

Table A. Magnetostratigraphy and demagnetization data for the Main and Slide sections at Buff Bay, Jamaica.

Sample	height[m]	°Arc	NRM			Dec.			PCA			n	last AF [mT]
			Dec.	Inc.	J mA/m	Dec.	Inc.	J mA/m	MAD				
<i>Main Section</i>													
BB1	214.55	8.0	347.6	4.9	1.814	334.9	24.2	0.796	9.4	4	60		
BB2	215.50	23.7	23.3	27.8	1.660	339.9	15.2	0.385	18.7	5	70		
BB3.1	216.10	22.3	353.9	29.9	6.431	359.6	21.0	2.078	17.0	6	60		
BB4.1	216.90	29.1	342.5	26.3	2.657	337.0	19.0	0.962	10.0	6	60		
BB6.1*	218.10	139.5	341.8	29.4	0.610	328.0	37.9	1.14	28.0	14	99		
BB7	218.60	18.6	41.1	67.6	3.470	350.2	18.0	1.859	3.0	4	60		
BB8.1	220.20	13.1	326.6	28.8	1.494	339.6	36.1	0.688	20.2	8	85		
BB10.1	221.20	40.1	359.9	17.1	9.333	356.8	35.6	4.085	12.5	5	70		
BB11.2	221.76	13.0	340.7	23.7	0.722	352.9	36.7	0.19	8.7	4	40		
BB12	222.30	5.5	7.4	32.3	2.591	357.0	50.6	0.919	14.6	4	60		
BB14.1	223.75	11.3	337.4	17.0	1.467	329.5	12.7	0.835	9.4	9	90		
BB15.2	223.91	66.5	348.2	19.8	2.913	359.7	14.1	1.804	13.5	7	90		
BB16	224.30	21.6	348.2	26.6	2.494	334.6	22.6	1.422	6.8	4	60		
BB17.2	225.21	11.6	356.2	28.3	2.853	340.6	19.3	1.782	2.7	4	60		
BB18.1	225.70	46.9	328.5	24.6	4.105	336.6	18.8	1.446	18.5	6	60		
BB19.1	226.10	81.3	23.8	-11.6	1.889	352.1	1.0	0.753	24.5	6	60		
BB20.1	226.45	66.6	21.0	-7.0	2.147	338.0	5.3	1.294	24.4	6	80		
BB21	226.90	105.7	17.9	48.5	0.971	340.6	37.4	0.71	9.9	4	60		
BB22.2	227.50	90.3	164.0	29.2	2.652	107.0	49.6	1.353	13.1	4	60		
BB23.1	228.10	26.3	21.1	-3.2	6.275	355.8	6.7	1.325	19.9	5	75		
BB24.2	228.91	114.8	343.0	38.9	0.495	334.2	19.2	0.574	14.2	5	70		
BB25.1	229.50	67.6	324.0	24.3	0.529	331.7	19.4	0.489	14.6	5	60		
BB26.2	230.11	45.7	321.8	20.6	1.652	327.3	27.9	0.662	20.0	5	70		
BB27.1	230.40	62.4	358.1	55.9	0.695	1.0	41.4	0.461	24.6	6	75		
BB28.1	230.80	68.5	344.2	1.4	0.925	15.0	-8.9	0.387	19.3	6	50		
BB29.1*	231.40	40.5	18.0	-2.6	5.055	355.2	-6.0	0.609	35.2	13	99		
BB30.1	231.95	24.8	31.2	-0.5	2.368	28.4	51.6	0.538	24.6	4	60		
BB31.1*	232.80	26.5	329.8	30.1	0.816	345.3	14.0	0.223	33.8	7	80		
BB32.1	233.40	104.6	2.4	2.7	1.900	7.3	17.4	0.575	18.0	6	50		
BB33.1	233.90	127.8	337.3	47.7	1.118	351.6	42.7	0.366	20.5	6	50		
BB34.2	234.11	45.4	359.7	-19.7	0.902	3.8	19.6	0.355	18.6	5	75		
BB35.1	234.70	40.9	337.4	27.4	5.334	339.4	30.6	2.87	7.1	6	70		
BB36.1	235.10	19.4	5.3	16.2	1.830	347.6	25.8	1.124	9.3	10	99		
BB38.1	236.30	78.3	23.5	29.8	0.777	332.8	17.6	0.406	11.5	4	40		
BB39A.1	236.75	44.0	328.3	51.8	1.320	327.2	31.1	0.745	8.3	5	75		
BB40.1*	237.35	39.2	327.6	1.1	0.776	35.6	12.7	0.262	36.0	6	75		
BB41.1	238.35	74.5	344.8	40.1	0.537	58.5	68.4	0.318	16.7	7	75		

(continued)

Table A. (continued)

BB42.2	238.90	15.1	341.9	14.2	0.328	322.2	3.1	0.283	8.4	4	60
BB43.2	239.36	37.7	334.6	24.0	0.534	342.9	42.0	0.398	18.3	5	70
BB44.1	240.06	92.7	3.5	-4.4	0.317	343.6	6.2	0.385	16.9	6	60
BB45.2	240.50	49.1	322.5	33.8	0.770	64.5	54.3	0.322	20.9	5	60
BB46.1†	241.00	112.5	34.4	32.9	0.154	316.6	28.4	0.134	31.0	7	70
BB47.1	241.35	105.3	352.7	17.8	0.274	26.2	-22.3	0.521	18.3	5	75
BB48.2	242.30	88.4	23.7	-4.2	1.103	345.1	31.1	0.395	20.9	10	99
BB50.1*	245.90	59.8	283.6	-36.0	1.113	139.9	-75.5	0.162	28.1	6	60
BB51.1	246.60	44.7	356.4	12.3	0.492	1.2	-70.9	0.09	20.5	6	50
BB52.2	247.11	150.2	26.1	49.3	0.071	335.1	-8.9	0.119	3.7	4	40
BB53.1	247.65	95.4	345.9	28.6	0.303	295.9	11.8	0.16	21.8	5	60
BB54.2	248.55	119.1	6.3	79.0	1.283	347.7	27.6	0.426	9.1	5	70
BB55.2	249.36	35.4	67.2	-15.9	0.212	355.5	-43.2	0.104	25.8	4	40
BB56.2	249.75	56.6	23.2	10.1	1.004	6.5	-13.5	0.38	8.0	4	60
BB57.1	250.35	43.3	301.7	4.3	0.917	319.8	-28.5	0.347	21.5	7	70
BB58.1*	250.90	61.9	335.3	22.7	0.948	20.6	53.2	0.29	27.1	6	80
BB58A	251.30	34.9	194.2	2.6	8.280	148.2	11.4	2.67	7.3	4	60
BB58B	251.65	54.0	290.3	-2.9	5.535	319.4	9.0	1.095	8.8	5	70
BB59.1	252.00	89.6	28.6	33.1	0.630	36.8	52.2	0.312	23.7	8	70

Slide section

BB60.1	273.10	37.3	343.4	1.0	1.048	346.3	-27.8	0.27	13.6	4	60
BB61.2	273.35	68.3	297.4	-18.1	0.470	325.7	13.4	0.387	5.5	4	40
BB62.1	273.95	9.6	320.5	29.4	0.610	328.9	10.9	0.204	11.9	6	50
BB63.1	274.20	95.6	351.7	-43.9	0.330	326.7	7.0	0.376	16.5	6	50
BB64.1	274.70	28.7	263.9	45.1	0.299	352.9	61.8	0.11	9.9	7	60
BB65.1	275.60	48.7	299.1	-0.4	0.589	324.6	7.3	0.399	22.5	13	99
BB66	276.50	44.4	323.2	12.6	0.597	347.5	73.2	0.164	25.8	5	60

°Arc, angular distance of magnetization vector between 10mT (millitesla) and final demagnetization step. NRM Dec., Inc., and J, declination, inclination, and intensity (total moment) of natural remanent magnetization. PCA Dec., Inc., and J, declination, inclination, and intensity (total moment) of least-squares vector calculated with principal component analysis. MAD, mean angular deviation of vector endpoints from least-squares vector. n, number of vector endpoints used in principal component analysis. last AF, final step in alternating field demagnetization (in millitesla) that was used for principal component analysis.

NOTES:

* Samples rejected based on MAD value.

† Fortuitously high MAD value the result of equally strong reversed and overprint magnetizations, thus sample accepted.

Table B. Stable isotopic data on *Cibicidoides* spp., Buff Bay, Jamaica

Sample	Thickness	$\delta^{18}\text{O}$	$\delta^{13}\text{C}$
SG21	156.60	0.74	-0.24
SG20	158.10	0.83	-0.31
SG19	163.40	0.91	-0.52
SG18	167.80	1.22	0.15
SG17	175.60	1.14	0.36
SG16	178.80	1.18	0.66
SG15	183.80	1.14	0.58
SG14	187.70	1.29	0.78
SG13	190.50	1.34	0.64
SG12	192.80	0.98	0.68
SG11	194.60	0.99	0.68
SG10	197.00	0.93	0.67
SG09	199.10	1.29	0.76
SG08	200.70	1.38	0.74
SG07	202.00	1.08	0.74
SG06	204.20	1.37	0.55
SG05	207.20	0.76	0.61
SG04	209.60	1.18	0.28
SG03	210.80	1.04	0.54
SG02	212.00	1.10	0.12
SG01	212.30	0.96	0.26
BB01	214.57	0.76	0.63
BB02	215.50	1.04	0.59
BB06	218.02	1.12	0.56
BB10	221.17	1.21	0.58
BB22	227.44	1.15	0.52
BB24	228.88	1.23	0.56
BB26	230.03	0.82	0.44
BB28	230.82	0.70	0.68

BB36	235.08	0.58	0.77
BB40	237.34	0.51	0.81
BB44	240.02	0.59	0.59
BB48	242.30	1.09	0.54
BB50	245.90	0.94	0.67
BB52	247.10	0.98	0.62
BB54	248.52	1.01	0.39
BB56	249.86	0.48	0.51
BB56	249.86	0.44	0.53
BB58	250.90	0.96	0.43
BB60	273.10	1.04	0.28
BB62	274.00	1.10	0.20
BB64	274.70	0.58	0.54