

	id	x	y	longitude	latitude	depth	strat	depth_bin
1	swa_0001	492.2594	-1220.933	-171.0709	-11.04479	16.505800	1	MID
2	swa_0002	490.8266	-1221.175	-171.0840	-11.04697	16.249081	1	MID
3	swa_0003	491.3042	-1223.512	-171.0796	-11.06811	13.681161	1	MID
4	swa_0004	491.1848	-1223.593	-171.0807	-11.06884	17.576177	1	MID
5	swa_0005	490.5878	-1221.255	-171.0862	-11.04770	11.504747	1	MID
6	swa_0006	491.4236	-1221.013	-171.0785	-11.04552	16.000014	1	MID
7	swa_0007	492.4982	-1221.255	-171.0687	-11.04771	12.018514	1	MID
8	swa_0008	492.8564	-1222.464	-171.0654	-11.05864	14.503517	1	MID
9	swa_0009	490.9460	-1221.094	-171.0829	-11.04624	14.668851	1	MID
10	swa_0010	492.9758	-1222.142	-171.0643	-11.05573	8.032147	1	MID
11	swa_0011	491.1848	-1221.094	-171.0807	-11.04625	13.668478	1	MID
12	swa_0012	492.0206	-1221.013	-171.0731	-11.04552	16.037471	1	MID
13	swa_0013	492.7370	-1222.545	-171.0665	-11.05937	16.511413	1	MID
14	swa_0014	490.3490	-1222.787	-171.0884	-11.06155	14.041391	1	MID
15	swa_0015	490.7072	-1221.175	-171.0851	-11.04697	17.006003	1	MID
16	swa_0016	490.4684	-1221.255	-171.0873	-11.04770	10.634089	1	MID
17	swa_0017	492.9758	-1221.900	-171.0643	-11.05354	13.981280	1	MID
18	swa_0018	490.2296	-1222.787	-171.0895	-11.06155	17.054277	1	MID
19	swa_0019	491.7818	-1220.933	-171.0752	-11.04479	14.500333	1	MID
20	swa_0020	493.0952	-1221.900	-171.0632	-11.05354	14.007722	1	MID
21	swa_0021	492.3788	-1221.013	-171.0698	-11.04552	18.000000	1	MID
22	swa_0022	492.6176	-1221.336	-171.0676	-11.04844	15.000000	1	MID
23	swa_0023	491.7818	-1221.013	-171.0752	-11.04552	14.600112	1	MID
24	swa_0024	490.1102	-1221.336	-171.0905	-11.04843	17.000000	1	MID
25	swa_0025	492.9758	-1221.981	-171.0643	-11.05427	11.491003	1	MID
26	swa_0026	492.7370	-1221.497	-171.0665	-11.04989	16.648521	1	MID
27	swa_0027	492.8564	-1221.658	-171.0654	-11.05135	17.331626	1	MID
28	swa_0028	490.1102	-1221.416	-171.0905	-11.04916	17.076385	1	MID
29	swa_0029	492.3788	-1221.094	-171.0698	-11.04625	15.499969	1	MID
30	swa_0030	490.9460	-1221.175	-171.0829	-11.04697	14.669601	1	MID
31	swa_0031	492.9758	-1221.819	-171.0643	-11.05281	15.977094	1	MID
32	swa_0032	491.1848	-1223.512	-171.0807	-11.06811	11.179305	1	MID
33	swa_0033	490.7072	-1223.270	-171.0851	-11.06593	25.322573	2	DEEP
34	swa_0034	492.0206	-1220.933	-171.0731	-11.04479	25.717002	2	DEEP
35	swa_0035	491.4236	-1223.593	-171.0785	-11.06884	23.009981	2	DEEP
36	swa_0036	491.9012	-1220.933	-171.0741	-11.04479	25.998549	2	DEEP
37	swa_0037	491.0654	-1223.512	-171.0818	-11.06811	21.000000	2	DEEP
38	swa_0038	490.2296	-1221.255	-171.0895	-11.04770	20.000000	2	DEEP
39	swa_0039	492.1400	-1221.013	-171.0720	-11.04552	19.748583	2	DEEP
40	swa_0040	492.7370	-1221.416	-171.0665	-11.04916	21.990381	2	DEEP
41	swa_0041	493.0952	-1222.142	-171.0632	-11.05573	19.939920	2	DEEP
42	swa_0042	490.2296	-1221.336	-171.0895	-11.04843	18.803455	2	DEEP
43	swa_0043	491.3042	-1223.593	-171.0796	-11.06884	23.714755	2	DEEP
44	swa_0044	490.1102	-1222.625	-171.0905	-11.06009	20.970722	2	DEEP
45	swa_0045	491.7818	-1223.431	-171.0752	-11.06739	24.000000	2	DEEP
46	swa_0046	492.4982	-1221.175	-171.0687	-11.04698	22.753864	2	DEEP
47	swa_0047	491.3042	-1221.013	-171.0796	-11.04552	21.333543	2	DEEP
48	swa_0048	491.4236	-1223.512	-171.0785	-11.06811	21.922551	2	DEEP
49	swa_0049	490.8266	-1223.351	-171.0840	-11.06665	22.779027	2	DEEP
50	swa_0050	490.5878	-1221.175	-171.0862	-11.04697	19.245328	2	DEEP
51	swa_0051	490.5878	-1223.109	-171.0862	-11.06447	19.492402	2	DEEP
52	swa_0052	491.5430	-1223.512	-171.0774	-11.06811	25.471697	2	DEEP
53	swa_0053	492.8564	-1221.578	-171.0654	-11.05062	21.000000	2	DEEP
54	swa_0054	492.9758	-1222.222	-171.0643	-11.05645	22.057456	2	DEEP
55	swa_0055	493.0952	-1222.222	-171.0632	-11.05645	21.957375	2	DEEP
56	swa_0056	491.5430	-1223.593	-171.0774	-11.06884	28.917097	2	DEEP
57	swa_0057	491.5430	-1221.013	-171.0774	-11.04552	25.999411	2	DEEP
58	swa_0058	492.6176	-1221.255	-171.0676	-11.04771	25.990397	2	DEEP
59	swa_0059	491.9012	-1223.351	-171.0742	-11.06666	20.070907	2	DEEP
60	swa_0060	491.6624	-1223.431	-171.0763	-11.06739	23.000000	2	DEEP
61	swa_0061	490.2296	-1222.625	-171.0895	-11.06009	21.075793	2	DEEP
62	swa_0062	490.4684	-1223.028	-171.0873	-11.06374	19.052644	2	DEEP
63	swa_0063	491.9012	-1221.013	-171.0741	-11.04552	25.992980	2	DEEP
64	swa_0064	492.9758	-1222.384	-171.0643	-11.05791	23.954729	2	DEEP
65	swa_0065	492.9758	-1221.658	-171.0643	-11.05135	29.967104	2	DEEP
66	swa_0066	491.5430	-1220.933	-171.0774	-11.04479	25.998235	2	DEEP
67	swa_0067	492.1400	-1220.933	-171.0720	-11.04479	22.663301	2	DEEP
68	swa_0068	492.4982	-1221.094	-171.0687	-11.04625	24.000000	2	DEEP
69	swa_0069	490.9460	-1223.351	-171.0829	-11.06665	22.983363	2	DEEP
70	swa_0070	491.0654	-1223.431	-171.0818	-11.06738	20.932323	2	DEEP
71	swa_0071	490.3490	-1221.255	-171.0884	-11.04770	18.013007	2	DEEP
72	swa_0072	491.5430	-1223.431	-171.0774	-11.06739	25.875200	2	DEEP
73	swa_0073	490.9460	-1223.431	-171.0829	-11.06738	20.000000	2	DEEP
74	swa_0074	490.3490	-1222.948	-171.0884	-11.06301	28.000000	2	DEEP
75	swa_0075	492.9758	-1221.739	-171.0643	-11.05208	23.981275	2	DEEP