

	id	x	y	longitude	latitude	depth	strat	depth_bin
1	tin_0001	352.9573	1670.285	145.6317	15.10399	4.358288	1	SHAL
2	tin_0002	357.0743	1656.853	145.6708	14.98281	3.077417	1	SHAL
3	tin_0003	351.7043	1669.365	145.6201	15.09560	1.956115	1	SHAL
4	tin_0004	356.0003	1651.333	145.6611	14.93286	4.555020	1	SHAL
5	tin_0005	349.9143	1656.853	145.6042	14.98241	3.908801	1	SHAL
6	tin_0006	352.7783	1670.101	145.6301	15.10232	2.969311	1	SHAL
7	tin_0007	350.0933	1666.789	145.6053	15.07223	2.519733	1	SHAL
8	tin_0008	350.9883	1668.261	145.6135	15.08558	3.106449	1	SHAL
9	tin_0009	348.1243	1663.477	145.5871	15.04218	3.035925	1	SHAL
10	tin_0010	355.6423	1663.661	145.6571	15.04427	5.942890	1	SHAL
11	tin_0011	356.0003	1662.005	145.6605	15.02932	2.620632	1	SHAL
12	tin_0012	347.5873	1659.245	145.5824	15.00390	3.590014	1	SHAL
13	tin_0013	347.5873	1663.109	145.5822	15.03882	3.831166	1	SHAL
14	tin_0014	353.1363	1670.101	145.6334	15.10234	2.000000	1	SHAL
15	tin_0015	349.1983	1665.869	145.5970	15.06386	2.057822	1	SHAL
16	tin_0016	350.8093	1668.077	145.6119	15.08391	4.358859	1	SHAL
17	tin_0017	357.6113	1659.245	145.6756	15.00446	13.869510	2	MID
18	tin_0018	348.4823	1664.213	145.5904	15.04885	12.158244	2	MID
19	tin_0019	356.8953	1654.093	145.6693	14.95785	12.535936	2	MID
20	tin_0020	356.5373	1655.013	145.6659	14.96615	12.483109	2	MID
21	tin_0021	354.3893	1670.101	145.6450	15.10241	17.423568	2	MID
22	tin_0022	357.2533	1653.357	145.6726	14.95122	13.197659	2	MID
23	tin_0023	357.6113	1659.061	145.6756	15.00280	15.865755	2	MID
24	tin_0024	350.4513	1668.629	145.6085	15.08888	16.954059	2	MID
25	tin_0025	352.4203	1651.701	145.6278	14.93598	9.529992	2	MID
26	tin_0026	346.5133	1662.005	145.5723	15.02878	17.054424	2	MID
27	tin_0027	355.8213	1663.845	145.6587	15.04594	17.419705	2	MID
28	tin_0028	356.8953	1655.933	145.6691	14.97448	13.464224	2	MID
29	tin_0029	355.1053	1650.965	145.6528	14.92948	12.026531	2	MID
30	tin_0030	357.0743	1661.269	145.6705	15.02272	10.958322	2	MID
31	tin_0031	355.8213	1662.557	145.6588	15.03430	9.839265	2	MID
32	tin_0032	355.4633	1650.965	145.6561	14.92950	13.719440	2	MID
33	tin_0033	347.0503	1661.821	145.5773	15.02715	8.711002	2	MID
34	tin_0034	355.6423	1663.293	145.6571	15.04094	7.245311	2	MID
35	tin_0035	349.3773	1666.605	145.5986	15.07052	9.716978	2	MID
36	tin_0036	348.6613	1664.949	145.5921	15.05551	14.677825	2	MID
37	tin_0037	356.8953	1661.453	145.6688	15.02438	8.560053	2	MID
38	tin_0038	352.5993	1649.493	145.6296	14.91604	17.906984	2	MID
39	tin_0039	350.4513	1667.893	145.6085	15.08223	10.490204	2	MID
40	tin_0040	355.6423	1665.869	145.6569	15.06422	13.801294	2	MID
41	tin_0041	348.6613	1664.581	145.5921	15.05219	10.484187	2	MID
42	tin_0042	356.7163	1654.461	145.6676	14.96117	13.724738	2	MID
43	tin_0043	352.2413	1651.517	145.6261	14.93431	9.000000	2	MID
44	tin_0044	354.2103	1670.101	145.6434	15.10240	13.408825	2	MID
45	tin_0045	357.4323	1660.901	145.6739	15.01942	12.026082	2	MID
46	tin_0046	352.4203	1670.469	145.6267	15.10562	17.550768	2	MID
47	tin_0047	355.6423	1666.053	145.6569	15.06589	14.262483	2	MID
48	tin_0048	357.0743	1656.485	145.6708	14.97948	8.181000	2	MID
49	tin_0049	352.4203	1650.965	145.6278	14.92933	14.409139	2	MID
50	tin_0050	350.9883	1668.997	145.6135	15.09224	9.449365	2	MID
51	tin_0051	355.6423	1666.789	145.6569	15.07254	13.959773	2	MID
52	tin_0052	353.8523	1670.285	145.6400	15.10404	10.751126	2	MID
53	tin_0053	354.7473	1650.781	145.6495	14.92780	12.358205	2	MID
54	tin_0054	351.1673	1669.181	145.6151	15.09391	8.479281	2	MID
55	tin_0055	350.9883	1669.365	145.6134	15.09556	13.479603	2	MID
56	tin_0056	355.8213	1663.109	145.6588	15.03929	15.754510	2	MID
57	tin_0057	350.2723	1667.525	145.6069	15.07889	9.557780	2	MID
58	tin_0058	357.9693	1659.797	145.6789	15.00947	28.000000	3	DEEP
59	tin_0059	350.4513	1669.365	145.6084	15.09553	22.116665	3	DEEP
60	tin_0060	356.3583	1662.373	145.6638	15.03266	23.806643	3	DEEP
61	tin_0061	354.3893	1670.837	145.6450	15.10906	27.998680	3	DEEP
62	tin_0062	347.2293	1660.165	145.5790	15.01219	26.278545	3	DEEP
63	tin_0063	350.0933	1668.629	145.6052	15.08886	25.839675	3	DEEP
64	tin_0064	350.4513	1668.813	145.6085	15.09054	18.006083	3	DEEP
65	tin_0065	351.5253	1654.461	145.6193	14.96088	28.000000	3	DEEP
66	tin_0066	354.2103	1670.469	145.6434	15.10572	20.333731	3	DEEP
67	tin_0067	350.2723	1669.917	145.6067	15.10051	29.902774	3	DEEP
68	tin_0068	353.4943	1671.021	145.6367	15.11067	27.004399	3	DEEP
69	tin_0069	352.9573	1671.021	145.6317	15.11064	30.000000	3	DEEP
70	tin_0070	356.8953	1661.637	145.6688	15.02604	18.216736	3	DEEP
71	tin_0071	357.2533	1661.453	145.6722	15.02440	26.771928	3	DEEP
72	tin_0072	347.2293	1658.877	145.5791	15.00055	25.203475	3	DEEP
73	tin_0073	349.3773	1666.973	145.5986	15.07385	20.603350	3	DEEP
74	tin_0074	355.8213	1665.869	145.6586	15.06423	25.533494	3	DEEP
75	tin_0075	354.9263	1669.549	145.6501	15.09745	20.066523	3	DEEP
76	tin_0076	347.0503	1659.245	145.5774	15.00387	24.161735	3	DEEP
77	tin_0077	350.4513	1668.997	145.6085	15.09220	19.081990	3	DEEP
78	tin_0078	356.8953	1655.565	145.6692	14.97116	22.419518	3	DEEP
79	tin_0079	354.3893	1670.469	145.6450	15.10573	23.355368	3	DEEP
80	tin_0080	347.2293	1663.477	145.5788	15.04213	21.147950	3	DEEP
81	tin_0081	348.1243	1664.029	145.5871	15.04717	22.106576	3	DEEP
82	tin_0082	355.6423	1668.445	145.6568	15.08751	24.015464	3	DEEP
83	tin_0083	356.8953	1654.277	145.6692	14.95951	19.381214	3	DEEP
84	tin_0084	353.3153	1649.309	145.6362	14.91441	18.893393	3	DEEP
85	tin_0085	350.0933	1668.813	145.6051	15.09052	26.585077	3	DEEP
86	tin_0086	352.9573	1649.125	145.6329	14.91273	24.986197	3	DEEP
87	tin_0087	355.8213	1667.893	145.6585	15.08253	29.514970	3	DEEP
88	tin_0088	350.0933	1669.365	145.6051	15.09551	28.099257	3	DEEP
89	tin_0089	357.6113	1657.589	145.6757	14.98949	26.000000	3	DEEP
90	tin_0090	349.7353	1668.077	145.6019	15.08385	27.955539	3	DEEP
91	tin_0091	355.8213	1664.949	145.6587	15.05592	19.540845	3	DEEP
92	tin_0092	355.6423	1668.261	145.6568	15.08584	20.517400	3	DEEP
93	tin_0093	348.3033	1664.213	145.5888	15.04884	20.124806	3	DEEP
94	tin_0094	348.6613	1665.317	145.5920	15.05884	18.388630	3	DEEP
95	tin_0095	355.4633	1668.997	145.6551	15.09249	26.461540	3	DEEP
96	tin_0096	357.2533	1653.725	145.6726	14.95454	20.999023	3	DEEP
97	tin_0097	348.8403	1666.053	145.5937	15.06550	18.419171	3	DEEP
98	tin_0098	357.9693	1660.165	145.6789	15.01279	29.232344	3	DEEP
99	tin_0099	347.0503	1660.901	145.5773	15.01883	27.533926	3	DEEP