|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 319.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 79.45 | 79.45 | 1.58 | 319.33 | 79.44 | -1.07 | 0.83 | -0.71 | 1.10 | 319.33 | 1.99 |
| 3 | 97.79 | 18.34 | 1.89 | 327.63 | 97.77 | -1.62 | 1.28 | -1.04 | 1.65 | 320.72 | 2.17 |
| 4 | 125.53 | 27.74 | 0.62 | 308.73 | 125.50 | -2.21 | 1.73 | -1.45 | 2.25 | 320.04 | 4.75 |
| 5 | 153.28 | 27.75 | 1.80 | 144.73 | 153.25 | -2.12 | 1.45 | -1.74 | 2.27 | 309.75 | 8.66 |
| 6 | 180.76 | 27.48 | 3.78 | 149.33 | 180.69 | -0.78 | 0.33 | -1.01 | 1.07 | 287.89 | 7.25 |
| 7 | 208.56 | 27.80 | 4.31 | 150.33 | 208.42 | 1.18 | -1.37 | -0.03 | 1.37 | 181.23 | 1.92 |
| 8 | 236.32 | 27.76 | 4.48 | 152.03 | 236.10 | 3.31 | -3.23 | 1.00 | 3.38 | 162.87 | 0.77 |
| 9 | 264.91 | 28.59 | 4.83 | 154.63 | 264.60 | 5.62 | -5.30 | 2.04 | 5.68 | 158.99 | 1.43 |
| 10 | 293.18 | 28.27 | 3.52 | 153.53 | 292.79 | 7.68 | -7.16 | 2.94 | 7.73 | 157.68 | 4.64 |
| 11 | 321.50 | 28.32 | 3.74 | 154.03 | 321.06 | 9.47 | -8.76 | 3.73 | 9.52 | 156.95 | 0.78 |
| 12 | 349.99 | 28.49 | 3.82 | 153.93 | 349.48 | 11.34 | -10.45 | 4.55 | 11.40 | 156.46 | 0.28 |
| 13 | 378.50 | 28.51 | 3.87 | 152.83 | 377.93 | 13.25 | -12.16 | 5.41 | 13.31 | 156.02 | 0.31 |
| 14 | 406.96 | 28.46 | 4.53 | 152.73 | 406.31 | 15.34 | -14.01 | 6.36 | 15.39 | 155.58 | 2.32 |
| 15 | 423.25 | 16.29 | 4.53 | 152.73 | 422.55 | 16.62 | -15.16 | 6.95 | 16.68 | 155.36 | 0.00 |
| 16 | 435.70 | 12.45 | 4.57 | 153.43 | 434.96 | 17.61 | -16.04 | 7.40 | 17.66 | 155.23 | 0.55 |
| 17 | 464.09 | 28.39 | 2.93 | 153.43 | 463.29 | 19.46 | -17.70 | 8.23 | 19.52 | 155.06 | 5.78 |
| 18 | 492.64 | 28.55 | 2.68 | 153.63 | 491.81 | 20.86 | -18.95 | 8.85 | 20.92 | 154.96 | 0.88 |
| 19 | 521.09 | 28.45 | 2.64 | 151.13 | 520.23 | 22.18 | -20.12 | 9.47 | 22.24 | 154.81 | 0.43 |
| 20 | 549.61 | 28.52 | 2.86 | 151.43 | 548.71 | 23.55 | -21.32 | 10.12 | 23.60 | 154.60 | 0.77 |
| 21 | 578.14 | 28.53 | 3.12 | 151.83 | 577.20 | 25.04 | -22.63 | 10.83 | 25.09 | 154.43 | 0.91 |
| 22 | 606.53 | 28.39 | 3.38 | 155.63 | 605.55 | 26.64 | -24.07 | 11.54 | 26.70 | 154.38 | 1.19 |
| 23 | 616.02 | 9.49 | 3.65 | 152.23 | 615.02 | 27.22 | -24.60 | 11.80 | 27.28 | 154.37 | 3.59 |
| 24 | 625.51 | 9.49 | 4.22 | 146.33 | 624.49 | 27.87 | -25.15 | 12.13 | 27.93 | 154.26 | 7.36 |
| 25 | 635.02 | 9.51 | 5.01 | 143.83 | 633.97 | 28.64 | -25.78 | 12.57 | 28.68 | 154.01 | 8.57 |
| 26 | 644.55 | 9.53 | 5.67 | 144.73 | 643.46 | 29.52 | -26.50 | 13.09 | 29.56 | 153.72 | 6.98 |
| 27 | 654.08 | 9.53 | 6.59 | 143.53 | 652.93 | 30.53 | -27.33 | 13.68 | 30.56 | 153.40 | 9.75 |
| 28 | 663.58 | 9.50 | 7.25 | 142.93 | 662.36 | 31.66 | -28.24 | 14.37 | 31.69 | 153.04 | 6.99 |
| 29 | 673.10 | 9.52 | 8.04 | 142.33 | 671.80 | 32.92 | -29.25 | 15.14 | 32.93 | 152.64 | 8.34 |
| 30 | 682.54 | 9.44 | 8.96 | 140.93 | 681.13 | 34.29 | -30.34 | 16.00 | 34.30 | 152.19 | 9.99 |
| 31 | 692.06 | 9.52 | 9.84 | 139.53 | 690.53 | 35.82 | -31.54 | 17.00 | 35.83 | 151.68 | 9.55 |
| 32 | 701.54 | 9.48 | 10.81 | 138.93 | 699.85 | 37.49 | -32.83 | 18.11 | 37.49 | 151.12 | 10.30 |
| 33 | 711.07 | 9.53 | 11.87 | 139.13 | 709.20 | 39.32 | -34.24 | 19.34 | 39.32 | 150.55 | 11.13 |
| 34 | 720.59 | 9.52 | 12.52 | 141.13 | 718.50 | 41.30 | -35.78 | 20.62 | 41.30 | 150.04 | 8.16 |
| 35 | 730.02 | 9.43 | 13.71 | 141.43 | 727.69 | 43.41 | -37.45 | 21.96 | 43.42 | 149.61 | 12.64 |
| 36 | 739.55 | 9.53 | 14.46 | 142.03 | 736.93 | 45.70 | -39.27 | 23.40 | 45.72 | 149.21 | 8.02 |
| 37 | 748.99 | 9.44 | 15.03 | 142.33 | 746.06 | 48.08 | -41.17 | 24.87 | 48.10 | 148.86 | 6.09 |
| 38 | 758.49 | 9.50 | 16.39 | 141.63 | 755.20 | 50.62 | -43.20 | 26.46 | 50.66 | 148.51 | 14.45 |
| 39 | 768.02 | 9.53 | 17.58 | 141.03 | 764.32 | 53.36 | -45.37 | 28.20 | 53.42 | 148.14 | 12.62 |
| 40 | 777.54 | 9.52 | 18.46 | 140.83 | 773.37 | 56.27 | -47.66 | 30.05 | 56.34 | 147.77 | 9.27 |
| 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 | 787.03 | 9.49 | 19.56 | 142.63 | 782.34 | 59.32 | -50.09 | 31.97 | 59.42 | 147.45 | 13.13 |
| 42 | 796.45 | 9.42 | 20.57 | 144.03 | 791.19 | 62.52 | -52.68 | 33.90 | 62.64 | 147.24 | 11.87 |
| 43 | 805.87 | 9.42 | 21.84 | 144.03 | 799.97 | 65.91 | -55.43 | 35.90 | 66.04 | 147.07 | 13.48 |
| 44 | 815.54 | 9.67 | 23.20 | 143.33 | 808.90 | 69.58 | -58.42 | 38.09 | 69.74 | 146.89 | 14.33 |
| 45 | 824.97 | 9.43 | 24.21 | 142.33 | 817.54 | 73.34 | -61.44 | 40.38 | 73.52 | 146.68 | 11.53 |
| 46 | 834.39 | 9.42 | 25.27 | 142.43 | 826.09 | 77.24 | -64.56 | 42.79 | 77.45 | 146.47 | 11.26 |
| 47 | 843.81 | 9.42 | 26.28 | 143.13 | 834.58 | 81.30 | -67.82 | 45.27 | 81.54 | 146.28 | 11.20 |
| 48 | 853.26 | 9.45 | 27.29 | 143.83 | 843.01 | 85.52 | -71.25 | 47.80 | 85.80 | 146.14 | 11.20 |
| 49 | 862.78 | 9.52 | 28.65 | 144.23 | 851.42 | 89.96 | -74.86 | 50.42 | 90.26 | 146.04 | 14.42 |
| 50 | 872.30 | 9.52 | 29.79 | 144.03 | 859.73 | 94.57 | -78.63 | 53.15 | 94.90 | 145.94 | 12.02 |
| 51 | 881.74 | 9.44 | 31.02 | 143.93 | 867.87 | 99.32 | -82.49 | 55.96 | 99.68 | 145.85 | 13.04 |
| 52 | 891.40 | 9.66 | 32.06 | 144.53 | 876.10 | 104.34 | -86.59 | 58.91 | 104.73 | 145.77 | 11.25 |
| 53 | 900.93 | 9.53 | 33.27 | 144.83 | 884.13 | 109.45 | -90.79 | 61.88 | 109.87 | 145.72 | 12.81 |
| 54 | 910.41 | 9.48 | 34.54 | 144.73 | 891.99 | 114.71 | -95.11 | 64.93 | 115.16 | 145.68 | 13.41 |
| 55 | 919.85 | 9.44 | 35.73 | 144.53 | 899.71 | 120.11 | -99.54 | 68.08 | 120.59 | 145.63 | 12.66 |
| 56 | 929.38 | 9.53 | 37.01 | 144.73 | 907.39 | 125.73 | -104.14 | 71.35 | 126.24 | 145.59 | 13.49 |
| 57 | 938.89 | 9.51 | 38.26 | 145.33 | 914.92 | 131.51 | -108.90 | 74.68 | 132.05 | 145.56 | 13.70 |
| 58 | 948.42 | 9.53 | 39.11 | 145.13 | 922.36 | 137.44 | -113.80 | 78.07 | 138.00 | 145.55 | 9.02 |
| 59 | 957.95 | 9.53 | 40.08 | 144.13 | 929.70 | 143.48 | -118.75 | 81.59 | 144.08 | 145.51 | 12.18 |
| 60 | 967.49 | 9.54 | 40.91 | 144.43 | 936.96 | 149.63 | -123.78 | 85.21 | 150.27 | 145.46 | 8.94 |
| 61 | 976.97 | 9.48 | 42.09 | 144.23 | 944.06 | 155.88 | -128.88 | 88.87 | 156.55 | 145.41 | 12.53 |
| 62 | 986.43 | 9.46 | 43.46 | 144.03 | 951.00 | 162.26 | -134.09 | 92.63 | 162.97 | 145.36 | 14.55 |
| 63 | 995.96 | 9.53 | 44.76 | 144.03 | 957.84 | 168.85 | -139.46 | 96.53 | 169.61 | 145.31 | 13.64 |
| 64 | 1005.43 | 9.47 | 46.06 | 144.03 | 964.49 | 175.54 | -144.91 | 100.49 | 176.35 | 145.26 | 13.73 |
| 65 | 1014.99 | 9.56 | 46.46 | 144.03 | 971.10 | 182.40 | -150.50 | 104.55 | 183.25 | 145.21 | 4.18 |
| 66 | 1034.03 | 19.04 | 46.80 | 143.43 | 984.17 | 196.14 | -161.66 | 112.74 | 197.09 | 145.11 | 2.90 |
| 67 | 1062.54 | 28.51 | 47.99 | 143.93 | 1003.47 | 216.97 | -178.57 | 125.16 | 218.07 | 144.97 | 4.37 |
| 68 | 1091.02 | 28.48 | 48.56 | 145.43 | 1022.43 | 238.10 | -195.91 | 137.45 | 239.32 | 144.95 | 4.41 |
| 69 | 1119.51 | 28.49 | 48.56 | 146.23 | 1041.28 | 259.38 | -213.58 | 149.45 | 260.68 | 145.02 | 2.11 |
| 70 | 1147.99 | 28.48 | 48.21 | 148.33 | 1060.20 | 280.64 | -231.50 | 160.96 | 281.95 | 145.19 | 5.65 |
| 71 | 1176.44 | 28.45 | 48.08 | 148.63 | 1079.18 | 301.81 | -249.56 | 172.03 | 303.11 | 145.42 | 0.91 |
| 72 | 1204.82 | 28.38 | 48.12 | 149.63 | 1098.13 | 322.93 | -267.69 | 182.87 | 324.19 | 145.66 | 2.63 |
| 73 | 1233.25 | 28.43 | 47.99 | 150.33 | 1117.14 | 344.07 | -286.00 | 193.45 | 345.28 | 145.93 | 1.89 |
| 74 | 1261.75 | 28.50 | 47.55 | 151.73 | 1136.29 | 365.17 | -304.46 | 203.67 | 366.31 | 146.22 | 3.95 |
| 75 | 1280.82 | 19.07 | 47.72 | 150.53 | 1149.14 | 379.26 | -316.80 | 210.48 | 380.35 | 146.40 | 4.73 |
| 76 | 1299.84 | 19.02 | 47.76 | 151.63 | 1161.93 | 393.34 | -329.12 | 217.28 | 394.38 | 146.57 | 4.29 |
| 77 | 1318.97 | 19.13 | 47.55 | 152.93 | 1174.82 | 407.47 | -341.64 | 223.86 | 408.45 | 146.76 | 5.14 |
| 78 | 1347.60 | 28.63 | 46.93 | 153.03 | 1194.26 | 428.47 | -360.36 | 233.41 | 429.35 | 147.07 | 2.18 |
| 79 | 1376.04 | 28.44 | 47.94 | 154.03 | 1213.49 | 449.40 | -379.11 | 242.75 | 450.17 | 147.37 | 4.40 |
| 80 | 1404.52 | 28.48 | 48.08 | 153.73 | 1232.55 | 470.53 | -398.12 | 252.07 | 471.21 | 147.66 | 0.92 |
| 81 | 1433.10 | 28.58 | 47.37 | 153.93 | 1251.77 | 491.65 | -417.10 | 261.39 | 492.24 | 147.93 | 2.54 |
| 82 | 1461.41 | 28.31 | 47.99 | 153.53 | 1270.83 | 512.55 | -435.87 | 270.66 | 513.07 | 148.16 | 2.43 |
| 83 | 1489.84 | 28.43 | 47.50 | 153.83 | 1289.95 | 533.57 | -454.73 | 279.99 | 534.02 | 148.38 | 1.89 |
| 84 | 1518.42 | 28.58 | 48.52 | 154.13 | 1309.07 | 554.77 | -473.82 | 289.30 | 555.16 | 148.59 | 3.65 |
| 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) |
| 85 | 1547.06 | 28.64 | 48.21 | 154.13 | 1328.10 | 576.14 | -493.08 | 298.64 | 576.47 | 148.80 | 1.08 |
| 86 | 1575.64 | 28.58 | 47.94 | 154.13 | 1347.19 | 597.37 | -512.21 | 307.92 | 597.64 | 148.99 | 0.94 |
| 87 | 1604.13 | 28.49 | 47.33 | 155.03 | 1366.39 | 618.37 | -531.23 | 316.96 | 618.60 | 149.18 | 3.17 |
| 88 | 1632.50 | 28.37 | 48.30 | 154.83 | 1385.44 | 639.34 | -550.27 | 325.87 | 639.52 | 149.37 | 3.46 |
| 89 | 1661.02 | 28.52 | 48.30 | 153.93 | 1404.42 | 660.59 | -569.47 | 335.07 | 660.73 | 149.53 | 2.36 |
| 90 | 1689.54 | 28.52 | 48.43 | 153.43 | 1423.36 | 681.87 | -588.57 | 344.52 | 681.99 | 149.66 | 1.39 |
| 91 | 1717.85 | 28.31 | 48.30 | 154.13 | 1442.17 | 703.00 | -607.55 | 353.87 | 703.10 | 149.78 | 1.90 |
| 92 | 1746.25 | 28.40 | 48.03 | 153.63 | 1461.11 | 724.13 | -626.55 | 363.19 | 724.21 | 149.90 | 1.62 |
| 93 | 1774.73 | 28.48 | 48.30 | 153.53 | 1480.11 | 745.32 | -645.56 | 372.63 | 745.38 | 150.01 | 0.98 |
| 94 | 1803.14 | 28.41 | 48.30 | 153.53 | 1499.01 | 766.51 | -664.54 | 382.08 | 766.56 | 150.10 | 0.00 |
| 95 | 1831.61 | 28.47 | 48.38 | 153.73 | 1517.93 | 787.75 | -683.60 | 391.53 | 787.79 | 150.20 | 0.60 |
| 96 | 1860.31 | 28.70 | 48.08 | 154.03 | 1537.05 | 809.13 | -702.82 | 400.96 | 809.15 | 150.30 | 1.30 |
| 97 | 1888.71 | 28.40 | 48.26 | 153.73 | 1555.99 | 830.25 | -721.82 | 410.27 | 830.27 | 150.39 | 1.01 |
| 98 | 1910.00 | 21.29 | 48.26 | 153.73 | 1570.17 | 846.12 | -736.07 | 417.30 | 846.13 | 150.45 | 0.00 |
| 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：1178.00 (m) 靶心距：3.47 (m) | | | | | | | | | | |
|  | 1323.68 |  | 47.45 | 152.95 | 1178.00 | 410.94 | -344.73 | 225.44 | 411.90 | 146.82 | 2.18 |
| \*2 | 第2靶点垂深：1391.00 (m) 靶心距： 3.80(m) | | | | | | | | | | |
|  | 1640.85 |  | 48.30 | 154.57 | 1391.00 | 645.56 | -555.91 | 328.53 | 645.73 | 149.42 | 2.36 |