

Appendix B, part 1: Stable Isotope Data for Soil Organic Matter, Houston Black series, Zabcikville, TX

<i>Hard Nodule (Microhigh)</i>		<i>Soft Carbonate (Microhigh)</i>		<i>Hard Nodule (Microlow)</i>		<i>Soft Carbonate (Microlow)</i>	
<i>Depth (cm)</i>	$\delta^{13}C$	<i>Depth (cm)</i>	$\delta^{13}C$	<i>Depth (cm)</i>	$\delta^{13}C$	<i>Depth (cm)</i>	$\delta^{13}C$
-20	-4.97	-30	-6.84	-50	-4.13	-120	-7.8
-30	-6.24	-40	-6.74	-90	-7.99	-140	-5.79
-40	-6.56	-50	-6.48	-100	-6.06		
-50	-6.89	-60	-7.05	-110	-6.03		
-60	-3.93	-75.5	-6.84	-120	-6.09		
-70	-3.95	-76.5	-5.21	-128	-6.98		
-71	-5.69	-77	-7.81	-130	-5.46		
-75.5	-6.57	-77.5	-5.1				
-77	-7.89	-81.5	-5.76				
-77.5	-7.67	-83	-5.6				
-83	-5.53						

Appendix B, part 2: Stable Isotopic Data for Pedogenic Carbonates, Houston Black series, Zabcikville, TX.

Microhigh

<i>Hard Nodule</i>			<i>Soft Nodule</i>		
<i>depth (cm)</i>	$\delta^{13}C$	$\delta^{18}O$	<i>depth (cm)</i>	$\delta^{13}C$	$\delta^{18}O$
20	-4.97	-3.76	30	-3.84	
30	-6.24	-3.53	40	-6.74	-3.56
40	-6.56	-3.75	50	-6.48	-3.88
50	-6.89	-3.5	60	-7.05	-3.41
60	-3.93	-3.4	75.5	-6.84	-3.44
70	-3.95	-3.58	76.5	-5.21	-3.53
71	-5.69	-3.26	77	-7.81	-3.53
75.5	-6.57	-3.4	77.5	-5.1	-3.45
77	-7.89	-3.33	81.5	-5.76	-3.38
77.5	-7.67		83	-5.6	-3.46
83	-5.53	-3.65			-3.58
93	-6.4	-3.3			
96.5	-3.62	-3.41			
133	-6.52	-3.3			

Microlow

<i>Hard Nodule</i>			<i>Soft Nodule</i>		
<i>depth cm</i>	$\delta^{13}C$	$\delta^{18}O$	<i>depth cm</i>	$\delta^{13}C$	$\delta^{18}O$
50	-4.13	-3.45	120	-7.8	-3.81
90	-7.99	-3.61	140	-5.79	-3.5
100	-6.06	-3.41			
110	-6.03	-5.04			
120	-6.09	-3.73			
128	-6.98	-3.5			
130	-5.46	-5.39			