

18. GRAIN SIZE

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Leg 19 sediment samples were analyzed using methods and procedures described in Volumes 4 and 9 of the Initial Reports of Deep Sea Drilling Project. Table 1 does not include results for samples that required special handling or treatment.

TABLE 1
Grain Size Determinations, Leg 19

Core, Section Interval (cm)	Depth (cm)	Sand (%)	Silt (%)	Clay (%)	Classification
Site 183					
5-2 (75.0)	32.3	33.3	53.5	13.2	Silty sand
6-3 (36.0)	43.4	9.8	36.9	53.3	Clayey silt
8-4 (137.0)	64.9	4.8	73.7	21.5	Clay
9-4 (42.0)	72.9	3.8	29.5	66.8	Clayey silt
9-4 (68.0)	73.2	7.5	35.5	57.0	Clayey silt
9-4 (141.0)	73.9	6.4	40.8	52.8	Clayey silt
17-6 (29.0)	171.8	12.0	45.8	42.2	Clay
22-2 (114.0)	212.6	0.1	26.2	73.8	Clayey silt
22-5 (80.0)	216.8	0.1	26.1	73.8	Clayey silt
23-2 (120.0)	222.7	0	55.7	44.3	Clay
26-1 (126.0)	249.3	1.3	42.1	56.6	Clayey silt
26-2 (130.0)	249.3	0	63.3	36.7	Clay
26-1 (135.0)	249.4	0.1	85.8	14.1	Sand
26-1 (141.0)	249.4	0	86.1	13.9	Sand
26-1 (145.0)	249.4	0	28.2	71.8	Clayey silt
27-2 (22.0)	258.7	0.2	91.1	8.7	Sand
27-2 (68.0)	259.2	0	16.1	83.8	Silt
27-2 (94.0)	259.4	0	24.8	75.2	Silt
27-2 (98.0)	259.5	0	59.7	40.3	Clay
27-2 (101.0)	259.5	0	85.5	14.5	Sand
27-2 (105.0)	259.5	0	94.0	5.9	Sand
27-2 (109.0)	259.6	0.6	85.1	14.3	Sand
27-2 (114.0)	259.0	0	24.6	75.4	Silt
27-3 (85.0)	260.9	0.1	89.1	10.8	Sand
28-2 (25.0)	268.8	63.3	30.1	6.6	Clayey sand
28-2 (40.0)	268.9	60.9	29.8	9.3	Clayey sand
28-2 (126.0)	269.8	0.1	80.1	19.8	Sand
28-3 (38.0)	270.4	0.2	88.3	11.5	Sand
28-3 (103.0)	271.0	0.4	88.8	10.8	Sand
29-1 (121.0)	277.2	65.6	29.4	5.0	Clayey sand
29-1 (126.0)	277.3	61.8	31.5	6.6	Clayey sand
31-1 (30.0)	295.3	68.6	26.1	5.3	Clayey sand
31-1 (65.0)	295.6	59.4	31.6	9.0	Clayey sand
31-1 (95.0)	296.0	61.2	30.9	7.9	Clayey sand
33-7 (0)	350.0	0.5	40.4	59.2	Clayey silt
Site 184					
6-2 (108.0)	204.6	1.3	33.1	65.7	Clayey silt
6-3 (140.0)	206.4	48.4	45.9	5.7	Clayey sand
12-3 (50.0)	336.5	8.6	38.5	52.9	Clayey silt

TABLE 1 - Continued

Core, Section Interval (cm)	Depth (cm)	Sand (%)	Silt (%)	Clay (%)	Classification
Site 185					
25-2 (71.0)	693.2	2.8	48.1	49.1	Clayey silt
Site 186					
3-3 (42.0)	14.4	4.1	46.5	49.4	Clayey silt
7-1 (103.0)	115.0	69.1	23.3	7.7	Clayey sand
7-3 (137.0)	118.4	3.3	38.9	57.7	Clayey silt
8-5 (62.0)	139.6	0.7	35.4	63.9	Clayey silt
11-2 (65.0)	209.1	76.4	12.4	11.2	Sand-silt-clay
11-4 (52.0)	212.0	20.9	29.6	49.5	Sandy silt
11-6 (40.0)	214.9	71.9	14.3	13.9	Clayey sand
19-4 (59.0)	454.1	5.5	44.4	50.1	Clayey silt
22-3 (104.0)	566.0	34.1	59.7	6.2	Silty sand
22-3 (124.0)	566.2	60.9	30.0	9.1	Clayey sand
22-3 (142.0)	566.4	89.3	7.6	3.1	Sand-silt-clay
23-3 (15.0)	621.2	89.1	7.3	3.6	Sand-silt-clay
28-2 (110.0)	919.6	93.5	5.0	1.5	Sand-silt-clay
Site 188					
1-1 (136.0)	1.4	4.3	40.1	55.5	Clayey silt
2-2 (75.0)	3.3	2.6	49.9	47.5	Clay
5-2 (41.0)	88.9	8.6	40.6	50.8	Clayey silt
6-3 (19.0)	127.2	0.3	60.0	39.7	Clay
6-3 (61.0)	127.6	4.3	44.6	51.1	Clayey silt
7-3 (52.0)	174.5	2.5	45.3	52.2	Clayey silt
9-1 (61.0)	283.6	1.9	47.7	50.4	Clayey silt
9-1 (99.0)	284.0	0.6	56.2	43.2	Clay
11-1 (55.0)	330.5	4.5	50.8	44.7	Clay
14-1 (130.0)	565.3	2.8	47.9	49.2	Clayey silt
15-2 (118.0)	575.7	9.3	56.6	34.1	Clay
Site 189					
6-2 (21.0)	213.7	1.2	34.7	64.1	Clayey silt
6-2 (144.0)	214.9	0.8	74.0	25.2	Clay
Site 191					
2-2 (130.0)	3.8	62.9	31.9	5.1	Clayey sand
4-2 (68.0)	80.2	0.3	41.8	57.9	Clayey silt
4-2 (80.0)	80.3	0.9	71.7	27.4	Clay
4-3 (92.0)	81.9	0.4	85.2	14.4	Sand
4-4 (60.0)	83.1	3.8	87.1	9.1	Sand
4-5 (40.0)	84.4	3.2	91.2	5.6	Sand
4-6 (96.0)	86.5	1.2	82.0	16.8	Sand
5-2 (90.0)	136.4	4.2	31.4	64.4	Clayey silt
5-4 (117.0)	139.7	6.4	38.2	55.4	Clayey silt
5-6 (36.0)	141.9	2.2	87.0	10.7	Sand

TABLE 1 – Continued

Core, Section Interval (cm)	Depth (cm)	Sand (%)	Silt (%)	Clay (%)	Classification
6-1 (112.0)	172.1	62.1	25.8	12.1	Clayey sand
6-1 (143.0)	172.4	66.7	22.6	10.7	Clayey sand
6-2 (3.0)	172.5	72.7	17.5	9.7	Clayey sand
6-2 (16.0)	172.7	74.8	16.5	8.7	Clayey sand
6-2 (31.0)	172.8	83.1	11.3	5.6	Sand-silt-clay
6-2 (138.0)	173.9	0.4	59.1	40.5	Clay
Hole 191A					
2-1 (68.0)	23.7	20.7	73.3	6.0	Silty sand
2-3 (90.0)	26.9	9.4	73.2	17.5	Clay
Hole 191B					
1-3 (102.0)	4.0	1.4	42.3	56.4	Clayey silt
1-3 (107.0)	4.1	0.5	34.8	64.7	Clayey silt
1-3 (121.0)	4.2	7.2	37.5	55.2	Clayey silt
1-3 (133.0)	4.3	6.9	35.6	57.6	Clayey silt
1-3 (146.0)	4.5	4.9	34.1	61.0	Clayey silt
1-4 (140.0)	5.9	59.8	32.8	7.4	Clayey sand
1-5 (96.0)	7.0	31.9	43.9	24.2	Sandy silt
1-5 (116.0)	7.2	61.3	34.3	4.4	Clayey sand
1-5 (137.0)	7.4	32.2	58.8	9.0	Silty sand
Site 192					
1-1 (47.0)	0.5	10.5	52.1	37.4	Clay
1-1 (134.0)	1.3	5.0	50.5	44.4	Clay
2-4 (63.0)	6.1	10.3	46.3	43.4	Clay
2-4 (87.0)	6.4	1.0	87.4	11.6	Sand
3-2 (47.0)	12.0	10.1	49.1	40.8	Clay

TABLE 1 – Continued

Core, Section Interval (cm)	Depth (cm)	Sand (%)	Silt (%)	Clay (%)	Classification
4-2 (34.0)	20.8	7.7	50.7	41.6	Clay
5-2 (102.0)	30.5	6.0	46.4	47.6	Clayey silt
6-2 (37.0)	56.9	2.9	32.1	65.0	Clayey silt
8-3 (110.0)	96.1	3.0	33.1	63.8	Clayey silt
8-4 (87.0)	97.4	0.8	40.4	58.7	Clayey silt
9-3 (56.0)	124.6	1.4	34.1	64.4	Clayey silt
10-2 (36.0)	149.9	1.8	31.1	67.1	Clayey silt
11-2 (34.0)	177.8	4.0	31.4	64.6	Clayey silt
12-2 (93.0)	206.4	4.9	38.5	56.6	Clayey silt
13-2 (118.0)	234.7	6.5	36.9	56.6	Clayey silt
21-2 (86.0)	477.4	3.4	38.5	58.1	Clayey silt
23-2 (60.0)	571.1	0.9	38.1	61.0	Clayey silt
27-4 (63.0)	751.1	0.2	35.2	64.6	Clayey silt
28-1 (58.0)	784.6	0	28.9	71.1	Clayey silt
29-1 (128.0)	794.3	7.3	39.3	53.4	Clayey silt
30-2 (140.0)	851.9	0.3	37.7	62.0	Clayey silt
31-2 (38.0)	897.9	0.2	9.4	90.5	Silt
32-2 (31.0)	906.8	0	9.3	90.7	Silt
Site 193					
2-1 (48.0)	2.5	10.1	55.5	34.4	Clay
3-1 (80.0)	25.8	10.1	47.1	42.8	Clay
3-5 (87.0)	31.9	9.6	44.3	46.1	Clayey silt