	id	x	y	longitude	latitude	depth	strat	depth_bin
1	swa_0001	491.7818	−1220.933	−171.0752	−11.04479	14.500333	1	MID
2	swa_0002	492.9758	−1221.900	−171.0643	−11.05354	13.981280	1	MID
3	swa_0003	490.9460	−1221.175	−171.0829	−11.04697	14.669601	1	MID
4	swa_0004	491.3042	−1223.512	−171.0796	−11.06811	13.681161	1	MID
5	swa_0005	492.2594	−1220.933	−171.0709	−11.04479	16.505800	1	MID
6	swa_0006	491.4236	−1221.013	−171.0785	−11.04552	16.000014	1	MID
7	swa_0007	490.3490	−1222.867	−171.0884	−11.06228	14.985977	1	MID
8	swa_0008	492.9758	−1222.142	−171.0643	−11.05573	8.032147	1	MID
9	swa_0009	493.0952	−1221.900	−171.0632	−11.05354	14.007722	1	MID
10	swa_0010	492.6176	−1221.336	−171.0676	−11.04844	15.000000	1	MID
11	swa_0011	490.3490	−1222.787	−171.0884	−11.06155	14.041391	1	MID
12	swa_0012	492.7370	−1222.545	−171.0665	−11.05937	16.511413	1	MID
13	swa_0013	490.7072	−1221.175	−171.0851	−11.04697	17.006003	1	MID
14	swa_0014	492.3788	−1221.094	−171.0698	−11.04625	15.499969	1	MID
15	swa_0015	491.1848	−1221.094	−171.0807	−11.04625	13.668478	1	MID
16	swa_0016	490.2296	−1222.787	−171.0895	−11.06155	17.054277	1	MID
17	swa_0017	492.3788	−1221.013	−171.0698	−11.04552	18.000000	1	MID
18	swa_0018	492.8564	−1221.658	−171.0654	−11.05135	17.331626	1	MID
19	swa_0019	490.9460	−1221.094	−171.0829	−11.04624	14.668851	1	MID
20	swa_0020	491.6624	−1220.933	−171.0763	−11.04479	17.998543	1	MID
21	swa_0021	491.1848	−1223.593	−171.0807	−11.06884	17.576177	1	MID
22	swa_0022	491.7818	−1221.013	−171.0752	−11.04552	14.600112	1	MID
23	swa_0023	491.1848	−1223.512	−171.0807	−11.06811	11.179305	1	MID
24	swa_0024	491.6624	−1221.013	−171.0763	−11.04552	17.999449	1	MID
25	swa_0025	492.4982	−1221.255	−171.0687	−11.04771	12.018514	1	MID
26	swa_0026	490.5878	−1221.255	−171.0862	−11.04770	11.504747	1	MID
27	swa_0027	490.8266	−1221.175	−171.0840	−11.04697	16.249081	1	MID
28	swa_0028	492.9758	−1222.061	−171.0643	−11.05500	9.663342	1	MID
29	swa_0029	493.0952	−1221.981	−171.0632	−11.05427	11.002088	1	MID
30	swa_0030	492.9758	−1221.981	−171.0643	−11.05427	11.491003	1	MID
31	swa_0031	492.7370	−1221.336	−171.0665	−11.04844	17.996488	1	MID
32	swa_0032	490.1102	−1221.416	−171.0905	−11.04916	17.076385	1	MID
33	swa_0033	491.5430	−1221.013	−171.0774	−11.04552	25.999411	2	DEEP
34	swa_0034	491.0654	−1223.431	−171.0818	−11.06738	20.932323	2	DEEP
35	swa_0035	492.8564	−1221.578	−171.0654	−11.05062	21.000000	2	DEEP
36	swa_0036	492.4982	−1221.175	−171.0687	−11.04698	22.753864	2	DEEP
37	swa_0037	491.5430	−1223.593	−171.0774	−11.06884	28.917097	2	DEEP
38	swa_0038	492.2594	−1221.013	−171.0709	−11.04552	20.334911	2	DEEP
39	swa_0039	490.5878	−1223.109	−171.0862	−11.06447	19.492402	2	DEEP
40	swa_0040	490.2296	−1221.255	−171.0895	−11.04770	20.000000	2	DEEP
41	swa_0041	490.9460	−1223.351	−171.0829	−11.06665	22.983363	2	DEEP
42	swa_0042	490.2296	−1222.625	−171.0895	−11.06009	21.075793	2	DEEP
43	swa_0043	490.4684	−1223.028	−171.0873	−11.06374	19.052644	2	DEEP
44	swa_0044	491.5430	−1220.933	−171.0774	−11.04479	25.998235	2	DEEP
45	swa_0045	490.8266	−1221.094	−171.0840	−11.04624	21.500428	2	DEEP
46	swa_0046	491.3042	−1223.593	−171.0796	−11.06884	23.714755	2	DEEP
47	swa_0047	493.0952	−1222.142	−171.0632	−11.05573	19.939920	2	DEEP
48	swa_0048	490.5878	−1221.175	−171.0862	−11.04697	19.245328	2	DEEP
49	swa_0049	491.9012	−1221.013	−171.0741	−11.04552	25.992980	2	DEEP
50	swa_0050	491.9012	−1220.933	−171.0741	−11.04479	25.998549	2	DEEP
51	swa_0051	491.7818	−1223.431	−171.0752	−11.06739	24.000000	2	DEEP
52	swa_0052	492.9758	−1222.384	−171.0643	−11.05791	23.954729	2	DEEP
53	swa_0053	491.9012	−1223.351	−171.0742	−11.06666	20.070907	2	DEEP
54	swa_0054	492.9758	−1221.658	−171.0643	−11.05135	29.967104	2	DEEP
55	swa_0055	490.1102	−1222.625	−171.0905	−11.06009	20.970722	2	DEEP
56	swa_0056	492.7370	−1221.416	−171.0665	−11.04916	21.990381	2	DEEP
57	swa_0057	490.2296	−1222.706	−171.0895	−11.06082	22.039551	2	DEEP
58	swa_0058	490.2296	−1221.336	−171.0895	−11.04843	18.803455	2	DEEP
59	swa_0059	491.5430	−1223.512	−171.0774	−11.06811	25.471697	2	DEEP
60	swa_0060	491.7818	−1223.351	−171.0752	−11.06666	21.614527	2	DEEP
61	swa_0061	490.9460	−1223.431	−171.0829	−11.06738	20.000000	2	DEEP
62	swa_0062	490.5878	−1223.190	−171.0862	−11.06520	24.000000	2	DEEP
63	swa_0063	491.0654	−1221.094	−171.0818	−11.04624	22.001166	2	DEEP
64	swa_0064	492.9758	−1222.222	−171.0643	−11.05645	22.057456	2	DEEP
65	swa_0065	491.4236	−1223.593	−171.0785	−11.06884	23.009981	2	DEEP
66	swa_0066	492.4982	−1221.094	−171.0687	−11.04625	24.000000	2	DEEP
67	swa_0067	490.1102	−1222.545	−171.0905	−11.05936	18.010093	2	DEEP
68	swa_0068	491.4236	−1223.512	−171.0785	−11.06811	21.922551	2	DEEP
69	swa_0069	490.8266	−1223.351	−171.0840	−11.06665	22.779027	2	DEEP
70	swa_0070	491.6624	−1223.431	−171.0763	−11.06739	23.000000	2	DEEP
71	swa_0071	490.4684	−1222.948	−171.0873	−11.06301	25.044290	2	DEEP
72	swa_0072	491.0654	−1223.512	−171.0818	−11.06811	21.000000	2	DEEP
73	swa_0073	490.3490	−1221.255	−171.0884	−11.04770	18.013007	2	DEEP
74	swa_0074	491.3042	−1221.013	−171.0796	−11.04552	21.333543	2	DEEP
75	swa_0075	492.6176	−1221.255	−171.0676	−11.04771	25.990397	2	DEEP