

		id	x	y	longitude	latitude	depth	strat	depth_bin
1	tut_0001	518.9184	-1581.210	-170.8246	-14.30269	5.544800	1	SHAL	
2	tut_0002	529.9074	-1578.456	-170.7227	-14.27770	5.942204	1	SHAL	
3	tut_0003	530.0073	-1579.374	-170.7218	-14.28599	5.102719	1	SHAL	
4	tut_0004	530.6067	-1577.334	-170.7162	-14.26754	2.467154	1	SHAL	
5	tut_0005	534.2031	-1574.988	-170.6829	-14.24629	4.274216	2	SHAL	
6	tut_0006	524.4129	-1580.190	-170.7736	-14.29343	1.746968	2	SHAL	
7	tut_0007	525.6117	-1587.840	-170.7625	-14.36259	5.746875	3	SHAL	
8	tut_0008	547.4898	-1579.782	-170.5597	-14.28944	4.850365	4	SHAL	
9	tut_0009	548.5887	-1578.660	-170.5495	-14.27928	5.774637	5	SHAL	
10	tut_0010	535.9014	-1577.946	-170.6672	-14.27301	1.775291	6	SHAL	
11	tut_0011	537.9993	-1576.008	-170.6477	-14.25546	4.067372	7	SHAL	
12	tut_0012	547.0902	-1579.374	-170.5634	-14.28576	5.841994	7	SHAL	
13	tut_0013	547.7895	-1578.456	-170.5569	-14.27744	5.902416	7	SHAL	
14	tut_0014	546.4908	-1577.946	-170.5690	-14.27286	4.885610	8	SHAL	
15	tut_0015	522.7146	-1585.392	-170.7893	-14.34048	4.962767	9	SHAL	
16	tut_0016	518.3190	-1584.168	-170.8301	-14.32944	3.164739	9	SHAL	
17	tut_0017	522.5148	-1584.882	-170.7912	-14.33587	3.054601	9	SHAL	
18	tut_0018	528.0093	-1579.680	-170.7403	-14.28878	13.392539	10	MID	
19	tut_0019	529.9074	-1579.068	-170.7227	-14.28323	7.748931	10	MID	
20	tut_0020	528.8085	-1578.762	-170.7329	-14.28047	14.187681	10	MID	
21	tut_0021	530.4069	-1577.436	-170.7181	-14.26847	15.737873	10	MID	
22	tut_0022	518.7186	-1581.312	-170.8264	-14.30362	12.891600	10	MID	
23	tut_0023	529.5078	-1579.170	-170.7264	-14.28416	11.805596	10	MID	
24	tut_0024	528.9084	-1578.762	-170.7320	-14.28047	11.642391	10	MID	
25	tut_0025	518.8185	-1581.312	-170.8255	-14.30362	8.791161	10	MID	
26	tut_0026	530.1072	-1577.742	-170.7209	-14.27124	12.493837	10	MID	
27	tut_0027	528.1092	-1579.578	-170.7394	-14.28786	8.578036	11	MID	
28	tut_0028	533.6037	-1578.456	-170.6885	-14.27765	6.214722	11	MID	
29	tut_0029	526.6107	-1587.840	-170.7532	-14.36258	9.675401	12	MID	
30	tut_0030	525.5118	-1588.248	-170.7634	-14.36628	17.584402	13	MID	
31	tut_0031	546.0912	-1580.802	-170.5726	-14.29868	15.995040	14	MID	
32	tut_0032	547.3899	-1580.292	-170.5606	-14.29405	14.171840	14	MID	
33	tut_0033	545.6916	-1581.210	-170.5763	-14.30238	17.498646	14	MID	
34	tut_0034	546.8904	-1580.496	-170.5652	-14.29590	16.102404	14	MID	
35	tut_0035	547.4898	-1580.394	-170.5597	-14.29497	14.444853	14	MID	
36	tut_0036	548.3889	-1579.986	-170.5513	-14.29127	16.351222	14	MID	
37	tut_0037	547.6896	-1580.088	-170.5578	-14.29220	9.676430	14	MID	
38	tut_0038	549.0882	-1579.170	-170.5449	-14.28388	17.473137	15	MID	
39	tut_0039	549.0882	-1579.272	-170.5449	-14.28480	17.018340	15	MID	
40	tut_0040	536.7016	-1578.048	-170.6690	-14.27394	16.995875	16	MID	
41	tut_0041	534.8025	-1577.538	-170.6773	-14.26934	6.443109	16	MID	
42	tut_0042	536.0013	-1578.966	-170.6662	-14.28223	13.161553	16	MID	
43	tut_0043	542.9943	-1575.906	-170.6014	-14.25447	8.807995	17	MID	
44	tut_0044	542.3949	-1575.906	-170.6070	-14.25448	17.306510	17	MID	
45	tut_0045	534.1032	-1574.988	-170.6839	-14.24629	12.939010	17	MID	
46	tut_0046	547.2900	-1577.538	-170.5616	-14.26915	15.947252	17	MID	
47	tut_0047	540.9963	-1576.008	-170.6200	-14.25542	10.076303	17	MID	
48	tut_0048	545.4918	-1574.988	-170.5783	-14.24613	13.183913	17	MID	
49	tut_0049	543.4938	-1575.906	-170.5968	-14.25446	8.517314	17	MID	
50	tut_0050	547.4898	-1576.722	-170.5597	-14.26177	11.401990	17	MID	
51	tut_0051	545.2920	-1575.090	-170.5801	-14.24705	12.317082	17	MID	
52	tut_0052	536.7006	-1574.988	-170.6598	-14.24626	12.912552	17	MID	
53	tut_0053	536.7006	-1575.090	-170.6598	-14.24718	13.345615	17	MID	
54	tut_0054	534.7026	-1574.682	-170.6783	-14.24352	8.054584	17	MID	
55	tut_0055	532.8045	-1575.600	-170.6959	-14.25184	13.657591	17	MID	
56	tut_0056	543.3939	-1575.804	-170.5977	-14.25354	13.884130	17	MID	
57	tut_0057	536.5008	-1574.988	-170.6616	-14.24626	10.497238	17	MID	
58	tut_0058	535.4019	-1575.294	-170.6718	-14.24904	15.568083	17	MID	
59	tut_0059	532.0053	-1576.110	-170.7033	-14.25646	12.311686	17	MID	
60	tut_0060	540.9963	-1580.904	-170.6199	-14.29969	15.614944	18	MID	
61	tut_0061	528.6087	-1587.432	-170.7347	-14.35887	16.411909	18	MID	
62	tut_0062	533.7036	-1581.210	-170.6875	-14.30255	7.894837	18	MID	
63	tut_0063	543.1941	-1579.170	-170.5995	-14.28398	12.769118	18	MID	
64	tut_0064	532.6047	-1584.474	-170.6976	-14.33208	12.856908	18	MID	
65	tut_0065	537.7995	-1582.536	-170.6495	-14.31449	13.169326	18	MID	
66	tut_0066	536.9004	-1582.740	-170.6578	-14.31635	12.511542	18	MID	
67	tut_0067	546.4908	-1578.048	-170.5690	-14.27378	15.009240	18	MID	
68	tut_0068	538.0992	-1582.536	-170.6467	-14.31448	16.617303	18	MID	
69	tut_0069	538.7985	-1581.720	-170.6402	-14.30710	14.502751	18	MID	
70	tut_0070	536.9004	-1582.944	-170.6578	-14.31819	15.169607	18	MID	
71	tut_0071	545.5917	-1581.210	-170.5773	-14.30238	16.564890	18	MID	
72	tut_0072	531.8055	-1584.882	-170.7050	-14.33578	11.747086	18	MID	
73	tut_0073	529.9074	-1586.106	-170.7226	-14.34686	11.176348	18	MID	
74	tut_0074	536.8005	-1582.842	-170.6588	-14.31727	12.221017	18	MID	
75	tut_0075	533.1042	-1582.944	-170.6930	-14.31824	17.259832	18	MID	
76	tut_0076	537.6996	-1579.884	-170.6505	-14.29051	12.221055	18	MID	
77	tut_0077	533.1042	-1582.332	-170.6930	-14.31270	14.072213	18	MID	
78	tut_0078	529.1082	-1586.718	-170.7300	-14.35241	12.814857	18	MID	
79	tut_0079	532.9044	-1583.760	-170.6949	-14.32562	14.709123	18	MID	
80	tut_0080	543.2940	-1581.414	-170.5986	-14.30426	15.682957	18	MID	
81	tut_0081	531.0063	-1584.984	-170.7125	-14.33671	10.116590	18	MID	
82	tut_0082	545.3919	-1581.108	-170.5791	-14.30146	15.458568	18	MID	
83	tut_0083	518.1192	-1584.066	-170.8320	-14.32852	12.406188	19	MID	
84	tut_0084	522.9144	-1586.616	-170.7875	-14.35154	11.380698	19	MID	
85	tut_0085	524.8125	-1588.044	-170.7699	-14.36444	8.549734	19	MID	
86	tut_0086	521.6157	-1584.882	-170.7995	-14.33587	8.663729	19	MID	
87	tut_0087	522.7146	-1586.004	-170.7893	-14.34601	11.246497	19	MID	
88	tut_0088	517.3200	-1583.760	-170.8394	-14.32576	6.200577	19	MID	
89	tut_0089	520.6167	-1584.168	-170.8088	-14.32943	9.328348	19	MID	
90	tut_0090	524.7126	-1587.942	-170.7708	-14.36352	11.115352	19	MID	
91	tut_0091	529.8075	-1577.946	-170.7237	-14.27308	27.102990	20	DEEP	
92	tut_0092	527.7096	-1579.476	-170.7431	-14.28694	29.421802	20	DEEP	
93	tut_0093	528.5088	-1578.150	-170.7357	-14.27494	28.648990	20	DEEP	
94	tut_0094	516.3210	-1583.250	-170.8487	-14.32115	28.050746	20	DEEP	
95	tut_0095	527.8095	-1579.374	-170.7422	-14.28602	29.756495	20	DEEP	
96	tut_0096	518.7186	-1581.108	-170.8264	-14.30177	23.792358	20	DEEP	
97	tut_0097	521.9154	-1579.680	-170.7968	-14.28884	25.190772	20	DEEP	
98	tut_0098	529.2081	-1578.864	-170.7292	-14.28139	28.304709	20	DEEP	
99	tut_0099	520.4169	-1580.190	-170.8107	-14.29346	27.963515	20	DEEP	
100	tut_0100	520.3170	-1579.170	-170.8116	-14.28424	27.643964	20	DEEP	
101	tut_0101	520.1172	-1580.700	-170.8135	-14.29807	23.061954	20	DEEP	
102	tut_0102	529.5078	-1578.762	-170.7264	-14.28047	27.666532	20	DEEP	
103	tut_0103	527.2101	-1579.680	-170.7477	-14.28879	29.869066	20	DEEP	
104	tut_0104	518.6187	-1581.108	-170.8274	-14.30177	29.674911	20	DEEP	
105	tut_0105	528.0093	-1579.476	-170.7403	-14.28694	19.792060	20	DEEP	
106	tut_0106	530.5068	-1577.232	-170.7172	-14.26662	21.928225	20	DEEP	
107	tut_0107	527.6097	-1588.146	-170.7439	-14.36533	23.098671	21	DEEP	
108	tut_0108	525.5118	-1588.044	-170.7634	-14.36443	23.046476	22	DEEP	
109	tut_0109	549.8874	-1579.476	-170.5375	-14.28663	26.079202	23	DEEP	
110	tut_0110	546.1911	-1581.108	-170.5717	-14.30145	20.819984	23	DEEP	
111	tut_0111	549.2880	-1579.782	-170.5430	-14.28941	28.941400	23	DEEP	
112	tut_0112	548.0892	-1580.394	-170.5541	-14.29496	25.699939	23	DEEP	
113	tut_0113	549.0882	-1579.782	-170.5449	-14.28941	26.894270	23	DEEP	
114	tut_0114	547.0902	-1579.680	-170.5634	-14.28852	20.144221	23	DEEP	
115	tut_0115	545.8914	-1580.802	-170.5745	-14.29869	18.887399	23	DEEP	
116	tut_0116	549.9873	-1579.170	-170.5365	-14.28386	22.248625	24	DEEP	
117	tut_0117	549.2880	-1579.374	-170.5430	-14.28572	23.872172	24	DEEP	
118	tut_0118	548.6886	-1578.150	-170.5486	-14.27466	23.654658	24	DEEP	
119	tut_0119	549.5877	-1578.660	-170.5403	-14.27926	21.285009	24	DEEP	
120	tut_0120	549.4878	-1579.374	-170.5412	-14.28571	27.865669	24	DEEP	
121	tut_0121	552.3849	-1578.660	-170.5143	-14.27921	29.446653	24	DEEP	
122	tut_0122	549.2880	-1578.252	-170.5430	-14				