

Sample ID ¹	Depth	Age ²	Carbonate MAR	LSR	Fragmentation	Sand Fraction	<i>G. puncticulata</i> mean test weight	<i>G. bulloides</i> size normalized weight	<i>G. ruber</i> size normalized weight	Lith Diameter	% Liths > 5 μ m
	(mcd)	(Ma)	(g.cm ⁻² .kyr ⁻¹)	(cm.kyr ⁻¹)	(Whole to fragments index ³)	(wt%)	(μ g)	(μ g)	(μ g)	(μ m)	
94 607 * 12 R 6 W 40 - 42 cm	111.09	2.596	0.56	5.00	9.5	8.7	33.8	13.3		3.9	0.05
94 607 * 12 R 6 W 88 - 91 cm	111.57	2.606	0.47	4.26	25.0	4.6	24.8	12.1			
94 607 * 12 R 6 W 131 - 134 cm	112.00	2.616	0.42	3.86	31.6	7.3	32.8	19.5		3.9	0.05
94 607 A 13 R 4 W 41 - 43 cm	112.37	2.625	0.38	3.63	26.1	8.6	34.1	21.2			
94 607 A 13 R 4 W 83 - 85 cm	112.78	2.637	0.48	4.40	18.1	9.5	33.7	19.0		3.8	0.09
94 607 A 13 R 4 W 123 - 125 cm	113.18	2.646	0.45	3.99	19.0	9.0	29.1	21.0		3.7	0.05
94 607 A 13 R 5 W 10 - 12 cm	113.56	2.655	0.40	3.43	30.4	9.3	30.7	16.9		3.9	0.07
94 607 A 13 R 5 W 41 - 43 cm	113.86	2.664	0.41	3.53	18.1	2.8	30.6			3.8	0.05
94 607 * 13 R 1 W 107 - 109 cm	114.35	2.678	0.46	4.19	22.0	9.8	26.7	21.6		3.7	0.03
94 607 * 13 R 1 W 146 - 148 cm	114.74	2.687	0.65	5.77	14.5	8.5		19.4		3.9	0.05
94 607 * 13 R 2 W 37 - 39 cm	115.15	2.694	0.60	5.21	27.1	10.4		28.6		4.1	0.11
94 607 * 13 R 2 W 75 - 77 cm	115.53	2.701	0.55	4.63	15.4	10.7	32.0	19.9			
94 607 * 13 R 2 W 118 - 120 cm	115.96	2.711	0.58	4.69	13.6	7.9	29.7	16.6		4.4	0.17
94 607 * 13 R 3 W 7 - 9 cm	116.35	2.719	0.48	3.81	17.2	8.1	34.7	13.1		4.5	0.17
94 607 * 13 R 3 W 42 - 44 cm	116.70	2.728	0.41	3.13	11.9	5.7	36.1	15.1		4.1	0.09
94 607 * 13 R 3 W 85 - 87 cm	117.13	2.742	0.33	2.48	11.1		30.1				
94 607 * 13 R 3 W 122 - 124 cm	117.50	2.757	0.40	2.89	20.0	10.3	32.3	17.5		4.2	0.11
94 607 * 13 R 4 W 12 - 14 cm	117.92	2.771	0.65	4.61	18.1	7.8	26.6	14.9		4.1	0.11
94 607 * 13 R 4 W 45 - 47 cm	118.25	2.779	0.62	4.26	25.0	8.5	33.0	13.4		4.6	0.21
94 607 * 13 R 4 W 91 - 93 cm	118.69	2.789	0.66	4.55	15.7	8.1	34.6			4.2	0.12
94 607 * 13 R 4 W 126 - 128 cm	119.04	2.797	0.72	5.00	29.3	9.2		17.2		3.9	0.10
94 607 * 13 R 5 W 17 - 19 cm	119.45	2.805	0.64	4.48	23.0	6.7	34.7	33.2		4.0	0.11
94 607 * 13 R 5 W 59 - 61 cm	119.87	2.814	0.58	4.02	16.3	10.4		10.3		4.1	0.12
94 607 * 13 R 5 W 98 - 100 cm	120.26	2.824	0.51	3.57	10.2		10.2			4.0	0.15
94 607 * 13 R 5 W 134 - 136 cm	120.62	2.834	0.47	3.28	24.0	8.8	33.5	22.8			
94 607 * 13 R 6 W 22 - 24 cm	121.00	2.846	0.47	3.31	22.0	9.1		21.6		4.1	0.13
94 607 * 13 R 6 W 67 - 69 cm	121.45	2.859	0.55	3.89	11.1		38.3			4.4	0.17
94 607 * 13 R 6 W 107 - 109 cm	121.85	2.869	0.66	4.63	20.0	8.1	30.9	21.3		4.1	0.18
94 607 * 13 R 6 W 142 - 144 cm	122.20	2.877	0.73	5.15	32.7	7.7	37.4	21.5			
94 607 A 14 R 4 W 147 - 149 cm	122.62	2.885		5.21		7.0				3.8	0.07
94 607 A 14 R 5 W 39 - 41 cm	123.04	2.893		5.33	19.0	5.9	30.7	17.8		4.1	0.13
94 607 * 14 R 1 W 37 - 39 cm	123.42	2.900	0.67	4.71	27.1	10.3		17.9		3.8	0.10
94 607 * 14 R 1 W 78 - 80 cm	123.83	2.909	0.51	3.61	12.8	8.6	40.9	19.5			
94 607 * 14 R 1 W 118 - 120 cm	124.23	2.920	0.52	3.73	25.0	7.4	29.6	15.1		3.9	0.11
94 607 * 14 R 2 W 3 - 5 cm	124.59	2.930	0.62	4.43	17.2	14.8		19.1			
94 607 * 14 R 2 W 46 - 48 cm	125.01	2.939	0.70	5.03	35.1	7.8	28.1	18.1		3.9	0.10
94 607 * 14 R 2 W 86 - 88 cm	125.41	2.947	0.73	5.20		6.3				4.1	0.24
94 607 * 14 R 2 W 122 - 124 cm	125.77	2.954	0.66	4.74	8.7	6.3	27.8	20.5		4.2	0.15
94 607 * 14 R 3 W 9 - 11 cm	126.15	2.962	0.52	3.75	16.3	6.8	35.1			4.1	0.19
94 607 * 14 R 3 W 51 - 54 cm	126.56	2.973	0.62	4.47	30.4	6.0	35.7	23.0			
94 607 * 14 R 3 W 87 - 90 cm	126.92	2.981	0.64	4.61	25.0	6.5		24.6			
94 607 * 14 R 3 W 132 - 134 cm	127.37	2.991	0.60	4.36	16.3	9.8	35.9	18.3			0.15
94 607 * 14 R 4 W 22 - 24 cm	127.77	3.000	0.49	3.62	18.1	7.8	34.6	21.7			
94 607 * 14 R 4 W 62 - 64 cm	128.17	3.011	0.45	3.32	38.9	6.3	34.6			3.9	0.09
94 607 * 14 R 4 W 96 - 98 cm	128.51	3.021	0.50	3.70	21.0	7.4	34.9	15.9		4.8	0.29
94 607 * 14 R 4 W 143 - 145 cm	128.98	3.034	0.45	3.29	31.6	6.9	37.1	16.5			
94 607 * 14 R 5 W 33 - 35 cm	129.38	3.046	0.44	3.19	16.3	6.5	33.3	23.8		4.1	0.13
94 607 * 14 R 5 W 70 - 72 cm	129.75	3.058	0.62	4.48	38.9	8.2		17.1		4.2	0.15
94 607 * 14 R 5 W 113 - 115 cm	130.18	3.067	0.65	4.73	21.0	6.8	35.0	13.3			
94 607 * 14 R 6 W 8 - 10 cm	130.63	3.077	0.69	4.93	15.4		29.1			4.5	0.20
94 607 * 14 R 6 W 52 - 54 cm	131.07	3.086	0.71	5.11	16.3	6.0	28.6			3.9	0.11
94 607 * 14 R 6 W 81 - 83 cm	131.36	3.092	0.67	4.78	19.0	8.3	29.9	16.4		4.0	0.12
94 607 * 14 R 6 W 127 - 129 cm	131.82	3.101	0.59	4.17	15.4	6.5		15.4		4.3	0.17
94 607 * 14 R 7 W 10 - 12 cm	132.15	3.109	0.39	2.79	23.0	6.3	32.8	17.0			
94 607 * 15 R 1 W 62 - 64 cm	133.42	3.155	0.69	4.83	16.3	9.5	32.3	18.3		4.2	0.15
94 607 * 15 R 1 W 102 - 104 cm	133.82	3.163	0.70	4.92	17.2	9.3	31.4	14.4		4.4	0.20
94 607 * 15 R 1 W 131 - 134 cm	134.11	3.169	0.75	5.26	15.4	8.2	28.2				
94 607 * 15 R 2 W 36 - 38 cm	134.66	3.179	0.73	5.10	20.0	8.1	27.7			4.2	0.19
94 607 * 15 R 2 W 65 - 67 cm	134.95	3.185	0.68	4.76	13.6	8.1	32.2	15.1			

94	607	*	15	R	2	W	118	-	120	cm	135.48	3.196	0.57	3.96	11.1	7.4	30.5	22.1	4.7	0.22
94	607	*	15	R	3	W	12	-	14	cm	135.92	3.207	0.57	3.94	13.6	6.2	28.7	21.7	4.6	0.21
94	607	*	15	R	3	W	49	-	51	cm	136.29	3.217	0.63	4.35	12.8	10.5	33.2	17.7	4.7	0.28
94	607	*	15	R	3	W	88	-	90	cm	136.68	3.226	0.74	5.11	24.0	10.3	28.7	18.7		
94	607	*	15	R	3	W	125	-	127	cm	137.05	3.233	0.80	5.48	17.2	8.8	30.6	16.6	4.2	0.12
94	607	*	15	R	4	W	16	-	18	cm	137.46	3.240	0.81	5.53	24.0	9.8		16.2	4.4	0.21
94	607	*	15	R	4	W	53	-	55	cm	137.83	3.247	0.67	4.56	7.9	10.5		21.3	4.1	0.13
94	607	*	15	R	4	W	88	-	90	cm	138.18	3.255	0.28	1.88	23.0	8.4		19.5	3.7	0.13
94	607	*	15	R	4	W	129	-	131	cm	138.59	3.276	0.18	1.21	13.6	8.3		18.5	4.6	0.17
94	607	*	15	R	5	W	16	-	18	cm	138.96	3.307	0.20	1.32	9.5					
94	607	*	15	R	5	W	57	-	59	cm	139.37	3.338			15.4	7.3		15.1	4.0	0.07
165	999	A	10	H	1	W	107	-	109	cm	84.61	2.599	0.30	3.60	26.5	38.8		17.3	2.4	0.03
165	999	A	10	H	1	W	137	-	139	cm	84.90	2.608	0.28	3.17	28.5	20.4		18.7		
165	999	A	10	H	2	W	21	-	23	cm	85.21	2.617	0.26	2.88	41.0	13.9		17.7	3.2	0.01
165	999	A	10	H	2	W	50	-	52	cm	85.49	2.627	0.25	2.88	40.0	19.2		16.4		
165	999	A	10	H	2	W	70	-	72	cm	85.68	2.634	0.26	2.88	25.0	30.1		18.5	3.1	0.00
165	999	A	10	H	2	W	96	-	98	cm	85.93	2.642	0.26	2.88	27.5	27.3		18.8		
165	999	A	10	H	2	W	121	-	123	cm	86.17	2.651	0.26	2.88	29.5	24.5		18.5	3.4	0.02
165	999	A	10	H	2	W	140	-	142	cm	86.35	2.657	0.27	2.88	31.0	21.7		18.2		
165	999	A	10	H	3	W	19	-	21	cm	86.62	2.666	0.31	3.35	27.0	21.9		17.8	2.7	0.03
165	999	A	10	H	3	W	50	-	52	cm	86.92	2.675	0.33	3.60	34.5	30.9		16.9		
165	999	A	10	H	3	W	77	-	79	cm	87.17	2.682	0.33	3.60	24.5	19.8		20.2	3.0	0.05
165	999	A	10	H	3	W	100	-	102	cm	87.39	2.688	0.33	3.61	23.0	20.2		18.1		
165	999	A	10	H	3	W	120	-	122	cm	87.58	2.693	0.33	3.60	36.5	26.5		17.7	3.1	0.04
165	999	A	10	H	3	W	140	-	142	cm	87.77	2.699	0.33	3.60	18.0	38.0		18.5		
165	999	A	10	H	4	W	14	-	16	cm	87.99	2.705	0.34	3.60	33.0	20.9		17.2	3.4	0.12
165	999	A	10	H	4	W	29	-	31	cm	88.14	2.709	0.35	3.60	15.0	24.8		19.1		
165	999	A	10	H	4	W	49	-	51	cm	88.33	2.714	0.35	3.61	14.0	26.7		22.0		
165	999	A	10	H	4	W	110	-	112	cm	88.90	2.730	0.31	3.07	35.0	23.5		19.0	3.4	0.01
165	999	A	10	H	4	W	148	-	150	cm	89.26	2.742	0.29	2.88	46.0	22.6		21.9	3.4	0.01
165	999	A	10	H	5	W	29	-	31	cm	89.56	2.752	0.30	2.88	21.5	23.6		17.8	3.4	0.00
165	999	A	10	H	5	W	71	-	73	cm	89.96	2.766	0.32	2.88	37.0	32.3		17.4	3.3	0.00
165	999	A	10	H	5	W	120	-	122	cm	90.42	2.782	0.40	3.60	32.3	25.9		19.9	3.1	0.03
165	999	A	10	H	6	W	1	-	3	cm	90.71	2.790	0.40	3.60	25.0	40.2		18.0	3.2	0.01
165	999	A	10	H	6	W	48	-	50	cm	91.16	2.802	0.40	3.61	33.0	26.6		20.6	3.7	0.14
165	999	A	10	H	6	W	90	-	92	cm	91.56	2.813	0.35	3.28	52.5	17.5		18.3	3.3	0.06
165	999	A	10	H	6	W	127	-	129	cm	91.91	2.824	0.24	2.31	44.0	17.1		19.9		
165	999	A	10	H	7	W	10	-	12	cm	92.22	2.837	0.23	2.31	39.5	23.5		19.1	3.8	0.19
165	999	A	10	H	7	W	50	-	52	cm	92.60	2.854	0.21	2.31	42.0	21.5		19.9	4.0	0.15
165	999	A	10	H	CC	W	19	-	21	cm	92.94	2.868	0.19	2.31	36.0	24.2		18.4	3.8	0.15
165	999	A	11	H	1	W	31	-	33	cm	93.40	2.888	0.19	2.31	41.5	13.7		18.3		
165	999	A	11	H	1	W	56	-	58	cm	93.63	2.898	0.22	2.68	48.5	24.0		18.3	3.3	0.01
165	999	A	11	H	1	W	88	-	90	cm	93.94	2.910	0.25	2.88	34.0	30.0		19.2	3.4	0.03
165	999	A	11	H	1	W	122	-	124	cm	94.26	2.921	0.25	2.88	28.5	29.2		19.1	3.6	0.05
165	999	A	11	H	2	W	27	-	29	cm	94.79	2.939	0.26	2.88	49.0	22.7		18.5	3.8	0.04
165	999	A	11	H	2	W	53	-	55	cm	95.03	2.948	0.26	2.88	43.5	19.3		17.6	3.7	0.04
165	999	A	11	H	2	W	80	-	82	cm	95.29	2.957	0.27	3.08	25.5	28.4		18.9	3.4	0.03
165	999	A	11	H	2	W	108	-	110	cm	95.56	2.966	0.30	3.46	23.0	28.0		19.0	3.4	0.03
165	999	A	11	H	2	W	139	-	141	cm	95.85	2.974	0.32	3.61	29.0	18.6		19.4	3.4	0.02
165	999	A	11	H	3	W	50	-	52	cm	96.44	2.990	0.32	3.60	32.5	22.8		20.6	3.3	0.02
165	999	A	11	H	3	W	90	-	92	cm	96.82	3.001	0.32	3.60	26.0	32.4		18.8	3.2	0.00
165	999	A	11	H	3	W	123	-	125	cm	97.13	3.009	0.33	3.61	34.3	24.8		18.2	3.2	0.01
165	999	A	11	H	4	W	3	-	5	cm	97.42	3.017	0.34	3.60	40.5	16.5		17.6	3.4	0.02
165	999	A	11	H	4	W	37	-	39	cm	97.74	3.026	0.34	3.60	42.5	16.5		18.2	3.3	0.00
165	999	A	11	H	4	W	63	-	65	cm	97.99	3.033	0.35	3.60	43.0	21.0		17.4		
165	999	A	11	H	4	W	93	-	95	cm	98.27	3.041	0.34	3.61	50.5	16.5		17.7	3.4	0.07
165	999	A	11	H	4	W	120	-	122	cm	98.53	3.048	0.34	3.60	33.5	36.4		19.1		
165	999	A	11	H	5	W	2	-	4	cm	98.84	3.057	0.34	3.60	39.5	22.0		19.3	3.3	0.02
165	999	A	11	H	5	W	28	-	30	cm	99.08	3.064	0.31	3.41	46.5	21.4		17.3		
165	999	A	11	H	5	W	53	-	55	cm	99.32	3.071	0.27	2.91	42.5	23.1		17.9	3.3	0.04
165	999	A	11	H	5	W	83	-	85	cm	99.61	3.081	0.28	2.88	42.5	17.0		18.6		
165	999	A	11	H	5	W	112	-	114	cm	99.88	3.090	0.28	2.88	48.5	20.9		18.1	3.0	0.02
165	999	A	11	H	5	W	142	-	144	cm	100.17	3.100	0.28	2.88	48.0	20.6		17.7		
165	999	A	11	H	6	W	38	-	40	cm	100.61	3.115	0.29	2.89	44.0	25.3		18.1	3.2	0.05

165	999	A	11	H	6	W	68	-	70	cm	100.89	3.125	0.29	2.88	52.0	28.6	18.4		
165	999	A	11	H	6	W	99	-	101	cm	101.19	3.135	0.29	2.89	40.5	20.3	18.4	2.9	0.02
165	999	A	11	H	6	W	127	-	129	cm	101.46	3.145	0.28	2.88	39.0	21.8	16.8		
165	999	A	11	H	7	W	0	-	2	cm	101.68	3.152	0.28	2.85	51.0	20.0	17.7	3.4	0.01
165	999	A	11	H	7	W	53	-	55	cm	102.18	3.170	0.26	2.50	44.5	22.0	18.2	3.4	0.03
165	999	A	11	HCC	W	3	-	5	cm	102.39	3.178	0.25	2.31	48.5	36.8	18.7			
165	999	A	12	H	1	W	4	-	6	cm	102.64	3.189	0.24	2.31	46.5	20.0	19.0		
165	999	A	12	H	1	W	29	-	31	cm	102.87	3.199	0.26	2.31	46.5	22.7	17.8	2.5	0.01
165	999	A	12	H	1	W	57	-	59	cm	103.14	3.211	0.25	2.31	58.5	23.5	19.2		
165	999	A	12	H	1	W	99	-	101	cm	103.53	3.228	0.24	2.31	47.5	15.6	17.3	2.5	0.01
165	999	A	12	H	1	W	118	-	120	cm	103.71	3.235	0.24	2.31	44.5	31.9	18.5		
165	999	A	12	H	1	W	143	-	145	cm	103.95	3.246	0.23	2.43	45.5	31.3	18.1	2.2	0.01
165	999	A	12	H	2	W	10	-	12	cm	104.11	3.252	0.27	2.87	51.0	19.5	16.6		
165	999	A	12	H	2	W	29	-	31	cm	104.29	3.259	0.32	3.40	43.5	19.8	18.5	2.6	0.02
165	999	A	12	H	2	W	50	-	52	cm	104.49	3.265	0.33	3.61	49.5	25.0	17.8		
165	999	A	12	H	2	W	80	-	82	cm	104.77	3.272	0.33	3.60	50.5	21.0	18.5	3.2	0.05
165	999	A	12	H	2	W	110	-	112	cm	105.05	3.280			34.5	26.0	18.0		

¹Leg-Site-Hole-Core-Type-Section-Half-Top-bottom

²After Lisiecki and Raymo (2005)

³After Berger et al (1968)