

V. GRAIN SIZE DETERMINATIONS, LEG 42A¹

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TABLE 1

Sample (Interval in cm)	Depth (m)	Sand (%)	Silt (%)	Clay (%)	Classification
Site 371					
1-1, 137	1.37	1.0	25.0	73.3	Silty clay
1-3, 59	3.59	0.3	34.5	65.2	Silty clay
1-5, 54	6.54	0.5	36.7	62.8	Silty clay
1-6, 57	8.07	6.1	26.7	67.2	Silty clay
2-1, 137	200.87	1.8	40.0	58.3	Silty clay
2-2, 59	201.59	1.1	29.6	69.4	Silty clay
2-3, 59	203.09	0.9	34.8	64.3	Silty clay
3-1, 79	361.79	4.8	34.1	61.1	Silty clay
3-2, 42	362.92	2.3	45.3	52.4	Silty clay
3-3, 59	364.59	1.3	36.4	62.3	Silty clay
3-4, 59	366.09	4.9	41.9	53.1	Silty clay
3-5, 60	367.60	1.5	39.9	58.7	Silty clay
3-6, 64	369.14	1.3	36.1	62.6	Silty clay
4-3, 59	412.09	0.9	46.6	52.5	Silty clay
4-4, 52	413.52	4.8	46.0	49.3	Silty clay
4-5, 29	414.79	6.2	35.1	58.7	Silty clay
4-5, 36	414.86	26.6	33.4	40.0	Sand-silt-clay
4-6, 48	416.48	4.6	37.4	58.0	Silty clay
4-6, 88	416.88	12.3	37.1	50.6	Silty clay
5-1, 30	466.15	3.5	33.3	63.2	Silty clay
5-1, 80	466.65	39.7	23.8	36.6	Sand-silt-clay
5-2, 54	467.89	8.7	38.3	53.0	Silty clay
5-3, 59	469.44	5.7	47.3	47.1	Clayey silt
5-4, 56	470.91	28.9	23.4	47.7	Sand-silt-clay
5-5, 89	472.74	1.9	52.3	45.8	Clayey silt
5-6, 56	473.91	1.6	46.6	51.8	Silty clay
8-2, 111	548.61	12.3	41.6	46.1	Silty clay
8-3, 74	549.74	25.9	40.3	33.8	Sand-silt-clay
Site 372					
1-1, 35	112.35	16.9	32.7	50.4	Silty clay
1-2, 67	114.17	13.8	49.0	37.2	Clayey silt
1-3, 80	115.80	12.8	30.1	57.1	Silty clay
1-4, 13	116.63	0.8	38.0	61.4	Silty clay
1-4, 50	117.00	4.6	30.1	65.3	Silty clay
2-1, 136	132.36	32.1	24.9	42.9	Sand-silt-clay
2-2, 30	132.80	33.6	24.5	41.9	Sand-silt-clay
2-2, 110	133.60	1.8	38.0	60.2	Silty clay
2-3, 60	134.60	22.6	24.9	52.5	Sand-silt-clay
2-4, 31	135.81	1.3	32.9	65.8	Silty clay
3-1, 60	141.10	5.8	29.7	64.5	Silty clay
3-2, 90	142.90	21.2	26.1	52.7	Sand-silt-clay
4-1, 109	151.09	0.8	31.1	68.1	Silty clay
4-2, 62	152.12	1.6	32.4	66.0	Silty clay
9-1, 80	198.30	0.6	24.4	75.0	Silty clay
9-2, 14	199.14	1.7	28.4	69.9	Silty clay
9-2, 79	199.79	0.5	24.4	75.0	Clay
9-3, 50	201.00	2.8	27.5	69.8	Silty clay
9-4, 60	202.60	1.7	26.3	72.0	Silty clay
10-1, 140	208.40	1.4	22.0	76.5	Clay
10-2, 90	209.40	2.4	27.5	70.1	Silty clay
11-1, 110	217.60	4.8	26.8	68.4	Silty clay
11-2, 60	218.60	2.9	29.0	68.1	Silty clay
11-3, 58	220.08	5.2	17.7	77.1	Clay
12-1, 30	226.30	2.3	28.8	69.0	Silty clay
12-3, 60	229.60	4.2	24.9	70.9	Silty clay

TABLE 1 - Continued

Sample (Interval in cm)	Depth (m)	Sand (%)	Silt (%)	Clay (%)	Classification
12-4, 60	231.10	2.0	26.2	71.8	Silty clay
12-5, 70	232.70	2.5	25.9	71.6	Silty clay
13-1, 59	236.19	0.9	77.1	22.0	Silt
13-2, 60	237.70	1.5	28.3	70.2	Silty clay
13-3, 60	239.20	3.3	31.0	65.7	Silty clay
13-4, 58	240.68	3.5	31.6	65.0	Silty clay
13-5, 60	242.20	1.8	25.3	72.9	Silty clay
13-6, 60	243.70	1.9	28.0	70.1	Silty clay
14-2, 60	247.35	1.5	29.1	69.4	Silty clay
14-3, 58	248.83	1.8	31.5	66.7	Silty clay
14-4, 37	250.13	1.2	29.5	69.4	Silty clay
14-5, 60	251.85	5.4	32.8	61.8	Silty clay
15-2, 60	256.60	5.6	29.8	64.6	Silty clay
15-3, 39	257.89	1.4	32.4	66.2	Silty clay
15-4, 60	259.60	1.6	29.1	69.3	Silty clay
15-6, 58	262.58	0.7	28.4	70.9	Silty clay
16-1, 68	264.68	1.7	28.0	70.3	Silty clay
16-3, 60	267.60	1.8	31.7	66.4	Silty clay
16-6, 58	272.08	2.6	31.3	66.2	Silty clay
17-2, 61	275.61	2.8	31.7	66.0	Silty clay
17-4, 58	278.58	2.9	28.1	69.0	Silty clay
18-1, 88	283.88	1.9	28.1	70.0	Silty clay
18-2, 58	285.08	2.6	28.8	68.6	Silty clay
18-4, 60	288.10	2.1	28.9	69.0	Silty clay
19-2, 60	294.60	2.4	29.9	67.7	Silty clay
19-4, 60	297.60	1.0	30.5	68.5	Silty clay
19-6, 60	300.60	3.1	29.6	67.3	Silty clay
20-2, 60	304.60	4.2	27.8	68.5	Silty clay
20-4, 60	307.60	2.7	30.2	67.0	Silty clay
20-6, 60	310.60	2.0	30.2	67.8	Silty clay
21-2, 60	313.60	2.6	31.5	65.8	Silty clay
21-4, 70	316.70	0.8	29.8	69.4	Silty clay
21-6, 60	319.60	2.3	30.0	67.7	Silty clay
22-2, 60	323.10	1.9	27.5	70.6	Silty clay
22-4, 60	326.10	3.1	28.2	68.7	Silty clay
23-2, 60	332.60	1.3	28.6	70.1	Silty clay
23-4, 90	335.90	5.3	33.0	61.7	Silty clay
23-5, 60	337.10	4.5	27.4	68.1	Silty clay
24-3, 100	344.30	7.3	28.7	64.0	Silty clay
24-4, 60	345.40	5.6	28.3	66.1	Silty clay
24-6, 60	348.40	8.6	28.4	63.0	Silty clay
25-2, 70	352.10	5.7	30.3	64.1	Silty clay
25-4, 60	355.00	5.8	27.9	66.8	Silty clay
26-2, 60	361.10	8.7	27.2	64.1	Silty clay
26-4, 60	364.10	12.1	25.6	62.3	Silty clay
26-5, 60	365.60	10.8	20.2	69.0	Silty clay
27-2, 60	370.60	6.2	27.4	66.5	Silty clay
27-4, 60	373.60	7.9	26.6	65.6	Silty clay
27-5, 60	375.10	5.7	28.6	65.7	Silty clay
28-2, 80	380.30	6.5	27.5	66.1	Silty clay
28-4, 100	383.50	9.4	28.7	62.0	Silty clay
28-6, 100	386.50	9.6	32.0	58.3	Silty clay
29-2, 60	389.60	3.8	35.6	60.6	Silty clay
30-2, 60	399.10	15.1	35.3	49.7	Silty clay
30-4, 65	402.15	7.7	33.2	59.1	Silty clay
30-6, 60	405.10	13.7	30.2	56.2	Silty clay
31-2, 64	418.14	10.8	35.4	54.3	Silty clay
31-4, 58*	421.08	3.8	35.7	60.7	Silty clay
32-2, 50	437.40	6.3	36.4	57.3	Silty clay

¹ For details of DSDP laboratory procedures see Explanatory Notes, Chapter 1.

TABLE 2

Sample (Interval in cm)	Depth (m)	Sand (%)	Silt (%)	Clay (%)	Classification
32-4, 100	440.90	10.9	36.2	52.9	Silty clay
32-6, 63	443.53	4.3	35.8	59.9	Silty clay
33-3, 42	467.32	27.6	38.6	33.8	Sand-silt-clay
33-4, 80	469.20	4.1	33.9	61.9	Silty clay
33-6, 73	472.13	1.9	36.2	61.9	Silty clay
34-4, 43	496.93	3.7	34.0	62.4	Silty clay
35-2, 65	531.15	1.1	41.7	57.2	Silty clay
36-2, 33	570.23	4.3	46.1	49.6	Silty clay
36-6, 64	576.54	0.4	40.7	58.9	Silty clay
37-2, 44	607.94	0.4	44.0	55.5	Silty clay
37-4, 61	611.11	1.9	42.3	55.8	Silty clay
38-6, 30	652.17	0.1	51.3	48.6	Clayey silt
39-2, 38	684.28	1.6	38.8	59.5	Silty clay
Site 374					
1-1, 128	101.78	7.5	52.0	40.5	Clayey silt
1-2, 60	102.60	23.9	59.8	16.4	Sandy silt
2-1, 72	157.72	0.0	22.3	77.7	Clay
2-2, 70	159.20	0.0	25.1	74.9	Silty clay
2-3, 53	160.53	0.0	92.4	7.6	Silt
3-1, 78	208.78	0.2	30.8	69.0	Silty clay
4-2, 35	253.35	2.0	28.2	69.8	Silty clay
4-3, 40	254.90	0.0	27.5	72.4	Silty clay
4-4, 42	256.42	0.7	25.6	73.7	Silty clay
5-1, 128	298.28	3.3	78.2	18.5	Silt
5-2, 100	299.50	13.6	78.9	7.5	Silt
5-3, 19	300.19	4.2	76.3	19.5	Silt
5-4, 102	302.52	9.1	83.7	7.1	Silt
5-5, 101	304.01	8.6	84.6	6.8	Silt
6-1, 71	331.66	3.0	78.6	18.4	Silt
6-2, 64	333.09	4.7	88.1	7.3	Silt
6-3, 105	335.00	0.1	50.0	49.9	Clayey silt
6-4, 124	336.69	0.2	73.3	26.4	Clayey silt
6-5, 68	337.63	10.2	67.7	22.1	Clayey silt
6-6, 45	338.90	7.1	84.9	8.0	Silt
7-1, 83	341.23	3.7	44.2	52.1	Silty clay
7-2, 68	342.58	2.5	45.4	52.1	Silty clay
7-3, 72	344.12	3.0	37.3	59.6	Silty clay
7-4, 83	345.73	3.2	88.9	7.9	Silt
7-5, 71	347.11	3.1	38.8	58.1	Silty clay
7-6, 52	348.42	3.6	33.6	62.7	Silty clay
8-2, 68	351.68	0.0	94.8	5.1	Silt
8-3, 63	353.13	2.8	91.3	5.9	Silt
8-4, 51	354.51	0.0	95.5	4.5	Silt
9-1, 44	359.44	2.8	87.1	10.7	Silt
9-2, 41	360.91	2.2	92.1	5.7	Silt
12-2, 88	383.88	0.1	91.4	8.5	Silt
13-1, 104	388.54	0.0	92.6	7.4	Silt
13-3, 50	391.00	0.0	91.5	8.5	Silt
14-2, 45	394.45	0.0	91.9	8.0	Silt
Site 375					
4-2, 26	247.26	0.0	28.3	71.7	Silty clay
4-5, 46	251.96	0.1	36.1	63.8	Silty clay
5-1, 50	360.90	0.2	66.8	33.0	Clayey silt
5-5, 34	366.74	0.1	28.8	71.0	Silty clay
6-1, 62	461.62	0.1	18.8	81.1	Clay
6-2, 44	462.94	42.1	36.6	21.3	Sand-silt-clay

TABLE 2 - Continued

Sample (Interval in cm)	Depth (m)	Sand (%)	Silt (%)	Clay (%)	Classification
6-2, 80	463.30	63.8	29.1	7.1	Silty sand
6-2, 131	463.81	57.7	35.3	7.0	Silty sand
6-3, 98	464.98	0.0	37.0	62.9	Silty clay
6-6, 107	469.57	23.6	46.9	29.6	Sand-silt-clay
7-1, 135	566.75	0.3	38.9	60.8	Silty clay
7-3, 93	569.33	1.8	26.8	71.4	Silty clay
7-5, 68	572.08	0.0	37.6	62.4	Silty clay
8-2, 110	625.05	0.0	22.7	77.2	Clay
8-5, 21	628.66	3.3	39.2	57.5	Silty clay
9-1, 106	651.96	0.8	72.9	26.9	Clayey silt
9-3, 37	654.27	0.5	25.0	74.5	Silty clay
9-5, 49	657.39	2.9	32.9	64.2	Silty clay
Site 376					
1-1, 103	1.03	1.9	37.4	60.7	Silty clay
1-3, 52	3.52	2.6	38.3	59.1	Silty clay
1-5, 108	7.08	3.0	40.1	56.9	Silty clay
2-1, 83	8.33	2.4	35.4	62.2	Silty clay
2-4, 62	12.62	4.4	29.0	66.6	Silty clay
5-3, 42	39.42	2.6	22.7	74.7	Silty clay
7-2, 43	56.93	0.0	64.1	35.9	Clayey silt
8-1, 97	65.47	0.0	24.9	75.1	Clay
8-3, 128	68.78	55.3	33.6	11.1	Silty sand
9-1, 100	75.00	0.0	52.6	47.4	Clayey silt
9-3, 52	77.52	0.6	45.9	53.5	Silty clay
10-1, 88	84.38	3.1	66.0	30.9	Clayey silt
10-3, 112	87.62	0.4	33.7	65.9	Silty clay
11-2, 74	95.24	1.6	84.5	13.9	Silt
11-3, 26	96.26	0.0	59.2	40.7	Clayey silt
12-1, 99	103.49	0.2	34.8	65.0	Silty clay
12-3, 62	106.12	0.1	45.6	54.3	Silty clay
12-5, 72	109.22	0.5	36.0	63.4	Silty clay
13-3, 110	116.10	0.1	39.6	60.3	Silty clay
13-4, 7	116.57	39.1	38.6	22.3	Sand-silt-clay
15-2, 118	133.68	22.2	61.9	15.9	Sandy silt
15-3, 70	134.70	5.2	51.0	43.9	Clayey silt
16-1, 72	141.22	3.2	47.9	49.0	Silty clay
Site 377					
3-2, 64	259.14	0.3	53.6	46.1	Clayey silt
Hole 378					
1-2, 48	85.98	1.0	32.4	66.6	Silty clay
2-2, 54	95.54	1.1	24.9	74.0	Silty clay
2-4, 54	98.54	3.0	24.8	72.2	Silty clay
3-1, 125	104.25	1.8	28.0	70.2	Silty clay
3-2, 75	105.25	1.7	27.4	71.0	Silty clay
6-2, 66	143.16	2.2	23.4	74.4	Silty clay
7-2, 56	171.56	0.2	90.4	9.3	Silt
7-5, 56	176.06	3.1	38.1	58.8	Silty clay
8-1, 59	217.59	2.2	37.0	60.8	Silty clay
11-4, 57	312.37	2.1	32.2	65.8	Silty clay
Hole 378A					
1-4, 54	51.04	4.5	31.7	63.8	Silty clay
3-1, 49	293.84	1.9	30.7	67.4	Silty clay
3-3, 39	296.74	2.5	30.4	67.2	Silty clay