**附表1** **W207井筇竹寺组地球化学数据**

**Attached table 1 Geochemical data of Qiongzhusi Formation in W207 drill core**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 编号 | 深度/m | TOC/% | Al/% | Mo/×10-6 | MoEF | FeT/% | FeHR/FeT | Fepy/FeHR | TNdecarb/% | TCdecarb/% | C/N | δ15N/‰ | δ34S/‰ | δ13Corg/‰ |
| W-2 | 3 000.59 | 0.39 | 6.67 | 10.28 | 8.26 | 3.27 | 0.39 | 0.66 | 0.07 | 0.60 | 8.65 | 0.17 | -3.23 | -30.94 |
| W-7 | 3 010.55 | 0.65 | 8.18 | 6.67 | 4.37 | 4.55 | 0.32 | 0.67 | 0.10 | 0.90 | 9.09 | 0.40 | 1.99 | -30.72 |
| W-9 | 3 015.03 | 0.70 | 8.20 | 7.69 | 5.03 | 4.60 | 0.37 | 0.70 | 0.10 | 1.10 | 11.49 | 0.59 | 2.12 | -30.65 |
| W-14 | 3 026.19 | 0.68 | 8.06 | 5.82 | 3.87 | 4.41 | 0.30 | 0.55 | 0.09 | 1.03 | 11.09 | 0.21 | 10.37 | -30.44 |
| W-19 | 3 035.38 | 0.81 | 8.68 | 5.59 | 3.45 | 4.62 | 0.29 | 0.65 | 0.11 | 1.34 | 11.87 | 0.27 | 12.06 | -30.55 |
| W-24 | 3 043.95 | 1.28 | 8.45 | 9.78 | 6.20 | 4.11 | 0.31 | 0.62 | 0.13 | 1.86 | 14.76 | -0.14 | 10.00 | -30.57 |
| W-31 | 3 055.91 | 0.30 | 6.72 | 2.48 | 1.98 | 2.57 | 0.30 | 0.49 | 0.05 | 0.47 | 9.17 | -1.16 | 3.59 | -30.82 |
| W-35 | 3 062.45 | 0.30 | 6.55 | 3.92 | 3.21 | 2.70 | 0.33 | 0.54 | 0.05 | 0.48 | 8.91 | -0.60 | -3.38 | -30.80 |
| W-45 | 3 080.51 | 0.38 | 6.92 | 4.07 | 3.15 | 2.84 | 0.27 | 0.41 | 0.06 | 0.60 | 9.66 | -0.20 | -1.76 | -31.15 |
| W-49 | 3 088.35 | 0.61 | 7.26 | 8.31 | 6.14 | 3.34 | 0.29 | 0.60 | 0.08 | 1.45 | 18.61 | -0.48 | -3.45 | -31.66 |
| W-59 | 3 103.15 | 0.76 | 7.53 | 15.88 | 11.31 | 4.21 | 0.42 | 0.73 | 0.08 | 1.30 | 15.42 | -0.37 | -2.49 | -31.84 |
| W-64 | 3 110.67 | 1.08 | 7.13 | 16.99 | 12.77 | 3.27 | 0.41 | 0.72 | 0.09 | 1.66 | 18.37 | -0.49 | 0.97 | -31.87 |
| W-70 | 3 115.74 | 1.30 | 7.46 | 15.59 | 11.20 | 3.67 | 0.41 | 0.76 | 0.09 | 1.78 | 20.01 | -0.36 | 1.78 | -31.83 |
| W-90 | 3 130.65 | 2.94 | 7.11 | 27.28 | 20.57 | 3.85 | 0.38 | 0.74 | 0.10 | 3.40 | 32.85 | -0.58 | 11.76 | -31.56 |
| W-103 | 3 138.43 | 1.20 | 6.72 | 15.19 | 12.12 | 4.64 | 0.51 | 0.80 | 0.09 | 1.81 | 20.80 | -0.24 | 14.53 | -31.57 |
| W-106 | 3 142.57 | 1.14 | 6.44 | 17.53 | 14.59 | 3.88 | 0.51 | 0.80 | 0.08 | 1.67 | 19.88 | -0.84 | -1.89 | -32.07 |
| W-110 | 3 147.64 | 1.60 | 7.40 | 13.40 | 9.71 | 4.01 | 0.38 | 0.75 | 0.08 | 1.96 | 23.65 | -0.65 | 1.20 | -32.01 |
| W-112 | 3 149.58 | 1.17 | 7.36 | 12.90 | 9.40 | 3.95 | 0.31 | 0.67 | 0.09 | 1.78 | 20.64 | -1.02 | 2.13 | -32.05 |
| W-114 | 3 151.99 | 1.02 | 6.76 | 9.90 | 7.85 | 3.59 | 0.33 | 0.66 | 0.07 | 1.49 | 20.12 | -0.86 | 3.63 | -31.91 |
| W-117 | 3 157.82 | 0.71 | 5.71 | 8.96 | 8.40 | 3.31 | 0.38 | 0.66 | 0.08 | 1.47 | 19.30 | -0.61 | -1.00 | -31.83 |
| W-119 | 3 159.56 | 1.27 | 7.07 | 9.84 | 7.46 | 3.94 | 0.37 | 0.72 | 0.08 | 1.73 | 22.70 | -0.37 | -3.77 | -31.96 |
| W-121 | 3 161.69 | 1.49 | 7.23 | 26.12 | 19.37 | 4.40 | 0.44 | 0.78 | 0.09 | 2.06 | 22.55 | -0.77 | -13.03 | -32.35 |

**续附表1 W207井筇竹寺组地球化学数据**

**Continued attached table 1 Geochemical data of Qiongzhusi Formation in W207 drill core**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 编号 | | 深度/m | | TOC/% | | Al/% | | Mo/×10-6 | | MoEF | | FeT/% | | FeHR/FeT | | Fepy/FeHR | | TNdecarb/% | | TCdecarb/% | C/N | | | δ15N/‰ | | δ34S/‰ | | δ13Corg/‰ | |
| W-134 | 3 177.64 | | 0.18 | | 5.26 | | 1.16 | | 1.19 | | 1.63 | | 0.30 | | 0.28 | | 0.04 | | 0.37 | | | 8.78 | -1.22 | | 42.53 | | -31.42 | |
| W-137 | | 3 179.1 | | 0.79 | | 7.48 | | 17.73 | | 12.70 | | 4.37 | | 0.38 | | 0.73 | | 0.07 | | 1.24 | 18.19 | | | 0.06 | | -14.66 | | -33.27 | |
| W-140 | | 3 181.4 | | 0.95 | | 7.57 | | 24.59 | | 17.42 | | 4.62 | | 0.50 | | 0.63 | | 0.09 | | 1.47 | 16.91 | | | -0.70 | | -18.49 | | -33.48 | |
| W-143 | | 3 184.63 | | 1.17 | | 7.49 | | 22.47 | | 16.08 | | 4.15 | | 0.32 | | 0.70 | | 0.09 | | 1.70 | 19.00 | | | -0.40 | | -6.64 | | -33.77 | |
| W-144 | | 3 186.42 | | 0.34 | | 5.20 | | 9.34 | | 9.62 | | 4.59 | | 0.53 | | 0.51 | | 0.07 | | 0.80 | 10.93 | | | -0.07 | | 0.82 | | -32.80 | |
| W-145 | | 3 187.41 | | 1.14 | | 7.62 | | 21.51 | | 15.13 | | 4.28 | | 0.38 | | 0.77 | | 0.09 | | 1.65 | 17.49 | | | -0.63 | | -4.41 | | -33.89 | |
| W-147 | | 3 189.12 | | 0.74 | | 8.12 | | 17.16 | | 11.32 | | 5.18 | | 0.36 | | 0.76 | | 0.09 | | 1.29 | 15.10 | | | -0.46 | | -4.84 | | -33.79 | |
| W-164 | | 3 221.05 | | 1.94 | | 7.62 | | 29.54 | | 20.79 | | 3.91 | | 0.59 | | 0.88 | | 0.10 | | 2.44 | 24.38 | | | -0.93 | | 2.05 | | -32.79 | |
| W-166 | | 3 222.01 | | 2.94 | | 6.80 | | 24.61 | | 19.41 | | 4.11 | | 0.50 | | 0.86 | | 0.11 | | 3.55 | 33.21 | | | -0.43 | | 7.51 | | -32.91 | |
| W-172 | | 3 224.51 | | 2.41 | | 5.76 | | 35.53 | | 33.09 | | 3.51 | | 0.58 | | 0.81 | | 0.09 | | 3.24 | 36.10 | | | -0.85 | | 2.60 | | -32.60 | |
| W-174 | | 3 226.01 | | 2.87 | | 7.17 | | 33.53 | | 25.06 | | 4.23 | | 0.66 | | 0.87 | | 0.10 | | 3.16 | 32.97 | | | -0.50 | | 12.64 | | -32.86 | |
| W-176 | | 3 226.94 | | 2.27 | | 7.41 | | 25.34 | | 18.32 | | 3.85 | | 0.70 | | 0.83 | | 0.09 | | 2.69 | 28.37 | | | -0.70 | | -1.21 | | -33.03 | |
| W-178 | | 3 228.38 | | 1.72 | | 6.99 | | 25.51 | | 19.56 | | 3.46 | | 0.75 | | 0.76 | | 0.08 | | 2.28 | 27.10 | | | -0.49 | | -5.63 | | -33.42 | |
| W-180 | | 3 230.18 | | 1.12 | | 7.18 | | 22.30 | | 16.66 | | 3.51 | | 0.56 | | 0.83 | | 0.08 | | 1.64 | 20.56 | | | -0.68 | | -13.91 | | -33.56 | |
| W-181 | | 3 230.82 | | 0.27 | | 4.61 | | 1.99 | | 2.32 | | 1.52 | | 0.71 | | 0.81 | | 0.04 | | 0.62 | 15.29 | | | -0.62 | | 1.80 | | -32.94 | |
| W-184 | | 3 233.63 | | 1.54 | | 6.97 | | 38.28 | | 29.45 | | 5.37 | | 0.46 | | 0.86 | | 0.10 | | 2.12 | 21.86 | | | -0.78 | | -9.44 | | -34.29 | |
| W-186 | | 3 235.14 | | 1.50 | | 7.17 | | 29.88 | | 22.32 | | 4.82 | | 0.59 | | 0.90 | | 0.09 | | 2.08 | 24.34 | | | -0.35 | | -5.04 | | -34.38 | |
| W-190 | | 3 237.58 | | 1.92 | | 7.11 | | 20.09 | | 15.14 | | 3.42 | | 0.68 | | 0.91 | | 0.10 | | 2.43 | 24.68 | | | -0.39 | | 3.34 | | -34.43 | |
| W-192 | | 3 238.27 | | 1.57 | | 6.92 | | 19.97 | | 15.45 | | 3.18 | | 0.61 | | 0.92 | | 0.09 | | 2.14 | 23.51 | | | -0.45 | | 3.43 | | -34.47 | |
| W-196 | | 3 240.11 | | 1.78 | | 4.67 | | 24.57 | | 28.23 | | 3.14 | | 0.72 | | 0.84 | | 0.11 | | 3.17 | 28.73 | | | -0.83 | | 1.91 | | -34.59 | |
| W-199 | | 3 241.19 | | 3.31 | | 6.78 | | 60.05 | | 47.45 | | 3.59 | | 0.70 | | 0.90 | | 0.13 | | 3.90 | 31.19 | | | -1.14 | | -1.32 | | -34.95 | |
| W-201 | | 3 242.29 | | 3.41 | | 6.47 | | 54.97 | | 45.56 | | 3.12 | | 0.70 | | 0.85 | | 0.10 | | 4.27 | 41.53 | | | -1.79 | | -8.34 | | -34.81 | |

**续附表1 W207井筇竹寺组地球化学数据**

**Continued attached table 1 Geochemical data of Qiongzhusi Formation in W207 drill core**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 编号 | 深度/m | TOC/% | 编号 | 深度/m | TOC/% | 编号 | 深度/m | TOC/% | 编号 | 深度/m | TOC/% | 编号 | 深度/m | TOC/% |
| W-1 | 3 000.41 | 0.51 | W-23 | 3 043.45 | 1.50 | W-45 | 3 080.51 | 0.38 | W-67 | 3 113.3 | 1.51 | W-89 | 3 130.5 | 3.01 |
| W-2 | 3 000.59 | 0.39 | W-24 | 3 043.95 | 1.28 | W-46 | 3 082.35 | 0.61 | W-68 | 3 114.22 | 1.87 | W-90 | 3 130.65 | 2.94 |
| W-3 | 3 002.52 | 0.63 | W-25 | 3 045.49 | 2.50 | W-47 | 3 084.41 | 0.77 | W-69 | 3 115.26 | 2.05 | W-91 | 3 131.1 | 3.67 |
| W-4 | 3 005.3 | 0.95 | W-26 | 3 046.75 | 0.64 | W-48 | 3 086.38 | 0.76 | W-70 | 3 115.74 | 1.30 | W-92 | 3 131.29 | 3.94 |
| W-5 | 3 007.35 | 0.88 | W-27 | 3 048 | 1.09 | W-49 | 3 088.35 | 0.61 | W-71 | 3 116.38 | 1.72 | W-93 | 3 132.23 | 3.40 |
| W-6 | 3 010.5 | 0.74 | W-28 | 3 050 | 0.44 | W-50 | 3 088.43 | 0.94 | W-72 | 3 117.18 | 1.80 | W-94 | 3 132.56 | 1.00 |
| W-7 | 3 010.55 | 0.65 | W-29 | 3 052.25 | 0.47 | W-51 | 3 090.85 | 0.45 | W-73 | 3 118.15 | 1.89 | W-95 | 3 132.9 | 3.47 |
| W-8 | 3 013.38 | 0.78 | W-30 | 3 054.42 | 0.44 | W-52 | 3 092.76 | 0.77 | W-74 | 3 119.02 | 2.24 | W-96 | 3 133.63 | 3.07 |
| W-9 | 3 015.03 | 0.70 | W-31 | 3 055.91 | 0.30 | W-53 | 3 094.35 | 1.42 | W-75 | 3 119.76 | 3.46 | W-97 | 3 133.84 | 3.32 |
| W-10 | 3 016.39 | 0.93 | W-32 | 3 056.54 | 0.38 | W-54 | 3 095.88 | 1.01 | W-76 | 3 120.65 | 3.06 | W-98 | 3 134.38 | 2.94 |
| W-11 | 3 018.84 | 0.80 | W-33 | 3 058.25 | 0.41 | W-55 | 3 097.39 | 1.21 | W-77 | 3 121.34 | 2.91 | W-99 | 3 135.26 | 2.32 |
| W-12 | 3 022.04 | 0.73 | W-34 | 3 060.32 | 0.50 | W-56 | 3 098.65 | 1.29 | W-78 | 3 122.42 | 2.67 | W-100 | 3 135.83 | 2.18 |
| W-13 | 3 024.69 | 1.03 | W-35 | 3 062.45 | 0.30 | W-57 | 3 100.71 | 1.26 | W-79 | 3 123.36 | 2.67 | W-101 | 3 136.58 | 1.95 |
| W-14 | 3 026.19 | 0.68 | W-36 | 3 062.67 | 0.40 | W-58 | 3 102.9 | 1.14 | W-80 | 3 124.18 | 2.22 | W-102 | 3 138.43 | 1.57 |
| W-15 | 3 027.38 | 0.76 | W-37 | 3 064.91 | 0.44 | W-59 | 3 103.15 | 0.76 | W-81 | 3 124.78 | 2.58 | W-103 | 3 138.43 | 1.20 |
| W-16 | 3 029.96 | 0.69 | W-38 | 3 067.03 | 0.43 | W-60 | 3 104.76 | 1.60 | W-82 | 3 125.23 | 2.80 | W-104 | 3 140.24 | 1.62 |
| W-17 | 3 032.69 | 1.22 | W-39 | 3 069.37 | 0.36 | W-61 | 3 107.11 | 1.46 | W-83 | 3 125.96 | 2.64 | W-105 | 3 142.28 | 1.71 |
| W-18 | 3 034.63 | 7.35 | W-40 | 3 071.69 | 0.63 | W-62 | 3 109.09 | 1.44 | W-84 | 3 126.94 | 2.77 | W-106 | 3 142.57 | 1.14 |
| W-19 | 3 035.38 | 0.81 | W-41 | 3 074.05 | 0.58 | W-63 | 3 110.08 | 1.41 | W-85 | 3 127.46 | 2.74 | W-107 | 3 143.97 | 1.61 |
| W-20 | 3 037.11 | 0.89 | W-42 | 3 076.14 | 0.29 | W-64 | 3 110.67 | 1.08 | W-86 | 3 127.95 | 2.55 | W-108 | 3 146.2 | 1.56 |
| W-21 | 3 039.34 | 1.25 | W-43 | 3 078.16 | 0.51 | W-65 | 3 111.12 | 1.45 | W-87 | 3 128.89 | 2.64 | W-109 | 3 147.51 | 1.81 |
| W-22 | 3 041.96 | 3.55 | W-44 | 3 080.12 | 0.50 | W-66 | 3 112.19 | 1.38 | W-88 | 3 129.67 | 2.97 | W-110 | 3 147.64 | 1.60 |

**续附表1 W207井筇竹寺组地球化学数据**

**Continued attached table 1 Geochemical data of Qiongzhusi Formation in W207 drill core**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 编号 | 深度/m | TOC% | 编号 | 深度/m | TOC/% | 编号 | 深度/m | TOC/% | 编号 | 深度/m | TOC/% | 编号 | 深度/m | TOC/% |
| W-111 | 3 149.41 | 1.60 | W-133 | 3 176.96 | 0.25 | W-155 | 3 204 | 0.89 | W-177 | 3 227.92 | 0.90 | W-199 | 3 241.19 | 3.31 |
| W-112 | 3 149.58 | 1.17 | W-134 | 3 177.64 | 0.18 | W-156 | 3 206 | 0.61 | W-178 | 3 228.38 | 1.72 | W-200 | 3 241.77 | 4.71 |
| W-113 | 3 151.72 | 1.34 | W-135 | 3 178.29 | 1.61 | W-157 | 3 208 | 0.67 | W-179 | 3 229.66 | 2.42 | W-201 | 3 242.29 | 3.41 |
| W-114 | 3 151.99 | 1.02 | W-136 | 3 178.76 | 1.31 | W-158 | 3 210 | 1.13 | W-180 | 3 230.18 | 1.12 | W-202 | 3 245 | 1.19 |
| W-115 | 3 153.84 | 1.23 | W-137 | 3 179.1 | 0.79 | W-159 | 3 212 | 1.06 | W-181 | 3 230.82 | 0.27 | W-203 | 3 247 | 4.08 |
| W-116 | 3 156 | 1.44 | W-138 | 3 179.19 | 1.30 | W-160 | 3 214 | 1.17 | W-182 | 3 231.26 | 1.09 |  |  |  |
| W-117 | 3 157.82 | 0.71 | W-139 | 3 180.21 | 1.23 | W-161 | 3 216 | 1.28 | W-183 | 3 233.02 | 2.33 |  |  |  |
| W-118 | 3 158.59 | 1.49 | W-140 | 3 181.4 | 0.95 | W-162 | 3 218 | 2.63 | W-184 | 3 233.63 | 1.54 |  |  |  |
| W-119 | 3 159.56 | 1.27 | W-141 | 3 182.33 | 0.61 | W-163 | 3 220 | 2.25 | W-185 | 3 234.71 | 2.31 |  |  |  |
| W-120 | 3 160.33 | 1.62 | W-142 | 3 184.08 | 1.28 | W-164 | 3 221.05 | 1.94 | W-186 | 3 235.14 | 1.50 |  |  |  |
| W-121 | 3 161.69 | 1.49 | W-143 | 3 184.63 | 1.17 | W-165 | 3 221.17 | 2.84 | W-187 | 3 236.23 | 2.65 |  |  |  |
| W-122 | 3 162.71 | 1.64 | W-144 | 3 186.42 | 0.34 | W-166 | 3 222.01 | 2.94 | W-188 | 3 236.82 | 2.36 |  |  |  |
| W-123 | 3 163.48 | 1.51 | W-145 | 3 187.41 | 1.14 | W-167 | 3 222.04 | 2.99 | W-189 | 3 237.34 | 2.93 |  |  |  |
| W-124 | 3 163.87 | 1.69 | W-146 | 3 188.45 | 1.33 | W-168 | 3 222.82 | 3.29 | W-190 | 3 237.58 | 1.92 |  |  |  |
| W-125 | 3 164.55 | 1.77 | W-147 | 3 189.12 | 0.74 | W-169 | 3 223.2 | 3.25 | W-191 | 3 238.07 | 2.23 |  |  |  |
| W-126 | 3 164.99 | 1.46 | W-148 | 3 190 | 1.24 | W-170 | 3 223.7 | 3.20 | W-192 | 3 238.27 | 1.57 |  |  |  |
| W-127 | 3 166.59 | 0.20 | W-149 | 3 192 | 0.76 | W-171 | 32 24.08 | 3.16 | W-193 | 3 238.66 | 2.67 |  |  |  |
| W-128 | 3 168.8 | 0.36 | W-150 | 3 194 | 0.85 | W-172 | 3 224.51 | 2.41 | W-194 | 3 238.96 | 2.56 |  |  |  |
| W-129 | 3 170.23 | 0.41 | W-151 | 3 196 | 0.66 | W-173 | 3 224.64 | 3.00 | W-195 | 3 239.83 | 2.59 |  |  |  |
| W-130 | 3 171.64 | 0.22 | W-152 | 3 198 | 0.81 | W-174 | 3 226.01 | 2.87 | W-196 | 3 240.11 | 1.78 |  |  |  |
| W-131 | 3 174.27 | 0.93 | W-153 | 3 200 | 0.65 | W-175 | 3 226.09 | 2.98 | W-197 | 3 240.52 | 3.05 |  |  |  |
| W-132 | 3 176.26 | 1.20 | W-154 | 3 202 | 0.69 | W-176 | 3 226.94 | 2.27 | W-198 | 3 241.02 | 3.22 |  |  |  |