

Lithology Descriptions (Table 6)

| Well | Sample Name | Upper Depth | Lower Depth | Sample Type | Lithology Description |
|-----------|-------------|-------------|-------------|-------------|--|
| 15/12-11S | 97009-192 | 2610.0 | 2610.0 | Cuttings | Sh, med dk gy + 20% Sh, lt gy + 20% Sh, dk gy + tr Lst, v lt gy |
| 15/12-11S | 97009-193 | 2620.0 | 2620.0 | Cuttings | Sh, med dk gy + 20% Sh, lt gy + 20% Sh, dk gy + tr Sh, v dsky rd + tr Lst, pa gy |
| 15/12-11S | 97009-194 | 2630.0 | 2630.0 | Cuttings | Sh, med dk gy + 20% Sh, lt gy + 20% Sh, dk gy + tr Sh, v dsky rd + tr Lst, v lt gy |
| 15/12-11S | 97009-195 | 2640.0 | 2640.0 | Cuttings | Sh, lt gy + 20% Sh, med dk gy + tr Sh, dk gy + tr Sh, v dsky rd + tr Lst, v lt gy |
| 15/12-11S | 97009-196 | 2650.0 | 2650.0 | Cuttings | Sh, lt gy + 20% Sh, med dk gy + 20% Sh, brn gy + tr Sh, v dsky rd + tr Lst, v lt gy |
| 15/12-11S | 97009-197 | 2660.0 | 2660.0 | Cuttings | Sh, lt gy + 20% Sh, med dk gy + 20% Sh, brn gy + tr Sh, v dsky rd + tr Lst, v lt gy |
| 15/12-11S | 97009-198 | 2670.0 | 2670.0 | Cuttings | Sh, lt gy + 20% Sh, med dk gy + 10% Sh, brn gy + tr Sh, v dsky rd + tr Lst, v lt gy |
| 15/12-11S | 97009-199 | 2680.0 | 2680.0 | Cuttings | Sh, lt gy + 20% Sh, med dk gy + 10% Sh, brn gy + tr Sh, v dsky rd + tr Lst, v lt gy |
| 15/12-11S | 97009-200 | 2690.0 | 2690.0 | Cuttings | Sh, lt gy + 20% Sh, med dk gy + 10% Sh, brn gy + 10% Sh, lt olv gy + mnr Sh, v dsky rd + tr Lst, v lt gy |
| 15/12-11S | 97009-201 | 2700.0 | 2700.0 | Cuttings | Sh, lt gy + 20% Sh, med dk gy + 20% Sh, lt olv gy + 10% Sh, v dsky rd + mnr Lst, v lt gy |
| 15/12-11S | 97009-202 | 2710.0 | 2710.0 | Cuttings | Sh, med dk gy + 20% Sh, lt gy + 20% Sh, lt olv gy + 10% Sh, v dsky rd + mnr Lst, v lt gy |
| 15/12-11S | 97009-203 | 2720.0 | 2720.0 | Cuttings | Sh, med dk gy + 20% Sh, lt med gy + 10% Sh, lt gy + 10% Lst, v lt gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-204 | 2730.0 | 2730.0 | Cuttings | Sh, med dk gy + 20% Sh, lt med gy + 20% Sh, lt gy + mnr Sh, v dsky rd + tr Lst, v lt gy |
| 15/12-11S | 97009-205 | 2740.0 | 2740.0 | Cuttings | Sh, lt gy + 20% Sh, lt med gy + 20% Sh, med dk gy + 10% Lst, v lt gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-206 | 2750.0 | 2750.0 | Cuttings | Lst, v lt gy + 20% Sh, med dk gy + 20% Sh, lt gy + 10% Sh, lt med gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-207 | 2760.0 | 2760.0 | Cuttings | Sh, med dk gy + 20% Lst, v lt gy + 20% Sh, lt med gy + 10% Sh, lt gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-208 | 2770.0 | 2770.0 | Cuttings | Lst, v lt gy + 20% Sh, med dk gy + 20% Sh, lt med gy + mnr Sh, lt gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-209 | 2780.0 | 2780.0 | Cuttings | Lst, v lt gy + 20% Sh, med dk gy + tr Sh, lt gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-210 | 2790.0 | 2790.0 | Cuttings | Sh, med dk gy + 20% Lst, v lt gy + 10% Sh, lt gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-211 | 2800.0 | 2800.0 | Cuttings | Lst, wht + 10% Sh, med dk gy + 10% Sh, lt gy |
| 15/12-11S | 97009-212 | 2810.0 | 2810.0 | Cuttings | Sh, med dk gy + 20% Lst, wht + 20% Sh, lt gy + 10% Sh, brn blk |
| 15/12-11S | 97009-213 | 2830.0 | 2830.0 | Cuttings | Sh, lt gy + 20% Lst, v lt gy + 20% Sh, med dk gy + tr Sh, brn blk + tr Lst, wht |
| 15/12-11S | 97009-214 | 2840.0 | 2840.0 | Cuttings | Sh, med dk gy + 20% Lst, wht + 20% Sh, lt gy + tr Sh, brn blk + tr Sh, v dsky rd |
| 15/12-11S | 97009-215 | 2850.0 | 2850.0 | Cuttings | Lst, wht + 20% Sh, med dk gy + tr Sh, lt gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-216 | 2860.0 | 2860.0 | Cuttings | Lst, wht + 20% Sh, med dk gy + 10% Sh, lt gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-217 | 2870.0 | 2870.0 | Cuttings | Lst, wht + 10% Sh, med dk gy + 10% Sh, lt gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-218 | 2880.0 | 2880.0 | Cuttings | Lst, wht + 20% Sh, med dk gy + 10% Sh, lt gy, calc + mnr Sh, v dsky rd |
| 15/12-11S | 97009-219 | 2890.0 | 2890.0 | Cuttings | Lst, wht + 20% Sh, med dk gy + 10% Sh, lt gy, calc + mnr Sh, v dsky rd |
| 15/12-11S | 97009-220 | 2900.0 | 2900.0 | Cuttings | Lst, pa orng pk + tr Sh, med dk gy + tr Sh, lt gy, calc |
| 15/12-11S | 97009-221 | 2910.0 | 2910.0 | Cuttings | Lst, pa orng pk + 20% Lst, pa yel brn + tr Lst, lt brn gy |
| 15/12-11S | 97009-222 | 2920.0 | 2920.0 | Cuttings | Lst, pa orng pk + 20% Lst, pa yel brn + tr Lst, lt brn gy |
| 15/12-11S | 97009-223 | 2930.0 | 2930.0 | Cuttings | Lst, pa orng pk + tr Lst, pa yel brn + tr Lst, lt brn gy |
| 15/12-11S | 97009-224 | 2940.0 | 2940.0 | Cuttings | Lst, pa orng pk + tr Lst, pa yel brn + tr Lst, lt brn gy |

Lithology Descriptions (Table 6)

| Well | Sample Name | Upper Depth | Lower Depth | Sample Type | Lithology Description |
|-----------|-------------|-------------|-------------|-------------|---|
| 15/12-11S | 97009-225 | 2950.0 | 2950.0 | Cuttings | Lst, pa org pk + tr Lst, pa yel brn + tr Lst, lt brn gy + tr Sh, dsky yel brn |
| 15/12-11S | 97009-226 | 2960.0 | 2960.0 | Cuttings | Lst, pa org pk + tr Lst, pa yel brn + tr Lst, lt brn gy + tr Lst, dsky yel brn |
| 15/12-11S | 97009-227 | 2970.0 | 2970.0 | Cuttings | Lst, pa org pk + tr Lst, pa yel brn + tr Lst, dsky yel brn |
| 15/12-11S | 97009-228 | 2980.0 | 2980.0 | Cuttings | Lst, pa org pk + tr Lst, pa yel brn + tr Lst, dsky yel brn |
| 15/12-11S | 97009-229 | 2990.0 | 2990.0 | Cuttings | Lst, pa org pk + tr Lst, pa yel brn + tr Lst, dsky yel brn |
| 15/12-11S | 97009-230 | 3000.0 | 3000.0 | Cuttings | Lst, pa org pk + tr Lst, pa yel brn + tr Lst, dsky yel brn + tr Sh, lt med gy |
| 15/12-11S | 97009-231 | 3010.0 | 3010.0 | Cuttings | Lst, pa org pk + tr Lst, pa yel brn + tr Lst, dsky yel brn + tr Sh, lt med gy |
| 15/12-11S | 97009-232 | 3020.0 | 3020.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + 20% Lst, med yel brn + tr Lst, dsky yel brn + tr Sh, lt med gy |
| 15/12-11S | 97009-233 | 3030.0 | 3030.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + 20% Sh, lt med gy + tr Lst, med yel brn |
| 15/12-11S | 97009-234 | 3040.0 | 3040.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + 20% Sh, lt med gy + tr Lst, med yel brn + tr Lst, dsky yel brn |
| 15/12-11S | 97009-235 | 3050.0 | 3050.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + 20% Sh, lt med gy + tr Lst, dsky yel brn |
| 15/12-11S | 97009-236 | 3060.0 | 3060.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + 20% Sh, lt med gy + tr Lst, wht |
| 15/12-11S | 97009-237 | 3070.0 | 3070.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + 20% Sh, lt med gy + tr Lst, wht |
| 15/12-11S | 97009-238 | 3080.0 | 3080.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + 20% Sh, lt med gy + tr Lst, wht |
| 15/12-11S | 97009-239 | 3090.0 | 3090.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + 20% Sh, lt med gy + 10% Lst, pa rd + tr Lst, wht |
| 15/12-11S | 97009-240 | 3100.0 | 3100.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + tr Sh, lt med gy + tr Lst, wht |
| 15/12-11S | 97009-241 | 3110.0 | 3110.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + tr Lst, lt med gy + tr Lst, wht |
| 15/12-11S | 97009-242 | 3120.0 | 3120.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + tr Lst, dsky yel brn |
| 15/12-11S | 97009-243 | 3130.0 | 3130.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + 20% Lst, lt med gy + tr Lst, wht |
| 15/12-11S | 97009-244 | 3140.0 | 3140.0 | Cuttings | Lst, lt med gy + 20% Lst, med dk gy + tr Lst, pa org pk + tr Lst, v lt gy |
| 15/12-11S | 97009-245 | 3150.0 | 3150.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + 20% Lst, dk yel brn + mnr Lst, lt med gy + tr Lst, wht |
| 15/12-11S | 97009-246 | 3160.0 | 3160.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + 20% Lst, med dk gy + tr Lst, dsky yel brn + tr Lst, v lt gy |
| 15/12-11S | 97009-247 | 3170.0 | 3170.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + 20% Lst, med dk gy + tr Lst, v lt gy |
| 15/12-11S | 97009-248 | 3180.0 | 3180.0 | Cuttings | Lst, med dk gy + 20% Lst, lt med gy + 20% Lst, v lt gy + tr Lst, pa yel brn |
| 15/12-11S | 97009-249 | 3190.0 | 3190.0 | Cuttings | Lst, pa org pk + 20% Lst, med dk gy + 20% Lst, med dk gy + tr Lst, v lt gy + tr Lst, dsky yel brn |
| 15/12-11S | 97009-250 | 3200.0 | 3200.0 | Cuttings | Lst, pa org pk + 20% Lst, lt med gy + 20% Lst, pa yel brn + tr Lst, v lt gy + tr Lst, wht |
| 15/12-11S | 97009-251 | 3210.0 | 3210.0 | Cuttings | Lst, pa org pk + 20% Lst, lt med gy + 20% Lst, pa yel brn + tr Lst, v lt gy |
| 15/12-11S | 97009-252 | 3220.0 | 3220.0 | Cuttings | Lst, pa org pk + 20% Lst, pa yel brn + tr Lst, dsky yel brn |
| 15/12-11S | 97009-253 | 3230.0 | 3230.0 | Cuttings | Lst, v lt gy + 20% Lst, lt med gy + tr Lst, pa yel brn + tr Lst, wht |
| 15/12-11S | 97009-254 | 3240.0 | 3240.0 | Cuttings | Lst, v lt gy + 20% Lst, lt med gy + 20% Lst, med rd brn + tr Lst, dsky yel brn + tr Lst, wht |
| 15/12-11S | 97009-255 | 3249.0 | 3249.0 | Cuttings | Clyst / Sltst, olv blk + 20% Lst, v lt gy + 20% Sh, med dk gy + tr Sh, dk grn gy |
| 15/12-11S | 97009-256 | 3258.0 | 3258.0 | Cuttings | Clyst, olv blk, sity in pts, occ sdny (vf) + 10% Lst, v lt gy + 20% Sh, med dk gy |
| 15/12-11S | 97009-257 | 3276.0 | 3276.0 | Cuttings | Additive + 40% Clyst, olv blk |

Lithology Descriptions (Table 6)

| Well | Sample Name | Upper Depth | Lower Depth | Sample Type | Lithology Description |
|-----------|-------------|-------------|-------------|-------------|--|
| 15/12-11S | 97009-258 | 3285.0 | 3285.0 | Cuttings | Clyst, olv blk, v slty + tr Lst, v lt gy |
| 15/12-11S | 97009-259 | 3294.0 | 3294.0 | Cuttings | Clyst, olv blk, mic, slty/sndy in pts + tr Additive |
| 15/12-11S | 97009-260 | 3303.0 | 3303.0 | Cuttings | Additive + 20% Clyst, med dk gy |
| 15/12-11S | 97009-261 | 3312.0 | 3312.0 | Cuttings | Clyst, olv blk, slty, mic, slty, occ sndy in pts + 20% Sh, gy blk + tr Lst, v lt gy |
| 15/12-11S | 97009-262 | 3321.0 | 3321.0 | Cuttings | Clyst, olv blk, slty + 20% Sh, gy blk + tr Lst, v lt gy |
| 15/12-11S | 97009-263 | 3330.0 | 3330.0 | Cuttings | Clyst, olv blk, slty + 20% Sh, gy blk + tr Lst, v lt gy |
| 15/12-11S | 97009-264 | 3339.0 | 3339.0 | Cuttings | Clyst, olv blk, slty, loc sndy (vf) + 20% Sh, dk gy + tr Sh, gy blk + tr Lst, v lt gy |
| 15/12-11S | 97009-265 | 3348.0 | 3348.0 | Cuttings | Clyst, olv blk, slty + 20% Sh, dk gy + tr Lst, v lt gy |
| 15/12-11S | 97009-266 | 3357.0 | 3357.0 | Cuttings | Clyst, olv blk, slty + 20% Sh, dk gy + tr Lst, wht + tr Sst, med dk gy |
| 15/12-11S | 97009-267 | 3366.0 | 3366.0 | Cuttings | Clyst, olv blk, slty + 20% Sh, dk gy + tr Lst, wht + tr Sst, med dk gy |
| 15/12-11S | 97009-268 | 3375.0 | 3375.0 | Cuttings | Clyst, med dk gy, slty + 20% Sh, dk gy + tr Lst, v lt gy + tr Clyst, olv blk |
| 15/12-11S | 97009-269 | 3384.0 | 3384.0 | Cuttings | Clyst, olv blk + 20% Clyst, med dk gy, slty + 10% Sh, dk gy + tr Lst, pa yel brn |
| 15/12-11S | 97009-270 | 3393.0 | 3393.0 | Cuttings | Clyst, med dk gy, slty + 20% Clyst, olv blk, v sndy (vf) in pts + 10% Sh, dk gy + tr Lst, pa yel brn |
| 15/12-11S | 97009-271 | 3429.0 | 3429.0 | Cuttings | Lst, v lt gy + 20% Lst, pa yel brn + 20% Sst, olv blk + 10% Sh dk gy + mnr Sst, med dk gy |
| 15/12-11S | 97009-272 | 3438.0 | 3438.0 | Cuttings | Lst, brn gy + 20% Lst, pa yel brn + 10% Coal + tr Lst, wht |
| 15/12-11S | 97009-273 | 3447.0 | 3447.0 | Cuttings | Lst, lt brn gy + 20% Lst, pa yel brn + 10% Coal + tr Lst, wht |
| 15/12-11S | 97009-274 | 3456.0 | 3456.0 | Cuttings | Lst, lt brn gy + 20% Lst, v lt gy + 20% Lst, brn gy + 10% Lst, pa yel brn + mnr Coal |
| 15/12-11S | 97009-275 | 3465.0 | 3465.0 | Cuttings | Lst, lt brn gy + 20% Lst, pa yel brn + 10% Lst, brn gy + tr Lst, v lt gy |
| 15/12-11S | 97009-276 | 3474.0 | 3474.0 | Cuttings | Lst, lt brn gy + 20% Lst, pa yel brn + 10% Lst, brn gy + tr Lst, v lt gy |
| 15/12-11S | 97009-277 | 3483.0 | 3483.0 | Cuttings | Sh, lt brn gy + 20% Lst, pa yel brn + 10% Sh, brn gy + 10% Coal |
| 15/12-11S | 97009-278 | 3492.0 | 3492.0 | Cuttings | Sh, lt brn gy + 20% Coal + 20% Lst, pa yel brn + 10% Sh, brn gy |
| 15/12-11S | 97009-279 | 3501.0 | 3501.0 | Cuttings | Sh, brn blk + 20% Coal + 20% Lst, pa yel brn + 10% Lst, v lt gy |
| 15/12-11S | 97009-280 | 3510.0 | 3510.0 | Cuttings | Sh, brn blk + 20% Coal + 20% Lst, pa yel brn + 10% Lst, v lt gy + tr Lst, wht |
| 15/12-11S | 97009-281 | 3519.0 | 3519.0 | Cuttings | Coal + tr Lst, pa yel brn |
| 15/12-11S | 97009-282 | 3528.0 | 3528.0 | Cuttings | Lst, pa yel brn + 20% Coal + 10% Sh, gy blk + tr Lst, v lt gy |
| 15/12-11S | 97009-283 | 3537.0 | 3537.0 | Cuttings | Lst, v lt gy + 10% Coal + tr Lst, pa yel brn |
| 15/12-11S | 97009-284 | 3546.0 | 3546.0 | Cuttings | Lst, v lt gy + mnr Coal + tr Lst, pa yel brn |
| 15/12-11S | 97009-285 | 3555.0 | 3555.0 | Cuttings | Lst, v lt gy + 20% Clyst, lt gy + tr Coal + tr Lst, wht |
| 15/12-11S | 97009-286 | 3564.0 | 3564.0 | Cuttings | Lst, v lt gy + 20% Clyst, lt gy + tr Lst, wht |
| 15/12-11S | 97009-287 | 3573.0 | 3573.0 | Cuttings | Lst, v lt gy + 20% Clyst, lt gy + tr Lst, wht |
| 15/12-11S | 97009-288 | 3582.0 | 3582.0 | Cuttings | Lst, v lt gy + 20% Clyst, lt gy + tr Lst, wht |
| 15/12-11S | 97009-289 | 3591.0 | 3591.0 | Cuttings | Lst, v lt gy + 10% Clyst, lt gy |

Picked Lithologies (Table 7)

| Well | Sample Name | Upper Depth | Lower Depth | Sample Type | Lithology Description |
|-----------|-------------|-------------|-------------|-------------|---|
| 15/12-11S | 97009-186A | 2550.0 | 2550.0 | Cuttings | Sh, lt gy + 20% Sh, med dk gy + 20% Lst, pa gy + tr Sh, dk gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-187A | 2560.0 | 2560.0 | Cuttings | Sh, lt gy + 20% Sh, med dk gy + 20% Lst, pa gy + tr Sh, dk gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-188A | 2570.0 | 2570.0 | Cuttings | <u>Sh, med dk gy</u> + 20% Sh, lt gy + 20% Lst, pa gy + mnr Sh, dk gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-189A | 2580.0 | 2580.0 | Cuttings | <u>Sh, med dk gy</u> + 20% Sh, lt gy + 20% Sh, dk gy + tr Sh, v dsky rd + tr Lst, v lt gy |
| 15/12-11S | 97009-190A | 2590.0 | 2590.0 | Cuttings | Sh, dk gy + 20% Sh, lt gy + 20% Sh, med dk gy + tr Sh, v dsky rd + tr Lst, v lt gy |
| 15/12-11S | 97009-191A | 2600.0 | 2600.0 | Cuttings | <u>Sh, med dk gy</u> + 20% Sh, lt gy + 20% Sh, dk gy + tr Sh, v dsky rd + tr Lst, v lt gy |
| 15/12-11S | 97009-207A | 2760.0 | 2760.0 | Cuttings | <u>Sh, med dk gy</u> + 20% Lst, v lt gy + 20% Sh, lt med gy + 10% Sh, lt gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-207B | 2760.0 | 2760.0 | Cuttings | >0.5 u fraction <u>vf lse Sd</u> |
| 15/12-11S | 97009-208A | 2770.0 | 2770.0 | Cuttings | Lst, v lt gy + 20% Sh, med dk gy + 20% Sh, lt med gy + mnr Sh, lt gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-208B | 2770.0 | 2770.0 | Cuttings | >0.5 mm fraction <u>vf lse Sd</u> |
| 15/12-11S | 97009-209A | 2780.0 | 2780.0 | Cuttings | Lst, v lt gy + 20% <u>Sh, med dk gy</u> + tr Sh, lt gy + tr Sh, v dsky rd |
| 15/12-11S | 97009-209B | 2780.0 | 2780.0 | Cuttings | >0.5 mm fraction <u>vf lse Sd</u> |
| 15/12-11S | 97009-210A | 2790.0 | 2790.0 | Cuttings | >0.5 mm fraction <u>vf lse Sd</u> |
| 15/12-11S | 97009-211A | 2800.0 | 2800.0 | Cuttings | >0.5 mm fraction <u>vf lse Sd</u> |
| 15/12-11S | 97009-212A | 2810.0 | 2810.0 | Cuttings | >0.5 mm fraction <u>vf lse Sd</u> |
| 15/12-11S | 97009-213A | 2830.0 | 2830.0 | Cuttings | >0.5 mm fraction <u>vf lse Sd</u> |
| 15/12-11S | 97009-255A | 3249.0 | 3249.0 | Cuttings | Clyst / Sltst, olv blk + 20% Lst, v lt gy + 20% Sh, med dk gy + tr Sh, dk grn gy |
| 15/12-11S | 97009-255B | 3249.0 | 3249.0 | Cuttings | Clyst / Sltst, olv blk + 20% Lst, v lt gy + 20% Sh, med dk gy + tr Sh, dk grn gy |
| 15/12-11S | 97009-256A | 3258.0 | 3258.0 | Cuttings | Clyst, olv blk, slty in pts, occ sndy (vf) + 10% Lst, v lt gy + 20% <u>Sh, med dk gy</u> |
| 15/12-11S | 97009-256B | 3258.0 | 3258.0 | Cuttings | Clyst, olv blk, slty in pts, occ sndy (vf) + 10% Lst, v lt gy + 20% Sh, med dk gy |
| 15/12-11S | 97009-260A | 3303.0 | 3303.0 | Cuttings | Additive + 20% Clyst, med dk gy |
| 15/12-11S | 97009-260B | 3303.0 | 3303.0 | Cuttings | Additive + 20% Clyst, med dk gy |
| 15/12-11S | 97009-261A | 3312.0 | 3312.0 | Cuttings | Clyst, olv blk, slty, mic, slty, occ sndy in pts + 20% <u>Sh, gy blk</u> + tr Lst, v lt gy |
| 15/12-11S | 97009-261B | 3312.0 | 3312.0 | Cuttings | Clyst, olv blk, slty, mic, slty, occ sndy in pts + 20% Sh, gy blk + tr Lst, v lt gy |
| 15/12-11S | 97009-262A | 3321.0 | 3321.0 | Cuttings | Clyst, olv blk, slty + 20% <u>Sh, gy blk</u> + tr Lst, v lt gy |
| 15/12-11S | 97009-262B | 3321.0 | 3321.0 | Cuttings | Clyst, olv blk, slty + 20% Sh, gy blk + tr Lst, v lt gy |
| 15/12-11S | 97009-263A | 3330.0 | 3330.0 | Cuttings | Clyst, olv blk, slty + 20% <u>Sh, gy blk</u> + tr Lst, v lt gy |
| 15/12-11S | 97009-263B | 3330.0 | 3330.0 | Cuttings | Clyst, olv blk, slty + 20% Sh, gy blk + tr Lst, v lt gy |
| 15/12-11S | 97009-264A | 3339.0 | 3339.0 | Cuttings | Clyst, olv blk, slty, loc sndy (vf) + 20% <u>Sh, dk gy</u> + tr Sh, gy blk + tr Lst, v lt gy |
| 15/12-11S | 97009-264B | 3339.0 | 3339.0 | Cuttings | Clyst, olv blk, slty, loc sndy (vf) + 20% Sh, dk gy + tr Sh, gy blk + tr Lst, v lt gy |
| 15/12-11S | 97009-265A | 3348.0 | 3348.0 | Cuttings | Clyst, olv blk, slty + 20% <u>Sh, dk gy</u> + tr Lst, v lt gy |
| 15/12-11S | 97009-265B | 3348.0 | 3348.0 | Cuttings | Clyst, olv blk, slty + 20% Sh, dk gy + tr Lst, v lt gy |
| 15/12-11S | 97009-266A | 3357.0 | 3357.0 | Cuttings | Clyst, olv blk, slty + 20% <u>Sh, dk gy</u> + tr Lst, wht + tr Sst, med dk gy |
| 15/12-11S | 97009-266B | 3357.0 | 3357.0 | Cuttings | Clyst, olv blk, slty + 20% Sh, dk gy + tr Lst, wht + tr Sst, med dk gy |
| 15/12-11S | 97009-267A | 3366.0 | 3366.0 | Cuttings | Clyst, olv blk, slty + 20% <u>Sh, dk gy</u> + tr Lst, wht + tr Sst, med dk gy |
| 15/12-11S | 97009-267B | 3366.0 | 3366.0 | Cuttings | Clyst, olv blk, slty + 20% Sh, dk gy + tr Lst, wht + tr Sst, med dk gy |
| 15/12-11S | 97009-268A | 3375.0 | 3375.0 | Cuttings | Clyst, med dk gy, slty + 20% <u>Sh, dk gy</u> + tr Lst, v lt gy + tr Clyst, olv blk |
| 15/12-11S | 97009-269A | 3384.0 | 3384.0 | Cuttings | Clyst, olv blk + 20% Clyst, med dk gy, slty + 10% <u>Sh, dk gy</u> + tr Lst, pa yel brn |
| 15/12-11S | 97009-269B | 3384.0 | 3384.0 | Cuttings | Clyst, olv blk + 20% Clyst, med dk gy, slty + 10% Sh, dk gy + tr Lst, pa yel brn |
| 15/12-11S | 97009-270A | 3393.0 | 3393.0 | Cuttings | Clyst, med dk gy, slty + 20% Clyst, olv blk, v sndy (vf) in pts + 10% <u>Sh, dk gy</u> + tr Lst, pa yel brn |
| 15/12-11S | 97009-270B | 3393.0 | 3393.0 | Cuttings | Clyst, med dk gy, slty + 20% Clyst, olv blk, v sndy (vf) in pts + 10% Sh, dk gy + tr Lst, pa yel brn |
| 15/12-11S | 97009-278A | 3492.0 | 3492.0 | Cuttings | Sh, lt brn gy + 20% Coal + 20% Lst, pa yel brn + 10% Sh, brn gy |
| 15/12-11S | 97009-281A | 3519.0 | 3519.0 | Cuttings | Coal + tr Lst, pa yel brn |

N.B. - Picked lithologies are underlined

ROCK EVAL PYROLYSIS AND TOC DATA (Table 8)

| Well | Sample Name | Upper Depth | Lower Depth | Sample Type | Picked Lithology | S1 mg/g | S2 mg/g | S3 mg/g | Tmax deg C | TOC % wt |
|-----------|-------------|-------------|-------------|-------------|-----------------------|---------|---------|---------|------------|----------|
| 15/12-11S | 97009-186A | 2550.0 | 2550.0 | Picked Ctgs | Sh, med dk gy | 0.98 | 4.50 | 1.54 | 429 | 1.88 |
| 15/12-11S | 97009-187A | 2560.0 | 2560.0 | Picked Ctgs | Sh, med dk gy | 0.82 | 6.06 | 2.08 | 431 | 2.52 |
| 15/12-11S | 97009-188A | 2570.0 | 2570.0 | Picked Ctgs | Sh, med dk gy | 0.80 | 4.88 | 1.47 | 433 | 2.02 |
| 15/12-11S | 97009-189A | 2580.0 | 2580.0 | Picked Ctgs | Sh, med dk gy | 1.31 | 5.14 | 1.45 | 428 | 1.91 |
| 15/12-11S | 97009-190A | 2590.0 | 2590.0 | Picked Ctgs | Sh, dk gy | 2.34 | 5.57 | 1.79 | 393* | 1.74 |
| 15/12-11S | 97009-191A | 2600.0 | 2600.0 | Picked Ctgs | Sh, med dk gy | 1.12 | 4.24 | 1.48 | 428 | 1.70 |
| 15/12-11S | 97009-207A | 2760.0 | 2760.0 | Picked Ctgs | Sh, med dk gy | 0.32 | 1.76 | 1.16 | 363* | 0.87 |
| 15/12-11S | 97009-208A | 2770.0 | 2770.0 | Picked Ctgs | Sh, med dk gy | 0.61 | 3.01 | 1.67 | 367* | 1.16 |
| 15/12-11S | 97009-209A | 2780.0 | 2780.0 | Picked Ctgs | Sh, med dk gy | 0.45 | 2.22 | 1.48 | 362* | 1.05 |
| 15/12-11S | 97009-255A | 3249.0 | 3249.0 | Picked Ctgs | Sh, med dk gy | 2.25 | 13.13 | 1.40 | 431 | 3.81 |
| 15/12-11S | 97009-255B | 3249.0 | 3249.0 | Picked Ctgs | Clyst / Slst, olv blk | 3.01 | 17.88 | 1.41 | 429 | 5.20 |
| 15/12-11S | 97009-256A | 3258.0 | 3258.0 | Picked Ctgs | Sh, med dk gy | 2.90 | 17.18 | 1.61 | 436 | 4.53 |
| 15/12-11S | 97009-256B | 3258.0 | 3258.0 | Picked Ctgs | Clyst, olv blk | 3.09 | 19.43 | 1.35 | 433 | 4.92 |
| 15/12-11S | 97009-260A | 3303.0 | 3303.0 | Picked Ctgs | Clyst, med dk gy | 4.96 | 15.79 | 3.13 | 439 | 4.70 |
| 15/12-11S | 97009-260B | 3303.0 | 3303.0 | Picked Ctgs | Additive | 106.12 | 60.48 | 61.29 | 323 | 28.60 |
| 15/12-11S | 97009-261A | 3312.0 | 3312.0 | Picked Ctgs | Sh, gy blk | 4.09 | 17.84 | 2.09 | 439 | 5.11 |
| 15/12-11S | 97009-261B | 3312.0 | 3312.0 | Picked Ctgs | Clyst, olv blk | 4.5 | 19.08 | 1.35 | 439 | 5.27 |
| 15/12-11S | 97009-262A | 3321.0 | 3321.0 | Picked Ctgs | Sh, gy blk | 5.49 | 20.35 | 3.09 | 437 | 5.84 |
| 15/12-11S | 97009-262B | 3321.0 | 3321.0 | Picked Ctgs | Clyst, olv blk | 4.59 | 20.51 | 1.33 | 437 | 5.59 |
| 15/12-11S | 97009-263A | 3330.0 | 3330.0 | Picked Ctgs | Sh, gy blk | 1.45 | 5.35 | 1.75 | 437 | 2.04 |
| 15/12-11S | 97009-263B | 3330.0 | 3330.0 | Picked Ctgs | Clyst, olv blk | 1.94 | 6.37 | 1.53 | 438 | 2.52 |
| 15/12-11S | 97009-264A | 3339.0 | 3339.0 | Picked Ctgs | Sh, dk gy | 1.28 | 4.21 | 2.19 | 439 | 2.06 |
| 15/12-11S | 97009-264B | 3339.0 | 3339.0 | Picked Ctgs | Clyst, olv blk | 1.19 | 4.14 | 1.58 | 440 | 2.47 |
| 15/12-11S | 97009-265A | 3348.0 | 3348.0 | Picked Ctgs | Sh, dk gy | 1.54 | 5.65 | 2.25 | 443 | 3.50 |
| 15/12-11S | 97009-265B | 3348.0 | 3348.0 | Picked Ctgs | Clyst, olv blk | 0.99 | 4.73 | 1.32 | 442 | 3.27 |
| 15/12-11S | 97009-266A | 3357.0 | 3357.0 | Picked Ctgs | Sh, dk gy | 1.37 | 4.88 | 2.16 | 441 | 2.45 |
| 15/12-11S | 97009-266B | 3357.0 | 3357.0 | Picked Ctgs | Clyst, olv blk | 1.3 | 5.47 | 1.65 | 440 | 2.68 |
| 15/12-11S | 97009-267A | 3366.0 | 3366.0 | Picked Ctgs | Sh, dk gy | 1.52 | 5.92 | 1.85 | 442 | 3.07 |
| 15/12-11S | 97009-267B | 3366.0 | 3366.0 | Picked Ctgs | Clyst, olv blk | 1.43 | 5.51 | 1.9 | 440 | 2.95 |
| 15/12-11S | 97009-268A | 3375.0 | 3375.0 | Picked Ctgs | Sh, dk gy | 1.17 | 4.67 | 2.08 | 441 | 2.23 |
| 15/12-11S | 97009-269A | 3384.0 | 3384.0 | Picked Ctgs | Sh, dk gy | 3.70 | 15.24 | 1.87 | 438 | 6.75 |
| 15/12-11S | 97009-269B | 3384.0 | 3384.0 | Picked Ctgs | Clyst, olv blk | 1.23 | 4.06 | 1.56 | 440 | 7.08 |
| 15/12-11S | 97009-270A | 3393.0 | 3393.0 | Picked Ctgs | Sh, dk gy | 3.61 | 12.96 | 1.84 | 440 | 7.05 |
| 15/12-11S | 97009-270B | 3393.0 | 3393.0 | Picked Ctgs | Clyst, olv blk | 4.25 | 11.57 | 0.97 | 438 | 6.46 |
| 15/12-11S | 97009-278A | 3492.0 | 3492.0 | Picked Ctgs | Coal | 31.32 | 203.25 | 2.89 | 445 | 63.15 |
| 15/12-11S | 97009-281A | 3519.0 | 3519.0 | Picked Ctgs | Coal | 25.76 | 171.73 | 3.07 | 442 | 54.70 |

*- S2 peaks are doublets and Tmax is unreliable

Extraction Separation data (Table 9)

| Well | Nation | Sample Name | Upper Depth | Lower Depth | Sample Type | Lith | Wt of Rock (g) | EOM mg/g | SAT mg/g | ARD mg/g | NSO mg/g | Asph mg/g | Polars mg/g | TOC % |
|-----------|--------|-------------|-------------|-------------|-------------|------------------------|----------------|----------|----------|----------|----------|-----------|-------------|-------|
| 15/12-11S | NOR | 97009-207B | 2760.0 | 2760.0 | Picked Ctgs | Sd, vf, lse | 29.9 | 0.41 | | | | | | |
| 15/12-11S | NOR | 97009-208B | 2770.0 | 2770.0 | Picked Ctgs | Sd, vf, lse | 29.8 | 0.85 | 0.02 | 0.01 | 0.75 | 0.06 | 0.82 | |
| 15/12-11S | NOR | 97009-209B | 2780.0 | 2780.0 | Picked Ctgs | Sd, vf, lse | 29.7 | 0.37 | | | | | | |
| 15/12-11S | NOR | 97009-210A | 2790.0 | 2790.0 | Picked Ctgs | Sd, vf, lse | 29.8 | 1.63 | 0.03 | 0.01 | 1.47 | 0.13 | 1.59 | |
| 15/12-11S | NOR | 97009-211A | 2800.0 | 2800.0 | Picked Ctgs | Sd, vf, lse | 29.8 | 0.61 | | | | | | |
| 15/12-11S | NOR | 97009-212A | 2810.0 | 2810.0 | Picked Ctgs | Sd, vf, lse | 30.0 | 1.99 | 0.03 | 0.01 | 1.58 | 0.36 | 1.95 | |
| 15/12-11S | NOR | 97009-213A | 2830.0 | 2830.0 | Picked Ctgs | Sd, vf, lse | 29.8 | 1.40 | 0.02 | 0.01 | 1.21 | 0.15 | 1.36 | |
| 15/12-11S | NOR | 97009-255A | 3249.0 | 3249.0 | Picked Ctgs | Sh, med dk gy | 5.0 | 11.60 | 3.36 | 3.11 | 5.13 | | | 3.81 |
| 15/12-11S | NOR | 97009-255B | 3249.0 | 3249.0 | Picked Ctgs | Clyst / Sltst, olv blk | 4.4 | 11.70 | 3.30 | 3.11 | 5.29 | | | 5.20 |
| 15/12-11S | NOR | 97009-256B | 3258.0 | 3258.0 | Picked Ctgs | Clyst, olv blk | 5.2 | 11.46 | 3.22 | 2.81 | 5.43 | | | 4.92 |
| 15/12-11S | NOR | 97009-261B | 3312.0 | 3312.0 | Picked Ctgs | Clyst, olv blk, slty, | 4.8 | 17.33 | 1.66 | 2.12 | 13.56 | | | 5.27 |
| 15/12-11S | NOR | 97009-262B | 3321.0 | 3321.0 | Picked Ctgs | Clyst, olv blk, slty | 4.2 | 21.86 | 1.69 | 2.33 | 17.84 | | | 5.59 |
| 15/12-11S | NOR | 97009-266B | 3357.0 | 3357.0 | Picked Ctgs | Clyst, olv blk, slty | 4.5 | 11.40 | 0.15 | 0.34 | 10.91 | | | 2.68 |
| 15/12-11S | NOR | 97009-270A | 3393.0 | 3393.0 | Picked Ctgs | Sh, dk gy | 3.2 | 19.22 | 0.23 | 1.34 | 17.65 | | | 7.05 |
| 15/12-11S | NOR | 97009-278A | 3492.0 | 3492.0 | Picked Ctgs | Coal | 1.6 | 109.19 | 48.52 | 14.69 | 45.98 | | | 63.15 |

Pyrolysis GC peak area data (Table 10)

| Well | Nation | Sample name | Upper Depth | Lower Depth | Sample type | Lith | C1 % | C2-C5 % | C6-14 % | C15+ % |
|-----------|--------|-------------|-------------|-------------|-------------|------------------------|-------|---------|---------|--------|
| 15/12-11S | NOR | 97009-255A | 3249.00 | 3249.00 | Cuttings | Sh, med dk gy | 4.64 | 12.78 | 45.71 | 36.86 |
| 15/12-11S | NOR | 97009-255B | 3249.00 | 3249.00 | Cuttings | Clyst / Sltst, olv blk | 3.67 | 9.22 | 49.12 | 37.99 |
| 15/12-11S | NOR | 97009-256B | 3258.00 | 3258.00 | Cuttings | Clyst, olv blk | 3.90 | 5.33 | 48.57 | 42.20 |
| 15/12-11S | NOR | 97009-261B | 3312.00 | 3312.00 | Cuttings | Clyst, olv blk, slty | 5.15 | 5.43 | 43.93 | 45.50 |
| 15/12-11S | NOR | 97009-262B | 3321.00 | 3321.00 | Cuttings | Clyst, olv blk | 9.65 | 1.51 | 52.50 | 36.34 |
| 15/12-11S | NOR | 97009-266B | 3357.00 | 3357.00 | Cuttings | Clyst, olv blk | 6.71 | 33.09 | 50.68 | 9.52 |
| 15/12-11S | NOR | 97009-270A | 3393.00 | 3393.00 | Cuttings | Sh, dk gy | 10.19 | 19.55 | 40.47 | 29.79 |
| 15/12-11S | NOR | 97009-278A | 3492.00 | 3492.00 | Cuttings | Coal | 13.00 | 4.15 | 36.11 | 46.73 |

SATURATE GC DATA - PEAK HEIGHTS (Table 11)

| Well | Nation | Sample Name | Upper Depth | Lower Depth | Sample Type | Lithology | n_C10 mV | n_C17 mV | n_C18 mV | n_C22 mV | n_C27 mV | n_C32 mV | i_C18 mV | Phytane mV | Phytane mV | CP11 mV | CP12 mV |
|-----------|--------|-------------|-------------|-------------|-------------|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|------------|------------|
| 15/12-11S | NOR | 97009-208B | 2770.0 | 2770.0 | Cuttings | vf lse Sd | 0 | 11118 | 13762 | 8746 | 12244 | 8070 | 2455 | 8387 | 6249 | 1.71 | 1.83 |
| 15/12-11S | NOR | 97009-210A | 2790.0 | 2790.0 | Cuttings | vf lse Sd | 0 | 19146 | 31455 | 20683 | 18189 | 12595 | 5650 | 22106 | 10102 | 1.45 | 1.59 |
| 15/12-11S | NOR | 97009-212A | 2810.0 | 2810.0 | Cuttings | vf lse Sd | 0 | 21007 | 30578 | 17653 | 22066 | 12839 | 4916 | 15255 | 12123 | 1.53 | 1.62 |
| 15/12-11S | NOR | 97009-213A | 2830.0 | 2830.0 | Cuttings | vf lse Sd | 0 | 24117 | 29261 | 11358 | 10554 | 6603 | 7188 | 16164 | 12655 | 1.69 | 1.80 |
| 15/12-11S | NOR | 97009-255A | 3249.0 | 3249.0 | Cuttings | Sh, med dk gy | 0 | 132078 | 108145 | 69877 | 41654 | 28691 | 53407 | 110446 | 87852 | 0.98 | 1.09 |
| 15/12-11S | NOR | 97009-255B | 3249.0 | 3249.0 | Cuttings | Clyst / Sltst, olv blk | 0 | 195403 | 164886 | 109450 | 60390 | 46871 | 78173 | 166114 | 146917 | 0.98 | 1.10 |
| 15/12-11S | NOR | 97009-256B | 3258.0 | 3258.0 | Cuttings | Clyst, olv blk | 0 | 158372 | 137764 | 102873 | 61356 | 61584 | 65681 | 145937 | 130989 | 0.99 | 1.03 |
| 15/12-11S | NOR | 97009-261B | 3312.0 | 3312.0 | Cuttings | Clyst, olv blk, slty | 0 | 224524 | 188271 | 134918 | 133478 | 65079 | 96176 | 295891 | 153218 | 1.15 | 1.26 |
| 15/12-11S | NOR | 97009-262B | 3321.0 | 3321.0 | Cuttings | Clyst, olv blk | 0 | 187336 | 172592 | 151503 | 130692 | 57991 | 74861 | 227712 | 112773 | 1.16 | 1.28 |
| 15/12-11S | NOR | 97009-266B | 3357.0 | 3357.0 | Cuttings | Clyst, olv blk | 0 | 105938 | 95530 | 62030 | 50024 | 12991 | 27846 | 69809 | 30824 | 1.28 | 1.35 |
| 15/12-11S | NOR | 97009-270A | 3393.0 | 3393.0 | Cuttings | Sh, dk gy | 0 | 105974 | 100995 | 87317 | 85383 | 22700 | 53184 | 162103 | 41613 | 1.29 | 1.42 |
| 15/12-11S | NOR | 97009-278A | 3492.0 | 3492.0 | Cuttings | Coal | 0 | 161391 | 189579 | 179322 | 212726 | 48770 | 148175 | 670592 | 112868 | 1.18 | 1.26 |

AROMATIC GC DATA - PEAK HEIGHTS (Table 12)

| Well | Location | Sample Name | Upper Depth | Lower Depth | Sample Type | Field Lithology | 2MN mV | 1MN mV | BPh mV | 2EN mV | 1EN mV | 2,6-2,7 DMN mV | 1,5 DMN mV | 1,3,7 mV | 2,3,6 mV | 1,3,6 mV | 1,3,5 + 1,4,6 TMIN mV | P mV | 3MP mV | 2MP mV | 1MP mV | 1MP mV |
|-----------|----------|-------------|-------------|-------------|-------------|-----------------|----------------------------------|-----------|-----------|-----------|-----------|----------------------|------------------|-------------|-------------|-------------|-----------------------------|---------|-----------|-----------|-----------|-----------|
| 15/12-11S | NOR | 97009-208B | 2770.00 | 2770.00 | Cuttings | vf lse Sd | Peak identification not possible | | | | | | | | | | | | | | | |
| 15/12-11S | NOR | 97009-210A | 2790.00 | 2790.00 | Cuttings | vf lse Sd | Peak identification not possible | | | | | | | | | | | | | | | |
| 15/12-11S | NOR | 97009-212A | 2810.00 | 2810.00 | Cuttings | vf lse Sd | Peak identification not possible | | | | | | | | | | | | | | | |
| 15/12-11S | NOR | 97009-213A | 2830.00 | 2830.00 | Cuttings | vf lse Sd | Peak identification not possible | | | | | | | | | | | | | | | |

Alkane GC/MS - Peak Height Data (Table 13)

| Well | Neilon | Sample name | Upper Depth | Lower Depth | Sample type | Lith | Ion m/z: 191 | | | | | | | | | |
|-----------|--------|-------------|-------------|-------------|-------------|------------------------|--------------|-------|--------|-------|--------|----------------|-------|-------|--------|-------|
| | | | | | | | 24/3 | 27 Ts | 27Tm | 28ab | 29ab | 29Ta | 30d | 29ba | 30ab | 30ba |
| | | | | | | | Q | A | B | Z | C | C ₁ | X | D | E | F |
| 15/12-11S | NOR | 97009-255A | 3249.00 | 3249.00 | Cuttings | Sh, med dk gy | 2268 | 3667 | 6816 | - | 16307 | 6661 | 2904 | 2187 | 39011 | 6440 |
| 15/12-11S | NOR | 97009-255B | 3249.00 | 3249.00 | Cuttings | Clyst / Sltst, olv blk | 4355 | 7179 | 14005 | - | 30834 | 12798 | 6049 | 4897 | 77783 | 14855 |
| 15/12-11S | NOR | 97009-256B | 3258.00 | 3258.00 | Cuttings | Clyst, olv blk | 4939 | 6976 | 13886 | - | 38907 | 17638 | 7815 | 5531 | 107440 | 18624 |
| 15/12-11S | NOR | 97009-261B | 3312.00 | 3312.00 | Cuttings | Clyst, olv blk, slty | 6507 | 14000 | 68714 | 20022 | 135353 | 43829 | 30930 | 26976 | 268277 | 72064 |
| 15/12-11S | NOR | 97009-262B | 3321.00 | 3321.00 | Cuttings | Clyst, olv blk | 3800 | 5348 | 30414 | 21119 | 61156 | - | 11492 | 11840 | 113240 | 29376 |
| 15/12-11S | NOR | 97009-266B | 3357.00 | 3357.00 | Cuttings | Clyst, olv blk | 642 | 400 | 9646 | 296 | 8821 | - | 451 | 1644 | 11844 | 3373 |
| 15/12-11S | NOR | 97009-270A | 3393.00 | 3393.00 | Cuttings | Sh, dk gy | 775 | 532 | 29793 | 1867 | 31960 | - | 1217 | 5462 | 36674 | 10816 |
| 15/12-11S | NOR | 97009-278A | 3492.00 | 3492.00 | Cuttings | Coal | 727 | 1132 | 101963 | 4066 | 161724 | - | 7668 | 13957 | 195825 | 34000 |

Alkane GC/MS - Peak Height Data (Table 13)

| Well | Neighb | Sample name | Upper Depth | Lower Depth | Sample type | Lith | ten m/z 101 | | | | | | | | | | |
|-----------|--------|-------------|-------------|-------------|-------------|------------------------|-------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | | | | 31abs | 31abr | 32abs | 32abr | 33abs | 33abr | 34abs | 34abr | 35abs | 35abr | 31ba |
| | | | | | | | G1 | G2 | J1 | J2 | K1 | K2 | L1 | L2 | M1 | M2 | I |
| 15/12-11S | NOR | 97009-255A | 3249.00 | 3249.00 | Cuttings | Sh, med dk gy | 20704 | 13920 | 12829 | 9718 | 12682 | 8120 | 10048 | 5040 | 8369 | 5040 | 3288 |
| 15/12-11S | NOR | 97009-255B | 3249.00 | 3249.00 | Cuttings | Clyst / Sltst, olv blk | 43076 | 28538 | 29667 | 21469 | 28124 | 18763 | 21885 | 12658 | 20480 | 12946 | 7436 |
| 15/12-11S | NOR | 97009-256B | 3258.00 | 3258.00 | Cuttings | Clyst, olv blk | 57777 | 38166 | 38679 | 27453 | 37296 | 25629 | 31195 | 17344 | 27200 | 16554 | 8692 |
| 15/12-11S | NOR | 97009-261B | 3312.00 | 3312.00 | Cuttings | Clyst, olv blk, sly | 172800 | 121856 | 86552 | 58344 | 76404 | 52285 | 71471 | 41792 | 41472 | 25061 | 37184 |
| 15/12-11S | NOR | 97009-262B | 3321.00 | 3321.00 | Cuttings | Clyst, olv blk | 70016 | 48192 | 34451 | 24705 | 28120 | 19756 | 25563 | 13875 | 13748 | 8215 | 15369 |
| 15/12-11S | NOR | 97009-266B | 3357.00 | 3357.00 | Cuttings | Clyst, olv blk | 7063 | 4587 | 2137 | 1508 | 889 | 703 | 799 | 414 | - | - | 1894 |
| 15/12-11S | NOR | 97009-270A | 3393.00 | 3393.00 | Cuttings | Sh, dk gy | 24845 | 18128 | 8701 | 5914 | 3418 | 2548 | 3387 | 1291 | 609 | 400 | 6411 |
| 15/12-11S | NOR | 97009-278A | 3492.00 | 3492.00 | Cuttings | Coal | 123776 | 81408 | 54696 | 39268 | 20472 | 16054 | 15125 | 6007 | 2623 | 1176 | 17024 |

Alkane GC/MS - Peak Height Data (Table 13)

| Well | Neighb | Sample Name | Upper Depth | Lower Depth | Sample type | Lith | Ion m/z 217 | | | | | | Ion m/z 218 | | |
|-----------|--------|-------------|-------------|-------------|-------------|------------------------|-------------|-------|-------|-------|-------|-------|-------------|-------|-------|
| | | | | | | | 27dbS | 27aaR | 29aaS | 29bbR | 29bbS | 29aaR | 27bbS | 28bbS | 29bbS |
| | | | | | | | A | J | Q | R | S | T | B | D | F |
| 15/12-11S | NOR | 97009-255A | 3249.00 | 3249.00 | Cuttings | Sh, med dk gy | 12200 | 6247 | 4243 | 3198 | 2173 | 5355 | 4136 | 2700 | 3248 |
| 15/12-11S | NOR | 97009-255B | 3249.00 | 3249.00 | Cuttings | Clyst / Sltst, olv blk | 22178 | 13008 | 8499 | 6917 | 4323 | 11494 | 8268 | 6968 | 8436 |
| 15/12-11S | NOR | 97009-256B | 3258.00 | 3258.00 | Cuttings | Clyst, olv blk | 22383 | 13584 | 12087 | 9360 | 6624 | 15015 | 9653 | 6896 | 10288 |
| 15/12-11S | NOR | 97009-261B | 3312.00 | 3312.00 | Cuttings | Clyst, olv blk, slty | 62080 | 25984 | 23055 | 18624 | 13600 | 27200 | 20181 | 12528 | 21440 |
| 15/12-11S | NOR | 97009-262B | 3321.00 | 3321.00 | Cuttings | Clyst, olv blk | 27043 | 9424 | 8909 | 6584 | 5443 | 10136 | 6758 | 4207 | 8111 |
| 15/12-11S | NOR | 97009-266B | 3357.00 | 3357.00 | Cuttings | Clyst, olv blk | 845 | 336 | 417 | 195 | 188 | 334 | 326 | 292 | 268 |
| 15/12-11S | NOR | 97009-270A | 3393.00 | 3393.00 | Cuttings | Sh, dk gy | 835 | 353 | 734 | 348 | 361 | 526 | 431 | 326 | 355 |
| 15/12-11S | NOR | 97009-278A | 3492.00 | 3492.00 | Cuttings | Coal | 277 | 171 | 2201 | 1148 | 1323 | 1687 | 266 | 848 | 1596 |

