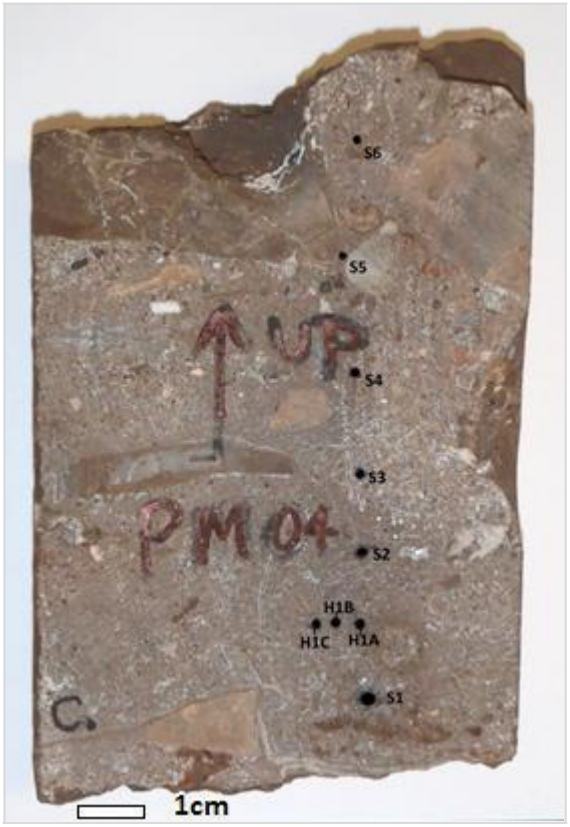
Supplementary material to: Holt E, Dirks P, Placzek C, Berger L. The stable isotope setting of *Australopithecus sediba* at Malapa, South Africa. S Afr J Sci. 2016;112(7/8), Art. #2015-0351, 9 pages. http://dx.doi.org/10.17159/sajs.2016/20150351

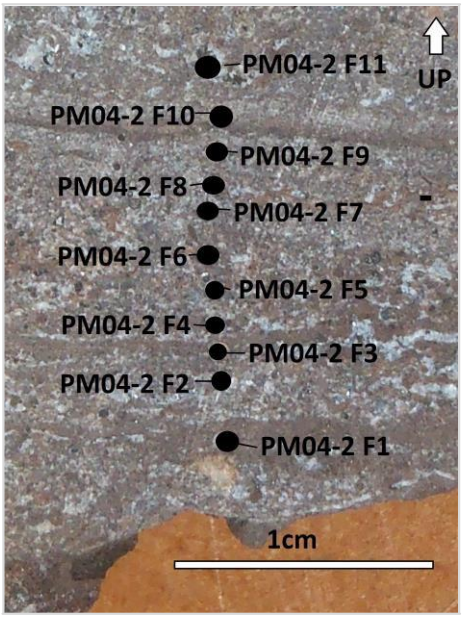
Stable isotope sampling locations of Malapa cave carbonates

PM04



Sample	Facies/unit	Location from bottommost sample (mm)	$\delta^{13}C$	$\delta^{18}O$
S1	Facies D	0	-4.26	-5.05
H1A	Facies D	1.75	-4.05	-5.19
S2	Facies D	2.5	-3.89	-4.77
S3	Facies D	3.75	-4.48	-5.26
S4	Facies D	5.5	-4.71	-4.89
S5	Facies D	7.5	-4.62	-5.42
S6	Facies D	9.7	-4.40	-5.39
H1B	Facies D		-4.49	-4.93
H1C	Facies D		-4.30	-5.23

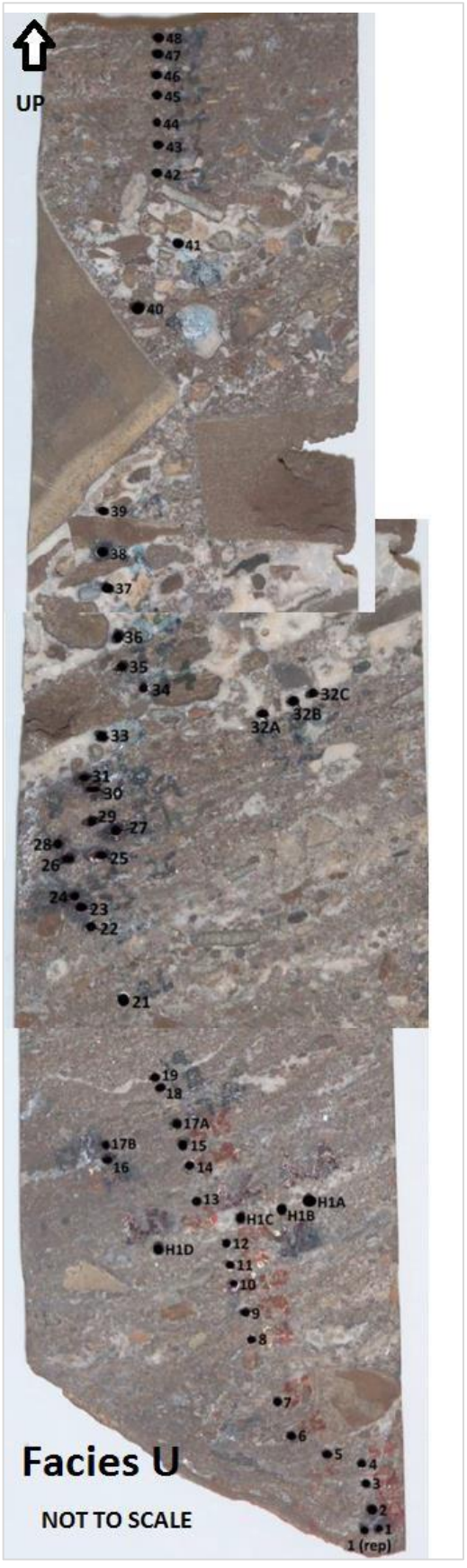
PM04-2

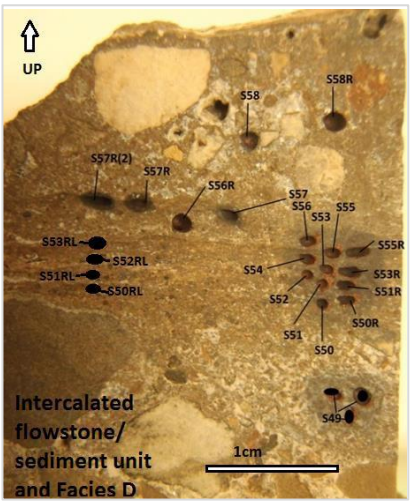


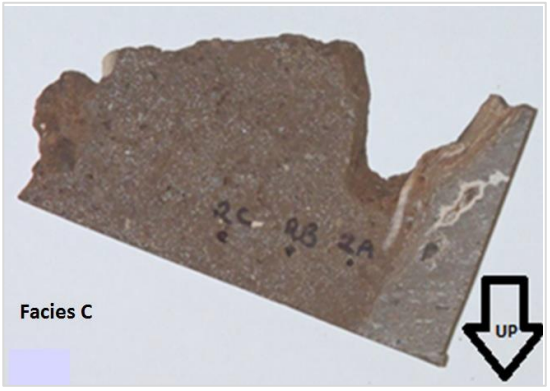
Sample	Facies/unit	Location from bottommost sample (mm)	$\delta^{13}C$	$\delta^{18}O$
PMO4-2 F1	Intercalated flowstone /sediment	0	-4.08	-5.24
PMO4-2 F2	Intercalated flowstone /sediment	1.5	-4.27	-5.22
PMO4-2 F3	Intercalated flowstone /sediment	3.5	-4.64	-5.17
PMO4-2 F4	Intercalated flowstone /sediment	5	-4.63	-5.21
PM04-2 F6	Intercalated flowstone /sediment	8	-5.01	-6.13
PMO4-2 F7	Intercalated flowstone /sediment	10	-4.80	-5.32
PMO4-2 F8	Intercalated flowstone /sediment	11.5	-5.01	-5.23
PMO4-2 F9	Intercalated flowstone /sediment	12	-5.10	-5.32
PM04-2 F10	Intercalated flowstone /sediment	14	-5.06	-5.51
PMO4-2 F11	Facies D	17	-4.74	-5.23

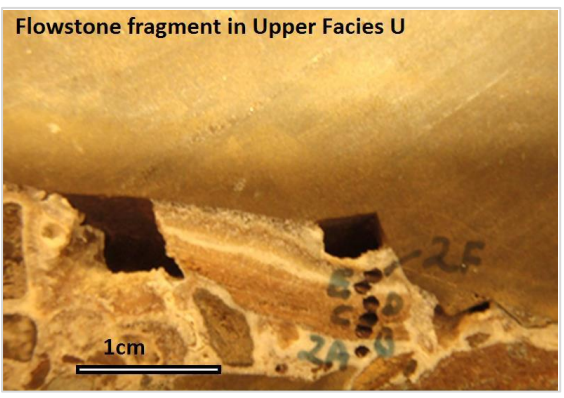
PM09

Note that Facies U has been renamed Facies Da, and that the intercalated flowstone-sediment unit is at the top of Facies Da.





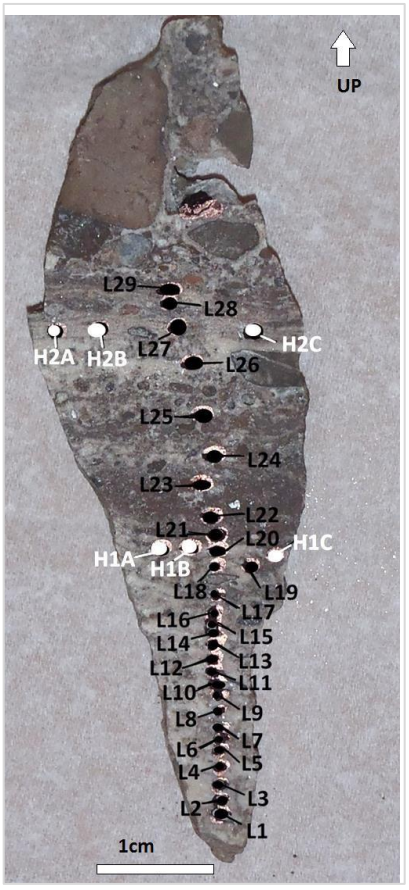


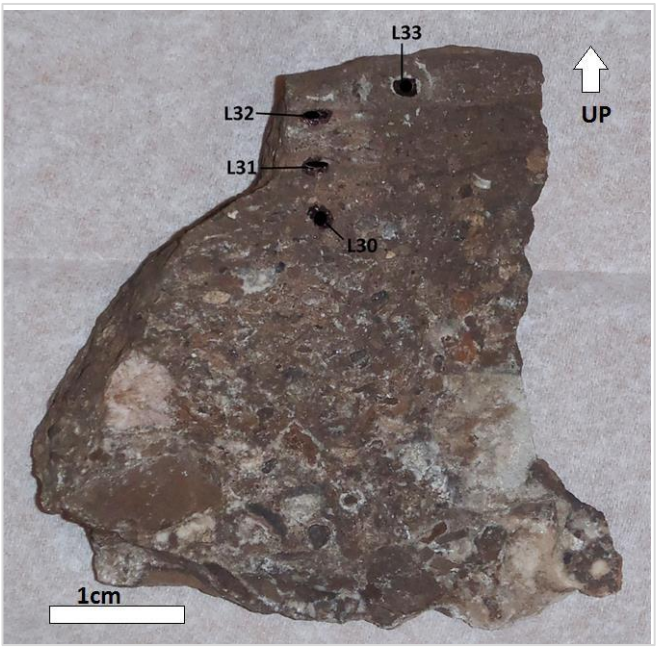


Sample	Facies/unit	Location from bottommost sample (mm)	$\delta^{13}C$	$\delta^{18}O$
PM09 H2C	Facies C		0.09	-4.81
PM09 H2B	Facies C		0.73	-3.97
PM09 H2A	Facies C		0.88	-4.14
PM09 F1A	Facies C		0.54	-4.79
PM09 F1B	Flowstone between Facies U and Facies C		-5.29	-4.87
PM09 F1C	Flowstone between Facies U and Facies C		-3.55	-3.84
PM09 F1D	Flowstone between Facies U and Facies C		-4.31	-5.08
PM09 F1E	Flowstone between Facies U and Facies C		-3.78	-4.23
PM09 F1F	Flowstone between Facies U and Facies C		-4.80	-4.12
PM09 S1R	Lower Facies U	0	-4.98	-4.70
PM09 S2	Lower Facies U	2	-4.83	-4.09
PM09 S3	Lower Facies U	5	-4.63	-4.05
PM09 S4	Lower Facies U	6	-5.06	-4.17
PM09 S5	Lower Facies U	8	-4.85	-4.36
PM09 S6	Lower Facies U	11	-5.65	-4.97
PM09 S7	Lower Facies U	14	-5.02	-4.50
PM09 S8	Lower Facies U	22	-4.94	-4.62
PM09 S9	Lower Facies U	25	-5.11	-4.75
PM09 S10R	Lower Facies U	27	-4.55	-4.46
PM09 S11R	Lower Facies U	30	-4.92	-4.86
PM09 S12R	Lower Facies U	31	-5.11	-4.69
PM09 S13R	Lower Facies U	36	-5.05	-4.27
PM09 S14	Lower Facies U	40	-5.32	-5.33
PM09 S15R	Lower Facies U	41	-5.22	-4.67
PM09 S16	Lower Facies U	42	-4.90	-4.74
PM09 S17AR	Lower Facies U	43	-4.75	-4.83
PM09 S18R	Lower Facies U	49	-5.09	-4.87
PM09 S19	Lower Facies U	50	-5.27	-4.52
PM09 S20	Lower Facies U	55	-4.58	-4.90
PM09 S21R	Lower Facies U	60	-4.53	-4.71
PM09 S22R	Lower Facies U	67	-4.97	-4.86
PM09 S27	Lower Facies U	74	-5.00	-5.05
PM09 S31R	Lower Facies U	78	-4.58	-4.63
PM09 S33	Upper Facies U	82	-4.40	-4.74

Sample	Facies/unit	Location from bottommost sample (mm)	$\delta^{13}C$	$\delta^{18}O$
PM09 S34	Upper Facies U	83	-4.63	-5.25
PM09 S35R	Upper Facies U	87	-4.57	-4.70
PM09 S36	Upper Facies U	88	-4.43	-4.83
PM09 S37	Upper Facies U	93	-2.09	-4.25
PM09 S39	Upper Facies U	99	-4.31	-4.77
PM09 S40	Upper Facies U	119	-4.91	-4.95
PM09 S41	Upper Facies U	124	-3.04	-4.30
PM09 S49R	Upper Facies U	144	-5.02	-5.02
PM09 S50RL	Intercalated flowstone/sediment unit	151	-4.62	-5.00
PM09 S51RL	Intercalated flowstone/sediment unit	152	-5.18	-6.14
PM09 S53R	Intercalated flowstone/sediment unit	154	-5.46	-4.33
PM09 S55R	Intercalated flowstone/sediment unit	155	-5.16	-4.60
PM09 S57R	Intercalated flowstone/sediment unit	157	-4.81	-4.38
PM09 S58R	Facies D	166	-4.80	-4.25
PM09 F1G	Matrix Upper Facies U		-4.75	-4.57
PM09 F2A	Flowstone fragment Upper Facies U		-4.90	-4.56
PM09 F2B	Flowstone fragment Upper Facies U		-5.24	-4.64
PM09 F2C	Flowstone fragment Upper Facies U		-5.15	-4.84
PM09 F2D	Flowstone fragment Upper Facies U		-5.05	-4.45
PM09 F2E	Flowstone fragment Upper Facies U		-3.71	-5.33
PM09 F2F	Flowstone fragment Upper Facies U		-4.06	-4.74
PM09 H1A	Lower Facies U		-4.70	-4.58
PM09 H1B	Lower Facies U		-4.74	-4.55
PM09 H1C	Lower Facies U		-4.99	-4.38
PM09 H1D	Lower Facies U		-4.94	-4.45
PM09 H1A 60%	Lower Facies U		-4.71	-4.57
PM09 S32A	Upper Facies U		-4.82	-4.58
PM09 S32B	Upper Facies U		-4.65	-4.74
PM09 S32C	Upper Facies U		-4.66	-4.71

PM09-2





Sample	Location from bottommost sample (mm)	$\delta^{13}C$	$\delta^{18}O$
PM09-2 L1	0	-3.45	-5.14
PM09-2 L2			
PM09-2 L3	2.5	-3.79	-5.28
PM09-2 L4			
PM09-2 L5	6	-3.53	-5.28
PM09-2 L6			
PM09-2 L7	8	-3.69	-5.14
PM09-2 L8			
PM09-2 L9	11.5	-3.80	-5.10
PM09-2 L10			
PM09-2 L11	13.5	-3.80	-5.24
PM09-2 L12			
PM09-2 L13	16.5	-3.76	-5.15
PM09-2 L14			

Sample	Location from bottommost sample (mm)	$\delta^{13}C$	$\delta^{18}O$
PM09-2 L15	19	-4.01	-5.16
PM09-2 L16			
PM09-2 L17	22.5	-3.80	-5.25
PM09-2 L18	23.5	-3.97	-5.30
PM09-2 L19			
PM09-2 L20	25.5	-4.37	-5.57
PM09-2 L21	27.5	-4.88	-5.29
PM09-2 L22	29	-4.85	-5.27
PM09-2 L23	32.5	-4.88	-5.30
PM09-2 L24	39	-4.77	-5.35
PM09-2 L25	44	-4.32	-5.27
PM09-2 L26	49	-4.09	-5.51
PM09-2 L27	50.5	-4.22	-5.29
PM09-2 L28	52	-4.69	-5.33
PM09-2 L29	53	-4.86	-5.34
PM09-2 Matrix	63	-4.25	-5.25
PM09-2 L30	70	-4.64	-5.52
PM09-2 L31	75	-4.75	-5.70
PM09-2 L32	80	-4.75	-5.46
PM09-2 L33	82	-4.68	-5.22
PM09-2 H1A		-4.22	-5.61
PM09-2 H1B			
PM09-2 H1C		-4.67	-5.61
PM09-2 H2A			
PM09-2 H2B		-3.85	-5.31
PM09-2 H2C		-4.42	-5.36
PM09-2 Infill		-0.43	-4.34