|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号 | 测深m | 段长m | 井斜角° | 方位角° | 垂深m | 投影位移m | 南北m | 东西m | 闭合距m | 闭合方位° | 全角变化率°/100m |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | 0 | 0 | 0 | 71.65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 71.77 | 71.77 | 0.44 | 71.65 | 71.77 | -0.07 | 0.09 | 0.26 | 0.28 | 71.65 | 0.61 |
| 3 | 99.59 | 27.82 | 0.62 | 97.25 | 99.59 | -0.19 | 0.11 | 0.52 | 0.53 | 77.8 | 1.05 |
| 4 | 127.47 | 27.88 | 1.01 | 316.15 | 127.47 | -0.04 | 0.38 | 0.65 | 0.76 | 59.59 | 5.53 |
| 5 | 155.37 | 27.9 | 2.64 | 312.15 | 155.35 | 0.83 | 1 | 0.01 | 1 | 0.84 | 5.86 |
| 6 | 183.21 | 27.84 | 4.48 | 303.55 | 183.14 | 2.46 | 2.06 | -1.35 | 2.46 | 326.8 | 6.86 |
| 7 | 211.1 | 27.89 | 7.38 | 320.55 | 210.87 | 5.24 | 3.98 | -3.48 | 5.29 | 318.86 | 12.05 |
| 8 | 238.91 | 27.81 | 10.28 | 329.55 | 238.35 | 9.5 | 7.48 | -5.92 | 9.54 | 321.62 | 11.53 |
| 9 | 266.8 | 27.89 | 13.8 | 330.25 | 265.62 | 15.31 | 12.51 | -8.84 | 15.32 | 324.75 | 12.63 |
| 10 | 295.79 | 28.99 | 17 | 328.75 | 293.57 | 23 | 19.14 | -12.75 | 23 | 326.34 | 11.12 |
| 11 | 324.75 | 28.96 | 20.3 | 329.15 | 321 | 32.25 | 27.08 | -17.52 | 32.25 | 327.09 | 11.4 |
| 12 | 353.76 | 29.01 | 23.7 | 332.95 | 347.9 | 43.09 | 36.58 | -22.78 | 43.1 | 328.09 | 12.71 |
| 13 | 382.76 | 29 | 27.1 | 334.45 | 374.09 | 55.43 | 47.73 | -28.29 | 55.49 | 329.34 | 11.93 |
| 14 | 408.3 | 25.54 | 29 | 334.05 | 396.63 | 67.34 | 58.55 | -33.51 | 67.46 | 330.22 | 7.48 |
| 15 | 440.4 | 32.1 | 28.96 | 334.65 | 424.71 | 82.76 | 72.57 | -40.24 | 82.98 | 330.99 | 0.91 |
| 16 | 469.4 | 29 | 28.26 | 334.75 | 450.17 | 96.52 | 85.12 | -46.18 | 96.84 | 331.52 | 2.42 |
| 17 | 498.5 | 29.1 | 27.6 | 335.35 | 475.88 | 110.01 | 97.48 | -51.93 | 110.45 | 331.96 | 2.47 |
| 18 | 527.56 | 29.06 | 28.52 | 334.15 | 501.52 | 123.55 | 109.84 | -57.76 | 124.1 | 332.26 | 3.71 |
| 19 | 556.5 | 28.94 | 28.17 | 333.85 | 526.99 | 137.18 | 122.19 | -63.78 | 137.84 | 332.44 | 1.31 |
| 20 | 585.58 | 29.08 | 28.08 | 326.45 | 552.64 | 150.85 | 134.08 | -70.6 | 151.53 | 332.23 | 12.49 |
| 21 | 614.5 | 28.92 | 29.79 | 325.55 | 577.95 | 164.84 | 145.67 | -78.42 | 165.44 | 331.7 | 6.1 |
| 22 | 643.57 | 29.07 | 29.31 | 325.65 | 603.24 | 179.18 | 157.5 | -86.52 | 179.7 | 331.22 | 1.66 |
| 23 | 672.6 | 29.03 | 28.92 | 325.75 | 628.6 | 193.3 | 169.17 | -94.48 | 193.77 | 330.82 | 1.35 |
| 24 | 701.6 | 29 | 28.52 | 326.15 | 654.03 | 207.23 | 180.72 | -102.28 | 207.66 | 330.49 | 1.53 |
| 25 | 730.65 | 29.05 | 28.39 | 325.15 | 679.57 | 221.07 | 192.15 | -110.09 | 221.45 | 330.19 | 1.7 |
| 26 | 759.66 | 29.01 | 28.3 | 325.25 | 705.1 | 234.84 | 203.46 | -117.95 | 235.18 | 329.9 | 0.35 |
| 27 | 788.67 | 29.01 | 27.95 | 324.85 | 730.69 | 248.51 | 214.67 | -125.79 | 248.81 | 329.63 | 1.37 |
| 28 | 817.66 | 28.99 | 27.55 | 323.55 | 756.34 | 261.99 | 225.61 | -133.68 | 262.25 | 329.35 | 2.5 |
| 29 | 846.7 | 29.04 | 28.7 | 325.25 | 781.95 | 275.67 | 236.74 | -141.65 | 275.89 | 329.11 | 4.83 |
| 30 | 875.74 | 29.04 | 28.7 | 324.55 | 807.43 | 289.61 | 248.15 | -149.67 | 289.8 | 328.9 | 1.16 |
| 31 | 904.78 | 29.04 | 28.56 | 324.85 | 832.92 | 303.51 | 259.51 | -157.71 | 303.67 | 328.71 | 0.69 |
| 32 | 933.75 | 28.97 | 28.48 | 324.35 | 858.37 | 317.33 | 270.78 | -165.73 | 317.47 | 328.53 | 0.87 |
| 33 | 962.79 | 29.04 | 28.13 | 324.05 | 883.94 | 331.09 | 281.95 | -173.78 | 331.2 | 328.35 | 1.3 |
| 34 | 991.7 | 28.91 | 28.04 | 324.05 | 909.44 | 344.68 | 292.97 | -181.77 | 344.78 | 328.18 | 0.31 |
| 35 | 1020.71 | 29.01 | 27.51 | 323.45 | 935.11 | 358.18 | 303.87 | -189.76 | 358.26 | 328.02 | 2.07 |
| 36 | 1049.73 | 29.02 | 28.39 | 324.25 | 960.75 | 371.76 | 314.85 | -197.79 | 371.82 | 327.86 | 3.3 |
| 37 | 1078.75 | 29.02 | 28.21 | 324.65 | 986.3 | 385.51 | 326.05 | -205.79 | 385.56 | 327.74 | 0.9 |
| 38 | 1107.78 | 29.03 | 28.3 | 323.65 | 1011.87 | 399.24 | 337.19 | -213.83 | 399.28 | 327.62 | 1.66 |
| 39 | 1136.81 | 29.03 | 27.95 | 323.55 | 1037.47 | 412.9 | 348.2 | -221.96 | 412.93 | 327.49 | 1.22 |
| 40 | 1165.83 | 29.02 | 28.43 | 324.95 | 1063.05 | 426.59 | 359.33 | -229.96 | 426.61 | 327.38 | 2.82 |
| 41 | 1194.79 | 28.96 | 27.86 | 324.85 | 1088.58 | 440.25 | 370.5 | -237.82 | 440.26 | 327.3 | 1.97 |
| 42 | 1223.8 | 29.01 | 29.18 | 324.65 | 1114.07 | 454.09 | 381.82 | -245.81 | 454.1 | 327.23 | 4.56 |
| 43 | 1252.83 | 29.03 | 28.92 | 325.05 | 1139.45 | 468.18 | 393.34 | -253.93 | 468.18 | 327.15 | 1.12 |
| 44 | 1281.88 | 29.05 | 28.7 | 325.05 | 1164.91 | 482.17 | 404.82 | -261.95 | 482.17 | 327.09 | 0.76 |
| 45 | 1310.91 | 29.03 | 28.39 | 324.75 | 1190.41 | 496.03 | 416.16 | -269.93 | 496.04 | 327.03 | 1.18 |
| 46 | 1339.9 | 28.99 | 27.95 | 324.25 | 1215.96 | 509.71 | 427.31 | -277.87 | 509.71 | 326.96 | 1.72 |
| 47 | 1368.91 | 29.01 | 29.3 | 324.85 | 1241.43 | 523.59 | 438.63 | -285.93 | 523.6 | 326.9 | 4.76 |
| 48 | 1397.9 | 28.99 | 29.58 | 325.35 | 1266.67 | 537.84 | 450.31 | -294.09 | 537.84 | 326.85 | 1.29 |
| 49 | 1426.94 | 29.04 | 29.93 | 325.05 | 1291.88 | 552.24 | 462.15 | -302.31 | 552.24 | 326.81 | 1.31 |
| 50 | 1455.95 | 29.01 | 30.19 | 324.25 | 1316.99 | 566.76 | 474 | -310.72 | 566.76 | 326.75 | 1.65 |
| 51 | 1484.94 | 28.99 | 29.93 | 324.15 | 1342.08 | 581.27 | 485.78 | -319.21 | 581.27 | 326.69 | 0.91 |
| 52 | 1513.95 | 29.01 | 29.84 | 324.95 | 1367.24 | 595.71 | 497.55 | -327.6 | 595.72 | 326.64 | 1.41 |
| 53 | 1542.98 | 29.03 | 30.54 | 324.15 | 1392.33 | 610.3 | 509.45 | -336.06 | 610.31 | 326.59 | 2.78 |
| 54 | 1572.01 | 29.03 | 30.59 | 324.55 | 1417.32 | 625.05 | 521.44 | -344.67 | 625.06 | 326.54 | 0.72 |
| 55 | 1601.03 | 29.02 | 30.19 | 324.95 | 1442.36 | 639.72 | 533.43 | -353.14 | 639.73 | 326.49 | 1.54 |
| 56 | 1630.04 | 29.01 | 29.97 | 324.95 | 1467.46 | 654.25 | 545.33 | -361.49 | 654.27 | 326.46 | 0.76 |
| 57 | 1659.01 | 28.97 | 30.06 | 324.55 | 1492.55 | 668.73 | 557.17 | -369.85 | 668.75 | 326.42 | 0.76 |
| 58 | 1688.03 | 29.02 | 29.75 | 324.25 | 1517.7 | 683.19 | 568.93 | -378.28 | 683.21 | 326.38 | 1.19 |
| 59 | 1703 | 14.97 | 29.75 | 324.25 | 1530.7 | 690.61 | 574.96 | -382.62 | 690.63 | 326.36 | 0 |