	id	x	y	longitude	latitude	depth	strat	depth_bin
1	pal_0001	819.175	652.085	−162.1177	5.891949	3.508081	1	SHAL
2	pal_0002	818.675	650.085	−162.1223	5.873902	3.236164	1	SHAL
3	pal_0003	820.175	649.885	−162.1088	5.872025	3.173360	1	SHAL
4	pal_0004	828.475	650.985	−162.0339	5.881571	5.673113	1	SHAL
5	pal_0005	827.475	649.385	−162.0430	5.867164	4.320540	1	SHAL
6	pal_0006	819.175	651.285	−162.1178	5.884721	2.963449	1	SHAL
7	pal_0007	824.975	652.585	−162.0654	5.896193	1.893260	1	SHAL
8	pal_0008	827.775	649.785	−162.0402	5.870763	5.898630	1	SHAL
9	pal_0009	819.275	650.585	−162.1169	5.878392	4.268290	1	SHAL
10	pal_0010	819.775	649.585	−162.1124	5.869334	5.594347	1	SHAL
11	pal_0011	822.175	652.285	−162.0906	5.893615	1.939944	1	SHAL
12	pal_0012	819.075	650.985	−162.1187	5.882015	4.626722	1	SHAL
13	pal_0013	821.975	652.385	−162.0924	5.894528	1.930517	1	SHAL
14	pal_0014	818.875	650.985	−162.1205	5.882024	5.883388	1	SHAL
15	pal_0015	827.375	651.485	−162.0438	5.886140	5.742684	1	SHAL
16	pal_0016	819.175	652.185	−162.1177	5.892852	3.766357	1	SHAL
17	pal_0017	817.775	652.285	−162.1303	5.893821	5.781516	1	SHAL
18	pal_0018	830.975	649.285	−162.0114	5.866092	14.815123	2	MID
19	pal_0019	816.775	649.485	−162.1395	5.868569	17.704859	2	MID
20	pal_0020	818.675	650.785	−162.1223	5.880227	6.084558	2	MID
21	pal_0021	819.075	650.085	−162.1187	5.873884	8.499916	2	MID
22	pal_0022	816.875	649.085	−162.1386	5.864951	13.395240	2	MID
23	pal_0023	829.675	650.185	−162.0231	5.874286	6.303972	2	MID
24	pal_0024	829.775	649.485	−162.0222	5.867957	9.636493	2	MID
25	pal_0025	831.875	649.685	−162.0033	5.869663	17.976947	2	MID
26	pal_0026	818.775	649.785	−162.1214	5.871187	6.718495	2	MID
27	pal_0027	816.575	651.185	−162.1412	5.883938	17.825740	2	MID
28	pal_0028	831.275	650.085	−162.0087	5.873305	13.025354	2	MID
29	pal_0029	819.275	649.385	−162.1169	5.867550	9.367974	2	MID
30	pal_0030	830.775	650.285	−162.0132	5.875136	6.540911	2	MID
31	pal_0031	816.475	652.085	−162.1421	5.892074	14.909840	2	MID
32	pal_0032	830.275	649.985	−162.0177	5.872450	7.886734	2	MID
33	pal_0033	828.475	650.185	−162.0339	5.874343	8.190823	2	MID
34	pal_0034	830.575	649.685	−162.0150	5.869725	10.463382	2	MID
35	pal_0035	816.575	650.885	−162.1412	5.881228	17.611042	2	MID
36	pal_0036	831.475	649.985	−162.0069	5.872392	14.472708	2	MID
37	pal_0037	815.775	652.285	−162.1484	5.893914	14.175112	2	MID
38	pal_0038	817.875	651.585	−162.1295	5.887492	9.893205	2	MID
39	pal_0039	824.975	649.485	−162.0655	5.868186	7.122468	2	MID
40	pal_0040	818.975	649.285	−162.1197	5.866660	13.143036	2	MID
41	pal_0041	818.175	648.685	−162.1269	5.861277	17.263996	2	MID
42	pal_0042	828.775	649.185	−162.0312	5.865295	9.091468	2	MID
43	pal_0043	831.175	649.685	−162.0096	5.869696	9.578714	2	MID
44	pal_0044	830.675	649.185	−162.0141	5.865204	12.322150	2	MID
45	pal_0045	817.775	651.985	−162.1304	5.891110	7.469812	2	MID
46	pal_0046	828.475	650.085	−162.0339	5.873440	7.919627	2	MID
47	pal_0047	816.775	651.085	−162.1394	5.883025	18.554024	3	DEEP
48	pal_0048	815.975	651.185	−162.1466	5.883966	19.467336	3	DEEP
49	pal_0049	818.375	649.085	−162.1251	5.864881	18.529527	3	DEEP
50	pal_0050	817.475	648.685	−162.1332	5.861309	19.156794	3	DEEP
51	pal_0051	816.375	651.385	−162.1430	5.885754	18.222690	3	DEEP
52	pal_0052	815.775	649.585	−162.1485	5.869519	20.148045	3	DEEP
53	pal_0053	817.575	649.985	−162.1323	5.873050	18.722951	3	DEEP
54	pal_0054	815.775	650.385	−162.1485	5.876747	22.045329	3	DEEP
55	pal_0055	816.875	651.785	−162.1385	5.889345	19.838358	3	DEEP
56	pal_0056	815.775	650.085	−162.1485	5.874036	20.520673	3	DEEP