|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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  (°/100m) |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 0.00 | 0.00 | 0.00 | 329.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 70.87 | 70.87 | 1.49 | 329.43 | 70.86 | -0.77 | 0.79 | -0.47 | 0.92 | 329.43 | 2.10 |
| 3 | 98.64 | 27.77 | 1.05 | 341.03 | 98.63 | -1.24 | 1.35 | -0.73 | 1.53 | 331.75 | 1.83 |
| 4 | 126.19 | 27.55 | 0.79 | 8.73 | 126.17 | -1.47 | 1.79 | -0.77 | 1.94 | 336.83 | 1.84 |
| 5 | 144.58 | 18.39 | 0.53 | 86.63 | 144.56 | -1.40 | 1.92 | -0.62 | 2.02 | 342.09 | 4.64 |
| 6 | 153.76 | 9.18 | 0.26 | 125.93 | 153.74 | -1.34 | 1.90 | -0.56 | 1.98 | 343.57 | 4.01 |
| 7 | 181.31 | 27.55 | 0.79 | 78.13 | 181.29 | -1.10 | 1.85 | -0.32 | 1.88 | 350.16 | 2.34 |
| 8 | 208.79 | 27.48 | 1.49 | 91.13 | 208.76 | -0.63 | 1.90 | 0.22 | 1.91 | 6.66 | 2.70 |
| 9 | 218.09 | 9.30 | 2.47 | 97.53 | 218.06 | -0.33 | 1.88 | 0.54 | 1.95 | 16.11 | 10.79 |
| 10 | 227.35 | 9.26 | 3.36 | 102.43 | 227.31 | 0.12 | 1.80 | 1.01 | 2.06 | 29.25 | 9.97 |
| 11 | 236.59 | 9.24 | 4.44 | 104.53 | 236.52 | 0.73 | 1.65 | 1.62 | 2.31 | 44.43 | 11.79 |
| 12 | 245.85 | 9.26 | 5.30 | 107.23 | 245.75 | 1.51 | 1.43 | 2.37 | 2.77 | 58.85 | 9.61 |
| 13 | 255.08 | 9.23 | 6.20 | 110.23 | 254.93 | 2.42 | 1.14 | 3.25 | 3.44 | 70.70 | 10.28 |
| 14 | 264.35 | 9.27 | 6.72 | 108.73 | 264.15 | 3.46 | 0.79 | 4.23 | 4.31 | 79.43 | 5.90 |
| 15 | 273.85 | 9.50 | 7.80 | 113.53 | 273.57 | 4.65 | 0.36 | 5.35 | 5.36 | 86.18 | 13.04 |
| 16 | 283.38 | 9.53 | 8.68 | 111.53 | 283.00 | 6.02 | -0.17 | 6.61 | 6.62 | 91.44 | 9.71 |
| 17 | 292.82 | 9.44 | 9.45 | 110.33 | 292.32 | 7.50 | -0.70 | 8.00 | 8.03 | 94.98 | 8.40 |
| 18 | 302.28 | 9.46 | 10.50 | 112.23 | 301.64 | 9.13 | -1.29 | 9.53 | 9.62 | 97.72 | 11.64 |
| 19 | 311.71 | 9.43 | 11.10 | 115.03 | 310.90 | 10.90 | -2.00 | 11.15 | 11.33 | 100.17 | 8.47 |
| 20 | 321.21 | 9.50 | 11.25 | 114.83 | 320.22 | 12.74 | -2.78 | 12.82 | 13.11 | 102.22 | 1.63 |
| 21 | 330.68 | 9.47 | 12.25 | 117.03 | 329.49 | 14.67 | -3.62 | 14.55 | 14.99 | 103.97 | 11.58 |
| 22 | 340.17 | 9.49 | 13.08 | 117.93 | 338.75 | 16.75 | -4.58 | 16.40 | 17.02 | 105.60 | 8.99 |
| 23 | 349.66 | 9.49 | 13.84 | 117.43 | 347.98 | 18.96 | -5.61 | 18.35 | 19.19 | 106.98 | 8.10 |
| 24 | 359.09 | 9.43 | 14.76 | 118.23 | 357.12 | 21.28 | -6.69 | 20.41 | 21.48 | 108.15 | 9.98 |
| 25 | 368.55 | 9.46 | 15.88 | 118.43 | 366.24 | 23.78 | -7.88 | 22.61 | 23.95 | 109.21 | 11.85 |
| 26 | 377.99 | 9.44 | 16.83 | 118.73 | 375.30 | 26.44 | -9.15 | 24.95 | 26.57 | 110.14 | 10.10 |
| 27 | 387.48 | 9.49 | 17.15 | 117.13 | 384.38 | 29.21 | -10.45 | 27.40 | 29.32 | 110.88 | 5.97 |
| 28 | 397.02 | 9.54 | 17.55 | 116.23 | 393.48 | 32.05 | -11.73 | 29.94 | 32.15 | 111.39 | 5.05 |
| 29 | 406.53 | 9.51 | 17.89 | 114.93 | 402.54 | 34.95 | -12.98 | 32.55 | 35.04 | 111.74 | 5.49 |
| 30 | 416.03 | 9.50 | 18.90 | 115.73 | 411.56 | 37.94 | -14.26 | 35.26 | 38.03 | 112.02 | 10.96 |
| 31 | 425.45 | 9.42 | 19.57 | 115.43 | 420.45 | 41.05 | -15.60 | 38.06 | 41.13 | 112.29 | 7.19 |
| 32 | 434.93 | 9.48 | 20.48 | 115.13 | 429.36 | 44.29 | -16.99 | 40.99 | 44.37 | 112.51 | 9.66 |
| 33 | 444.48 | 9.55 | 21.29 | 115.43 | 438.28 | 47.70 | -18.44 | 44.07 | 47.77 | 112.70 | 8.56 |
| 34 | 453.90 | 9.42 | 22.18 | 115.63 | 447.03 | 51.19 | -19.94 | 47.22 | 51.26 | 112.90 | 9.48 |
| 35 | 463.44 | 9.54 | 23.07 | 116.43 | 455.84 | 54.86 | -21.55 | 50.52 | 54.92 | 113.11 | 9.87 |
| 36 | 473.00 | 9.56 | 24.18 | 117.43 | 464.59 | 58.69 | -23.29 | 53.93 | 58.75 | 113.35 | 12.34 |
| 37 | 482.55 | 9.55 | 25.17 | 117.13 | 473.27 | 62.67 | -25.12 | 57.48 | 62.72 | 113.60 | 10.45 |
| 38 | 492.04 | 9.49 | 26.15 | 116.83 | 481.83 | 66.78 | -26.98 | 61.14 | 66.83 | 113.81 | 10.42 |
| 39 | 519.84 | 27.80 | 26.43 | 115.73 | 506.75 | 79.09 | -32.43 | 72.18 | 79.13 | 114.20 | 2.02 |
| 40 | 548.20 | 28.36 | 26.46 | 114.63 | 532.14 | 91.72 | -37.80 | 83.61 | 91.76 | 114.33 | 1.73 |
| 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  (°/100m) |
| 41 | 576.73 | 28.53 | 26.24 | 114.53 | 557.71 | 104.38 | -43.07 | 95.12 | 104.42 | 114.36 | 0.79 |
| 42 | 605.15 | 28.42 | 26.20 | 114.93 | 583.20 | 116.93 | -48.33 | 106.53 | 116.98 | 114.40 | 0.64 |
| 43 | 633.67 | 28.52 | 26.20 | 116.73 | 608.79 | 129.53 | -53.81 | 117.86 | 129.57 | 114.54 | 2.79 |
| 44 | 662.05 | 28.38 | 26.67 | 114.63 | 634.21 | 142.16 | -59.29 | 129.25 | 142.20 | 114.64 | 3.69 |
| 45 | 690.41 | 28.36 | 26.37 | 114.23 | 659.58 | 154.82 | -64.52 | 140.78 | 154.86 | 114.62 | 1.23 |
| 46 | 718.83 | 28.42 | 26.89 | 114.63 | 684.99 | 167.55 | -69.79 | 152.38 | 167.60 | 114.61 | 1.94 |
| 47 | 747.34 | 28.51 | 26.24 | 117.73 | 710.49 | 180.30 | -75.42 | 163.82 | 180.34 | 114.72 | 5.37 |
| 48 | 775.91 | 28.57 | 26.19 | 117.23 | 736.12 | 192.92 | -81.24 | 175.01 | 192.95 | 114.90 | 0.79 |
| 49 | 804.37 | 28.46 | 26.54 | 114.93 | 761.62 | 205.55 | -86.80 | 186.36 | 205.58 | 114.97 | 3.79 |
| 50 | 832.90 | 28.53 | 26.94 | 114.93 | 787.10 | 218.39 | -92.21 | 198.00 | 218.42 | 114.97 | 1.40 |
| 51 | 861.38 | 28.48 | 26.59 | 115.23 | 812.53 | 231.21 | -97.64 | 209.62 | 231.25 | 114.98 | 1.32 |
| 52 | 889.85 | 28.47 | 28.21 | 117.33 | 837.80 | 244.31 | -103.44 | 221.37 | 244.34 | 115.05 | 6.63 |
| 53 | 918.28 | 28.43 | 28.70 | 116.83 | 862.80 | 257.86 | -109.61 | 233.43 | 257.88 | 115.15 | 1.92 |
| 54 | 946.80 | 28.52 | 28.83 | 118.53 | 887.80 | 271.57 | -115.99 | 245.58 | 271.59 | 115.28 | 2.90 |
| 55 | 975.09 | 28.29 | 29.14 | 116.43 | 912.54 | 285.28 | -122.31 | 257.74 | 285.29 | 115.39 | 3.76 |
| 56 | 1003.57 | 28.48 | 29.31 | 116.93 | 937.40 | 299.18 | -128.55 | 270.17 | 299.19 | 115.45 | 1.04 |
| 57 | 1032.24 | 28.67 | 29.09 | 118.63 | 962.43 | 313.16 | -135.07 | 282.54 | 313.17 | 115.55 | 2.99 |
| 58 | 1060.72 | 28.48 | 28.61 | 116.63 | 987.37 | 326.90 | -141.45 | 294.72 | 326.90 | 115.64 | 3.78 |
| 59 | 1089.32 | 28.60 | 28.70 | 117.33 | 1012.47 | 340.61 | -147.67 | 306.94 | 340.61 | 115.69 | 1.22 |
| 60 | 1117.79 | 28.47 | 28.56 | 119.03 | 1037.46 | 354.24 | -154.11 | 318.96 | 354.24 | 115.79 | 2.90 |
| 61 | 1146.32 | 28.53 | 28.52 | 119.43 | 1062.52 | 367.85 | -160.77 | 330.86 | 367.85 | 115.92 | 0.68 |
| 62 | 1174.92 | 28.60 | 29.27 | 117.03 | 1087.56 | 381.66 | -167.30 | 343.03 | 381.66 | 116.00 | 4.83 |
| 63 | 1203.30 | 28.38 | 29.40 | 118.13 | 1112.30 | 395.55 | -173.74 | 355.36 | 395.55 | 116.05 | 1.95 |
| 64 | 1231.81 | 28.51 | 29.22 | 115.73 | 1137.16 | 409.51 | -180.06 | 367.80 | 409.51 | 116.08 | 4.17 |
| 65 | 1260.35 | 28.54 | 28.65 | 117.53 | 1162.14 | 423.31 | -186.25 | 380.14 | 423.32 | 116.10 | 3.65 |
| 66 | 1288.82 | 28.47 | 28.52 | 118.03 | 1187.14 | 436.93 | -192.60 | 392.19 | 436.93 | 116.15 | 0.96 |
| 67 | 1317.24 | 28.42 | 28.56 | 116.83 | 1212.10 | 450.50 | -198.85 | 404.24 | 450.51 | 116.19 | 2.02 |
| 68 | 1345.60 | 28.36 | 28.87 | 114.23 | 1236.98 | 464.13 | -204.72 | 416.54 | 464.13 | 116.17 | 4.54 |
| 69 | 1374.14 | 28.54 | 28.34 | 113.43 | 1262.03 | 477.78 | -210.24 | 429.04 | 477.78 | 116.11 | 2.29 |
| 70 | 1402.55 | 28.41 | 28.39 | 112.73 | 1287.03 | 491.26 | -215.54 | 441.45 | 491.26 | 116.02 | 1.18 |
| 71 | 1431.20 | 28.65 | 28.78 | 112.43 | 1312.19 | 504.95 | -220.80 | 454.11 | 504.95 | 115.93 | 1.45 |
| 72 | 1459.77 | 28.57 | 28.43 | 114.23 | 1337.27 | 518.61 | -226.22 | 466.67 | 518.61 | 115.86 | 3.26 |
| 73 | 1488.21 | 28.44 | 28.17 | 112.33 | 1362.31 | 532.08 | -231.54 | 479.06 | 532.08 | 115.80 | 3.30 |
| 74 | 1516.87 | 28.66 | 28.34 | 113.33 | 1387.56 | 545.62 | -236.81 | 491.56 | 545.63 | 115.72 | 1.76 |
| 75 | 1545.35 | 28.48 | 28.39 | 115.73 | 1412.62 | 559.15 | -242.43 | 503.87 | 559.15 | 115.69 | 4.01 |
| 76 | 1548.06 | 2.71 | 28.38 | 115.66 | 1415.00 | 560.44 | -242.98 | 505.03 | 560.44 | 115.69 | 1.28 |
| 77 | 1573.78 | 25.72 | 28.26 | 115.03 | 1437.64 | 572.64 | -248.21 | 516.06 | 572.64 | 115.69 | 1.25 |
| 78 | 1602.36 | 28.58 | 28.39 | 115.63 | 1462.80 | 586.20 | -254.01 | 528.31 | 586.20 | 115.68 | 1.10 |
| 79 | 1622.00 | 19.64 | 28.40 | 115.70 | 1480.08 | 595.54 | -258.05 | 536.73 | 595.54 | 115.68 | 0.18 |
| 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  °/100m |
| \*1 | 第1靶点垂深： 1415.00 (m) 靶心距：6.44(m) | | | | | | | | | | |
|  | 1548.06 |  | 28.38 | 115.66 | 1415.00 | 560.44 | -242.98 | 505.03 | 560.44 | 115.69 | 1.28 |