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Site M0062, Table T5. Interstitial water geochemistry, Site M0062.

Core, section, interval (cm)	Type	Depth (mbsf)	Volume (mL)	Analyte:	pH	Salinity	Alkalinity	Cl <sup>-</sup>	Br <sup>-</sup>	SO <sub>4</sub> <sup>2-</sup>	H <sub>2</sub> S	NH <sub>4</sub> <sup>+</sup>	Na <sup>+</sup>	K <sup>+</sup>	Mg <sup>2+</sup>	Ca <sup>2+</sup>	Sr <sup>2+</sup>	Li <sup>+</sup>	H <sub>4</sub> SiO <sub>4</sub>	Ba <sup>2+</sup>	B	Al	PO <sub>4</sub> <sup>3-</sup>	Fe <sup>2+</sup>	Mn <sup>2+</sup>	Mo	Ti	V	Zr		
				Unit:	ISE	Refraction	meq/L	mM	mM	mM	mM	mM	mM	mM	mM	mM	mM	mM	μM	μM	μM	μM	μM	μM	μM	μM	μM	μM	μM	μM	μM
Method:				IC			Titration	IC	IC	IC	Photometric	Conductivity	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES	ICP-OES		
347-M0062A-																															
2H-1, 13-40	Rh	1.88	20		7.83	6.60	16.24	93.07	0.15	0.02	0.00	0.61	79.95	2.23	10.34	2.79	21.19	3.33	576.46	1.43	97.86	3.82	0.07	1072.25	798.43	0.00	0.28	0.21	0.33		
2H-2, 12-30	Rh	3.28	22		7.93	7.30	18.61	104.06	0.16	0.02	0.00	0.77	87.69	2.38	11.66	3.08	22.45	3.85	595.69	1.56	110.35	1.89	0.08	691.56	672.94	0.03	0.17	0.20	0.23		
3H-1, 13-40	Rh	5.18	22		8.07	7.80	20.28	111.52	0.18	0.06	0.00	0.85	96.30	2.52	12.63	3.61	23.57	5.12	608.87	1.21	120.62	1.59	0.20	242.64	549.81	0.03	0.10	0.18	0.15		
3H-2, 13-40	Rh	6.68	15		8.20	8.10	20.38	117.21	0.19	0.05	0.00	0.89	100.87	2.52	12.75	4.11	24.29	5.97	708.21	1.68	125.80	0.33	0.25	35.22	401.03	0.05	0.05	0.14	0.04		
4H-1, 13-40	Rh	8.48	17		8.08	7.80	15.64	117.36	0.18	0.65	0.00	0.80	107.35	2.42	12.69	5.03	24.25	4.15	678.30	6.25	101.75	2.67	0.14	126.44	133.10	0.09	0.07	0.00	0.02		
4H-2, 12-30	Rh	9.88	24		8.00	8.40	17.28	126.39	0.19	0.08	0.00	0.70	104.05	2.05	12.73	6.13	23.72	3.12	422.29	10.25	74.37	4.48	0.08	345.06	84.72	0.14	0.11	0.04	0.00		
5H-1, 13-40	Rh	11.78	21		7.93	8.30	14.61	128.59	0.20	0.06	0.00	0.59	102.35	1.66	11.30	7.74	23.37	3.45	243.44	13.64	48.84	2.85	0.01	263.77	93.08	0.56	0.01	0.08	0.05		
5H-2, 13-40	Rh	13.28	23		7.88	8.40	14.77	130.06	0.20	0.00	0.00	0.51	123.14	1.68	14.01	11.63	30.59	4.30	354.85	17.45	36.26	1.30	0.02	413.64	182.42	0.48	0.00	0.08	0.01		
6H-1, 13-40	Rh	15.08	36		7.90	8.50	13.57	131.53	0.20	0.05	0.00	0.40	114.79	1.31	12.58	13.94	30.60	6.06	418.73	16.80	14.80	0.41	0.02	251.95	215.52	0.14	0.00	0.07	0.00		
6H-2, 106-111	Rh	16.29	40		8.04	8.30	13.03	131.03	0.20	0.04	0.00	0.36	120.70	1.32	12.80	16.26	33.19	6.68	454.69	17.70	10.91	0.00	0.02	137.95	225.34	0.03	0.00	0.07	0.00		
7H-1, 13-40	Rh	17.78	30		8.02	8.30	11.53	130.60	0.20	0.82	0.00	0.35	95.17	1.03	9.57	13.83	26.11	7.33	342.14	12.12	3.42	0.15	0.02	78.02	168.25	0.03	0.00	0.07	0.00		
7H-2, 13-40	Rh	19.28	40		8.00	8.50	10.19	133.72	0.21	1.80	0.00	0.34	97.35	1.10	9.83	15.26	27.13	8.03	351.50	7.22	1.39	0.00	0.01	81.21	158.59	0.10	0.00	0.10	0.00		
8H-1, 13-40	Rh	21.08	40		7.99	8.50	8.83	132.95	0.20	2.71	0.00	0.29	97.87	1.10	10.25	16.18	27.81	7.48	347.20	2.07	0.00	0.00	0.01	71.34	131.17	0.05	0.00	0.12	0.00		
9H-1, 13-40	Rh	24.38	40		8.08	8.90	7.55	137.80	0.21	3.76	0.00	0.26	113.66	1.32	13.72	20.81	35.44	6.72	387.04	1.00	3.24	0.00	0.02	56.21	113.64	0.07	0.00	0.09	0.03		
10H-1, 13-40	Rh	27.68	40		8.14	9.20	6.49	141.39	0.22	4.51	0.00	0.25	110.83	1.44	14.73	19.98	36.17	6.20	335.13	0.58	9.06	0.44	0.01	29.01	71.62	0.11	0.00	0.11	0.05		
11H-1, 13-40	Rh	30.68	40		8.16	9.50	6.04	145.38	0.23	4.77	0.00	0.21	116.53	1.68	16.43	22.04	45.91	6.30	322.84	0.42	15.26	0.78	0.01	33.36	66.49	0.09	0.00	0.10	0.00		
13H-1, 13-40	Rh	33.98	25		8.10	9.70	5.89	149.10	0.23	4.66	0.00	0.17	99.57	1.68	13.59	17.76	50.27	6.08	271.18	0.25	21.46	1.30	0.01	19.80	48.03	0.08	0.00	0.08	0.00		
347-M0062B-																															
2H-1, 13-40	Rh	2.38	20		7.54	6.75	17.85	96.80	0.15	0.02	—	0.61	104.31	2.81	13.89	3.66	28.04	3.53	758.06	2.03	128.11	3.56	0.10	1149.79	1063.78	0.00	0.21	0.16	0.29		
2H-2, 13-40	Rh	3.88	22		7.74	7.39	19.40	105.29	0.17	0.01	—	0.69	90.21	2.46	11.99	3.20	22.91	4.10	593.56	1.50	115.99	2.74	0.10	603.28	652.93	0.00	0.16	0.17	0.22		
3H-1, 13-40	Rh	5.68	22		7.99	7.87	21.67	115.10	0.18	0.02	—	0.77	106.52	2.67	13.91	4.09	26.12	5.85	715.68	1.27	134.77	1.89	0.27	122.32	565.63	0.00	0.10	0.16	0.08		
3H-2, 13-40	Rh	7.18	12		8.17	7.76	19.27	119.16	0.19	0.01	—	0.83	116.70	2.76	14.99	5.02	28.16	6.38	795.44	3.01	137.08	0.41	0.29	22.85	332.83	0.00	0.05	0.12	0.03		
4H-1, 13-40	Rh	8.98	20		7.87	8.14	18.91	124.41	0.19	0.03	—	0.77	116.31	2.42	14.33	6.08	26.26	3.46	672.24	9.14	95.92	1.67	0.15	343.81	123.38	0.00	0.01	0.05	0.00		
4H-2, 12-30	Rh	10.48	19		7.96	8.09	16.65	127.19	0.20	0.01	—	0.67	123.79	2.25	14.57	8.30	28.41	3.01	311.55	15.22	79.18	1.00	0.05	431.73	94.41	0.40	0.01	0.05	0.00		
5H-1, 13-40	Rh	12.28	19		7.94	7.87	16.51	127.66	0.20	0.03	—	0.52	132.41	1.95	15.00	11.23	31.44	3.71	307.00	18.59	50.04	1.89	0.01	335.93	154.05	0.55	0.00	0.04	0.00		
5H-2, 13-40	Rh	13.78	33		7.78	8.19	13.49	130.17	0.20	0.02	—	0.44	128.23	1.66	13.93	13.08	31.83	4.86	404.13	17.88	27.47	2.08	0.02	317.49	206.61	0.31	0.01	0.06	0.00		
6H-1, 13-40	Rh	15.58	37		7.84	8.14	15.51	130.49	0.20	0.02	—	0.37	124.27	1.43	12.92	15.62	32.54	6.41	458.25	17.67	12.95	0.70	0.03	176.08	226.62	0.04	0.00	0.08	0.00		
6H-2, 124-129	Rh	16.97	38		7.92	7.98	16.51	129.89	0.20	0.46	—	0.34	124.79	1.40	12.63	17.41	33.03	7.23	482.82	16.62	9.71	1.78	0.02	100.01	232.44	0.08	0.01	0.09	0.00		
7H-1, 13-40	Rh	18.88	36		7.87	8.30	12.05	131.10	0.20	1.55	—	0.32	121.23	1.27	12.31	19.01	32.56	8.18	448.28	9.89	3.79	0.44	0.02	124.29	240.44	0.05	0.00	0.09	0.00		
7H-2, 13-40	Rh	20.38	40		7.85	8.41	9.57	135.68	0.21	2.32	—	0.30	121.27	1.27	12.35	19.69	32.22	8.47	441.16	3.95	2.40	0.22	0.02	119.87	230.07	0.05	0.00	0.09	0.00		
8H-1, 13-40	Rh	22.18	40		7.96	8.25	8.42	133.65	0.21	3.00	—	0.29	128.71	1.38	13.48	21.17	33.81	7.95	456.12	1.57	3.05	0.19	0.02	108.98	210.43	0.06	0.00	0.10	0.03		
347-M0062C-																															
1H-1, 13-40	Rh	1.38	36		7.53	6.17	13.98	88.27	0.14	0.02	—	0.49	72.73	2.02	9.18	2.53	19.05	3.12	546.91	1.29	83.43	3.00	0.05	1197.78	795.88	0.04	0.30	0.22	0.32		
1H-2, 13-40	Rh	2.88	38		7.51	6.76	16.19	97.87	0.15	0.01	—	0.54	82.17	2.26	10.80	2.85	21.34	3.67	589.28	1.42	98.70	2.19	0.06	929.90	678.57	0.00	0.21	0.20	0.24		
347-M0062D-																															
2H-1, 13-40	Rh	2.88	25		7.65	7.19	17.69	100.40	0.17	0.01	—	0.60	85.43	2.37	11.28	2.99	22.11	3.94	605.66	1.48	108.59	2.08	0.07	778.58	666.39	0.00	0.19	0.18	0.27		
2H-2, 13-40	Rh	4.38	23		7.88	7.84	21.04	108.95	0.17	0.01	—	0.67	92.17	2.54	12.23	3.36	23.21	4.64	603.88	1.35	121.54	1.22	0.11	430.30	590.18	0.00	0.13	0.20	0.21		
3H-1, 13-40	Rh	6.18	20		8.13	8.00	20.25	115.40	0.18	0.02	—	0.72	98.35	2.49	12.66	3.81	23.51	6.21	667.97	1.14	123.39	0.48	0.25	54.96	487.79	0.09	0.10	0.15	0.07		
3H-2, 13-40	Rh	7.68	6		8.39	8.00	18.67	116.89	0.19	0.01	—	0.78	107.00	2.60	13.50	4.86	25.64</														