

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 (° /30m)
1	0.00	0.00	0.00	326.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	88.71	88.71	0.66	326.10	88.71	0.49	0.42	-0.28	0.51	326.10	0.22
3	97.98	9.27	1.11	323.70	97.98	0.63	0.54	-0.37	0.65	325.84	1.46
4	107.22	9.24	1.58	319.30	107.21	0.85	0.71	-0.50	0.87	324.76	1.56
5	116.49	9.27	1.89	316.20	116.48	1.13	0.92	-0.69	1.15	323.05	1.05
6	125.79	9.30	2.61	312.40	125.77	1.49	1.17	-0.95	1.51	320.94	2.37
7	135.06	9.27	3.47	308.30	135.03	1.98	1.49	-1.33	2.00	318.35	2.87
8	144.36	9.30	4.23	304.40	144.31	2.60	1.86	-1.83	2.61	315.50	2.59
9	153.63	9.27	5.16	303.50	153.55	3.36	2.29	-2.46	3.36	312.91	3.02
10	162.83	9.20	6.09	302.30	162.70	4.25	2.78	-3.22	4.25	310.79	3.06
11	171.99	9.16	7.18	300.80	171.80	5.29	3.33	-4.12	5.30	308.95	3.61
12	181.24	9.25	8.16	301.10	180.97	6.50	3.96	-5.18	6.52	307.44	3.18
13	190.54	9.30	9.22	302.50	190.16	7.89	4.70	-6.37	7.92	306.44	3.49
14	199.83	9.29	10.15	304.40	199.32	9.43	5.57	-7.67	9.48	305.95	3.18
15	209.46	9.63	10.79	303.70	208.79	11.17	6.55	-9.12	11.23	305.65	2.03
16	219.12	9.66	11.45	303.40	218.27	13.01	7.58	-10.68	13.09	305.35	2.06
17	228.79	9.67	12.13	303.10	227.73	14.97	8.66	-12.33	15.07	305.08	2.12
18	238.44	9.65	13.08	302.40	237.15	17.05	9.80	-14.10	17.17	304.79	2.99
19	248.10	9.66	14.11	301.30	246.54	19.28	11.00	-16.03	19.44	304.45	3.30
20	257.76	9.66	15.07	300.70	255.89	21.67	12.25	-18.12	21.87	304.07	3.02
21	267.43	9.67	15.92	300.60	265.21	24.21	13.57	-20.34	24.45	303.71	2.64
22	277.09	9.66	16.79	300.70	274.48	26.88	14.95	-22.68	27.16	303.40	2.70
23	286.75	9.66	17.67	300.80	283.70	29.69	16.42	-25.14	30.02	303.15	2.73
24	296.44	9.69	18.65	302.10	292.91	32.66	17.99	-27.71	33.04	302.99	3.28
25	306.10	9.66	19.71	304.30	302.03	35.80	19.73	-30.37	36.21	303.01	3.98
26	315.75	9.65	20.56	305.20	311.09	39.10	21.62	-33.10	39.54	303.16	2.81

27	325.41	9.66	21.80	305.70	320.10	42.57	23.65	-35.94	43.02	303.34	3.89
28	335.08	9.67	23.20	306.80	329.03	46.25	25.84	-38.93	46.72	303.57	4.54
29	344.75	9.67	24.48	307.60	337.88	50.15	28.20	-42.04	50.62	303.85	4.10
30	354.41	9.66	25.84	308.70	346.62	54.24	30.73	-45.27	54.72	304.17	4.47
31	364.08	9.67	26.91	310.10	355.29	58.54	33.46	-48.59	59.00	304.55	3.84
32	373.72	9.64	27.99	311.40	363.84	62.98	36.36	-51.95	63.41	304.99	3.84
33	383.33	9.61	29.33	311.80	372.27	67.59	39.42	-55.40	67.99	305.44	4.23
34	392.98	9.65	30.62	312.20	380.63	72.41	42.65	-58.98	72.79	305.87	4.06
35	402.65	9.67	31.95	312.90	388.90	77.43	46.04	-62.68	77.78	306.30	4.28
36	412.34	9.69	33.23	312.50	397.06	82.65	49.58	-66.52	82.96	306.70	4.02
37	421.99	9.65	34.64	312.30	405.07	88.04	53.22	-70.50	88.33	307.05	4.40
38	431.63	9.64	36.02	312.20	412.93	93.61	56.96	-74.62	93.88	307.36	4.30
39	441.29	9.66	37.14	311.70	420.69	99.37	60.81	-78.90	99.62	307.62	3.60
40	450.96	9.67	38.23	311.30	428.34	105.28	64.73	-83.33	105.52	307.84	3.47
41	460.65	9.69	39.11	310.90	435.91	111.33	68.71	-87.89	111.56	308.02	2.83
42	470.32	9.67	40.31	311.30	443.34	117.51	72.77	-92.55	117.73	308.18	3.81
43	479.98	9.66	41.54	311.70	450.64	123.84	76.96	-97.29	124.05	308.35	3.91
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44	489.64	9.66	42.67	312.30	457.81	130.31	81.30	-102.10	130.51	308.53	3.73
45	518.63	28.99	45.48	310.90	478.63	150.48	94.68	-117.18	150.65	308.94	3.08
46	539.76	21.13	46.12	309.53	493.37	165.62	104.46	-128.75	165.80	309.06	1.66
47	549.43	9.67	46.41	308.90	500.05	172.60	108.88	-134.16	172.78	309.06	1.67
48	578.37	28.94	48.56	309.30	519.61	193.91	122.33	-150.71	194.11	309.07	2.25
49	605.48	27.11	48.47	308.50	537.57	214.19	135.09	-166.52	214.42	309.05	0.67
50	619.00	13.52	48.47	308.50	546.53	224.30	141.39	-174.44	224.54	309.03	0.00
51	634.32	15.32	48.52	307.90	556.68	235.75	148.48	-183.46	236.02	308.99	0.89
52	663.35	29.03	48.87	307.40	575.84	257.50	161.80	-200.72	257.82	308.87	0.53
53	692.31	28.96	48.60	306.20	594.94	279.19	174.84	-218.15	279.57	308.71	0.98

54	721.29	28.98	49.09	308.20	614.02	300.94	188.03	-235.53	301.38	308.60	1.64
55	750.27	28.98	49.00	307.00	633.01	322.77	201.39	-252.87	323.27	308.53	0.94
56	779.25	28.98	48.91	306.20	652.04	344.54	214.42	-270.42	345.11	308.41	0.63
57	808.23	28.98	49.17	309.80	671.04	366.38	227.89	-287.66	366.99	308.39	2.83
58	837.21	28.98	48.87	308.50	690.04	388.23	241.70	-304.63	388.87	308.43	1.06
59	866.19	28.98	47.81	310.80	709.31	409.87	255.52	-321.30	410.51	308.49	2.09
60	895.16	28.97	47.29	310.00	728.86	431.24	269.37	-337.57	431.88	308.59	0.81
61	924.14	28.98	46.89	310.50	748.59	452.46	283.09	-353.77	453.09	308.67	0.56
62	953.12	28.98	46.54	310.40	768.46	473.55	296.77	-369.83	474.18	308.75	0.37
63	982.10	28.98	47.77	311.10	788.17	494.79	310.64	-385.92	495.42	308.83	1.38
64	1011.08	28.98	47.99	310.80	807.60	516.29	324.73	-402.16	516.90	308.92	0.32
65	1040.06	28.98	48.30	309.60	826.94	537.87	338.66	-418.65	538.48	308.97	0.98
66	1069.04	28.98	47.59	311.10	846.35	559.38	352.59	-435.04	559.99	309.02	1.37
67	1098.02	28.98	47.81	310.00	865.85	580.81	366.53	-451.33	581.41	309.08	0.87
68	1127.00	28.98	48.08	311.20	885.27	602.32	380.53	-467.67	602.92	309.13	0.96
69	1155.98	28.98	49.17	310.50	904.42	624.06	394.76	-484.12	624.66	309.19	1.25
70	1184.95	28.97	49.97	310.50	923.21	646.11	409.08	-500.89	646.71	309.24	0.83
71	1213.93	28.98	50.32	310.40	941.78	668.35	423.51	-517.82	668.95	309.28	0.37
72	1242.91	28.98	51.20	310.30	960.11	690.79	438.04	-534.92	691.39	309.31	0.91
73	1271.89	28.98	51.86	310.60	978.14	713.48	452.76	-552.19	714.08	309.35	0.73
74	1300.87	28.98	52.16	310.90	995.98	736.31	467.67	-569.49	736.91	309.39	0.40
75	1329.85	28.98	52.16	309.40	1013.76	759.19	482.43	-586.98	759.79	309.42	1.23
76	1358.83	28.98	52.60	309.70	1031.45	782.13	497.04	-604.68	782.75	309.42	0.52
77	1387.81	28.98	52.43	308.70	1049.08	805.10	511.58	-622.50	805.74	309.41	0.84
78	1416.79	28.98	51.94	308.70	1066.85	827.96	525.89	-640.37	828.63	309.39	0.51
79	1445.71	28.92	51.59	308.40	1084.75	850.65	540.05	-658.13	851.35	309.37	0.44
80	1474.70	28.99	52.25	309.70	1102.63	873.44	554.43	-675.85	874.17	309.36	1.26
81	1503.69	28.99	52.38	309.80	1120.35	896.37	569.10	-693.49	897.11	309.37	0.16
82	1513.30	9.61	52.65	308.90	1126.20	903.99	573.93	-699.39	904.73	309.37	2.38

83	1522.98	9.68	53.66	308.80	1132.00	911.72	578.79	-705.42	912.48	309.37	3.14
84	1532.62	9.64	54.80	309.60	1137.64	919.54	583.73	-711.48	920.30	309.37	4.08
85	1542.31	9.69	55.46	309.90	1143.18	927.48	588.82	-717.60	928.25	309.37	2.18
86	1551.97	9.66	56.56	310.20	1148.58	935.49	593.97	-723.73	936.26	309.38	3.50
87	1561.63	9.66	57.83	309.70	1153.81	943.61	599.18	-729.95	944.38	309.38	4.15
88	1571.29	9.66	58.49	309.60	1158.91	951.81	604.42	-736.27	952.59	309.38	2.07
89	1580.95	9.66	59.28	309.40	1163.90	960.07	609.68	-742.65	960.86	309.38	2.51
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90	1590.62	9.67	60.42	309.40	1168.76	968.43	614.99	-749.11	969.22	309.38	3.54
91	1600.27	9.65	61.70	309.50	1173.43	976.86	620.35	-755.63	977.66	309.38	3.99
92	1609.89	9.62	62.53	310.10	1177.93	985.36	625.80	-762.17	986.16	309.39	3.07
93	1619.55	9.66	63.37	309.40	1182.32	993.96	631.30	-768.78	994.77	309.39	3.25
94	1629.22	9.67	64.25	309.90	1186.59	1002.63	636.83	-775.46	1003.44	309.39	3.06
95	1638.89	9.67	64.82	310.80	1190.74	1011.36	642.49	-782.12	1012.17	309.40	3.08
96	1648.54	9.65	65.70	310.00	1194.78	1020.12	648.17	-788.79	1020.94	309.41	3.55
97	1658.21	9.67	67.00	310.20	1198.66	1028.98	653.87	-795.57	1029.79	309.42	4.07
98	1667.87	9.66	67.50	310.80	1202.40	1037.88	659.66	-802.34	1038.70	309.43	2.32
99	1677.51	9.64	68.64	311.00	1206.00	1046.82	665.51	-809.10	1047.64	309.44	3.59
100	1687.17	9.66	69.74	312.30	1209.43	1055.85	671.51	-815.85	1056.66	309.46	5.09
101	1696.86	9.69	70.81	312.00	1212.70	1064.97	677.64	-822.61	1065.77	309.48	3.43
102	1706.52	9.66	72.33	311.80	1215.75	1074.14	683.76	-829.43	1074.93	309.50	4.76
103	1716.14	9.62	73.04	312.30	1218.62	1083.32	689.91	-836.25	1084.10	309.52	2.67
104	1725.78	9.64	73.92	312.30	1221.36	1092.56	696.13	-843.08	1093.34	309.55	2.74
105	1735.45	9.67	75.22	312.60	1223.93	1101.88	702.42	-849.96	1102.65	309.57	4.13
106	1745.11	9.66	75.85	313.50	1226.34	1111.24	708.80	-856.80	1111.98	309.60	3.34
107	1754.43	9.32	76.94	313.40	1228.54	1120.29	715.03	-863.37	1121.02	309.63	3.52
108	1764.12	9.69	78.00	314.20	1230.64	1129.74	721.58	-870.20	1130.45	309.67	4.08
109	1773.79	9.67	79.28	315.10	1232.54	1139.21	728.24	-876.95	1139.90	309.71	4.82

110	1783.46	9.67	79.98	315.50	1234.28	1148.70	735.00	-883.64	1149.37	309.75	2.49
111	1793.11	9.65	81.47	315.10	1235.84	1158.21	741.77	-890.33	1158.85	309.80	4.79
112	1822.08	28.97	82.44	314.40	1239.89	1186.85	761.97	-910.71	1187.43	309.92	1.23
113	1851.03	28.95	83.06	315.30	1243.55	1215.53	782.22	-931.07	1216.04	310.03	1.13
114	1879.98	28.95	82.92	315.00	1247.08	1244.21	802.59	-951.33	1244.66	310.15	0.34
115	1908.90	28.92	82.09	315.40	1250.85	1272.83	822.94	-971.53	1273.23	310.27	0.95
116	1937.86	28.96	82.22	314.60	1254.80	1301.47	843.22	-991.82	1301.82	310.37	0.83
117	1966.85	28.99	81.69	313.90	1258.86	1330.14	863.25	-1012.38	1330.46	310.45	0.90
118	1995.82	28.97	82.66	314.80	1262.81	1358.81	883.31	-1032.90	1359.09	310.54	1.36
119	2024.78	28.96	81.83	316.00	1266.71	1387.45	903.75	-1053.05	1387.69	310.64	1.50
120	2053.75	28.97	82.22	315.50	1270.73	1416.07	924.30	-1073.07	1416.26	310.74	0.65
121	2082.71	28.96	82.40	315.40	1274.61	1444.70	944.75	-1093.20	1444.87	310.83	0.21
122	2111.66	28.95	82.27	315.80	1278.47	1473.33	965.25	-1113.28	1473.46	310.93	0.43
123	2140.65	28.99	82.71	315.80	1282.26	1502.00	985.85	-1133.32	1502.10	311.02	0.46
124	2169.61	28.96	82.92	315.40	1285.88	1530.66	1006.38	-1153.42	1530.74	311.11	0.47
125	2198.61	29.00	82.09	315.10	1289.66	1559.36	1026.80	-1173.66	1559.42	311.18	0.91
126	2227.51	28.90	81.52	315.60	1293.78	1587.91	1047.15	-1193.76	1587.95	311.26	0.78
127	2256.45	28.94	80.46	315.70	1298.32	1616.42	1067.59	-1213.74	1616.45	311.33	1.10
128	2275.00	18.55	80.00	315.70	1301.46	1634.66	1080.67	-1226.51	1634.68	311.38	0.74