Site M0059, Table T9. Interstitial water geochemistry, Site M0059.

Core, section, interval (cm)	Type	Depth (mbsf)	Volume (mL)	Analyte:	pH	Salinity	Alkalinity	Cl^-	Br^-	SO_4^{2-}	H_2S	NH_4^+	Na^+	K^+	Mg^{2+}	Ca^{2+}	Sr^{2+}	Li^+	H_4SiO_4	Ba^{2+}	B	Al	PO_4^{3-}	Fe^{2+}	Mn^{2+}	Rb	V	Zr
				Unit:			meq/L	mM	mM	mM	mM	mM	mM	mM	mM	mM	µM	µM	µM	µM	µM	µM	mM	µM	µM	µM	µM	mM
				Method:	ISE	Refraction	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
347-M0059A-																												
1H-1, 10	Rh	0.10	7.5		7.88	26.14	—	371.59	0.62	0.35	0.60	5.86	315.40	9.22	45.71	8.81	74.51	26.24	1359.09	0.65	851.91	1.52	1.15	0.00	418.65	0.97	0.19	0.01
1H-1, 141	Rh	1.41	8.5		7.84	28.67	—	382.94	0.74	0.08	0.00	11.46	345.67	10.93	56.74	11.11	101.69	38.42	1465.55	2.26	1333.83	0.67	1.34	267.71	407.73	1.17	0.14	0.01
1H-2, 10	Rh	1.61	6.0		7.89	29.10	105.20	377.75	0.79	0.13	0.00	11.85	335.75	10.69	54.97	10.75	98.07	37.31	1407.51	2.16	1309.78	2.78	1.25	272.18	369.33	1.15	0.15	0.01
1H-2, 140	Rh	2.91	9.0		7.84	28.30	116.10	384.58	0.81	0.05	0.00	9.22	354.59	11.68	59.82	11.32	101.07	40.86	1364.79	3.15	1440.20	1.78	1.46	386.96	337.11	1.30	0.16	0.01
2H-1, 140	Rh	4.70	6.0		7.88	29.84	124.00	378.49	0.86	0.28	0.00	21.34	356.63	11.96	60.98	10.98	93.91	40.12	1165.39	3.04	1445.75	1.85	1.60	227.95	298.34	1.29	0.22	0.01
2H-2, 140	Rh	6.20	4.5		7.87	29.99	130.80	381.95	0.93	0.03	0.00	22.39	354.72	12.14	62.00	10.70	93.12	41.81	1080.65	3.82	1425.40	3.15	1.66	146.76	302.70	1.32	0.28	0.02
3H-1, 139	Rh	8.29	8.0		7.69	30.31	132.40	373.01	0.91	1.00	0.00	24.76	350.76	12.13	61.43	10.11	90.40	42.31	1034.72	5.35	1475.35	0.59	1.60	190.89	250.28	1.24	0.30	0.03
3H-2, 140	Rh	9.79	6.5		7.80	31.53	148.30	385.87	1.00	0.12	0.00	28.85	359.59	12.97	65.30	10.06	93.43	46.28	1111.27	6.83	1582.65	2.19	1.65	240.67	184.39	1.41	0.32	0.07
4H-1, 139	Rh	11.59	9.0		7.90	32.11	153.50	380.28	1.04	0.30	0.00	32.01	353.11	13.07	66.65	9.25	90.22	48.61	1079.94	9.23	1516.97	3.52	1.67	296.00	124.89	1.47	0.26	0.12
4H-2, 139	Rh	13.08	7.0		7.94	32.37	164.60	378.36	1.07	0.08	0.00	34.77	355.07	13.47	68.83	8.98	90.50	52.50	1069.97	9.34	1547.50	2.52	1.78	257.32	132.00	1.59	0.33	0.15
5H-1, 139	Rh	14.89	5.0		7.93	31.89	166.90	373.62	1.10	0.06	0.00	32.49	386.08	15.19	78.30	9.32	99.18	55.40	1201.00	9.57	1742.67	4.48	2.02	167.36	162.51	1.65	0.42	0.17
5H-2, 132	Rh	16.31	5.0		7.83	31.94	170.90	364.03	1.11	0.11	0.00	34.99	368.42	14.58	74.39	8.27	91.17	55.60	1121.95	9.00	1635.37	0.96	1.94	122.11	151.28	1.70	0.43	0.19
6H-1, 140	Rh	18.20	4.0		8.00	32.42	178.60	—	—	—	0.00	36.24	371.07	14.94	77.06	7.69	89.39	58.97	1149.37	8.56	1668.67	5.52	2.03	114.91	145.42	1.63	0.44	0.22
6H-1, 106	Rh	19.36	7.0		7.79	31.36	185.50	367.08	1.20	0.10	0.00	38.48	362.37	14.75	75.95	7.28	86.17	58.87	1123.73	8.31	1653.87	2.33	2.04	141.84	133.97	1.59	0.44	0.24
7H-1, 140	Rh	21.50	3.0		7.91	30.88	185.90	357.98	1.22	0.05	0.00	38.98	343.45	14.44	73.24	6.59	81.03	—	1131.92	5.58	1600.22	0.44	2.03	124.47	101.30	—	—	—
8H-1, 135	Rh	24.78	7.5		7.97	29.87	182.20	327.09	1.16	0.28	0.00	40.98	336.06	14.62	73.11	6.39	80.83	58.94	1151.15	6.01	1672.37	3.74	2.15	125.62	85.11	1.51	0.37	0.29
9H-1, 135	Rh	28.08	8.5		7.96	28.60	177.70	306.33	1.10	0.72	0.00	40.48	304.78	13.52	65.99	5.69	72.79	57.80	1040.06	4.94	1586.35	2.04	2.00	124.38	84.75	1.42	0.36	0.33
10H-1, 135–140	Rh	31.38	5.5		7.97	28.23	174.40	291.68	1.12	0.71	0.00	40.58	297.43	13.70	64.88	5.51	73.00	61.89	1100.59	4.89	1623.35	1.26	2.03	91.49	100.95	1.39	0.34	0.31
11H-2, 135–140	Rh	35.38	3.0		8.34	27.60	177.60	—	—	—	0.00	41.33	282.95	13.64	62.87	5.74	75.17	58.22	1149.72	6.51	1629.82	3.15	2.14	84.52	90.79	1.22	0.35	0.26
12H-1, 135–140	Rh	37.98	3.5		7.97	23.13	150.30	249.81	0.97	0.50	0.00	37.55	245.80	11.73	53.24	5.20	66.93	55.86	1062.84	6.50	1378.23	4.15	1.71	73.99	103.88	1.12	0.33	0.22
13H-1, 135–140	Rh	41.28	8.0		7.80	22.43	138.10	230.92	0.94	0.23	0.00	40.33	235.36	11.53	50.11	6.12	74.73	58.33	1122.31	7.26	1337.53	2.52	1.53	70.82	109.69	1.09	0.34	0.22
14H-2, 135–140	Rh	44.58	6.5		7.72	19.24	121.30	211.53	0.81	0.69	0.00	35.54	218.14	9.80	42.67	9.95	84.47	50.09	1207.05	6.18	1082.23	1.85	1.31	99.29	134.33	0.88	0.22	0.06
15H-1, 135–140	Rh	47.88	2.2		7.82	14.13	85.10	165.27	0.67	0.04	0.00	28.73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16H-1, 135–140	Rh	51.18	7.0		7.57	12.45	46.90	162.38	0.63	0.03	0.00	22.97	128.27	3.96	20.76	19.44	113.28	38.37	1249.78	77.99	281.57	1.93	0.29	471.66	22.02	0.06	0.12	0.00
17H-1, 96–101	Rh	54.09	11.0		7.60	10.47	31.30	165.55	0.50	1.61	0.00	14.81	123.88	2.71	17.78	21.67	127.25	46.10	707.50	20.02	132.09	3.52	0.03	332.17	5.86	0.00	0.00	0.00
18H-1, 135–140	Rh	56.68	4.0		7.57	9.29	15.40	129.17	0.41	0.02	0.00	6.13	82.73	1.32	14.43	30.27	153.96	40.87	782.98	52.28	66.60	5.74	0.01	658.61	6.81	0.00	0.00	0.02
19H-1, 135–140	Rh	59.98	5.0		7.54	8.33	6.30	120.86	0.34	0.02	0.00	2.30	60.50	0.68	10.92	30.69	132.16	22.86	729.57	25.02	59.29	3.74	0.01	915.75	7.19	0.00	0.00	0.02
20H-1, 135–140	Rh	63.28	5.0		6.97	7.70	3.30	116.18	0.28	0.07	0.00	0.70	59.77	0.48	11.04	36.93	136.38	12.86	584.30	15.86	64.01	5.49	0.01	1698.63	39.43	0.00	0.00	0.00
21H-1, 135–140	Rh	66.58	4.0		6.96	7.80	3.00	114.18	0.22	0.10	0.00	0.38	55.94	0.41	8.83	30.81	118.69	16.38	502.40	14.15	55.96	17.53	0.00	1148.72	58.39	0.00	0.00	0.02
22H-1, 135–140	Rh	69.88	7.0		7.12	8.07	3.60	120.76	0.19	0.04	0.00	0.33	63.85	0.46	8.24	27.80	122.23	20.99	505.61	14.35	48.28	4.08	0.00	749.22	52.53	0.00	0.00	0.02
23H-1, 135–140	Rh	73.18	5.0		7.31	8.86	4.10	136.72	0.18	0.14	0.00	0.34	78.03	0.47	7.70	24.17	126.00	23.54	457.18	11.27	49.21	1.56	0.00	640.88	39.32	0.00	0.00	0.02
24H-1, 135–140	Rh	76.50	6.0		7.36	10.30	4.00	155.80	0.17	0.08	0.00	0.39	100.48	0.54	8.31	22.57	157.84	24.19	465.37	10.88	74.74	1.74	0.00	596.83	35.57	0.00	0.00	0.02
25H-1, 10–15	Rh	78.53	6.0		7.29	11.41	4.10	181.03	0.19	0.33	0.00	0.48	114.79	0.64	8.56	20.27	181.35	28.30	441.52	19.14	102.67	1.26	0.00	537.38	29.43	0.00	0.00	0.01
26H-1, 111–116	Rh	82.84	12.5		7.25	13.91	5.10	224.23	0.21	0.03	0.00	0.50	163.20	0.91	11.33	19.95	301.76	44.65	694.68	20.97	170.57	5.26	0.01	764.80	27.03	0.00	0.00	0.01
28X-1, 63–78	Rh	83.91	20.0		7.28	14.90	3.26	232.32	0.30	6.01	0.00	0.47	178.69	1.57	13.59	17.83	224.04	29.48	477.48	5.34	151.60	2.63	0.00	503.72	21.90	0.00	0.00	0.02
347-M0059B-																												
2H-1, 135–140	Rh	64.68	2.5		7.00	6.40	3.27	100.09	0.24	0.06	0.00	0.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3H-1, 135–140	Rh	67.98	4.0		7.07	6.35	4.04	95.46	0.19	0.01	0.00	0.28	37.59	0.30	6.84	24.35	90.44	3.58	381.70	10.91	33.11	1.67	0.00	863.10	48.69	0.00	0.00	0.00
4H-1, 135–140	Rh	71.28	3.5		7.32	6.30	4.00	100.85	0.16	0.01	0.00	0.26	47.32	0.35	6.82	23.32	100.51	4.06	426.92	12.09	34.59	3.82	0.00	574.45	43.65	0.00	0.00	0.00
5H-1, 135–140	Rh	74.58	9.5		7.28	7.31	4.33	121.09	0.16	0.06	0.00	0.27	69.51	0.43	7.44	23.05	117.32	20.56	445.08	12.12	46.43	1.11	0.00	613.84	41.21	0.00	0.00	0.02
6H-1, 135–140	Rh	77.88	2.0		7.73	8.12	3.86	134.63	0.15	0.07	0.00	0.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7H-1, 125–130	Rh	81.18	13.0		7.13	11.03	3.82	183.00	0.17	0.09	0.00	0.40	130.49	0.64	9.80	22.52	217.99	25.95	638.78	20.52	115.81	1.45	0.00	923.99	31.80	0.00	0.00	0.01
8H-1, 121–126	Rh	84.34	18.0		7.28	13.56	4.42	228.93	0.21	0.02	0.00	0.46	185.04	1.01	13.14	22.82	349.46	39.63	779.78	24.34	184.44	2.15	0.01	838.03	32.00	0.00	0.00	0.01
25P-1, 28–33	Rh	117.61	14.5		7.71	15.51	2.50	262.27	0.36	10.22	0.00	0.25	249.28	3.35	19.36	15.40	252.57	32.13	376.00	0.84	158.26	0.00	0.00	24.76	17.04	0.00	0.07	0.00
347-M0059C-																												
1H-1, 120–130	Sq	1.25	17.0		8.09	26.95	60.77	379.43	0.66	0.11	—	6.04	346.37	11.21	51.39	9.94	86.60	35.10	1569.17	0.76	1023.96	0.48	1.22	7.61	574.47	1.09	0.47	—
1H-2, 120–130	Sq	2.75	8.5		8.00	28.76	107.40	386.84	0.76	0.03	—	10.80	357.02	10.82	58.75	11.42	102.83	37.89	1422.11	2.03	1188.60	0.48	1.40	322.68	479.27	0.78	0.14	0.01
2H-1, 120–130	Sq	4.25	17.0		7.70	29.73	115.40	384.87	0.84	0.26	—	15.83	378.56	13.56	61.18	11.42	99.35	39.98	1364.79	2.34	1476.27	0.33	1.00	202.88	296.70	1.42	0.31	0.02
2H-2, 120–130	Sq	5.75	4.0		8.01	30.42	109.53	390.79	0.90	0.29	—	19.18	378.60	14.47	60.28	10.89	91.84	41.43	1210.25	2.04	1257.05	3.48	0.67	18.01	233.17	1.71	1.01	0.04
3H-1, 120–130	Sq	7.55	14.0		7.62	31.65	135.73	394.40	0.96	0.04	—	22.30	400.57	14.73	67.15	11.92	105.04	44.20	1226.99	4.07	1602.07	0.37	1.70	73.70	346.94	1.58	0.54	0.07
4H-2, 120–130	Sq	10.85	8.0		7.93	32.46	141.03	392.50	1.04	0.06	—	26.02	395.65	15.30	71.34	10.83	102.26	49.29	1252.27	7.31	1799.09	0.63	1.72	207.36	175.73	1.64	0.48	0.11
5H-1, 120–130	Sq	14.15	7.5		7.83	32.35	148.00	391.41	1.12	0.19	—	26.29	399.39	16.23	74.35	9.62	97.68	52.49	1199.57	8.68	1797.24	1.41	1.71	164.10	139.50	1.70	0.53	0.18
6H-1, 120–130																												
6H-2, 125																												
7H-1, 120–130																												
7H-2, 125																												
8H-1, 120–130																												
9H-1, 120–130	Sq	27.35	4.0		7.69	32.56	181.51	337.02	1.25	0.27	—	39.13	365.38	17.27	78.42	6.57	85.13	69.73	1239.81	5.52	1875.87	0.56	2.13	116.04	94.76	1.99	0.56	0.58
10H-1, 120–130	Sq	30.65	7.0		7.57	31.55	178.06	323.66	1.27	0.16	—	39.66	341.63	16.71	73.94	6.04	78.11	69.01	1171.44	4.95	1715.84	2.48	1.92	56.37	84.44	1.95	0.63	0.49
11H-2, 120–130	Sq	35.45	6.0		7.72	30.16	172.12	302.21	1.22	0.08	—	42.34	301.09	15.40	65.17	5.33	70.25	67.35	1132.63	3.92	1507.72	4.23	1.44	48.62	69.75	1.86	0.70	0.56
12H-2, 120–130	Sq	38.75	3.5		8.06	28.30	186.20	289.98	1.21	0.08	—	37.52	219.49	11.50	46.78	4.22	52.15	66.71	843.51	3.68	1036.91	0.15	0.89	5.68	59.72	1.79	0.86	0.49
13H-1, 135–145	Sq	40.70	2.0		8.09	25.20	148.07	252.04	0.95	1.36	—	35.37	256.15	13.00	53.28	5.44	71.92	—	1093.47	7.52	1233.93	0.41	1.32	20.15	96.95	—	—	—
14H-2, 45–55	Sq	43.10	7.0		8.03	23.00	135.72	236.82	0.93	0.85	—	36.45	236.49	12.43	46.25	6.46	69.64	60.15	1045.75	5.96	993.43	0.70	0.74	11.51	91.32	1.39	0.82	0.35
15H-1, 135–145	Sq	47.30	3.0		7.97	22.20	132.76	224.38	0.89	0.38	—	35.91	211.40	10.36	41.27	8.88	77.35	52.79	1071.03	7.52	889.56	0.59	0.76	30.84	100.31	0.96	0.47	0.13
16H-1, 130–140	Sq	48.17	5.0		8.18	19.28	90.47	242.72	0.87	1.71	—	32.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17H-2, 5–15	Sq	51.72	2.0		7.60	14.80	64.44	242.52	0.92	0.05	—	25.18	148.76	5.00	23.71	20.83	120.18	—	1299.27	98.89	305.34	0.56	0.11	229.74	17.31	—	—	—
18H-2, 10–20	Sq	55.07	5.0		7.49	11.85	32.10	164.06	0.56	0.01	—	12.65	131.23	2.90	20.92	27.22	168.57	47.85	844.22	123.36	121.91	0.52	0.01	251.05	3.11	0.00	—	0.01
19H-2, 10–20	Sq	58.37	6.0		7.38	10.16	14.83	151.49	0.45	0.01	—	4.91	90.08	1.29	15.58	33.36	165.49	39.97	717.46	58.38	47.82	0.48	0.00	376.58	4.24	0.00	—	0.00
20H-1, 135–145	Sq	61.42	8.0		7.02	8.85	6.80	140.89	0.36	0.01	—	1.70	66.72	0.64	11.40	33.36	138.21	22.48	624.89	27.22	49.67	1.04	0.00	893.37	6.88	0.00	—	0.02
21H-1, 135–145	Sq	64.72	6.0		7.15	8.36	3.30	136.38	0.10	0.02	—	0.50	62.64	0.52	10.22	33.81	128.62	16.48	447.93	16.14	57.35	1.26	0.00	936.34	50.51	0.00	—	0.02
22H-1, 130–140	Sq	67.97	6.0		7.07	8.36	4.30	137.71	0.23	0.04	—	0.34	68.51	0.51	8.92	30.64	128.97	21.19	479.26	16.81	48.10	0.93	0.00	672.93	59.72	0.00	—	0.02
23H-2, 5–15	Sq	71.52	7.0		7.13	8.85	4.40	148.82	0.20	0.08	—	0.34	89.82	0.61	9.00	28.67	146.66	26.29	518.43	17.18	56.70	0.96	0.00	615.63	44.76	0.00	—	0.02
24H-2, 10–20	Sq	74.87	0.5		7.77	—	4.50	—	—	—	—	0.45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25H-1, 130–140	Sq	77.87	12.0		7.15	11.08	4.60	190.32	0.20	0.03	—	0.39	136.19	0.80	9.46	22.29	215.13	30.57	557.24	22.55	122.38	1.78	0.00	814.04	30.03	0.00	—	0.02
26H-1, 135–145	Sq	81.22	17.0		7.24	12.50	5.00	219.64	0.21	0.01	—	0.50	169.03	1.08	11.77	22.08	303.58	39.49	639.49	26.22	170.01	0.96	0.00	637.30	29.07	0.00	—	0.02
347-M0059C-																												
1H-1, 69–74	Rh	0.72	29.0		7.88	25.05	54.08	370.71	0.59	1.10	2.45	3.43	325.62	9.01	43.57	8.42	68.82	24.16	1293.57	1.23	639.16	0.30	0.90	0.00	319.45	0.75	0.19	0.01
1H-2, 89–94	Rh	2.42	30.0		7.43	28.40	99.08	395.75	0.73	0.05	0.00	8.94	371.86	13.16	58.88	11.36	103.16	41.39	1485.85	7.72	1360.65	1.59	0.66	101.33	349.67	1.39	0.42	0.01
2H-1, 73–78	Rh	3.76	25.0		7.58	28.94	104.96	377.10	0.79	0.37	—	14.78	355.07	11.68	59.16	10.97	93.93	40.80	1255.47	2.60	1263.53	0.85	1.02	337.36	320.91	1.02	0.16	0.01
3H-1, 64–69	Rh	6.97	18.0		7.78	29.59	106.84	377.55	0.88	0.86	—	18.86	360.94	12.57	61.55	10.52	86.32	41.78	997.33	2.47	1200.63	1.52	1.03	74.85	317.27	1.11	0.74	0.05
3H-2, 75–80	Rh	8.58	—		7.58	31.37	132.88	388.67	0.97	0.06	—	21.77	384.86	13.26	68.42	11.34	98.32	47.99	1089.55	4.69	1358.80	0.48	1.73	143.25	316.17	1.26	0.33	0.03
4H-1, 106–111	Rh	10.69	23.0		7.73	31.48	147.40	385.58	1.00	0.19	—	25.14	377.95	13.37	69.12	10.13	91.97	48.61	1036.85	5.80	1209.88	0.37	1.47	198.76	172.27	1.38	0.25	0.06
5H-1, 100–105	Rh	13.93	15.0		7.65	32.18	163.64	376.17	1.05	0.21	—	27.99	382.21	14.14	74.59	9.66	95.66	52.08	1101.66	9.04	1576.17	1.48	1.85	261.26	140.89	1.44	0.32	0.13
6H-1, 79–84	Rh	17.02	12.0		7.64	31.91	167.24	366.38	1.10	0.24	—	30.07	357.20	13.95	72.13	7.94	85.21	11.06	1019.05	7.57	1459.62	0.56	1.69	114.78	140.74	0.22	0.06	0.03
7H-1, 112–117	Rh	20.65	13.0		7.79	31.86	175.80	357.47	1.17	0.23	—	34.99	378.60	15.53	80.02	7.12	80.24	61.95	1058.93	4.84	1456.85	1.96	1.23	95.30	122.25	1.59	0.40	0.28
8H-1, 105–110	Rh	23.88	9.0		7.92	31.37	169.08	—	—	—	—	37.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9H-1, 71–76	Rh	26.84	7.0		7.85	30.48	176.48	—	—	—	—	37.26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10H-1, 100–105	Rh	30.43	7.0		—	30.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11H-1, 135–140	Rh	34.08	6.0		—	28.65	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12H-1, 71–76	Rh	36.74	4.0		8.09	26.71	160.48	280.19	1.07	0.23	—	38.88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13H-1, 110–115	Rh	40.43			—	23.90	—	255.31	0.95	1.41	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14H-1, 21–26	Rh	42.84			—	22.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15H-1, 91–96	Rh	44.46			—	21.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16H-1, 103–108	Rh	47.88			—	17.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17H-1, 130–135	Rh	51.45			—	14.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18H-1, 78–83	Rh	54.23			—	12.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19H-1, 110–115	Rh	57.85			—	9.56	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20H-1, 110–115	Rh	61.15			—	9.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21H-1, 110–115	Rh	64.24			—	8.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22H-1, 110–115	Rh	67.75			—	8.21	—	130.71	0.23	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23H-1, 135–140	Rh	71.30			—	9.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24H-1, 68–73	Rh	73.93			7.19	9.94	4.27	156.72	0.20	0.15	—	—	107.83	0.68	9.39	27.55	169.25	26.26	535.16	13.18	84.08	1.56	0.00	769.45	45.54	0.00	0.10	0.02
25H-1, 75–80	Rh	77.30			—	11.39	—	187.75	0.20	0.07	—	—	132.71	0.76	9.58	23.24	209.88	31.05	560.09	20.86	126.72	1.74	0.00	888.17	32.02	0.00	0.11	0.02
26H-1, 110–115	Rh	80.95			—	12.96	—	216.60	0.21	0.22	—	—	148.80	0.88	10.73	20.27	268.55	41.87	686.13	20.86	155.95	1.52	0.00	776.61	27.76	0.00	0.13	0.01
347-M0059D-																												
1H-1, 135–140	Rh	1.38	32.0		7.59	27.04	86.24	379.30	0.67	0.10	0.00	6.06	341.37	10.50	52.62	10.14	87.98	34.23	1502.94	1.08	1050.78	0.00	1.53	25.28	616.51	0.97	0.17	0.00
1H-2, 66–71	Rh	2.19	30.0		7.70	28.23	97.56	381.89	0.72	0.03	0.00	9.16	355.81	11.22	58.38	11.46	103.02	40.46	1523.23	1.76	1294.98	0.44	1.73	281.85	562.27	1.13	0.16	0.01
2H-1, 135–140	Rh	3.18	18.0		7.45	29.14	111.96	382.01	0.80	0.07	0.00	14.23	345.24	11.46	57.15	10.93	96.28	43.55	1278.62	2.61	1321.80	0.41	1.42	373.53	350.94	1.36	0.14	0.01
2H-2, 135–140	Rh	4.68	12.0		7.65	29.47	121.12	380.64	0.85	0.04	—	16.70	349.46	11.90	58.38	10.88	92.83	41.38	1209.90	2.89	1356.03	0.85	1.45	238.34	281.77	1.36	0.19	0.00
3H-1, 135–140	Rh	6.48	15.0		7.32	30.97	140.64	385.48	0.95	0.04	—	21.28	364.07	12.74	64.35	11.10	95.59	43.80	1054.66	4.33	1438.35	0.85	1.77	122.61	332.74	1.45	0.32	0.02
3H-2, 135–140	Rh	7.98	9.0		7.54	29.63	117.64	375.51	0.88	0.07	—	19.49	356.20	12.38	60.93	11.00	92.81	41.46	1076.73	3.10	1403.20	2.26	1.68	150.45	338.75	1.26	0.29	0.02
4H-1, 135–140	Rh	9.78	23.0		7.16	32.00	158.16	388.46	1.03	0.04	—	24.74	343.02	12.57	64.64	9.46	88.77	48.44	1043.97	7.37	1443.90	0.41	1.65	273.44	152.12	1.35	0.30	0.09
4H-2, 135–140	Rh	11.28	18.0		7.30	30.92	148.04	394.66	1.02	0.06	—	23.75	359.50	12.99	65.75	10.42	93.60	44.79	1050.38	6.31	1500.32	2.71	1.75	213.45	238.45	1.19	0.34	0.06
5H-1, 135–140	Rh	13.08	21.0		7.28	31.89	164.48	377.42	1.05	0.22	—	27.22	352.72	13.30	68.26	9.14	89.40	47.63	1052.52	9.04	1553.97	1.26	1.74	280.78	127.54	1.15	0.32	0.11
5H-2, 135–140	Rh	14.58	15.0		7.58	32.67	170.28	377.43	1.09	0.04	—	29.69	361.55	14.04	71.01	8.93	90.74	55.44	1064.63	8.77	1598.37	1.78	1.82	215.95	146.51	1.43	0.42	0.15
6H-1, 135–140	Rh	16.38	13.0		7.46	32.44	174.52	367.93	1.11	0.14	—	29.38	350.67	13.86	71.22	8.08	86.12	54.86	1036.85	8.85	1548.42	0.59	1.85	150.74	151.12	1.50	0.47	0.18
6H-2, 135–140	Rh	17.88	12.0		7.58	32.61	170.28	365.13	1.14	0.06	—	33.10	372.34	15.01	77.80	8.20	91.85	57.57	1108.06	9.26	1642.77	1.93	2.02	142.18	153.17	1.53	0.49	0.22
7H-1, 135–140	Rh	19.68	11.0		7.63	32.33	189.36	351.82	1.17	0.08	—	35.26	343.02	13.99	72.54	7.01	81.96	57.92	1042.91	7.89	1557.67	1.19	1.91	125.56	133.57	1.45	0.45	0.22
7H-2, 135–140	Rh	21.18	16.0		7.59	31.98	185.88	352.26	1.15	0.30	—	33.40	339.67	13.87	70.81	6.95	80.93	55.27	1006.23	7.90	1548.42	1.04	1.84	133.98	132.06	1.31	0.43	0.20
8H-1, 135–140	Rh	22.98	10.0		7.72	31.87	186.64	344.97	1.18	0.04	—	37.43	346.63	14.67	75.95	6.71	82.85	62.56	1127.29	6.00	1651.10	1.04	2.13	149.38	109.41	1.36	0.42	0.30
9H-1, 135–140	Rh	26.28	8.0		7.68	31.18	197.76	327.24	1.18	0.04	—	38.04	335.19	14.70	74.72	6.48	80.13	61.63	1105.57	5.87	1633.52	2.52	2.19	129.63	95.73	1.38	0.40	0.31
10H-1, 134–139	Rh	29.57	8.0		7.52	30.10	197.76	319.09	1.23	0.05	—	38.35	323.44	14.62	72.95	6.19	77.86	64.33	1090.26	5.40	1689.02	0.44	2.19	120.83	106.16	1.58	0.37	0.34
11H-1, 135–140	Rh	32.88	3.0		7.47	27.35	179.64	275.34	1.06	0.12	—	37.12	284.86	13.31	64.51	5.34	70.04	52.64	1020.47	4.63	1551.20	0.78	1.93	95.34	104.95	1.18	0.33	0.25
12H-1, 135–140	Rh	36.18	6.0		7.44	26.55	173.88	267.22	1.08	0.05	—	37.43	264.94	12.53	61.26	5.31	70.16	61.99	1021.90	6.64	1515.12	0.63	2.04	130.13	89.01	1.33	0.42	0.30
13H-1, 135–140	Rh	39.48	3.5		7.14	23.12	148.16	236.51	0.95	0.17	—	35.88	231.01	10.98	52.54	5.06	66.34	44.04	993.77	8.39	1353.25	1.45	1.84	125.53	114.47	0.74	0.27	0.14
14H-1, 135–140	Rh	42.78	5.0		7.36	21.75	145.96	223.75	0.91	0.06	—	36.19	221.66	10.36	49.21	6.20	74.16	56.55	1051.45	8.24	1263.53	0.37	1.69	114.19	100.77	0.90	0.40	0.18
15H-1, 135–140	Rh	46.08	5.0		7.31	18.43	121.12	196.14	0.77	0.33	—	33.41	190.56	8.25	40.06	9.67	79.96	49.10	1052.52	9.27	904.45	2.78	1.47	179.25	152.63	0.45	0.24	0.04
16H-1, 135–140	Rh	49.38	1.0		6.90	11.40	73.24	—	—	—	—	23.51	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17H-1, 134–139	Rh	52.67	1.0		7.01	11.70	55.20	—	—	—	—	19.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18H-1, 135–140	Rh	55.98	3.5		7.02	11.20	33.20	141.28	0.50	0.01	—	13.03	91.69	1.87	15.59	21.40	125.66	42.17	621.68	84.40	82.14	1.41	0.01	339.51	2.69	0.00	—	0.00
19H-1, 135–140	Rh	59.28	4.0		7.00	9.40	15.80	127.94	0.40	0.01	—	5.48	70.99	1.02	12.89	27.77	137.87	35.24	660.14	45.46	46.25	1.15	0.00	541.50	3.95	0.00	—	0.02
20H-1, 135–140	Rh	62.58	7.0		7.15	8.70	6.40	123.89	0.33	0.08	—	1.92	52.81	0.48	9.92	28.92	118.81	17.27	583.94	20.78	43.29	2.19	0.00	1093.03	5.22	0.00	—	0.01
21H-1, 135–140	Rh	65.88	5.0		7.21	7.90	4.70	113.14	0.25	0.03	—	0.55	49.02	0.35	8.87	30.59	110.98	12.78	410.54	11.70	39.87	1.82	0.00	1385.62	51.71	0.00	—	0.02
22H-1, 135–140	Rh	69.18	8.0		7.26	8.20	4.50	118.65	0.21	0.21	—	0.40	58.20	0.40	8.62	28.92	115.38	17.52	383.83	15.21	40.33	1.07	0.00	667.02	58.28	0.00	—	0.02
23H-1, 135–140	Rh	72.48	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24H-1, 135–140	Rh	75.78	8.0		7.20	9.20	4.90	140.17	0.17	0.08	—	0.38	85.69	0.44	8.31	24.67	140.61	21.47	405.91	15.20	49.21	0.96	0.00	597.01	40.26	0.00	—	0.02
25H-1, 135–140	Rh	79.08	15.0		7.15	10.80	5.20	170.65	0.18	0.02	—	0.44	117.62	0.57	9.46	23.48	191.17	23.28	507.39	21.98	87.13	1.26	0.01	893.19	29.71	0.00	—	0.01
26H-1, 135–140	Rh	82.38	35.0		7.11	13.30	4.80	212.16	0.22	2.03	—	0.56	173.42	1.01	13.33	23.53	283.61	29.53	533.74	26.52	142.08	1.48	0.00	776.26	27.30	0.00	—	0.02
27H-1, 135–140	Rh	85.68	35.0		7.25	14.72	5.20	239.89	0.25	2.60	—	0.47	170.51	1.57	14.31	16.61	268.55	39.94	472.49	19.89	160.02	2.48	0.00	473.99	20.02	0.00	—	0.02
347-M0059E-																												
1H-1, 120–130	Sq	1.25	13.0		7.70	26.96	79.50	378.65	0.64	0.07	0.02	5.90	340.50	10.21	51.47	9.74	82.91	28.47	1563.47	0.98	923.50	0.07	1.37	1.07	539.88	0.76	0.19	0.01
1H-2, 125	Sq	2.75	14.0		7.38	29.00	102.50	380.75	0.74	0.04	0.00	11.79	337.06	11.26	55.59	10.41	90.77	37.86	1298.56	1.47	1223.75	0.22	0.55	155.36	367.51	1.04	0.19	0.01
2H-1, 125–135	Sq	4.60	23.0		7.22	30.30	121.50	389.95	0.85	0.03	0.00	14.02	374.95	12.88	63.20	11.76	100.62	40.21	1340.57	2.64	1498.47	0.44	1.51	367.98	324.00	1.16	0.22	0.02
2H-2, 125	Sq	6.05	6.0		7.58	30.25	125.70	381.76	0.88	0.06	—	17.52	353.28	12.46	60.56	10.84	89.07	39.95	1151.86	2.08	1377.30	0.00	1.07	174.34	287.60	1.28	0.26	0.02
3H-1, 120–130	Sq	7.85	22.0		7.00	31.81	141.30	391.78	0.94	0.03	—	19.47	370.38	13.21	66.49	11.55	98.24	41.98	1135.84	3.87	1568.77	0.22	1.81	135.82	347.48	1.41	0.41	0.05
3H-2, 120	Sq	9.30	4.5		7.64	31.13	141.60	380.69	0.94	0.03	—	22.85	336.06	12.53	60.23	9.69	82.33	—	954.96	3.02	1306.08	0.00	0.91	68.51	246.46	—	—	—
4H-1, 135–145	Sq	11.30	20.0		7.05	32.85	157.60	390.31	1.03	0.03	—	24.40	396.30	14.79	73.77	11.04	102.18	47.49	1230.91	7.30	1717.69	0.41	1.84	267.53	182.57	1.48	0.40	0.08
4H-2, 130	Sq	12.70	6.0		7.59	31.97	159.40	382.16	1.03	0.05	—	26.93	361.16	13.80	69.99	9.73	90.77	51.40	1104.50	7.80	1504.02	0.48	1.38	256.07	127.87	1.41	0.28	0.11
5H-1, 130–140	Sq	14.55	15.0		6.96	33.43	173.30	386.35	1.10	0.07	—	29.21	361.29	14.12	71.63	9.13	90.33	52.46	1090.26	7.92	1615.95	0.26	1.68	215.06	140.69	1.44	0.48	0.19
5H-2, 135	Sq	16.05	10.0		7.58	32.95	176.40	348.01	0.99	0.08	—	31.15	388.78	16.09	77.35	8.83	84.50	54.06	1060.00	4.98	1585.42	0.59	0.75	106.58	162.51	1.44	0.56	0.28
6H-1, 135–145	Sq	17.90	17.0		7.01	33.58	184.90	375.09	1.15	0.04	—	32.45	372.21	15.13	77.64	8.34	91.89	56.27	1144.38	8.93	1763.94	0.33	2.02	143.52	158.54	1.46	0.57	0.29
6H-2, 135	Sq	19.35	6.0		7.63	32.84	182.30	366.84	1.15	0.13	—	33.75	337.97	14.12	70.19	7.04	79.13	57.20	993.06	6.77	1452.22	0.22	1.47	93.42	129.76	1.52	0.41	0.24
7H-1, 130–140	Sq	21.15	16.0		7.19	33.58	197.20	366.59	1.21	0.05	—	35.37	350.37	14.99	75.87	7.04	83.60	61.63	1148.30	6.41	1751.92	0.33	1.98	153.44	121.48	1.48	0.61	0.40
7H-2, 135	Sq	22.65	4.0		7.72	32.15	179.50	345.84	1.16	0.03	—	36.99	355.20	15.17	76.16	6.81	81.28	59.57	1141.89	4.03	1602.07	0.22	1.70	80.53	107.16	1.56	0.37	0.27
8H-2, 15–25	Sq	24.80	17.0		7.08	33.37	206.10	350.81	1.24	0.04	—	38.29	361.94	16.13	79.04	6.77	83.62	63.41	1215.24	4.63	1812.04	0.44	2.01	120.82	118.26	1.70	0.56	0.47
9H-2, 30–40	Sq	28.25	11.0		7.16	31.65	189.40	329.08	1.19	0.66	—	38.94	346.41	16.04	75.38	6.22	76.32	62.82	1144.38	3.36	1728.79	0.37	1.60	79.18	89.92	1.69	0.66	0.49
10H-2, 60–70	Sq	31.85	6.0		7.76	31.67	200.60	318.41	1.18	0.36	—	41.54	333.45	15.60	73.77	6.08	77.21	63.42	1141.89	4.67	1630.75	1.82	1.98	95.68	96.42	1.50	0.49	0.42
11H-2, 5–15	Sq	34.60	16.0		7.52	30.34	198.40	300.14	1.20	0.16	—	41.50	330.23	16.22	73.52	6.05	80.59	63.25	1291.79	5.05	1854.59	0.41	2.16	108.68	96.16	1.36	0.48	0.45
12H-1, 5–15	Sq	36.40	6.0		7.75	27.62	179.50	273.10	1.12	0.04	—	40.90	265.81	13.11	60.36	5.40	70.09	62.05	1073.53	6.85	1472.57	0.44	1.85	72.59	93.14	1.12	0.46	0.35
13H-1, 10–20	Sq	39.75	6.0		7.79	25.32	168.10	253.89	1.05	0.03	—	40.90	272.90	13.68	60.32	5.98	79.92	65.41	1266.51	8.28	1547.50	0.44	1.89	62.98	166.33	1.40	0.53	0.46
14H-2, 10–20	Sq	44.55	7.0		7.37	22.90	142.40	229.95	0.90	0.65	—	33.92	215.05	10.00	45.01	7.19	74.81	53.00	1120.88	7.14	1140.51	0.56	1.39	64.20	199.50	0.89	0.37	0.18
15H-2, 10–20	Sq	47.85	9.0		7.30	26.25	123.60	201.33	0.79	0.11	—	32.56	178.82	7.77	35.67	11.68	82.81	46.71	1097.74	9.34	811.03	0.44	0.99	124.13	144.29	0.62	0.28	0.08
16H-2, 10–20	Sq	51.15	3.5		7.35	16.41	102.20	179.64	0.67	0.03	—	26.45	151.54	5.39	26.26	18.19	105.02	33.90	1293.57	47.57	428.27	1.07	0.45	350.26	33.06	0.21	0.16	0.04
17H-2, 10–20	Sq	54.45	7.0		7.17	12.65	53.40	160.44	0.60	0.03	—	18.31	137.19	3.67	22.80	23.89	148.03	46.05	987.36	96.19	210.43	0.48	0.06	304.59	12.56	0.11	—	0.02
18H-2, 10–20	Sq	57.74	12.0		6.92	9.67	23.60	144.51	0.48	0.00	—	7.73	94.56	1.57	17.28	29.74	166.86	48.62	859.18	71.29	76.77	0.56	0.00	500.67	5.32	0.00	—	0.02
19H-2, 10–20	Sq	61.05	11.0		7.07	8.11	8.00	130.25	0.37	0.00	—	2.58	59.63	0.70	11.66	30.42	134.79	25.47	583.94	33.58	39.13	0.82	0.00	605.25	4.68	0.00	—	0.02
20H-2, 10–20	Sq	64.35	11.0		6.88	7.43	4.20	122.83	0.31	0.01	—	0.75	47.76	0.38	9.91	31.36	116.53	13.11	453.62	16.90	41.81	1.30	0.00	1000.09	21.86	0.00	—	0.02
21H-2, 10–20	Sq	67.65	8.0		6.86	7.33	4.40	119.22	0.24	0.01	—	0.34	47.28	0.37	8.66	29.89	110.11	16.04	454.69	14.91	36.54	1.33	0.00	1067.06	49.46	0.00	—	0.02
22H-2, 10–20	Sq	70.94	7.5		6.95	7.48	4.80	124.46	0.20	0.02	—	0.26	58.42	0.40	8.64	28.89	120.98	20.63	489.59	14.24	38.66	0.82	0.00	644.46	57.50	0.00	—	0.02
23H-2, 15–25	Sq	74.30	21.0		7.00	7.80	5.60	135.79	0.18	0.06	—	0.27	71.20	0.44	7.93	25.35	123.37	22.91	489.59	11.35	41.81	1.04	0.00	683.32	42.05	0.00	—	0.02
24H-2, 5–15	Sq	77.50	12.0		6.89	10.67	6.00	156.03	0.18	0.11	—	0.43	91.91	0.47	8.50	23.90	144.94	24.28	457.18	8.79	53.37	0.85	0.00	613.66	40.77	0.00	—	0.02
25H-2, 10–20	Sq	80.85	12.0		7.01	9.05	6.10	184.55	0.18	0.07	—	0.29	120.44	0.61	9.71	22.96	203.15	28.18	521.63	12.93	86.86	1.04	0.00	748.68	34.38	0.00	—	0.02
26H-2, 15–25	Sq	84.20	23.0		7.05	10.67	5.60	218.29	0.20	0.01	—	0.32	175.29	0.97	12.75	23.55	316.37	36.41	747.73	23.24	165.76	1.45	0.01	1122.93	33.20	0.06	—	0.02
347-M0059E-																												
1H-1, 70–75	Rh	0.73	44.0		—	24.97	—	373.33	0.59	1.44	—	—	307.26	8.94	41.31	8.01	66.17	22.81	1267.58	0.48	630.84	0.22	0.83	0.00	293.24	1.01	0.22	0.02
1H-2, 70–75	Rh	2.23	18.0		—	28.25	—	381.01	0.71	0.08	—	—	359.72	11.53	59.33	11.64	105.01	35.73	1573.08	1.68	1333.83	0.41	1.68	251.41	543.70	1.18	0.10	0.01
2H-1, 75–80	Rh	4.08	25.0		—	29.25	—	380.85	0.81	0.26	—	—	354.68	12.07	60.32	11.23	97.64	39.86	1357.31	2.42	1406.90	1.59	1.36	315.52	319.09	1.26	0.13	0.02
2H-2, 80	Rh	5.60	11.0		—	29.98	—	386.89	0.87	0.09	—	—	366.12	13.05	61.51	11.13	92.22	41.33	1235.89	2.03	1421.70	1.93	0.96	180.50	277.22	1.43	0.20	0.03
3H-1, 70–75	Rh	7.33	15.0		—	30.13	—	381.54	0.90	0.12	—	—	360.20	12.85	64.35	11.45	98.03	43.54	1162.19	3.20	1467.95	0.44	1.68	123.16	339.11	1.44	0.28	0.03
3H-2, 65–70	Rh	8.78	21.0		—	31.07	—	390.81	0.97	0.15	—	—	358.81	12.98	63.32	10.80	92.84	45.71	1095.60	3.60	1464.25	0.41	1.49	98.56	301.79	1.55	0.28	0.04
4H-1, 85–90	Rh	10.78	19.0		—	31.59	—	385.69	0.96	0.13	—	—	351.94	12.89	64.68	9.98	90.87	49.40	1115.90	6.07	1467.95	2.00	1.62	198.76	179.04	1.70	0.30	0.09
4H-2, 73–78	Rh	12.16	9.0		—	31.75	—	384.49	0.99	0.06	—	—	361.55	13.67	67.72	9.86	93.21	48.24	1167.17	7.78	1572.47	1.00	1.69	260.36	141.29	1.61	0.29	0.09
5H-1, 105–110	Rh	14.28	22.0		—	32.43	—	381.95	1.08	0.08	—	—	364.38	14.14	70.85	9.28	91.94	50.41	1119.46	7.78	1609.47	0.33	1.68	188.56	135.30	1.63	0.30	0.14
5H-2, 104–109	Rh	15.77	19.0		—	31.96	—	378.31	1.11	0.06	—	—	378.99	15.10	75.95	9.23	94.27	55.15	1160.05	7.31	1691.80	0.22	1.78	121.78	154.34	1.65	0.34	0.18
6H-1, 100–110	Rh	17.55	17.0		—	32.33	—	369.40	1.12	0.18	—	—	386.12	15.74	78.87	8.76	94.89	57.24	1187.82	8.94	1758.39	1.00	1.99	122.07	162.49	1.69	0.40	0.21
6H-2, 104–109	Rh	19.07	11.0		—	32.01	—	364.34	1.14	0.11	—	—	339.67	14.07	70.52	7.26	82.09	57.66	1051.09	7.29	1545.65	0.56	1.75	100.83	130.87	1.71	0.40	0.23
7H-1, 95–100	Rh	20.78	13.0		—	32.12	—	357.58	1.17	0.06	—	—	351.67	14.97	74.92	7.16	84.67	60.02	1130.85	7.33	1680.70	0.56	1.97	125.81	120.54	1.80	0.36	0.25
8H-2, 130–135	Rh	25.93	8.0		—	31.02	—	331.58	1.19	0.05	—	—	334.67	14.86	74.14	6.40	78.70	62.04	1116.61	4.71	1645.55	0.37	1.95	83.14	99.55	1.72	0.38	0.31
9H-2, 130–135	Rh	29.23	6.0		—	29.87	—	312.99	1.18	0.11	—	—	316.70	14.52	70.15	5.93	76.33	46.66	1076.73	5.30	1668.67	0.67	2.10	140.05	86.52	1.24	0.28	0.26
10H-2, 25–30	Rh	31.48	7.5		—	29.66	—	309.65	1.17	0.10	—	—	328.84	15.12	74.47	6.22	80.04	55.84	1120.17	5.53	1681.62	0.48	2.25	137.00	95.69	1.56	0.31	0.28
11H-2, 130–135	Rh	35.83	4.0		—	27.00	—	274.59	1.10	0.05	—	—	272.03	13.00	62.66	5.32	71.02	60.73	1067.47	5.51	1560.45	0.63	2.07	129.70	78.83	1.58	0.36	0.36
12H-2, 131–136	Rh	39.14	8.0		—	25.07	—	258.19	1.05	0.15	—	—	277.99	13.50	62.74	5.97	78.50	60.31	1208.47	10.03	1659.42	3.97	2.20	139.96	123.74	1.22	0.37	0.26
13H-2, 135–145	Rh	42.50	9.0		—	22.88	—	237.34	0.96	0.33	—	—	232.06	11.58	50.73	5.73	71.33	32.95	1068.19	6.82	1274.63	0.07	1.28	60.49	92.16	0.65	0.16	0.11
14H-2, 116–121	Rh	45.59	6.0		—	20.37	—	207.16	0.87	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15H-2, 115–120	Rh	48.88	2.0		—	15.94	—	167.98	0.69	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16H-2, 117–122	Rh	52.20	8.0		—	14.89	—	45.75	0.17	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17H-2, 119–124	Rh	55.52	5.0		—	10.90	—	147.25	0.53	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18H-2, 117–122	Rh	58.79	8.0		—	8.63	—	134.43	0.43	0.04	—	—	83.51	1.29	15.03	31.16	160.47	39.55	749.15	55.52	64.75	1.45	0.01	773.93	4.39	0.00	—	0.02
19H-1, 117–122	Rh	60.60	9.0		—	8.06	—	126.76	0.38	0.00	—	—	61.42	0.72	11.72	30.09	134.33	27.27	729.57	30.96	52.54	6.60	0.01	1014.41	4.02	0.00	—	0.02
20H-2, 115–120	Rh	65.38	3.0		—	7.41	—	111.54	0.27	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21H-2, 130–135	Rh	68.83	4.0		—	7.57	—	114.57	0.21	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22H-2, 130–135	Rh	72.12	11.0		—	8.00	—	—	—	—	—	—	60.11	0.42	7.79	26.07	114.70	22.07	465.73	13.45	45.97	1.19	0.00	683.14	47.87	0.00	—	0.03
23H-2, 135–140	Rh	75.48	10.0		—	8.78	—	136.97	0.17	0.07	—	—	93.95	0.58	9.63	29.89	156.13	22.22	545.13	12.20	66.04	1.22	0.00	785.21	50.82	0.00	—	0.02
24H-2, 135–140	Rh	78.73	6.0		—	9.78	—	156.71	0.17	0.09	—	—	112.79	0.63	9.58	25.65	178.16	23.08	482.46	9.92	82.14	1.07	0.00	640.70	41.10	0.00	—	0.02
25H-2, 130–135	Rh	82.03	7.0		—	11.51	—	188.91	0.18	0.02	—	—	147.24	0.83	11.11	24.09	248.12	27.91	438.67	24.98	133.94	0.59	0.00	234.22	34.04	0.00	—	0.00
26H-2, 130–135	Rh	85.33	34.0		—	12.93	—	215.08	0.20	0.03	—	—	179.43	1.00	13.23	25.10	330.75	35.77	803.99	24.61	181.94	2.63	0.01	1104.84	34.97	0.00	—	0.02
Reference samples																												
R2 salt brine mud 1	—	—	—		7.45	170.07	2.35	3448.94	0.00	17.47	0.00	0.00	3372.77	5.85	14.36	12.48	420.57	6.06	35.78	8.98	137.36	0.22	0.01	13.54	6.46	0.73	0.08	0.06
R3 seawater from mud pump	—	—	—		7.69	16.87	2.14	265.91	0.33	11.68	0.00	0.00	254.37	4.99	23.53	5.07	45.41	11.86	7.62	3.18	187.77	0.56	0.01	0.00	2.87	0.63	0.06	0.00
R4 grease 1 drill pipe	—	—	—		6.28	2.56	0.26	0.18	0.00	0.01	0.00	0.02	0.00	0.00	0.00	0.01	0.13	1.18	0.57	4.69	8.69	0.00	0.01	0.00	2.86	0.00	0.00	0.13
R5 grease 2 pipes	—	—	—		6.51	3.04	0.27	0.09	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.04	0.08	0.29	0.00	4.05	6.94	0.00	0.01	0.00	2.86	0.00	0.00	0.22
R6 grease 3 core barrel	—	—	—		6.54	4.49	0.26	0.08	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.03	0.07	0.29	1.53	3.90	6.47	0.00	0.01	0.00	2.86	0.00	0.00	0.12
R7 grease 4 “moly” piston rod grease	—	—	—		4.34	0.00	0.11	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.41	0.00	0.43	5.09	0.00	0.01	0.00	2.86	0.00	0.00	0.19
R8 grease 5 pipe thread	—	—	—		6.30	5.56	0.23	0.39	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.05	1.57	0.61	3.01	6.94	0.00	0.01	0.00	2.86	0.34	0.00	0.10
R9 tap water GC	—	—	—		6.49	0.00	0.26	5.06	0.01	0.04	0.00	0.00	4.65	0.14	0.05	0.03	0.24	0.90	7.23	8.71	104.80	0.22	0.01	0.00	2.89	0.36	0.00	0.13
R10 H_2Od ELGA	—	—	—		6.21	0.00	0.35	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.38	0.53	1.30	9.99	0.37	0.01	0.00	2.86	0.34	0.00	0.12
R11 mud 2 (GS550)	—	—	—		7.74	41.48	9.62	643.71	0.49	20.60	0.00	1.36	807.31	9.05	41.80	8.83	98.60	19.35	23.11	1.69	343.63	1.63	0.01	8.99	5.15	1.06	0.08	0.00
R12 mud 3 (guar gum)	—	—	—		6.40	16.60	2.20	239.64	0.36	12.35	0.00	0.07	223.23	5.61	24.40	4.91	36.57	12.51	8.47	1.94	192.03	0.37	0.01	0.00	3.02	0.87	0.04	0.00
R13 seawater/drill water	—	—	—		7.83	14.94	2.21	241.08	0.36	8.87	0.00	0.00	216.62	5.09	24.56	4.96	37.02	12.67	5.70	1.88	190.27	0.00	0.01	0.56	2.93	0.79	0.06	0.00
R1 M0059/seawater	—	—	—		7.73	14.62	2.05	228.19	0.34	8.53	0.00	0.00	221.44	5.28	24.67	5.07	38.12	10.45	5.77	4.11	195.08	0.00	0.01	0.00	2.87	0.72	0.05	0.00
R32 BSB 3_59E_PFC 1–1 H/seawater	—	—	—		7.93	14.95	14.95	245.37	0.37	8.99	0.00	0.00	209.83	4.81	24.57	4.94	37.35	11.45	11.82	0.00	183.24	0.22	0.01	1.04	3.00	0.91	0.06	0.00
R33 M0059E_PFC 2–8 H/seawater	—	—	—		8.09	15.00	15.00	248.04	0.37	9.07	0.00	0.00	221.75	5.06	25.76	5.20	39.28	11.61	12.64	0.00	192.12	0.00	0.01	2.04	3.06	0.79	0.05	0.00
R34 M0059E_PFC 3–14 H/seawater	—	—	—		8.05	15.00	15.00	245.78	0.38	12.86	0.00	0.00	233.84	5.67	25.67	5.17	39.28	11.46	14.06	0.00	191.10	0.00	0.01	1.45	2.98	0.73	0.06	0.00
R35 M0059E_PFC 4–17 H/seawater	—	—	—		8.03	15.10	15.10	243.77	0.37	12.81	0.00	0.00	206.18	4.95	24.89	4.99	37.73	11.55	13.10	0.00	183.61	0.11	0.01	1.59	3.04	0.79	0.07	0.00
R36 M0059E_PFC 5–26 H/seawater	—	—	—		8.00	15.21	15.21	247.54	0.38	12.99	0.00	0.00	237.54	5.70	26.57	5.33	40.53	11.69	14.60	0.00	197.02	0.15	0.01	1.65	2.98	0.85	0.03	0.00
R37 M0059E_PFC 6–27 H/(GS550)	—	—	—		8.15	17.19	17.19	246.98	0.37	12.79	0.00	0.88	246.85	5.59	24.77	4.94	37.67	11.51	13.85	0.00	189.25	0.30	0.01	9.08	3.09	0.78	0.06	0.00

Rh = Rhizon sample, Sq = squeezed sample. ISE = ion-specific electrode, IC = ion chromatography, ICP-OES = inductively coupled plasma–optical emission spectroscopy. — = no data reported for samples with insufficient pore water volumes.