Zech et al., 2011
High carbon sequestration in Siberian permafrost loess-paleosols during glacials
Climate of the Past

Sample	Depth cm	Age ka	% Corg.	δD mean ‰
1	10	1.1	0.86	
2	30	3.3	0.47	
3	50	5.4	0.61	-260.3
4	70	7.6	0.60	
5	90	9.8	0.61	-253.1
6	110	12.0	0.87	
7	130	14.1	0.73	-248.7
8	150	16.3	0.67	
9	170	18.5	1.04	-259.0
10	190	20.7	0.87	-259.8
11	210	22.8	1.28	
12	230	25.0	1.33	-268.1
13	250	28.5	0.91	
14	270	31.9	1.00	-255.8
15	290	35.4	0.76	-253.2
16	310	38.8	0.81	-262.2
17	325	41.4	1.24	
18	335	43.2	0.63	-267.5
19	345	44.9	0.75	
20	355	46.6	1.10	
21	365	48.4	0.89	-258.3
22	375	50.1	0.94	
23	385	51.8	1.35	
24	395	53.6	1.10	-273.0
25	405	55.3	1.04	
26	415	57.0	1.28	-273.7
27	425	58.8	1.44	
28	435	60.5	1.29	-275.5
29	445	62.2	1.26	
30	455	63.9	1.44	-269.9
31	465	65.7	1.45	
32	475	67.4	1.49	-276.5
33	490	70.0	0.32	
34	505	72.4	0.31	
35	520	74.7	0.27	-237.3
36	535	77.1	0.31	
37	550	79.4	0.72	-251.1
38	565	81.8	0.34	
39	580	84.1	0.32	
40	595	86.5	0.37	
41	610	88.8	0.36	
42	625	91.2	0.40	

43	640	93.5	0.44	-261.1
44	655	95.9	0.48	
45	670	98.2	0.49	-246.3
46	685	100.6	0.61	
47	700	102.9	1.26	
48	715	105.3	0.74	-266.9
49	725	106.9	1.40	
50	735	108.4	0.68	
51	745	110.0	0.66	-273.5
52	755	110.9	1.07	
53	765	111.8	0.79	-261.9
54	775	112.7	0.52	
55	785	113.6	0.40	-260.9
56	800	115.0	0.40	
57	815	116.4	0.34	-248.9
58	830	117.7	0.36	
59	845	119.1	0.36	-252.0
60	860	120.5	0.42	
61	875	121.8	0.51	
62	885	122.7	0.57	-248.6
63	895	123.6	0.99	
64	905	124.5	0.46	
65	915	125.5	0.47	-250.1
66	925	126.4	0.77	
67	935	127.3	0.70	-223.1
68	945	128.2	0.39	
69	955	129.1	0.41	
70	965	130.0	0.43	-250.3
71	975	132.1	0.48	
72	985	134.3	2.32	
73	995	136.4	2.48	
74	1005	138.6	1.66	-267.0
75	1015	140.7	1.12	
76	1025	142.9	1.34	
77	1035	145.0	1.22	
78	1045	147.1	1.07	
79	1055	149.3	0.98	
80	1065	151.4	1.08	-274.7
81	1075	153.6	1.06	
82	1085	155.7	1.34	-269.9
83	1095	157.9	1.15	
84	1105	160.0	1.10	
85	1115	162.1	1.08	
86	1125	164.3	1.38	
87	1135	166.4	2.06	
88	1145	168.6	2.33	
89	1155	170.7	2.34	-266.4

90	1165	172.9	1.80	
91	1175	175.0	1.29	
92	1185	177.1	1.48	-275.1
93	1195	179.3	1.29	
94	1205	181.4	1.37	
95	1215	183.6	1.19	
96	1225	185.7	1.16	
97	1235	187.9	1.57	-266.0
98	1245	190.0	1.41	
99	1260	192.1	0.32	
100	1275	194.2	0.31	
101	1290	196.3	0.28	
102	1305	198.4	0.31	-243.9
103	1320	200.5	0.39	
104	1340	203.3	0.40	
105	1360	206.0	0.46	
106	1370	207.4	0.61	-241.1
107	1380	208.8	0.64	
108	1390	210.2	0.36	
109	1400	211.6	0.39	-243.3
110	1410	213.0	0.35	
111	1420	214.4	0.30	
112	1430	215.8	0.33	
113	1440	217.2	0.30	
114	1450	218.6	0.29	
115	1460	220.0	0.32	-265.8
116	1480	222.8	1.58	
117	1500	225.6	0.94	