

	id	x	y	longitude	latitude	depth	strat	depth_bin
1	tin_0001	356.05	1648.185	145.6617	14.90440	16.58818	1	MID
2	tin_0002	350.15	1657.085	145.6064	14.98452	16.39518	1	MID
3	tin_0003	356.95	1647.985	145.6701	14.90264	14.70961	1	MID
4	tin_0004	354.65	1651.185	145.6485	14.93144	17.68755	1	MID
5	tin_0005	354.75	1651.285	145.6495	14.93235	17.14671	1	MID
6	tin_0006	356.05	1647.685	145.6618	14.89988	15.24113	1	MID
7	tin_0007	354.85	1651.485	145.6504	14.93417	14.91370	1	MID
8	tin_0008	355.05	1662.585	145.6516	15.03451	17.76447	1	MID
9	tin_0009	357.35	1648.485	145.6738	14.90718	16.29505	1	MID
10	tin_0010	350.05	1657.185	145.6054	14.98542	17.63601	1	MID
11	tin_0011	356.65	1660.685	145.6666	15.01742	17.71700	1	MID
12	tin_0012	356.25	1647.785	145.6636	14.90080	15.65803	1	MID
13	tin_0013	355.75	1664.785	145.6580	15.05443	17.59475	1	MID
14	tin_0014	356.35	1647.885	145.6645	14.90171	15.08556	1	MID
15	tin_0015	357.25	1648.585	145.6729	14.90808	13.24355	1	MID
16	tin_0016	350.65	1655.885	145.6111	14.97370	12.34280	1	MID
17	tin_0017	357.35	1648.385	145.6738	14.90628	17.99274	1	MID
18	tin_0018	356.35	1647.985	145.6645	14.90261	12.86715	1	MID
19	tin_0019	356.85	1648.485	145.6691	14.90716	13.57962	1	MID
20	tin_0020	357.35	1648.585	145.6738	14.90809	14.56115	1	MID
21	tin_0021	355.75	1647.885	145.6590	14.90167	14.57445	1	MID
22	tin_0022	352.05	1653.485	145.6242	14.95209	15.11778	1	MID
23	tin_0023	356.25	1647.685	145.6636	14.89989	16.55907	1	MID
24	tin_0024	351.25	1654.285	145.6168	14.95927	15.79255	1	MID
25	tin_0025	356.45	1648.185	145.6654	14.90442	13.28398	1	MID
26	tin_0026	357.25	1648.685	145.6728	14.90899	14.03002	1	MID
27	tin_0027	354.85	1669.585	145.6494	15.09777	15.44052	1	MID
28	tin_0028	355.55	1647.985	145.6571	14.90257	16.14013	1	MID
29	tin_0029	356.35	1647.785	145.6645	14.90080	15.57402	1	MID
30	tin_0030	351.75	1653.785	145.6214	14.95478	16.25210	1	MID
31	tin_0031	354.85	1663.085	145.6497	15.03901	14.96769	1	MID
32	tin_0032	352.05	1653.385	145.6242	14.95118	16.36179	1	MID
33	tin_0033	351.45	1654.085	145.6186	14.95748	16.13606	1	MID
34	tin_0034	355.15	1662.185	145.6526	15.03090	17.92716	1	MID
35	tin_0035	351.25	1654.385	145.6167	14.96018	11.82104	1	MID
36	tin_0036	351.75	1653.885	145.6214	14.95569	15.04740	1	MID
37	tin_0037	356.65	1648.085	145.6673	14.90353	16.28930	1	MID
38	tin_0038	356.65	1647.785	145.6673	14.90082	17.13638	1	MID
39	tin_0039	354.35	1650.585	145.6458	14.92600	17.77595	1	MID
40	tin_0040	352.15	1653.285	145.6252	14.95029	16.78369	1	MID
41	tin_0041	350.55	1655.885	145.6102	14.97370	15.45414	1	MID
42	tin_0042	350.65	1656.285	145.6111	14.97732	13.14135	1	MID
43	tin_0043	356.55	1648.285	145.6664	14.90533	12.90678	1	MID
44	tin_0044	351.15	1654.385	145.6158	14.96017	14.76233	1	MID
45	tin_0045	350.05	1656.885	145.6054	14.98271	22.51511	2	DEEP
46	tin_0046	351.35	1653.985	145.6177	14.95657	21.69559	2	DEEP
47	tin_0047	355.85	1661.185	145.6591	15.02190	24.67335	2	DEEP
48	tin_0048	351.95	1653.385	145.6233	14.95118	18.94078	2	DEEP
49	tin_0049	352.75	1650.285	145.6309	14.92320	28.85265	2	DEEP
50	tin_0050	354.05	1650.185	145.6430	14.92237	25.20057	2	DEEP
51	tin_0051	355.85	1667.385	145.6588	15.07794	22.02228	2	DEEP
52	tin_0052	355.25	1664.185	145.6534	15.04898	23.70447	2	DEEP
53	tin_0053	355.25	1669.185	145.6531	15.09417	24.68462	2	DEEP
54	tin_0054	350.65	1654.385	145.6112	14.96014	28.67156	2	DEEP
55	tin_0055	357.45	1659.085	145.6741	15.00300	23.78058	2	DEEP
56	tin_0056	356.35	1660.885	145.6638	15.01921	22.75651	2	DEEP
57	tin_0057	347.85	1658.785	145.5849	14.99975	29.20307	2	DEEP
58	tin_0058	357.15	1648.885	145.6719	14.91079	26.03566	2	DEEP
59	tin_0059	351.55	1653.385	145.6196	14.95116	28.90399	2	DEEP
60	tin_0060	347.75	1659.785	145.5839	15.00879	26.26786	2	DEEP
61	tin_0061	355.85	1665.385	145.6589	15.05986	20.89928	2	DEEP
62	tin_0062	347.75	1661.985	145.5838	15.02867	28.75909	2	DEEP
63	tin_0063	352.65	1650.485	145.6300	14.92500	27.65363	2	DEEP
64	tin_0064	351.25	1667.285	145.6160	15.07677	19.62699	2	DEEP
65	tin_0065	348.05	1662.485	145.5865	15.03321	23.48776	2	DEEP
66	tin_0066	347.95	1662.385	145.5856	15.03230	24.85199	2	DEEP
67	tin_0067	349.15	1664.385	145.5966	15.05044	28.78051	2	DEEP
68	tin_0068	357.25	1648.085	145.6729	14.90356	26.58545	2	DEEP
69	tin_0069	354.85	1669.685	145.6493	15.09867	22.65231	2	DEEP
70	tin_0070	355.95	1647.385	145.6608	14.89717	23.75579	2	DEEP
71	tin_0071	350.15	1655.685	145.6064	14.97187	28.93370	2	DEEP
72	tin_0072	349.05	1664.585	145.5957	15.05224	27.38635	2	DEEP
73	tin_0073	356.75	1648.785	145.6682	14.90986	26.74871	2	DEEP
74	tin_0074	349.45	1665.185	145.5994	15.05769	27.87904	2	DEEP
75	tin_0075	354.05	1670.285	145.6419	15.10405	29.39274	2	DEEP
76	tin_0076	355.45	1668.985	145.6550	15.09238	25.27416	2	DEEP
77	tin_0077	355.95	1648.385	145.6608	14.90620	22.96143	2	DEEP
78	tin_0078	350.65	1666.785	145.6104	15.07222	25.95093	2	DEEP
79	tin_0079	352.55	1651.885	145.6290	14.93765	23.60928	2	DEEP
80	tin_0080	356.75	1653.285	145.6679	14.95054	23.33475	2	DEEP
81	tin_0081	357.25	1659.885	145.6722	15.01022	25.91837	2	DEEP
82	tin_0082	354.25	1670.085	145.6437	15.10225	23.58638	2	DEEP
83	tin_0083	354.95	1669.685	145.6503	15.09867	27.27197	2	DEEP
84	tin_0084	357.35	1658.585	145.6732	14.99848	28.05325	2	DEEP
85	tin_0085	356.25	1654.085	145.6633	14.95774	26.96679	2	DEEP
86	tin_0086	352.65	1650.585	145.6300	14.92591	25.19371	2	DEEP
87	tin_0087	349.05	1664.785	145.5957	15.05405	28.39212	2	DEEP
88	tin_0088	348.95	1664.085	145.5948	15.04772	26.12531	2	DEEP
89	tin_0089	355.75	1661.185	145.6582	15.02189	22.14746	2	DEEP
90	tin_0090	349.35	1657.585	145.5989	14.98899	19.11111	2	DEEP
91	tin_0091	355.75	1648.385	145.6589	14.90619	28.29517	2	DEEP
92	tin_0092	350.35	1666.285	145.6077	15.06768	27.48578	2	DEEP
93	tin_0093	352.85	1668.685	145.6308	15.08952	27.08212	2	DEEP
94	tin_0094	347.75	1662.085	145.5838	15.02957	29.50450	2	DEEP
95	tin_0095	347.85	1659.585	145.5848	15.00698	23.01400	2	DEEP
96	tin_0096	357.55	1659.085	145.6751	15.00301	27.88951	2	DEEP
97	tin_0097	347.75	1658.485	145.5840	14.99704	27.10618	2	DEEP
98	tin_0098	349.75	1657.385	145.6026	14.98721	20.69222	2	DEEP
99	tin_0099	351.05	1654.285	145.6149	14.95926	20.50202	2	DEEP
100	tin_0100	356.25	1654.985	145.6632	14.96588	27.85605	2	DEEP
101	tin_0101	357.05	1648.785	145.6710	14.90988	21.70593	2	DEEP
102	tin_0102	351.75	1653.085	145.6215	14.94845	29.22814	2	DEEP
103	tin_0103	356.85	1656.385	145.6687	14.97856	29.59124	2	DEEP
104	tin_0104	355.05	1669.585	145.6512	15.09778	26.63227	2	DEEP
105	tin_0105	355.55	1647.485	145.6571	14.89805	20.96462	2	DEEP
106	tin_0106	356.35	1648.485	145.6645	14.90713	22.74574	2	DEEP
107	tin_0107	354.75	1669.685	145.6484	15.09866	20.31349	2	DEEP
108	tin_0108	354.65	1650.585	145.6486	14.92602	29.59250	2	DEEP
109	tin_0109	349.05	1664.985	145.5957	15.05586	28.86062	2	DEEP
110	tin_0110	352.35	1652.585	145.6271	14.94397	26.02539	2	DEEP
111	tin_0111	354.45	1650.685	145.6467	14.92691	20.29004	2	DEEP
112	tin_0112	355.25	1662.685	145.6535	15.03542	26.11981	2	DEEP
113	tin_0113	347.95	1662.485	145.5856	15.03320	26.73485	2	DEEP
114	tin_0114	347.85	1662.085	145.5847	15.02958	29.08468	2	DEEP
115	tin_0115	353.05	1649.985	145.6337	14.92051	28.83879	2	DEEP
116	tin_0116	355.15	1647.985	145.6534	14.90255	25.60840	2	DEEP
117	tin_0117	351.25	1654.185	145.6168	14.95837	19.50943	2	DEEP
118	tin_0118	356.55	1655.585	145.6660	14.97132	24.13265	2	DEEP
119	tin_0119	355.45	1652.585	145.6559	14.94414	26.66025	2	DEEP
120	tin_0120	349.35	1657.485	145.5989	14.98809	24.32626	2	DEEP
121	tin_0121	357.25	1658.285	145.6723	14.99576	25.97557	2	DEEP
122	tin_0122	356.55	1655.285	145.6660	14.96861	29.29118	2	DEEP
123	tin_0123	350.85	1654.385	145.6130	14.96015	23.70461	2	DEEP
124	tin_0124	351.95	1653.085	145.6233	14.94847	25.32223	2	DEEP
125	tin_0125	356.95	1656.785	145.6696	14.98219	28.33657	2	DEEP
126	tin_0126	353.85	1670.085	145.6400	15.10223	29.1		