

APPENDIX F.

Rhenium, Carbon, Nitrogen, and Isotope Data

Table F1. Carbon, Nitrogen, isotope, and Rhenium data for core PTMC-3

Sample Depth (cm)	TOC (percent)	TN (percent)	¹³ C _{org} (‰ PDB)	¹⁵ N (‰ air)	C/N Ratio (wt/wt)	Leachable Re (ppb)	¹³ C _{carb} (‰ PDB)	¹⁸ O (‰ PDB)
1.0	1.89	0.21	-22.47	7.24	8.86	1.54		
7.0	1.84	0.21	-21.75	7.09	8.69	1.78		
11.0	2.71	0.32	-21.96	7.43	8.47	2.26		
17.0	1.78	0.20	-21.57	8.05	8.91	1.88		
21.0	2.86	0.29	-21.03	8.16	9.86	1.86	-2.66	-1.24
27.0	1.47	0.17	-21.60	8.06	8.76	1.48		
31.0	2.39	0.24	-22.32	7.06	9.96	3.06		
37.0	1.43	0.16	-22.38	6.28	8.93	1.67		
41.0	2.17	0.21	-21.12	7.26	10.33	2.21		
47.0	1.43	0.17	-21.97	6.94	8.57	1.55		
51.0	2.28	0.23	-21.00	6.73	9.91	2.16		
57.0	1.37	0.15	-22.03	6.84	9.15	2.02		
61.0	2.07	0.22	-22.26	6.44	9.41	1.92		
67.0	1.33	0.15	-21.81	6.62	9.08	1.23		
71.0	2.03	0.22	-22.33	6.63	9.23	1.88	-2.27	-1.32
77.0	1.33	0.15	-21.99	6.60	8.80	1.52		
81.0	1.86	0.20	-22.00	7.03	9.30	1.95	-3.26	-0.70
87.0	1.41	0.16	-21.75	7.13	9.03	1.35		
91.0	1.96	0.22	-21.53	6.69	8.91	1.78		
97.0	1.44	0.16	-21.75	6.07	9.04	1.47		
101.0	1.94	0.19	-22.48	7.21	10.21	1.87		
105.0	1.49	0.16	-21.91	7.09	9.14	1.26		
111.0	1.96	0.21	-21.61	6.46	9.33	1.79		
117.0	1.54	0.16	-22.27	7.16	9.43	1.52		
121.0	2.12	0.22	-21.95	6.21	9.64	1.64		
127.0	1.50	0.16	-22.06	5.50	9.40	1.59		
131.0	1.52	0.16	-22.31	5.59	9.50	1.47		
137.0	0.85	0.10	-22.55	4.50	8.74	1.29		
141.0	1.74	0.15	-22.62	4.72	11.60	1.61		
147.0	0.88	0.10	-22.33	6.41	8.85	1.52		
151.0	1.81	0.15	-22.06	5.89	12.07	2.23	-2.41	-0.14
157.0	0.98	0.12	-22.05	7.11	8.20	1.35		
161.0	1.34	0.14	-22.09	4.61	9.57	1.79	-1.55	-0.27
167.0	0.89	0.10	-22.43	5.33	9.06	1.28		
171.0	1.18	0.13	-22.19	5.09	9.08	1.40	-3.18	-0.77
177.0	0.94	0.10	-22.81	5.59	9.05	1.43		
181.0	1.22	0.13	-22.18	4.39	9.38	1.36	-1.71	-0.95
187.0	0.96	0.10	-22.59	3.70	9.21	1.35		
191.0	1.28	0.14	-22.15	5.11	9.14	1.83	-1.76	-0.42
199.0	1.18	0.13	-22.40	5.11	9.08	1.30		
211.0	1.15	0.13	-21.95	5.65	8.85	0.98	-2.19	-1.05
217.0	0.83	0.09	-22.20	5.41	9.08	0.97		
221.0	1.16	0.12	-22.49	5.24	9.67	1.18	-2.12	-1.65
227.0	1.16	0.13	-21.89	5.43	8.92	1.42	-1.21	0.07
231.0	1.39	0.16	-22.46	5.33	8.69	1.20	-1.57	-0.04
237.0	0.91	0.10	-22.71	5.12	9.24	1.37		
241.0	1.20	0.13	-22.34	5.42	9.23	1.18	-3.24	-0.57
247.0	1.09	0.12	-22.23	6.04	9.08	1.15		
257.0	0.84	0.09	-22.35	5.44	9.31	0.86		
261.0	0.90	0.10	-22.01	5.48	9.00	1.04		
267.0	0.90	0.09	-22.95	5.05	9.48	1.09		
271.0	1.51	0.16	-22.62	4.88	9.44	1.17		
277.0	0.87	0.09	-22.56	5.48	9.66	1.83		
281.0	1.02	0.11	-22.51	5.49	9.27	2.33		
287.0	0.95	0.10	-22.69	5.32	9.72	1.01		
291.0	1.10	0.12	-22.34	5.59	9.17	1.01		
295.0	0.82	0.09	-22.98	4.90	9.41	0.68		
301.0	1.14	0.13	-22.21	5.48	8.77	1.37		
307.0	0.67	0.07	-22.53	4.18	9.33	1.61		
311.0	0.92	0.10	-22.39	5.51	9.20	1.37	-3.16	-0.85
317.0	0.75	0.08	-22.70	4.82	9.45	0.94		
327.0	0.84	0.09	-22.76	5.40	9.46	0.91		
331.0	1.06	0.12	-22.08	5.61	8.83	0.76	-2.32	-0.65

Sample Depth (cm)	TOC (percent)	TN (percent)	$^{13}\text{C}_{\text{org}}$ (‰ PDB)	^{15}N (‰ air)	C/N Ratio (wt/wt)	Leachable Re (ppb)	$^{13}\text{C}_{\text{carb}}$ (‰ PDB)	^{18}O (‰ PDB)
337.0	1.12	0.11	-22.28	5.94	10.18	0.88	-2.68	-0.38
347.0	0.76	0.08	-22.37	5.29	9.57	1.48		
351.0	1.06	0.11	-22.44	6.37	9.64	1.77	-2.37	-1.04
357.0	0.81	0.08	-22.68	5.74	9.81	1.10		
361.0						1.44	-1.82	-1.53
365.0	0.81	0.09	-22.44	4.94	9.33	1.09		
371.0	1.06	0.12	-22.46	6.25	8.83	1.22	-1.06	-0.07
377.0	0.77	0.08	-21.93	4.62	9.53	1.20		
381.0	1.14	0.12	-22.23	5.80	9.50	1.19	-2.38	-0.76
391.0	0.99	0.11	-22.05	5.87	9.00	1.37	-1.65	-0.87
397.0	0.74	0.08	-22.10	5.20	9.41	1.25		
399.0	0.94	0.10	-22.19	5.76	9.40	1.24		
403.0	0.95	0.10	-22.57	6.03	9.50	2.26	-2.14	0.15

Table F2. Carbon, Nitrogen, isotope, and Rhenium data for core PRCK-3

Sample Depth (cm)	TOC (percent)	TN (percent)	$^{13}\text{C}_{\text{org}}$ (‰ PDB)	^{15}N (‰ air)	C/N Ratio (wt/wt)	Leachable Re (ppb)	$^{13}\text{C}_{\text{carb}}$ (‰ PDB)	^{18}O (‰ PDB)
9.0	1.95	0.23	-22.37	6.72	8.48	0.99	-3.16	-1.55
19.0	1.87	0.22	-22.70	6.22	8.50	0.95	-2.65	-1.59
29.0	1.84	0.22	-22.55	6.33	8.36	0.89	-3.76	-0.72
39.0	1.97	0.24	-22.85	6.22	8.21	0.78	-3.38	-1.79
49.0	1.72	0.21	-22.57	6.28	8.19	0.71	-1.93	-0.21
59.0	1.85	0.22	-22.78	6.08	8.41	0.77	-1.94	-1.07
69.0	1.67	0.2	-22.89	5.79	8.35	1.18	-1.27	-0.63
79.0	1.91	0.21	-23.04	6.18	9.10	0.99	-2.87	-2.30
89.0	1.73	0.2	-22.84	5.40	8.65	1.43		
99.0	1.49	0.16	-23.43	4.92	9.31	1.17		
109.0	1.39	0.16	-23.07	4.72	8.69	1.64		
119.0	1.57	0.17	-23.25	4.62	9.24	1.37	-1.63	-1.22
129.0	1.6	0.18	-22.88	4.88	8.89	1.43	-4.05	-1.03
139.0	1.52	0.17	-22.33	4.30	8.94	2.04	-1.43	-0.19
149.0	1.48	0.17	-22.40	4.58	8.71	1.25	-1.54	-0.96
159.0	1.58	0.17	-22.68	4.17	9.29	1.22	-1.10	-0.64
169.0	1.32	0.15	-22.11	4.47	8.80	1.35	-2.09	-0.27
179.0	1.45	0.16	-22.89	4.15	9.06	1.74		
189.0	1.23	0.14	-22.24	4.37	8.79	2.08	-1.61	-0.94
199.0	1.35	0.14	-22.71	4.47	9.64	1.48	-1.39	-0.59
209.0	1.33	0.15	-22.50	4.59	8.87	1.65	-0.69	-0.61
219.0	1.3	0.14	-23.26	4.70	9.29	1.57	-0.89	-0.31
229.0	1.3	0.15	-22.54	5.64	8.67	1.62	-1.23	-1.06
239.0	1.2	0.13	-22.79	4.68	9.23	1.69		
249.0	1.18	0.12	-23.55	5.42	9.83	1.35		
259.0	1.23	0.13	-22.88	6.93	9.46	1.32		
269.0	1.12	0.12	-22.79	5.73	9.33	1.33		
279.0	1.11	0.12	-22.77	6.09	9.25	0.89		
289.0	1.24	0.14	-22.59	4.78	8.86	1.20	-1.79	-0.29
299.0	1.16	0.13	-22.44	7.86	8.92	1.51	-2.20	-0.31
309.0	1.31	0.14	-22.79	4.56	9.36	1.13	-1.82	-1.06
319.0	1.34	0.14	-22.84	4.91	9.57	1.37	-2.13	-1.36
329.0	1.04	0.12	-22.59	5.26	8.67	1.91	-1.58	-2.30
339.0	0.99	0.1	-22.83	5.08	9.90	1.84	-0.53	-0.78
349.0	0.89	0.1	-22.57	5.80	8.90	1.84	-1.18	0.31
359.0	1.02	0.11	-22.81	4.04	9.27	1.40	-0.03	0.01
369.0	1.23	0.14	-22.62	4.36	8.79	1.35	-1.88	-0.92
379.0	1.17	0.13	-22.67	4.36	9.00	1.56		
389.0	0.95	0.11	-22.45	4.62	8.64	2.04		
401.0	1.12	0.12	-22.85	4.56	9.33	1.37		
409.0	1.23	0.13	-22.84	4.89	9.46	1.15		
419.0	0.93	0.1	-22.90	3.91	9.30	2.30		
429.0	1.24	0.14	-22.44	4.91	8.86	1.36		
439.0	0.88	0.09	-23.02	4.56	9.78	1.89		
444.0	0.9	0.1	-22.48	3.66	9.00	1.78		

Table F3. Carbon, Nitrogen, isotope, and Rhenium data for core PX98-2

Sample Depth (cm)	TOC (percent)	TN (percent)	$^{13}\text{C}_{\text{org}}$ (‰ PDB)	^{15}N (‰ air)	C/N Ratio (wt/wt)	Leachable Re (ppb)	$^{13}\text{C}_{\text{carb}}$ (‰ PDB)	^{18}O (‰ PDB)
1.5	0.49	0.07	-22.34	7.87	7.23	0.54		
4.5	0.86	0.11	-22.87	7.43	7.84	1.23		
7.5	0.99	0.11	-22.75	6.99	8.65	1.05		
10.5	0.89	0.11	-22.32	8.15	8.01	1.10		
16.5	1.04	0.12	-22.74	7.75	8.69	1.11		
19.5	0.95	0.11	-22.94	7.09	8.72	1.21		
22.5	0.83	0.10	-22.78	7.09	8.60	1.06		
25.5	0.94	0.11	-22.95	6.74	8.65	1.02		
28.5	1.10	0.12	-23.25	5.93	9.53	1.00		
31.5	0.98	0.11	-23.38	7.60	9.15	1.07		
34.5	0.89	0.10	-22.98	6.62	8.66	1.08		
37.5	0.94	0.11	-23.20	5.90	8.85	1.21		
40.5	0.93	0.11	-22.86	6.32	8.65	1.15		
43.5	1.05	0.11	-23.40	6.57	9.48	1.08		
46.5	0.95	0.10	-23.24	5.36	9.29	1.01		
49.5	1.14	0.12	-23.57	5.24	9.35	0.84		
52.5	1.08	0.12	-23.36	5.24	8.72	1.30		
55.5	1.12	0.13	-23.17	5.62	8.64	1.10		
58.5	0.99	0.12	-23.05	4.77	8.50	1.71		
61.5	1.15	0.13	-23.55	5.29	8.78	1.14		
64.5	0.96	0.12	-23.00	5.12	8.31	1.40		
67.5	1.04	0.12	-23.50	5.03	8.95	1.24		
70.5	1.15	0.12	-23.42	4.92	9.56	1.22		
73.5	1.14	0.12	-23.40	5.10	9.71	1.39		
76.5	1.03	0.11	-23.44	5.18	9.17	1.26		
79.5	0.97	0.11	-23.17	5.04	8.95	1.29		
82.5	1.16	0.13	-23.17	7.45	8.94			
85.5	1.14	0.13	-23.64	5.46	9.02	1.44		
88.5	1.25	0.15	-23.17	4.60	8.64	1.34		
91.5	1.11	0.13	-23.27	4.98	8.53	1.31		
94.5	0.99	0.12	-23.31	4.94	8.22	1.24		
97.5	1.39	0.16	-23.42	5.11	8.86	1.61		
100.5	1.08	0.12	-22.84	5.38	8.70	1.21		
103.5	0.74	0.09	-22.97	5.47	8.07	1.14		
106.5	0.86	0.10	-22.23	5.09	8.23	1.22		
109.5	0.90	0.11	-22.87	5.42	8.20	1.31		
112.5	0.93	0.11	-22.59	4.97	8.29	1.22		
115.5	0.97	0.11	-23.33	4.63	8.79	1.59		
118.5	0.85	0.09	-23.53	4.40	9.10	1.40		
121.5	0.95	0.11	-23.33	5.45	8.72	1.35		
124.5	0.96	0.12	-22.97	4.48	8.25	1.53		
127.5	0.92	0.11	-23.14	5.14	8.26	1.32		
131.5	1.09	0.13	-23.08	4.44	8.46	1.46		
134.5	1.01	0.12	-23.03	5.63	8.25	1.06		
137.5	0.99	0.12	-23.22	5.25	8.35	1.19		
140.5	0.89	0.11	-23.07	4.89	8.34			
143.5	0.95	0.12	-23.23	4.69	7.92	1.23		
146.5	0.91	0.12	-23.07	4.09	7.58			
149.5	1.19	0.13	-23.20	5.89	8.83	1.04		
152.5	0.78	0.10	-23.20	3.29	7.63			
155.5	0.94	0.10	-23.58	4.27	9.82	0.75		
158.5	0.88	0.10	-22.61	5.04	8.80			
161.5	0.89	0.10	-23.11	5.01	8.50	0.97		
164.5	0.86	0.10	-22.86	4.73	8.60			
167.5	0.84	0.10	-22.64	4.56	8.16	1.46		
170.5	0.92	0.11	-22.88	4.98	8.36			
173.5	0.95	0.11	-22.79	5.70	8.31	1.95		
176.5	0.95	0.11	-22.75	5.03	8.64			
179.5	1.00	0.12	-23.01	5.32	8.33	1.90		
182.5	1.02	0.12	-22.50	5.03	8.50	1.66		
185.5	1.06	0.12	-22.93	5.27	8.83	1.39		

Sample Depth (cm)	TOC (percent)	TN (percent)	¹³ C _{org} (‰ PDB)	¹⁵ N (‰ air)	C/N Ratio (wt/wt)	Leachable Re (ppb)	¹³ C _{carb} (‰ PDB)	¹⁸ O (‰ PDB)
188.5	0.69	0.08	-22.67	4.86	8.63	0.96		
191.5	0.99	0.11	-23.18	5.07	9.00	1.30		
194.5	0.96	0.10	-23.11	5.12	9.60	1.03		
197.5	0.91	0.09	-23.10	5.09	10.11	1.12		
200.5	1.12	0.12	-23.34	4.38	9.33	1.15		
203.5	1.01	0.11	-23.11	5.47	9.18	1.16		
206.5	1.28	0.15	-24.13	3.37	8.53	1.02		
209.5	1.20	0.13	-23.18	4.28	9.23	1.03		
212.5	0.95	0.11	-22.56	5.28	8.64	1.00		
215.5	0.83	0.09	-23.15	4.20	9.22	1.13		
218.5	0.89	0.10	-22.89	5.26	8.90	1.11		
221.5	0.80	0.09	-22.95	5.27	8.89	0.89		
224.5	0.79	0.09	-22.92	4.61	8.78	1.16		
227.5	0.82	0.09	-23.25	4.65	9.11	1.44		
230.5	0.92	0.10	-23.25	4.25	9.20	1.34		
233.5	0.84	0.09	-23.31	4.81	9.33	1.69		
236.5	0.85	0.10	-23.49	4.62	8.50	1.51		
239.5	0.82	0.09	-23.42	5.13	8.84	1.17		
242.5	0.92	0.11	-23.50	5.34	8.49	1.45		
245.5	0.95	0.11	-23.35	5.31	9.02	1.25		
248.5	0.85	0.10	-23.23	4.88	8.68	1.23		
251.5	0.92	0.10	-23.58	5.17	8.98	1.41		
254.5	0.84	0.10	-23.19	5.01	8.59	1.42		
257.5	0.83	0.10	-23.35	5.06	8.56	1.30		
260.5	0.87	0.11	-23.53	5.85	7.91	1.42		
263.5	0.89	0.11	-23.75	4.64	8.09	1.16		
266.5	0.80	0.10	-23.62	5.03	8.42	1.00		
269.5	0.73	0.09	-23.72	5.84	8.31	1.04		
272.5	0.83	0.10	-23.30	5.37	8.11	0.99		
275.5	0.80	0.10	-23.58	5.09	8.00	0.94		
278.0	0.81	0.10	-23.48	5.12	8.49	1.14		
280.5	0.85	0.09	-23.33	4.84	9.52	1.18		
283.5	0.86	0.10	-23.14	5.49	8.84	1.18		
286.5	0.85	0.09	-23.46	5.90	9.36	1.76		
289.5	0.78	0.09	-22.92	5.01	8.93	1.49		
292.5	0.83	0.09	-23.33	4.91	9.17	1.56		
295.5	0.85	0.10	-23.34	4.33	8.64	1.61		
298.5	0.81	0.09	-23.41	5.29	9.17	1.48		
301.5	0.76	0.09	-22.95	5.54	8.96	1.38		
304.5	0.84	0.09	-23.24	5.55	9.03	1.33		
307.5	0.81	0.09	-22.98	4.65	8.94			
310.5	0.89	0.10	-23.31	4.72	9.05	2.05		
313.5	0.81	0.09	-23.20	6.46	9.07	1.64		
316.5	0.90	0.10	-23.43	5.14	9.29	2.13		
319.5	0.93	0.11	-23.50	5.32	8.58	1.32		
322.5	0.90	0.09	-23.54	5.26	9.68	1.61		
325.5	0.86	0.09	-23.04	5.05	9.05	1.86		
328.5	0.89	0.09	-23.37	5.07	9.34	1.65		
331.5	0.84	0.10	-23.19	5.15	8.83	1.32		
334.5	0.95	0.10	-23.40	5.09	9.19	1.82		
337.5	0.80	0.09	-22.99	5.06	8.98	1.39		
340.5	0.86	0.09	-23.26	5.04	9.19	1.64		
343.5	0.81	0.09	-22.74	5.30	8.82	1.21		
346.5	0.79	0.09	-23.07	4.40	9.06	1.49		
349.5	0.86	0.10	-22.69	4.53	8.79	1.75		
352.5	0.83	0.09	-23.20	3.94	9.13	1.65		
355.5	0.69	0.08	-22.90	5.88	9.02	1.85		
358.5	0.84	0.10	-22.96	2.71	8.31	1.84		
361.5	0.89	0.11	-22.79	3.96	7.99	1.49		
364.5	0.90	0.10	-23.26	5.64	9.14	1.39		
367.5	0.90	0.10	-22.68	5.58	8.93	1.97		
370.5	0.77	0.08	-23.13	4.60	9.38	1.74		
373.5	0.74	0.08	-22.98	4.21	9.04	1.66		
376.5	0.77	0.08	-22.99	6.31	9.24	1.70		
379.5	0.75	0.09	-23.21	5.17	8.59	1.48		

Sample Depth (cm)	TOC (percent)	TN (percent)	¹³ C _{org} (‰ PDB)	¹⁵ N (‰ air)	C/N Ratio (wt/wt)	Leachable Re (ppb)	¹³ C _{carb} (‰ PDB)	¹⁸ O (‰ PDB)
382.5	1.07	0.11	-22.82	4.63	9.96	1.67		
385.5	0.84	0.10	-22.88	4.59	8.79	1.27		
388.5	0.99	0.12	-23.18	4.65	8.26	0.91		
391.5						1.64		
394.5						1.00		
397.5						1.34		
400.5	0.91	0.11	-23.03	3.76	8.36	1.08		
403.5	0.84	0.11	-22.85	3.61	7.91	0.85		
406.5	0.83	0.10	-23.04	5.14	8.22	0.97		
409.5	0.97	0.12	-22.94	4.52	8.04	1.07		
412.5	0.84	0.10	-23.25	4.38	8.28	0.91		
415.5	0.82	0.10	-22.87	5.32	8.02	2.36		
418.5	0.99	0.12	-23.04	4.90	8.32	1.57		
421.5	0.87	0.11	-22.91	5.38	7.58	1.19		
424.0	0.83	0.10	-23.38	4.40	8.51	3.87		

Table F4. Carbon, Nitrogen, isotope, and Rhenium data for core RR98-6

Sample Depth (cm)	TOC (percent)	TN (percent)	¹³ C _{org} (‰ PDB)	¹⁵ N (‰ air)	C/N Ratio (wt/wt)	Leachable Re (ppb)	¹³ C _{carb} (‰ PDB)	¹⁸ O (‰ PDB)
1.5	1.93	0.15	-23.23	8.73	12.70	1.87		
4.5	1.75	0.14	-23.30	7.94	12.94	1.46		
7.5	2.10	0.22	-23.98	7.46	9.43	1.41		
10.5	1.68	0.19	-23.65	8.44	8.80	1.26		
13.5	1.11	0.13	-24.08	6.12	8.67	1.33		
16.5	1.41	0.17	-23.86	6.36	8.22	1.37		
19.5	1.45	0.17	-23.70	5.63	8.46	1.23		
22.5	1.39	0.16	-23.78	4.66	8.69	1.00		
25.5	1.49	0.18	-23.72	5.11	8.15	1.03		
28.5	1.51	0.18	-23.54	5.29	8.39	1.17		
31.5	1.60	0.19	-23.57	4.90	8.21	1.04		
34.5	1.47		-23.50			1.00		
37.5	1.44	0.18	-23.56	4.42	7.96	1.13		
40.5	1.21	0.15	-23.88	4.18	8.20	0.95		
43.5	1.56	0.19	-23.50	5.12	8.04	0.98		
46.5	1.46	0.18	-23.72	5.23	7.97	0.89		
49.5	1.40	0.17	-23.70	4.81	8.09	0.87		
52.5	1.44	0.19	-23.71	5.22	7.61	0.79		
55.5	1.44	0.18	-23.76	4.76	8.18	1.17		
58.5	1.25	0.15	-23.57	4.38	8.10	1.30		
61.5	1.26	0.15	-23.65	4.73	8.15	1.22		
64.5	1.32	0.16	-23.63	4.74	8.08	1.00		
67.5	1.41	0.17	-23.84	4.92	8.13	1.20		
70.5	1.26	0.16	-23.50	5.21	7.84	1.36		
73.5	1.22	0.15	-23.93	4.65	8.08	1.31		
76.5	1.48	0.18	-23.77	5.12	8.09	1.21		
79.5	1.48	0.18	-23.59	4.76	8.16	1.17		
82.5	1.39	0.17	-23.99	5.26	8.03	1.05		
85.5	1.49	0.18	-23.94	4.69	8.37	0.77		
88.5	1.45	0.18	-24.02	5.53	8.11	0.78		
91.5	1.34	0.16	-23.88	4.80	8.15	0.83		
94.5	1.30	0.16	-23.69	5.30	8.05	1.01		
97.5	1.21	0.15	-23.91	5.16	8.19	0.95		
100.5	1.33	0.16	-23.83	4.33	8.16	1.22		
103.5	1.27	0.16	-23.94	5.47	8.02	1.42		
106.5	1.15	0.14	-23.99	5.06	8.00	1.02		
109.5	1.30	0.16	-23.80	5.26	8.06	1.09		
112.0	1.41	0.14	-23.83	7.02	10.38	1.35		
114.5	1.18	0.15	-23.53	4.59	7.78	1.66		
117.5	1.21	0.15	-23.93	5.21	7.90	1.56		
120.5	1.20	0.15	-23.86	5.09	7.81	1.34		
123.5	1.26	0.16	-23.92	4.26	7.82	1.23		
126.5	1.17	0.15	-23.90	7.88	8.00	1.39		
129.5	1.26	0.16	-23.82	5.40	7.73	1.42		
132.5	1.29	0.16	-23.58	4.80	7.92	1.24		
135.5	1.30	0.16	-23.91	4.48	7.87	0.95		
138.5	1.27	0.16	-23.62	5.09	7.94	1.03		
141.5	1.38	0.18	-23.71	4.93	7.82	1.07		
144.5	1.30	0.17	-23.60	5.07	7.75	1.11		
147.5	1.27	0.16	-24.10	4.81	8.07	1.13		
150.5	0.98	0.12	-23.82	5.93	8.08	1.09		
153.5	1.30	0.17	-23.78	6.10	7.82	0.89		
156.5	1.24	0.14	-23.85	5.25	9.00	0.79		
159.5	1.21	0.14	-23.85	4.75	8.83	0.68		
162.5	1.37	0.15	-23.94	4.86	9.25	0.78		
165.5	0.92	0.10	-23.94	4.61	8.85	0.72		
168.5	1.17	0.13	-24.06	4.72	8.94	0.65		
171.5	0.78	0.09	-23.96	4.81	9.01	0.53		
174.5	1.26	0.14	-23.93	7.18	8.79	0.47		
177.5	1.31	0.15	-23.87	5.62	8.88	1.05		
180.5	1.26	0.15	-23.72	4.66	8.56	1.44		
183.5	1.26	0.14	-23.79	4.98	8.81	1.14		
186.5	1.15	0.13	-23.82	4.66	8.87	1.18		

Sample Depth (cm)	TOC (percent)	TN (percent)	¹³ C _{org} (‰ PDB)	¹⁵ N (‰ air)	C/N Ratio (wt/wt)	Leachable Re (ppb)	¹³ C _{carb} (‰ PDB)	¹⁸ O (‰ PDB)
189.5	1.11	0.13	-23.64	6.69	8.57	1.24		
192.5	1.17	0.13	-24.01	5.10	8.82	1.08		
195.5	0.76	0.09	-23.70	5.63	8.28	1.09		
198.5	1.17	0.13	-23.89	5.79	8.91	1.08		
201.5	1.18	0.13	-23.89	5.12	9.11	1.41		
204.5	1.28	0.14	-23.80	5.07	9.25	1.19		
207.5	1.21	0.13	-23.73	5.70	8.96	1.16		
210.5	1.16	0.13	-23.58	4.87	8.70	1.34		
213.5	1.23	0.14	-23.71	5.92	8.88	1.92		
216.5	1.16	0.13	-23.69	5.53	8.85	2.05		
219.5	1.15	0.13	-23.60	4.58	8.59	2.65		
222.5	0.95	0.11	-23.88	4.48	8.70	2.27		
225.5	1.42	0.15	-24.21	5.04	9.66	1.49		
228.5	1.26	0.15	-23.78	5.95	8.43	1.48		
231.5	1.19	0.14	-23.76	5.15	8.38	1.32		
234.5	1.25	0.14	-23.99	5.46	8.70	1.02		
237.5	1.14	0.13	-23.86	4.15	8.48	1.30		
240.5	1.02	0.12	-23.83	5.59	8.42	1.41		
243.5	1.24	0.14	-23.83	4.84	8.69	1.30		
246.5	1.24	0.15	-23.78	4.79	8.41	1.67		
249.5	1.24	0.14	-24.03	5.80	8.78	1.44		
252.5	1.20	0.14	-23.98	5.05	8.50	1.53		
255.5	1.15	0.13	-24.04	4.94	8.62	1.54		
258.5	1.23	0.15	-23.93	5.35	8.39	1.80		
261.5	1.16	0.14	-24.03	3.61	8.36	1.46		
264.0	0.98	0.12	-23.98	4.48	8.28	1.55		
267.5	1.18	0.15	-24.00	5.00	8.00	1.64		
270.5	1.16	0.14	-24.04	5.98	8.38	1.77		
273.5	1.15	0.14	-23.91	3.96	8.29	1.79		
276.5	1.22	0.14	-24.03	5.58	8.52	2.06		
279.5	1.30	0.15	-23.86	5.64	8.59	3.56		
282.5	1.25	0.15	-23.67	5.25	8.18	2.16		
285.5	1.11	0.13	-23.74	4.50	8.43	2.84		
288.5	1.17	0.14	-23.99	4.64	8.44	2.82		
291.5	0.96	0.11	-23.77	6.22	8.41	2.10		
294.5	1.05	0.13	-23.83	5.21	8.19	2.00		
297.5	1.26	0.15	-23.91	5.35	8.29	2.13		
300.5	1.13	0.14	-23.84	5.90	8.24	1.95		
303.5	1.19	0.15	-23.86	4.65	8.19	1.62		
306.5	1.23	0.15	-23.80	5.76	8.20	1.67		
309.5	1.11	0.13	-23.76	5.41	8.56	1.28		
312.5	1.08	0.13	-23.61	5.63	8.31	1.18		
315.5	1.20	0.15	-23.70	6.12	8.23	1.17		
318.5	1.29	0.16	-23.78	5.39	8.30	1.59		
321.5	1.24	0.15	-23.57	4.74	8.14	1.73		
324.5	1.27	0.16	-23.71	5.36	8.13	1.70		
327.5	1.12	0.14	-23.88	4.98	8.04	1.23		
330.5	1.17	0.14	-23.48	4.98	8.21	1.17		
333.5	0.88	0.11	-23.78	4.86	8.19	1.03		
336.5	1.08	0.13	-23.87	5.11	8.13	1.02		
339.5	1.12	0.14	-24.02	4.67	8.17	1.12		
342.5	1.13	0.14	-23.82	4.80	8.19	1.41		
345.5	1.04	0.13	-23.58	5.56	8.07	1.73		
348.5	1.05	0.13	-23.44	5.96	7.99	1.54		
351.5	1.11	0.14	-23.43	5.35	7.92	1.94		
354.5	1.12	0.14	-23.73	5.11	8.07	1.68		
357.5	1.07	0.13	-23.53	5.12	7.98	1.45		
360.5	1.00	0.13	-23.62	5.19	7.72	2.45		
363.5	1.01	0.13	-23.76	5.54	7.95	1.45		
366.5	1.03	0.13	-23.80	5.86	7.69	1.26		
369.5	1.08	0.14	-23.68	4.66	7.82	1.69		
372.5	0.93	0.12	-24.02	5.81	7.74	1.41		
375.5	0.90	0.11	-23.80	4.71	8.02	1.82		
378.5	1.01	0.13	-23.63	5.33	7.92	1.53		
381.5	0.90	0.11	-23.56	5.06	7.87	1.56		

Sample Depth (cm)	TOC (percent)	TN (percent)	$^{13}\text{C}_{\text{org}}$ (‰ PDB)	^{15}N (‰ air)	C/N Ratio (wt/wt)	Leachable Re (ppb)	$^{13}\text{C}_{\text{carb}}$ (‰ PDB)	^{18}O (‰ PDB)
384.5	1.09	0.13	-23.72	5.07	8.09	1.95		
387.5	1.12	0.13	-23.72	5.83	8.41	2.17		
390.5	1.25	0.16	-23.63	4.69	7.93	2.23		
393.5	1.17	0.15	-23.57	4.94	7.93	1.58		
396.5	0.85	0.10	-23.63	6.04	8.50	1.52		
399.5	1.08	0.13	-23.63	4.96	8.31	2.06		
402.5	0.89	0.11	-23.53	8.40	8.09	1.94		
405.5	1.09	0.13	-23.77	5.65	8.38	1.73		
408.5	0.93	0.11	-23.79	4.96	8.55	1.61		
411.5	1.08	0.13	-23.79	5.01	8.53			

Table F5. Carbon, Nitrogen, isotope, and Rhenium data for core RR98-9

Sample Depth (cm)	TOC (percent)	TN (percent)	¹³ C _{org} (‰ PDB)	¹⁵ N (‰ air)	C/N Ratio (wt/wt)	Leachable Re (ppb)	¹³ C _{carb} (‰ PDB)	¹⁸ O (‰ PDB)
326.5	0.94	0.12	-23.85	4.18	7.62			
329.5	0.67	0.09	-23.63	4.05	7.46			
332.5	0.78	0.10	-24.10	4.81	7.50			
335.5	0.62	0.08	-24.03	4.52	7.38			
338.5	0.79	0.11	-23.89	4.33	7.44			
341.5	0.81	0.11	-23.56	5.16	7.55			
344.5	0.91	0.12	-23.68	5.56	7.54			
347.5	0.89	0.12	-23.76	5.46	7.48			
350.5	0.85	0.11	-23.53	4.95	7.48			
353.5	0.67	0.09	-23.80	7.21	7.60			
356.5	0.97	0.13	-23.86	5.43	7.73			
359.5	0.94	0.12	-23.70	5.12	7.55			
362.5	1.00	0.13	-23.84	4.77	7.86			
365.5	0.93	0.12	-23.80	4.72	7.73			
368.5	0.79	0.10	-23.81	5.66	7.81			
371.5	0.77	0.10	-23.80	4.38	7.59			
374.5	0.72	0.10	-23.60	4.90	7.53			
377.5	0.65	0.08	-24.46	4.72	8.60			
380.5	0.84	0.11	-23.33	3.66	7.66	3.82		
383.5	0.70	0.09	-23.63	4.92	7.67			
386.5	0.75	0.10	-23.71	6.33	7.34			
389.5	0.76	0.10	-23.52	5.41	7.71			
392.5	0.81	0.10	-23.77	4.92	7.89			
395.5	0.54	0.07	-23.94	4.24	8.17	2.35		
398.5	0.66	0.07	-24.18	6.91	9.68			
401.5	0.56	0.06	-23.98	4.66	9.18			
404.5	0.83	0.10	-23.56	4.88	8.56			
407.5	0.86	0.10	-23.79	4.37	8.78			
410.5	0.79	0.09	-24.20	4.09	9.05	2.27		
413.5	0.77	0.09	-24.01	3.34	8.78			
416.5	0.91	0.10	-24.11	5.21	9.43			
419.5	0.81	0.09	-24.23	3.89	9.30	3.38		
422.5	0.77	0.08	-23.99	4.96	9.40			
425.5	0.62	0.07	-24.28	4.12	8.85			
428.5	0.73	0.08	-24.16	5.49	9.00			
431.5	0.73	0.08	-24.20	5.89	9.67			
434.5	0.61	0.07	-23.93	4.71	8.40	2.54		
437.5	0.62	0.07	-23.58	4.54	8.72			
440.5	0.59	0.07	-23.32	6.73	8.29			
443.5	0.56	0.07	-23.30	4.70	8.36			
446.5	0.62	0.07	-23.82	5.12	8.71			
449.5	0.71	0.08	-23.90	4.11	8.58	2.76		
452.5	0.62	0.07	-23.55	5.04	8.68			
455.5	0.84	0.10	-24.30	4.56	8.40			
458.5	0.76	0.08	-24.31	6.03	9.50			
461.5	0.67	0.08	-24.16	5.56	8.91			
464.5	0.57	0.07	-24.15	4.02	8.14	2.32		
467.5	0.74	0.08	-24.42	5.03	9.06			
470.5	0.68	0.08	-23.94	4.73	8.69			
473.5	0.59	0.07	-24.25	5.50	8.50			
476.5	0.65	0.07	-23.82	4.19	8.64			
479	0.65	0.08	-23.80	3.96	8.50	4.24		
482.5	0.73	0.08	-24.00	4.97	8.78			
485.5	0.28	0.03	-24.55	4.05	8.81			
488.5	0.74	0.08	-24.20	4.97	8.73			
491.5	0.61	0.07	-24.19	5.41	8.47			
494.5	0.75	0.08	-24.12	4.78	9.25	4.19		
497.5	0.69	0.08	-24.29	6.28	8.90			
500.5	0.66	0.07	-24.16	4.07	8.82			
503.5	0.74	0.08	-24.36	4.52	9.02			
506.5	0.52	0.06	-23.97	4.87	8.45			
509.5	0.49	0.06	-24.09	5.40	8.72	4.58		
512.5	0.78	0.08	-24.40	4.28	9.27			

Sample Depth (cm)	TOC (percent)	TN (percent)	¹³ C _{org} (‰ PDB)	¹⁵ N (‰ air)	C/N Ratio (wt/wt)	Leachable Re (ppb)	¹³ C _{carb} (‰ PDB)	¹⁸ O (‰ PDB)
515.5	0.56	0.06	-24.21	4.88	8.71			
518.5	0.59	0.06	-24.51	4.90	9.02			
521.5	0.59	0.07	-24.41	5.89	8.67			
524.5						4.75		
527.5	0.64	0.07	-23.83	3.96	8.81			
530.5	0.70	0.08	-24.01	4.69	9.07			
533.5	0.65	0.06	-23.48	5.69	10.06			
536.5	0.69	0.08	-23.83	5.78	9.04			
539.5	0.61	0.07	-23.96	5.51	9.03	2.09		
542.5	0.60	0.07	-24.01	4.73	9.12			
545.5	0.50	0.05	-24.17	7.01	9.35			
548.5	0.85	0.09	-24.11	5.18	9.03			
551.5	0.91	0.10	-24.35	5.34	9.52			
554.5	1.01	0.11	-24.33	3.98	9.37	3.22		
557.5	0.98	0.10	-24.65	4.97	9.42			
560.5	0.97	0.10	-24.48	5.59	9.41			
563.5	0.97	0.10	-24.12	4.26	9.47			
566.5	1.07	0.11	-24.49	5.13	9.35			
569.5	1.19	0.12	-24.24	4.40	9.60	1.64		
572.5	1.20	0.14	-24.22	5.31	8.75			
575.5	1.02	0.11	-24.14	4.75	9.33			
578.5	0.85	0.09	-23.88	4.57	9.38			
581.5	0.96	0.10	-23.93	5.18	9.70			
584.5	1.06	0.11	-24.47	3.83	9.93	1.71		
587.5	0.92	0.09	-24.58	4.84	9.83			
590.5	0.93	0.10	-24.28	4.20	9.53	1.64		
593.5	0.83	0.09	-23.94	2.81	9.59			
596.5	0.86	0.09	-24.43	4.94	9.67			
599.5	1.03	0.10	-24.45	4.91	10.32			
602.5	0.55	0.06	-24.31	4.42	9.74			
605.5	0.66	0.07	-24.18	3.98	9.12	1.33		
608.5	0.74	0.07	-23.87	3.66	10.13			
611.5	0.71	0.08	-23.80	4.96	8.88			
614.5	0.90	0.10	-24.15	3.99	9.15			
617.5	0.72	0.08	-24.17	5.13	8.70			
620.5	0.72	0.08	-23.98	5.95	8.63	1.54		
623.5	0.71	0.08	-24.03	4.90	8.67	1.37		
626.5	0.57	0.06	-23.79	3.87	10.08	1.23		
629.5	0.62	0.06	-23.86	4.29	10.75	1.03		
632.5	0.52	0.05	-23.88	3.42	11.16	1.07		
635.5	0.53	0.05	-23.53	3.63	10.76	1.15		
638.5	0.55	0.05	-23.51	4.09	10.24	1.06		
641.5	0.66	0.06	-22.79	5.08	11.22	1.28		
644.5	0.74	0.07	-22.55	5.81	11.28	1.30		
647.5	0.80	0.07	-22.20	4.16	11.92	1.00		
650.5	0.90	0.08	-21.89	2.59	11.97	1.29		
653.5	0.91	0.07	-21.91	4.26	13.09	1.10		
656.5	0.89	0.07	-21.66	3.73	12.68	1.15		
659.5	1.05	0.08	-21.38	4.57	13.08	1.20		
662.5	1.55	0.11	-20.83	4.55	13.54	1.66		
665.5	1.95	0.13	-20.90	1.69	14.84	2.57		
668.5	1.97	0.13	-20.86	2.99	15.43	2.11		
671.5	2.40	0.15	-20.44	3.39	16.51	2.06		
674.5	2.88	0.18	-19.33	2.76	16.42	2.28		
677.5						2.12		
680.5	2.90	0.18	-19.50	2.53	16.11	2.14		
683.5	2.55	0.16	-20.49	2.87	15.94	2.01		
686.5	2.39	0.17	-20.77	3.07	13.81	2.15		
689.5	2.41	0.18	-21.49	2.71	13.66	2.29		
692.5	2.08	0.17	-21.21	2.59	12.48	2.15		
695.5	2.11	0.17	-21.16	2.52	12.29	1.84		
698.5	1.72	0.15	-22.44	2.85	11.47	1.89		
701.5	1.68	0.15	-22.59	3.21	11.22	2.25		
704.5	1.46	0.13	-22.45	3.23	11.40	1.99		
707.5	1.83	0.16	-22.80	3.09	11.76	1.79		

Sample Depth (cm)	TOC (percent)	TN (percent)	$^{13}\text{C}_{\text{org}}$ (‰ PDB)	^{15}N (‰ air)	C/N Ratio (wt/wt)	Leachable Re (ppb)	$^{13}\text{C}_{\text{carb}}$ (‰ PDB)	^{18}O (‰ PDB)
710.5	1.69	0.14	-22.91	3.11	11.77	1.55		
713.5	1.56	0.12	-23.01	3.08	12.57	1.35		
722	0.93	0.08	-23.57	2.71	11.21	1.05		
728	0.79	0.06	-24.31	3.95	12.35	0.65		
734	0.35	0.03	-24.04	0.18	12.52	0.61		
740	0.50	0.03	-24.68	1.64	16.51	0.80		
746	0.29	0.02	-24.93	0.31	14.27	0.41		
752	1.21	0.06	-27.41	2.91	21.80	0.76		
758	1.27	0.07	-26.40	1.40	18.14	1.01		
764	0.88	0.05	-25.99	1.36	18.69	0.49		
770	1.41	0.09	-25.85	1.29	15.58	0.68		
775	0.58	0.04	-24.96	1.01	13.34	0.67		

Table F6. Carbon, Nitrogen, isotope, and Rhenium data for core RD98-2

Sample Depth (cm)	TOC (percent)	TN (percent)	¹³ C _{org} (‰ PDB)	¹⁵ N (‰ air)	C/N Ratio (wt/wt)	Leachable Re (ppb)	¹³ C _{carb} (‰ PDB)	¹⁸ O (‰ PDB)
1.5	2.00	0.26	-22.95	8.40	7.71	0.94		
4.5	2.03	0.26	-23.16	8.21	7.95	0.76		
7.5	1.89	0.23	-22.89	9.41	8.06	1.07		
10.5	2.12	0.23	-22.86	9.42	9.24	0.90		
13.5	2.00	0.24	-22.77	8.57	8.27	0.72		
16.5	2.07	0.26	-22.21	9.21	7.81	0.56		
19.5	2.25	0.27	-22.42	9.09	8.27	0.92		
22.5	2.33	0.28	-22.41	8.07	8.20	1.30		
25.5	2.08	0.25	-23.06	8.24	8.41	0.84		
28.5	2.18	0.24	-23.16	8.81	9.10	0.70		
31.5	2.17	0.26	-22.18	8.91	8.20	0.99		
34.5	2.19	0.26	-22.42	9.39	8.32	1.15		
37.5	2.19	0.26	-22.29	8.80	8.54	1.02		
40.5	2.37	0.27	-22.48	8.77	8.68	1.03		
43.5	2.14	0.26	-22.41	9.97	8.31	0.87		
46.5	2.12	0.26	-22.17	9.92	8.04	1.10		
49.5	1.96	0.23	-22.00	9.17	8.33	1.16		
52.5	1.89	0.24	-22.54	9.80	8.05	1.08		
55.5	1.84	0.21	-22.68	9.77	8.93	1.33		
58.5	1.76	0.21	-22.67	9.42	8.54	1.44		
61.5	1.66	0.18	-22.68	9.41	8.98	1.34		
64.5	2.01	0.21	-23.07	8.49	9.49	1.30		
67.5	2.15	0.23	-22.86	8.86	9.28	1.02		
70.5	2.25	0.24	-22.91	8.39	9.44	1.21		
73.5	2.31	0.23	-23.04	8.66	10.02	0.97		
76.5	2.38	0.23	-23.61	8.56	10.50	1.01		
79.5	2.38	0.25	-23.15	8.08	9.69	1.19		
82.5	2.29	0.23	-23.44	7.96	10.07	1.00		
85.5	2.18	0.21	-23.58	7.99	10.40	0.83		
88.5	3.10	0.27	-22.88	8.91	11.68	1.11		
91.5	2.82	0.25	-22.22	9.65	11.15	1.04		
94.5	2.98	0.26	-23.25	9.56	11.66	1.10		
97.5	3.23	0.24	-23.68	8.23	13.34	0.70		
100.5	2.97	0.25	-23.12	10.09	11.75	1.23		
103.5						0.76		
106.5	2.92	0.21	-23.36	8.79	13.98	0.87		
109.5	2.95	0.22	-23.19	8.74	13.46	0.90		
112.5	2.55	0.20	-23.71	7.89	12.69	1.04		
115.5	2.40	0.19	-23.78	6.69	12.57	1.04		
118.5	2.60	0.20	-23.94	7.63	12.71	1.01		
121.5	2.57	0.22	-23.39	7.94	11.89	1.15		
124.5	2.53	0.21	-23.60	7.40	12.19	0.96		
127.5	2.85	0.21	-23.75	7.31	13.31	1.33		
130.5	2.71	0.22	-23.35	8.60	12.36	1.20		
133.5	2.92	0.20	-23.58	7.44	14.72	0.94		
136.5	2.73	0.20	-23.72	8.22	13.63	2.76		
139.5	2.40	0.19	-23.32	8.00	12.68	2.03		
142.5	2.37	0.20	-23.21	8.50	12.04	1.63		
145.5	1.99	0.18	-23.11	8.30	10.78	1.37		
148.5	2.27	0.19	-23.51	7.66	11.78	1.57		
151.5	2.01	0.19	-23.31	7.99	10.81	1.27		
154.0	2.49	0.18	-23.53	7.35	13.49	1.89		
156.5	2.20	0.21	-23.12	6.86	10.29	1.28		
171.5	2.12	0.20	-23.27	6.64	10.74	1.06		
174.5	1.77	0.20	-22.95	6.86	8.99	1.16		
177.5	1.56	0.18	-23.08	7.31	8.84	0.99		
180.5	1.57	0.19	-22.79	7.50	8.16	0.84		
183.5	1.59	0.20	-22.77	6.97	7.90	0.91		
186.5	1.92	0.19	-23.51	6.55	9.90	0.64		
187.5	1.48	0.19	-22.81	7.02	8.00	0.96		
192.5	1.62	0.20	-23.09	7.20	8.32	0.90		
195.5	1.54	0.19	-22.52	6.78	7.99	1.04		
198.5	1.87	0.21	-23.21	6.10	8.79	0.77		

Sample Depth (cm)	TOC (percent)	TN (percent)	¹³ C _{org} (‰ PDB)	¹⁵ N (‰ air)	C/N Ratio (wt/wt)	Leachable Re (ppb)	¹³ C _{carb} (‰ PDB)	¹⁸ O (‰ PDB)
201.5	1.68	0.22	-22.44	6.81	7.58	1.03		
204.5	1.95	0.22	-23.02	7.35	8.86	1.38		
207.5	1.78	0.21	-23.37	6.09	8.48	1.01		
210.5	1.59	0.19	-23.08	7.01	8.37	0.74		
213.5	1.41	0.18	-22.77	6.44	7.83	0.91		
216.5	1.68	0.21	-23.15	6.82	8.11	0.80		
219.5	1.55	0.20	-22.54	6.98	7.85	0.81		
222.5	1.57	0.20	-22.71	6.59	7.95	0.96		
225.5	1.45	0.19	-22.02	7.71	7.58	1.03		
228.5	1.51	0.21	-22.15	6.44	7.19	1.13		
231.5	1.31	0.18	-22.27	6.02	7.33	0.81		
234.5	1.46	0.21	-22.35	6.75	7.08	0.79		
237.5	1.48	0.21	-22.57	6.04	7.12	0.94		
240.5	1.40	0.20	-23.07	6.43	7.12	0.82		
243.5	1.53	0.22	-22.40	5.84	7.07	1.01		
246.5	1.77	0.25	-23.22	5.31	7.24	1.03		
249.5	1.83	0.23	-23.43	5.87	8.00	0.79		
252.5	1.73	0.23	-23.16	6.70	7.62	0.94		
255.5	1.52	0.18	-23.01	7.55	8.36	0.94		
258.5	1.59	0.22	-22.96	7.13	7.39	1.00		
261.5	1.32	0.16	-23.12	6.88	8.12	0.68		
264.5	1.48	0.20	-22.53	5.68	7.47	0.82		
267.5	1.57	0.22	-22.75	5.40	7.21	0.97		
270.5	1.27	0.16	-22.61	6.41	8.05	1.10		
273.5	1.07	0.14	-22.58	6.35	7.88	0.74		
276.5	1.15	0.15	-22.84	5.92	7.77	1.38		
279.5	1.29	0.16	-22.98	4.74	8.18	1.16		
282.5	1.15	0.14	-22.84	6.13	8.06	0.97		
285.5	1.35	0.19	-23.04	4.87	7.17	1.58		
288.5	1.30	0.18	-23.35	6.28	7.19	1.46		
291.5	1.49	0.20	-23.28	6.00	7.52	1.43		
294.5	1.81	0.23	-23.45	5.67	7.92	1.49		
297.5	1.78	0.23	-23.11	6.46	7.82	1.14		
300.5	1.68	0.19	-23.60	5.48	9.00	0.91		
303.5	1.61	0.22	-22.99	4.55	7.41	0.97		
305.5	1.44	0.20	-23.11	5.03	7.19	0.99		
307.5	1.38	0.17	-23.61	5.55	8.00	1.72		
310.5	1.28	0.16	-23.19	5.15	8.05	1.41		
313.5	1.27	0.17	-23.22	6.42	7.63	1.48		
316.5	1.22	0.15	-22.93	5.56	8.09	1.05		
319.5	1.26	0.15	-23.12	6.16	8.55	0.99		
322.5	1.26	0.16	-23.43	5.93	7.93	0.80		
325.5	1.38	0.17	-22.96	5.25	8.12	1.27		
328.5	1.11	0.14	-23.04	4.97	7.97	1.01		
331.5	1.11	0.14	-22.73	5.72	7.91	1.32		
349.5	0.95	0.12	-23.48	6.56	7.91	0.86		
352.5	1.01	0.13	-23.60	6.30	8.00	1.04		
355.5	0.91	0.12	-23.51	5.60	7.81	1.16		
358.5	1.05	0.13	-23.60	6.13	8.08	1.20		
361.5	1.20	0.15	-23.35	5.57	8.06	1.37		
364.5	1.20	0.15	-23.41	5.63	8.14	1.15		
367.5	1.20	0.15	-23.11	6.07	8.13	2.16		
370.5	1.11	0.14	-23.17	5.67	7.90	1.50		
373.5	1.08	0.13	-23.04	5.18	8.15	1.28		
376.5	1.13	0.14	-23.38	5.34	8.11	0.86		
379.5	1.06	0.13	-23.55	5.81	8.19	1.20		
382.5	1.01	0.13	-23.28	5.69	7.92	0.82		
385.5	1.15	0.14	-23.31	6.01	8.34	1.31		
388.5	1.09	0.14	-22.92	5.57	7.89	1.14		
391.5	0.95	0.12	-23.73	6.47	8.24	1.08		
394.5	1.16	0.14	-22.86	5.65	8.47	0.90		
397.5	0.92	0.11	-23.29	5.19	8.07	0.96		
400.5	1.24	0.15	-23.09	5.61	8.24	1.19		
403.5	1.01	0.12	-23.43	4.94	8.15	1.32		
406.5	0.96	0.12	-23.03	5.96	8.31	1.06		

Sample Depth (cm)	TOC (percent)	TN (percent)	¹³ C _{org} (‰ PDB)	¹⁵ N (‰ air)	C/N Ratio (wt/wt)	Leachable Re (ppb)	¹³ C _{carb} (‰ PDB)	¹⁸ O (‰ PDB)
409.5	1.05	0.13	-23.13	6.24	8.20	1.41		
412.5	1.02	0.13	-22.76	5.71	8.18	1.17		
415.5	0.94	0.12	-23.08	5.66	8.15	0.95		
418.5	1.07	0.13	-23.01	5.69	8.51	0.88		
421.5	1.01	0.12	-22.89	5.97	8.21	1.15		
424.5	1.04	0.12	-23.36	5.61	8.48	1.10		
427.5	1.05	0.13	-22.88	5.21	8.18	1.15		
430.5	1.04	0.12	-23.07	5.99	8.52	0.96		
433.5	1.05	0.13	-22.59	4.57	8.09	1.02		
436.5	1.18	0.14	-22.87	5.05	8.39	0.84		
439.5	1.13	0.13	-22.95	5.59	8.60	1.04		
442.5	0.98	0.12	-22.88	5.71	7.99	0.85		
445.5	0.76	0.09	-22.94	4.27	8.44	1.17		
448.5	1.09	0.13	-22.87	5.64	8.33	1.17		
451.5	1.13	0.14	-22.73	5.88	8.25	1.02		
454.5	1.10	0.13	-22.77	6.31	8.25	0.84		
457.5	0.98	0.12	-22.98	6.26	8.28	0.99		