

Sample	40s reading	T(40s) (°C)	2h reading	T(2h) (°C)	silt+clay (g)	clay (g)	Sand (%)	Silt (%)	Clay (%)
23.3	28	30.5	14	30	26.78	12.6	46.44	28.36	25.2
20.4	18	30.5	13	30	16.78	11.6	66.44	10.36	23.2
A8	33	30.5	13	30	31.78	11.6	36.44	40.36	23.2
24.3	28	30.5	13	30	26.78	11.6	46.44	30.36	23.2
4.2	37	30.5	27	30	35.78	25.6	28.44	20.36	51.2
220.1	27	24	12	27	23.44	9.52	53.12	27.84	19.04
26.3	33	24	15	27	29.44	12.52	41.12	33.84	25.04
7.1	32	24	15.5	27	28.44	13.02	43.12	30.84	26.04
18	28	24	12.5	27	24.44	10.02	51.12	28.84	20.04
221.1	43	24	19.5	27	39.44	17.02	21.12	44.84	34.04
1.2	32	28	14.5	30	29.88	13.1	40.24	33.56	26.2
16.1	37	28	24	30	34.88	22.6	30.24	24.56	45.2
2.1	28	28	14	30	25.88	12.6	48.24	26.56	25.2
25.3	32.5	28	13.5	30	30.38	12.1	39.24	36.56	24.2
11.1	31.5	28	11	30	29.38	9.6	41.24	39.56	19.2
26.1	36	30.5	21	30.5	34.78	19.78	30.44	30	39.56
8.1	31	30.5	14	30.5	29.78	12.78	40.44	34	25.56
25.1	37.5	30.5	20.5	30.5	36.28	19.28	27.44	34	38.56
24.2	38	30.5	14.3	30.5	36.78	13.08	26.44	47.4	26.16
19.1	31	30.5	15	30.5	29.78	13.78	40.44	32	27.56
26.2	36	25	19.5	26	32.8	16.66	34.4	32.28	33.32
21.2	37	25	18.5	26	33.8	15.66	32.4	36.28	31.32
4.1	40.5	25	32	26	37.3	29.16	25.4	16.28	58.32
21.1	38	25	25	26	34.8	22.16	30.4	25.28	44.32
7.3	34	25	24.5	26	30.8	21.66	38.4	18.28	43.32
X2.1	29.5	25	14.5	25	26.3	11.3	47.4	30	22.6
16.3	42.5	25	30	25	39.3	26.8	21.4	25	53.6
X1	48	25	37	25	44.8	33.8	10.4	22	67.6
20.3	15.5	25	11	25	12.3	7.8	75.4	9	15.6
23.1	30	25	16.5	25	26.8	13.3	46.4	27	26.6
1.3	35	28.5	19	28	33.06	16.88	33.88	32.36	33.76
3.2	24.5	28.5	12	28	22.56	9.88	54.88	25.36	19.76
4.3	39	28.5	29	28	37.06	26.88	25.88	20.36	53.76
14.1	41.5	28.5	34	28	39.56	31.88	20.88	15.36	63.76
1.1	37	28.5	20	28	35.06	17.88	29.88	34.36	35.76
8.3	46	28.5	30	28	44.06	27.88	11.88	32.36	55.76
24.1	34.5	28.5	13	28	32.56	10.88	34.88	43.36	21.76
23.2	31.5	28.5	16.5	28	29.56	14.38	40.88	30.36	28.76
8.2	29	28.5	11	28	27.06	8.88	45.88	36.36	17.76

#### constants

Weight of Samples (g)	50
% of dispersing agent	5
Correction factor	0.36

silt+clay (g):  $\text{Reading}(40\text{s}) - \text{disp.agent}(\%) + ((T(40\text{s}) - 20^\circ\text{C}) * \text{corr. factor})$

clay (g):  $\text{Reading}(2\text{h}) - \text{disp.agent}(\%) + ((T(2\text{h}) - 20^\circ\text{C}) * \text{corr. factor})$