

	id	x	y	longitude	latitude	depth	strat	depth_bin
1	rot_0001	296.6842	1563.125	145.1165	14.13185	5.7157538	1	SHAL
2	rot_0002	299.5642	1565.885	145.1430	14.15700	2.1310353	1	SHAL
3	rot_0003	299.9242	1567.173	145.1462	14.16867	4.2480996	1	SHAL
4	rot_0004	299.5642	1566.069	145.1430	14.15867	1.7598449	1	SHAL
5	rot_0005	303.3442	1567.357	145.1779	14.17057	3.2732782	1	SHAL
6	rot_0006	307.3042	1569.749	145.2144	14.19247	3.8377857	1	SHAL
7	rot_0007	300.6442	1567.541	145.1529	14.17205	3.7771706	1	SHAL
8	rot_0008	299.7442	1566.253	145.1446	14.16034	1.4317950	1	SHAL
9	rot_0009	299.0242	1564.597	145.1381	14.14532	3.7695773	1	SHAL
10	rot_0010	298.6642	1564.229	145.1348	14.14197	5.1570958	1	SHAL
11	rot_0011	304.9642	1568.277	145.1928	14.17900	2.0551471	1	SHAL
12	rot_0012	299.7442	1565.885	145.1446	14.15702	0.5624285	1	SHAL
13	rot_0013	304.0642	1567.541	145.1845	14.17229	4.1197191	1	SHAL
14	rot_0014	304.4242	1567.909	145.1878	14.17564	5.8326718	1	SHAL
15	rot_0015	299.5642	1565.333	145.1430	14.15201	3.7840874	1	SHAL
16	rot_0016	302.9842	1567.357	145.1745	14.17055	5.2739141	1	SHAL
17	rot_0017	300.6442	1563.125	145.1532	14.13214	4.4808175	1	SHAL
18	rot_0018	304.6042	1567.909	145.1895	14.17565	3.3308654	1	SHAL
19	rot_0019	297.4042	1564.045	145.1231	14.14022	12.5430520	2	MID
20	rot_0020	311.8042	1570.669	145.2560	14.20109	17.7038768	2	MID
21	rot_0021	310.1842	1571.037	145.2410	14.20430	15.7568077	2	MID
22	rot_0022	301.1842	1567.725	145.1578	14.17375	14.7165325	2	MID
23	rot_0023	302.9842	1567.541	145.1745	14.17221	9.1090612	2	MID
24	rot_0024	301.0042	1567.725	145.1562	14.17373	13.3306045	2	MID
25	rot_0025	303.7042	1567.725	145.1812	14.17392	14.4129015	2	MID
26	rot_0026	296.8642	1563.861	145.1181	14.13852	14.1280176	2	MID
27	rot_0027	299.0242	1562.573	145.1382	14.12703	6.6362144	2	MID
28	rot_0028	314.6842	1570.301	145.2827	14.19796	15.2891834	2	MID
29	rot_0029	310.3642	1570.853	145.2427	14.20265	12.2615040	2	MID
30	rot_0030	312.7042	1570.485	145.2644	14.19949	11.9178822	2	MID
31	rot_0031	296.6842	1563.861	145.1165	14.13850	15.0000000	2	MID
32	rot_0032	309.2842	1562.941	145.2332	14.13108	13.0028734	2	MID
33	rot_0033	303.8842	1567.725	145.1829	14.17394	11.4877524	2	MID
34	rot_0034	310.1842	1564.597	145.2414	14.14610	15.4021503	2	MID
35	rot_0035	303.1642	1567.541	145.1762	14.17222	8.2921564	2	MID
36	rot_0036	306.5842	1569.565	145.2077	14.19075	6.5189139	2	MID
37	rot_0037	314.8642	1570.117	145.2844	14.19630	10.8226983	2	MID
38	rot_0038	301.7242	1567.357	145.1629	14.17046	6.7238915	2	MID
39	rot_0039	313.7842	1570.485	145.2744	14.19956	6.1444949	2	MID
40	rot_0040	299.3842	1565.885	145.1413	14.15699	8.5056818	2	MID
41	rot_0041	299.7442	1567.357	145.1445	14.17032	17.2910362	2	MID
42	rot_0042	308.2042	1562.205	145.2233	14.12435	16.0000000	2	MID
43	rot_0043	308.3842	1570.669	145.2243	14.20086	17.1290129	2	MID
44	rot_0044	309.2842	1571.037	145.2326	14.20424	15.2506794	2	MID
45	rot_0045	297.7642	1564.229	145.1264	14.14191	11.9401199	2	MID
46	rot_0046	304.6042	1568.093	145.1895	14.17731	7.2617137	2	MID
47	rot_0047	306.0442	1569.565	145.2027	14.19072	17.8914671	2	MID
48	rot_0048	313.6042	1570.485	145.2727	14.19955	9.5279855	2	MID
49	rot_0049	299.2042	1565.885	145.1396	14.15698	15.3320427	2	MID
50	rot_0050	299.3842	1566.437	145.1413	14.16198	11.2890332	2	MID
51	rot_0051	296.8642	1562.941	145.1182	14.13020	11.9938628	2	MID
52	rot_0052	297.4042	1564.229	145.1231	14.14188	14.5610414	2	MID
53	rot_0053	309.1042	1570.853	145.2310	14.20257	15.6630411	2	MID
54	rot_0054	314.5042	1570.485	145.2810	14.19961	12.9745216	2	MID
55	rot_0055	306.0442	1569.381	145.2027	14.18905	9.3105384	2	MID
56	rot_0056	299.2042	1564.965	145.1397	14.14866	10.1164532	2	MID
57	rot_0057	305.8642	1569.749	145.2010	14.19237	26.4840278	3	DEEP
58	rot_0058	298.1242	1564.597	145.1297	14.14526	28.0000000	3	DEEP
59	rot_0059	304.9642	1569.013	145.1928	14.18565	26.7956488	3	DEEP
60	rot_0060	305.6842	1569.381	145.1994	14.18903	18.1169334	3	DEEP
61	rot_0061	296.5042	1563.125	145.1148	14.13184	23.7178092	3	DEEP
62	rot_0062	311.8042	1570.853	145.2560	14.20275	22.1955915	3	DEEP
63	rot_0063	296.5042	1563.677	145.1148	14.13683	28.7311983	3	DEEP
64	rot_0064	312.5242	1570.669	145.2627	14.20114	23.2109328	3	DEEP
65	rot_0065	300.8242	1568.093	145.1545	14.17705	30.0000000	3	DEEP
66	rot_0066	306.0442	1569.749	145.2027	14.19238	24.9057361	3	DEEP
67	rot_0067	305.1442	1569.197	145.1944	14.18733	27.2521536	3	DEEP
68	rot_0068	307.6642	1570.301	145.2177	14.19748	19.2122481	3	DEEP
69	rot_0069	313.7842	1570.853	145.2743	14.20288	23.9226319	3	DEEP
70	rot_0070	313.6042	1570.669	145.2727	14.20121	18.2686744	3	DEEP
71	rot_0071	304.7842	1568.829	145.1911	14.18398	26.3969895	3	DEEP
72	rot_0072	306.4042	1569.933	145.2060	14.19407	24.5102971	3	DEEP
73	rot_0073	313.4242	1570.853	145.2710	14.20286	25.5905642	3	DEEP
74	rot_0074	298.6642	1561.469	145.1350	14.11703	27.0000000	3	DEEP
75	rot_0075	301.0042	1567.909	145.1562	14.17540	21.4155211	3	DEEP
76	rot_0076	310.3642	1571.037	145.2426	14.20432	18.7583138	3	DEEP
77	rot_0077	305.5042	1569.381	145.1977	14.18902	22.2475014	3	DEEP
78	rot_0078	304.4242	1568.277	145.1878	14.17896	20.1348967	3	DEEP
79	rot_0079	304.7842	1568.645	145.1911	14.18231	20.0036380	3	DEEP
80	rot_0080	308.0242	1570.669	145.2210	14.20083	25.0000000	3	DEEP
81	rot_0081	309.1042	1571.037	145.2310	14.20423	19.0869470	3	DEEP
82	rot_0082	305.1442	1569.013	145.1944	14.18567	20.9777714	3	DEEP
83	rot_0083	313.9642	1570.853	145.2760	14.20290	25.8327331	3	DEEP
84	rot_0084	297.5842	1564.413	145.1247	14.14356	26.6078579	3	DEEP
85	rot_0085	312.1642	1570.669	145.2593	14.20111	20.2888157	3	DEEP
86	rot_0086	304.7842	1569.013	145.1911	14.18564	30.0000000	3	DEEP
87	rot_0087	311.0842	1570.853	145.2493	14.20270	24.5268566	3	DEEP
88	rot_0088	313.4242	1565.333	145.2714	14.15297	20.4874842	3	DEEP
89	rot_0089	302.0842	1567.909	145.1662	14.17547	28.0000000	3	DEEP
90	rot_0090	306.7642	1570.117	145.2094	14.19576	26.5381496	3	DEEP
91	rot_0091	298.8442	1565.333	145.1363	14.15196	23.6265296	3	DEEP
92	rot_0092	299.3842	1567.357	145.1412	14.17029	29.0000000	3	DEEP
93	rot_0093	298.1242	1564.413	145.1297	14.14360	20.5074692	3	DEEP
94	rot_0094	306.4042	1569.749	145.2061	14.19240	19.4641578	3	DEEP
95	rot_0095	314.8642	1570.301	145.2844	14.19797	18.8330859	3	DEEP
96	rot_0096	305.3242	1569.381	145.1961	14.18900	26.1389564	3	DEEP
97	rot_0097	313.0642	1564.965	145.2681	14.14962	27.0000000	3	DEEP
98	rot_0098	313.2442	1565.149	145.2697	14.15130	19.4722085	3	DEEP
99	rot_0099	310.5442	1571.037	145.2443	14.20433	21.7598226	3	DEEP
100	rot_0100	300.6442	1567.909	145.1528	14.17537	21.8541798	3	DEEP