

Appendix E. Additional Sediment Data, showing results of dry sieving of modern, time-averaged samples, Mountain Lake.

sample Number	depth (m)	sediment description	Muncel color	% sample weight H2O	% Dry sample weight by Standard Sieve Size:					
					#10 (>2mm)	#20 (>850u)	#50 (>300u)	#100 (>150u)	#200 (>75u)	<200 (silt + clay)
1	3.00	organic silty, sandy, coarse quartz sand	5yr2/1	77.81	4.70	19.11	19.88	24.31	17.89	14.11
2	3.00	organic silty, coarse quartz sand	5yr2/1	62.37	4.10	8.30	15.85	30.94	16.79	24.02
3	3.00	silt, quartz sand with plant fragments	10yr4/2	56.48	4.54	11.53	20.79	30.25	14.37	18.34
4	3.00	quartz sand with plant fragments	10yr4/2	75.39	0.55	19.67	15.57	18.30	21.58	24.32
5	10.00	fine sand organics and plant fragments	10yr2/2	77.75	2.67	18.67	16.00	21.33	20.00	21.33
6	15.00	silty with plant fragments+ clay	10 yr2/2	84.78	0.43	29.78	21.70	15.74	12.77	18.32
7	12.00	<i>Ceratophyllum</i> plant mat only		78.13						
8	6.00	organic sand clay silt	10yr4/2	64.24	1.14	20.50	17.45	19.54	17.84	23.34
9	15.00	sandy silty with "clay" at 6cm	10yr2/2	80.01	2.56	36.86	23.07	10.90	9.94	15.38
10	21.00	consolidated silt, "clay" rich at 4cm	10yr2/2	87.05	1.14	37.50	25.00	10.42	9.90	15.06
11	23.00	consolidated silt, "clay" rich at 4cm	10yr2/2	86.82	1.94	37.38	24.76	10.68	9.22	15.53
12	12.00	consolidated silt, "clay" rich at 4cm	10yr2/2	86.02	0.10	42.90	23.19	10.63	10.14	13.04
13	12.00	silt clay-rich with plant fibers	10yr2/2	64.85	1.17	26.60	16.08	14.91	22.22	17.54
14	9.00	organic unconsolidated sand silt	5yr2/2	86.71	0.51	20.30	26.92	15.74	19.29	17.27
15	9.00	silty sand: from rock surface	5yr2/2	88.84	4.53	39.24	22.64	10.18	11.32	12.07
16	25.00	organic unconsolidated sand silt	5yr2/1	88.23	2.20	32.79	26.23	10.93	11.48	15.3
Mean values:				77.84	2.02	25.07	19.70	15.93	14.05	16.56

(Note: all dry sieve ranges contained consolidated (biological?) clay balls composed of very fine material.)