Table 7.6. Example table of the computational steps to determine CaCO3 weathering rate. Column 1 identifies the week that was leached. Week "0" is the initial flush. Weeks 1 through 14 are the actual weeks that the sample is weathered. Column 2 is the leachate volume collected. Column 3 is mg/L calcium. Column 4 is the mg calcium computed from columns 2 and 3. Column 5 is the mg calcium displayed cumulatively. Column 6 is calcium displayed as calcium carbonate. Columns 7 through 10 are the same as those described above, but for manganese. Column 11 is the sum of columns 6 and 10. Column 12 is column 11 divided by the total mass of calcium carbonate equivalent in the column, expressed in percent.

1	2	3	4	5	6	7	8	9	10	11	12
Week	VolOut mL	mg/L Ca	mg Ca	cumulative mg Ca	cumulative mg Ca as CaCO3	mg/L Mg	mg Mg	cumulative mg Mg	Cumulative mg Mg as CaCO3	Cumulative Ca + Mg as CaCO3	% CaCO3 weathered each week from 91.0 g
0	1356	99.8	135.33	135.33	338.32	57.1	91.83	91.8	377.90	716.22	0.79
1	310	270.0	83.70	219.03	547.57	148.0	54.41	146.24	601.82	1149.39	1.26
2	340	240.0	81.60	300.63	751.57	131.0	52.82	199.07	819.20	1570.77	1.73
3	295	186.0	54.87	355.50	888.75	93.3	32.64	231.71	953.53	1842.28	2.02
4	309	175.0	54.08	409.57	1023.93	82.7	30.31	262.02	1078.25	2102.19	2.31
5	270	170.0	45.90	455.47	1138.68	78.8	25.23	287.25	1182.09	2320.78	2.55
6	279	176.0	49.10	504.58	1261.44	83.7	27.70	314.95	1296.07	2557.51	2.81
7	296	147.0	43.51	548.09	1370.22	68.7	24.12	339.06	1395.32	2765.54	3.04
8	285	153.0	43.61	591.69	1479.24	68.4	23.12	362.18	1490.46	2969.70	3.26
9	285	163.0	46.46	638.15	1595.37	84.3	28.49	390.68	1607.72	3203.09	3.52
10	268	156.0	41.81	679.96	1699.89	68.6	21.80	412.48	1697.45	3397.34	3.73
11	260	142.0	36.92	716.88	1792.19	62.7	19.33	431.82	1777.01	3569.21	3.92
12	260	148.0	38.48	755.36	1888.39	59.8	18.44	450.26	1852.90	3741.29	4.11
13	274	162.0	44.39	799.75	1999.36	68.7	22.33	472.58	1944.77	3944.13	4.33
14	264	151.0	39.86	839.61	2099.02	66.4	20.79	493.37	2030.32	4129.35	4.54