

序 号	测深 (m)	段长 (m)	井斜 (°)	方位 (°)	垂深 (m)	投影位移 (m)	南北 (m)	东西 (m)	闭合距 (m)	闭合方位 (°)	全角 (°/30m)
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	166.00	166.00	0.00	0.00	166.00	0.00	0.00	0.00	0.00	0.00	0.00
3	179.81	13.81	0.53	304.60	179.81	0.05	0.04	-0.05	0.06	304.60	1.15
4	207.80	27.99	2.20	87.85	207.79	0.48	0.52	0.09	0.53	9.65	2.83
5	235.74	27.94	3.16	85.55	235.70	0.21	0.60	1.39	1.52	66.79	1.04
6	263.67	27.93	3.95	87.50	263.58	-0.14	0.70	3.12	3.20	77.32	0.86
7	291.96	28.29	4.18	95.76	291.79	-0.72	0.65	5.12	5.16	82.82	0.67
8	320.78	28.82	4.22	84.87	320.54	-1.28	0.63	7.23	7.26	84.99	0.83
9	349.37	28.59	4.13	84.16	349.05	-1.63	0.83	9.30	9.34	84.88	0.11
10	378.03	28.66	3.78	67.29	377.64	-1.66	1.32	11.21	11.29	83.29	1.27
11	406.92	28.89	3.87	66.58	406.47	-1.39	2.07	12.99	13.15	80.93	0.11
12	435.72	28.80	3.78	70.98	435.20	-1.19	2.77	14.78	15.03	79.39	0.32
13	464.54	28.82	3.95	49.71	463.96	-0.71	3.72	16.45	16.87	77.25	1.49
14	493.41	28.87	4.09	31.08	492.76	0.43	5.26	17.76	18.52	73.51	1.36
15	522.12	28.71	3.34	17.89	521.41	1.86	6.95	18.53	19.79	69.45	1.18
16	550.87	28.75	2.20	356.27	550.12	3.14	8.32	18.70	20.47	66.02	1.59
17	579.57	28.70	2.72	356.45	578.80	4.35	9.55	18.62	20.93	62.85	0.54
18	608.00	28.43	2.64	5.50	607.20	5.62	10.88	18.64	21.58	59.74	0.45
19	636.97	28.97	2.79	350.20	636.13	6.96	12.24	18.59	22.26	56.64	0.76
20	665.75	28.78	2.81	354.87	664.88	8.35	13.64	18.41	22.91	53.47	0.24
21	690.00	24.25	3.00	355.00	689.10	9.56	14.86	18.30	23.58	50.92	0.24
22	696.97	6.97	3.16	355.80	696.06	9.93	15.23	18.27	23.79	50.18	0.71
23	706.63	9.66	4.08	350.40	705.70	10.53	15.84	18.20	24.13	48.97	3.04
24	716.23	9.60	5.12	340.60	715.27	11.30	16.58	18.01	24.48	47.35	4.06
25	725.85	9.62	6.30	335.65	724.84	12.25	17.47	17.65	24.84	45.29	3.98

26	735.31	9.46	7.55	338.00	734.23	13.38	18.52	17.20	25.28	42.88	4.06
27	744.97	9.66	9.04	340.20	743.79	14.77	19.82	16.70	25.92	40.12	4.73
28	754.63	9.66	10.35	345.10	753.31	16.39	21.37	16.22	26.83	37.19	4.80
29	764.32	9.69	11.63	344.50	762.82	18.24	23.16	15.73	28.00	34.20	3.98
30	773.92	9.60	12.94	343.14	772.20	20.28	25.12	15.17	29.34	31.12	4.19
31	783.56	9.64	14.30	342.40	781.57	22.55	27.29	14.49	30.90	27.97	4.27
32	793.21	9.65	15.54	342.13	790.90	25.03	29.65	13.74	32.68	24.85	3.86
33	802.76	9.55	16.77	341.70	800.07	27.68	32.18	12.91	34.67	21.86	3.88
34	812.44	9.68	17.75	340.60	809.31	30.55	34.90	11.98	36.90	18.95	3.20
35	822.04	9.60	18.00	340.50	818.45	33.49	37.68	11.00	39.25	16.28	0.79
36	831.66	9.62	18.50	340.60	827.59	36.49	40.52	10.00	41.73	13.86	1.56
37	841.22	9.56	18.90	340.70	836.64	39.55	43.41	8.98	44.33	11.69	1.26
38	850.77	9.55	19.50	341.00	845.66	42.68	46.38	7.95	47.05	9.73	1.91
39	860.37	9.60	19.90	342.00	854.70	45.91	49.44	6.93	49.93	7.97	1.63
40	870.02	9.65	20.83	342.38	863.74	49.27	52.64	5.90	52.97	6.39	2.92
41	879.61	9.59	21.30	342.38	872.69	52.71	55.93	4.86	56.14	4.96	1.47
42	889.07	9.46	21.70	342.38	881.50	56.18	59.23	3.81	59.35	3.68	1.27
43	898.64	9.57	22.41	343.20	890.36	59.77	62.66	2.74	62.72	2.51	2.43
44	908.26	9.62	23.70	343.50	899.22	63.53	66.27	1.66	66.29	1.44	4.04
45	917.87	9.61	24.35	343.10	907.99	67.44	70.02	0.54	70.02	0.44	2.09
46	927.53	9.66	25.60	343.50	916.75	71.52	73.93	-0.63	73.93	359.51	3.92
47	937.16	9.63	26.99	343.90	925.38	75.79	78.02	-1.83	78.04	358.66	4.37
48	946.79	9.63	28.15	344.50	933.92	80.24	82.31	-3.04	82.37	357.88	3.72
49	956.23	9.44	29.54	345.40	942.19	84.80	86.71	-4.23	86.81	357.21	4.63
50	965.89	9.66	30.65	345.50	950.55	89.64	91.40	-5.44	91.56	356.59	3.45
51	975.54	9.65	31.94	345.70	958.79	94.65	96.25	-6.69	96.48	356.02	4.02
52	985.06	9.52	33.40	346.80	966.81	99.79	101.24	-7.91	101.55	355.53	4.97
53	994.39	9.33	34.63	346.50	974.54	105.01	106.32	-9.12	106.71	355.10	3.99

54	1003.78	9.39	35.90	346.20	982.21	110.43	111.59	-10.40	112.07	354.68	4.10
55	1013.05	9.27	37.27	345.10	989.65	115.95	116.94	-11.76	117.53	354.26	4.92
56	1022.24	9.19	38.55	344.90	996.90	121.60	122.40	-13.23	123.11	353.83	4.20
57	1031.64	9.40	39.70	344.78	1004.19	127.53	128.12	-14.78	128.97	353.42	3.68
58	1040.99	9.35	40.98	344.77	1011.32	133.58	133.96	-16.37	134.96	353.03	4.11
59	1050.34	9.35	41.89	344.52	1018.33	139.77	139.93	-18.00	141.08	352.67	2.97
60	1059.48	9.14	42.97	344.33	1025.07	145.93	145.87	-19.66	147.19	352.32	3.57
61	1068.92	9.44	43.85	344.11	1031.93	152.42	152.11	-21.42	153.61	351.98	2.84
62	1078.26	9.34	45.20	344.02	1038.59	158.97	158.41	-23.22	160.10	351.66	4.34
63	1087.69	9.43	46.31	343.88	1045.17	165.72	164.90	-25.09	166.80	351.35	3.55
64	1097.21	9.52	47.62	343.79	1051.67	172.68	171.58	-27.03	173.70	351.05	4.13
65	1106.59	9.38	49.01	343.79	1057.90	179.68	178.31	-28.98	180.65	350.77	4.45
66	1116.03	9.44	50.22	343.79	1064.02	186.87	185.21	-30.99	187.79	350.50	3.85
67	1125.40	9.37	51.42	343.79	1069.94	194.14	192.19	-33.02	195.00	350.25	3.84
68	1134.67	9.27	52.89	344.01	1075.63	201.45	199.22	-35.05	202.28	350.02	4.79
69	1143.95	9.28	54.01	344.23	1081.15	208.91	206.39	-37.09	209.70	349.81	3.67
70	1153.37	9.42	55.42	344.32	1086.60	216.60	213.79	-39.17	217.35	349.62	4.50
71	1162.58	9.21	56.30	344.50	1091.76	224.22	221.13	-41.22	224.94	349.44	2.91
72	1171.85	9.27	57.19	344.67	1096.85	231.97	228.61	-43.28	232.67	349.28	2.92
73	1181.19	9.34	58.09	344.85	1101.85	239.86	236.22	-45.35	240.53	349.13	2.93
74	1190.58	9.39	59.15	344.66	1106.74	247.88	243.95	-47.46	248.53	348.99	3.43
75	1199.96	9.38	60.20	344.46	1111.47	255.97	251.76	-49.62	256.60	348.85	3.40
76	1209.34	9.38	61.26	344.27	1116.06	264.16	259.64	-51.82	264.76	348.71	3.43
77	1218.99	9.65	62.32	344.64	1120.62	272.66	267.83	-54.10	273.24	348.58	3.45
78	1228.63	9.64	63.38	345.01	1125.02	281.24	276.11	-56.35	281.80	348.47	3.45
79	1238.15	9.52	64.42	345.37	1129.21	289.79	284.37	-58.53	290.34	348.37	3.43
80	1247.76	9.61	65.30	345.60	1133.29	298.49	292.80	-60.71	299.02	348.29	2.82
81	1257.39	9.63	66.18	345.83	1137.25	307.26	301.30	-62.88	307.80	348.21	2.82

82	1267.06	9.67	67.06	346.06	1141.08	316.14	309.91	-65.04	316.66	348.15	2.81
83	1276.73	9.67	68.03	345.77	1144.78	325.07	318.58	-67.21	325.59	348.09	3.12
84	1286.26	9.53	68.99	345.49	1148.27	333.94	327.17	-69.41	334.45	348.02	3.13
85	1295.87	9.61	69.96	345.20	1151.64	342.94	335.88	-71.69	343.44	347.95	3.14
86	1324.54	28.67	70.66	345.02	1161.30	369.93	361.97	-78.62	370.41	347.74	0.75
87	1353.38	28.84	70.84	345.02	1170.80	397.16	388.27	-85.66	397.61	347.56	0.19
88	1382.17	28.79	70.66	345.37	1180.30	424.34	414.55	-92.61	424.76	347.41	0.39
89	1411.10	28.93	69.96	344.67	1190.04	451.58	440.86	-99.65	451.98	347.26	1.00
90	1439.94	28.84	69.61	344.14	1200.01	478.64	466.93	-106.92	479.01	347.10	0.63
91	1468.74	28.80	71.28	344.55	1209.65	505.78	493.06	-114.25	506.12	346.95	1.79
92	1497.77	29.03	71.45	344.37	1218.93	533.28	519.56	-121.62	533.60	346.83	0.25
93	1526.75	28.98	71.01	345.20	1228.25	560.72	546.04	-128.82	561.03	346.73	0.93
94	1555.58	28.83	70.63	345.27	1237.72	587.95	572.37	-135.76	588.25	346.66	0.40
95	1584.41	28.83	70.57	345.07	1247.30	615.14	598.65	-142.72	615.43	346.59	0.21
96	1613.24	28.83	70.06	345.50	1257.01	642.29	624.91	-149.61	642.57	346.54	0.68
97	1641.96	28.72	70.75	344.90	1266.64	669.34	651.07	-156.52	669.62	346.48	0.93
98	1670.55	28.59	72.25	344.50	1275.71	696.46	677.22	-163.68	696.72	346.41	1.62
99	1699.26	28.71	71.98	344.43	1284.53	723.78	703.54	-171.00	724.02	346.34	0.29
100	1728.03	28.77	71.81	344.32	1293.47	751.12	729.88	-178.36	751.35	346.27	0.21
101	1756.90	28.87	71.37	344.67	1302.59	778.52	756.27	-185.68	778.73	346.21	0.57
102	1785.68	28.78	72.16	344.62	1311.59	805.85	782.63	-192.92	806.06	346.15	0.82
103	1814.54	28.86	71.54	344.44	1320.58	833.27	809.06	-200.24	833.47	346.10	0.67
104	1843.22	28.68	70.84	344.44	1329.83	860.42	835.22	-207.52	860.61	346.05	0.73
105	1872.22	29.00	70.93	344.49	1339.33	887.82	861.62	-214.86	888.00	346.00	0.11
106	1901.21	28.99	70.75	344.44	1348.84	915.20	888.00	-222.19	915.38	345.95	0.19
107	1929.94	28.73	70.75	344.26	1358.31	942.33	914.12	-229.51	942.49	345.91	0.18
108	1958.75	28.81	70.31	344.14	1367.92	969.49	940.25	-236.90	969.64	345.86	0.47
109	1987.41	28.66	70.75	344.32	1377.47	996.51	966.26	-244.25	996.65	345.81	0.49

110	2016.02	28.61	71.30	344.50	1386.77	1023.56	992.32	-251.52	1023.70	345.78	0.60
111	2044.80	28.78	71.01	344.49	1396.07	1050.80	1018.56	-258.80	1050.93	345.74	0.30
112	2073.43	28.63	70.48	345.02	1405.51	1077.83	1044.64	-265.91	1077.95	345.72	0.76
113	2102.47	29.04	70.22	344.80	1415.27	1105.18	1071.05	-273.03	1105.30	345.70	0.34
114	2131.40	28.93	70.13	344.60	1425.09	1132.39	1097.30	-280.21	1132.51	345.67	0.22
115	2160.34	28.94	71.15	344.02	1434.68	1159.69	1123.58	-287.59	1159.80	345.64	1.20
116	2189.28	28.94	74.72	343.21	1443.17	1187.35	1150.12	-295.39	1187.45	345.60	3.79
117	2218.21	28.93	78.51	342.45	1449.87	1215.47	1177.01	-303.70	1215.56	345.53	4.00
118	2247.02	28.81	82.27	341.33	1454.68	1243.83	1204.00	-312.53	1243.90	345.45	4.08
119	2275.82	28.80	83.78	341.33	1458.17	1272.36	1231.08	-321.68	1272.41	345.36	1.57
120	2304.64	28.82	83.50	340.98	1461.37	1300.95	1258.19	-330.93	1300.98	345.26	0.46
121	2333.59	28.95	83.33	340.85	1464.69	1329.64	1285.37	-340.34	1329.66	345.17	0.22
122	2362.16	28.57	84.57	340.80	1467.70	1357.98	1312.20	-349.67	1357.99	345.08	1.30
123	2390.79	28.63	84.75	340.63	1470.36	1386.41	1339.11	-359.08	1386.41	344.99	0.26
124	2419.59	28.80	84.69	341.03	1473.01	1415.02	1366.19	-368.50	1415.02	344.91	0.42
125	2448.48	28.89	84.80	341.50	1475.66	1443.73	1393.44	-377.74	1443.73	344.83	0.50
126	2477.35	28.87	84.51	341.70	1478.35	1472.43	1420.71	-386.81	1472.43	344.77	0.37
127	2506.06	28.71	84.35	341.90	1481.13	1500.96	1447.86	-395.74	1500.97	344.71	0.27
128	2534.81	28.75	83.62	341.82	1484.15	1529.51	1475.03	-404.64	1529.52	344.66	0.77
129	2563.51	28.70	83.50	341.92	1487.36	1558.00	1502.13	-413.51	1558.01	344.61	0.16
130	2584.00	20.49	83.42	341.92	1489.70	1578.33	1521.48	-419.83	1578.34	344.57	0.12