

Table T17. Interstitial water data from squeezed whole-round and Rhizon samples, Hole U1337A. (See table notes.)

Core, section, interval (cm)	Sampling method	Depth CSF (m)		pH	Alkalinity (mM)	Salinity	Cl ⁻ (mM)	Na ⁺ (mM)	SO ₄ ²⁻ (mM)	HPO ₄ ⁻ (μM)	Li ⁺ (μM)	B (μM)	Mg ²⁺ (mM)	H ₄ SiO ₄ (μM)	K ⁺ (mM)	Ca ²⁺ (mM)	Mn ²⁺ (μM)	Fe ²⁺ (μM)	Sr ²⁺ (μM)	Ba ²⁺ (μM)
		Top	Bottom																	
321-U1337A-																				
2H-2, 145-150	IW	8.45	8.50	7.70	2.82	34.0	555	480	27.6	ND	27.7	442	52.5	730	11.2	10.8	114.62	BDL	82.7	BDL
2H-5, 145-150	IW	12.95	13.00	7.64	2.75	34.1	560	488	28.8	ND	24.7	423	53.0	673	10.9	10.3	140.28	BDL	79.1	BDL
3H-2, 145-150	IW	17.95	18.00	7.63	2.73	34.0	555	483	28.8	ND	24.2	404	52.5	748	11.2	10.8	133.36	1.86	83.4	BDL
3H-5, 145-150	IW	22.45	22.50	7.62	2.72	ND	560	480	27.4	ND	23.5	404	54.1	734	11.4	11.3	122.74	BDL	81.7	BDL
4H-2, 145-150	IW	27.45	27.50	7.69	2.85	ND	561	486	29.1	ND	23.4	403	53.9	724	11.4	10.8	106.29	0.76	83.0	BDL
4H-5, 145-150	IW	31.95	32.00	7.66	2.71	ND	563	487	28.7	ND	24.0	433	53.6	756	11.4	11.0	105.24	BDL	83.7	BDL
5H-2, 145-150	IW	36.95	37.00	7.65	3.76	34.0	563	490	28.7	ND	23.2	440	52.5	789	11.3	10.8	106.24	7.28	86.9	BDL
5H-5, 145-150	IW	41.45	41.50	7.65	2.67	34.0	562	486	28.6	ND	23.2	431	53.5	807	11.3	11.1	104.09	0.67	85.4	BDL
6H-2, 145-150	IW	46.45	46.50	7.65	2.75	34.0	564	487	28.7	ND	22.7	416	53.9	774	11.4	11.2	101.66	BDL	85.3	BDL
6H-5, 145-150	IW	50.95	51.00	7.70	2.71	34.0	559	487	29.3	ND	22.5	418	52.5	789	11.4	10.9	96.01	BDL	85.0	BDL
7H-3, 145-150	IW	57.45	57.50	7.68	2.90	34.0	563	486	28.6	ND	22.9	413	53.8	883	11.4	11.3	101.65	1.56	87.5	BDL
8H-3, 145-150	IW	66.95	67.00	7.59	2.66	34.0	565	491	28.4	ND	22.1	431	52.4	867	11.2	10.9	95.79	BDL	87.1	BDL
9H-3, 145-150	IW	76.45	76.50	7.69	3.01	34.0	562	487	28.6	ND	21.9	421	52.5	934	11.2	11.7	96.83	1.28	90.1	BDL
10H-3, 145-150	IW	85.95	86.00	7.58	2.79	34.0	564	489	27.2	ND	21.0	433	52.2	885	10.8	10.7	92.72	0.55	87.2	BDL
11H-3, 145-150	IW	95.45	95.50	7.63	2.80	34.0	569	496	28.3	ND	20.0	422	52.4	895	11.0	10.8	78.97	1.46	87.9	BDL
12H-3, 145-150	IW	104.95	105.00	7.65	2.87	34.0	565	488	28.7	ND	20.3	417	54.0	914	11.3	11.4	69.57	0.86	90.6	BDL
13H-3, 145-150	IW	114.45	114.50	7.57	2.85	34.0	557	477	27.9	ND	19.6	408	54.3	956	11.4	11.5	61.12	0.48	89.2	BDL
14H-3, 150-155	IW	123.95	124.00	7.60	2.90	34.1	563	488	27.6	ND	19.0	417	52.5	929	10.8	11.0	48.55	BDL	89.9	BDL
15H-3, 145-150	IW	133.45	133.50	7.59	3.08	34.0	566	489	27.6	ND	18.7	424	53.2	982	10.8	11.2	38.02	0.96	91.1	BDL
16H-3, 145-150	IW	142.95	143.00	7.57	3.05	34.0	563	487	27.5	ND	18.2	407	52.5	939	10.9	11.4	36.74	0.52	93.4	BDL
17H-3, 145-150	IW	152.45	152.50	7.58	3.52	34.0	563	488	27.1	ND	18.4	432	52.2	985	10.4	10.7	40.38	BDL	93.1	0.85
18H-3, 147-152	IW	161.99	162.04	7.62	3.07	34.0	561	485	28.2	ND	17.5	404	52.5	1017	11.1	12.0	42.41	2.78	96.5	BDL
19H-3, 145-150	IW	171.45	171.50	7.62	3.19	34.0	560	484	27.4	ND	17.5	403	52.5	1037	10.8	11.5	45.17	0.40	98.8	BDL
20H-3, 145-150	IW	180.95	181.00	7.64	3.18	34.0	561	480	26.9	ND	17.1	418	53.8	1038	10.9	11.8	44.38	0.23	103.0	BDL
21H-3, 145-150	IW	190.45	190.50	7.61	3.37	34.0	559	480	27.7	ND	17.2	402	53.7	1042	10.7	11.9	45.16	BDL	103.7	BDL
23X-3, 145-150	IW	208.75	208.80	7.58	3.21	34.0	561	483	27.5	ND	17.2	404	53.4	986	10.7	11.7	33.71	0.77	102.8	BDL
24X-2, 145-150	IW	216.85	216.90	7.58	3.53	35.0	560	492	27.4	ND	17.3	416	48.8	1067	9.7	11.1	24.93	0.80	108.6	BDL
25X-3, 145-150	IW	227.85	227.90	7.63	3.37	34.0	ND	ND	27.8	ND	16.7	425	52.4	994	10.4	11.3	14.65	1.34	102.1	BDL
26X-3, 145-150	IW	237.45	237.50	7.61	3.26	34.0	563	484	27.6	ND	16.9	399	53.8	993	10.8	11.8	8.19	1.15	103.8	BDL
28X-2, 140-150	IW	254.60	254.70	7.49	3.90	35.0	ND	ND	25.8	ND	6.3	445	50.5	1044	10.1	12.1	0.77	2.80	183.0	BDL
29X-2, 140-150	IW	264.20	264.30	7.52	3.36	34.0	555	479	26.5	ND	9.0	390	50.6	1030	10.5	12.2	1.31	1.32	175.7	0.93
30X-4, 140-150	IW	276.70	276.80	7.65	3.55	34.0	562	489	27.1	ND	8.5	398	50.5	1099	10.2	12.3	0.82	3.96	184.3	BDL
31X-3, 140-150	IW	284.90	285.00	7.55	3.80	34.0	553	473	26.2	ND	7.0	398	52.3	1063	10.6	12.5	0.58	6.15	178.4	BDL
32X-3, 140-150	IW	294.60	294.70	7.57	2.81	34.0	554	481	26.6	ND	7.6	405	49.9	1072	9.9	11.9	0.70	2.70	176.1	BDL
33X-3, 140-150	IW	304.10	304.20	7.50	3.77	35.0	ND	ND	26.6	ND	6.4	407	50.5	1085	10.2	12.2	0.64	5.36	180.4	BDL
34X-3, 140-150	IW	313.70	313.80	7.53	3.65	35.0	ND	ND	26.2	ND	6.9	402	50.5	1069	10.3	12.9	1.85	1.70	170.2	BDL
35X-3, 140-150	IW	323.30	323.40	7.52	3.61	35.0	556	477	26.7	ND	7.9	406	52.1	1086	10.3	12.7	0.87	3.39	176.1	BDL
36X-3, 140-150	IW	332.90	333.00	7.57	3.80	36.0	558	483	26.6	ND	7.0	378	50.3	1147	10.2	12.6	1.80	0.10	171.8	BDL
37X-3, 140-150	IW	342.40	342.50	7.58	3.51	34.0	555	481	27.4	ND	8.7	399	50.6	1231	10.2	12.7	3.05	1.43	189.0	BDL
38X-2, 140-150	IW	350.50	350.60	7.55	3.67	34.0	555	480	26.9	ND	8.3	393	50.5	1166	10.0	12.5	2.45	BDL	175.5	BDL
39X-3, 140-150	IW	361.60	361.70	7.57	3.49	35.0	559	484	26.8	ND	8.8	385	50.6	1182	10.0	12.4	2.15	3.17	171.9	BDL
40X-3, 140-150	IW	371.20	371.30	7.56	3.55	ND	554	480	26.6	ND	9.7	402	50.5	1078	9.7	12.1	1.69	2.62	157.0	BDL
41X-3, 140-150	IW	380.80	380.90	7.68	2.49	ND	ND	ND	26.6	ND	11.5	368	50.6	1105	10.4	11.4	1.32	0.91	137.7	BDL
42X-3, 140-150	IW	390.40	390.50	ND	ND	34.0	ND	ND	26.5	ND	10.6	384	51.5	1054	10.1	11.7	2.06	1.56	137.4	1.86
43X-3, 140-150	IW	400.00	400.10	7.68	2.98	ND	558	479	27.7	ND	13.5	403	53.8	1130	10.7	12.1	1.02	0.22	140.8	BDL
44X-3, 140-150	IW	409.30	409.40	7.59	2.86	34.0	ND	ND	26.9	ND	14.2	384	50.9	1077	10.1	11.1	0.00	BDL	127.1	BDL
45X-3, 140-150	IW	418.90	419.00	7.61	3.19	35.0	562	486	27.1	ND	15.8	406	52.3	1049	10.1	11.4	0.00	BDL	116.4	BDL
46X-3, 140-150	IW	428.40	428.50	7.60	3.27	34.0	560	483	27.0	ND	16.5	404	52.9	979	10.1	11.4	0.00	BDL	111.0	1.14
47X-3, 140-150	IW	438.00	438.10	7.60	3.02	34.0	ND	ND	26.8	ND	20.8	402	53.4	888	10.2	11.2	0.00	BDL	102.5	BDL
Rhizon																				
2H-1, 145-150	Rhizon	6.95	7.00	7.70	2.71	ND	554	477	28.5	ND	28.6	446	54.7	703	11.3	10.8	72.6	BDL	79.6	BDL
2H-2, 140-145	Rhizon	8.40	8.45	7.75	2.85	ND	ND	ND	29.2	ND	27.1	430	54.1	686	11.1	10.7	111.0	BDL	81.7	BDL
2H-5, 140-145	Rhizon	12.90	12.95	7.65	2.64	ND	553	475	28.7	ND	26.1	461	55.1	685	11.5	10.8	149.3	0.48	82.9	BDL
2H-6, 145-150	Rhizon	14.45	14.50	7.70	2.75	ND	ND	ND	29.1	ND	25.4	443	55.1	665	11.4	11.0	145.4	BDL	84.5	BDL
3H-1, 145-150	Rhizon	16.45	16.50	7.72	2.64	ND	ND	ND	28.9	ND	24.9	431	55.5	654	11.3	10.9	145.1	BDL	83.3	BDL
3H-2, 140-145	Rhizon	17.90	17.95	7.73	3.41	ND	ND	ND	29.4	ND	24.4	421	54.3	655	11.1	11.0	131.4	BDL	84.0	BDL
3H-5, 140-145	Rhizon	22.40	22.45	7.73	2.66	ND	ND	ND	29.0	ND	24.2	433	56.0	687	11.5	11.1	126.7	BDL	84.2	BDL
3H-6, 145-150	Rhizon	23.95	24.00	7.73	2.77	ND	ND	ND	28.7	ND	24.4	437	56.1	702	11.6	11.4	120.0	BDL	88.7	BDL
4H-1, 145-150	Rhizon	25.95	26.00	7.66	2.68	ND	ND	ND	28.5	ND	23.9	456	54.3	695	11.3	11.1	113.1	BDL	86.0	BDL
4H-2, 140-145	Rhizon	27.40	27.45	7.72	2.85	ND	ND	ND	28.9	ND	23.7	431	55.5	687	11.4	11.2	108.2	BDL	86.1	BDL
4H-5, 140-145	Rhizon	31.90	31.95	7.68	2.79	ND	ND	ND	29.0	ND	24.1	447	55.6	714	11.5	11.3	106.0	BDL	87.1	BDL
4H-6, 145-150	Rhizon	33.45	33.50	7.71	2.74	ND	ND	ND	28.8	ND	23.0	429	55.7	687	11.5	11.2	101.5	BD		