

SMCE I GeoB 8502

Sample 75 cmbsf	Test Area (μm ²)	Test Volume (μm ³)	Test thickness	Dirt Volume (μm ³)	Dirt %	Shell Surface Area (μm ²)	Shell Volume (μm ³)	Protoplasm (μm3)	Test %
Shell 1	1,023,650	5,671,050	5.5	2,319,620	10%	508,085	22,200,100	16,529,050	26%
Shell 2	917,406	4,615,540	5.0	27,750	0%	440,627	19,212,000	14,596,460	24%
Shell 3	1,013,280	4,953,530	4.9	1,242,670	6%	497,521	20,742,500	15,788,970	24%
Shell 4	1,192,700	5,244,630	4.4	1,030,060	4%	572,246	26,954,300	21,709,670	19%
Shell 5	842,171	3,350,520	4.0	888,003	5%	414,938	17,036,000	13,685,480	20%
Shell 6	992,558	5,654,490	5.7	485,031	2%	492,870	21,633,000	15,978,510	26%
Shell 7	914,372	4,976,860	5.4	928,489	4%	481,934	20,686,100	15,709,240	24%
Shell 8	1,113,720	6,509,930	5.8	863,927	3%	533691	25438100	18,928,170	24%
Average	1,001,232	5,122,069	5.1	973,194	4%	492,739	21,737,763	16,615,694	23%
STDEV	113,332	923,540	0.7	659,229	0.030	49,486	3,200,716	2,560,085	0.025
STDEV %	11%	18%	13%	68%	68%	10%	15%	15%	11%

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8502	Test Area (μm ²)	Test Volume (μm ³)	Test thickness	Dirt Volume (μm ³)	Dirt %	Shell Surface Area (μm ²)	Shell Volume (μm ³)	Protoplasm (μm3)	Test %
Shell 1	973,457	5,319,397	5.5	1,486,004	7%	459,068	20,133,400	14,814,003	26%
Shell 2	1,069,520	5,228,296	4.9	1,675,260	7%	508,790	23,128,400	17,900,104	23%
Shell 3	988,223	5,014,924	5.1	703,674	3%	490,928	20,624,600	15,609,676	24%
Shell 4	1,127,470	5,699,836	5.1	2,152,477	9%	543,098	25,106,100	19,406,264	23%
Shell 5	921,172	4,867,658	5.3	363,815	2%	445,658	18,882,400	14,014,742	26%
Shell 6	1,126,413	5,548,905	4.9	2,203,650	9%	546,246	24,397,400	18,848,495	23%
Shell 7	1,030,054	4,542,654	4.4	1,264,516	6%	494,570	21,945,300	17,402,646	21%
Shell 8	1,035,128	5,566,874	5.4	306,912	1%	486,526	22,689,200	17,122,326	25%
Shell 9	1,105,755	4,918,244	4.4	524,920	2%	529365	24028000	19,109,756	25%
Average	1,041,910	5,189,643	5.0	1,186,803	5%	500,472	22,326,089	17,136,446	24%
STDEV	72,139	383,480	0.4	743,612	0.030	35,099	2,103,503	1,939,754	0.018
STDEV %	7%	7%	7%	63%	58%	7%	9%	11%	7%

SMCE I GeoB 1710

Sample 98 cmbsf	Test Area (μm ²)	Test Volume (μm ³)	Test thickness	Dirt Volume (μm ³)	Dirt %	Shell Surface Area (μm ²)	Shell Volume (μm ³)	Protoplasm (μm3)	Test %
Shell 1	1,143,070	5,980,290	5.2	1,037,560	4%	562,636	25,894,200	19,913,910	23%
Shell 2	971,963	4,454,800	4.6	220,230	1%	493,400	22,489,600	18,034,800	20%
Shell 3	1,223,663	5,204,690	4.3	323,740	1%		24,082,500	18,877,810	22%
Average	1,112,899	5,213,260	4.7	527,177	2%	528,018	24,155,433	18,942,173	22%
STDEV	128,534	762,781	0.5	445,025	0.017	48,957	1,703,471	941,207	0.016
STDEV %	12%	15%	11%	84%	78%	9%	7%	5%	8%

SMCE II GeoB

1710	Test Area (μm ²)	Test Volume (μm ³)	Test thickness	Dirt Volume (μm ³)	Dirt %	Shell Surface Area (μm ²)	Shell Volume (μm ³)	Protoplasm (μm3)	Test %
Shell 1	898,398	5,119,320	5.7	314,734	2%	440,939	18,652,200	13,532,880	27%
Shell 2	910,809	3,914,350	4.3	1,137,780	6%	435,414	19,212,100	15,297,750	20%
Shell 3	1,106,380	5,689,410	5.1	37,529	0%	535,417	25,245,900	19,556,490	23%
Shell 4	1,061,990	6,214,080	5.9	25,718	0%	527,452	22,900,900	16,686,820	27%
Shell 5	967,795	4,829,610	5.0	3,836,760	19%	461,121	20,390,100	15,560,490	24%
Shell 6	988,324	5,440,200	5.5	749,144	4%	495,416	20,948,000	15,507,800	26%
Shell 7	1,023,650	5,671,050	5.5	2,319,620	10%	508,085	22,200,100	16,529,050	26%
Shell 8	963,380	4,527,640	4.7	2,744,780	14%	488,172	20,059,000	15,531,360	23%
Shell 9	1,024,790	5,612,170	5.5	2,187,190	10%	502240	21826900	16,214,730	23%
Average	993,946	5,224,203	5.2	1,483,695	7%	488,251	21,270,578	16,046,374	24%
STDEV	67,820	703,628	0.5	1,349,246	0.065	35,651	2,033,319	1,607,089	0.024
STDEV %	7%	13%	10%	91%	91%	7%	10%	10%	10%

LGM GeoB 1710

Sample 107 cmbsf	Test Area (μm ²)	Test Volume (μm ³)	Test thickness	Dirt Volume (μm ³)	Dirt %	Shell Surface Area (μm ²)	Shell Volume (μm ³)	Protoplasm (μm3)	Test %
Shell 1	1,065,790	12,164,000	11.4	2,710,330	10%	603,561	27,696,500	15,532,500	44%
Shell 2	1,020,900	10,675,900	10.5	1,656,840	6%	580,607	26,737,300	16,061,400	40%
Shell 3	983,094	10,438,700	10.6	2,290,350	9%	573,274	25,502,100	15,063,400	41%
Shell 4	1,019,810	10,217,100	10.0	680,726	3%	551,082	24,839,300	14,622,200	41%
Shell 5	1,045,580	11,902,800	11.4	690,582	2%	571,351	28,314,300	16,411,500	42%
Shell 6	1,041,610	12,551,700	12.1	1,157,330	4%	600,994	29,442,200	16,890,500	43%
Average	1,029,464	11,325,033	11.0	1,531,026	6%	580,145	27,088,617	15,763,583	42%
STDEV	28,438	997,684	0.8	842,872	0.032	19,761	1,738,451	851,451	0.014
STDEV %	3%	9%	7%	55%	56%	3%	6%	5%	3%