

	id	x	y	longitude	latitude	depth	strat	depth_bin
1	tut_0001	524.5128	-1580.088	-170.7727	-14.29250	1.9770934	1	SHAL
2	tut_0002	529.7076	-1579.476	-170.7246	-14.28692	2.6219763	1	SHAL
3	tut_0003	518.9184	-1581.210	-170.8246	-14.30269	5.5448003	1	SHAL
4	tut_0004	526.8105	-1580.190	-170.7514	-14.29341	5.7744817	1	SHAL
5	tut_0005	527.0103	-1580.088	-170.7496	-14.29248	5.8005022	1	SHAL
6	tut_0006	520.6167	-1580.190	-170.8088	-14.29346	5.2805981	1	SHAL
7	tut_0007	516.7206	-1583.352	-170.8449	-14.32207	4.3940001	2	SHAL
8	tut_0008	520.8165	-1580.190	-170.8070	-14.29346	2.1666042	2	SHAL
9	tut_0009	529.9074	-1578.660	-170.7227	-14.27954	5.5796277	2	SHAL
10	tut_0010	535.0023	-1577.436	-170.6755	-14.26841	0.2244828	2	SHAL
11	tut_0011	525.8115	-1588.146	-170.7606	-14.36535	3.8770358	3	SHAL
12	tut_0012	547.1901	-1579.476	-170.5625	-14.28668	3.5069712	4	SHAL
13	tut_0013	548.5887	-1578.660	-170.5495	-14.27928	5.7746373	5	SHAL
14	tut_0014	536.1012	-1578.048	-170.6653	-14.27393	3.0093690	6	SHAL
15	tut_0015	547.1901	-1576.008	-170.5625	-14.25532	4.4422712	7	SHAL
16	tut_0016	548.2890	-1578.456	-170.5523	-14.27744	3.6296170	7	SHAL
17	tut_0017	543.5937	-1576.008	-170.5959	-14.25538	4.4860509	7	SHAL
18	tut_0018	547.5897	-1576.314	-170.5588	-14.25808	5.7682275	7	SHAL
19	tut_0019	536.7006	-1579.884	-170.6597	-14.29052	3.5271173	8	SHAL
20	tut_0020	536.4009	-1579.986	-170.6625	-14.29145	4.5025308	8	SHAL
21	tut_0021	520.7166	-1584.270	-170.8079	-14.33035	4.2011944	9	SHAL
22	tut_0022	517.4199	-1583.760	-170.8385	-14.32576	4.3956401	9	SHAL
23	tut_0023	517.7196	-1583.862	-170.8357	-14.32668	5.2381003	9	SHAL
24	tut_0024	523.8135	-1587.534	-170.7791	-14.35983	2.7264334	9	SHAL
25	tut_0025	518.2191	-1584.066	-170.8310	-14.32852	4.2002745	9	SHAL
26	tut_0026	525.0123	-1578.456	-170.7681	-14.28881	11.8908867	10	MID
27	tut_0027	529.9074	-1577.946	-170.7227	-14.27308	15.9768042	10	MID
28	tut_0028	524.0133	-1579.986	-170.7774	-14.29159	15.2708494	10	MID
29	tut_0029	528.8085	-1579.068	-170.7329	-14.28324	7.5642120	10	MID
30	tut_0030	528.5088	-1579.170	-170.7357	-14.28417	14.4201048	10	MID
31	tut_0031	518.8185	-1581.414	-170.8255	-14.30455	6.0263867	10	MID
32	tut_0032	527.8095	-1579.884	-170.7422	-14.29063	6.7360099	10	MID
33	tut_0033	518.8185	-1581.108	-170.8255	-14.30177	15.1475577	10	MID
34	tut_0034	524.2131	-1579.986	-170.7755	-14.29158	6.8450968	10	MID
35	tut_0035	521.4159	-1579.986	-170.8014	-14.29161	9.4558933	10	MID
36	tut_0036	516.5208	-1583.148	-170.8468	-14.32023	14.5848856	10	MID
37	tut_0037	524.1132	-1579.986	-170.7764	-14.29159	9.4041551	10	MID
38	tut_0038	517.5198	-1582.434	-170.8375	-14.31377	13.5916401	10	MID
39	tut_0039	529.7076	-1579.374	-170.7246	-14.28600	6.4062375	10	MID
40	tut_0040	528.0093	-1579.680	-170.7403	-14.28878	13.3925392	10	MID
41	tut_0041	530.0073	-1578.048	-170.7218	-14.27401	6.3020648	11	MID
42	tut_0042	529.2081	-1586.514	-170.7291	-14.35056	10.8776708	11	MID
43	tut_0043	529.9074	-1578.048	-170.7227	-14.27401	9.1080137	11	MID
44	tut_0044	526.7106	-1587.738	-170.7523	-14.36165	13.0738766	12	MID
45	tut_0045	525.6117	-1588.146	-170.7625	-14.36535	12.6778782	13	MID
46	tut_0046	525.0123	-1588.044	-170.7680	-14.36444	17.2952747	13	MID
47	tut_0047	547.1901	-1579.578	-170.5625	-14.28760	6.2366089	14	MID
48	tut_0048	546.6906	-1580.496	-170.5671	-14.29591	17.3125386	14	MID
49	tut_0049	547.9893	-1579.884	-170.5551	-14.29035	11.9553810	14	MID
50	tut_0050	546.6906	-1580.700	-170.5671	-14.29775	15.7099358	14	MID
51	tut_0051	547.8894	-1579.884	-170.5560	-14.29035	6.9945088	14	MID
52	tut_0052	547.9893	-1580.088	-170.5551	-14.29220	14.1670629	14	MID
53	tut_0053	547.8894	-1579.986	-170.5560	-14.29128	11.1522547	14	MID
54	tut_0054	546.1911	-1580.802	-170.5717	-14.29868	16.8806989	14	MID
55	tut_0055	547.4898	-1580.496	-170.5597	-14.29589	15.6589674	14	MID
56	tut_0056	546.7905	-1580.802	-170.5662	-14.29867	16.6428857	14	MID
57	tut_0057	546.0912	-1580.802	-170.5726	-14.29868	15.9950401	14	MID
58	tut_0058	548.6886	-1578.354	-170.5486	-14.27651	15.1026463	15	MID
59	tut_0059	548.9883	-1578.456	-170.5458	-14.27742	16.4688308	15	MID
60	tut_0060	548.8884	-1578.456	-170.5467	-14.27743	15.6709376	15	MID
61	tut_0061	533.1042	-1578.048	-170.6931	-14.27397	16.4903210	16	MID
62	tut_0062	535.1022	-1579.170	-170.6745	-14.28409	6.9716020	16	MID
63	tut_0063	533.5038	-1578.354	-170.6894	-14.27673	17.7750642	16	MID
64	tut_0064	535.0023	-1579.068	-170.6755	-14.28317	8.5059492	16	MID
65	tut_0065	547.2900	-1577.028	-170.5616	-14.26454	12.3537166	17	MID
66	tut_0066	547.2900	-1576.008	-170.5616	-14.25532	9.5352415	17	MID
67	tut_0067	547.1901	-1575.192	-170.5625	-14.24794	10.3537576	17	MID
68	tut_0068	547.4898	-1576.620	-170.5597	-14.26085	8.8791740	17	MID
69	tut_0069	547.5897	-1576.620	-170.5588	-14.26085	12.1193690	17	MID
70	tut_0070	535.4019	-1573.968	-170.6718	-14.23705	11.3012776	17	MID
71	tut_0071	537.9993	-1575.906	-170.6477	-14.25454	11.8515420	17	MID
72	tut_0072	547.3899	-1576.722	-170.5607	-14.26177	7.3228081	17	MID
73	tut_0073	532.9044	-1575.498	-170.6950	-14.25092	10.4343073	17	MID
74	tut_0074	535.7016	-1573.968	-170.6691	-14.23705	17.9005514	17	MID
75	tut_0075	536.7006	-1574.886	-170.6598	-14.24533	17.8998986	17	MID
76	tut_0076	542.3949	-1576.008	-170.6070	-14.25540	12.1334332	17	MID
77	tut_0077	541.9953	-1575.804	-170.6107	-14.25356	10.8282669	17	MID
78	tut_0078	540.3969	-1576.008	-170.6255	-14.25443	15.4393642	17	MID
79	tut_0079	536.7006	-1574.784	-170.6598	-14.24441	17.2999788	17	MID
80	tut_0080	538.1991	-1575.498	-170.6459	-14.25085	11.3939252	17	MID
81	tut_0081	539.5977	-1575.192	-170.6329	-14.24806	16.8166388	17	MID
82	tut_0082	547.2900	-1577.538	-170.5616	-14.26915	15.9472523	17	MID
83	tut_0083	543.6936	-1575.804	-170.5949	-14.25353	16.843729	17	MID
84	tut_0084	538.1991	-1575.804	-170.6459	-14.25361	11.0920538	17	MID
85	tut_0085	540.5967	-1575.600	-170.6237	-14.25174	10.2872445	17	MID
86	tut_0086	547.6896	-1576.314	-170.5579	-14.25808	11.6599477	17	MID
87	tut_0087	546.3909	-1574.988	-170.5700	-14.24611	17.8771455	17	MID
88	tut_0088	538.1991	-1575.702	-170.6459	-14.25269	12.1709134	17	MID
89	tut_0089	535.6017	-1574.172	-170.6700	-14.23889	11.2011023	17	MID
90	tut_0090	544.4928	-1576.110	-170.5875	-14.25629	11.9407092	17	MID
91	tut_0091	540.4968	-1575.008	-170.6246	-14.25542	17.2498745	17	MID
92	tut_0092	540.0972	-1575.906	-170.6283	-14.25451	10.5978410	17	MID
93	tut_0093	532.5048	-1575.702	-170.6987	-14.25277	10.4748412	17	MID
94	tut_0094	533.4039	-1581.822	-170.6903	-14.30809	17.7804094	18	MID
95	tut_0095	538.2990	-1581.924	-170.6449	-14.30895	14.6775844	18	MID
96	tut_0096	530.2071	-1585.800	-170.7199	-14.34409	13.4454923	18	MID
97	tut_0097	543.6936	-1578.966	-170.5949	-14.28212	16.2657555	18	MID
98	tut_0098	536.0013	-1583.250	-170.6662	-14.32097	16.2438615	18	MID
99	tut_0099	535.1022	-1580.496	-170.6745	-14.29608	11.2304802	18	MID
100	tut_0100	530.2071	-1585.698	-170.7199	-14.34317	13.4140854	18	MID
101	tut_0101	537.5997	-1582.740	-170.6513	-14.31634	13.4057532	18	MID
102	tut_0102	535.0023	-1580.088	-170.6755	-14.29239	13.2835038	18	MID
103	tut_0103	536.9004	-1582.842	-170.6578	-14.31727	12.0251266	18	MID
104	tut_0104	543.0092	-1579.170	-170.6005	-14.28398	10.8126466	18	MID
105	tut_0105	536.1012	-1579.578	-170.6653	-14.28777	15.8528644	18	MID
106	tut_0106	540.3969	-1579.068	-170.6255	-14.28310	10.6010080	18	MID
107	tut_0107	543.1941	-1581.414	-170.5995	-14.30426	15.9959306	18	MID
108	tut_0108	546.0912	-1577.946	-170.5727	-14.27286	10.8242585	18	MID
109	tut_0109	543.7935	-1581.516	-170.5939	-14.30518	17.7421733	18	MID
110	tut_0110	537.2001	-1582.740	-170.6550	-14.31634	10.7308980	18	MID
111	tut_0111	528.9084	-1587.228	-170.7319	-14.35702	15.8707842	18	MID
112	tut_0112	537.1002	-1582.944	-170.6560	-14.31819	17.6494482	18	MID
113	tut_0113	533.3040	-1581.822	-170.6912	-14.30809	15.6552328	18	MID
114	tut_0114	537.3999	-1582.842	-170.6532	-14.31726	16.4006974	18	MID
115	tut_0115	537.3999	-1580.088	-170.6532	-14.29236	10.4456162	18	MID
116	tut_0116	537.3999	-1582.128	-170.6439	-14.31079	13.5187415	18	MID
117	tut_0117	538.3080	-1580.088	-170.6542	-14.29236	8.7677390	18	MID
118	tut_0118	533.8035	-1581.210	-170.6866	-14.30255	7.3147256	18	MID
119	tut_0119	537.7995	-1582.536	-170.6495	-14.31449	13.1693261	18	MID
120	tut_0120	543.2940	-1579.068	-170.5986	-14.28305	8.6182372	18	MID
121	tut_0121	534.5028	-1581.108	-170.6801	-14.30162	16.2011075	18</	