385 | 1299 | 723 | 27968 | 7877 | 28.2 | 0.30 |
| 3175.00 | 24480 | 2251 | 2799 | 513 | 1519 | 1958 | 31562 | 7082 | 22.4 | 0.34 |

Table 1c: C1 to C7 hydrocarbons in HEADSPACE and CUTTINGS gas
(μ l gas/kg rock)

Project: 6507/6-2

Well: NOCS 6507/6-2

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

| Depth | C1 | C2 | C3 | iC4 | nC4 | C5+ | sum C1-C4 | sum C2-C4 | %wet ness | iC4 --- nC4 |
|---------|-------|-------|-------|-------|-------|-------|--------------|--------------|--------------|-------------------|
| 3193.00 | 24552 | 4875 | 8091 | 2171 | 6371 | 9824 | 46060 | 21508 | 46.7 | 0.34 |
| 3211.00 | 26166 | 5585 | 8541 | 1828 | 5611 | 5727 | 47731 | 21565 | 45.2 | 0.33 |
| 3229.00 | 16806 | 4251 | 7337 | 1437 | 4743 | 2982 | 34574 | 17768 | 51.4 | 0.30 |
| 3247.00 | 9523 | 1741 | 4726 | 1001 | 3646 | 2354 | 20637 | 11114 | 53.9 | 0.27 |
| 3265.00 | 13230 | 2941 | 7751 | 1502 | 4665 | 4291 | 30089 | 16859 | 56.0 | 0.32 |
| 3283.00 | 19796 | 3543 | 7714 | 1290 | 3745 | 3125 | 36088 | 16292 | 45.2 | 0.34 |
| 3310.00 | 57162 | 5144 | 8166 | 1017 | 2750 | 1613 | 74239 | 17077 | 23.0 | 0.37 |
| 3328.00 | 48 | 10 | 27 | 7 | 25 | 108 | 117 | 69 | 59.0 | 0.28 |
| 3346.00 | 52959 | 5222 | 9326 | 1070 | 2827 | 1266 | 71404 | 18445 | 25.8 | 0.38 |
| 3364.00 | 22965 | 3569 | 10311 | 2117 | 6023 | 8856 | 44985 | 22020 | 49.0 | 0.35 |
| 3382.00 | 17950 | 2866 | 11165 | 3230 | 8806 | 13087 | 44017 | 26067 | 59.2 | 0.37 |
| 3409.00 | 73834 | 14197 | 53210 | 12289 | 33613 | 35126 | 187143 | 113* | 60.6 | 0.37 |
| 3427.00 | 10309 | 3068 | 12063 | 3066 | 8342 | 10752 | 36848 | 26539 | 72.0 | 0.37 |
| 3445.00 | 757 | 166 | 885 | 329 | 981 | 1654 | 3118 | 2361 | 75.7 | 0.34 |
| 3463.00 | 873 | 237 | 1130 | 374 | 760 | 2030 | 3374 | 2501 | 74.1 | 0.49 |
| 3481.00 | 3405 | 521 | 2039 | 914 | 1840 | 3074 | 8719 | 5314 | 61.0 | 0.50 |
| 3499.00 | 1199 | 304 | 1299 | 384 | 1186 | 1806 | 4372 | 3173 | 72.6 | 0.32 |
| 3517.00 | 935 | 331 | 1754 | 454 | 1558 | 1983 | 5032 | 4097 | 81.4 | 0.29 |
| 3535.00 | 1637 | 449 | 1550 | 240 | 788 | 771 | 4664 | 3027 | 64.9 | 0.30 |
| 3553.00 | 349 | 249 | 1151 | 199 | 661 | 571 | 2609 | 2260 | 86.6 | 0.30 |
| 3571.00 | 359 | 140 | 751 | 125 | 488 | 632 | 1863 | 1504 | 80.7 | 0.26 |
| 3589.00 | 1603 | 843 | 2756 | 316 | 937 | 526 | 6455 | 4852 | 75.2 | 0.34 |

Table 1c: C1 to C7 hydrocarbons in HEADSPACE and CUTTINGS gas
(μ l gas/kg rock)

Project: 6507/6-2

Well: NOCS 6507/6-2

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

| Depth | C1 | C2 | C3 | iC4 | nC4 | C5+ | sum C1-C4 | sum C2-C4 | %wet. ness | iC4 --- nC4 |
|---------|-------|------|------|-----|------|------|--------------|--------------|---------------|-------------------|
| 3607.00 | 1785 | 947 | 3257 | 395 | 1125 | 865 | 7509 | 5724 | 76.2 | 0.35 |
| 3625.00 | 1674 | 974 | 2876 | 313 | 836 | 458 | 6673 | 4999 | 74.9 | 0.37 |
| 3643.00 | 3451 | 1273 | 2532 | 241 | 638 | 449 | 8135 | 4684 | 57.6 | 0.38 |
| 3661.00 | 4649 | 1747 | 3189 | 279 | 797 | 531 | 10661 | 6012 | 56.4 | 0.35 |
| 3679.00 | 5021 | 1862 | 3662 | 317 | 981 | 657 | 11843 | 6822 | 57.6 | 0.32 |
| 3697.00 | 2490 | 897 | 1873 | 173 | 526 | 349 | 5959 | 3469 | 58.2 | 0.33 |
| 3715.00 | 1278 | 694 | 1584 | 198 | 493 | 416 | 4247 | 2969 | 69.9 | 0.40 |
| 3724.00 | 2166 | 591 | 1237 | 153 | 471 | 950 | 4618 | 2452 | 53.1 | 0.32 |
| 3733.00 | 711 | 155 | 329 | 51 | 156 | 220 | 1402 | 691 | 49.3 | 0.33 |
| 3769.00 | 518 | 236 | 349 | 77 | 316 | 870 | 1496 | 978 | 65.4 | 0.24 |
| 3805.00 | 1210 | 252 | 400 | 60 | 244 | 307 | 2166 | 956 | 44.1 | 0.25 |
| 3841.00 | 250 | 38 | 53 | 7 | 29 | 74 | 377 | 127 | 33.7 | 0.24 |
| 3877.00 | 881 | 255 | 753 | 246 | 974 | 3913 | 3109 | 2228 | 71.7 | 0.25 |
| 3913.00 | 978 | 245 | 839 | 359 | 1475 | 6542 | 3896 | 2918 | 74.9 | 0.24 |
| 3952.00 | 322 | 51 | 170 | 56 | 247 | 1289 | 846 | 524 | 61.9 | 0.23 |
| 3988.00 | 290 | 32 | 68 | 22 | 98 | 796 | 510 | 220 | 43.1 | 0.22 |
| 4024.00 | 201 | 50 | 248 | 69 | 325 | 1052 | 893 | 692 | 77.5 | 0.21 |
| 4060.00 | 2362 | 489 | 967 | 124 | 660 | 1210 | 4602 | 2240 | 48.7 | 0.19 |
| 4096.00 | 932 | 270 | 407 | 48 | 199 | 334 | 1856 | 924 | 49.8 | 0.24 |
| 4132.00 | 581 | 250 | 488 | 55 | 218 | 344 | 1592 | 1011 | 63.5 | 0.25 |
| 4168.00 | 17128 | 3674 | 2356 | 162 | 507 | 260 | 23827 | 6699 | 28.1 | 0.32 |
| 4204.00 | 9068 | 2310 | 1422 | 91 | 277 | 208 | 13168 | 4100 | 31.1 | 0.33 |

Table 1c: C1 to C7 hydrocarbons in HEADSPACE and CUTTINGS gas
(μ l gas/kg rock)

Project: 6507/6-2

Well: NOCS 6507/6-2

Depth unit of measure: m

* Indicated values in ml gas/kg source rock

| Depth | C1 | C2 | C3 | iC4 | nC4 | C5+ | sum C1-C4 | sum C2-C4 | %wet. ness | iC4 --- nC4 |
|---------|--------|-------|------|-----|------|-----|--------------|--------------|---------------|-------------------|
| 4240.00 | 9224 | 3643 | 2804 | 203 | 540 | 281 | 16414 | 7190 | 43.8 | 0.38 |
| 4276.00 | 15127 | 10252 | 5960 | 428 | 805 | 155 | 32572 | 17445 | 53.6 | 0.53 |
| 4312.00 | 13691 | 2490 | 949 | 83 | 133 | 80 | 17346 | 3655 | 21.1 | 0.62 |
| 4348.00 | 25646 | 5632 | 2510 | 198 | 486 | 381 | 34472 | 8826 | 25.6 | 0.41 |
| 4354.00 | 109938 | 15248 | 6784 | 570 | 1199 | 992 | 133739 | 23801 | 17.8 | 0.48 |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-----|-------------------------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 1420.00 | | | | | | 0043 |
| | | | | 100 S/Sst : gy w to lt gy to m gy, crs, l | | 0043-1L |
| | | | | tr Sltst : lt gy, cly | | 0043-2L |
| 1450.00 | | | | | | 0044 |
| | | | | 100 S/Sst : gy w to lt gy to m gy, crs, l | | 0044-1L |
| | | | | tr Sltst : lt gy, cly | | 0044-2L |
| 1480.00 | | | | | | 0045 |
| | | | | 60 S/Sst : gy w to lt gy to m gy, crs, l | | 0045-1L |
| | | | | 40 Sh/Clst: lt gy, slt | | 0045-2L |
| 1510.00 | | | | | | 0046 |
| | | | | 95 S/Sst : gy w to lt gy, crs, l | | 0046-1L |
| | | | | 5 Sh/Clst: lt gy, slt | | 0046-2L |
| 1540.00 | | | | | | 0047 |
| | | | | 60 Sh/Clst: lt gy, slt | | 0047-2L |
| | | | | 40 S/Sst : gy w to lt gy, crs, l | | 0047-1L |
| 1570.00 | | | | | | 0048 |
| | | | | 60 S/Sst : gy w to lt gy, crs, l | | 0048-1L |
| | | | | 40 Sh/Clst: lt gy to lt brn gy, slt | | 0048-2L |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample | |
|---------|------|-----|-----------------------|----------|------------------------------|---------|--|
| Int Cvd | TOC% | % | Lithology description | | | | |
| 1600.00 | | | | | | 0049 | |
| | | | 60 | S/Sst | : gy w to lt gy, crs, l | 0049-1L | |
| | | | 30 | Sh/Clst: | lt gy to lt brn gy, slt | 0049-2L | |
| | | | 5 | Sh/Clst: | brn gy to dsk brn, hd | 0049-3L | |
| | | | 5 | Sh/Clst: | gn to drk gn, glauc | 0049-4L | |
| | | | tr | Ca | : or gy, fos | 0049-5L | |
| 1630.00 | | | | | | 0050 | |
| | | | 65 | Sh/Clst: | lt gy to lt brn gy, slt | 0050-2L | |
| | | | 35 | S/Sst | : gy w to lt gy, crs, l | 0050-1L | |
| | | | tr | Cont | : prp | 0050-3L | |
| 1650.00 | | | | | | 0051 | |
| | | | 60 | S/Sst | : gy w to lt gy, crs, l | 0051-1L | |
| | | | 40 | Sh/Clst: | lt gy to lt brn gy, slt, pyr | 0051-2L | |
| | | | tr | Sh/Clst: | brn gy to dsk y brn, hd | 0051-3L | |
| 2500.00 | | | | | | 0052 | |
| | | | 70 | S/Sst | : lt gy w, f, crs, l | 0052-1L | |
| | | | 30 | Sh/Clst: | m gy | 0052-2L | |
| 2520.00 | | | | | | 0053 | |
| | | | 55 | Sh/Clst: | m gy | 0053-2L | |
| | | | 45 | S/Sst | : lt gy w, f, crs, l | 0053-1L | |
| | | | tr | Sh/Clst: | brn gy to pl y brn, hd | 0053-3L | |
| | | | tr | Cont | : ns | 0053-4L | |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-----|------------------------------------------------------------------------------------------|-----|-------------------------------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 2540.00 | | | | | | 0054 |
| | | 0.89 | 100 | Sh/Clst: m gy tr Ca : or gy, fos | | 0054-1L 0054-2L |
| 2560.00 | | | | | | 0055 |
| | | | 100 | Sh/Clst: m gy tr Ca : or gy, fos tr Cont : ns | | 0055-1L 0055-2L 0055-3L |
| 2580.00 | | | | | | 0056 |
| | | | 95 | Sh/Clst: m gy 5 Sh/Clst: drk y brn, hd tr Cont : ns | | 0056-1L 0056-3L 0056-2L |
| 2600.00 | | | | | | 0057 |
| | | 1.17 | 90 | Sh/Clst: m gy, slt 5 Cont : ns, dd 5 Sh/Clst: lt brn gy to brn gy to drk y brn, hd | | 0057-1L 0057-2L 0057-3L |
| 2620.00 | | | | | | 0002 |
| | | | 100 | Sh/Clst: m gy, slt tr S/Sst : lt gy w, f, l | | 0002-1L 0002-2L |
| 2640.00 | | | | | | 0003 |
| | | | 90 | Sh/Clst: m gy 10 Sltst : lt gy tr S/Sst : lt gy w, f, l | | 0003-1L 0003-2L 0003-3L |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|----------|-----------------------|-----------------------------|-----|---------|
| Int Cvd | TOC% | % | Lithology description | | | |
| 2660.00 | | | | | | 0004 |
| | 1.20 | 90 | Sh/Clst: | m gy | | 0004-1L |
| | | 10 | Sltst | : lt gy | | 0004-2L |
| 2680.00 | | | | | | 0005 |
| | | 50 | Sh/Clst: | m gy, fis, pyr | | 0005-1L |
| | | 40 | S/Sst | : lt gy w, crs, l | | 0005-3L |
| | | 10 | Sltst | : lt gy | | 0005-2L |
| | | tr Ca | | : w to lt or w | | 0005-4L |
| | | tr Cont | | : prp | | 0005-5L |
| 2700.00 | | | | | | 0006 |
| | 0.20 | 75 | S/Sst | : lt gy w, crs, f, l | | 0006-2L |
| | | 20 | Sh/Clst: | m gy, fis, pyr | | 0006-1L |
| | | 5 | Cont | : dd, prp | | 0006-3L |
| 2720.00 | | | | | | 0007 |
| | | 65 | S/Sst | : lt gy w, crs, f, l | | 0007-2L |
| | | 30 | Sh/Clst: | m gy, fis, pyr | | 0007-1L |
| | | 5 | Sltst | : lt gy | | 0007-4L |
| | | tr Cont | | : dd, prp | | 0007-3L |
| 2740.00 | | | | | | 0058 |
| | 0.89 | 60 | Sh/Clst: | lt gy to gy gn to m gy, fis | | 0058-2L |
| | | 40 | S/Sst | : lt gy w, f, crs, l | | 0058-1L |
| | | tr Sltst | | : lt gy | | 0058-3L |
| | | tr Cont | | : prp | | 0058-4L |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|----------|---------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 2760.00 | | | | | | 0059 |
| | 0.20 | 60 | S/Sst | : lt gy w, f, crs, l, kln | | 0059-1L |
| | | 40 | Sh/Clst: | m gy, fis | | 0059-2L |
| | | | tr Cont | : prp | | 0059-3L |
| 2780.00 | | | | | | 0060 |
| | 0.17 | 95 | S/Sst | : lt gy w, f, crs, l, kln | | 0060-1L |
| | | 5 | Sh/Clst: | m gy, fis | | 0060-2L |
| | | | tr Cont | : prp | | 0060-3L |
| | | | tr Sltst | : lt gy | | 0060-4L |
| 2820.00 | | | | | | 0061 |
| | | 85 | S/Sst | : lt gy w, f, crs, l, kln | | 0061-1L |
| | | 10 | Sh/Clst: | m gy, fis | | 0061-2L |
| | | 5 | Sltst | : lt gy | | 0061-4L |
| | | | tr Cont | : prp, dd | | 0061-3L |
| 2840.00 | | | | | | 0062 |
| | 0.24 | 95 | S/Sst | : lt gy w, f, crs, l, kln | | 0062-1L |
| | | 5 | Sh/Clst: | m gy, fis | | 0062-2L |
| | | | tr Cont | : prp | | 0062-3L |
| 2860.00 | | | | | | 0063 |
| | | 75 | Sh/Clst: | m gy | | 0063-1L |
| | | 20 | S/Sst | : lt gy w to gy w, crs, l | | 0063-2L |
| | | 5 | Marl | : lt or gy | | 0063-3L |
| | | | tr Cont | : prp | | 0063-4L |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|----------|---------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 2880.00 | | | | | | 0064 |
| | 1.13 | 80 | Sh/Clst: | m gy, pyr | | 0064-1L |
| | | 10 | S/Sst | : lt gy w to gy w, crs, l | | 0064-2L |
| | | 5 | Marl | : lt or gy | | 0064-3L |
| | | 5 | Sh/Clst: | dsk brn, hd | | 0064-4L |
| | | tr | Cont | : prp, dd | | 0064-5L |
| 2900.00 | | | | | | 0065 |
| | 1.14 | 60 | Sh/Clst: | m gy, pyr, fis | | 0065-1L |
| | | 30 | S/Sst | : lt gy w to gy w, crs, l | | 0065-2L |
| | | 10 | Marl | : lt or gy | | 0065-3L |
| | | tr | Sh/Clst: | dsk brn, hd | | 0065-4L |
| | | tr | Cont | : prp, dd | | 0065-5L |
| 2920.00 | | | | | | 0066 |
| | | 80 | S/Sst | : lt gy w, crs, f, l | | 0066-2L |
| | | 15 | Sh/Clst: | m gy | | 0066-1L |
| | | 5 | Cont | : dd, prp | | 0066-5L |
| | | tr | Marl | : lt or gy | | 0066-3L |
| | | tr | Sh/Clst: | dsk brn, hd | | 0066-4L |
| 2940.00 | | | | | | 0067 |
| | 1.01 | 80 | Sh/Clst: | m gy | | 0067-1L |
| | | 10 | S/Sst | : lt gy w, crs, f, l | | 0067-2L |
| | | 5 | Marl | : lt or gy | | 0067-3L |
| | | 5 | Cont | : dd, prp | | 0067-5L |
| | | tr | Sh/Clst: | dsk brn, hd | | 0067-4L |
| 2960.00 | | | | | | 0068 |
| | | 100 | Sh/Clst: | m gy | | 0068-1L |
| | | tr | S/Sst | : lt gy w, crs, f, l | | 0068-2L |
| | | tr | Cont | : dd, prp | | 0068-3L |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample | |
|---------|------|-----|-----------------------|----------|---------------------------|---------|--|
| Int Cvd | TOC% | % | Lithology description | | | | |
| 2980.00 | | | | | | 0069 | |
| | | | 80 | Sh/Clst: | m gy, calc | 0069-1L | |
| | | | 10 | S/Sst | : lt gy w, crs, f, l | 0069-2L | |
| | | | 5 | Cont | : dd, prp | 0069-3L | |
| | | | 5 | Sh/Clst: | m brn to pl brn, mrl | 0069-4L | |
| 3000.00 | | | | | | 0070 | |
| | | | 80 | Sh/Clst: | m gy, calc | 0070-1L | |
| | | | 20 | S/Sst | : lt gy w, crs, l, f, kln | 0070-2L | |
| | | | tr | Cont | : dd, prp | 0070-3L | |
| | | | tr | Sh/Clst: | m brn to pl brn, mrl | 0070-4L | |
| 3020.00 | | | | | | 0071 | |
| | 0.75 | | 85 | Sh/Clst: | m gy, calc | 0071-1L | |
| | | | 10 | S/Sst | : lt gy w, crs, l, f, kln | 0071-2L | |
| | | | 5 | Cont | : dd, prp, bar | 0071-3L | |
| | | | tr | Sh/Clst: | m brn to pl brn, mrl | 0071-4L | |
| 3040.00 | | | | | | 0072 | |
| | | | 80 | Sh/Clst: | m gy, calc | 0072-1L | |
| | | | 10 | S/Sst | : lt gy w, crs, l, f, kln | 0072-2L | |
| | | | 10 | Cont | : dd, prp, bar | 0072-3L | |
| | | | tr | Sh/Clst: | m brn to pl brn, mrl | 0072-4L | |
| 3060.00 | | | | | | 0073 | |
| | 0.99 | | 80 | Sh/Clst: | m gy, calc | 0073-1L | |
| | | | 20 | Cont | : dd, prp, bar | 0073-3L | |
| | | | tr | S/Sst | : lt gy w, crs, l, f, kln | 0073-2L | |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|-----|-----------------------|------------------------------------|-----|---------|
| Int Cvd | TOC% | % | Lithology description | | | |
| 3080.00 | | | | | | 0074 |
| | | 75 | Sh/Clst: | m gy | | 0074-1L |
| | | 15 | S/Sst | : lt gy w to lt gy, crs, l, f, kln | | 0074-2L |
| | | 10 | Cont | : dd, prp, bar | | 0074-3L |
| 3100.00 | | | | | | 0008 |
| | | 60 | S/Sst | : lt gy w, crs, f, l | | 0008-2L |
| | | 40 | Sh/Clst: | m gy to drk gy, fis, wx, pyr | | 0008-1L |
| | | tr | Sh/Clst: | brn, fis | | 0008-3L |
| 3120.00 | | | | | | 0009 |
| | | 95 | S/Sst | : w to lt gy w, crs, f, l | | 0009-2L |
| | | 5 | Sh/Clst: | m gy to drk gy, fis, wx | | 0009-1L |
| | | tr | Cont | : prp | | 0009-3L |
| 3140.00 | | | | | | 0075 |
| | | 80 | Sh/Clst: | m gy to drk gy, wx | | 0075-1L |
| | | 15 | Cont | : ns, Mica-ad | | 0075-3L |
| | | 5 | S/Sst | : lt gy w, f, l | | 0075-2L |
| 3157.00 | | | | | | 0010 |
| | | 90 | Sh/Clst: | m gy to drk gy, fis, wx | | 0010-1L |
| | | 5 | S/Sst | : w to lt gy w, crs, f, l | | 0010-2L |
| | | 5 | Cont | : prp, ns | | 0010-3L |
| 3175.00 | | | | | | 0011 |
| | 1.17 | 90 | Sh/Clst: | m gy to drk gy to drk brn gy, wx | | 0011-1L |
| | | 5 | Cont | : prp, ns | | 0011-3L |
| | | 5 | Sh/Clst: | brn gy to brn | | 0011-4L |
| | | tr | S/Sst | : w to lt gy w, crs, f, l | | 0011-2L |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-----|-------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 3193.00 | | | | | | 0012 |
| | 6.11 | 95 | | Sh/Clst: m gy to drk gy to brn gy 5 Ca : gy w to lt gy tr S/Sst : w to lt gy w, crs, l tr Coal : blk, wx | | 0012-1L 0012-2L 0012-3L 0012-4L |
| 3211.00 | | | | | | 0013 |
| | 7.89 | 100 | | Sh/Clst: brn gy to drk brn gy tr Ca : gy w to lt gy | | 0013-1L 0013-2L |
| 3229.00 | | | | | | 0014 |
| | 7.69 | 100 | | Sh/Clst: drk brn gy to brn blk, slt, pyr tr S/Sst : w to lt gy w, f, l | | 0014-1L 0014-2L |
| 3247.00 | | | | | | 0076 |
| | 7.15 | 100 | | Sh/Clst: drk gy to brn blk tr Cont : prp | | 0076-1L 0076-2L |
| 3265.00 | | | | | | 0077 |
| | 7.67 | 100 | | Sh/Clst: drk gy to brn blk, mic tr Cont : prp | | 0077-1L 0077-2L |
| 3283.00 | | | | | | 0015 |
| | 8.55 | 100 | | Sh/Clst: brn gy to drk brn gy tr Ca : gy w to lt gy, mrl | | 0015-1L 0015-2L |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-----|-----------------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 3310.00 | | | | | | 0017 |
| | 8.01 | 100 | | Sh/Clst: brn gy to m brn gy, pyr | | 0017-1L |
| 3328.00 | | | | | | 0018 |
| | | | | 100 Cont : cem, prp | | 0018-2L |
| | | | | tr Sh/Clst: m gy, fis | | 0018-1L |
| 3346.00 | | | | | | 0019 |
| | | | | 70 Sh/Clst: drk gy to brn gy | | 0019-1L |
| | | | | 20 Cont : cem, prp | | 0019-2L |
| | | | | 10 S/Sst : w to lt gy w, f, fis | | 0019-3L |
| 3364.00 | | | | | | 0020 |
| | 2.35 | 65 | | Sh/Clst: drk gy to brn gy | | 0020-1L |
| | | | | 30 Cont : prp, cem, dd | | 0020-2L |
| | | | | 5 S/Sst : w to lt gy w, f, fis | | 0020-3L |
| 3382.00 | | | | | | 0021 |
| | 2.26 | 100 | | Sh/Clst: lt brn gy to brn gy, slt | | 0021-1L |
| 3409.00 | | | | | | 0022 |
| | 2.39 | 55 | | Sh/Clst: lt brn gy to brn gy, slt | | 0022-1L |
| | | | | 40 Ca : lt gy, mrl | | 0022-2L |
| | | | | 5 Cont : prp | | 0022-3L |
| | | | | tr S/Sst : w to lt gy w, crs, l | | 0022-4L |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-----|-----------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 3427.00 | | | | | | 0078 |
| | 2.38 | | 70 | Sh/Clst: m gy to brn gy | | 0078-1L |
| | | | 30 | Ca : lt gy, mrl | | 0078-2L |
| | | | tr | Cont : prp | | 0078-3L |
| 3445.00 | | | | | | 0079 |
| | | | 80 | Sh/Clst: m gy | | 0079-1L |
| | | | 20 | Ca : lt gy, mrl | | 0079-2L |
| | | | tr | Cont : prp | | 0079-3L |
| 3481.00 | | | | | | 0023 |
| | 1.50 | | 50 | Sh/Clst: lt gy to m gy, mic | | 0023-1L |
| | | | 30 | Ca : or w to lt gy, mrl | | 0023-3L |
| | | | 15 | Cont : prp, dd | | 0023-2L |
| | | | 5 | S/Sst : lt gy w, crs, l | | 0023-4L |
| | | | tr | Sh/Clst: drk brn, hd | | 0023-5L |
| 3499.00 | | | | | | 0024 |
| | | | 75 | Sh/Clst: lt gy to m gy, mic | | 0024-1L |
| | | | 15 | Cont : prp, dd | | 0024-2L |
| | | | 10 | Ca : or w to lt gy, mrl | | 0024-3L |
| 3517.00 | | | | | | 0025 |
| | 2.01 | | 85 | Sh/Clst: lt gy to m gy, mic | | 0025-1L |
| | | | 10 | Ca : or w to lt gy, mrl | | 0025-3L |
| | | | 5 | Cont : prp, dd | | 0025-2L |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-----|-------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 3535.00 | | | | | | 0080 |
| | | | 85 | Sh/Clst: lt gy to m gy | | 0080-1L |
| | | | 10 | Ca : or w to lt gy, mrl | | 0080-2L |
| | | | 5 | Cont : prp | | 0080-3L |
| 3553.00 | | | | | | 0027 |
| | | | 90 | Sh/Clst: m gy | | 0027-1L |
| | | | 5 | Cont : prp, dd | | 0027-2L |
| | | | 5 | Ca : or w to lt gy, mrl | | 0027-3L |
| 3571.00 | | | | | | 0028 |
| | | | 100 | Sh/Clst: m gy to brn gy | | 0028-1L |
| | | | tr | Cont : prp, dd | | 0028-2L |
| | | | tr | Ca : or w to lt gy, mrl | | 0028-3L |
| 3589.00 | | | | | | 0081 |
| | | | 100 | Sh/Clst: m gy to brn gy | | 0081-1L |
| | | | tr | Ca : or w to lt gy, mrl | | 0081-2L |
| 3607.00 | | | | | | 0029 |
| | 2.95 | | 90 | Sh/Clst: m gy to brn gy | | 0029-1L |
| | | | 10 | Cont : prp, dd, bar | | 0029-2L |
| 3625.00 | | | | | | 0082 |
| | | | 100 | Sh/Clst: m gy to brn gy | | 0082-1L |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-----|--------------------------------------------|-----|--------------------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 3643.00 | | | | | | 0030 |
| | | | 100 | Sh/Clst: brn gy to gy blk tr Cont : bar | | 0030-1L 0030-2L |
| 3661.00 | | | | | | 0031 |
| | | | 100 | Sh/Clst: brn gy to gy blk tr Cont : bar | | 0031-1L 0031-2L |
| 3679.00 | | | | | | 0083 |
| | | | 90 | Sh/Clst: m gy to brn gy | | 0083-1L |
| | | | 10 | Cont : bar, prp | | 0083-2L |
| 3697.00 | | | | | | 0032 |
| | | | 80 | Sh/Clst: brn gy | | 0032-1L |
| | | | 20 | Cont : bar, prp | | 0032-2L |
| 3715.00 | | | | | | 0033 |
| | 2.49 | | 95 | Sh/Clst: lt gy to m gy to drk gy to brn gy | | 0033-1L |
| | | | 5 | Cont : prp, dd | | 0033-2L |
| 3724.00 | | | | | | 0035 |
| | | | 95 | Sh/Clst: m gy to drk gy | | 0035-1L |
| | | | 5 | Ca : lt or gy, mrl | | 0035-2L |
| 3733.00 | | | | | | 0084 |
| | | | 60 | Sh/Clst: m gy to drk gy | | 0084-1L |
| | | | 40 | S/Sst : lt gy w, f, kln, crs, l | | 0084-2L |
| | | | | tr Kaolin : w | | 0084-3L |
| | | | | tr Cont : prp | | 0084-4L |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|------------|--------------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 3769.00 | | | | | | 0034 |
| | 0.14 | 100 | S/Sst | : w to lt gy w, f, crs, l | | 0034-1L |
| | | | tr Kaolin | : w | | 0034-2L |
| | | | tr Sh/Clst | : brn gy to drk gy | | 0034-3L |
| 3805.00 | | | | | | 0085 |
| | 1.58 | 100 | Sh/Clst | : lt gy, slt | | 0085-1L |
| | | | tr S/Sst | : lt gy w, f, kln, crs, l | | 0085-2L |
| | | | tr Kaolin | : w | | 0085-3L |
| | | | tr Cont | : prp | | 0085-4L |
| 3833.00 | swc | | | | | 0144 |
| | | 100 | S/Sst | : lt gy, cly, f | | 0144-1L |
| 3841.00 | | | | | | 0036 |
| | 0.18 | 100 | S/Sst | : w to lt gy w, f, slt, l | | 0036-1L |
| | | | tr Cont | : prp | | 0036-2L |
| 3870.00 | swc | | | | | 0145 |
| | | 100 | Sh/Clst | : m gy, calc, s | | 0145-1L |
| 3877.00 | | | | | | 0037 |
| | 1.16 | 60 | S/Sst | : w to lt gy w, f, slt, kln, l | | 0037-1L |
| | | 40 | Sh/Clst | : m gy to brn gy, slt | | 0037-2L |
| | | | tr Cont | : prp | | 0037-3L |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|-----|--------------------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 3885.00 | ker | | | | | 0138 |
| | | | 100 | Sh/Clst: m gy, calc, s | | 0138-1L |
| 3913.00 | | | | | | 0038 |
| | 0.65 | | 75 | S/Sst : w to lt gy w, f, slt, kln, l | | 0038-1L |
| | | | 25 | Sh/Clst: m gy to brn gy, slt | | 0038-2L |
| | | | | tr Kaolin : w | | 0038-3L |
| | | | | tr Cont : prp | | 0038-4L |
| 3952.00 | | | | | | 0039 |
| | | | 100 | Slstst : lt gy w, l, s | | 0039-1L |
| | | | | tr Kaolin : w | | 0039-2L |
| | | | | tr Sh/Clst: m gy to drk gy | | 0039-3L |
| | | | | tr Cont : prp | | 0039-4L |
| 3988.00 | | | | | | 0040 |
| | | | 100 | Slstst : lt gy w, l, s | | 0040-1L |
| | | | | tr Kaolin : w | | 0040-2L |
| | | | | tr Sh/Clst: m gy to drk gy | | 0040-3L |
| | | | | tr Cont : prp | | 0040-4L |
| 4024.00 | | | | | | 0042 |
| | | | 45 | Slstst : lt gy w, l, kln | | 0042-3L |
| | | | 40 | Sh/Clst: m gy to drk gy | | 0042-1L |
| | | | 10 | Kaolin : w | | 0042-4L |
| | | | 5 | Cont : prp, dd | | 0042-2L |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|------|----------|------------------------|-----|---------|
| Int | Cvd | TOC% | % | Lithology description | | |
| 4060.00 | | | | | | 0086 |
| | 2.47 | 45 | Sh/Clst: | m gy to brn gy | | 0086-2L |
| | | 35 | Other | : trbofgs | | 0086-4L |
| | | 20 | Sltst | : w to lt gy w, kln | | 0086-1L |
| | | tr | S/Sst | : lt gy w, crs, l | | 0086-3L |
| 4096.00 | | | | | | 0087 |
| | | 90 | Sltst | : w to lt gy w, kln | | 0087-1L |
| | | 10 | Sh/Clst: | m gy to brn gy, fis | | 0087-2L |
| | | tr | Other | : trbofgs | | 0087-3L |
| 4132.00 | | | | | | 0088 |
| | | 90 | Sltst | : w to lt gy w, kln, l | | 0088-1L |
| | | 5 | Sh/Clst: | m gy to brn gy, fis | | 0088-2L |
| | | 5 | Kaolin | : w | | 0088-3L |
| 4168.00 | | | | | | 0089 |
| | 0.42 | 85 | Sltst | : w to lt gy w, kln, l | | 0089-1L |
| | | 10 | Sh/Clst: | m gy to brn gy, fis | | 0089-2L |
| | | 5 | Cont | : Coal-ad | | 0089-3L |
| 4204.00 | | | | | | 0090 |
| | | 95 | Sltst | : w to lt gy w, kln, l | | 0090-1L |
| | | 5 | Cont | : Coal-ad | | 0090-3L |
| | | tr | Sh/Clst: | m gy to brn gy, fis | | 0090-2L |
| 4210.50 | ker | | | | | 0142 |
| | | 100 | Sh/Clst: | drk gy, mic | | 0142-1L |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample | |
|---------|------|-----|----------------------------------------------------|-----|-----|---------|--|
| Int Cvd | TOC% | % | Lithology description | | | | |
| 4210.50 | swc | | | | | 0146 | |
| | | 100 | Sh/Clst: drk gy, mic | | | 0146-1L | |
| 4240.00 | | | | | | 0091 | |
| | 0.19 | 95 | S/Sst : w to lt gy w, crs, l, kln | | | 0091-1L | |
| | | 5 | Cont : Coal-ad | | | 0091-3L | |
| | | | tr Sh/Clst: m gy to brn gy, fis | | | 0091-2L | |
| | | | tr Kaolin : w | | | 0091-4L | |
| 4276.00 | | | | | | 0092 | |
| | | 60 | S/Sst : w to lt gy w, crs, l, kln | | | 0092-1L | |
| | | 40 | Cont : Coal-ad | | | 0092-2L | |
| | | | tr Kaolin : w | | | 0092-3L | |
| 4312.00 | | | | | | 0093 | |
| | | 60 | Cont : Coal-ad | | | 0093-2L | |
| | | 30 | S/Sst : w to lt gy w, crs, l, kln | | | 0093-1L | |
| | | 10 | Sh/Clst: brn gy to drk brn to dsk y brn, hd, wx | | | 0093-4L | |
| | | | tr Kaolin : w | | | 0093-3L | |
| 4348.00 | | | | | | 0094 | |
| | 0.25 | 55 | S/Sst : w to lt gy w, f, crs, l, kln | | | 0094-1L | |
| | | 35 | Sh/Clst: brn gy to drk brn to dsk y brn, hd, wx | | | 0094-4L | |
| | | 10 | Cont : Coal-ad | | | 0094-2L | |
| | | | tr Kaolin : w | | | 0094-3L | |

Table 2 : Lithology description for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Type | Grp | Frm | Age | Trb | Sample |
|---------|------|-----|------------------------------------------|-----|-----|---------|
| Int Cvd | TOC% | % | Lithology description | | | |
| 4354.00 | | | | | | 0095 |
| | 2.43 | 55 | Sh/Clst: brn gy to m gy to dsk y brn, wx | | | 0095-3L |
| | | 25 | Cont : Coal-ad | | | 0095-2L |
| | | 20 | S/Sst : w to lt gy w, f, crs, l, kln | | | 0095-1L |

Table 3 : Rock-Eval table for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Typ | Lithology | S1 | S2 | S3 | S2/S3 | TOC | HI | OI | PP | PI | Tmax | Sample |
|---------|-----|---------------------------------------|------|------|------|-------|------|----|-----|-----|------|------|---------|
| 2540.00 | cut | Sh/Clst: m gy | 0.04 | 0.33 | 1.11 | 0.30 | 0.89 | 37 | 125 | 0.4 | 0.11 | 429 | 0054-1L |
| 2600.00 | cut | Sh/Clst: m gy | 0.08 | 0.64 | 0.99 | 0.65 | 1.17 | 55 | 85 | 0.7 | 0.11 | 435 | 0057-1L |
| 2660.00 | cut | Sh/Clst: m gy | 0.05 | 0.54 | 0.77 | 0.70 | 1.20 | 45 | 64 | 0.6 | 0.08 | 435 | 0004-1L |
| 2700.00 | cut | S/Sst : lt gy w | - | 0.04 | 0.18 | 0.22 | 0.20 | 20 | 90 | - | - | 441 | 0006-2L |
| 2740.00 | cut | Sh/Clst: lt gy to gy gn to m gy | 0.05 | 0.37 | 0.54 | 0.69 | 0.89 | 42 | 61 | 0.4 | 0.12 | 431 | 0058-2L |
| 2760.00 | cut | S/Sst : lt gy w | 0.02 | 0.03 | 0.16 | 0.19 | 0.20 | 15 | 80 | 0.1 | 0.40 | 414 | 0059-1L |
| 2780.00 | cut | S/Sst : lt gy w | 0.01 | 0.02 | 0.07 | 0.29 | 0.17 | 12 | 41 | - | 0.33 | - | 0060-1L |
| 2840.00 | cut | S/Sst : lt gy w | 0.05 | 0.10 | 1.01 | 0.10 | 0.24 | 42 | 421 | 0.2 | 0.33 | 425 | 0062-1L |
| 2880.00 | cut | Sh/Clst: m gy | 0.31 | 0.95 | 1.11 | 0.86 | 1.13 | 84 | 98 | 1.3 | 0.25 | 438 | 0064-1L |
| 2900.00 | cut | Sh/Clst: m gy | 0.27 | 0.86 | 0.87 | 0.99 | 1.14 | 75 | 76 | 1.1 | 0.24 | 436 | 0065-1L |
| 2940.00 | cut | Sh/Clst: m gy | 0.23 | 0.64 | 1.01 | 0.63 | 1.01 | 63 | 100 | 0.9 | 0.26 | 434 | 0067-1L |
| 3020.00 | cut | Sh/Clst: m gy | 0.05 | 0.19 | 1.41 | 0.13 | 0.75 | 25 | 188 | 0.2 | 0.21 | 432 | 0071-1L |
| 3060.00 | cut | Sh/Clst: m gy | 0.10 | 0.23 | 1.30 | 0.18 | 0.99 | 23 | 131 | 0.3 | 0.30 | 429 | 0073-1L |
| 3175.00 | cut | Sh/Clst: m gy to drk gy to drk brn gy | 0.07 | 0.26 | 0.47 | 0.55 | 1.17 | 22 | 40 | 0.3 | 0.21 | 438 | 0011-1L |

Table 3 : Rock-Eval table for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Typ | Lithology | S1 | S2 | S3 | S2/S3 | TOC | HI | OI | PP | PI | Tmax | Sample |
|---------|-----|-----------------------------------------------|------|-------|------|-------|------|-----|----|------|------|------|---------|
| 3193.00 | cut | Sh/Clst: m gy to drk gy to brn gy | 2.61 | 29.03 | 0.31 | 93.65 | 6.11 | 475 | 5 | 31.6 | 0.08 | 429 | 0012-1L |
| 3211.00 | cut | Sh/Clst: brn gy to drk brn gy | 3.47 | 33.50 | 0.42 | 79.76 | 7.89 | 425 | 5 | 37.0 | 0.09 | 427 | 0013-1L |
| 3229.00 | cut | Sh/Clst: drk brn gy to brn blk | 2.89 | 26.41 | 0.62 | 42.60 | 7.69 | 343 | 8 | 29.3 | 0.10 | 427 | 0014-1L |
| 3247.00 | cut | Sh/Clst: drk gy to brn blk | 2.67 | 22.91 | 0.96 | 23.86 | 7.15 | 320 | 13 | 25.6 | 0.10 | 421 | 0076-1L |
| 3265.00 | cut | Sh/Clst: drk gy to brn blk | 2.74 | 26.14 | 0.83 | 31.49 | 7.67 | 341 | 11 | 28.9 | 0.09 | 427 | 0077-1L |
| 3283.00 | cut | Sh/Clst: brn gy to drk brn gy | 3.24 | 30.23 | 0.56 | 53.98 | 8.55 | 354 | 7 | 33.5 | 0.10 | 428 | 0015-1L |
| 3310.00 | cut | Sh/Clst: brn gy to m brn gy | 1.97 | 27.02 | 0.70 | 38.60 | 8.01 | 337 | 9 | 29.0 | 0.07 | 431 | 0017-1L |
| 3364.00 | cut | Sh/Clst: drk gy to brn gy | 0.42 | 3.82 | 0.75 | 5.09 | 2.35 | 163 | 32 | 4.2 | 0.10 | 439 | 0020-1L |
| 3382.00 | cut | Sh/Clst: lt brn gy to brn gy | 0.51 | 4.93 | 0.31 | 15.90 | 2.26 | 218 | 14 | 5.4 | 0.09 | 439 | 0021-1L |
| 3409.00 | cut | Sh/Clst: lt brn gy to brn gy | 0.48 | 4.10 | 1.02 | 4.02 | 2.39 | 172 | 43 | 4.6 | 0.10 | 440 | 0022-1L |
| 3427.00 | cut | Sh/Clst: m gy to brn gy | 0.41 | 4.35 | 1.35 | 3.22 | 2.38 | 183 | 57 | 4.8 | 0.09 | 442 | 0078-1L |
| 3481.00 | cut | Sh/Clst: lt gy to m gy | 0.20 | 2.25 | 1.40 | 1.61 | 1.50 | 150 | 93 | 2.5 | 0.08 | 442 | 0023-1L |
| 3517.00 | cut | Sh/Clst: lt gy to m gy | 0.21 | 2.62 | 1.61 | 1.63 | 2.01 | 130 | 80 | 2.8 | 0.07 | 443 | 0025-1L |
| 3607.00 | cut | Sh/Clst: m gy to brn gy | 0.29 | 2.40 | 1.73 | 1.39 | 2.95 | 81 | 59 | 2.7 | 0.11 | 444 | 0029-1L |
| 3715.00 | cut | Sh/Clst: lt gy to m gy to drk gy to brn gy | 0.21 | 1.50 | 1.17 | 1.28 | 2.49 | 60 | 47 | 1.7 | 0.12 | 449 | 0033-1L |

Depth unit of measure: m

| Depth | Typ | Lithology | S1 | S2 | S3 | S2/S3 | TOC | HI | OI | PP | PI | Tmax | Sample |
|---------|-----|-----------------------------------------|------|------|------|-------|------|-----|----|-----|------|------|---------|
| 3769.00 | cut | S/Sst : w to lt gy w | - | - | 0.10 | - | 0.14 | - | 71 | - | - | - | 0034-1L |
| 3805.00 | cut | Sh/Clst: lt gy | 0.21 | 0.93 | 0.56 | 1.66 | 1.58 | 59 | 35 | 1.1 | 0.18 | 448 | 0085-1L |
| 3841.00 | cut | S/Sst : w to lt gy w | - | - | 0.11 | - | 0.18 | - | 61 | - | - | - | 0036-1L |
| 3877.00 | cut | Sh/Clst: m gy to brn gy | 0.20 | 0.92 | 0.35 | 2.63 | 1.16 | 79 | 30 | 1.1 | 0.18 | 440 | 0037-2L |
| 3913.00 | cut | S/Sst : w to lt gy w | 0.07 | 0.38 | 0.56 | 0.68 | 0.65 | 58 | 86 | 0.4 | 0.16 | 445 | 0038-1L |
| 4060.00 | cut | Sh/Clst: m gy to brn gy | 0.35 | 2.13 | 0.48 | 4.44 | 2.47 | 86 | 19 | 2.5 | 0.14 | 449 | 0086-2L |
| 4168.00 | cut | Sltst : w to lt gy w | 0.03 | 0.14 | 0.39 | 0.36 | 0.42 | 33 | 93 | 0.2 | 0.18 | 457 | 0089-1L |
| 4240.00 | cut | S/Sst : w to lt gy w | 0.02 | 0.05 | 0.12 | 0.42 | 0.19 | 26 | 63 | 0.1 | 0.29 | 461 | 0091-1L |
| 4348.00 | cut | S/Sst : w to lt gy w | 0.02 | 0.04 | 0.14 | 0.29 | 0.25 | 16 | 56 | 0.1 | 0.33 | 414 | 0094-1L |
| 4354.00 | cut | Sh/Clst: brn gy to m gy to dsk y brn | 0.39 | 3.65 | 0.08 | 45.63 | 2.43 | 150 | 3 | 4.0 | 0.10 | 450 | 0095-3L |

Table 4 a: Weight of EOM and Chromatographic Fraction for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Typ | Lithology | Rock Extracted (g) | EOM (mg) | Sat (mg) | Aro (mg) | Asph (mg) | NSO (mg) | HC (mg) | Non-HC (mg) | TOC(e) (%) | Sample |
|---------|-----|-----------------------------------|--------------------------|-------------|-------------|-------------|--------------|-------------|------------|----------------|---------------|---------|
| 2754.50 | oil | RFT 2 3/4 gallon kammer | - | 59.1 | 31.2 | 15.0 | 1.5 | 11.4 | 46.2 | 12.9 | - | 0001-0B |
| 2754.50 | oil | RFT 1 gallon kammer | - | 65.5 | 46.8 | 13.1 | 0.8 | 4.8 | 59.9 | 5.6 | - | 0151-0B |
| 2760.00 | cut | S/Sst : lt gy w | 1.2 | 4.2 | 0.6 | 0.6 | 1.5 | 1.5 | 1.2 | 3.0 | 0.20 | 0059-1L |
| 3193.00 | cut | Sh/Clst: m gy to drk gy to brn gy | 6.9 | 82.5 | 8.4 | 15.2 | 16.7 | 42.2 | 23.6 | 58.9 | 6.47 | 0012-1L |
| 3211.00 | cut | Sh/Clst: brn gy to drk brn gy | 8.2 | 55.9 | 7.4 | 12.2 | 22.3 | 14.0 | 19.6 | 36.3 | 7.89 | 0013-1L |
| 3229.00 | cut | Sh/Clst: drk brn gy to brn blk | 8.4 | 74.8 | 8.7 | 14.8 | 36.7 | 14.6 | 23.5 | 51.3 | 7.69 | 0014-1L |
| 3247.00 | cut | Sh/Clst: drk gy to brn blk | 8.8 | 77.8 | 8.7 | 16.2 | 38.7 | 14.2 | 24.9 | 52.9 | 7.15 | 0076-1L |
| 3265.00 | cut | Sh/Clst: drk gy to brn blk | 10.9 | 117.7 | 9.3 | 23.7 | 66.2 | 18.5 | 33.0 | 84.7 | 7.67 | 0077-1L |
| 3283.00 | cut | Sh/Clst: brn gy to drk brn gy | 10.0 | 96.7 | 6.8 | 18.5 | 57.6 | 13.8 | 25.3 | 71.4 | 8.55 | 0015-1L |
| 3382.00 | cut | Sh/Clst: lt brn gy to brn gy | 1.3 | 5.9 | 0.9 | 1.2 | 2.4 | 1.4 | 2.1 | 3.8 | 2.26 | 0021-1L |
| 3607.00 | cut | Sh/Clst: m gy to brn gy | 7.1 | 15.7 | 1.8 | 3.0 | 7.9 | 3.0 | 4.8 | 10.9 | 2.95 | 0029-1L |
| 3730.00 | ccp | S/Sst : lt gy w | 8.5 | 4.0 | 1.1 | 0.9 | 0.9 | 1.1 | 2.0 | 2.0 | 0.13 | 0147-1L |
| 3732.00 | ccp | S/Sst : lt gy w | 8.0 | 7.8 | 4.5 | 0.6 | 1.2 | 1.5 | 5.1 | 2.7 | 0.21 | 0148-1L |
| 3739.00 | ccp | S/Sst : lt gy w | 9.3 | 65.1 | 6.3 | 9.0 | 38.7 | 11.1 | 15.3 | 49.8 | 7.98 | 0149-1L |

Depth unit of measure: m

| Depth | Typ | Lithology | Rock Extracted (g) | EOM (mg) | Sat (mg) | Aro (mg) | Asph (mg) | NSO (mg) | HC (mg) | Non-HC (mg) | TOC(e) (%) | Sample |
|---------|-----|-------------------------|--------------------------|-------------|-------------|-------------|--------------|-------------|------------|----------------|---------------|---------|
| 3739.20 | ccp | Sh/Clst: blk | 8.0 | 38.9 | 5.3 | 7.3 | 20.3 | 6.0 | 12.6 | 26.3 | 7.88 | 0150-1L |
| 3833.00 | swc | S/Sst : lt gy | 4.7 | 14.0 | 5.1 | 2.6 | 1.7 | 4.6 | 7.7 | 6.3 | - | 0144-1L |
| 3870.00 | swc | Sh/Clst: m gy | 5.0 | 17.3 | 8.7 | 4.2 | 2.4 | 2.0 | 12.9 | 4.4 | - | 0145-1L |
| 3913.00 | cut | S/Sst : w to lt gy w | 3.2 | 5.7 | 1.8 | 1.2 | 1.5 | 1.2 | 3.0 | 2.7 | 0.65 | 0038-1L |
| 4060.00 | cut | Sh/Clst: m gy to brn gy | 3.0 | 9.8 | 1.4 | 1.5 | 4.8 | 2.1 | 2.9 | 6.9 | 2.47 | 0086-2L |
| 4210.50 | swc | Sh/Clst: drk gy | 3.3 | 7.0 | 2.9 | 2.0 | 1.4 | 0.7 | 4.9 | 2.1 | - | 0146-1L |

Table 4 b: Concentration of EOM and Chromatographic Fraction (wt ppm rock) for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Typ | Lithology | EOM | Sat | Aro | Asph | NSO | HC | Non-HC | Sample |
|---------|-----|-----------------------------------|-------|------|------|------|------|------|--------|---------|
| 2754.50 | oil | RFT 2 3/4 gallon kammer | - | - | - | - | - | - | - | 0001-0B |
| 2754.50 | oil | RFT 1 gallon kammer | - | - | - | - | - | - | - | 0151-0B |
| 2760.00 | cut | S/Sst : lt gy w | 3442 | 491 | 491 | 1229 | 1229 | 983 | 2459 | 0059-1L |
| 3193.00 | cut | Sh/Clst: m gy to drk gy to brn gy | 11939 | 1215 | 2199 | 2416 | 6107 | 3415 | 8523 | 0012-1L |
| 3211.00 | cut | Sh/Clst: brn gy to drk brn gy | 6800 | 900 | 1484 | 2712 | 1703 | 2384 | 4416 | 0013-1L |
| 3229.00 | cut | Sh/Clst: drk brn gy to brn blk | 8915 | 1036 | 1764 | 4374 | 1740 | 2800 | 6114 | 0014-1L |
| 3247.00 | cut | Sh/Clst: drk gy to brn blk | 8820 | 986 | 1836 | 4387 | 1609 | 2823 | 5997 | 0076-1L |
| 3265.00 | cut | Sh/Clst: drk gy to brn blk | 10837 | 856 | 2182 | 6095 | 1703 | 3038 | 7799 | 0077-1L |
| 3283.00 | cut | Sh/Clst: brn gy to drk brn gy | 9660 | 679 | 1848 | 5754 | 1378 | 2527 | 7132 | 0015-1L |
| 3382.00 | cut | Sh/Clst: lt brn gy to brn gy | 4682 | 714 | 952 | 1904 | 1111 | 1666 | 3015 | 0021-1L |
| 3607.00 | cut | Sh/Clst: m gy to brn gy | 2205 | 252 | 421 | 1109 | 421 | 674 | 1530 | 0029-1L |
| 3730.00 | ccp | S/Sst : lt gy w | 470 | 129 | 105 | 105 | 129 | 235 | 235 | 0147-1L |
| 3732.00 | ccp | S/Sst : lt gy w | 975 | 562 | 75 | 150 | 187 | 637 | 337 | 0148-1L |
| 3739.00 | ccp | S/Sst : lt gy w | 6999 | 677 | 967 | 4161 | 1193 | 1645 | 5354 | 0149-1L |

Depth unit of measure: m

| Depth | Typ | Lithology | EOM | Sat | Aro | Asph | NSO | HC | Non-HC | Sample |
|---------|-----|-------------------------|------|------|-----|------|-----|------|--------|---------|
| 3739.20 | ccp | Sh/Clst: blk | 4862 | 662 | 912 | 2537 | 750 | 1575 | 3287 | 0150-1L |
| 3833.00 | swc | S/Sst : lt gy | 2978 | 1085 | 553 | 361 | 978 | 1638 | 1340 | 0144-1L |
| 3870.00 | swc | Sh/Clst: m gy | 3459 | 1740 | 840 | 480 | 399 | 2580 | 879 | 0145-1L |
| 3913.00 | cut | S/Sst : w to lt gy w | 1759 | 555 | 370 | 462 | 370 | 925 | 833 | 0038-1L |
| 4060.00 | cut | Sh/Clst: m gy to brn gy | 3299 | 471 | 505 | 1616 | 707 | 976 | 2323 | 0086-2L |
| 4210.50 | swc | Sh/Clst: drk gy | 2121 | 878 | 606 | 424 | 212 | 1484 | 636 | 0146-1L |

Table 4 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Typ | Lithology | EOM | Sat | Aro | Asph | NSO | HC | Non-HC | Sample |
|---------|-----|-----------------------------------|---------|--------|--------|--------|--------|--------|---------|---------|
| 2754.50 | oil | RFT 2 3/4 gallon kammer | - | - | - | - | - | - | - | 0001-0B |
| 2754.50 | oil | RFT 1 gallon kammer | - | - | - | - | - | - | - | 0151-0B |
| 2760.00 | cut | S/Sst : lt gy w | 1721.31 | 245.90 | 245.90 | 614.75 | 614.75 | 491.80 | 1229.51 | 0059-1L |
| 3193.00 | cut | Sh/Clst: m gy to drk gy to brn gy | 184.53 | 18.79 | 34.00 | 37.35 | 94.39 | 52.79 | 131.74 | 0012-1L |
| 3211.00 | cut | Sh/Clst: brn gy to drk brn gy | 86.19 | 11.41 | 18.81 | 34.38 | 21.59 | 30.22 | 55.97 | 0013-1L |
| 3229.00 | cut | Sh/Clst: drk brn gy to brn blk | 115.93 | 13.48 | 22.94 | 56.88 | 22.63 | 36.42 | 79.51 | 0014-1L |
| 3247.00 | cut | Sh/Clst: drk gy to brn blk | 123.37 | 13.80 | 25.69 | 61.37 | 22.52 | 39.48 | 83.88 | 0076-1L |
| 3265.00 | cut | Sh/Clst: drk gy to brn blk | 141.30 | 11.16 | 28.45 | 79.48 | 22.21 | 39.62 | 101.69 | 0077-1L |
| 3283.00 | cut | Sh/Clst: brn gy to drk brn gy | 112.99 | 7.95 | 21.62 | 67.30 | 16.12 | 29.56 | 83.43 | 0015-1L |
| 3382.00 | cut | Sh/Clst: lt brn gy to brn gy | 207.19 | 31.61 | 42.14 | 84.28 | 49.16 | 73.75 | 133.45 | 0021-1L |
| 3607.00 | cut | Sh/Clst: m gy to brn gy | 74.75 | 8.57 | 14.28 | 37.61 | 14.28 | 22.85 | 51.89 | 0029-1L |
| 3730.00 | ccp | S/Sst : lt gy w | 361.99 | 99.55 | 81.45 | 81.45 | 99.55 | 181.00 | 181.00 | 0147-1L |
| 3732.00 | ccp | S/Sst : lt gy w | 464.29 | 267.86 | 35.71 | 71.43 | 89.29 | 303.57 | 160.71 | 0148-1L |
| 3739.00 | ccp | S/Sst : lt gy w | 87.72 | 8.49 | 12.13 | 52.15 | 14.96 | 20.62 | 67.10 | 0149-1L |

Table 4 c: Concentration of EOM and Chromatographic Fraction (mg/g TOC(e)) for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Typ Lithology | EOM | Sat | Aro | Asph | NSO | HC | Non-HC | Sample |
|---------|-----------------------------|--------|-------|-------|-------|-------|--------|--------|---------|
| 3739.20 | ccp Sh/Clst: blk | 61.71 | 8.41 | 11.58 | 32.20 | 9.52 | 19.99 | 41.72 | 0150-1L |
| 3833.00 | swc S/Sst : lt gy | - | - | - | - | - | - | - | 0144-1L |
| 3870.00 | swc Sh/Clst: m gy | - | - | - | - | - | - | - | 0145-1L |
| 3913.00 | cut S/Sst : w to lt gy w | 270.66 | 85.47 | 56.98 | 71.23 | 56.98 | 142.45 | 128.21 | 0038-1L |
| 4060.00 | cut Sh/Clst: m gy to brn gy | 133.59 | 19.08 | 20.45 | 65.43 | 28.63 | 39.53 | 94.06 | 0086-2L |
| 4210.50 | swc Sh/Clst: drk gy | - | - | - | - | - | - | - | 0146-1L |

Table 4 d: Composition of material extracted from the rock (%) for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Typ | Lithology | Sat | Aro | Asph | NSO | HC | Non-HC | Sat | HC | Sample |
|---------|-------|-----------------------------------|-------|-------|-------|-------|-------|--------|--------|---------|---------|
| | | | EOM | EOM | EOM | EOM | EOM | EOM | Aro | Non-HC | |
| 2754.50 | RFT 2 | 3/4 gallon kammer | 52.79 | 25.38 | 2.54 | 19.29 | 78.17 | 21.83 | 208.00 | 358.14 | 0001-0B |
| 2754.50 | RFT 1 | gallon kammer | 71.45 | 20.00 | 1.22 | 7.33 | 91.45 | 8.55 | 357.25 | 1069.64 | 0151-0B |
| 2760.00 | cut | S/Sst : lt gy w | 14.29 | 14.29 | 35.71 | 35.71 | 28.57 | 71.43 | 100.00 | 40.00 | 0059-1L |
| 3193.00 | cut | Sh/Clst: m gy to drk gy to brn gy | 10.18 | 18.42 | 20.24 | 51.15 | 28.61 | 71.39 | 55.26 | 40.07 | 0012-1L |
| 3211.00 | cut | Sh/Clst: brn gy to drk brn gy | 13.24 | 21.82 | 39.89 | 25.04 | 35.06 | 64.94 | 60.66 | 53.99 | 0013-1L |
| 3229.00 | cut | Sh/Clst: drk brn gy to brn blk | 11.63 | 19.79 | 49.06 | 19.52 | 31.42 | 68.58 | 58.78 | 45.81 | 0014-1L |
| 3247.00 | cut | Sh/Clst: drk gy to brn blk | 11.18 | 20.82 | 49.74 | 18.25 | 32.01 | 67.99 | 53.70 | 47.07 | 0076-1L |
| 3265.00 | cut | Sh/Clst: drk gy to brn blk | 7.90 | 20.14 | 56.24 | 15.72 | 28.04 | 71.96 | 39.24 | 38.96 | 0077-1L |
| 3283.00 | cut | Sh/Clst: brn gy to drk brn gy | 7.03 | 19.13 | 59.57 | 14.27 | 26.16 | 73.84 | 36.76 | 35.43 | 0015-1L |
| 3382.00 | cut | Sh/Clst: lt brn gy to brn gy | 15.25 | 20.34 | 40.68 | 23.73 | 35.59 | 64.41 | 75.00 | 55.26 | 0021-1L |
| 3607.00 | cut | Sh/Clst: m gy to brn gy | 11.46 | 19.11 | 50.32 | 19.11 | 30.57 | 69.43 | 60.00 | 44.04 | 0029-1L |
| 3730.00 | ccp | S/Sst : lt gy w | 27.50 | 22.50 | 22.50 | 27.50 | 50.00 | 50.00 | 122.22 | 100.00 | 0147-1L |
| 3732.00 | ccp | S/Sst : lt gy w | 57.69 | 7.69 | 15.38 | 19.23 | 65.38 | 34.62 | 750.00 | 188.89 | 0148-1L |
| 3739.00 | ccp | S/Sst : lt gy w | 9.68 | 13.82 | 59.45 | 17.05 | 23.50 | 76.50 | 70.00 | 30.72 | 0149-1L |

Table 4 d: Composition of material extracted from the rock (%) for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Typ | Lithology | Sat | Aro | Asph | NSO | HC | Non-HC | Sat | HC | Sample |
|---------|-----|-------------------------|-------|-------|-------|-------|-------|--------|--------|--------|---------|
| | | | EOM | EOM | EOM | EOM | EOM | EOM | EOM | Aro | |
| 3739.20 | ccp | Sh/Clst: blk | 13.62 | 18.77 | 52.19 | 15.42 | 32.39 | 67.61 | 72.60 | 47.91 | 0150-1L |
| 3833.00 | swc | S/Sst : lt gy | 36.43 | 18.57 | 12.14 | 32.86 | 55.00 | 45.00 | 196.15 | 122.22 | 0144-1L |
| 3870.00 | swc | Sh/Clst: m gy | 50.29 | 24.28 | 13.87 | 11.56 | 74.57 | 25.43 | 207.14 | 293.18 | 0145-1L |
| 3913.00 | cut | S/Sst : w to lt gy w | 31.58 | 21.05 | 26.32 | 21.05 | 52.63 | 47.37 | 150.00 | 111.11 | 0038-1L |
| 4060.00 | cut | Sh/Clst: m gy to brn gy | 14.29 | 15.31 | 48.98 | 21.43 | 29.59 | 70.41 | 93.33 | 42.03 | 0086-2L |
| 4210.50 | swc | Sh/Clst: drk gy | 41.43 | 28.57 | 20.00 | 10.00 | 70.00 | 30.00 | 145.00 | 233.33 | 0146-1L |

Table 5 : Saturated Hydrocarbon Ratios for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Typ | Lithology | Pristane | Pristane | Pristane + Phytane | Phytane | CPI | Sample |
|---------|-----|-----------------------------------|----------|----------|--------------------|---------|------|---------|
| | | | nC17 | Phytane | nC17 + nC18 | nC18 | | |
| 2754.50 | oil | RFT 2 3/4 gallon kammer | 0.76 | 1.91 | 0.61 | 0.44 | 1.10 | 0001-0B |
| 2754.50 | oil | RFT 1 gallon kammer | 0.73 | 1.96 | 0.58 | 0.41 | 1.12 | 0151-0B |
| 2760.00 | cut | S/Sst : lt gy w | - | - | - | - | 1.34 | 0059-1L |
| 3193.00 | cut | Sh/Clst: m gy to drk gy to brn gy | 1.34 | 1.10 | 1.38 | 1.42 | 0.87 | 0012-1L |
| 3211.00 | cut | Sh/Clst: brn gy to drk brn gy | 1.42 | 1.08 | 1.46 | 1.52 | 1.02 | 0013-1L |
| 3229.00 | cut | Sh/Clst: drk brn gy to brn blk | 1.61 | 1.20 | 1.60 | 1.58 | 1.09 | 0014-1L |
| 3247.00 | cut | Sh/Clst: drk gy to brn blk | 1.88 | 1.36 | 1.77 | 1.63 | 1.13 | 0076-1L |
| 3265.00 | cut | Sh/Clst: drk gy to brn blk | 2.00 | 1.41 | 1.79 | 1.56 | 1.08 | 0077-1L |
| 3283.00 | cut | Sh/Clst: brn gy to drk brn gy | 2.19 | 1.65 | 1.80 | 1.39 | 1.11 | 0015-1L |
| 3382.00 | cut | Sh/Clst: lt brn gy to brn gy | 1.21 | 3.58 | 0.82 | 0.38 | 1.64 | 0021-1L |
| 3732.00 | ccp | S/Sst : lt gy w | 0.53 | 0.62 | 0.45 | 0.41 | - | 0148-1L |
| 3739.00 | ccp | S/Sst : lt gy w | 1.06 | 4.84 | 0.64 | 0.22 | 1.13 | 0149-1L |
| 3739.20 | ccp | Sh/Clst: blk | 1.04 | 5.16 | 0.62 | 0.20 | 1.11 | 0150-1L |
| 3833.00 | swc | S/Sst : lt gy | 0.67 | 1.36 | 0.62 | 0.57 | 1.04 | 0144-1L |

Table 5 : Saturated Hydrocarbon Ratios for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Typ | Lithology | Pristane | Pristane | Pristane + Phytane | Phytane | CPI | Sample |
|---------|-----|-------------------------|----------|----------|--------------------|---------|------|---------|
| | | | nC17 | Phytane | nC17 + nC18 | nC18 | | |
| 3870.00 | swc | Sh/Clst: m gy | 0.74 | 1.35 | 0.67 | 0.60 | 1.25 | 0145-1L |
| 3913.00 | cut | S/Sst : w to lt gy w | 0.51 | 2.41 | 0.37 | 0.22 | 1.09 | 0038-1L |
| 4060.00 | cut | Sh/Clst: m gy to brn gy | 0.42 | 2.02 | 0.32 | 0.21 | 1.13 | 0086-2L |
| 4210.50 | swc | Sh/Clst: drk gy | 1.67 | 1.39 | 1.49 | 1.29 | 1.21 | 0146-1L |

Table 6 : Aromatic Hydrocarbon Ratios for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Typ | Lithology | MNR | DMNR | BPhR | 2/1MP | MPI1 | MPI2 | Rc | DBT/P | 4/1MDBT | (3+2) /1MDBT | Sample |
|---------|-----|--------------------------------|------|------|------|-------|------|------|------|-------|---------|-----------------|---------|
| 2754.50 | oil | RFT 2 3/4 gallon kammer | 1.22 | - | 0.36 | - | 0.56 | - | 0.74 | 0.71 | - | - | 0001-0B |
| 2754.50 | oil | RFT 1 gallon kammer | 1.34 | 1.98 | 0.54 | - | - | - | - | - | - | - | 0151-0B |
| 2760.00 | cut | S/Sst : lt gy w | - | - | - | - | - | - | - | - | - | - | 0059-1L |
| 3211.00 | cut | Sh/Clst: brn gy to drk brn gy | 0.89 | 1.34 | 0.16 | 0.95 | 1.04 | 0.75 | 1.02 | 1.19 | 0.53 | 0.17 | 0013-1L |
| 3229.00 | cut | Sh/Clst: drk brn gy to brn blk | 1.00 | 0.89 | 0.19 | 0.79 | 0.71 | 0.55 | 0.83 | 0.85 | 0.79 | 0.32 | 0014-1L |
| 3247.00 | cut | Sh/Clst: drk gy to brn blk | 1.04 | 0.81 | 0.21 | 0.79 | 0.61 | 0.51 | 0.77 | 0.59 | 0.73 | 0.37 | 0076-1L |
| 3265.00 | cut | Sh/Clst: drk gy to brn blk | 1.05 | 0.80 | 0.21 | 0.80 | 0.71 | 0.55 | 0.83 | 0.81 | 0.94 | 0.47 | 0077-1L |
| 3283.00 | cut | Sh/Clst: brn gy to drk brn gy | 1.09 | 0.78 | 0.23 | 0.67 | 0.58 | 0.48 | 0.75 | 0.71 | 0.89 | 0.49 | 0015-1L |
| 3382.00 | cut | Sh/Clst: lt brn gy to brn gy | - | - | - | 0.93 | 0.60 | 0.62 | 0.76 | - | - | - | 0021-1L |
| 3732.00 | ccp | S/Sst : lt gy w | - | - | - | 2.53 | 2.17 | 1.77 | 1.70 | - | - | - | 0148-1L |
| 3739.00 | ccp | S/Sst : lt gy w | 1.23 | 1.18 | 0.20 | 1.46 | 0.78 | 0.98 | 0.87 | 0.13 | 4.30 | 1.61 | 0149-1L |
| 3739.20 | ccp | Sh/Clst: blk | 1.21 | 1.17 | 0.19 | 1.45 | 0.81 | 1.01 | 0.89 | 0.13 | 2.98 | 1.41 | 0150-1L |
| 3833.00 | swc | S/Sst : lt gy | 1.17 | 1.74 | 0.21 | 0.97 | 0.79 | 0.90 | 0.87 | - | 5.12 | 0.94 | 0144-1L |
| 3870.00 | swc | Sh/Clst: m gy | 1.15 | 1.74 | 0.18 | 0.91 | 0.74 | 0.77 | 0.84 | 0.26 | 5.01 | 0.96 | 0145-1L |
| 3913.00 | cut | S/Sst : w to lt gy w | - | 0.76 | - | 0.88 | 0.63 | 0.64 | 0.78 | 0.07 | 1.89 | 0.96 | 0038-1L |

Depth unit of measure: m

| Depth | Typ | Lithology | MNR | DMNR | BPhR | 2/1MP | MPI1 | MPI2 | Rc | DBT/P | 4/1MDBT (3+2) /1MDBT | Sample | |
|---------|-----|-------------------------|------|------|------|-------|------|------|------|-------|----------------------------|--------|---------|
| 4060.00 | cut | Sh/Clst: m gy to brn gy | 1.14 | 1.12 | 0.11 | 1.08 | 0.71 | 0.80 | 0.83 | 0.12 | 3.34 | 1.60 | 0086-2L |
| 4210.50 | swc | Sh/Clst: drk gy | 1.33 | 2.05 | 0.15 | 1.03 | 0.79 | 0.90 | 0.87 | 0.24 | 5.89 | 1.24 | 0146-1L |

Table 7 : Thermal Maturity Data for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Typ Lithology | Vitrinite Reflectance (%) | Number of Readings | Standard Deviation | Spore Fluorescence Colour | SCI | T _{max} (°C) | Sample |
|---------|---------------|---------------------------|--------------------|--------------------|---------------------------|-----|-----------------------|---------|
| 1070.00 | ker bulk | 0.29 | 10 | 0.03 | - | - | - | 0117-0B |
| 1170.00 | ker bulk | 0.27 | 10 | 0.05 | - | - | - | 0118-0B |
| 1270.00 | ker bulk | 0.30 | 11 | 0.03 | - | - | - | 0119-0B |
| 1370.00 | ker bulk | 0.30 | 5 | 0.04 | - | - | - | 0120-0B |
| 1500.00 | ker bulk | 0.31 | 2 | 0.01 | - | - | - | 0121-0B |
| 1710.00 | ker bulk | 0.30 | 7 | 0.03 | - | - | - | 0122-0B |
| 1847.00 | ker bulk | NDP | - | - | - | - | - | 0123-0B |
| 1944.00 | ker bulk | NDP | - | - | - | - | - | 0124-0B |
| 2088.00 | ker bulk | 0.47 | 3 | 0.01 | - | - | - | 0125-0B |
| 2144.00 | ker bulk | 0.37 | 7 | 0.04 | - | - | - | 0126-0B |
| 2656.00 | ker bulk | 0.43 | 10 | 0.04 | - | - | - | 0127-0B |
| 2825.00 | ker bulk | 0.44 | 9 | 0.04 | - | - | - | 0128-0B |
| 3107.50 | ker bulk | 1.31 | 11 | 0.07 | - | - | - | 0129-0B |
| 3178.00 | ker bulk | 0.39 | 2 | 0.04 | - | - | - | 0130-0B |

Depth unit of measure: m

| Depth | Typ Lithology | Vitrinite Reflectance (%) | Number of Readings | Standard Deviation | Spore -- Fluorescence Colour | SCI | T _{max} (°C) | Sample |
|---------|---------------|---------------------------|--------------------|--------------------|------------------------------|-----|-----------------------|---------|
| 3268.00 | ker bulk | 0.43 | 10 | 0.05 | - | - | - | 0131-0B |
| 3273.50 | ker bulk | 0.42 | 10 | 0.04 | - | - | - | 0132-0B |
| 3330.00 | ker bulk | 0.51 | 12 | 0.04 | - | - | - | 0133-0B |
| 3434.50 | ker bulk | 0.51 | 12 | 0.04 | - | - | - | 0134-0B |
| 3469.00 | ker bulk | 0.51 | 9 | 0.04 | - | - | - | 0135-0B |
| 3565.00 | ker bulk | 0.54 | 10 | 0.07 | - | - | - | 0136-0B |
| 3820.00 | ker bulk | 0.59 | 13 | 0.07 | - | - | - | 0137-0B |
| 3885.00 | ker bulk | 0.50 | 9 | 0.06 | - | - | - | 0138-0B |
| 3998.00 | ker bulk | 0.53 | 13 | 0.07 | - | - | - | 0139-0B |
| 4088.00 | ker bulk | 0.71 | 12 | 0.06 | - | - | - | 0140-0B |
| 4144.00 | ker bulk | 0.73 | 8 | 0.04 | - | - | - | 0141-0B |
| 4210.50 | ker bulk | 0.69 | 8 | 0.03 | - | - | - | 0142-0B |
| 4250.00 | ker bulk | 0.85 | 9 | 0.06 | - | - | - | 0143-0B |

Table 8a
Carbon Isotope Values for Headspace Gas.

| Depth | C1 | C2 | C3 | i-C4 | n-C4 |
|-------|-------|-------|-------|-------|-------|
| 2750 | -42.9 | -31.6 | -28.7 | -28.0 | -27.6 |
| 2830 | -41.7 | -31.8 | -21.1 | -30.5 | -27.6 |
| 3202 | -27.5 | -41.3 | -38.0 | -27.7 | -28.9 |
| 3391 | -33.9 | -32.8 | -32.2 | -31.4 | -32.4 |
| 3562 | -40.6 | -29.6 | -30.0 | -27.5 | -29.0 |
| 3742 | -41.8 | -32.4 | -30.8 | -29.8 | -31.4 |
| 3850 | -40.8 | -34.9 | -32.0 | -31.3 | -31.1 |
| 4069 | -37.6 | -30.3 | -29.7 | -30.3 | -29.4 |
| 4339 | -37.8 | -29.6 | -27.3 | -26.8 | -28.4 |

Table 8b
Hydrogen Isotope Values for Headspace Methane.

| Depth | δH |
|-------|------------|
| 2750 | -196 |
| 2830 | -212 |
| 3202 | -174 |
| 3391 | -187 |
| 3562 | -192 |
| 3742 | -162 |
| 3850 | -187 |
| 4069 | - |
| 4339 | -200 |

Table 9a : Tabulation of carbon isotope data for EOM/Oil - fractions or Oils for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Typ | Lithology | EOM/Oil | Saturated | Aromatic | NSO | Asphaltenes | Kerogen | Sample |
|---------|-----|-------------------------|---------|-----------|----------|--------|-------------|---------|---------|
| 2754.50 | oil | RFT 2 3/4 gallon kammer | -28.03 | -28.39 | -27.62 | -27.81 | -28.09 | - | 0001-0B |
| 2754.50 | oil | RFT 1 gallon kammer | -28.00 | -28.14 | -27.54 | -27.88 | -27.49 | - | 0151-0 |
| 2760.00 | cut | | - | -26.04 | -26.12 | -27.69 | -27.13 | - | 0059-1L |
| 3193.00 | cut | | - | -32.47 | -31.90 | -30.82 | -29.86 | - | 0012-1L |
| 3265.00 | cut | | -26.31 | -29.10 | -27.08 | -27.06 | -25.76 | - | 0077-1L |
| 3283.00 | cut | | -25.69 | -28.03 | -26.32 | -26.12 | -25.30 | - | 0015-1L |
| 3739.00 | ccp | | -25.03 | -28.60 | -26.00 | -25.37 | -24.38 | - | 0149-0B |
| 3739.20 | ccp | | -25.13 | -28.39 | -26.64 | -25.41 | -24.36 | - | 0150-0B |
| 3833.00 | swc | | - | -29.08 | -28.50 | -28.87 | -27.93 | - | 0144-1L |
| 3913.00 | cut | | - | -28.37 | -28.36 | -28.36 | -27.31 | - | 0038-1L |
| 4210.50 | swc | | - | -28.52 | -26.98 | -27.64 | -25.78 | - | 0146-1L |

Table 9b : Tabulation of cv values from carbon isotope data for well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Typ | Lithology | Saturated | Aromatic | cv value | Sample |
|---------|-----|-------------------------|-----------|----------|----------|---------|
| 2754.50 | oil | RFT 2 3/4 gallon kammer | -28.39 | -27.62 | -1.14 | 0001-0B |
| 2754.50 | oil | RFT 1 gallon kammer | -28.14 | -27.54 | -1.59 | 0151-0 |
| 2760.00 | cut | | -26.04 | -26.12 | -3.76 | 0059-1L |
| 3193.00 | cut | | -32.47 | -31.90 | -0.32 | 0012-1L |
| 3265.00 | cut | | -29.10 | -27.08 | 1.86 | 0077-1L |
| 3283.00 | cut | | -28.03 | -26.32 | 0.84 | 0015-1L |
| 3739.00 | ccp | | -28.60 | -26.00 | 2.99 | 0149-0B |
| 3739.20 | ccp | | -28.39 | -26.64 | 1.04 | 0150-0B |
| 3833.00 | swc | | -29.08 | -28.50 | -1.35 | 0144-1L |
| 3913.00 | cut | | -28.37 | -28.36 | -2.83 | 0038-1L |
| 4210.50 | swc | | -28.52 | -26.98 | 0.61 | 0146-1L |

TABLE 10. OIL ANALYSIS FROM GECO-PRAKLA LAB

Oil Sample 2754,5 m RFT 2 3/4 gallon kammer

| | Gravity (15°C) g/cc | S mg/l | N mg/l | V mg/l |
|---------------------|------------------------|-----------|-----------|-----------|
| Whole oil | 0.8303 | 0.13 | 1.9 | 1.4 |
| BP > 210°C fraction | 0.8447 | | 1.3 | 1.0 |

Table 11A: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Lithology | B/A | B/B+A | B | | C/E | C/C+E | X/E | Z/E | Z/C | Z/Z+E | Q/E | E/E+F | C+D | | J1 | | Sample |
|---------|-----------|-------|-------|-------|------|------|-------|------|------|------|-------|------|-------|---------|---------|--------|--|--------|
| | | | | B+E+F | | | | | | | | | | C+D+E+F | D+F/C+E | J1+J2% | | |
| 2754.50 | RFT 2 3/4 | 1.15 | 0.53 | 0.21 | 0.51 | 0.34 | 0.07 | 0.12 | 0.24 | 0.11 | 0.23 | 0.93 | 0.38 | 0.15 | 57.92 | 0001-0 | | |
| 2754.50 | RFT 1 | 1.43 | 0.59 | 0.21 | 0.53 | 0.35 | 0.07 | 0.11 | 0.22 | 0.10 | 0.17 | 0.93 | 0.39 | 0.14 | 51.75 | 0151-0 | | |
| 2760.00 | S/Sst | 0.98 | 0.49 | 0.17 | 0.38 | 0.27 | 0.11 | 0.08 | 0.22 | 0.08 | 0.28 | 0.91 | 0.33 | 0.18 | 49.18 | 0059-1 | | |
| 3193.00 | Sh/Clst | 4.88 | 0.83 | 0.17 | 0.34 | 0.25 | 0.03 | 0.03 | 0.09 | 0.03 | 0.08 | 0.90 | 0.25 | 0.10 | 59.86 | 0012-1 | | |
| 3211.00 | Sh/Clst | 4.41 | 0.82 | 0.18 | 0.37 | 0.27 | 0.03 | 0.43 | 1.17 | 0.30 | 0.04 | 0.92 | 0.27 | 0.08 | 57.65 | 0013-1 | | |
| 3247.00 | Sh/Clst | 7.75 | 0.89 | 0.22 | 0.51 | 0.34 | 0.03 | 0.58 | 1.13 | 0.37 | 0.03 | 0.89 | 0.34 | 0.13 | 58.49 | 0076-1 | | |
| 3265.00 | Sh/Clst | 10.36 | 0.91 | 0.23 | 0.57 | 0.36 | 0.04 | 1.03 | 1.82 | 0.51 | 0.03 | 0.90 | 0.36 | 0.10 | 59.62 | 0077-1 | | |
| 3283.00 | Sh/Clst | 15.87 | 0.94 | 0.27 | 0.79 | 0.44 | 0.05 | 1.59 | 2.00 | 0.61 | 0.03 | 0.87 | 0.43 | 0.13 | 59.27 | 0015-1 | | |
| 3732.00 | S/Sst | 0.38 | 0.28 | 0.33 | 1.67 | 0.63 | - | 0.05 | 0.03 | 0.05 | 1.34 | 1.00 | 0.64 | 0.03 | 49.68 | 0148-1 | | |
| 3739.00 | S/Sst | 5.99 | 0.86 | 0.18 | 0.56 | 0.36 | 0.12 | 0.12 | 0.22 | 0.11 | 0.01 | 0.87 | 0.36 | 0.15 | 57.59 | 0149-1 | | |
| 3739.20 | Sh/Clst | 5.47 | 0.85 | 0.18 | 0.53 | 0.35 | 0.12 | 0.11 | 0.20 | 0.10 | 0.01 | 0.88 | 0.34 | 0.13 | 59.29 | 0150-1 | | |
| 3833.00 | S/Sst | 1.11 | 0.53 | 0.10 | 0.47 | 0.32 | 0.03 | 0.26 | 0.56 | 0.21 | 0.11 | 0.95 | 0.33 | 0.08 | 65.24 | 0144-1 | | |
| 3870.00 | Sh/Clst | 1.30 | 0.57 | 0.18 | 0.56 | 0.36 | 0.04 | 0.07 | 0.13 | 0.07 | 1.01 | 0.95 | 0.36 | 0.06 | 62.02 | 0145-1 | | |
| 3913.00 | S/Sst | 1.22 | 0.55 | 0.13 | 0.42 | 0.30 | 0.13 | 0.03 | 0.06 | 0.02 | 0.13 | 0.92 | 0.30 | 0.09 | 61.21 | 0038-1 | | |

Table 11A: Variation in Triterpane Distribution (peak height) SIR for Well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Lithology | B/A | B/B+A | B | | C/E | C/C+E | X/E | Z/E | Z/C | Z/Z+E | Q/E | E/E+F | C+D | | J1 | | Sample |
|---------|-----------|------|-------|-------|------|------|-------|------|------|------|-------|------|-------|---------|---------|--------|--|--------|
| | | | | B+E+F | | | | | | | | | | C+D+E+F | D+F/C+E | J1+J2% | | |
| 4210.50 | Sh/Clst | 1.17 | 0.54 | 0.27 | 0.77 | 0.44 | 0.07 | 0.08 | 0.11 | 0.08 | 1.95 | 0.94 | 0.44 | 0.07 | 63.48 | | | 0146-1 |

Depth unit of measure: m

| Depth | Lithology | Ratio1 | Ratio2 | Ratio3 | Ratio4 | Ratio5 | Ratio6 | Ratio7 | Ratio8 | Ratio9 | Ratio10 | Sample |
|---------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 2754.50 | RFT 2 3/4 | 0.71 | 31.55 | 67.55 | 1.33 | 0.77 | 0.66 | 0.51 | 0.51 | 0.46 | 1.52 | 0001-0 |
| 2754.50 | RFT 1 | 0.77 | 32.63 | 74.69 | 1.29 | 0.82 | 0.60 | 0.47 | 0.60 | 0.48 | 2.19 | 0151-0 |
| 2760.00 | S/Sst | - | - | - | - | - | - | - | - | - | - | 0059-1 |
| 3193.00 | Sh/Clst | 0.74 | 52.04 | 64.18 | 2.15 | 0.63 | 0.44 | 0.28 | 0.47 | 1.09 | 1.87 | 0012-1 |
| 3211.00 | Sh/Clst | 0.76 | 47.78 | 68.62 | 1.92 | 0.70 | 0.37 | 0.23 | 0.52 | 0.91 | 2.09 | 0013-1 |
| 3247.00 | Sh/Clst | 0.78 | 44.63 | 64.63 | 1.85 | 0.67 | 0.34 | 0.23 | 0.48 | 0.81 | 1.65 | 0076-1 |
| 3265.00 | Sh/Clst | 0.80 | 47.78 | 78.82 | 1.48 | 0.80 | 0.25 | 0.19 | 0.65 | 0.92 | 3.56 | 0077-1 |
| 3283.00 | Sh/Clst | 0.82 | 44.41 | 80.12 | 1.39 | 0.82 | 0.21 | 0.16 | 0.67 | 0.80 | 3.62 | 0015-1 |
| 3732.00 | S/Sst | 0.91 | 55.03 | 77.37 | 3.06 | 0.76 | 0.76 | 0.55 | 0.63 | 1.22 | 3.80 | 0148-1 |
| 3739.00 | S/Sst | 0.83 | 50.99 | 76.04 | 0.57 | 0.76 | 0.24 | 0.18 | 0.61 | 1.04 | 3.24 | 0149-1 |
| 3739.20 | Sh/Clst | 0.80 | 42.07 | 72.10 | 0.49 | 0.75 | 0.20 | 0.15 | 0.56 | 0.73 | 2.23 | 0150-1 |
| 3833.00 | S/Sst | 0.69 | 40.28 | 78.30 | 1.13 | 0.82 | 0.54 | 0.39 | 0.64 | 0.67 | 3.02 | 0144-1 |

Ratio1: $a / a + j$ Ratio2: $q / q + t * 100\%$ Ratio3: $2(r + s) / (q + t + 2(r + s)) * 100\%$ Ratio4: $a + b + c + d / h + k + l + n$ Ratio5: $r + s / r + s + q$ Ratio6: $u + v / u + v + q + r + s + t$ Ratio7: $u + v / u + v + i + m + n + q + r + s + t$ Ratio8: $r + s / q + r + s + t$ Ratio9: q / t Ratio10: $r + s / t$

Table 11B: Variation in Sterane Distribution (peak height) SIR for Well NOCS 6507/6-2

Depth unit of measure: m

| <u>Depth</u> | <u>Lithology</u> | <u>Ratio1</u> | <u>Ratio2</u> | <u>Ratio3</u> | <u>Ratio4</u> | <u>Ratio5</u> | <u>Ratio6</u> | <u>Ratio7</u> | <u>Ratio8</u> | <u>Ratio9</u> | <u>Ratio10</u> | <u>Sample</u> |
|--------------|------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|---------------|
| 3870.00 | Sh/Clst | 0.85 | 39.44 | 78.61 | 2.39 | 0.82 | 0.93 | 0.85 | 0.65 | 0.65 | 3.03 | 0145-1 |
| 3913.00 | S/Sst | 0.83 | 47.24 | 80.55 | 1.33 | 0.81 | 0.62 | 0.50 | 0.67 | 0.90 | 3.92 | 0038-1 |
| 4210.50 | Sh/Clst | 0.87 | 43.08 | 76.37 | 3.14 | 0.79 | 0.95 | 0.88 | 0.62 | 0.76 | 2.84 | 0146-1 |

Ratio1: $a / a + j$

Ratio2: $q / q + t * 100\%$

Ratio3: $2(r + s) / (q + t + 2(r + s)) * 100\%$

Ratio4: $a + b + c + d / h + k + l + n$

Ratio5: $r + s / r + s + q$

Ratio6: $u + v / u + v + q + r + s + t$

Ratio7: $u + v / u + v + i + m + n + q + r + s + t$

Ratio8: $r + s / q + r + s + t$

Ratio9: q / t

Ratio10: $r + s / t$

Depth unit of measure: m

| Depth | Lithology | Ratio1 | Ratio2 | Ratio3 | Ratio4 | Ratio5 | Sample |
|---------|-----------|--------|--------|--------|--------|--------|--------|
| 2754.50 | RFT 2 3/4 | 0.22 | 0.29 | 0.11 | 0.09 | 0.12 | 0001-0 |
| 2754.50 | RFT 1 | 0.23 | 0.26 | 0.10 | 0.09 | 0.13 | 0151-0 |
| 2760.00 | S/Sst | - | - | - | - | - | 0059-1 |
| 3211.00 | Sh/Clst | 0.35 | 0.30 | 0.09 | 0.12 | 0.11 | 0013-1 |
| 3247.00 | Sh/Clst | 0.26 | 0.22 | 0.08 | 0.10 | 0.10 | 0076-1 |
| 3265.00 | Sh/Clst | 0.27 | 0.22 | 0.09 | 0.10 | 0.12 | 0077-1 |
| 3283.00 | Sh/Clst | 0.26 | 0.20 | 0.09 | 0.11 | 0.15 | 0015-1 |
| 3732.00 | S/Sst | - | - | - | - | - | 0148-1 |
| 3739.00 | S/Sst | 0.31 | 0.25 | 0.19 | 0.16 | 0.39 | 0149-1 |
| 3739.20 | Sh/Clst | 0.31 | 0.25 | 0.20 | 0.16 | 0.43 | 0150-1 |
| 3833.00 | S/Sst | 0.35 | 0.34 | 0.16 | 0.15 | 0.21 | 0144-1 |
| 3870.00 | Sh/Clst | 0.74 | 0.85 | 0.56 | 0.48 | 0.52 | 0145-1 |
| 3913.00 | S/Sst | 0.89 | 0.86 | 0.74 | 0.73 | 0.84 | 0038-1 |

Ratio1: a1 / a1 + g1

Ratio2: b1 / b1 + g1

Ratio3: a1 + b1 / a1 + b1 + c1 + d1 + e1 + f1 + g1

Ratio4: a1 / a1 + e1 + f1 + g1

Ratio5: a1 / a1 + d1

Table 11C: Variation in Triaromatic Sterane Distribution for Well NOCS 6507/6-2

Depth unit of measure: m

| <u>Depth</u> | <u>Lithology</u> | <u>Ratio1</u> | <u>Ratio2</u> | <u>Ratio3</u> | <u>Ratio4</u> | <u>Ratio5</u> | <u>Sample</u> |
|--------------|------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 4210.50 | Sh/Clst | 0.96 | 0.94 | 0.79 | 0.85 | 0.83 | 0146-1 |

Ratio1: $a1 / a1 + g1$

Ratio2: $b1 / b1 + g1$

Ratio3: $a1 + b1 / a1 + b1 + c1 + d1 + e1 + f1 + g1$

Ratio4: $a1 / a1 + e1 + f1 + g1$

Ratio5: $a1 / a1 + d1$

Depth unit of measure: m

| Depth | Lithology | Ratio1 | Ratio2 | Ratio3 | Ratio4 | Sample |
|---------|-----------|--------|--------|--------|--------|--------|
| 2754.50 | RFT 2 3/4 | 0.33 | 0.20 | 0.22 | 0.18 | 0001-0 |
| 2754.50 | RFT 1 | 0.31 | 0.21 | 0.19 | 0.17 | 0151-0 |
| 2760.00 | S/Sst | 0.35 | - | 0.24 | 0.24 | 0059-1 |
| 3211.00 | Sh/Clst | 0.19 | 0.13 | 0.12 | 0.11 | 0013-1 |
| 3247.00 | Sh/Clst | 0.23 | 0.13 | 0.14 | 0.11 | 0076-1 |
| 3265.00 | Sh/Clst | 0.24 | 0.13 | 0.14 | 0.11 | 0077-1 |
| 3283.00 | Sh/Clst | 0.26 | 0.14 | 0.15 | 0.11 | 0015-1 |
| 3732.00 | S/Sst | 0.41 | 0.21 | 0.28 | 0.24 | 0148-1 |
| 3739.00 | S/Sst | 0.33 | 0.18 | 0.14 | 0.11 | 0149-1 |
| 3739.20 | Sh/Clst | 0.41 | 0.10 | 0.18 | 0.12 | 0150-1 |
| 3833.00 | S/Sst | 0.44 | 0.33 | 0.31 | 0.28 | 0144-1 |
| 3870.00 | Sh/Clst | 0.66 | 0.47 | 0.53 | 0.47 | 0145-1 |
| 3913.00 | S/Sst | 0.70 | 0.60 | 0.54 | 0.46 | 0038-1 |
| 4210.50 | Sh/Clst | 0.70 | 0.53 | 0.57 | 0.50 | 0146-1 |

Ratio1: A1 / A1 + E1

Ratio2: B1 / B1 + E1

Ratio3: A1 / A1 + E1 + G1

Ratio4: A1+B1 / A1+B1+C1+D1+E1+F1+G1+H1+I1

Table 11E: Aromatisation of Steranes for Well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Lithology | Ratio1 | Ratio2 | Sample |
|---------|-----------|--------|--------|--------|
| 2754.50 | RFT 2 3/4 | 0.68 | 0.68 | 0001-0 |
| 2754.50 | RFT 1 | 0.71 | 0.65 | 0151-0 |
| 2760.00 | S/Sst | 1.00 | - | 0059-1 |
| 3211.00 | Sh/Clst | 0.58 | 0.83 | 0013-1 |
| 3247.00 | Sh/Clst | 0.59 | 0.86 | 0076-1 |
| 3265.00 | Sh/Clst | 0.58 | 0.94 | 0077-1 |
| 3283.00 | Sh/Clst | 0.59 | 0.91 | 0015-1 |
| 3732.00 | S/Sst | 0.60 | 0.71 | 0148-1 |
| 3739.00 | S/Sst | 0.26 | 0.98 | 0149-1 |
| 3739.20 | Sh/Clst | 0.26 | 0.96 | 0150-1 |
| 3833.00 | S/Sst | 0.30 | 0.95 | 0144-1 |
| 3870.00 | Sh/Clst | 0.62 | 0.94 | 0145-1 |
| 3913.00 | S/Sst | 0.32 | 0.93 | 0038-1 |

$$\text{Ratio1: } \frac{\text{C1+D1+E1+F1+G1+H1+I1}}{\text{C1+D1+E1+F1+G1+H1+I1} + \text{c1+d1+e1+f1+g1}}$$

$$\text{Ratio2: } \text{g1} / \text{g1} + \text{I1}$$

Depth unit of measure: m

| <u>Depth</u> | <u>Lithology</u> | <u>Ratio1</u> | <u>Ratio2</u> | <u>Sample</u> |
|--------------|------------------|---------------|---------------|---------------|
| 4210.50 | Sh/Clst | 0.79 | 0.64 | 0146-1 |

$$\text{Ratio1: } \frac{\text{C1+D1+E1+F1+G1+H1+I1}}{\text{C1+D1+E1+F1+G1+H1+I1} + \text{c1+d1+e1+f1+g1}}$$

$$\text{Ratio2: } \text{g1} / \text{g1} + \text{I1}$$

Table 11F: Raw GCMS triterpane data (peak height) SIR for Well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Lithology | p | q | r | s | t | a | b | z | c | Sample |
|---------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | x | d | e | f | g | h | i | j1 | | |
| | | j2 | k1 | k2 | l1 | l2 | m1 | m2 | | | |
| 2754.50 | RFT 2 3/4 | 19.13 | 16.92 | 5.40 | 14.14 | 3.12 | 18.16 | 20.82 | 8.99 | 38.25 | 0001-0 |
| | | 5.39 | 10.84 | 74.45 | 5.54 | 15.53 | 12.28 | 2.83 | 8.67 | | |
| | | 6.30 | 6.29 | 4.04 | 5.10 | 2.48 | 3.91 | 2.08 | | | |
| 2754.50 | RFT 1 | 17.98 | 13.23 | 3.96 | 11.99 | 1.98 | 15.28 | 21.86 | 8.83 | 41.01 | 0151-0 |
| | | 5.78 | 11.18 | 77.15 | 5.69 | 15.00 | 10.52 | 2.26 | 6.05 | | |
| | | 5.64 | 4.16 | 2.37 | 3.53 | 1.68 | 2.05 | 1.50 | | | |
| 2760.00 | S/Sst | 1.17 | 1.15 | 0.41 | 0.55 | 0.00 | 0.90 | 0.88 | 0.34 | 1.53 | 0059-1 |
| | | 0.44 | 0.63 | 4.05 | 0.38 | 0.68 | 0.35 | 0.27 | 0.60 | | |
| | | 0.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 3193.00 | Sh/Clst | 92.67 | 75.02 | 33.09 | 34.10 | 15.25 | 42.88 | 209.20 | 26.53 | 311.75 | 0012-1 |
| | | 26.27 | 26.03 | 915.26 | 99.08 | 413.25 | 269.82 | 50.91 | 225.42 | | |
| | | 151.18 | 188.20 | 111.52 | 142.85 | 82.34 | 147.74 | 92.91 | | | |
| 3211.00 | Sh/Clst | 28.89 | 19.17 | 7.25 | 12.43 | 2.81 | 23.38 | 103.06 | 189.08 | 162.15 | 0013-1 |
| | | 13.88 | 12.38 | 438.07 | 38.55 | 210.59 | 130.67 | 23.59 | 106.36 | | |
| | | 78.14 | 82.59 | 51.88 | 62.81 | 37.29 | 76.63 | 48.36 | | | |

Depth unit of measure: m

| Depth | Lithology | p | q | r | s | t | a | b | z | c | Sample |
|---------|-----------|---------------------------|---------------------------|---------------------------|----------------------------|-------------------------|---------------------------|---------------------------|------------------|---------------|--------|
| | | x | d | e | f | g | h | i | j1 | | |
| | | j2 | k1 | k2 | l1 | l2 | m1 | m2 | | | |
| 3247.00 | Sh/Clst | 21.90 13.63 68.88 | 10.69 26.17 71.11 | 4.53 399.31 47.79 | 14.66 49.64 55.57 | 1.73 207.53 33.01 | 16.72 127.81 68.97 | 129.57 32.66 42.27 | 230.01 97.04 | 203.02 | 0076-1 |
| 3265.00 | Sh/Clst | 29.79 27.05 109.92 | 17.01 33.92 116.05 | 7.76 602.21 79.40 | 24.77 63.65 87.39 | 2.90 326.78 56.77 | 19.42 209.48 110.87 | 201.15 48.34 68.16 | 621.17 162.32 | 340.47 | 0077-1 |
| 3283.00 | Sh/Clst | 36.37 31.09 124.03 | 19.41 51.28 130.99 | 10.73 606.36 88.90 | 28.95 92.19 108.18 | 3.25 374.19 65.70 | 16.11 249.53 115.92 | 255.65 69.01 76.51 | 966.34 180.49 | 481.99 | 0015-1 |
| 3732.00 | S/Sst | 72.80 0.00 2.39 | 33.27 1.79 1.62 | 17.58 24.84 1.05 | 57.83 0.00 0.00 | 10.64 0.00 0.00 | 31.90 6.10 0.00 | 12.25 4.19 0.00 | 1.30 0.00 | 41.45 2.36 | 0148-1 |
| 3739.00 | S/Sst | 26.99 158.29 246.25 | 12.62 101.06 175.73 | 0.00 1297.69 129.45 | 118.37 197.34 102.33 | 0.00 679.90 74.92 | 55.24 474.85 43.28 | 331.11 131.80 26.48 | 159.53 334.42 | 723.02 | 0149-1 |

Depth unit of measure: m

| Depth | Lithology | p | q | r | s | t | a | b | z | c | Sample |
|---------|-----------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | x | d | e | f | g | h | i | j1 | | |
| | | j2 | k1 | k2 | l1 | l2 | m1 | m2 | | | |
| | | | | | | | | | | | |
| 3739.20 | Sh/Clst | 17.45 | 10.17 | 0.00 | 71.22 | 0.00 | 39.13 | 214.08 | 89.08 | 447.82 | 0150-1 |
| | | 101.11 | 59.26 | 848.03 | 115.16 | 432.49 | 273.28 | 71.84 | 189.28 | | |
| | | 129.94 | 90.50 | 64.49 | 55.99 | 34.27 | 20.42 | 12.12 | | | |
| 3833.00 | S/Sst | 56.14 | 34.67 | 13.61 | 20.97 | 6.55 | 33.69 | 37.41 | 84.35 | 149.84 | 0144-1 |
| | | 8.10 | 18.56 | 321.87 | 18.60 | 96.69 | 68.35 | 9.86 | 62.29 | | |
| | | 33.19 | 46.44 | 31.06 | 25.77 | 15.76 | 22.24 | 14.28 | | | |
| 3870.00 | Sh/Clst | 77.09 | 43.16 | 14.95 | 19.19 | 7.66 | 7.60 | 9.88 | 3.12 | 23.82 | 0145-1 |
| | | 1.81 | 1.75 | 42.59 | 2.21 | 12.39 | 11.61 | 1.20 | 5.29 | | |
| | | 3.24 | 2.98 | 2.64 | 1.38 | 1.08 | 1.55 | 0.00 | | | |
| 3913.00 | S/Sst | 95.62 | 40.40 | 12.39 | 47.34 | 10.05 | 42.62 | 51.89 | 7.74 | 131.16 | 0038-1 |
| | | 39.14 | 12.71 | 308.79 | 27.81 | 125.47 | 83.42 | 16.90 | 74.36 | | |
| | | 47.12 | 35.15 | 29.19 | 21.29 | 14.88 | 10.72 | 5.45 | | | |
| 4210.50 | Sh/Clst | 90.19 | 49.88 | 14.64 | 20.00 | 8.26 | 8.52 | 10.01 | 2.08 | 19.79 | 0146-1 |
| | | 1.77 | 1.77 | 25.59 | 1.55 | 6.66 | 9.77 | 0.61 | 3.72 | | |
| | | 2.14 | 1.49 | 0.00 | 1.08 | 0.00 | 0.00 | 0.00 | | | |

Depth unit of measure: m

| Depth | Lithology | u | v | a | b | c | d | e | f | g | Sample |
|---------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | h | i | j | k | l | m | n | o | | |
| | | p | q | r | s | t | | | | | |
| 2754.50 | RFT 2 3/4 | 35.41 | 11.50 | 28.81 | 18.18 | 7.12 | 7.64 | 10.29 | 7.42 | 6.07 | 0001-0 |
| | | 19.89 | 10.40 | 11.57 | 15.16 | 5.21 | 3.75 | 6.12 | 9.01 | | |
| | | 6.29 | 3.71 | 6.54 | 5.70 | 8.05 | | | | | |
| 2754.50 | RFT 1 | 24.57 | 7.79 | 27.71 | 15.08 | 5.01 | 4.29 | 9.82 | 5.70 | 4.75 | 0151-0 |
| | | 18.37 | 8.89 | 8.11 | 13.26 | 4.42 | 2.90 | 4.19 | 8.34 | | |
| | | 4.73 | 2.80 | 6.72 | 5.94 | 5.78 | | | | | |
| 2760.00 | S/Sst | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0059-1 |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 3193.00 | Sh/Clst | 206.41 | 63.73 | 439.35 | 282.52 | 119.42 | 127.26 | 196.72 | 121.32 | 146.66 | 0012-1 |
| | | 153.26 | 147.81 | 156.41 | 136.85 | 58.73 | 94.08 | 100.97 | 106.83 | | |
| | | 77.98 | 94.68 | 86.55 | 76.41 | 87.25 | | | | | |
| 3211.00 | Sh/Clst | 69.46 | 20.93 | 174.59 | 115.44 | 46.18 | 48.38 | 79.62 | 48.48 | 62.85 | 0013-1 |
| | | 74.54 | 72.79 | 54.41 | 63.53 | 21.23 | 35.10 | 41.52 | 49.99 | | |
| | | 27.48 | 34.55 | 45.56 | 33.50 | 37.76 | | | | | |

Table 11G: Raw GCMS sterane data (peak height) SIR for Well NOCS 6507/6-2

Depth unit of measure: m

| Depth | Lithology | u | v | a | b | c | d | e | f | g | Sample |
|---------|-----------|--------------------------|-------------------------|---------------------------|--------------------------|-------------------------|----------------|----------------|----------------|-------|--------|
| | | h | i | j | k | l | m | n | o | | |
| | | p | q | r | s | t | | | | | |
| 3247.00 | Sh/Clst | 57.04 80.12 16.84 | 10.93 48.70 30.68 | 150.50 41.78 40.52 | 95.94 56.35 22.29 | 41.47 21.38 38.06 | 42.61 22.76 | 54.73 20.34 | 33.58 29.78 | 47.07 | 0076-1 |
| 3265.00 | Sh/Clst | 68.00 109.51 16.53 | 14.37 63.03 40.27 | 169.44 43.27 116.80 | 113.60 84.26 40.05 | 49.59 33.65 44.01 | 47.10 28.35 | 68.06 29.40 | 41.53 36.54 | 49.35 | 0077-1 |
| 3283.00 | Sh/Clst | 73.71 130.37 22.22 | 14.95 65.85 48.88 | 183.82 40.96 183.17 | 117.30 89.93 38.61 | 51.36 44.69 61.19 | 55.51 27.60 | 64.92 28.33 | 41.45 32.58 | 56.37 | 0015-1 |
| 3732.00 | S/Sst | 32.52 20.08 1.88 | 15.30 14.38 3.12 | 60.41 5.82 4.92 | 41.55 11.93 4.77 | 14.58 4.25 2.55 | 13.66 3.79 | 19.28 6.27 | 9.37 5.75 | 11.24 | 0148-1 |
| 3739.00 | S/Sst | 21.56 106.47 5.74 | 22.97 27.99 28.18 | 55.66 11.78 49.82 | 37.93 70.60 37.89 | 15.77 29.32 27.09 | 15.50 16.17 | 27.09 13.00 | 16.60 17.75 | 21.98 | 0149-1 |

Depth unit of measure: m

| Depth | Lithology | u | v | a | b | c | d | e | f | g | Sample |
|---------|-----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | | h | i | j | k | l | m | n | o | | |
| | | p | q | r | s | t | | | | | |
| 3739.20 | Sh/Clst | 14.74 | 3.32 | 30.74 | 19.03 | 8.13 | 5.72 | 14.92 | 8.37 | 12.96 | 0150-1 |
| | | 67.13 | 16.21 | 7.52 | 41.10 | 14.39 | 8.31 | 7.05 | 10.13 | | |
| | | 2.50 | 13.67 | 24.16 | 17.82 | 18.82 | | | | | |
| 3833.00 | S/Sst | 103.13 | 35.52 | 69.24 | 43.03 | 12.48 | 12.07 | 26.10 | 16.10 | 32.43 | 0144-1 |
| | | 52.82 | 48.20 | 31.28 | 26.95 | 9.11 | 19.49 | 32.00 | 35.30 | | |
| | | 14.21 | 16.69 | 41.93 | 32.83 | 24.74 | | | | | |
| 3870.00 | Sh/Clst | 124.44 | 30.74 | 32.14 | 18.61 | 5.56 | 5.31 | 7.68 | 5.80 | 7.27 | 0145-1 |
| | | 12.06 | 10.39 | 5.76 | 7.27 | 2.41 | 2.35 | 4.01 | 4.97 | | |
| | | 1.50 | 1.55 | 4.18 | 3.04 | 2.38 | | | | | |
| 3913.00 | S/Sst | 73.47 | 19.54 | 47.63 | 31.57 | 13.72 | 10.77 | 14.05 | 11.43 | 12.15 | 0038-1 |
| | | 33.11 | 20.96 | 9.68 | 25.27 | 9.37 | 5.38 | 10.09 | 16.69 | | |
| | | 3.84 | 8.65 | 21.88 | 16.03 | 9.66 | | | | | |
| 4210.50 | Sh/Clst | 143.37 | 38.67 | 33.84 | 18.59 | 4.51 | 4.39 | 7.34 | 4.30 | 5.65 | 0146-1 |
| | | 9.36 | 8.85 | 4.91 | 5.60 | 1.39 | 2.62 | 3.20 | 4.97 | | |
| | | 1.98 | 1.65 | 3.80 | 2.39 | 2.18 | | | | | |

Depth unit of measure: m

| Depth | Lithology | a1 | b1 | c1 | d1 | e1 | f1 | g1 | Sample |
|---------|-----------|--------|--------|--------|---------|--------|--------|--------|--------|
| 2754.50 | RFT 2 3/4 | 57.10 | 84.58 | 147.54 | 414.56 | 229.64 | 163.96 | 206.02 | 0001-0 |
| 2754.50 | RFT 1 | 29.18 | 33.69 | 70.74 | 203.28 | 118.68 | 84.96 | 97.52 | 0151-0 |
| 2760.00 | S/Sst | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0059-1 |
| 3211.00 | Sh/Clst | 209.02 | 166.31 | 645.21 | 1650.93 | 376.50 | 768.66 | 387.89 | 0013-1 |
| 3247.00 | Sh/Clst | 191.26 | 152.79 | 708.11 | 1658.52 | 500.11 | 657.45 | 543.63 | 0076-1 |
| 3265.00 | Sh/Clst | 180.51 | 138.35 | 518.08 | 1305.00 | 534.69 | 529.45 | 494.46 | 0077-1 |
| 3283.00 | Sh/Clst | 245.50 | 172.56 | 602.78 | 1391.75 | 683.25 | 648.87 | 694.12 | 0015-1 |
| 3732.00 | S/Sst | 0.00 | 0.00 | 1.76 | 4.36 | 1.27 | 3.53 | 1.58 | 0148-1 |
| 3739.00 | S/Sst | 62.54 | 47.20 | 40.67 | 99.27 | 154.35 | 43.29 | 138.33 | 0149-1 |
| 3739.20 | Sh/Clst | 78.83 | 58.55 | 42.16 | 105.79 | 183.44 | 52.90 | 174.14 | 0150-1 |
| 3833.00 | S/Sst | 374.66 | 355.54 | 422.97 | 1371.89 | 648.19 | 737.55 | 703.06 | 0144-1 |
| 3870.00 | Sh/Clst | 206.90 | 417.05 | 66.95 | 188.78 | 87.22 | 66.37 | 73.50 | 0145-1 |
| 3913.00 | S/Sst | 99.78 | 78.34 | 5.59 | 19.51 | 15.95 | 7.59 | 12.56 | 0038-1 |
| 4210.50 | Sh/Clst | 258.46 | 189.63 | 16.97 | 54.09 | 18.80 | 14.73 | 11.22 | 0146-1 |

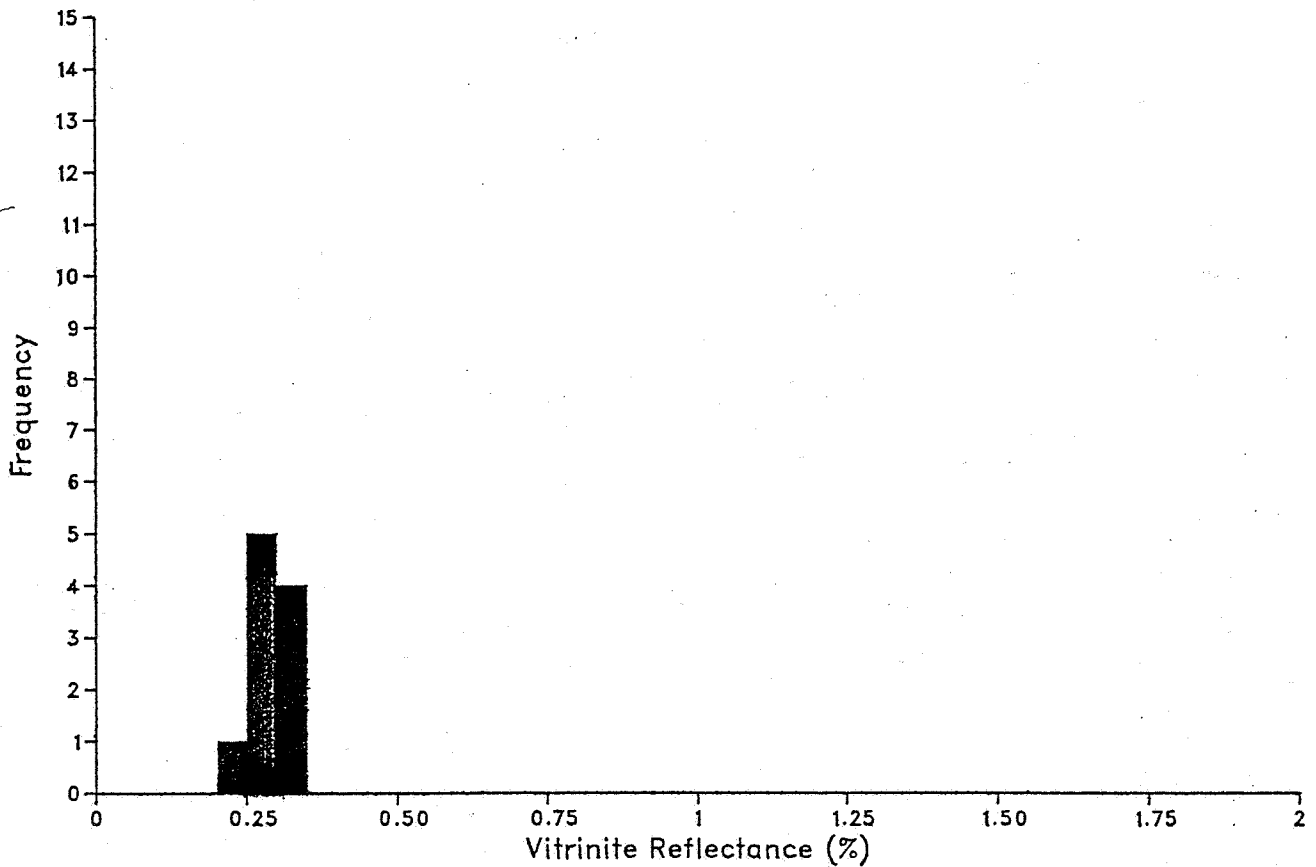
Depth unit of measure: m

| Depth | Lithology | a1 | b1 | c1 | d1 | e1 | f1 | g1 | h1 | i1 | Sample |
|---------|-----------|--------|--------|---------|--------|---------|--------|---------|--------|-------|--------|
| 2754.50 | RFT 2 3/4 | 365.21 | 186.62 | 319.18 | 245.03 | 757.90 | 149.16 | 575.37 | 353.87 | 97.77 | 0001-0 |
| 2754.50 | RFT 1 | 179.34 | 104.37 | 180.64 | 161.99 | 391.69 | 79.83 | 369.44 | 195.06 | 52.54 | 0151-0 |
| 2760.00 | S/Sst | 0.68 | 0.00 | 0.00 | 0.00 | 1.29 | 0.00 | 0.85 | 0.00 | 0.00 | 0059-1 |
| 3211.00 | Sh/Clst | 402.19 | 261.30 | 776.64 | 780.11 | 1699.75 | 263.97 | 1280.85 | 459.04 | 81.29 | 0013-1 |
| 3247.00 | Sh/Clst | 486.95 | 230.44 | 1026.82 | 892.58 | 1588.57 | 301.36 | 1382.85 | 538.93 | 91.18 | 0076-1 |
| 3265.00 | Sh/Clst | 404.81 | 188.40 | 799.72 | 642.34 | 1308.63 | 270.64 | 1140.33 | 520.23 | 30.60 | 0077-1 |
| 3283.00 | Sh/Clst | 503.77 | 233.31 | 930.67 | 753.37 | 1454.80 | 315.66 | 1462.33 | 769.29 | 71.79 | 0015-1 |
| 3732.00 | S/Sst | 4.22 | 1.58 | 3.07 | 2.31 | 6.07 | 0.42 | 4.54 | 1.48 | 0.64 | 0148-1 |
| 3739.00 | S/Sst | 14.63 | 6.74 | 16.49 | 12.84 | 29.86 | 10.83 | 58.33 | 39.86 | 2.17 | 0149-1 |
| 3739.20 | Sh/Clst | 23.14 | 3.66 | 18.21 | 12.57 | 32.86 | 13.75 | 69.79 | 45.54 | 6.94 | 0150-1 |
| 3833.00 | S/Sst | 396.60 | 248.38 | 273.64 | 223.53 | 496.05 | 66.19 | 393.60 | 171.47 | 33.98 | 0144-1 |
| 3870.00 | Sh/Clst | 475.63 | 221.08 | 138.18 | 125.35 | 249.46 | 18.63 | 173.17 | 79.88 | 4.94 | 0145-1 |
| 3913.00 | S/Sst | 15.11 | 9.46 | 5.41 | 4.02 | 6.40 | 2.08 | 6.49 | 3.84 | 0.99 | 0038-1 |
| 4210.50 | Sh/Clst | 303.46 | 147.27 | 90.32 | 65.10 | 132.78 | 15.38 | 96.89 | 35.43 | 6.40 | 0146-1 |

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 6507/6-2
Depth: 1070.00(m)



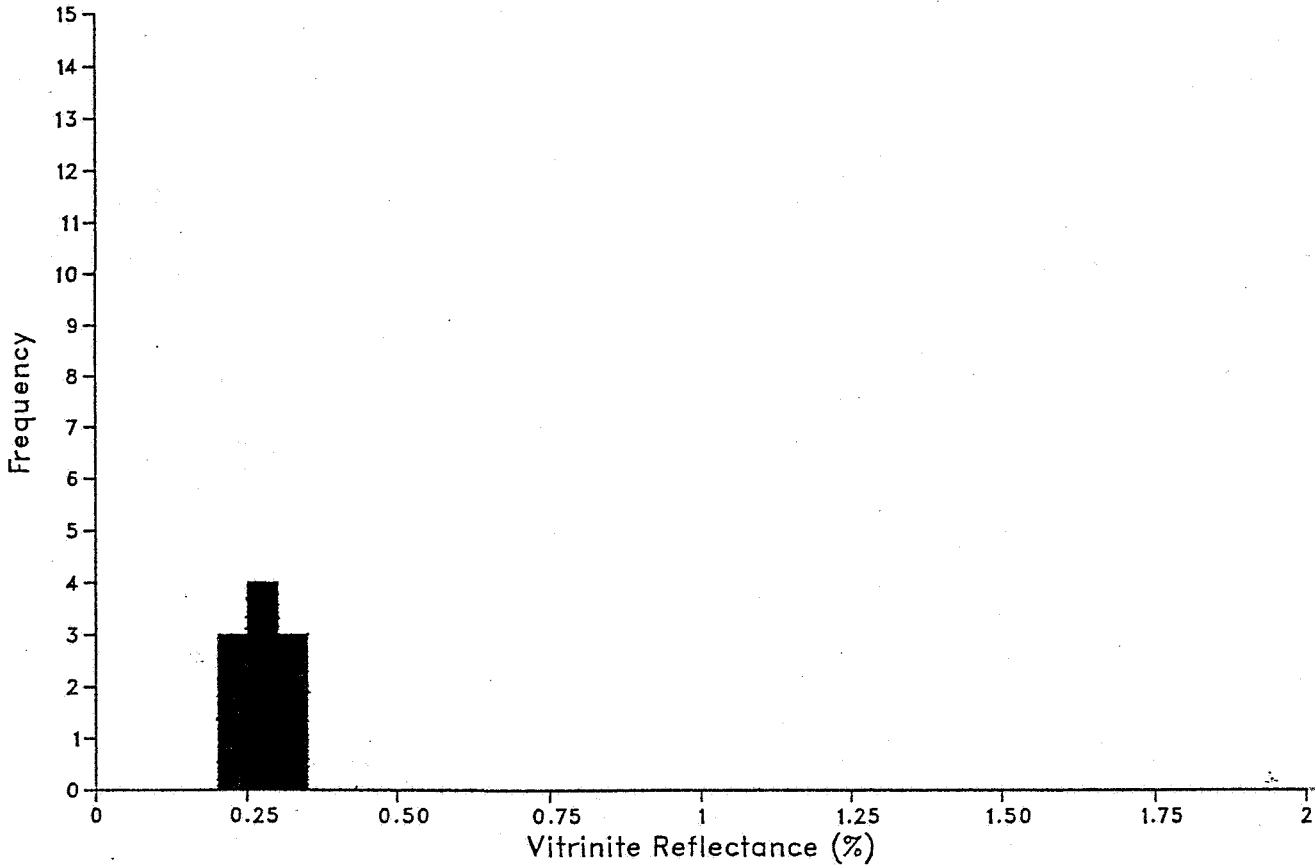
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|----|
| Indigenous Population (from 0.200 to 0.350): | 0.29 | 0.03 | 10 |

Readings:
0.240 0.250 0.260 0.270 0.280 0.290 0.300 0.310 0.330 0.340

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 6507/6-2
Depth: 1170.00(m)



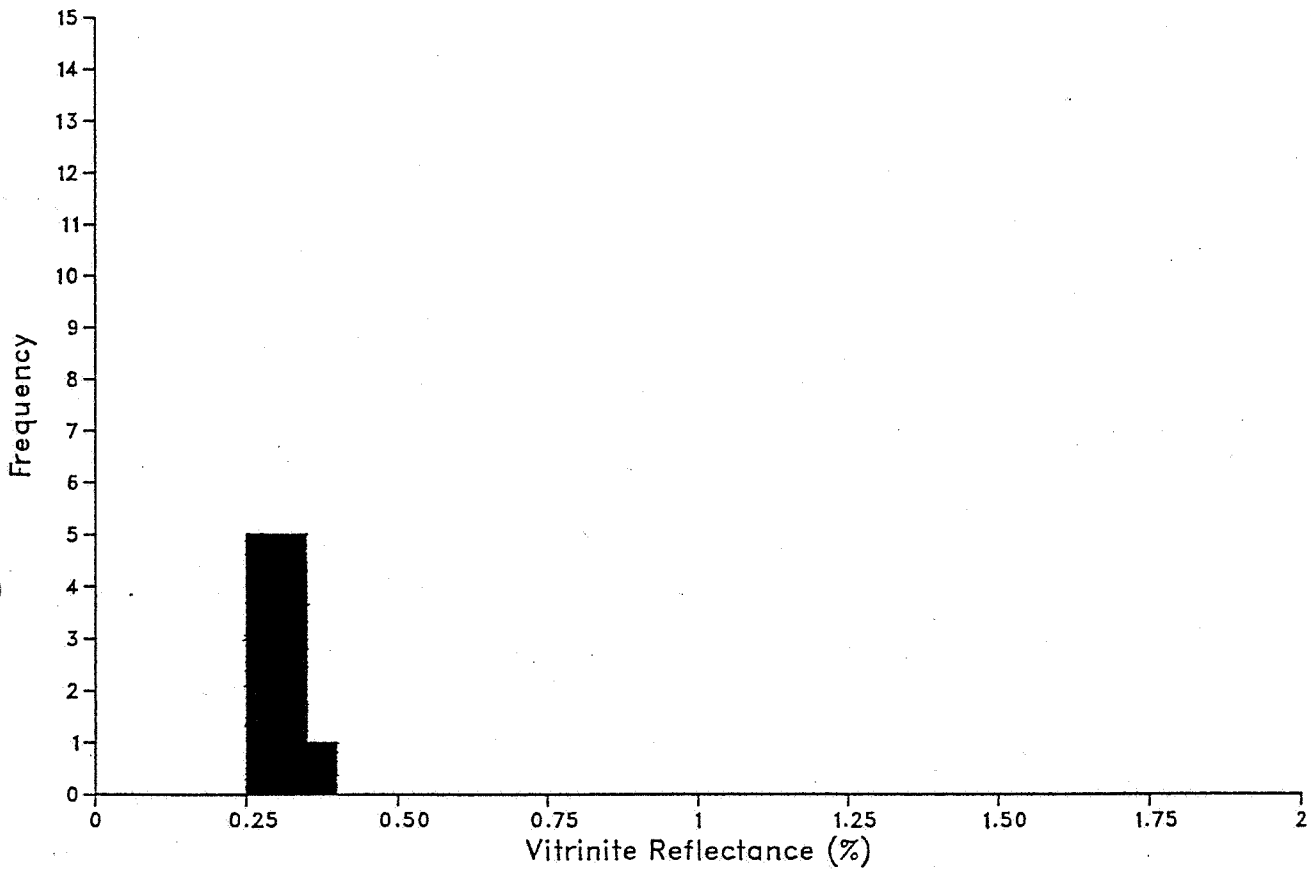
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|----|
| Indigenous Population (from 0.200 to 0.350): | 0.27 | 0.05 | 10 |

| Readings: |
|-------------------------------------------------------------|
| 0.210 0.220 0.230 0.250 0.260 0.270 0.290 0.310 0.330 0.340 |

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 6507/6-2
Depth: 1270.00(m)



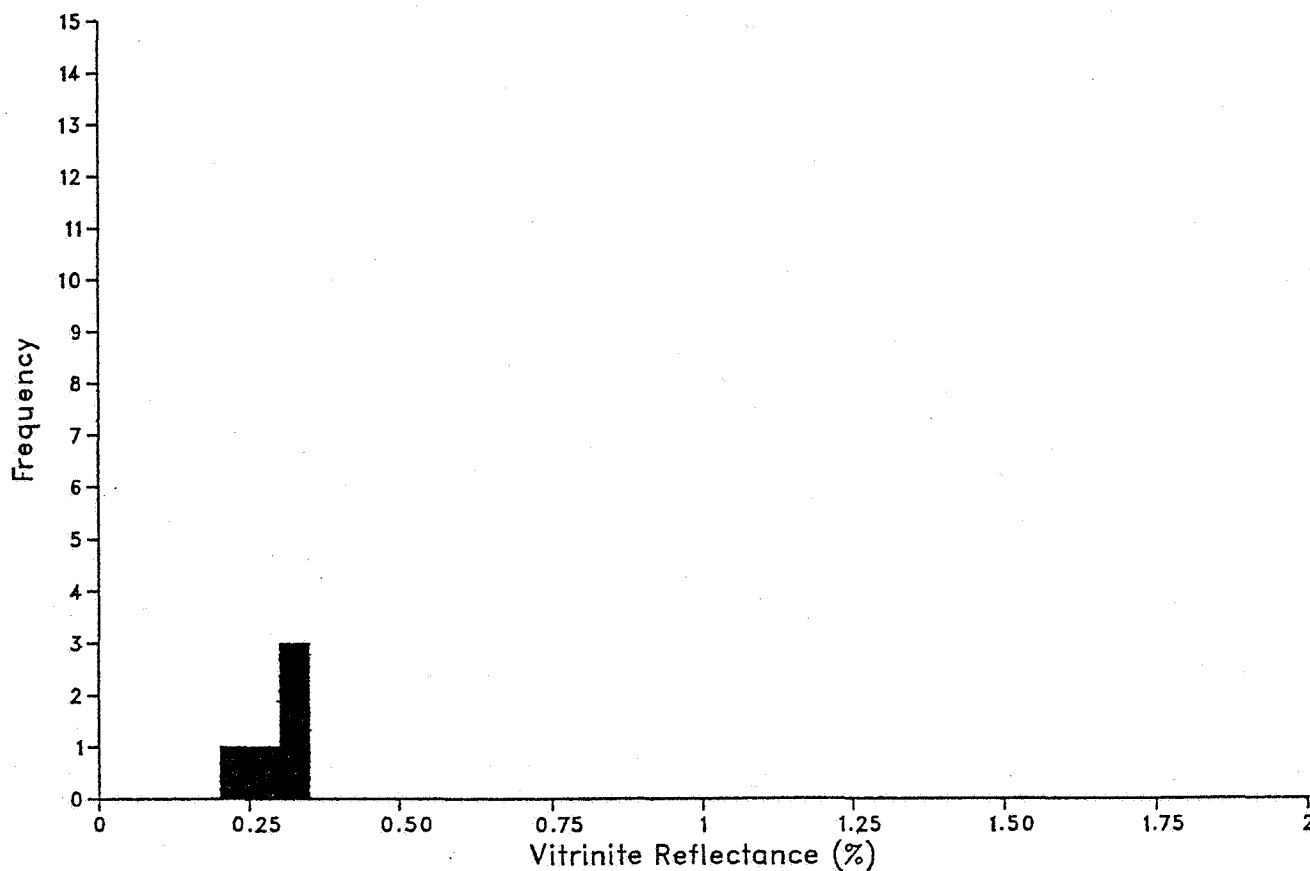
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|----|
| Indigenous Population (from 0.250 to 0.350): | 0.30 | 0.03 | 11 |

| Readings: |
|----------------------------------------------------------------------|
| 0.250 0.260 0.270 0.280 0.290 0.300 0.310 0.320 0.330 0.340 0.350 |

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 6507/6-2
Depth: 1370.00(m)



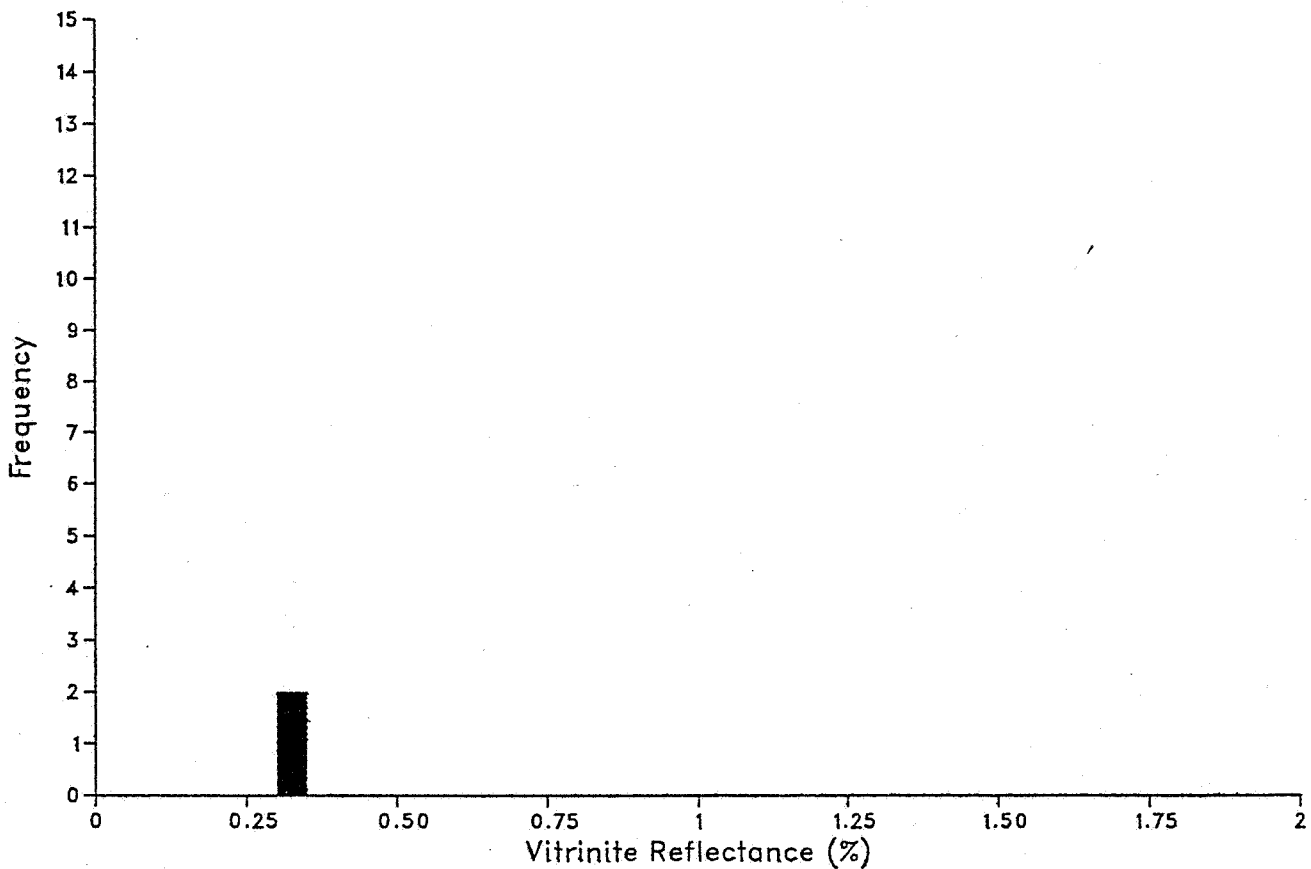
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|---|
| Indigenous Population (from 0.200 to 0.350): | 0.30 | 0.04 | 5 |

| Readings: |
|-------------------------------|
| 0.240 0.260 0.310 0.330 0.340 |

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 6507/6-2
Depth: 1500.00(m)



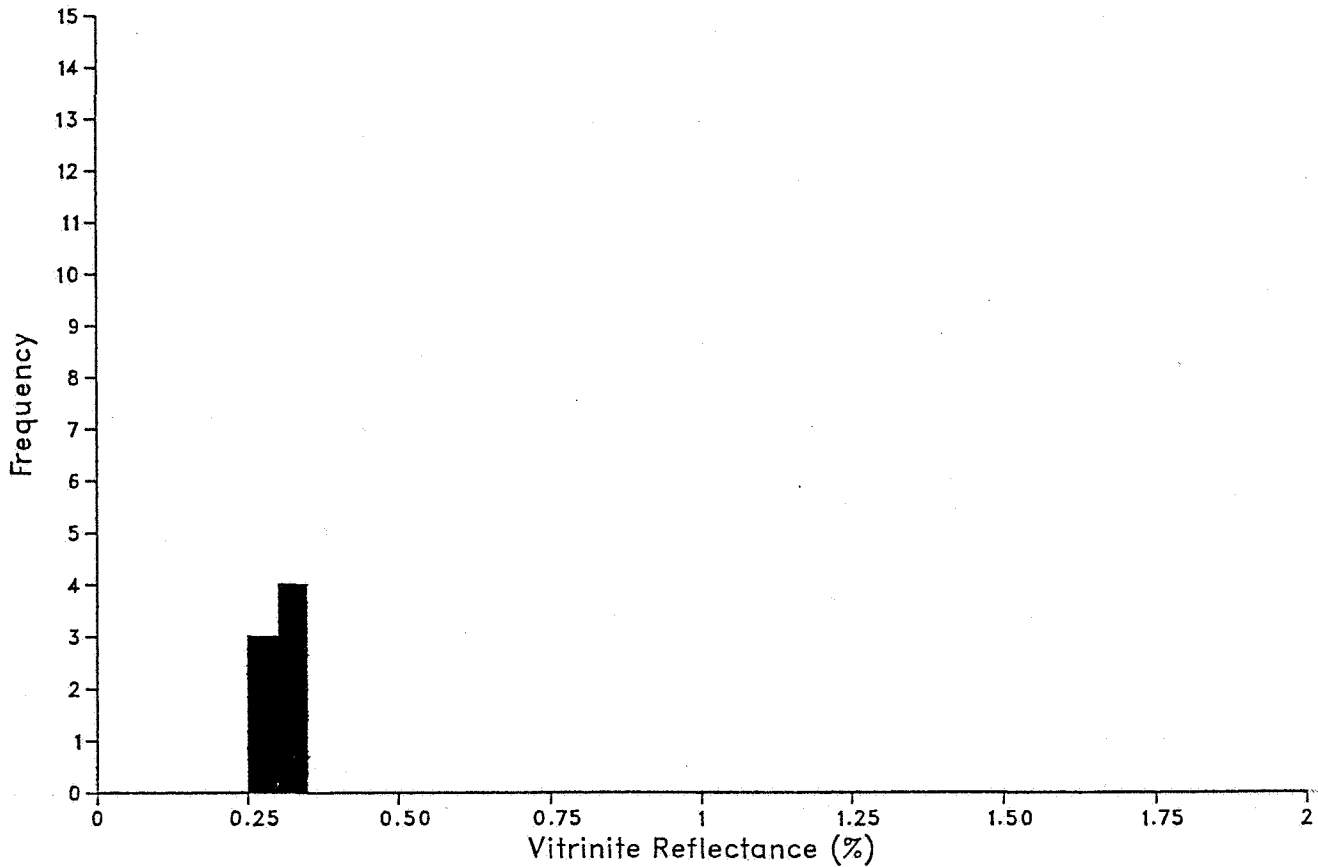
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|---|
| Indigenous Population (from 0.250 to 0.350): | 0.32 | 0.01 | 2 |

| Readings: |
|-------------|
| 0.310 0.320 |

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 6507/6-2
Depth: 1710.00(m)



| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|---|
| Indigenous Population (from 0.250 to 0.350): | 0.30 | 0.03 | 7 |

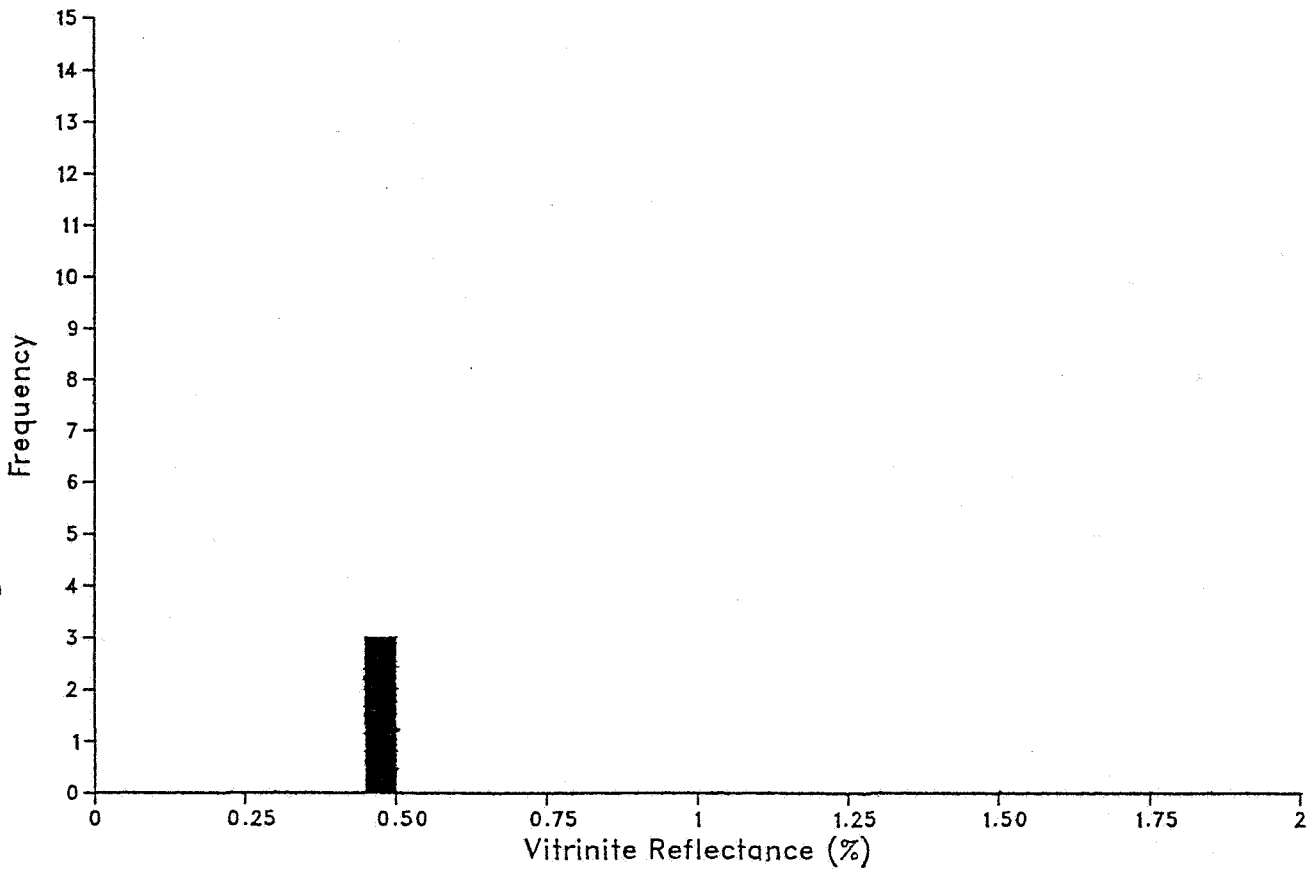
Readings:

0.240 0.250 0.260 0.290 0.300 0.320 0.330 0.340 0.360 0.370
0.380 0.410 0.420

Vitrinite Reflectance Histogram

GEOLAB  NOR

Well: NOCS 6507/6-2
Depth: 2088.00(m)



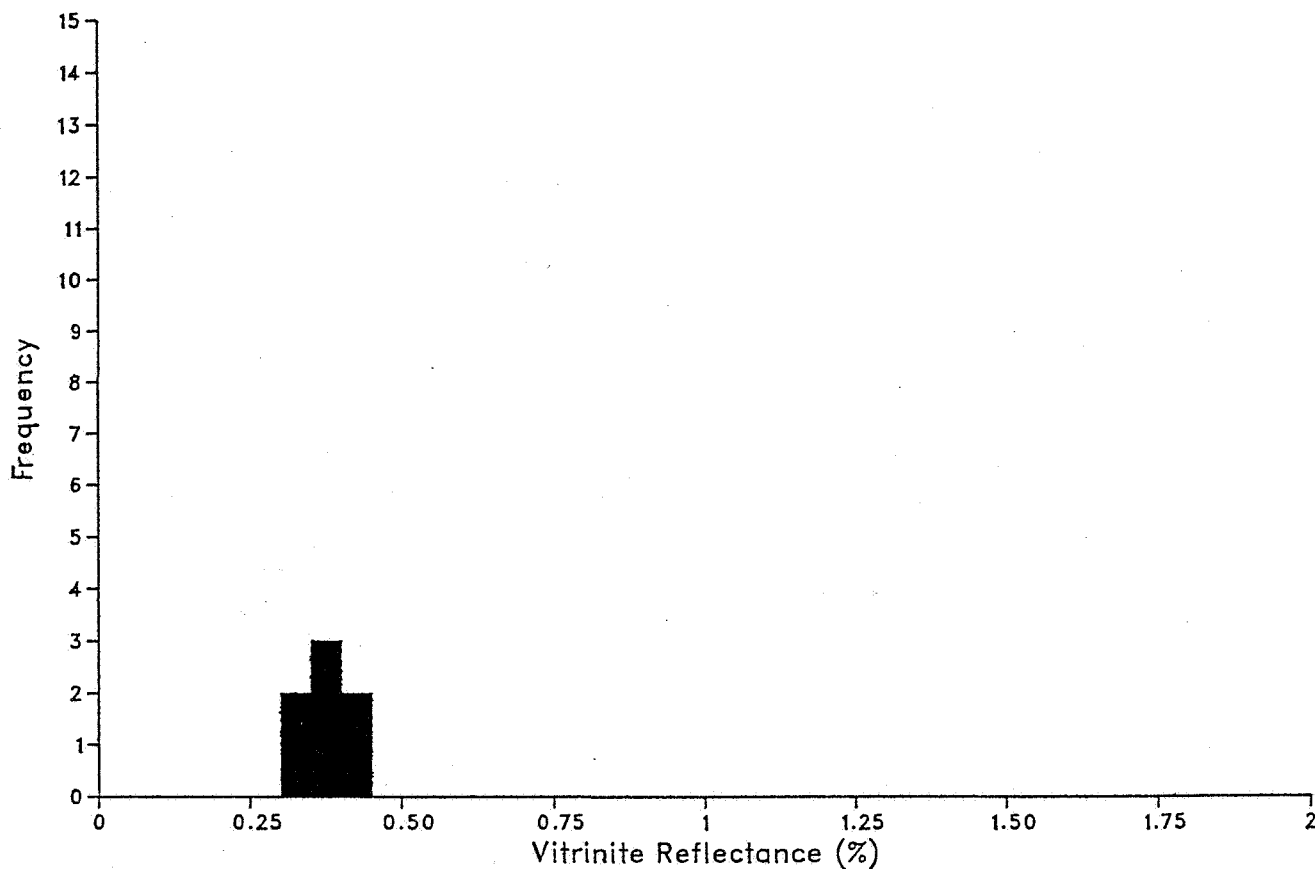
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|---|
| Indigenous Population (from 0.450 to 0.500): | 0.47 | 0.01 | 3 |

| Readings: |
|-------------------|
| 0.460 0.470 0.480 |

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 6507/6-2
Depth: 2144.00(m)



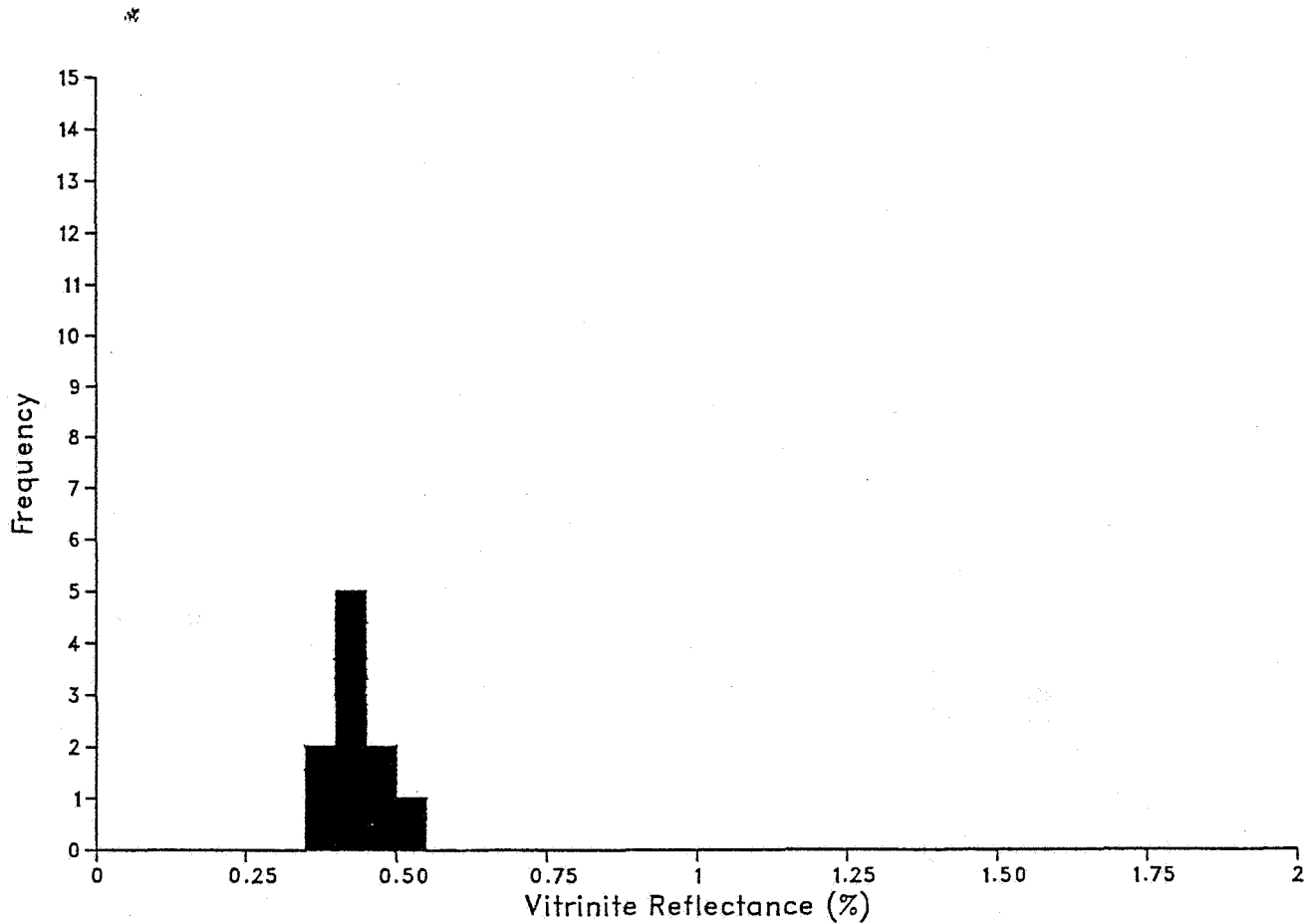
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|---|
| Indigenous Population (from 0.300 to 0.450): | 0.37 | 0.04 | 7 |

| Readings: |
|-------------------------------------------|
| 0.320 0.340 0.360 0.370 0.390 0.400 0.440 |

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 6507/6-2
Depth: 2656.00(m)



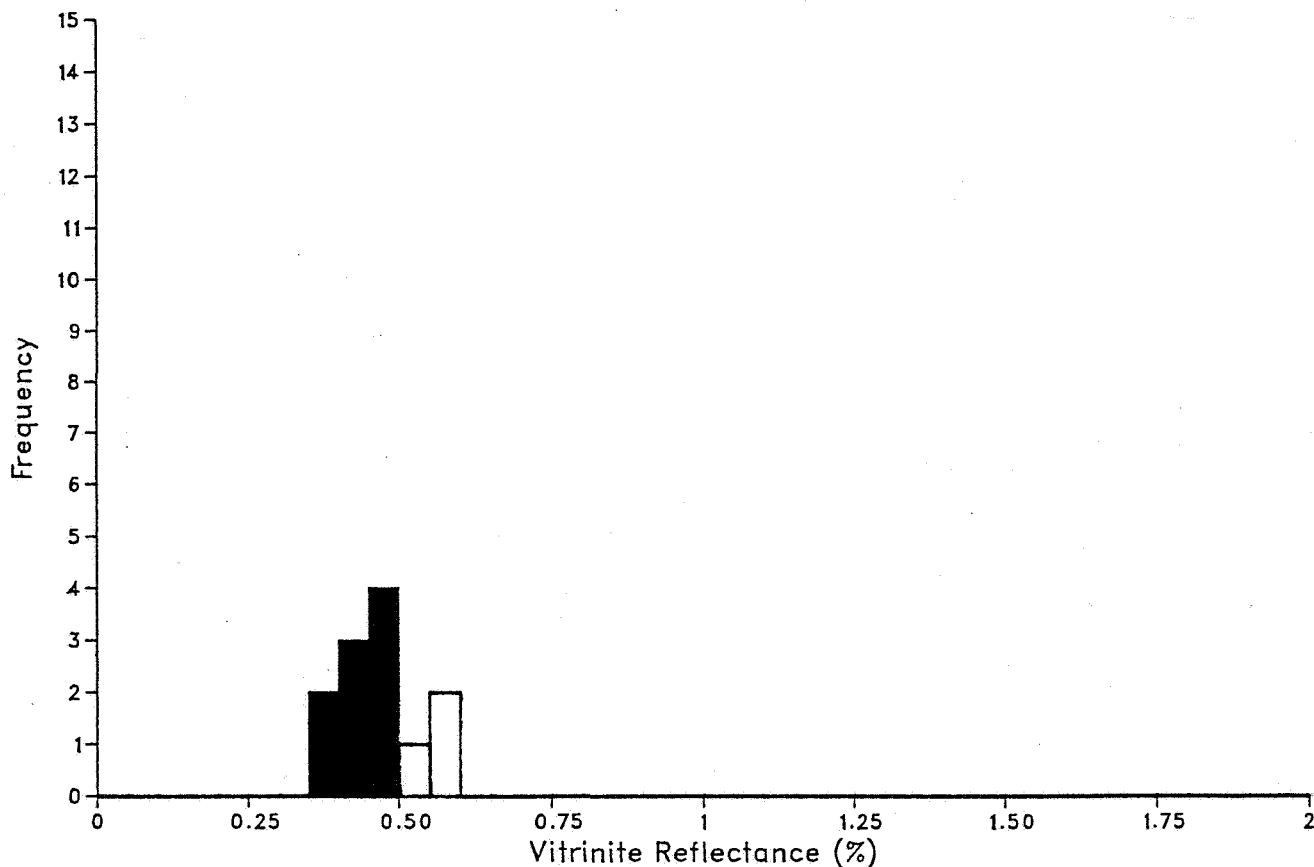
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|----|
| Indigenous Population (from 0.350 to 0.500): | 0.43 | 0.04 | 10 |

| Readings: | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.380 | 0.390 | 0.400 | 0.410 | 0.420 | 0.430 | 0.440 | 0.450 | 0.470 | 0.500 |
| 0.520 | 0.550 | | | | | | | | |

GEOLAB NOR a/s - Geochemical Laboratories of Norway

Vitrinite Reflectance Histogram

Well: NOCS 6507/6-2
Depth: 2825.00(m)



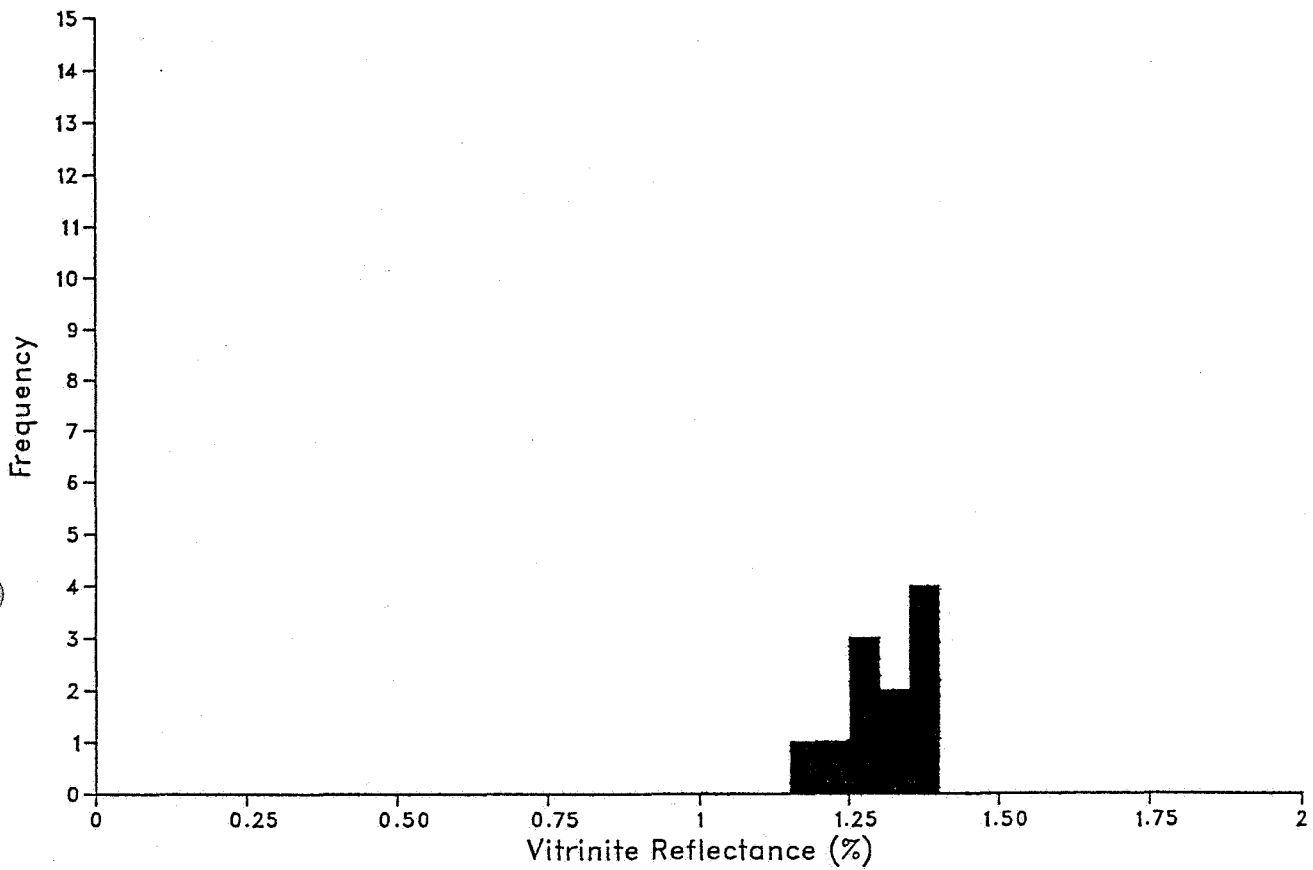
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|---|
| Indigenous Population (from 0.350 to 0.500): | 0.44 | 0.04 | 9 |
| Population Two (from 0.510 to 0.600): | 0.55 | 0.04 | 3 |

| Readings: | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.370 | 0.390 | 0.410 | 0.430 | 0.440 | 0.450 | 0.470 | 0.480 | 0.490 | 0.510 |
| 0.560 | 0.590 | 0.670 | | | | | | | |

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 6507/6-2
Depth: 3107.50(m)



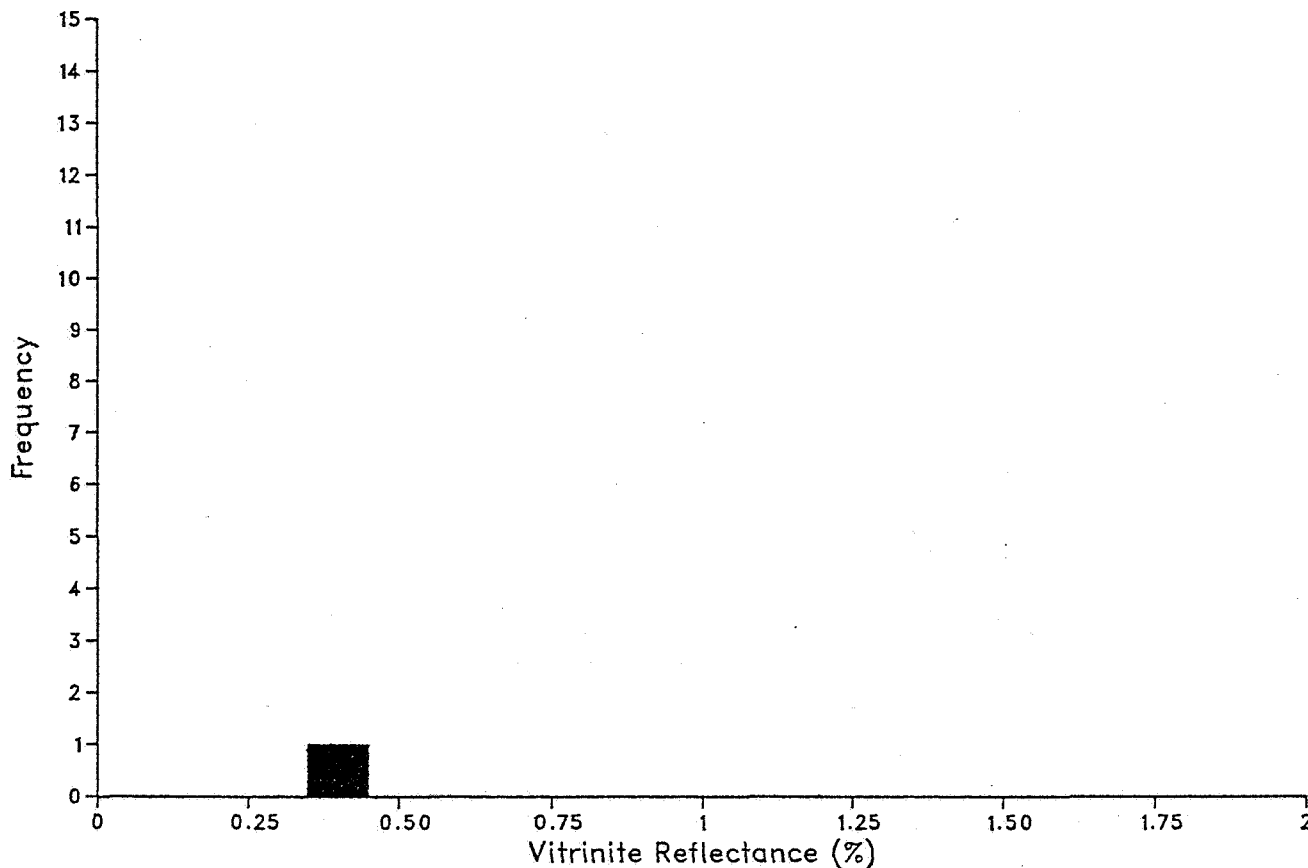
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|----|
| Indigenous Population (from 1.150 to 1.400): | 1.31 | 0.07 | 11 |

| Readings: | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1.170 | 1.200 | 1.280 | 1.290 | 1.300 | 1.310 | 1.330 | 1.350 | 1.370 | 1.380 |
| 1.390 | 1.430 | 1.450 | | | | | | | |

Vitrinite Reflectance Histogram

GEOLAB  **NOR**

Well: NOCS 6507/6-2
Depth: 3178.00(m)



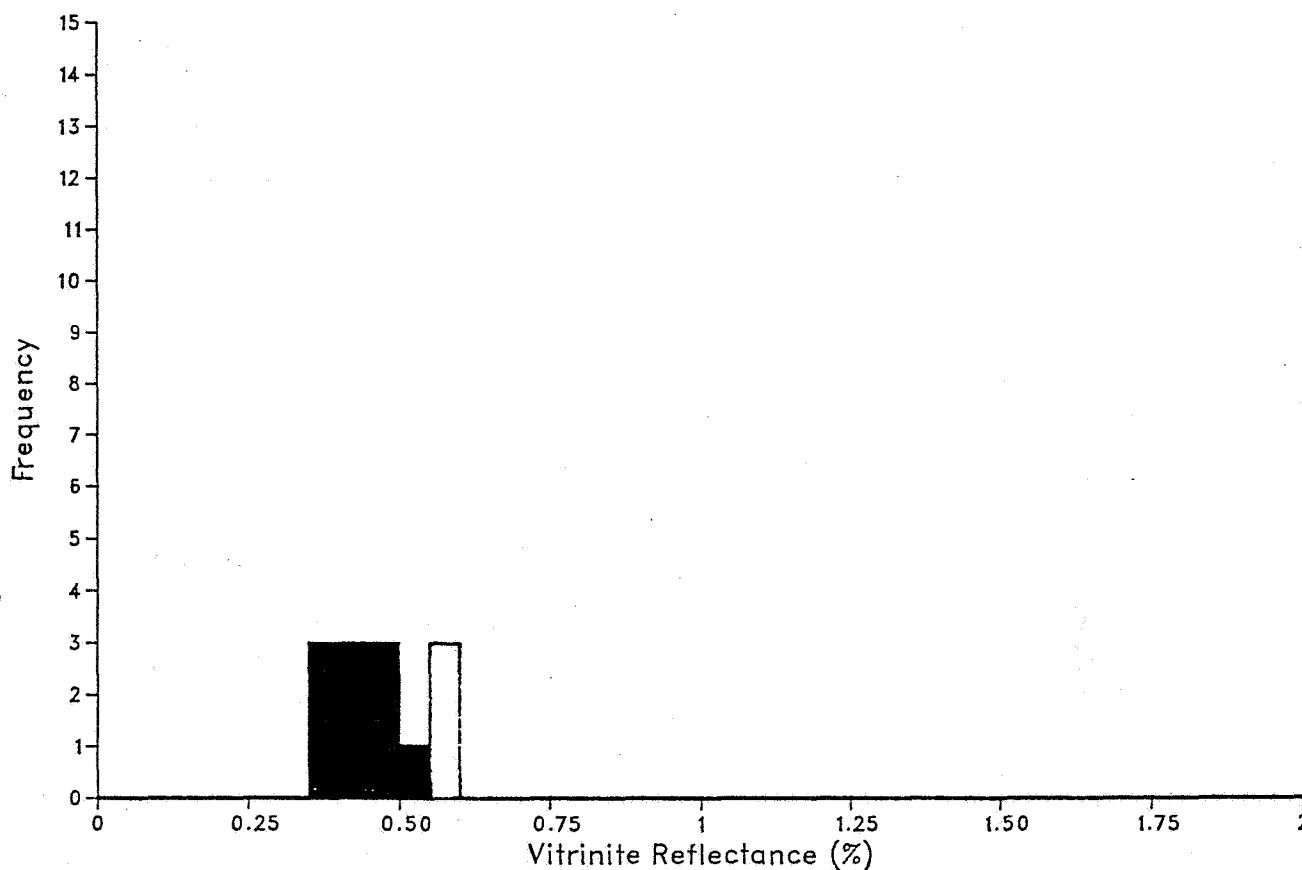
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|---|
| Indigenous Population (from 0.350 to 0.500): | 0.39 | 0.04 | 2 |

| Readings: |
|-------------------|
| 0.360 0.420 0.510 |

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 6507/6-2
Depth: 3268.00(m)



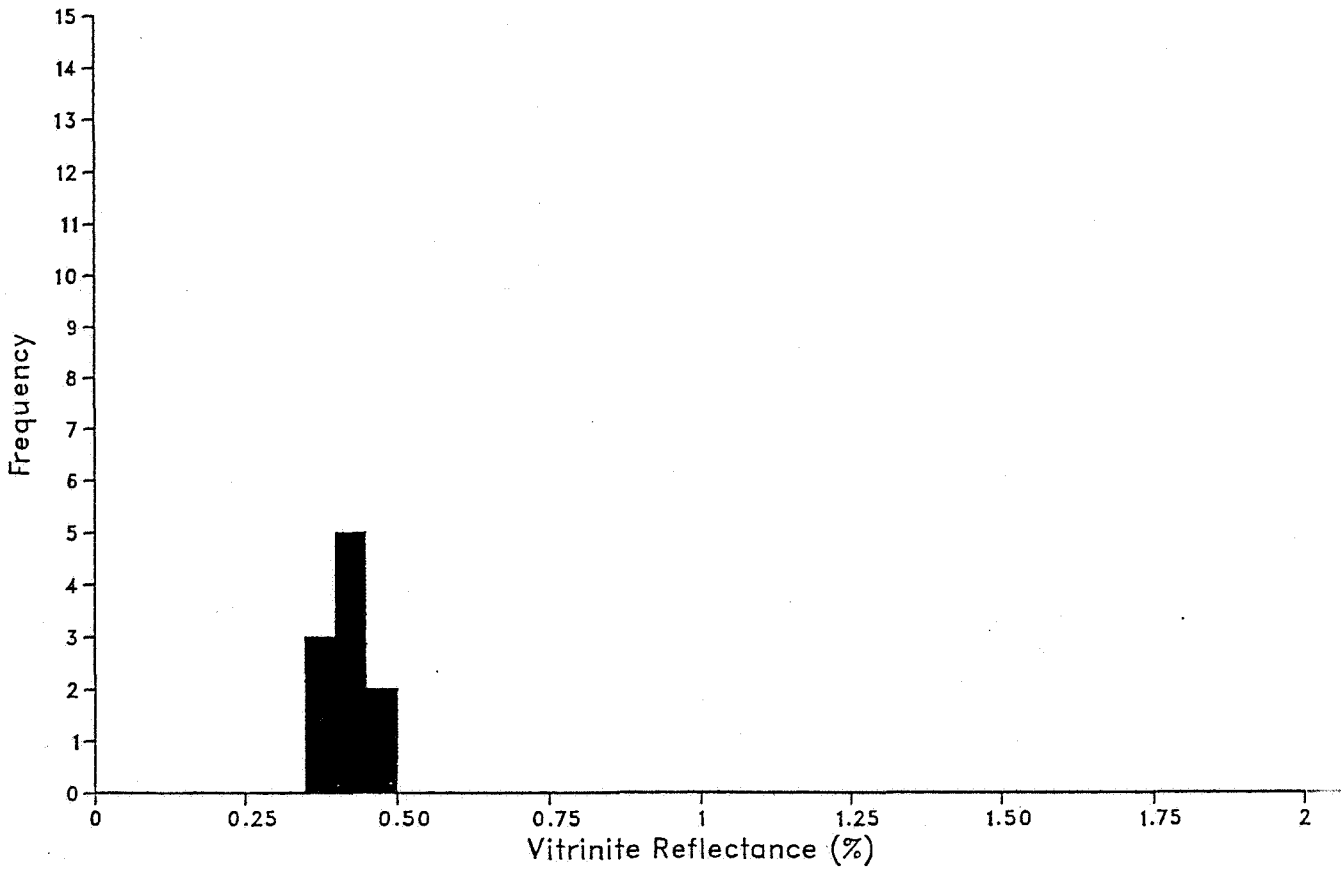
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|----|
| Indigenous Population (from 0.350 to 0.500): | 0.43 | 0.05 | 10 |
| Population Two (from 0.510 to 0.600): | 0.56 | 0.02 | 3 |

| Readings: | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.360 | 0.370 | 0.390 | 0.400 | 0.410 | 0.430 | 0.460 | 0.480 | 0.490 | 0.500 |
| 0.550 | 0.560 | 0.580 | | | | | | | |

Vitrinite Reflectance Histogram

GEOLAB  NOR

Well: NOCS 6507/6-2
Depth: 3273.50(m)



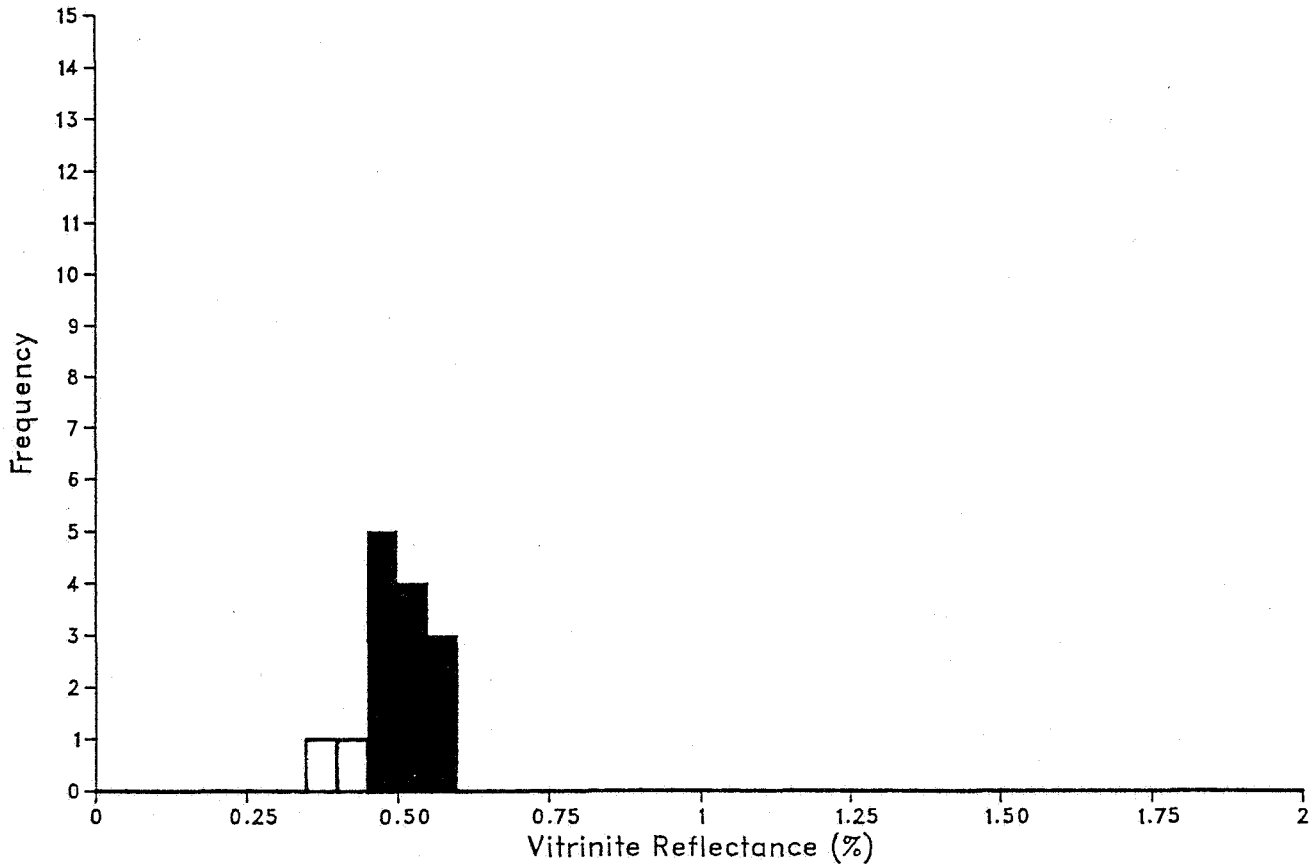
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|----|
| Indigenous Population (from 0.350 to 0.500): | 0.42 | 0.04 | 10 |

| Readings: | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.340 | 0.360 | 0.380 | 0.390 | 0.400 | 0.410 | 0.420 | 0.430 | 0.440 | 0.460 |
| 0.480 | 0.530 | 0.570 | | | | | | | |

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 6507/6-2
Depth: 3330.00(m)

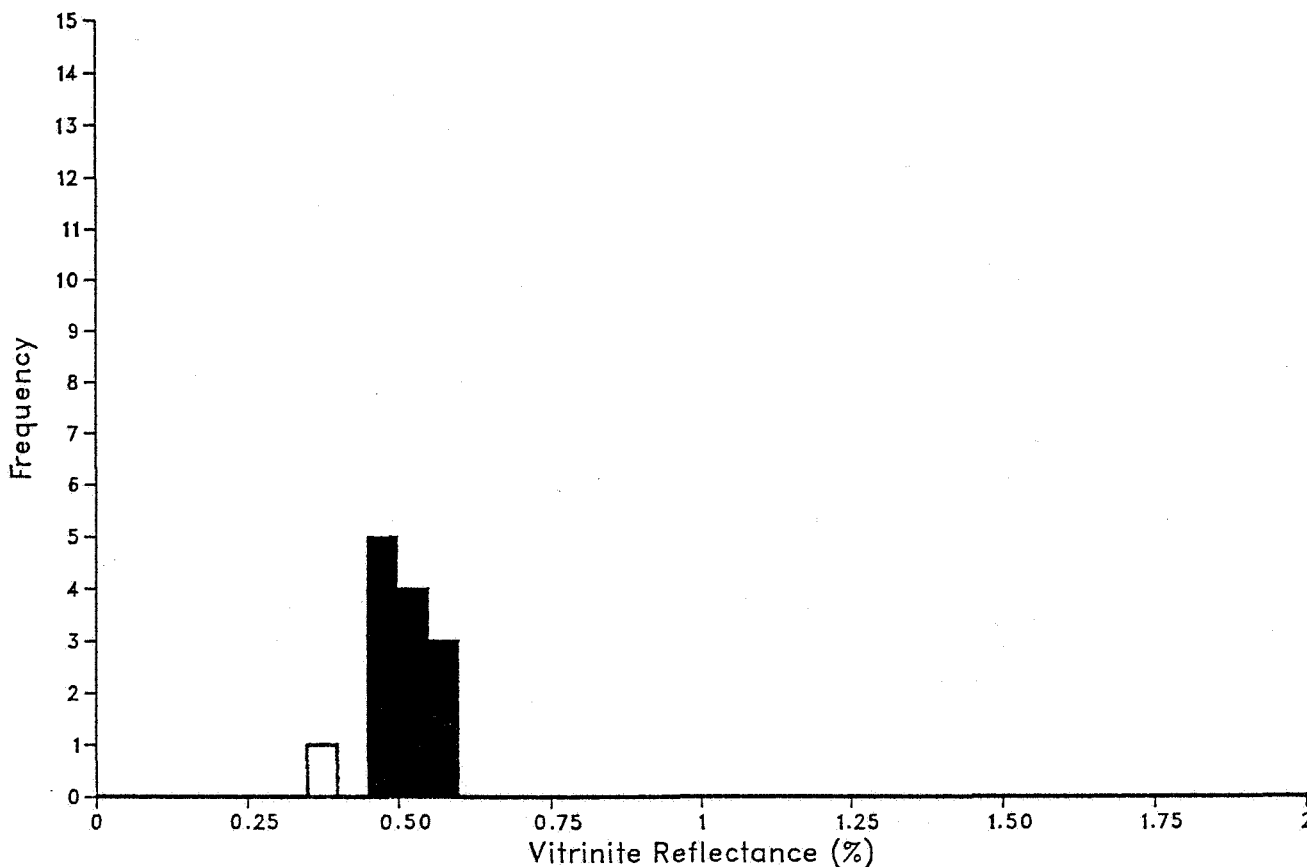


| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|----|
| Indigenous Population (from 0.450 to 0.600): | 0.51 | 0.04 | 12 |
| Population Two (from 0.350 to 0.440): | 0.41 | 0.04 | 2 |

| Readings: | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.380 | 0.430 | 0.450 | 0.460 | 0.470 | 0.480 | 0.490 | 0.500 | 0.520 | 0.530 |
| 0.540 | 0.550 | 0.560 | 0.580 | 0.670 | | | | | |

Vitrinite Reflectance Histogram

Well: NOCS 6507/6-2
Depth: 3434.50(m)



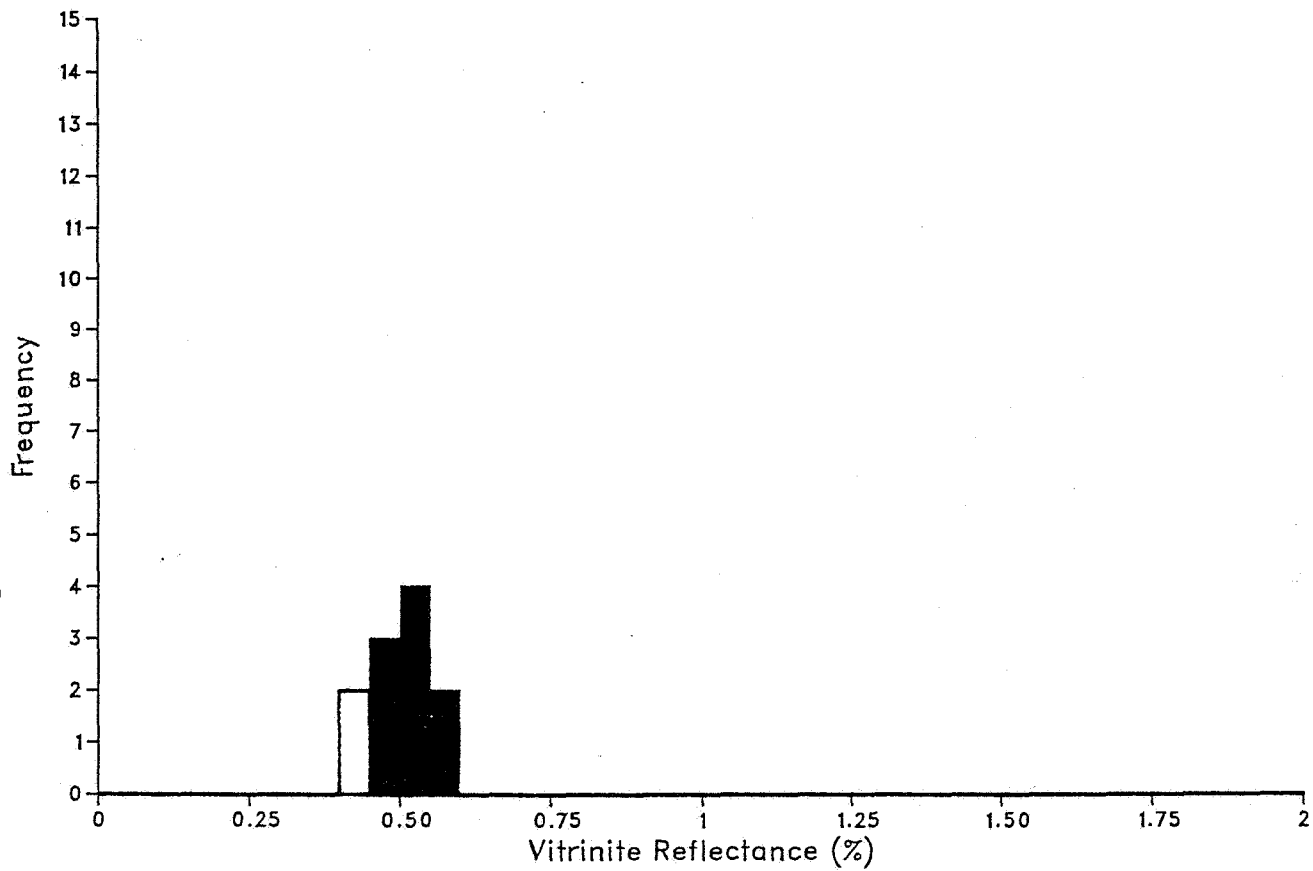
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|----|
| Indigenous Population (from 0.450 to 0.600): | 0.51 | 0.04 | 12 |
| Population Two (from 0.300 to 0.440): | 0.38 | 0.00 | 1 |

| Readings: | | | | | | | | | |
|-----------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 0.380 | 0.450 | 0.460 | 0.470 | 0.480 | 0.490 | 0.500 | 0.510 | 0.520 | 0.530 |
| 0.550 | 0.560 | 0.590 | 0.640 | 42.000 | | | | | |

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 6507/6-2
Depth: 3469.00(m)



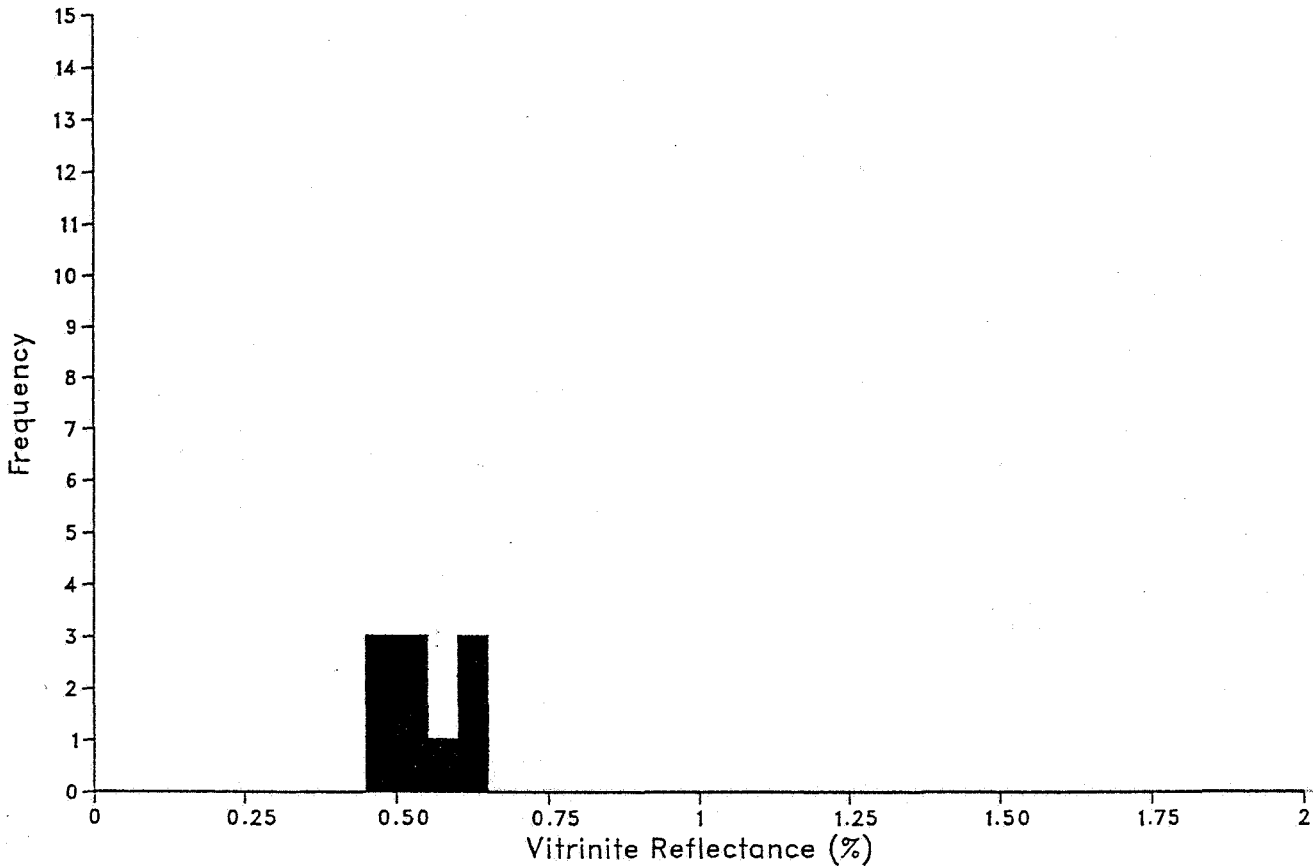
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|---|
| Indigenous Population (from 0.450 to 0.600): | 0.51 | 0.04 | 9 |
| Population Two (from 0.400 to 0.440): | 0.42 | 0.03 | 2 |

| Readings: | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.400 | 0.440 | 0.450 | 0.470 | 0.480 | 0.500 | 0.510 | 0.540 | 0.543 | 0.550 |
| 0.560 | 0.620 | 0.680 | | | | | | | |

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 6507/6-2
Depth: 3565.00(m)



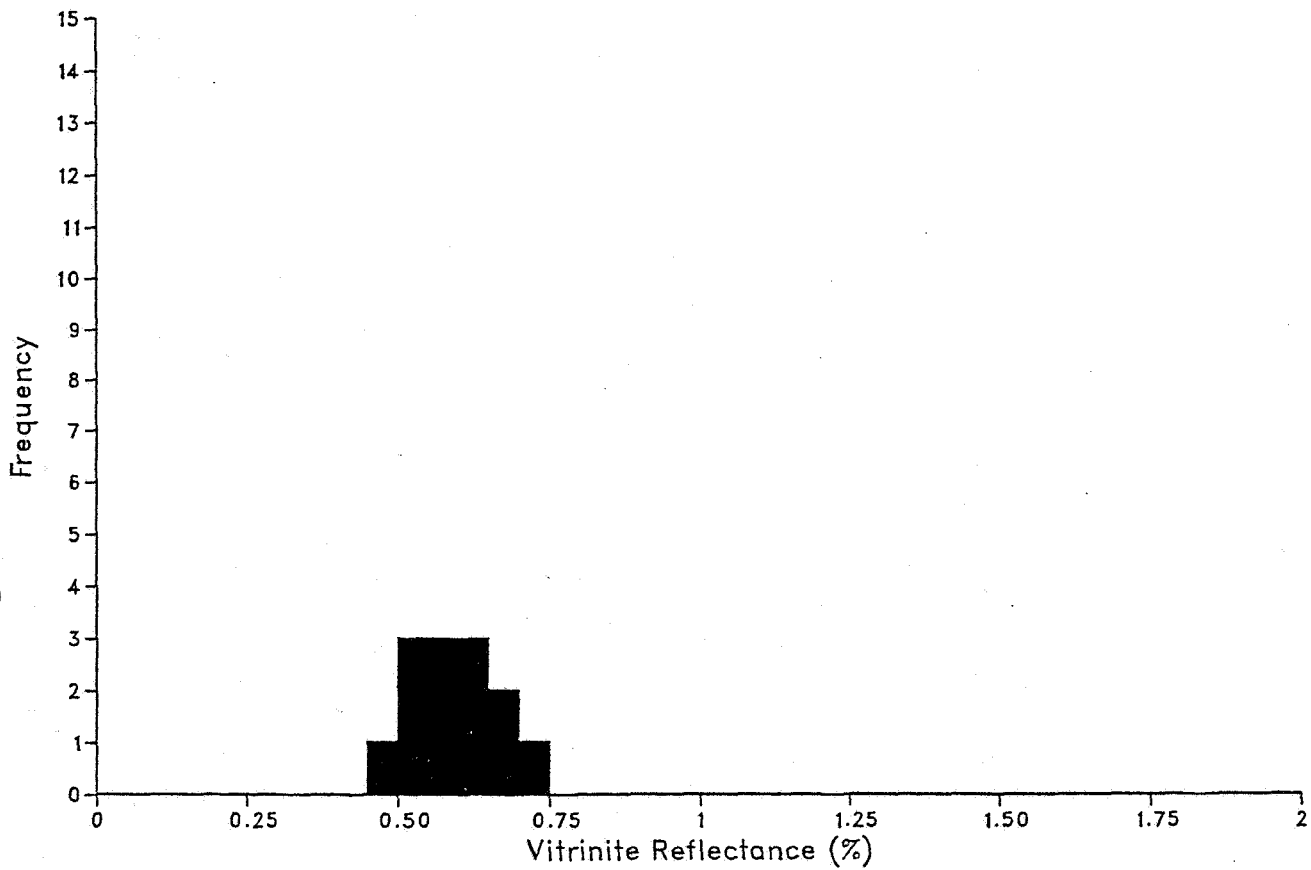
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|----|
| Indigenous Population (from 0.450 to 0.650): | 0.54 | 0.07 | 10 |

| Readings: |
|----------------------------------------------------------------------|
| 0.430 0.450 0.460 0.480 0.510 0.520 0.530 0.560 0.600 0.610 0.640 |

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 6507/6-2
Depth: 3820.00(m)

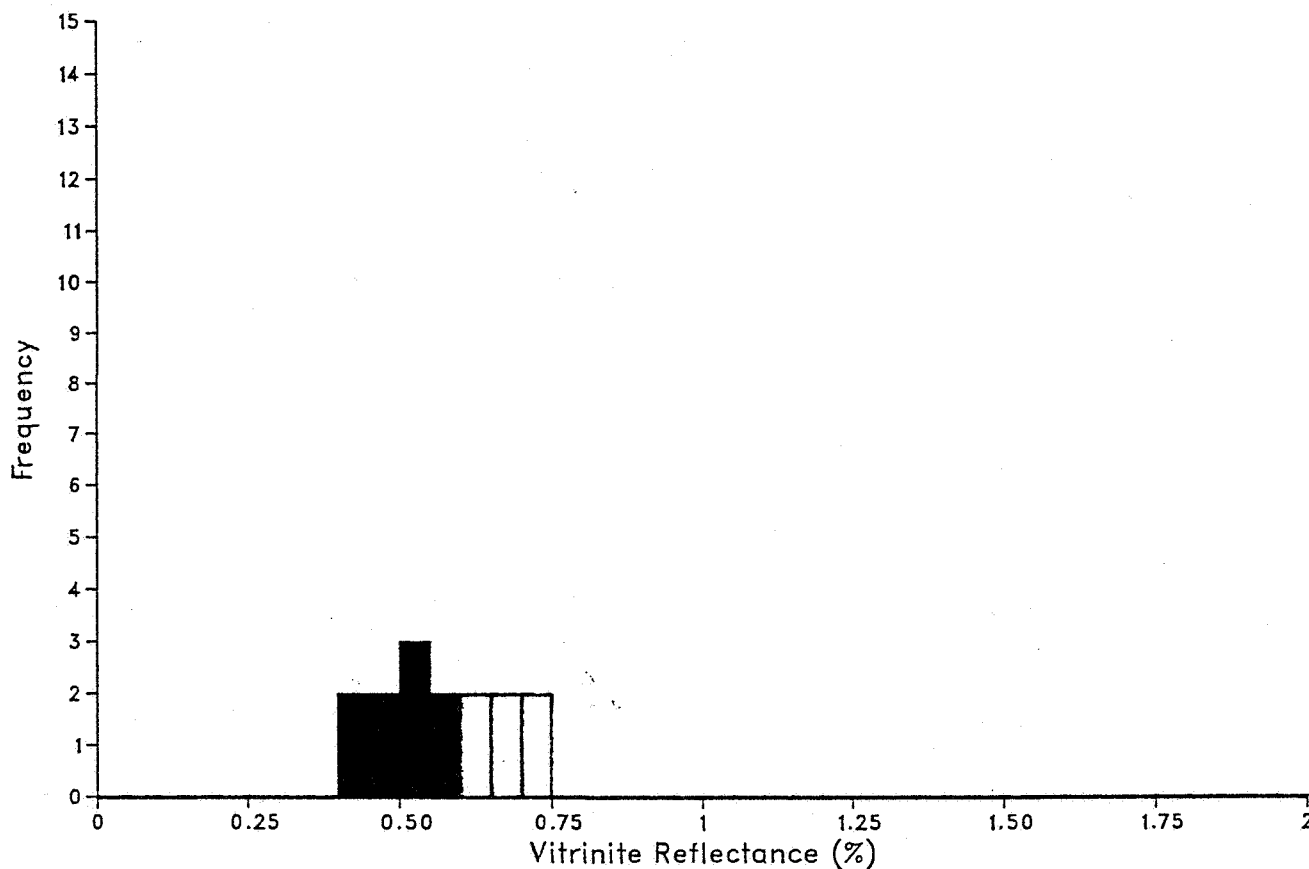


| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|----|
| Indigenous Population (from 0.450 to 0.750): | 0.59 | 0.07 | 13 |

| Readings: | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.430 | 0.460 | 0.510 | 0.520 | 0.540 | 0.550 | 0.570 | 0.590 | 0.610 | 0.640 |
| 0.650 | 0.660 | 0.680 | 0.700 | | | | | | |

Vitrinite Reflectance Histogram

Well: NOCS 6507/6-2
Depth: 3885.00(m)



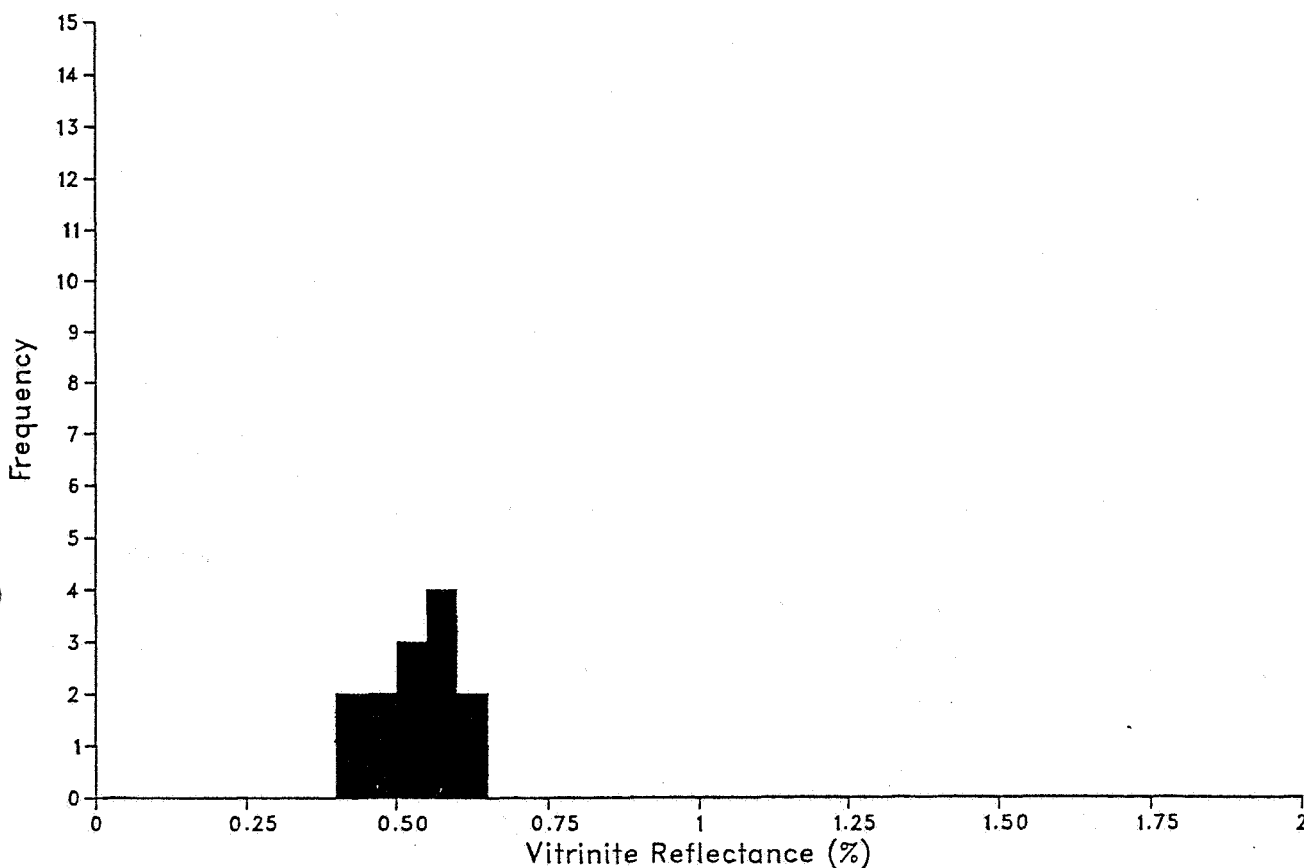
| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|---|
| Indigenous Population (from 0.400 to 0.600): | 0.50 | 0.06 | 9 |
| Population Two (from 0.610 to 0.750): | 0.68 | 0.03 | 6 |

| Readings: | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.420 | 0.430 | 0.450 | 0.490 | 0.500 | 0.510 | 0.530 | 0.570 | 0.590 | 0.640 |
| 0.650 | 0.670 | 0.690 | 0.700 | 0.720 | | | | | |

Vitrinite Reflectance Histogram

GEOLAB NOR

Well: NOCS 6507/6-2
Depth: 3998.00(m)

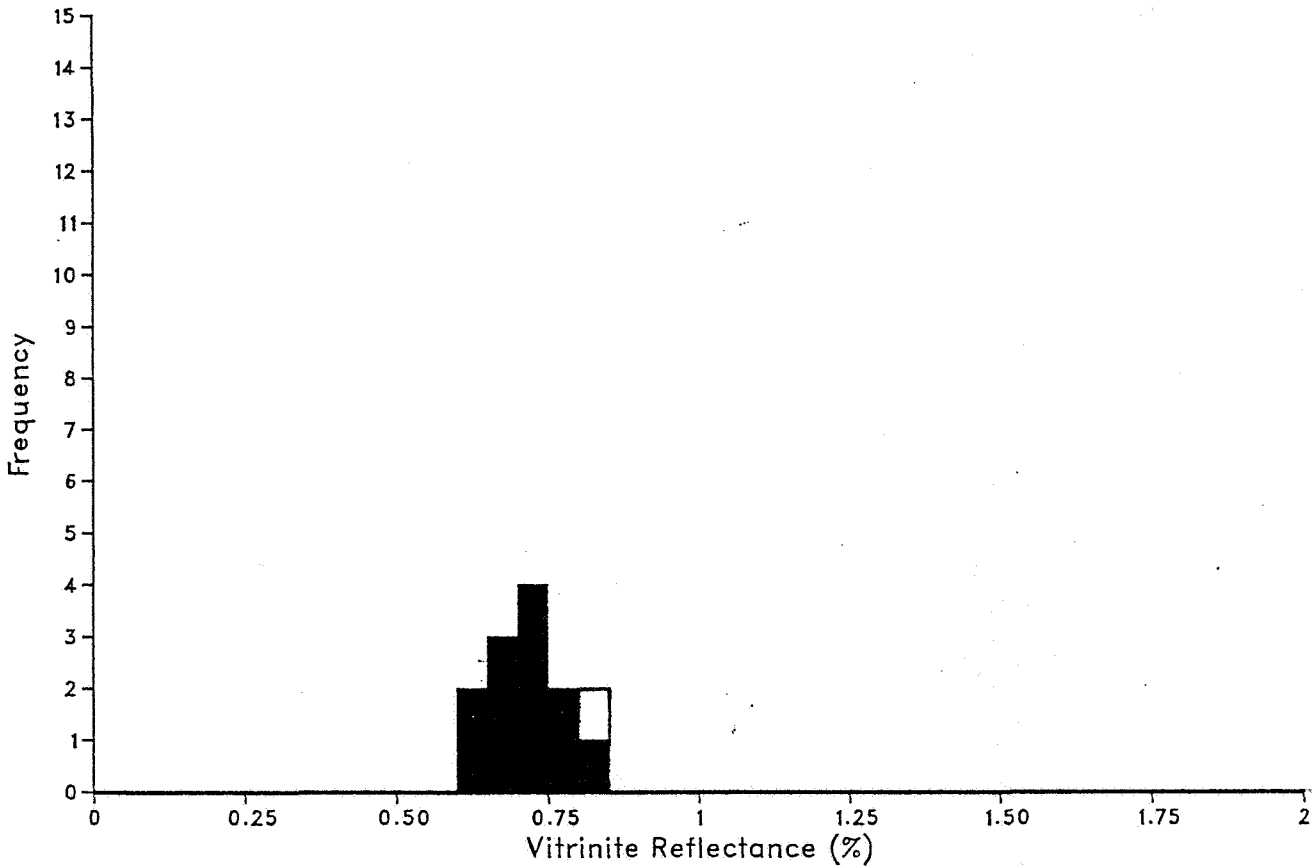


| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|----|
| Indigenous Population (from 0.400 to 0.650): | 0.53 | 0.07 | 13 |

| Readings: | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.410 | 0.430 | 0.460 | 0.480 | 0.500 | 0.510 | 0.540 | 0.550 | 0.570 | 0.580 |
| 0.590 | 0.620 | 0.630 | | | | | | | |

Vitrinite Reflectance Histogram

Well: NOCS 6507/6-2
Depth: 4088.00(m)

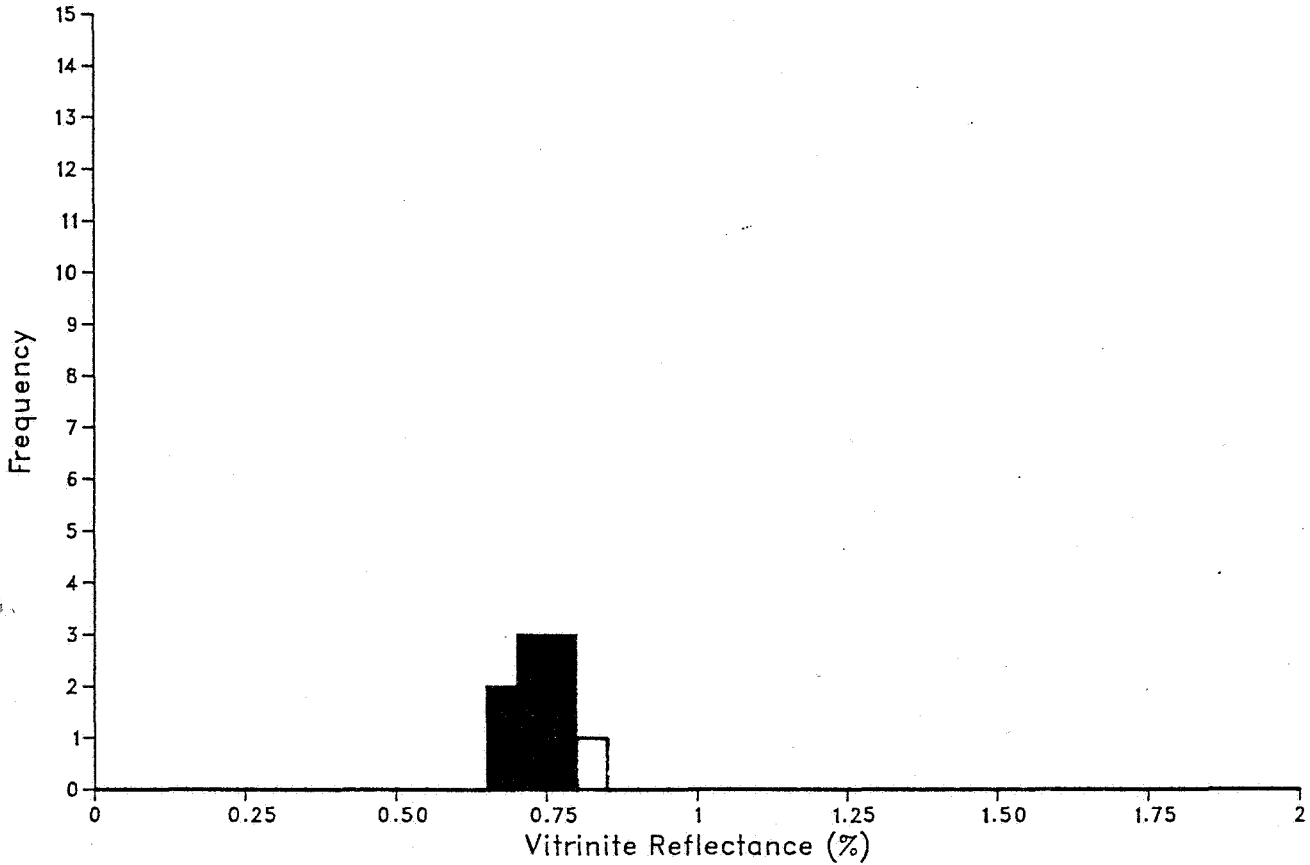


| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|----|
| Indigenous Population (from 0.600 to 0.800): | 0.71 | 0.06 | 12 |
| Population Two (from 0.810 to 0.850): | 0.83 | 0.02 | 2 |

| Readings: | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.580 | 0.600 | 0.620 | 0.660 | 0.670 | 0.680 | 0.710 | 0.720 | 0.730 | 0.740 |
| 0.760 | 0.790 | 0.800 | 0.810 | 0.840 | | | | | |

Vitrinite Reflectance Histogram

Well: NOCS 650776-2
 Depth: 4144.00(m)

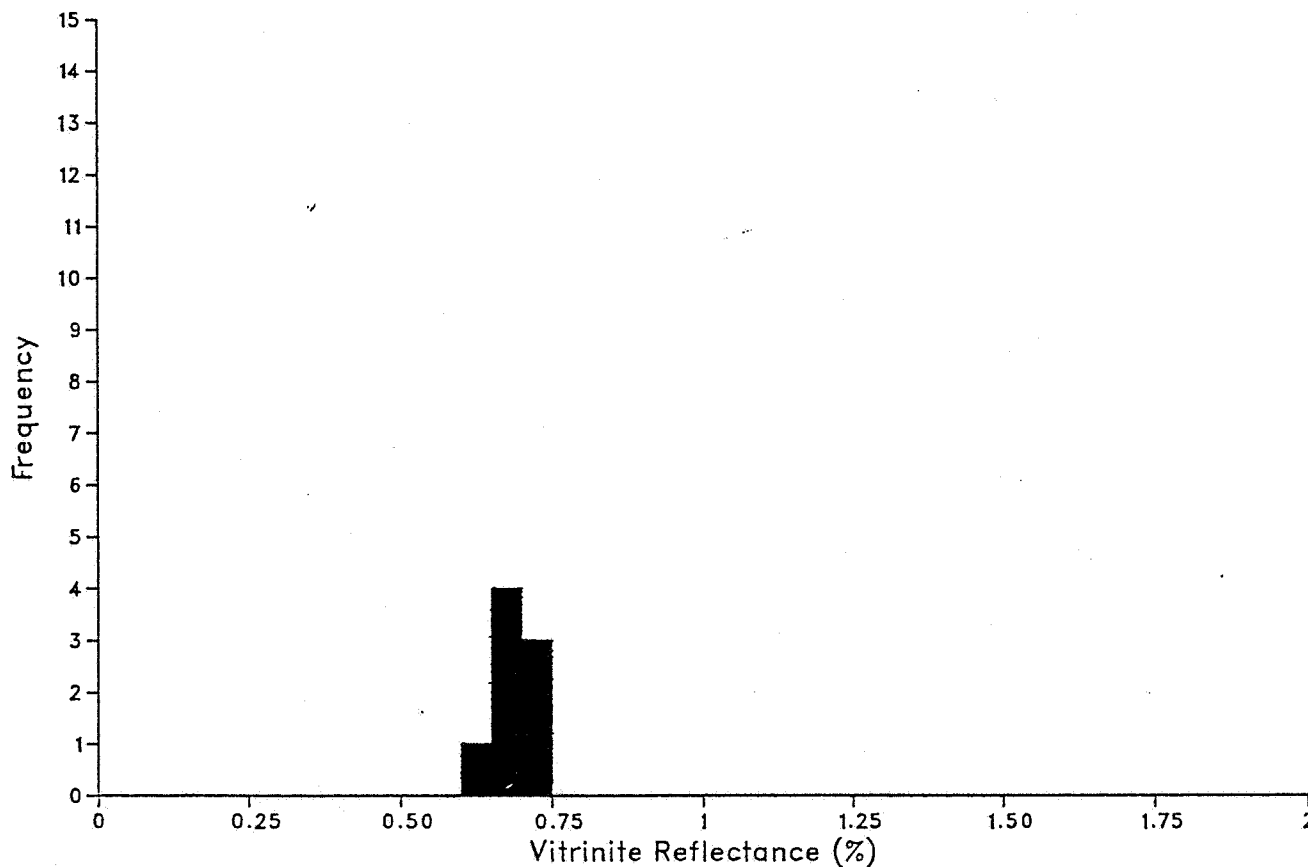


| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|---|
| Indigenous Population (from 0.650 to 0.800): | 0.73 | 0.04 | 8 |
| Population Two (from 0.810 to 0.850): | 0.83 | 0.00 | 1 |

| Readings: |
|----------------------------------------------------------------------|
| 0.670 0.690 0.710 0.720 0.730 0.750 0.770 0.780 0.830 0.870 0.890 |

Vitrinite Reflectance Histogram

Well: NOCS 6507/6-2
 Depth: 4210.50(m)

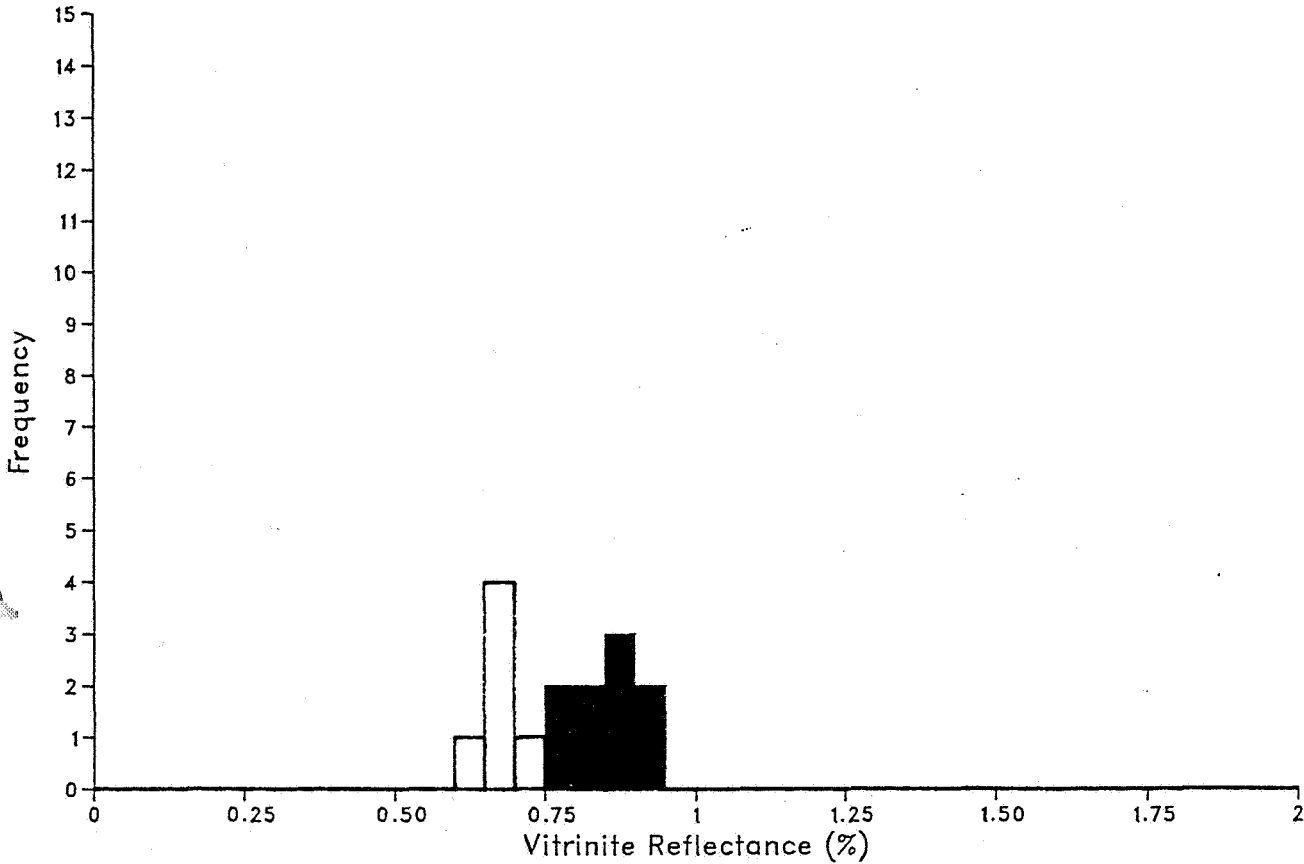


| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|---|
| Indigenous Population (from 0.650 to 0.750): | 0.69 | 0.03 | 8 |

| Readings: |
|-------------------------------------------------------------|
| 0.610 0.650 0.660 0.670 0.680 0.690 0.710 0.730 0.740 0.850 |

Vitrinite Reflectance Histogram

Well: NOCS 650776-2
 Depth: 4250.00(m)



| Statistics: | Mean | St.Dev. | n |
|----------------------------------------------|------|---------|---|
| Indigenous Population (from 0.750 to 0.950): | 0.85 | 0.06 | 9 |
| Population Two (from 0.650 to 0.740): | 0.68 | 0.02 | 6 |

| Readings: | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.650 | 0.660 | 0.670 | 0.680 | 0.690 | 0.700 | 0.760 | 0.790 | 0.810 | 0.820 |
| 0.860 | 0.870 | 0.890 | 0.900 | 0.940 | 0.990 | | | | |