	id	x	y	longitude	latitude	depth	strat	depth_bin
1	tut_0001	523.3140	−1579.578	−170.7838	−14.28790	4.0163154	1	SHAL
2	tut_0002	530.0073	−1579.170	−170.7218	−14.28415	3.4807321	1	SHAL
3	tut_0003	521.2161	−1580.088	−170.8033	−14.29253	2.4836118	2	SHAL
4	tut_0004	525.8115	−1588.146	−170.7606	−14.36535	3.8770358	3	SHAL
5	tut_0005	547.3899	−1579.578	−170.5606	−14.28760	4.0715876	4	SHAL
6	tut_0006	548.5887	−1578.660	−170.5495	−14.27928	5.7746373	5	SHAL
7	tut_0007	535.7016	−1577.742	−170.6690	−14.27117	0.8716791	6	SHAL
8	tut_0008	547.7895	−1578.558	−170.5569	−14.27837	2.7285186	7	SHAL
9	tut_0009	547.1901	−1577.130	−170.5625	−14.26547	4.2982612	7	SHAL
10	tut_0010	543.1941	−1579.068	−170.5995	−14.28305	4.9950140	8	SHAL
11	tut_0011	523.0143	−1587.126	−170.7866	−14.35615	5.1925204	9	SHAL
12	tut_0012	521.8155	−1584.882	−170.7977	−14.33587	4.3955771	9	SHAL
13	tut_0013	528.4089	−1579.272	−170.7366	−14.28509	14.5798375	10	MID
14	tut_0014	528.7086	−1578.966	−170.7338	−14.28232	17.3470762	10	MID
15	tut_0015	522.5148	−1579.782	−170.7912	−14.28975	16.8568534	10	MID
16	tut_0016	518.5188	−1581.618	−170.8283	−14.30638	13.1383285	10	MID
17	tut_0017	517.2201	−1582.944	−170.8403	−14.31838	8.1875907	10	MID
18	tut_0018	525.9114	−1579.782	−170.7598	−14.28972	8.4734405	10	MID
19	tut_0019	528.2091	−1587.738	−170.7384	−14.36164	11.2121209	11	MID
20	tut_0020	526.7106	−1587.738	−170.7523	−14.36165	13.0738766	12	MID
21	tut_0021	525.1122	−1587.840	−170.7671	−14.36259	10.3815673	13	MID
22	tut_0022	547.7895	−1580.394	−170.5569	−14.29497	15.8548426	14	MID
23	tut_0023	547.1901	−1579.680	−170.5625	−14.28852	16.7512742	14	MID
24	tut_0024	546.6906	−1580.700	−170.5671	−14.29775	15.7099355	14	MID
25	tut_0025	546.7905	−1580.700	−170.5662	−14.29775	16.0991103	14	MID
26	tut_0026	545.6916	−1581.108	−170.5763	−14.30146	15.4887721	14	MID
27	tut_0027	548.9883	−1578.864	−170.5458	−14.28111	16.6508191	15	MID
28	tut_0028	536.0013	−1578.966	−170.6662	−14.28223	13.1615535	16	MID
29	tut_0029	535.0023	−1577.640	−170.6755	−14.27026	6.6006946	16	MID
30	tut_0030	533.7003	−1573.968	−170.6691	−14.23705	17.9005514	17	MID
31	tut_0031	547.6896	−1576.110	−170.5579	−14.25623	13.2158897	17	MID
32	tut_0032	542.3949	−1576.008	−170.6070	−14.25540	12.1334332	17	MID
33	tut_0033	545.5917	−1574.988	−170.5774	−14.24613	7.0710965	17	MID
34	tut_0034	542.6946	−1575.906	−170.6042	−14.25447	6.7119105	17	MID
35	tut_0035	536.7006	−1574.886	−170.6598	−14.24533	17.8998986	17	MID
36	tut_0036	547.5897	−1576.110	−170.5588	−14.25624	11.5023115	17	MID
37	tut_0037	536.9004	−1575.498	−170.6579	−14.25087	11.9328655	17	MID
38	tut_0038	543.2940	−1575.804	−170.5987	−14.25354	13.9821638	17	MID
39	tut_0039	544.2930	−1576.314	−170.5894	−14.25814	8.9728354	17	MID
40	tut_0040	533.6037	−1575.600	−170.6885	−14.25183	8.3132402	17	MID
41	tut_0041	543.2940	−1579.374	−170.5986	−14.28582	14.7166804	18	MID
42	tut_0042	544.7925	−1578.456	−170.5847	−14.27749	11.3843881	18	MID
43	tut_0043	533.2041	−1581.822	−170.6921	−14.30809	15.8295941	18	MID
44	tut_0044	537.5997	−1582.740	−170.6513	−14.31634	13.4057532	18	MID
45	tut_0045	537.5997	−1582.434	−170.6513	−14.31357	17.8125143	18	MID
46	tut_0046	537.2001	−1582.638	−170.6551	−14.31542	11.4510233	18	MID
47	tut_0047	532.8045	−1583.148	−170.6958	−14.32009	11.4305133	18	MID
48	tut_0048	534.2031	−1581.108	−170.6829	−14.30162	8.8264760	18	MID
49	tut_0049	544.2930	−1578.762	−170.5893	−14.28027	16.5811929	18	MID
50	tut_0050	534.0033	−1581.210	−170.6847	−14.30255	7.7127268	18	MID
51	tut_0051	536.3010	−1580.088	−170.6634	−14.29237	14.6506074	18	MID
52	tut_0052	533.9034	−1581.312	−170.6856	−14.30347	12.4821782	18	MID
53	tut_0053	532.6047	−1584.474	−170.6976	−14.33208	12.8569078	18	MID
54	tut_0054	540.4968	−1581.006	−170.6245	−14.30062	17.6188583	18	MID
55	tut_0055	543.5937	−1581.516	−170.5958	−14.30518	16.1993087	18	MID
56	tut_0056	520.6167	−1584.372	−170.8088	−14.33127	13.8503913	19	MID
57	tut_0057	522.9144	−1586.718	−170.7875	−14.35246	12.4226058	19	MID
58	tut_0058	521.0163	−1584.984	−170.8051	−14.33680	10.9166088	19	MID
59	tut_0059	518.9184	−1584.474	−170.8246	−14.33221	13.2184601	19	MID
60	tut_0060	516.8205	−1583.556	−170.8440	−14.32392	9.7867351	19	MID
61	tut_0061	520.5168	−1578.966	−170.8098	−14.28239	26.9023566	20	DEEP
62	tut_0062	517.6197	−1582.026	−170.8366	−14.31008	27.9202652	20	DEEP
63	tut_0063	528.4089	−1578.864	−170.7366	−14.28140	27.7166807	20	DEEP
64	tut_0064	530.6067	−1577.130	−170.7163	−14.26570	18.6501823	20	DEEP
65	tut_0065	528.0093	−1579.374	−170.7403	−14.28602	28.2947450	20	DEEP
66	tut_0066	528.5088	−1578.762	−170.7357	−14.28048	28.6287188	20	DEEP
67	tut_0067	528.3090	−1579.170	−170.7375	−14.28417	28.6550139	20	DEEP
68	tut_0068	529.5078	−1578.762	−170.7264	−14.28047	27.6665315	20	DEEP
69	tut_0069	519.9174	−1578.660	−170.8153	−14.27963	26.8346165	20	DEEP
70	tut_0070	517.4199	−1582.638	−170.8385	−14.31561	25.4573787	20	DEEP
71	tut_0071	519.0183	−1581.006	−170.8237	−14.30085	19.3366942	20	DEEP
72	tut_0072	527.6097	−1588.146	−170.7439	−14.36533	23.0986708	21	DEEP
73	tut_0073	525.4119	−1587.942	−170.7643	−14.36351	25.9962434	22	DEEP
74	tut_0074	546.7905	−1581.006	−170.5662	−14.30052	28.7970242	23	DEEP
75	tut_0075	549.3879	−1579.578	−170.5421	−14.28756	26.8801259	23	DEEP
76	tut_0076	548.5887	−1580.190	−170.5495	−14.29311	28.1899163	23	DEEP
77	tut_0077	548.4888	−1580.190	−170.5504	−14.29311	25.1134820	23	DEEP
78	tut_0078	549.8874	−1579.170	−170.5375	−14.28386	21.5533101	24	DEEP
79	tut_0079	550.0872	−1578.864	−170.5356	−14.28109	24.2579581	24	DEEP
80	tut_0080	549.9873	−1578.762	−170.5366	−14.28017	22.8969911	24	DEEP
81	tut_0081	550.0872	−1578.660	−170.5356	−14.27925	23.0637351	24	DEEP
82	tut_0082	550.1871	−1578.660	−170.5347	−14.27925	27.1418810	24	DEEP
83	tut_0083	549.7875	−1578.252	−170.5384	−14.27556	23.4470955	24	DEEP
84	tut_0084	535.6017	−1577.946	−170.6699	−14.27302	20.0182899	25	DEEP
85	tut_0085	534.5028	−1578.150	−170.6801	−14.27856	22.4551352	25	DEEP
86	tut_0086	547.7895	−1575.906	−170.5570	−14.25439	26.8033740	26	DEEP
87	tut_0087	536.4009	−1574.886	−170.6626	−14.24534	28.5001110	26	DEEP
88	tut_0088	535.6017	−1573.356	−170.6700	−14.23152	21.7043211	26	DEEP
89	tut_0089	531.8055	−1576.518	−170.7051	−14.26015	20.3208844	26	DEEP
90	tut_0090	531.3060	−1576.518	−170.7098	−14.26016	24.9012737	26	DEEP
91	tut_0091	535.7016	−1574.784	−170.6690	−14.24443	21.5539749	26	DEEP
92	tut_0092	545.5917	−1574.784	−170.5774	−14.24428	27.7184226	26	DEEP
93	tut_0093	538.6986	−1575.192	−170.6413	−14.24807	22.3029182	26	DEEP
94	tut_0094	547.6896	−1576.722	−170.5579	−14.26177	19.2819527	26	DEEP
95	tut_0095	545.1921	−1574.988	−170.5811	−14.24521	23.9424731	26	DEEP
96	tut_0096	547.3899	−1574.988	−170.5607	−14.24610	21.3626541	26	DEEP
97	tut_0097	543.6936	−1575.600	−170.5950	−14.25169	24.3147197	26	DEEP
98	tut_0098	549.5877	−1574.640	−170.5403	−14.27004	28.8361746	26	DEEP
99	tut_0099	535.7016	−1574.274	−170.6691	−14.23981	19.8505281	26	DEEP
100	tut_0100	543.1941	−1581.108	−170.5995	−14.30150	28.1328712	27	DEEP
101	tut_0101	540.0972	−1580.394	−170.6282	−14.29509	22.6970142	27	DEEP
102	tut_0102	536.9004	−1582.536	−170.6578	−14.31450	28.9359365	27	DEEP
103	tut_0103	540.1971	−1579.272	−170.6245	−14.28494	27.1421492	27	DEEP
104	tut_0104	543.6936	−1579.170	−170.5949	−14.28397	18.2183713	27	DEEP
105	tut_0105	540.2970	−1580.394	−170.6264	−14.29509	23.7903312	27	DEEP
106	tut_0106	532.6047	−1583.556	−170.6976	−14.33300	18.0282562	27	DEEP
107	tut_0107	533.0043	−1583.964	−170.6939	−14.32746	18.8115654	27	DEEP
108	tut_0108	538.1991	−1581.108	−170.6458	−14.30157	27.8042298	27	DEEP
109	tut_0109	540.4968	−1580.190	−170.6245	−14.29324	24.2411764	27	DEEP
110	tut_0110	536.1012	−1583.352	−170.6652	−14.32189	27.7647065	27	DEEP
111	tut_0111	540.4968	−1580.292	−170.6245	−14.29416	18.6696067	27	DEEP
112	tut_0112	542.1951	−1578.660	−170.6088	−14.27938	27.4902880	27	DEEP
113	tut_0113	528.2091	−1588.146	−170.7384	−14.36533	21.7718340	27	DEEP
114	tut_0114	537.2001	−1582.536	−170.6551	−14.31450	20.6594311	27	DEEP
115	tut_0115	545.2920	−1578.558	−170.5801	−14.27841	22.4689386	27	DEEP
116	tut_0116	538.5987	−1582.128	−170.6421	−14.31079	23.2249020	27	DEEP
117	tut_0117	540.5967	−1580.292	−170.6236	−14.29416	24.1521175	27	DEEP
118	tut_0118	518.3190	−1584.576	−170.8301	−14.33313	26.9104784	28	DEEP
119	tut_0119	524.3130	−1588.758	−170.7745	−14.37090	29.2630893	28	DEEP
120	tut_0120	520.0173	−1584.576	−170.8144	−14.33312	22.1020092	28	DEEP
121	tut_0121	522.8145	−1587.228	−170.7884	−14.35708	26.2077804	28	DEEP
122	tut_0122	520.7166	−1587.534	−170.8079	−14.35986	28.2518395	28	DEEP
123	tut_0123	525.6117	−1589.064	−170.7624	−14.37365	26.9451248	28	DEEP
124	tut_0124	517.1202	−1584.066	−170.8412	−14.32853	20.6240493	28	DEEP