DR2004056

ic & Montanez

Paleosol/ loess	Sampling depth cm	Xlf 10-8 kg3m-1	TOC wt%	TOC (±1□) wt%	Delta 13C ‰ VPDB	Delta 13C (±1□) ‰VPDB	%C3	%C4	C/N
L0	0	108.7	0.45	0.010	-22.6	0.071	68.79	31.21	
L0	20	107.8	0.36		-21.2		58.79	41.21	
S0	40	120.2	0.32		-20.1		50.43	49.57	
S0	60	145.5	0.33		-19.7		48.07	51.93	
S0	80	154.8	0.61		-19.1		43.43	56.57	
S0	100	127.7	0.51	0.002	-19.2	0.057	44.14	55.86	
S0	120	93.6	0.36	0.004	-19.3	0.014	45.29	54.71	
S0	140	85.1	0.33	0.001	-19.9	0.049	49.04	50.96	
S0	160	63.4	0.29	0.004	-20.6	0.014	54.5	45.5	
L1	180	44.5	0.22	0.005	-22.4	0.200	67.36	32.64	
L1	200	43.1	0.20	0.008	-22.2	0.104	65.8	34.2	
L1	220	42.5	0.18	0.001	-22.5	0.002	68.08	31.92	
L1	10	67.9	0.27		-22.3		66	34	
L1	30	83.7	0.31	0.010	-21.8	0.148	63	37	
L1	50	69.7	0.28	0.004	-22.0	0.170	64	36	
L1	70	59.8	0.28	0.004	-22.6	0.198	68	32	
S1	90	145.3	0.41	0.013	-21.3	0.141	60	40	9.0
S1	110	67.5	0.35	0.008	-22.8	0.141	70	30	7.4
S1	130	175.6	0.50	0.001	-23.2	0.064	73	27	9.5
S1	150	151.3	0.44	0.003	-23.1	0.120	72	28	9.9
S1	170	197.3	0.54	0.003	-21.4	0.057	60	40	11.5
S1	190	208.5	0.56	0.002	-21.1	0.297	58	42	11.6
S1	210	225.8	0.57	0.004	-20.0	0.127	50	50	12.2
S1	230	204.2	0.51	0.002	-21.2	0.078	59	41	10.9
S1	250	213.7	0.51	0.003	-20.7	0.064	55	45	11.2
S1	270	208.9	0.42	0.027	-22.2	0.410	66	34	10.1
S1	290	203.0	0.42	0.009	-21.7	0.014	62	38	10.7
S1	310	201.8	0.38	0.013	-22.0	0.099	65	36	9.8
S1	330	141.2	0.29	0.003	-23.0	0.389	71	29	
S1	350	116.1	0.23	0.000	-21.3	0.144	59	41	
S1	370	91.0	0.20	0.001	-21.6	0.019	61	39	
L2	390	48.1	0.12	0.003	-22.4	0.173	67	33	5.2
L2	410	47.6	0.11	0.001	-22.4	0.091	67	33	
L2	430	39.2	0.09	0.001	-22.9	0.224	71	29	
L2	450	39.3	0.09		-23.4		74	26	
L2	470	39.1	0.08	0.003	-23.2	0.041	73	27	
L2	490	36.1	0.10	0.007	-23.1	0.304	72	28	
L2	510	39.4	0.10	0.001	-23.5	0.119	75	25	
L2	530	43.0	0.12		-23.8		77	23	
L2	550	46.0	0.11	0.001	-23.4	0.049	74	26	
L5	0	57.00	0.094		-23.70		76.45	23.55	5.49
L5	20	69.50	0.094		-22.82		70.16	29.84	4.91
L5	40	50.86	0.132		-22.74		69.60	30.40	5.49
L5	60	180.69	0.172		-22.69		69.20	30.80	6.31
S5-1	80	216.05	0.211		-22.17		65.51	34.49	
S5-1	100	253.00	0.279		-20.08		50.57	49.43	7.67
S5-1	120	254.03	0.249		-20.69		54.93	45.07	7.34
S5-1	140	245.45	0.204		-20.56		53.97	46.03	7.16
S5-1	160	237.44	0.280		-20.45		53.21	46.79	7.84
S5-1	180	209.59	0.289		-21.64		61.68	38.32	8.68
S5-1	200	172.25	0.345		-21.36		59.72	40.28	7.11
S5-1	220	197.90	0.304	0.010	-20.04	0.007	50.30	49.70	9.20
L6-1	240	116.45	0.153		-21.95		63.91	36.09	5.15
L6-1	260	106.54	0.121		-22.87		70.53	29.47	4.91
L6-1	280	118.29	0.155		-22.23		65.89	34.11	
L6-1	300	116.16	0.191		-23.03		71.64	28.36	

S5-2	320	160.29	0.227	0.008	-21.33	0.026	59.51	40.49
S5-2	340	161.60	0.210		-21.30		59.26	40.74
S5-2	360	121.77	0.258		-23.23		73.07	26.93
S5-2	380	101.34	0.209		-21.90		63.55	36.45
L6-2	400	83.29	0.138		-21.84		63.16	36.84
L6-2	420	78.25	0.162	0.003	-22.38	0.086	67.03	32.97
L6-2	440	74.98	0.131		-21.99		64.25	35.75
S5-3	460	97.58	0.189		-21.42		60.17	39.83
S5-3	480	118.88	0.255		-21.96		64.00	36.00
S5-3	500	128.25	0.266		-22.23		65.93	34.07
S5-3	520	83.38	0.191	0.000	-21.64	0.061	61.74	38.26
S5-3	540	60.77	0.143		-21.85		63.23	36.77
S5-3	560	52.14	0.121		-21.42		60.13	39.87
S5-3	580	43.77	0.083		-21.84		63.14	36.86
L6-3	600	47.90	0.111		-22.34		66.70	33.30
L6-3	620	46.11	0.075	0.016	-22.12	0.549	65.14	34.86
L6-3	640	40.75	0.078		-23.25		73.25	26.75
L6-3	660	39.75	0.063		-22.52		67.99	32.01
L6-3	680	68.10	0.096		-22.57		68.33	31.67
L6-3	700	71.35	0.101		-22.10		64.97	35.03
L6-3	720	89.60	0.130	0.011	-22.59	0.192	68.53	31.47
L6-3	740	79.49	0.106		-21.90		63.60	36.40
L6-3	760	57.01	0.108		-23.43		74.50	25.50
L6-3	780	58.38	0.104		-23.06		71.88	28.12
L6-3	800	54.27	0.099		-22.70		69.31	30.69
L6-3	820	63.22	0.112	0.003	-22.80	0.079	69.99	30.01
L6-3	840	42.11	0.110		-23.20		72.88	27.12
L6-3	860	31.14	0.170					
L6-3	880	28.87	0.098		-23.06		71.87	28.13
L6-3	900	27.38	0.105		-23.23		73.10	26.90
L6-3	920	22.76	0.115	0.006	-23.37	0.112	74.11	25.89
L6-3	940	26.75	0.099		-22.82		70.16	29.84
L6-3	960	26.13	0.103		-22.60		68.57	31.43
L6-3	980	24.75	0.118		-23.20		72.87	27.13
L6-3	1000	23.00	0.121		-22.64		68.83	31.17
L6-3	1020	26.75	0.101	0.005	-22.60	0.130	68.57	31.43