

Table 1: Stable carbon isotope results from Core 1

Sample ID	Median Age (cal BP)	Depth (cm)	$\delta^{13}\text{C}$ cellulose (‰)
17A	262.9	20.05	-13.9
24A	430.9	28.38	-15.22
28A	687.9	33.14	-13.44
29A	811.2	34.33	-13.9
33A	1053.9	39.1	-16.31
36A	1135	42.67	-14.07
39A	1206.8	46.24	-15.71
41A	1240.4	48.62	-17.71
82B	1247.7	42.16	-19.42
80B	1342.9	44.49	-17.67
78B	1435.5	46.81	-15.43
74B	1589.9	51.47	-16.16
72B	1659.8	53.79	-18.26
69B	1769.6	57.28	-18.16
67B	1851.4	59.6	-19.89
64B	2009.6	63.09	-20.12
61B	2213.8	66.58	-20.63
58B	2594.6	70.07	-17.25
57B	2707.3	71.23	-18.76
55B	2908.7	73.56	-17.97
52B	3175	77.05	-17.81
83C	3266.1	83.33	-18.64
50B	3333.6	79.37	-18.7
86C	3489.4	86.81	-16.44
47B	3557.9	82.86	-17.7
88C	3661.3	89.14	-14.1
45B	3706.2	85.19	-18.04
89C	3748	90.3	-13.37
43B	3847.5	87.51	-12.63
91C	3914.6	92.63	-14.49
92C	3999.2	93.79	-15.18
93C	4082	94.95	-14.2
94C	4163.7	96.12	-15.97
96C	4365.6	98.44	-15.89
98C	4562.2	100.77	-15.17
100C	4774	103.09	-14.05
102C	4985.5	105.42	-14.69
103C	5077.4	106.58	-15.24
104C	5163.7	107.74	-13.36
106C	5264.2	108.91	-15.22
122D	5500.2	122.14	-14.2

108C	5503	112.4	-13.92
111C	5705.9	115.88	-14.25
112C	5760.7	117.05	-14.84
114C	5867.8	119.37	-14.67
118C	6065.1	124.02	-13.9
119C	6109.2	125.19	-13.43
121C	6207.2	127.51	-14.79
125D	6622.8	125.55	-13.98
126D	6935.8	126.68	-13.56
127D	7245.2	127.82	-14.93
129D	7573.1	128.95	-13.77
130D	9632.9	131.23	-17.24
131D	11060.1	132.36	-16.32
133D	13144.4	134.64	-18.74
134D	13890.7	135.77	-16.45
135D	14602.4	136.91	-19.66
136D	15312.4	138.05	-19.91
138D	16608.4	140.32	-19.16
139D	17183.6	141.45	-18.01
140D	17759	142.59	-19.4
141D	18306.1	143.73	-22.12
143D	19436.7	146	-20.65
144D	20025.3	147.14	-22.42
146D	21178.4	149.41	-22.26
147D	21773.7	150.55	-19.62
148D	22300	151.68	-24.93
149D	22805.4	152.82	-24.7
150D	23278.6	153.95	-22.3
151D	23742.1	155.09	-23.25
153D	24664.4	157.36	-25.2
154D	25077.2	158.5	-26.16
163E	25158.3	163.33	-25.59
155D	25473.7	159.64	-24.87
165E	25664.2	165.65	-25.77
156D	25864.6	160.77	-25.15
167E	26167.7	167.98	-25.12
158D	26667.7	163.05	-24.09
171E	27106.6	172.63	-23.48
172E	27333.3	173.79	-24.96
160D	27481.1	165.32	-27.67
174E	27796.7	176.12	-25.2
161D	27895.9	166.45	-26.47
175E	28032.5	177.28	-26.05
162D	28323.9	167.59	-25.3
177E	28486.8	179.6	-24.78

164D	29257.3	169.86	-17.64
182E	29568.3	185.42	-23.9
184E	29995.6	187.74	-24.02
187E	30617.5	191.23	-23.8
188E	30825.1	192.4	-25.52
189E	31037.7	193.56	-26.22
190E	31258	194.72	-20.89
192E	31695.7	197.05	-22.16

Table 2: Stable carbon isotope results from Core 2

Sample ID	Median Age (cal BP)	Depth (cm)	$\delta^{13}\text{C}$ cellulose (‰)
01J	1150.3	1.92	-11.91
03J	1497.6	5.77	-11.16
04J	1634.2	7.69	-11.64
06J	1890.7	11.54	-11.98
07J	1954.1	13.46	-10.83
08J	2017.5	15.38	-11.85
09J	2073.4	17.31	-11.51
11J	2170.5	21.15	-11.69
12J	2212	23.08	-11.19
14J	2313.1	26.92	-14.6
15J	2393.3	28.85	-12.51
17J	2610.7	32.69	-13.95
18J	2753.7	34.62	-12.8
19J	3039.3	36.54	-13.19
20J	3678.5	38.46	-14.08
22J	4941.3	42.31	-11.84
02K	5505.1	43.85	-13.12
23J	5643.7	44.23	-12.51
03K	6198.6	45.77	-13.78
24J	6308.2	46.15	-14.6
04K	6583	47.69	-14.57
05K	6938.7	49.62	-14.74
26J	7006.7	50	-15.17
06K	7244.7	51.54	-15.18
07K	7482	53.46	-16.66
09K	7989.3	57.31	-16.91
10K	8251.5	59.23	-16.09
11K	8496.4	61.15	-16.15
13K	9088.8	65	-16.93
14K	9373.7	66.92	-18.06
15K	9703.5	68.85	-16.85
16K	10012.3	70.77	-13.46

17K	10851.4	72.69	-13.44
18K	11772.7	74.62	-14.13
19K	12672	76.54	-16.18
20K	13857.3	78.46	-12.83
21K	15032.6	80.38	-10.88
01L	16275.8	81.92	-16.59
22K	16663.8	82.31	-16.64
23K	18568	84.23	-13.6
03L	20015.8	85.77	-18.61
24K	20325.4	86.15	-20.63
04L	21355.8	87.69	-19.85
25K	21629.5	88.08	-19.29
05L	22729	89.62	-18.69
26K	22987.1	90	-19.25
07L	24618.9	93.46	-17.22
08L	25399.4	95.38	-16.79
09L	26152.4	97.31	-16.58
11L	27743.9	101.15	-16.68
13L	29426.1	105	-18.67
15L	30793	108.85	-16.78
16L	31451.5	110.77	-15.26
17L	31999	112.69	-16.55
18L	32577.9	114.62	-18.63
20L	33649.8	118.46	-20.44
01M	34599	121.92	-18.44
22L	34720.3	122.31	-18.14
02M	35202.5	123.85	-18.6
24L	35897	126.15	-23.42
25L	36405.9	128.08	-15.63
05M	36802.8	129.62	-17.09
26L	36900.2	130	-15.81
06M	37264.4	131.54	-17.47
07M	37698.3	133.46	-15.04
09M	38646.7	137.31	-19.24
10M	39181.2	139.23	-20.14
12M	40217.6	143.08	-14.08
14M	41253.2	146.92	-20.04
15M	41783.8	148.85	-19.96
16M	42274.4	150.77	-13.37
17M	42752.6	152.69	-16.72
18M	43207.9	154.62	-15.68
19M	43628.9	156.54	-14.81
23M	44876.3	162.31	-19.77