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ANALYTICAL RESULTS FOR 544 WATER SAMPLES
COLLECTED IN THE ATTEAN QUARTZ MONZONITE
IN THE VICINITY OF JACKMAN, MAINE

By

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Plate 1. Sample location map	(in pocket)
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ABSTRACT

Water samples were collected in the vicinity of Jackman, Maine as a part of the study of the relationship of dissolved constituents in water to the sediments subjacent to the water. Each sample was analyzed for specific conductance, alkalinity, acidity, pH, fluoride, chloride, sulfate, phosphate, nitrate, sodium, potassium, calcium, magnesium, and silica. Trace elements determined were copper, zinc, molybdenum, lead, iron, manganese, arsenic, cobalt, nickel, and strontium. The longitude and latitude of each sample location and a sample site map are included in the report as well as a table of the analytical results.

INTRODUCTION

Water has been shown to be an effective sample medium for geochemical exploration (Miller and Ficklin, 1976; Miller, Ficklin, and Learned, 1982) in both semiarid and humid climates. The temperate humid environment around Jackman, Maine is an ideal area for further study of the role of water in the weathering cycle. Attean Quartz Monzonite is the principal rock type in the study area. Several known mineral deposits occur in the Attean Quartz Monzonite (Ridge, 1968).

Sampling was started in 1978 and continued through 1982. Five hundred forty-four water samples were collected in that time. Several locations were sampled more than once to obtain any changes that might have taken place.

SAMPLE COLLECTION AND ANALYTICAL METHODS

Each sample was collected in two portions. At the sample site, part of the water was filtered and then acidified with 0.5 mL of concentrated nitric acid for each 100 mL of filtered water. The water was filtered using a 25-mm 0.45- μ m membrane filter supplied by Millipore Corporation. A Millipore Swinnex filter holder was used to support the filter. The water was forced through the membrane using a 50-mL syringe, which attaches to the Swinnex holder. In this study, 50 mL of water was filtered. The water is filtered to remove particulate matter that may contain elements which would be dissolved upon the addition of the acid. Another untreated portion (about 250 mL) of water was collected at each location.

Alkalinity, acidity, fluoride, chloride, phosphate, nitrate, and sulfate were determined using the untreated portion of the water. The filtered acidified sample was used to determine sodium, potassium, calcium, magnesium, silica, copper, lead, zinc, molybdenum, cobalt, nickel, iron, manganese, arsenic, and strontium. Specific conductance, temperature, and sample pH were generally measured at the sample site or within a few hours after sample collection on untreated water also. The analytical methods used are listed in table 1.

RESULTS AND DISCUSSION

A sample location map is presented in plate 1. Table 2 is a list of the longitude and latitude for each sample location, sample pH and conductivity, and all of the analytical results determined for the listed constituents of each sample. Only the numeric portion of each sample identification from table 2 is posted in plate 1.

Some symbols in table 2 have been in use for only a short period and may cause confusion. The symbol " μS " is used to denote microsiemens, which is the same as the old micromhos per cm^2 used for specific conductance measurements. The letters DOC stand for dissolved organic carbon. Other symbols are very common and no misinterpretation should result.

The detection limit for some trace constituents was changed from $1.0 \mu\text{g/L}$ to $0.1 \mu\text{g/L}$. Some results for samples collected early in the sampling program appear with the larger detection limit. The detection limit was changed to accommodate some improvements in analytical conditions or to better reflect the actual concentration of the constituents at levels less than $1 \mu\text{g/L}$. The lack of precision for results below $1.0 \mu\text{g/L}$ may be greater than desired but for statistical analysis of the data the results are reported with a working detection limit of $0.1 \mu\text{g/L}$.

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Table 1.--Analytical Methods

Constituent or property	Detection limit	Method	Reference
pH	NA	Electrode	Skougstad (1979)
Specific conductance, μ S	NA	Conductivity bridge	Skougstad (1979)
Sodium	.1 mg/L	Flame Atomic Absorption	Perkin-Elmer (1976)
Potassium	.1 mg/L	---	---
Calcium	.1 mg/L	---	---
Magnesium	.05 mg/L	---	---
Alkalinity, as bicarbonate	1 mg/L	Gran's Plot Titration with H_2SO_4	Orion Research, Inc. (1973)
Acidity, as carbonic acid	1 mg/L	Titration with $NaOH$	Skougstad (1979)
Fluoride	.01 mg/L	Ion Chromatography	Fishman and Pyen (1979)
Chloride	.05 mg/L	---	---
Nitrate	.1 mg/L	---	---
Phosphate	.1 mg/L	---	---
Sulfate	.1 mg/L	---	---
Silica	1 mg/L	Flame Atomic Absorption	Perkin-Elmer (1976)
Arsenic	.1* μ g/L	Flameless Atomic Absorption	Aruscavage (1977)
Cobalt	.1* μ g/L	---	Perkin-Elmer (1977)
Copper	.1* μ g/L	---	---
Iron	1 μ g/L	---	---
Manganese	.1* μ g/L	---	---
Molybdenum	.1* μ g/L	---	---
Nickel	.1* μ g/L	---	---
Lead	.1* μ g/L	---	---
Strontium	5 μ g/L	---	---
Zinc	.5 μ g/L	---	---
Dissolved organic carbon	1 mg/L	Total Organic Carbon Analyzer	Malcolm and others (1973)

*Detection limits for elements so marked are near the sensitivity of the instrument used. For these trace constituents any value less than 1 μ g/L should be interpreted accordingly.

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine

[Leader (--) indicates no data]

Sample	Latitude	Longitude	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	Sr ug/L	HCO3 mg/L	H2CO3 mg/L	SO4 mg/L	Cl mg/L
W1151A	45 30 50	70 9 10	4.50	1.80	1.00	.28	32.90	--	--	3.80	1.300
W1151C	45 36 51	70 9 10	4.30	1.70	1.10	.40	48.00	16.86	--	4.70	.270
W1152A	45 36 52	70 8 21	2.90	1.30	.94	.29	19.40	--	--	3.20	<1.000
W1152C	45 35 52	70 3 21	3.30	1.40	1.60	.50	38.90	12.32	--	5.10	.310
W1153A	45 33 39	70 12 3	4.75	1.00	1.39	.34	19.00	--	--	2.80	<1.000
W1154A	45 33 41	70 12 2	4.30	1.20	1.41	.41	17.00	--	--	2.50	<1.000
W1155A	45 29 50	70 10 9	3.80	.80	1.27	.35	14.90	--	--	2.50	<1.000
W1155C	45 29 50	70 10 9	3.00	.70	1.30	.39	18.00	6.90	--	4.40	.440
W1155E	45 29 50	70 10 9	4.20	.90	1.50	.50	30.60	10.40	--	5.80	.630
W1156A	45 28 21	70 15 0	4.60	.75	1.32	.32	21.80	--	--	2.80	1.000
W1157A	45 27 55	70 16 18	5.50	1.25	2.06	.32	23.10	--	--	3.50	<1.000
W1158A	45 27 49	70 17 24	5.00	1.35	1.86	.37	20.20	--	--	2.80	<1.000
W1159A	45 26 1	70 17 16	7.50	1.20	1.63	.28	29.90	--	--	4.20	<1.000
W1160A	45 27 2	70 17 45	5.20	1.15	2.15	.30	24.40	--	--	4.60	<1.000
W1161A	45 27 49	70 17 48	5.00	1.10	1.66	.28	22.60	--	--	2.50	<1.000
W1162F	45 26 56	70 16 24	4.15	.75	1.52	.33	18.70	--	--	1.80	<1.000
W1163A	45 27 44	70 18 59	5.70	1.10	1.64	.30	24.60	--	--	4.10	<1.000
W1164A	45 26 2	70 19 23	5.80	1.15	1.50	.34	22.00	--	--	2.60	<1.000
W1164C	45 26 2	70 19 23	4.40	.80	1.30	.26	25.00	12.00	--	3.99	.630
W1165A	45 26 55	70 18 35	5.25	.85	1.08	.20	18.50	--	--	3.00	<1.000
W1166A	45 27 5	70 18 56	5.00	.80	1.20	.22	14.00	--	--	3.70	<1.000
W1167A	45 27 6	70 19 36	5.40	1.20	1.54	.22	13.60	--	--	4.60	<1.000
W1168A	45 27 14	70 20 11	4.37	1.05	1.83	.25	14.80	--	--	5.50	<1.000
W1169A	45 27 13	70 20 27	7.90	1.70	1.67	.26	15.50	--	--	4.00	<1.000
W1170A	45 27 43	70 21 2	5.30	.85	1.65	.27	15.60	--	--	4.40	<1.000
W1171A	45 27 44	70 21 33	2.95	.60	1.62	.32	10.20	--	--	2.80	<1.000
W1172A	45 28 0	70 22 16	3.05	.50	.98	.24	9.10	--	--	2.10	<1.000
W1173A	45 28 9	70 22 25	3.00	.45	.94	.23	9.30	--	--	3.80	<1.000
W1174A	45 28 14	70 22 57	2.60	.45	1.18	.25	9.00	--	--	3.60	<1.000
W1175A	45 28 13	70 23 0	2.30	.55	2.00	.26	10.40	--	--	2.60	<1.000
W1175C	45 28 13	70 23 0	2.95	.50	1.75	.27	16.57	12.00	--	3.00	.410
W1177A	45 28 57	70 13 5	2.70	.35	1.30	.12	19.00	5.80	--	2.24	.570
W1177C	45 28 57	70 13 5	3.50	.50	1.50	.30	25.90	10.36	--	2.30	.600
W1178A	45 28 38	70 12 50	2.40	.25	1.10	.13	16.00	3.80	--	3.71	.570
W1179A	45 29 15	70 13 55	4.60	1.00	1.80	.44	25.90	--	--	1.30	<1.000
W1180A	45 35 27	70 19 12	1.70	1.00	1.20	.30	23.90	9.00	--	4.33	.020
W1181A	45 38 44	70 21 5	31.00	5.50	.90	.30	78.50	118.00	--	7.20	1.300
W1182A	45 38 31	70 20 44	27.00	4.00	.80	.30	73.70	96.50	--	5.50	1.100
W1183A	45 37 19	70 19 20	3.40	1.10	1.06	.34	16.30	--	--	2.00	<1.000
W1164A	45 37 9	70 19 11	4.60	1.75	1.31	.46	22.50	--	--	3.80	<1.000

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	F mg/L	NO3 mg/L	SiO2 mg/L	Mn ug/L	As ug/L	Co ug/L	Cu ug/L	Mo ug/L	Ni ug/L	Pb ug/L	Zn ug/L
W1151A	.03J	.30	--	140.0	50.5	.10	3.00	.20	.60	.20	2.30
W1151C	.040	--	3.2	101.5	1.2	.60	.60	.70	.50	.60	13.00
W1152A	.050	.40	--	150.0	16.3	9.00	.40	.20	1.30	.30	3.00
W1152C	.020	--	5.4	22.0	8.5	.60	1.00	3.20	1.20	.50	4.30
W1153A	.090	.60	--	270.0	14.2	.20	.80	.70	1.70	.40	3.10
W1154A	.130	.40	--	120.0	8.3	<.10	.10	.20	3.70	.20	2.50
W1155A	.070	1.90	--	260.0	30.5	.10	.50	.10	1.80	.60	13.60
W1155C	.020	--	6.1	80.0	40.0	.69	.70	.58	65.00	.94	20.00
W1155E	.060	--	7.0	90.0	100.0	.70	1.20	.70	.40	.40	13.00
W1156A	.150	.90	--	280.0	10.9	.20	.40	.30	.70	.40	4.80
W1157A	.120	.90	--	100.0	8.5	.10	.20	.20	.50	.40	3.50
W1158A	.040	.70	--	270.0	72.0	<.10	.10	.40	.30	.30	4.30
W1159A	.04J	.10	--	38.3	5.9	.20	.20	1.00	.30	.30	3.40
W1160A	.210	<.10	--	9.0	.4	<.10	<.10	.40	2.50	.60	3.70
W1161A	.050	.70	--	290.0	17.1	.20	.10	.60	1.20	.60	3.20
W1162A	.060	.70	--	290.0	19.3	.10	.30	.60	1.30	.90	3.90
W1163A	.040	.40	--	100.0	5.8	.20	1.10	1.10	1.40	.50	3.50
W1164A	.090	.50	--	290.0	35.4	.10	30.00	.40	4.40	.80	2.90
W1164C	.115	--	7.6	190.0	20.0	.72	1.30	.55	1.00	.79	8.60
W1165A	.080	.50	--	900.0	32.5	.60	.50	.40	2.00	.40	4.90
W1166A	.060	<.10	--	34.7	3.4	.20	.20	.40	1.90	.30	1.90
W1167A	.050	<.10	--	43.5	5.6	.20	.20	.30	2.50	.80	2.20
W1168A	.020	.14	--	43.0	19.7	.20	<.10	.40	.90	.40	4.40
W1169A	.090	.71	--	110.0	6.8	.10	.10	1.00	2.30	.50	4.60
W1170A	.040	.14	--	35.1	5.3	.20	<.10	.30	.90	.40	4.00
W1171A	.060	.57	--	130.0	8.0	<.10	.40	1.20	.50	.40	4.20
W1172A	.050	.86	--	110.0	13.0	.10	.40	.30	.60	.40	3.80
W1173A	.040	.14	--	10.5	2.8	<.10	.20	.40	.70	1.10	2.70
W1174A	.050	.37	--	6.1	.7	<.10	.20	.30	1.50	.60	2.90
W1175A	.060	.37	--	100.0	5.4	<.10	.30	.50	9.70	1.20	5.40
W1175C	.060	--	12.0	30.3	4.4	.70	.82	.29	.43	.44	4.72
W1177A	.074	--	8.4	70.0	10.0	.80	.50	.64	.34	1.70	17.00
W1177C	.130	--	5.4	120.0	4.2	.70	.80	.80	.50	2.30	8.00
W1178A	.027	--	7.6	80.0	10.0	.77	.50	.50	.29	.69	6.60
W1179A	.060	1.00	--	370.0	101.0	.20	.30	1.10	1.20	.60	4.00
W1180A	.040	--	4.0	100.0	4.5	.50	.90	.40	.20	2.00	5.70
W1181A	.040	--	4.7	29.2	.4	1.00	1.20	.90	.50	.40	6.90
W1182A	.040	--	3.6	72.3	.4	1.10	1.20	1.00	.40	.30	4.10
W1183A	.110	.51	--	360.0	42.5	.20	1.00	.40	1.50	.60	5.70
W1184A	.070	<.10	--	280.0	16.6	<.10	.90	.30	2.20	.70	5.50

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Cond μ S	pH	T deg C	DOC mg/L
W1151A	44.0	6.91	13.0	--
W1151C	40.0	6.67	15.0	4
W1152A	31.0	6.50	12.0	--
W1152C	35.0	6.09	11.5	3
W1153A	36.0	6.99	16.5	--
W1154A	37.0	6.70	15.0	--
W1155A	29.0	6.00	13.0	--
W1155C	25.0	6.19	9.0	12
W1155E	39.0	6.20	13.0	7
W1156A	33.0	6.72	16.0	--
W1157A	44.0	7.00	12.0	--
W1158A	42.0	6.81	16.5	--
W1159A	49.0	7.27	15.0	--
W1160A	44.0	7.21	7.5	--
W1161A	38.0	6.93	14.5	--
W1162A	32.0	6.65	21.0	--
W1163A	44.0	6.96	19.0	--
W1164A	43.0	6.93	16.0	--
W1164C	31.0	6.99	13.0	5
W1165A	35.0	6.23	12.0	--
W1166A	36.0	6.99	13.5	--
W1167A	42.0	6.40	13.0	--
W1168A	37.0	6.68	13.0	--
W1169A	56.0	7.40	15.0	--
W1170A	38.0	7.61	11.5	--
W1171A	24.0	6.90	18.0	--
W1172A	24.0	6.54	14.5	--
W1173A	24.0	6.20	8.0	--
W1174A	22.0	6.38	10.0	--
W1175A	23.0	6.69	16.5	--
W1175C	20.8	6.96	9.0	2
W1177A	19.0	6.50	10.5	--
W1177C	27.0	6.63	16.5	7
W1178A	19.0	6.20	10.0	9
W1179A	35.0	6.40	18.0	--
W1180A	32.0	6.90	17.0	--
W1181A	205.0	7.56	8.5	5
W1182A	180.0	7.80	15.0	4
W1183A	27.0	6.70	14.0	--
W1184A	39.0	6.70	14.0	--

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Latitude	Longitude	Ca mg/L	Mg my/L	Na mg/L	K mg/L	Sr ug/L	HC03 mg/L	H2C03 mg L	S04 mg/L	Cl mg/L
W1185A	45 36 53	70 19 3	8.33	2.85	1.52	.48	41.60	--	--	1.80	<1.000
W1186A	45 36 24	70 19 19	2.75	.80	.70	.18	12.90	--	--	2.60	<1.000
W1187A	45 36 12	70 18 55	1.80	1.50	1.60	.50	26.90	16.00	--	3.33	.070
W1188A	45 36 13	70 19 5	2.80	1.30	1.20	.40	30.00	19.00	--	1.07	.150
W1189A	45 38 57	70 23 38	2.80	.90	.52	.12	7.10	--	--	1.60	<1.000
W1190A	45 38 55	70 24 29	3.00	1.10	.68	.20	8.70	--	--	3.90	<1.000
W1191A	45 38 53	70 24 37	3.75	1.50	.75	.31	13.00	--	--	4.20	<1.000
W1192A	45 38 21	70 25 8	2.25	1.10	.58	.11	10.10	--	--	4.80	<1.000
W1193A	45 38 13	70 25 23	3.60	1.35	.77	.25	11.90	--	--	2.90	<1.000
W1194A	45 37 13	70 26 38	8.90	3.20	2.74	.54	37.20	--	--	2.90	<1.000
W1195A	45 37 0	70 27 20	4.00	1.20	.85	.67	12.00	--	--	1.70	<1.000
W1196A	45 36 57	70 27 32	6.10	1.40	.90	.37	16.90	--	--	3.30	<1.000
W1197A	45 37 9	70 28 59	5.40	1.80	1.40	.20	27.60	25.00	--	2.50	.070
W1198A	45 38 24	70 29 57	3.20	1.90	.80	.30	34.50	18.00	--	2.68	.060
W1199A	45 38 32	70 29 47	2.40	1.10	.80	.20	18.80	11.00	--	3.67	.110
W1200A	45 38 48	70 29 19	2.30	1.40	.80	.20	26.50	13.00	--	3.33	.020
W1201A	45 38 49	70 28 59	2.20	1.50	.70	.20	27.90	10.00	--	3.33	.020
W1202A	45 39 49	70 25 54	1.60	1.50	.70	.50	18.60	9.00	--	3.75	.050
W1203A	45 39 1	70 27 47	2.10	.90	.60	.60	13.60	8.00	--	1.96	.120
W1204A	45 38 54	70 28 8	1.70	1.20	.70	.60	22.60	7.00	--	3.33	.020
W1205A	45 40 29	70 24 7	6.50	2.00	.70	.42	37.00	--	--	3.10	<1.000
W1206A	45 41 13	70 24 8	5.10	1.35	.63	.26	36.40	--	--	3.60	<1.000
W1207A	45 36 17	70 30 39	8.80	1.60	.84	.18	25.00	26.00	--	5.50	.710
W1208A	45 36 43	70 30 30	10.60	2.30	1.20	.35	37.20	--	--	5.80	<1.000
W1209A	45 36 50	70 30 32	6.55	1.50	.86	.36	23.00	--	--	4.70	<1.000
W1210A	45 37 37	70 31 4	7.60	1.85	1.12	.33	27.00	--	--	3.60	<1.000
W1211A	45 38 2	70 31 34	12.35	2.55	1.15	.19	36.10	--	--	3.10	<1.000
W1212A	45 38 33	70 31 42	7.00	2.00	1.18	.29	43.80	--	--	3.90	<1.000
W1213A	45 39 0	70 31 59	5.75	1.75	.88	.20	35.30	--	--	4.50	<1.000
W1214A	45 38 30	70 31 52	5.00	2.45	1.00	.27	38.70	--	--	2.40	<1.000
W1215A	45 37 55	70 31 47	4.75	1.95	1.13	.41	24.40	--	--	2.80	<1.000
W1216A	45 38 27	70 21 49	36.50	5.00	.96	.35	95.00	--	--	7.10	<1.000
W1217A	45 37 52	70 22 52	5.50	1.30	.77	.26	12.90	--	--	3.00	<1.000
W1218A	45 37 48	70 22 43	5.35	1.05	.70	.28	11.40	--	--	4.30	<1.000
W1219A	45 37 42	70 22 2	5.50	1.40	1.40	.33	19.60	--	--	3.50	<1.000
W1220A	45 37 41	70 22 6	5.85	1.00	.80	.22	16.70	--	--	3.80	<1.000
W1221A	45 37 0	70 17 53	10.90	1.45	1.28	.30	15.20	--	--	5.30	<1.000
W1222A	45 34 50	70 25 31	6.00	.95	1.42	.28	13.30	--	--	4.30	<1.000
W1223A	45 34 48	70 24 36	3.70	.85	.89	.05	16.00	--	--	.60	<1.000
W1224A	45 34 25	70 24 15	6.00	1.15	1.36	.25	20.80	--	--	4.50	<1.000

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	F mg/L	NO3 mg/L	SiO2 mg/L	Fe ug/L	Mn ug/L	As ug/L	Co ug/L	Cu ug/L	Mo ug/L	Ni ug/L	Pb ug/L	Zn ug/L
W1185A	.08U	.49	--	800.0	210.0	1.40	.50	.90	.70	3.70	.30	5.10
W1186A	.050	.71	--	55.1	21.2	.10	.10	.30	.20	.70	.20	1.80
W1187A	.060	--	8.0	300.0	200.0	.50	.40	.40	.50	.10	1.50	5.30
W1188A	.10U	.42	6.0	500.0	4.1	.80	.10	.80	.90	1.90	1.20	6.60
W1189A	.030	.86	--	1,000.0	110.0	.70	1.00	.60	.30	2.30	.80	4.50
W1190A	.090	.91	--	52.4	4.3	.30	.10	.50	.20	2.30	.80	1.30
W1191A	.030	1.03	--	420.0	36.0	.60	.30	.70	.20	4.00	.40	4.20
W1192A	.060	.46	--	260.0	22.2	.40	.10	.60	.30	3.60	.50	5.00
W1193A	.04U	.57	--	910.0	92.3	.90	.60	.70	.20	3.40	.50	4.30
W1194A	.090	.87	--	340.0	88.1	.20	.10	.60	.30	2.50	.30	.60
W1195A	.050	1.80	--	1,290.0	110.0	.80	1.10	1.30	.20	8.60	1.40	7.90
W1196A	.070	1.30	--	130.0	20.2	.40	.10	.40	.10	1.50	.40	.40
W1197A	.070	.33	2.0	100.0	12.1	.60	.10	.20	.20	.70	11.50	3.90
W1198A	.030	.50	2.0	400.0	4.8	.60	<.10	.30	.20	.90	1.00	4.40
W1199A	.020	.50	4.0	13.5	2.3	.40	.10	.30	.10	<.10	1.10	5.50
W1200A	.030	--	4.0	31.0	1.9	.40	<.10	.10	.10	.30	<1.00	5.60
W1201A	.030	--	4.0	400.0	7.8	.90	.10	.30	.20	7.30	8.00	5.70
W1202A	.020	.16	4.0	100.0	4.0	.50	.20	.40	.30	3.00	1.10	5.10
W1203A	.050	.42	4.0	300.0	21.4	.80	.10	.50	.20	2.80	6.30	7.90
W1204A	.030	--	4.0	100.0	4.0	.70	.10	<.10	.20	1.80	2.50	6.20
W1205A	.070	2.90	--	470.0	75.6	.30	.20	.40	.10	2.30	.80	3.20
W1206A	.070	1.00	--	250.0	13.0	.50	.10	.40	.10	1.50	.30	.60
W1207A	<.010	--	5.3	30.0	30.0	.70	.12	.60	.55	1.40	.67	16.00
W1208A	.110	1.00	--	24.1	3.9	.50	.10	.60	.10	1.40	.60	2.30
W1209A	.100	1.10	--	130.0	82.0	.50	.20	.20	.10	1.80	<.10	3.90
W1210A	.030	.67	--	37.4	10.0	.10	.10	.20	<.10	1.30	<.10	2.90
W1211A	.030	.23	--	54.0	12.0	.40	.10	.80	.10	1.00	.10	2.30
W1212A	.030	1.30	--	21.8	2.2	.30	<.10	.30	<.10	.80	<.10	2.30
W1213A	.010	2.30	--	14.1	2.0	.30	.10	.30	.10	.60	.10	5.20
W1214A	.020	1.90	--	100.0	1.5	.30	<.10	.50	.20	1.10	.10	2.90
W1215A	.040	.83	--	47.1	3.6	.30	.10	.20	1.70	1.10	.10	.60
W1216A	.030	.17	--	140.0	37.5	.30	.20	2.70	.80	1.10	.20	7.30
W1217A	.030	1.32	--	130.0	36.5	.50	.10	.20	.60	1.80	.30	2.20
W1218A	.020	.59	--	150.0	50.7	.20	.30	.40	.20	1.60	.20	3.30
W1219A	.030	.38	--	41.3	6.8	.60	.10	.50	.20	.80	.20	6.30
W1220A	<.010	<.10	--	14.3	.3	.20	.10	.40	1.00	.60	.10	.80
W1221A	.060	.15	--	11.0	2.8	.50	.10	.90	1.00	.70	.30	1.50
W1222A	.040	.88	--	110.0	19.3	.10	.10	1.40	1.10	.60	.10	5.10
W1223A	.080	.29	--	920.0	26.5	1.30	.40	.10	.20	2.50	1.20	9.00
W1224A	.450	.74	--	160.0	20.6	.50	.10	.10	.30	1.00	.30	.60

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Cono uS	pH	T deg C	DOC mg/L
W1185A	68.0	6.81	18.0	--
W1186A	21.0	6.60	22.0	--
W1187A	37.0	6.50	12.5	--
W1188A	35.0	7.26	18.0	--
W1189A	19.0	5.70	19.0	--
W1190A	24.0	6.90	15.5	--
W1191A	28.0	6.60	16.0	--
W1192A	21.0	5.75	15.0	--
W1193A	25.0	6.30	18.0	--
W1194A	88.0	7.21	16.5	--
W1195A	25.0	6.30	16.0	--
W1196A	40.0	7.30	20.0	--
W1197A	48.0	7.47	19.0	--
W1198A	38.0	7.29	16.0	--
W1199A	34.0	6.60	14.0	--
W1200A	34.0	6.99	15.0	--
W1201A	24.0	6.92	17.0	--
W1202A	30.0	7.02	14.5	--
W1203A	25.0	6.71	16.0	--
W1204A	21.0	6.72	14.5	--
W1205A	43.0	7.08	16.5	--
W1206A	34.0	7.13	17.0	--
W1207A	52.0	6.69	9.0	6
W1208A	62.0	7.30	12.0	--
W1209A	50.0	6.61	13.0	--
W1210A	58.0	6.83	13.5	--
W1211A	89.0	7.60	13.0	--
W1212A	56.0	7.31	14.5	--
W1213A	48.0	6.40	13.0	--
W1214A	49.0	7.11	14.0	--
W1215A	44.0	7.30	16.5	--
W1216A	220.0	7.50	12.0	--
W1217A	41.0	6.70	16.0	--
W1218A	37.0	6.60	13.0	--
W1219A	42.0	7.10	10.0	--
W1220A	36.0	6.58	13.5	--
W1221A	63.0	7.40	10.5	--
W1222A	42.0	7.00	10.5	--
W1223A	21.0	5.70	15.0	--
W1224A	42.0	6.73	11.5	--

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Latitude	Longitude	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	Sr ug/L	HCO ₃ mg/L	H ₂ CO ₃ mg/L	SO ₄ mg/L	Cl mg/L
W1225A	45 34 15	70 23 4	9.30	1.30	1.40	.36	23.30	--	--	4.80	<1.000
W1226A	45 39 44	70 24 18	6.95	1.75	.64	.28	15.30	--	--	4.50	<1.000
W1227A	45 34 34	70 17 54	6.30	1.60	1.24	.21	26.10	--	--	5.90	<1.000
W1228A	45 34 33	70 16 30	7.30	1.20	1.40	.33	24.50	--	--	5.10	<1.000
W1229A	45 34 34	70 19 55	5.35	.80	1.39	.32	18.70	--	--	5.60	<1.000
W1230A	45 34 37	70 20 52	7.25	1.40	1.87	.37	20.00	--	--	4.90	<1.000
W1231A	45 34 25	70 20 59	7.30	1.85	1.94	.42	27.90	--	--	4.20	<1.000
W1232A	45 34 18	70 20 38	6.05	1.50	1.92	.23	21.50	--	--	5.50	<1.000
W1233A	45 34 21	70 20 57	4.35	1.15	1.30	.33	16.30	--	--	5.60	<1.000
W1234A	45 34 7	70 19 42	3.90	1.05	.93	.29	28.30	--	--	6.40	<1.000
W1235A	45 35 45	70 25 9	6.65	1.80	.86	.29	26.20	--	--	2.80	<1.000
W1236A	45 35 20	70 24 4	10.35	1.70	1.05	.24	29.50	--	--	2.80	<1.000
W1237A	45 40 18	70 23 38	8.75	.80	.77	.32	46.70	--	--	2.80	<1.000
W1238A	45 40 33	70 24 4	8.15	1.95	.83	.26	53.50	--	--	4.56	.230
W1239A	45 37 47	70 26 27	1.90	.90	.52	.42	13.00	--	--	2.66	.320
W1240A	45 38 19	70 28 53	4.00	1.45	1.16	.36	23.40	--	--	1.14	.280
W1241A	45 35 47	70 8 32	2.80	1.35	.85	.14	26.10	--	--	4.60	1.040
W1242A	45 35 43	70 8 34	5.70	1.60	3.30	.24	30.70	--	--	3.80	5.070
W1243A	45 38 35	70 27 32	1.85	.95	.70	.27	13.30	--	--	1.71	.800
W1244A	45 38 56	70 26 25	4.95	1.40	1.16	.27	23.90	--	--	4.26	.700
W1245A	45 40 5	70 26 51	4.15	1.45	.75	.18	20.50	--	--	5.59	.120
W1246A	45 40 20	70 26 12	3.45	2.05	1.03	.30	26.30	--	--	7.61	.390
W1247A	45 40 34	70 26 5	3.00	1.40	.63	.24	30.40	--	--	4.87	.100
W1248A	45 39 54	70 27 41	3.50	1.55	.82	.48	25.70	--	--	1.14	.080
W1249A	45 40 22	70 28 24	4.05	1.25	.61	.25	37.90	--	--	1.94	.070
W1250A	45 40 49	70 28 4	6.80	1.45	.73	.36	39.10	--	--	3.35	.200
W1251A	45 35 22	70 16 10	4.85	1.85	1.01	.31	25.20	--	--	.95	.170
W1252A	45 35 20	70 16 37	3.95	1.35	1.25	.44	27.90	--	--	1.60	.120
W1253A	45 35 12	70 17 6	5.95	1.20	1.14	.44	25.60	--	--	2.12	.160
W1254A	45 35 23	70 16 6	4.25	1.00	1.00	.28	22.90	--	--	1.33	.160
W1255A	45 35 24	70 15 5	4.90	1.15	2.13	.23	23.70	--	--	.95	2.100
W1264A	45 37 54	70 21 18	2.10	1.20	1.60	.70	23.10	16.00	--	3.33	.012
W1265A	45 37 53	70 20 48	.95	.60	.80	.40	19.60	3.00	--	3.67	.020
W1266A	45 37 46	70 20 24	1.80	.70	.80	.40	25.40	9.00	--	3.00	.030
W1267A	45 37 33	70 28 57	1.00	3.80	2.80	.30	83.00	86.00	--	6.62	.410
W1268A	45 31 12	70 11 44	5.15	.90	1.06	.36	25.00	--	--	6.80	<.010
W1269A	45 31 24	70 12 25	4.75	1.10	1.50	.29	26.00	--	--	6.96	<.010
W1270A	45 32 45	70 10 25	4.05	.90	1.20	.59	23.00	--	--	3.48	<.010
W1271A	45 30 50	70 11 31	4.95	.75	1.68	.35	28.00	--	--	4.80	<.010
W1272A	45 30 38	70 11 36	5.05	.90	1.59	.38	21.75	9.60	--	5.10	.970

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	F mg/L	NO3 mg/L	SiO2 mg/L	Fe µg/L	Mn µg/L	As µg/L	Co µg/L	Cu µg/L	Mo µg/L	Ni µg/L	Pb µg/L	Zn µg/L
W1225A	.040	1.88	--	40.2	1.8	.80	.10	.60	.40	1.00	.20	<.10
W1226A	.030	.63	--	53.9	10.3	.10	.10	.50	.70	2.20	.30	1.10
W1227A	.060	.31	--	130.0	13.3	.50	.10	.90	1.20	1.00	.20	<.10
W1228A	.090	.31	--	48.7	5.1	.30	.10	.80	1.00	1.30	.40	<.10
W1229A	.040	<.10	--	19.6	1.1	.40	.10	1.60	2.20	1.60	.10	1.50
W1230A	.050	.63	--	120.0	7.7	.50	.20	.40	1.20	1.50	.40	<.10
W1231A	.050	.94	--	260.0	43.5	.40	.30	.40	1.00	1.30	<.10	<.10
W1232A	.050	.94	--	25.3	.8	.70	.20	.20	.90	1.00	.10	<.10
W1233A	.030	1.88	--	29.0	3.4	.40	.20	.30	.60	1.00	.30	.20
W1234A	.040	.31	--	120.0	10.5	.20	.10	.60	.30	1.70	.30	.30
W1235A	.040	2.03	--	350.0	41.5	.50	.10	.60	.30	3.10	.40	1.10
W1236A	.020	.94	--	330.0	300.0	.30	.50	.60	.30	2.00	.90	<.10
W1237A	.030	1.09	--	710.0	39.4	.50	<.10	.30	.30	1.40	1.40	.20
W1238A	.030	.60	--	100.0	7.1	<1.00	.10	1.10	<1.00	.10	.20	3.80
W1239A	.030	.60	--	930.0	240.0	<1.00	2.00	1.50	<1.00	5.40	.90	12.80
W1240A	.080	1.10	--	1,600.0	110.0	1.90	.90	1.10	<1.00	4.60	.50	10.70
W1241A	.260	.60	--	120.0	16.6	<1.00	.10	<1.00	<1.00	.80	.40	8.70
W1242A	.040	.30	--	220.0	5.6	<1.00	<.10	<1.00	<1.00	<.10	.60	4.80
W1243A	.040	.80	--	1,740.0	120.0	<1.00	1.00	1.00	<1.00	2.50	2.60	16.20
W1244A	.060	2.20	--	930.0	54.1	1.00	.20	<1.00	<1.00	.80	.40	7.60
W1245A	.030	.30	--	43.3	13.0	<1.00	.10	<1.00	<1.00	1.60	.20	9.40
W1246A	.050	1.00	--	660.0	130.0	<1.00	.80	<1.00	<1.00	2.20	.30	9.50
W1247A	.010	.90	--	43.7	2.9	<1.00	<.10	<1.00	<1.00	.40	.80	6.00
W1248A	.030	1.00	--	720.0	300.0	1.10	.80	<1.00	<1.00	.60	1.20	7.30
W1249A	.020	.90	--	280.0	13.5	<1.00	.20	<1.00	<1.00	.10	1.10	4.40
W1250A	.020	1.10	--	280.0	20.4	<1.00	.20	<1.00	<1.00	.80	.40	3.80
W1251A	.060	.20	--	130.0	42.6	<1.00	.20	<1.00	<1.00	.10	.60	5.80
W1252A	.030	.50	--	190.0	130.0	<1.00	.20	<1.00	<1.00	<.10	.60	4.50
W1253A	.050	.30	--	330.0	16.0	<1.00	.20	<1.00	<1.00	<.10	.70	4.60
W1254A	.040	1.20	--	230.0	100.0	<1.00	.20	<1.00	<1.00	1.40	.60	4.50
W1255A	.060	.40	--	570.0	16.2	<1.00	.10	<1.00	<1.00	.10	.70	7.70
W1264A	.060	--	10.0	26.5	<1.0	.50	.20	<.10	.20	20.40	<1.00	4.50
W1265A	.040	--	4.0	200.0	100.0	.60	.30	.40	.10	.60	2.40	7.20
W1266A	.030	.14	6.0	24.0	41.5	.40	.10	.50	.20	<.10	<1.00	5.60
W1267A	<.010	7.50	14.0	16.5	<1.0	.40	.20	1.10	.30	2.70	7.00	3.70
W1268A	.020	<.03	--	40.6	7.3	<1.00	.10	11.00	<1.00	1.60	<.10	6.30
W1269A	.020	<.03	--	110.0	7.2	<1.00	.10	4.20	<1.00	1.60	.30	2.90
W1270A	.040	--	--	140.0	11.0	<1.00	.10	3.90	<1.00	1.70	.30	3.10
W1271A	.030	.88	--	36.3	11.1	<1.00	.20	<1.00	<1.00	2.20	.40	2.10
W1272A	.050	--	7.9	270.0	18.4	.70	.29	1.13	.71	.76	.22	4.76

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Cond μ S	pH	T deg C	DOC mg/L
W1225A	57.0	7.30	8.0	--
W1226A	44.0	6.99	13.0	--
W1227A	44.0	6.70	14.0	--
W1228A	45.0	7.03	13.0	--
W1229A	36.0	7.15	13.0	--
W1230A	46.0	7.49	15.0	--
W1231A	53.0	7.21	15.5	--
W1232A	46.0	7.48	11.0	--
W1233A	36.0	6.80	13.0	--
W1234A	28.0	6.41	13.5	--
W1235A	37.0	6.50	21.0	--
W1236A	60.0	6.63	13.5	--
W1237A	56.0	7.58	18.0	--
W1238A	51.0	7.39	16.5	--
W1239A	21.0	5.01	15.0	--
W1240A	29.0	6.41	15.0	--
W1241A	28.0	6.20	13.5	--
W1242A	49.0	7.25	16.5	--
W1243A	28.0	4.43	16.0	--
W1244A	30.0	6.40	14.0	--
W1245A	52.0	6.30	14.0	--
W1246A	35.0	5.99	18.0	--
W1247A	27.0	6.70	16.5	--
W1248A	28.0	6.54	22.0	--
W1249A	27.0	6.99	21.5	--
W1250A	41.0	7.38	19.0	--
W1251A	29.0	5.44	15.0	--
W1252A	27.0	6.67	14.5	--
W1253A	36.0	7.30	17.0	--
W1254A	24.0	5.67	15.0	--
W1255A	27.0	6.87	20.5	--
W1264A	41.0	6.53	6.0	--
W1265A	20.0	6.09	20.0	--
W1266A	31.0	6.20	15.0	--
W1267A	145.0	7.30	6.0	--
W1268A	37.0	6.62	13.0	--
W1269A	40.0	6.96	12.0	--
W1270A	32.0	5.76	14.0	--
W1271A	26.0	6.95	10.0	--
W1272A	37.2	6.68	4.5	10

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Latitude	Longitude	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	Sr ug/L	HCO ₃ mg/L	H ₂ CO ₃ mg/L	SO ₄ mg/L	Cl mg/L
W1273A	45 53 21	70 12 48	1.63	.80	1.00	.20	19.40	6.00	--	3.69	.350
W1274A	45 53 3	70 12 53	4.10	.75	.94	.27	20.00	--	--	3.68	3.780
W1275A	45 31 30	70 13 39	12.80	1.00	1.93	.50	131.00	--	--	19.00	1.340
W1276A	45 31 41	70 13 43	6.67	.70	1.58	.52	38.30	--	--	12.20	.460
W1277A	45 38 6	70 22 43	1.50	1.00	.70	.10	15.30	7.00	--	2.83	.070
W1278A	45 33 58	70 9 4	1.50	.80	1.10	.20	25.70	7.00	--	4.33	.020
W1279A	45 39 17	70 24 49	5.30	1.30	.71	.33	27.50	--	--	3.60	.480
W1280A	45 59 14	70 24 31	5.60	1.60	.85	.31	35.10	--	--	2.66	.340
W1281A	45 33 21	70 22 57	5.05	1.15	.72	.17	17.20	--	--	2.13	.350
W1282A	45 33 40	70 23 11	3.95	1.00	.64	.22	15.80	--	--	3.56	.300
W1283A	45 58 47	70 23 16	5.05	1.35	.77	.20	20.00	--	--	.98	.430
W1284A	45 38 51	70 23 17	3.45	1.15	.66	.08	16.60	--	--	.86	.490
W1285A	45 36 11	70 16 31	5.20	.75	.93	.39	24.80	--	--	3.27	.550
W1286A	45 35 52	70 15 48	4.25	1.10	1.10	.35	25.40	--	--	4.66	.230
W1287A	45 34 25	70 15 53	3.55	1.25	1.00	.35	23.50	--	--	1.43	.080
W1288A	45 33 31	70 14 48	3.85	1.00	1.26	.23	21.00	--	--	4.30	.160
W1289A	45 33 4	70 15 56	4.15	1.10	1.16	.24	23.80	--	--	.86	.320
W1290A	45 33 25	70 16 30	2.95	.95	1.34	.34	20.30	--	--	4.01	.460
W1291A	45 33 36	70 16 50	4.60	1.20	2.15	.46	27.60	--	--	5.44	.390
W1292A	45 33 54	70 19 13	3.95	1.15	1.10	.27	28.20	--	--	5.36	.410
W1293A	45 33 40	70 18 58	4.65	1.30	1.69	.52	40.10	--	--	7.04	.420
W1294A	45 33 41	70 18 30	4.20	1.35	1.43	.34	31.10	--	--	3.48	.410
W1295A	45 39 52	70 21 20	6.80	2.45	.58	.04	32.40	--	--	3.27	.060
W1296A	45 40 13	70 23 33	19.95	3.15	.66	.37	38.90	--	--	4.09	.300
W1297A	45 36 41	70 25 59	7.25	2.65	2.04	.55	34.50	--	--	1.65	.650
W1297C	45 36 41	70 25 59	6.50	2.10	1.16	.81	28.05	23.00	--	3.50	.730
W1298A	45 36 30	70 24 43	3.05	1.10	.70	.18	16.50	--	--	1.65	.600
W1298C	45 36 30	70 24 43	4.20	1.25	.61	.34	16.37	6.00	--	2.80	.770
W1299A	45 36 32	70 25 22	6.10	2.05	1.24	1.23	27.10	--	--	.82	.750
W1300A	45 27 50	70 16 47	5.10	1.55	2.40	.29	28.30	--	--	3.29	.370
W1301A	45 27 14	70 17 50	5.50	1.25	2.12	.30	29.50	--	--	5.35	.530
W1301C	45 27 14	70 17 50	4.80	.95	1.80	.28	31.00	16.00	--	5.23	.560
W1302A	45 26 25	70 17 25	6.90	1.40	2.06	.29	34.90	--	--	4.32	.890
W1303A	45 27 29	70 17 43	5.85	1.50	2.55	.34	30.40	--	--	4.32	.530
W1304A	45 26 16	70 23 37	1.90	.60	1.64	.17	14.50	--	--	2.26	1.410
W1304C	45 26 16	70 23 37	1.95	.50	1.51	.09	8.83	9.20	--	1.90	.550
W1305A	45 36 27	70 20 56	6.25	1.25	.90	.29	32.30	--	--	3.21	.820
W1306A	45 36 31	70 20 31	5.50	.95	.68	.46	29.50	--	--	3.17	.400
W1307A	45 36 31	70 20 23	4.25	.70	.80	.39	22.00	--	--	1.77	.370
W1308A	45 35 42	70 7 14	3.10	1.05	3.63	.29	20.60	--	--	3.17	6.910

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	F mg/L	NO3 mg/L	SiO2 mg/L	Fe ug/L	Mn ug/L	As ug/L	Co ug/L	Cu ug/L	Mo ug/L	Ni ug/L	Pb ug/L	Zn ug/L
W1273A	<.010	2.25	6.0	1,000.0	200.0	.80	.80	6.70	1.70	5.20	8.50	10.30
W1274A	.660	<.03	--	110.0	13.6	<1.00	<1.00	8.60	1.80	2.40	.40	5.00
W1275A	.250	<.03	--	6.2	.8	<1.00	.20	46.00	52.00	1.50	<.10	16.00
W1276A	.070	<.03	--	32.0	2.1	<1.00	.10	83.00	23.00	1.80	<.10	18.00
W1277A	.010	.57	6.0	200.0	15.5	.50	.10	.20	.10	1.00	4.50	7.50
W1278A	.040	--	8.0	20.5	<1.0	.20	.10	.10	.10	.30	4.30	7.70
W1279A	.040	.40	--	100.0	41.6	<1.00	.20	<1.00	<1.00	<.10	.40	8.50
W1280A	.040	.50	--	370.0	51.5	<1.00	.10	<1.00	<1.00	1.00	.70	7.00
W1281A	.030	.60	--	390.0	51.0	<1.00	.10	<1.00	<1.00	.30	.40	9.50
W1282A	.030	.50	--	210.0	51.3	<1.00	.20	<1.00	<1.00	<.10	.10	7.90
W1283A	.090	.70	--	1,080.0	850.0	1.80	1.10	<1.00	<1.00	.90	.50	15.50
W1284A	.040	.50	--	900.0	47.2	1.60	.20	<1.00	<1.00	.50	2.30	13.30
W1285A	.120	.30	--	120.0	8.0	<1.00	<.10	<1.00	<1.00	<.10	<.10	10.60
W1286A	.030	.20	--	6.7	11.6	<1.00	1.00	<1.00	<1.00	<.10	.30	8.00
W1287A	.050	.40	--	620.0	330.0	<1.00	1.00	<1.00	<1.00	.30	.30	17.00
W1288A	.040	.40	--	380.0	28.9	<1.00	.10	5.30	<1.00	<.10	.50	14.10
W1289A	.080	.30	--	910.0	150.0	<1.00	.60	<1.00	<1.00	1.10	1.10	13.80
W1290A	.070	<.10	--	760.0	88.0	<1.00	.30	<1.00	<1.00	.70	.80	12.70
W1291A	.060	<.10	--	230.0	17.6	<1.00	.10	<1.00	<1.00	<.10	.50	11.00
W1292A	.030	.50	--	10.6	2.0	<1.00	<.10	<1.00	<1.00	<.10	.50	6.30
W1293A	.060	<.10	--	130.0	11.0	<1.00	<.10	<1.00	<1.00	<.10	.80	5.90
W1294A	.030	.30	--	420.0	29.1	<1.00	<.10	<1.00	<1.00	.10	.60	7.40
W1295A	.030	.30	--	250.0	19.3	<1.00	.10	<1.00	<1.00	.40	.30	7.80
W1296A	.040	.20	--	26.7	15.5	<1.00	<.10	<1.00	<1.00	<.10	<.10	5.90
W1297A	.070	1.70	--	390.0	140.0	<1.00	.10	<1.00	<1.00	.60	.60	90.80
W1297C	.070	--	4.6	190.0	48.0	.93	.18	1.65	.31	2.35	.21	7.87
W1298A	.080	.50	--	710.0	21.1	<1.00	.20	<1.00	<1.00	1.60	.60	13.60
W1298C	.050	--	6.8	630.0	31.8	1.18	.57	.69	.88	2.55	1.14	11.05
W1299A	.070	1.40	--	1,220.0	510.0	2.20	1.40	<1.00	<1.00	.90	.60	9.20
W1300A	.030	.40	--	48.0	10.1	<1.00	<.10	<1.00	<1.00	1.60	.40	5.30
W1301A	.040	.40	--	100.0	1.2	1.10	<.10	<1.00	<1.00	3.30	.10	4.90
W1301C	.092	--	12.0	20.0	30.0	.72	.12	.30	.48	.22	.24	7.00
W1302A	.090	.90	--	60.5	35.6	<1.00	<.10	<1.00	<1.00	2.70	.30	5.70
W1303A	.050	<.10	--	23.8	2.0	1.30	<.10	<1.00	<1.00	.50	.60	4.10
W1304A	.240	.50	--	170.0	11.7	1.00	<.10	<1.00	<1.00	1.00	.50	6.10
W1304C	.050	--	5.5	36.8	8.0	.63	.15	.15	.28	.26	.29	10.58
W1305A	.110	.40	--	150.0	12.5	<1.00	.20	<1.00	<1.00	1.00	.20	5.50
W1306A	.040	.30	--	30.9	4.2	<1.00	<.10	<1.00	<1.00	.80	.30	4.70
W1307A	.030	.30	--	130.0	7.5	1.00	<.10	<1.00	<1.00	2.50	.10	5.80
W1308A	.050	.40	--	100.0	1.6	<1.00	<.10	<1.00	<1.00	.60	.20	7.20

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Cond uS	pH	T deg C	DOC mg/L
W1273A	30.0	5.68	11.5	--
W1274A	29.0	6.27	11.0	--
W1275A	97.0	6.33	6.0	--
W1276A	48.0	6.58	11.5	--
W1277A	30.0	6.41	11.5	--
W1278A	33.0	6.69	8.0	--
W1279A	40.0	6.67	19.5	--
W1280A	43.0	7.21	19.5	--
W1281A	37.0	6.50	13.5	--
W1282A	32.0	6.50	13.5	--
W1283A	38.0	6.23	14.0	--
W1284A	23.0	5.76	14.5	--
W1285A	36.0	6.51	15.0	--
W1286A	35.0	6.60	12.5	--
W1287A	32.0	6.00	16.0	--
W1288A	29.0	6.37	15.0	--
W1289A	27.0	5.84	19.0	--
W1290A	28.0	5.11	15.0	--
W1291A	41.0	6.70	13.0	--
W1292A	38.0	5.95	6.0	--
W1293A	43.0	6.80	11.5	--
W1294A	34.0	6.46	14.5	--
W1295A	46.0	6.96	21.5	--
W1296A	135.0	6.80	11.0	--
W1297A	93.0	6.70	15.0	--
W1297C	36.0	6.98	11.0	11
W1298A	24.0	5.50	18.0	--
W1298C	22.3	5.90	11.0	21
W1299A	48.0	6.40	20.5	--
W1300A	46.0	7.03	14.0	--
W1301A	45.0	7.11	10.5	--
W1301C	37.0	7.01	8.0	7
W1302A	52.0	6.71	15.0	--
W1303A	50.0	7.41	10.0	--
W1304A	21.0	6.27	15.0	--
W1304C	18.1	6.74	10.0	3
W1305A	40.0	6.84	20.5	--
W1306A	37.0	7.20	17.0	--
W1307A	28.0	6.50	13.0	--
W1308A	48.0	6.30	15.0	--

Table 2.---Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine---continued

Sample	Latitude	Longitude	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	Sr ug/L	HCO3 mg/L	H2CO3 mg/L	SO4 mg/L	Cl mg/L
W1310A	45 34 33	70 11 57	9.50	2.40	6.40	.59	38.00	--	--	2.26	27.300
W1311A	45 34 41	70 11 59	5.00	1.25	2.72	.41	27.10	--	--	8.38	7.210
W1312A	45 35 15	70 31 37	.20	.15	.03	.14	10.80	--	--	3.02	3.130
W1313A	45 35 12	70 13 20	7.00	1.60	1.34	.40	30.90	--	--	1.68	.260
W1314A	45 35 38	70 13 25	6.85	1.20	1.13	.47	28.10	--	--	4.40	.300
W1315A	45 35 41	70 13 32	6.65	1.20	1.14	.38	29.70	--	--	3.69	.320
W1316A	45 35 14	70 13 9	8.40	2.25	1.24	.20	35.50	--	--	.42	.230
W1331A	45 33 24	70 8 54	4.50	.90	2.50	.70	25.00	14.00	--	1.00	3.700
W1331C	45 33 24	70 8 54	3.40	.70	2.70	.61	19.00	6.10	--	2.87	4.900
W1331E	45 33 24	70 8 54	4.70	1.20	3.30	.80	29.60	14.23	--	2.40	4.700
W1331G	45 33 24	70 8 54	4.25	.95	2.88	.72	19.60	9.10	--	2.50	5.800
W1331I	45 33 24	70 8 54	.10	3.50	.10	1.40	100.00	11.00	--	.70	1.000
W1331K	45 33 24	70 8 54	.70	3.30	.20	.40	46.00	6.40	3.3494	.46	.900
W1331M	45 33 24	70 8 54	4.80	1.00	3.70	.42	24.00	12.00	4.2000	3.70	4.300
W1332A	45 33 21	70 8 56	5.00	1.00	1.60	.40	28.00	17.00	--	4.80	.800
W1332C	45 33 21	70 8 56	4.60	.95	1.40	.39	29.00	13.00	--	5.02	1.100
W1332E	45 33 21	70 8 56	6.40	1.30	1.70	.40	35.20	20.45	--	5.90	.470
W1332G	45 33 21	70 8 56	6.20	1.30	1.58	.46	30.05	18.00	--	5.90	.970
W1332I	45 33 21	70 8 56	.10	5.00	.10	.60	6.60	2.00	--	.50	1.000
W1332K	45 33 21	70 8 56	.80	4.20	.10	.10	2.00	2.50	--	.33	1.000
W1332W	45 33 21	70 8 56	6.30	1.40	1.70	.38	31.00	21.00	6.4000	5.50	.400
W1341A	45 25 17	70 17 59	7.00	1.10	1.40	.26	19.90	--	--	8.47	.520
W1341C	45 25 17	70 17 59	6.90	1.20	1.60	.30	25.10	18.00	--	8.00	.500
W1342A	45 24 40	70 17 12	10.45	1.45	1.66	.39	32.70	--	--	2.26	.330
W1343A	45 24 3	70 17 25	8.95	1.35	1.72	.28	34.60	--	--	3.56	.360
W1344A	45 36 4	70 30 19	8.90	1.50	1.00	.66	25.00	33.00	--	3.77	.460
W1340A	45 35 47	70 30 50	7.40	1.90	1.00	.49	41.00	30.00	--	<.10	.620
W1347A	45 33 11	70 34 4	7.10	1.70	1.30	.30	59.00	26.00	--	4.55	.260
W1348A	45 38 7	70 34 10	6.90	1.80	1.20	.35	63.00	28.00	--	<.10	.470
W1349A	45 37 21	70 33 28	6.90	2.00	1.20	.39	58.00	27.00	--	3.91	.230
W1349C	45 37 21	70 33 23	9.80	2.80	1.80	.40	71.10	39.57	--	4.90	.300
W1350A	45 27 9	70 14 57	4.00	.80	1.60	.25	31.00	10.90	--	5.10	.360
W1351A	45 29 3	70 13 6	3.20	.55	1.00	.37	20.00	18.30	--	3.50	1.070
W1351C	45 29 3	70 13 6	3.80	.70	1.20	.40	21.90	9.19	--	3.30	.380
W1352A	45 29 1	70 13 15	3.00	.80	1.20	.50	21.30	10.70	--	3.00	.400
W1353A	45 27 51	70 14 38	3.00	.35	1.10	.13	21.00	6.60	--	3.90	.340
W1354A	45 27 51	70 14 46	3.90	.55	1.40	.31	27.00	9.10	--	5.20	2.100
W1355A	45 28 51	70 14 10	3.20	.50	1.60	.47	26.00	7.60	--	4.80	.430
W1356A	45 29 48	70 14 8	2.20	.55	1.20	.34	20.00	7.80	--	2.70	.560
W1357A	45 29 50	70 13 56	3.10	.65	1.60	.32	26.00	10.40	--	3.70	.660

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	F mg/L	NO3 mg/L	SiO2 mg/L	Mn ug/L	As ug/L	Co ug/L	Cu ug/L	Mo ug/L	Ni ug/L	Pb ug/L	Zn ug/L
W1310A	<.010	.30	--	250.0	48.7	1.10	.20	<1.00	.70	<.10	5.50
W1311A	.210	.50	--	120.0	34.6	<1.00	.10	<1.00	.40	.10	6.40
W1312A	.320	.40	--	37.5	41.6	1.50	.10	<1.00	.10	.40	13.30
W1313A	.050	.30	--	520.0	42.9	1.00	.10	<1.00	.50	.30	6.30
W1314A	.030	.10	--	190.0	9.9	<1.00	.10	<1.00	.30	.40	5.00
W1315A	.040	.40	--	28.2	6.3	<1.00	.10	<1.00	.30	.20	5.50
W1316A	.060	1.80	--	2,030.0	6,725.0	1.70	2.80	1.00	2.60	.40	15.40
W1331A	<.010	.70	4.0	500.0	42.0	<1.00	.30	<1.00	.60	4.10	12.00
W1331C	.143	--	4.1	190.0	40.0	.53	1.00	.42	1.50	.73	12.00
W1331E	.050	--	4.2	240.0	36.4	.70	.20	.60	.80	1.20	17.00
W1331G	.060	--	3.9	280.0	26.6	.30	.24	.48	.89	.32	13.53
W1331I	.100	3.40	.6	7	24.0	10.00	5.00	1.50	.30	.05	5.70
W1331K	.400	2.40	3.7	.3	22.0	8.10	2.00	12.80	<.10	.09	3.90
W1331M	.080	<.10	8.3	45.0	54.0	.30	.20	2.20	4.90	1.80	1.60
W1332A	.070	.50	6.0	400.0	3.2	<1.00	.20	<1.00	.20	2.10	4.60
W1332C	.074	--	7.6	11.0	10.0	.50	.17	.44	2.40	.35	8.30
W1332E	.040	--	8.7	47.9	2.8	.60	.20	.80	.40	.20	6.00
W1332G	.030	--	8.0	150.0	3.1	.80	.25	1.10	.55	.63	9.02
W1332I	.100	1.30	.3	.6	33.0	4.80	8.00	12.00	1.10	.06	.73
W1332K	.300	1.10	.4	<.1	27.0	3.70	2.00	13.00	<.10	.04	.70
W1332H	.040	<.10	9.0	1,000.0	56.0	.40	6.90	6.60	120.00	1.80	6.70
W1341A	.010	.30	--	140.0	3.7	1.10	.10	<1.00	.30	.40	6.80
W1341C	.050	--	9.0	27.3	10.0	.50	.20	.60	.40	.50	7.60
W1342A	.040	.80	--	340.0	38.6	1.10	<.10	<1.00	.20	.40	5.60
W1343A	.030	.30	--	58.3	11.6	1.10	<.10	<1.00	.20	.30	4.90
W1344A	.010	--	4.0	270.0	40.0	.69	.15	.44	1.10	.41	6.90
W1340M	<.010	--	4.8	300.0	70.0	.82	.20	.43	1.10	.31	11.00
W1347A	<.010	--	6.0	70.0	10.0	.32	.17	.40	.59	.11	11.00
W1348A	<.010	--	5.6	40.0	30.0	.62	.18	.45	4.20	<.10	3.60
W1349A	.020	--	5.3	20.0	40.0	.41	.18	.45	.39	<.10	120.00
W1349C	.050	--	6.8	64.0	2.2	.50	.20	.50	.40	.30	8.10
W1350A	.020	--	9.1	30.0	10.0	.48	.15	.51	.23	.42	4.80
W1351A	.340	--	4.6	40.0	20.0	.44	.12	.48	.65	.41	4.50
W1351C	.040	--	5.4	50.0	10.8	.80	.20	.70	.40	1.00	6.00
W1352A	.030	--	6.0	72.2	10.6	1.10	.30	.80	.40	.40	6.20
W1353A	.070	--	7.7	20.0	20.0	.50	.14	.44	.62	.17	5.10
W1354A	.340	--	7.3	50.0	20.0	.41	.15	.53	.55	.36	4.90
W1355A	.020	--	11.0	50.0	30.0	.55	.17	.48	.55	.36	5.90
W1356A	.180	--	5.9	100.0	20.0	.45	.17	.45	.86	20.00	5.80
W1357A	.110	--	10.0	40.0	20.0	.57	.15	.64	.34	.57	4.30

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Cond uS	pH	T deg C	DOC mg/L
W1310A	122.0	7.18	17.0	--
W1311A	49.0	6.65	12.5	--
W1312A	10.0	4.73	24.0	--
W1313A	54.0	7.20	17.5	--
W1314A	51.0	7.30	16.5	--
W1315A	50.0	6.90	15.0	--
W1316A	84.0	6.61	23.0	--
W1331A	48.0	6.55	15.5	--
W1331C	34.0	6.50	10.5	7
W1331E	60.0	6.51	16.0	--
W1331G	46.5	6.90	5.0	8
W1331I	44.0	6.20	12.0	7
W1331K	39.0	6.33	3.0	7
W1331M	57.0	6.63	11.0	--
W1332A	47.0	7.14	15.0	--
W1332C	36.0	7.06	8.5	4
W1332E	54.0	7.14	15.0	--
W1332G	48.5	7.28	4.5	5
W1332I	43.0	6.91	10.0	4
W1332K	32.0	6.86	3.5	4
W1332M	56.0	7.18	10.5	--
W1341A	52.0	7.15	11.5	--
W1341C	55.0	7.06	13.0	6
W1342A	64.0	7.37	14.0	--
W1343A	61.0	7.23	16.0	7
W1344A	55.0	6.91	12.0	6
W1346A	50.0	6.92	14.5	6
W1347A	51.0	7.13	10.5	6
W1348A	52.0	7.19	11.0	6
W1349A	53.0	7.37	12.0	5
W1349C	34.0	7.03	16.0	5
W1350A	32.0	6.71	9.0	6
W1351A	40.0	6.77	11.0	9
W1351C	30.0	6.99	19.0	6
W1352A	30.0	6.99	19.0	6
W1353A	22.0	6.50	10.0	7
W1354A	29.0	6.70	16.0	3
W1355A	27.0	6.56	9.0	6
W1356A	25.0	6.92	16.0	6
W1357A	27.0	6.66	15.0	4

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Latitude	Longitude	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	Sr ug/L	HCO3 mg/L	H2CO3 mg/L	SO4 mg/L	Cl mg/L
W1358A	45 28 17	70 19 29	3.40	.75	1.10	.23	34.00	7.10	--	4.40	1.300
W1359A	45 28 43	70 19 1	3.00	.65	1.20	.22	22.00	6.00	--	3.40	.160
W1360A	45 28 41	70 19 2	3.70	.65	1.10	.21	25.00	9.20	--	3.50	.580
W1361A	45 28 32	70 18 33	2.20	.50	1.10	.07	16.00	4.40	--	2.20	.970
W1362A	45 28 20	70 18 12	4.10	.85	1.50	.23	31.00	11.10	--	3.20	1.200
W1363A	45 30 24	70 8 42	5.60	1.20	2.10	.51	29.00	23.50	--	2.70	.750
W1364A	45 30 29	70 8 33	6.00	1.20	1.30	.42	31.00	16.00	--	5.10	.430
W1365A	45 30 10	70 10 35	4.10	.65	1.40	.41	22.00	11.20	--	4.00	.730
W1366A	45 30 12	70 10 25	6.00	1.00	1.40	.40	22.90	14.20	--	3.60	2.000
W1367A	45 30 59	70 18 10	1.30	.80	1.50	.10	11.10	5.80	--	3.00	.500
W1368A	45 35 28	70 19 21	3.50	.80	.90	.40	14.40	6.70	--	3.30	.900
W1369A	45 35 35	70 19 31	5.30	.80	1.10	.20	34.30	8.70	--	6.50	2.000
W1370A	45 31 23	70 33 10	6.30	1.50	1.20	.40	19.90	22.60	--	1.80	.800
W1371A	45 31 34	70 32 48	4.80	1.00	1.00	.30	16.90	11.70	--	3.00	1.100
W1372A	45 31 44	70 32 19	3.50	1.00	1.30	.30	15.80	12.40	--	3.80	.400
W1374A	45 33 57	70 25 58	7.80	2.00	2.20	.40	30.80	32.30	--	7.50	.600
W1375A	45 34 11	70 22 23	1.50	.80	1.00	.20	12.50	.50	--	6.10	.600
W1376A	45 34 12	70 28 54	3.50	1.00	1.40	.40	19.30	10.30	--	5.60	.500
W1377A	45 33 30	70 30 21	7.50	2.00	1.40	.60	29.70	34.40	--	2.20	.400
W1373A	45 33 24	70 30 51	9.30	2.80	2.20	.80	46.00	44.20	--	6.10	.700
W1379A	45 32 27	70 31 3	8.00	1.00	1.20	.30	25.60	27.50	--	8.40	.700
W1381A	45 32 47	70 29 40	7.00	1.80	2.00	.40	31.00	37.80	--	5.60	.400
W1382A	45 36 30	70 28 55	11.00	1.50	1.20	.30	39.20	30.40	--	6.80	.400
W1333A	45 34 9	70 27 22	7.00	1.80	2.40	.30	35.20	31.60	--	6.50	.400
W1384A	45 31 57	70 25 21	2.50	1.00	1.20	.40	19.60	9.60	--	5.00	1.000
W1385A	45 31 51	70 25 51	5.30	1.30	1.30	.50	15.60	20.30	--	6.20	.400
W1387A	45 32 7	70 25 44	3.50	1.30	1.40	.50	22.40	18.10	--	4.60	.700
W1388A	45 35 12	70 9 10	6.50	2.50	11.00	.60	44.90	24.80	--	5.00	23.000
W1389A	45 37 18	70 9 22	1.00	1.50	1.40	.60	31.50	13.80	--	2.90	.600
W1390A	45 37 21	70 9 55	3.00	1.80	1.60	.70	31.10	24.70	--	1.10	.600
W1392A	45 36 58	70 10 47	3.30	2.00	1.50	.30	39.90	24.70	--	1.60	.400
W1393A	45 36 48	70 10 26	4.00	1.80	2.10	.70	33.70	27.20	--	3.60	.600
W1394A	45 36 59	70 9 49	3.80	1.50	1.10	.30	30.50	13.50	--	4.10	.600
W1395A	45 36 47	70 11 59	2.50	1.80	8.40	.60	30.00	23.40	--	3.10	5.300
W1396A	45 36 20	70 11 50	4.50	2.30	10.00	.70	34.90	33.20	--	2.40	8.000
W1397A	45 32 4	70 13 58	5.50	1.50	2.40	.70	32.20	18.20	--	6.50	1.100
W1398A	45 31 52	70 13 51	4.30	1.00	2.10	.60	35.00	14.70	--	6.90	.600
W1399A	45 32 46	70 13 9	2.50	2.00	3.20	.60	32.80	22.40	--	6.10	1.000
W1401A	45 34 55	70 35 10	4.00	2.80	1.60	.50	54.60	30.80	--	4.40	.500
W1402A	45 35 57	70 34 13	5.30	3.00	1.70	.40	52.50	34.10	--	5.10	.500

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	F mg/L	NO3 mg/L	SiO2 mg/L	mg/L	Fe ug/L	Mn ug/L	As ug/L	Co ug/L	Cu ug/L	Mo ug/L	Ni ug/L	Pb ug/L	Zn ug/L
W1356A	.40C	--	--	8.8	140.0	10.0	.45	.14	.60	.50	.63	.80	8.70
W1359A	.040	--	--	4.9	170.0	30.0	.56	.14	.50	.49	.37	.38	9.00
W1360A	.160	--	--	4.9	160.0	10.0	.34	.15	.50	.64	.42	.46	5.30
W1361A	.400	--	--	5.2	470.0	30.0	.64	.26	.70	.41	3.40	.55	7.00
W1362A	.570	--	--	7.6	250.0	10.0	.51	.28	.40	.68	.82	.35	5.40
W1363A	.160	--	--	8.3	230.0	190.0	.47	.24	.50	1.50	.72	.30	7.00
W1364A	.160	--	--	5.0	180.0	40.0	.45	.21	.60	.47	.50	.30	4.50
W1365A	.160	--	--	4.9	230.0	30.0	.52	.16	.90	.98	.61	.60	4.60
W1366A	.200	--	--	4.5	170.0	110.0	1.30	.30	4.60	3.20	.60	.50	13.00
W1367A	.010	--	--	12.4	280.0	9.9	1.20	.30	.80	.80	.60	.50	9.70
W1368A	.190	--	--	3.6	170.0	40.7	1.10	.40	4.90	2.00	1.20	.70	9.80
W1369A	.320	--	--	6.3	3.3	3.1	1.00	.30	.90	1.30	.70	.40	7.40
W1370A	.210	--	--	2.9	490.0	790.0	1.20	.60	.50	1.40	1.70	.80	1.10
W1371A	.560	--	--	3.8	140.0	28.0	.90	.30	.40	.70	.60	.70	1.10
W1372A	.180	--	--	1.7	170.0	33.6	.70	.30	.70	.40	.40	1.10	.90
W1374A	.020	--	--	12.8	16.9	2.8	.60	.30	.70	.60	.50	.70	1.50
W1375A	.130	--	--	8.6	32.1	2.4	.70	.30	.80	.60	.50	.70	9.20
W1376A	.040	--	--	9.3	75.9	5.9	.80	.30	.70	.70	.50	.70	8.10
W1377A	.120	--	--	4.1	510.0	830.0	1.10	.70	.50	.70	1.00	.80	14.00
W1378A	.130	--	--	10.5	19.1	24.3	.60	.40	.50	.90	.50	.50	6.70
W1379A	.040	--	--	8.5	4.1	1.4	.50	.40	.90	.70	.60	.50	8.60
W1381A	.060	--	--	10.2	33.7	12.8	.60	.40	6.00	.60	.40	.40	5.10
W1382A	.020	--	--	8.7	5.8	1.6	.60	.40	1.00	.60	.40	.60	8.20
W1383A	.030	--	--	19.0	6.6	.3	.70	.40	.50	.60	.40	.60	6.60
W1384A	.030	--	--	7.2	23.2	3.7	.70	.40	.50	.70	.40	.80	5.80
W1385A	.010	--	--	9.1	8.8	1.7	.70	.40	1.40	.90	6.20	1.10	5.10
W1387A	.010	--	--	5.0	150.0	19.5	.80	.40	.60	.70	.50	.60	7.20
W1388A	.020	--	--	7.7	19.5	5.5	.50	.40	.60	.70	.50	.70	11.30
W1389A	.020	--	--	6.3	110.0	17.1	.70	.40	.40	.70	.40	.70	8.20
W1390A	.030	--	--	4.7	1,240.0	190.0	1.30	.70	.30	.70	1.30	.90	11.70
W1392A	.010	--	--	5.5	560.0	370.0	1.00	.70	.30	.70	1.40	.70	17.00
W1393A	.110	--	--	5.8	16.0	17.4	.60	.30	.30	.60	.70	.70	7.00
W1394A	.050	--	--	5.8	67.1	49.8	.70	.30	.40	.60	.60	.60	4.40
W1395A	.130	--	--	5.0	21.5	8.5	.60	.40	.50	.80	.80	.60	7.70
W1396A	.110	--	--	4.7	27.0	16.2	.50	.40	.50	.90	.90	.10	4.70
W1397A	.060	--	--	13.4	12.3	1.9	.80	.40	1.50	3.40	.50	.40	9.10
W1398A	.030	--	--	13.2	160.0	25.9	.80	.60	34.40	9.80	1.00	.60	23.00
W1399A	.050	--	--	15.8	220.0	140.0	.80	.90	.50	1.10	.80	.40	13.30
W1401A	.030	--	--	6.4	100.0	14.4	.50	.40	.40	.80	.70	.30	8.70
W1402A	.040	--	--	6.8	9.7	4.7	.40	.50	.40	.80	.60	.30	7.30

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Cond uS	pH	T deg C	DOC mg/L
W1358A	25.0	6.03	10.5	10
W1359A	22.0	6.50	18.0	6
W1360A	27.0	6.80	17.0	5
W1361A	16.0	5.76	14.5	12
W1362A	29.0	6.69	17.5	6
W1363A	45.0	6.60	12.0	6
W1364A	39.0	6.90	16.5	4
W1365A	30.0	6.73	15.5	6
W1366A	33.0	6.82	16.0	8
W1367A	20.0	5.71	10.5	9
W1368A	26.0	6.22	17.0	8
W1369A	36.0	6.29	15.0	4
W1370A	44.0	6.65	24.0	8
W1371A	31.0	6.76	17.0	8
W1372A	32.0	6.92	27.0	6
W1374A	59.0	7.29	10.5	4
W1375A	23.0	6.13	11.5	7
W1376A	33.0	6.89	15.0	5
W1377A	56.0	6.73	20.0	6
W1378A	95.0	7.33	11.0	3
W1379A	58.0	6.26	6.5	4
W1381A	57.0	7.35	23.0	2
W1382A	92.0	7.29	9.0	3
W1383A	58.0	7.52	8.0	2
W1384A	31.0	6.94	15.0	4
W1385A	46.0	6.85	8.0	3
W1387A	38.0	7.39	21.0	5
W1388A	124.0	7.30	13.5	3
W1389A	36.0	6.99	17.0	5
W1390A	43.0	6.55	19.5	7
W1392A	81.0	7.32	15.0	5
W1393A	72.0	6.65	15.5	4
W1394A	31.0	6.90	15.0	6
W1395A	70.0	6.50	16.0	4
W1396A	96.0	7.20	17.0	4
W1397A	56.0	6.74	14.0	4
W1398A	54.0	6.69	14.0	8
W1399A	115.0	7.50	17.0	2
W1401A	69.0	7.29	18.0	4
W1402A	74.0	7.03	18.0	3

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Latitude	Longitude	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	Sr ug/L	HCO3 mg/L	H2CO3 mg/L	SO4 mg/L	Cl mg/L
W1403A	45 35 56	70 34 13	8.00	4.00	2.80	.60	76.00	57.90	--	4.90	.400
W1406A	45 36 47	70 30 59	4.80	2.80	1.30	.50	53.40	29.50	--	5.70	.500
W1407A	45 36 56	70 33 4	3.00	2.50	1.50	.50	59.60	31.60	--	4.20	.400
W1408A	45 37 26	70 33 44	4.80	2.50	1.50	.50	63.70	24.70	--	3.20	.700
W1410A	45 36 6	70 32 34	5.00	2.50	1.50	.50	69.40	32.20	--	4.70	.300
W1411A	45 29 59	70 12 43	7.00	1.30	2.30	.60	47.00	20.80	--	7.20	.600
W1412A	45 29 46	70 12 27	4.80	1.00	1.90	.50	38.00	13.20	--	5.60	.700
W1413A	45 29 35	70 12 34	5.80	1.50	2.80	.50	45.30	20.70	--	5.20	.900
W1414A	45 32 13	70 20 17	4.00	1.00	1.90	.30	36.70	12.50	--	4.90	.500
W1414C	45 32 13	70 20 17	4.10	.90	1.60	.28	40.00	16.80	2.7291	4.10	.300
W1415A	45 32 20	70 19 49	3.80	1.80	1.90	.50	47.50	19.20	--	5.90	.500
W1415C	45 32 20	70 19 49	7.15	1.85	1.92	.27	39.65	22.00	--	6.80	.750
W1415E	45 32 20	70 19 49	4.50	1.40	1.40	.28	34.00	13.70	3.5975	6.00	.500
W1416A	45 32 21	70 19 26	.50	1.00	2.40	.60	20.10	9.10	--	1.10	.700
W1416C	45 32 21	70 19 26	4.35	1.30	1.47	.14	19.00	4.00	--	3.60	1.100
W1416E	45 32 21	70 19 26	3.20	1.10	1.10	.07	1.00	5.12	11.7847	2.10	.500
W1417A	45 31 41	70 19 44	5.80	1.50	1.80	.30	47.30	22.80	--	1.70	.400
W1418A	45 31 41	70 19 38	4.80	1.30	2.30	.40	35.40	18.90	--	3.50	.500
W1418C	45 31 41	70 19 38	5.60	1.60	1.90	.33	48.00	28.40	2.4810	3.40	.900
W1419A	45 33 26	70 30 6	8.70	2.20	2.10	.70	39.40	40.00	--	2.30	.800
W1421A	45 31 32	70 32 5	5.70	1.60	2.00	.30	30.50	23.00	--	4.00	.400
W1422A	45 29 15	70 13 21	4.50	.80	1.31	.43	21.84	13.00	--	3.40	.480
W1423C	45 31 52	70 19 2	5.45	1.35	.60	.14	18.90	3.90	--	3.90	1.200
W1423E	45 31 52	70 19 2	3.00	.90	.43	.01	18.00	.68	19.2278	.80	.500
W1424A	45 31 43	70 18 49	1.90	.60	1.50	.20	18.50	4.20	--	.70	.400
W1424C	45 31 43	70 18 49	3.60	1.10	1.10	.06	1.00	4.39	15.5063	2.20	.500
W1425A	45 31 40	70 18 45	2.00	1.10	1.90	.30	22.80	11.00	--	2.20	1.100
W1425C	45 31 40	70 18 45	3.90	1.30	1.50	.22	25.00	10.50	14.2658	2.80	.400
W1426A	45 31 42	70 18 38	3.95	1.15	.78	.03	16.35	<.50	--	5.80	1.100
W1426C	45 31 42	70 18 38	2.30	.90	.69	.09	15.00	1.37	14.2658	1.30	.400
W1427A	45 31 33	70 18 15	2.50	1.10	1.20	.90	25.00	13.00	--	.70	1.100
W1427C	45 31 33	70 18 15	3.60	.95	1.25	.29	12.70	4.30	--	1.20	1.200
W1427E	45 31 33	70 18 15	3.20	1.00	.94	.05	19.00	4.39	8.0632	.600	.500
W1428A	45 31 19	70 18 8	3.00	1.00	1.80	.20	23.40	13.00	--	1.70	.500
W1428C	45 31 19	70 18 8	4.00	1.20	1.10	.09	8.70	3.78	14.8860	1.80	.500
W1429A	45 31 17	70 17 54	4.85	1.35	.98	.06	17.90	<.50	--	5.40	.860
W1429C	45 31 17	70 17 54	3.90	1.30	.82	.04	5.20	1.83	--	2.20	.500
W1430A	45 23 40	70 18 24	10.10	1.80	2.20	.40	42.00	36.00	--	7.50	.600
W1431A	45 23 40	70 18 35	7.10	1.00	1.20	.40	26.40	21.00	--	4.20	.300
W1432A	45 23 0	70 18 26	11.00	1.40	1.90	.30	35.60	40.00	--	5.80	.400

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	F mg/L	NO3 mg/L	SiO2 mg/L	Fe ug/L	Mn ug/L	As ug/L	Co ug/L	Cu ug/L	Mo ug/L	Ni ug/L	Pb ug/L	Zn ug/L
W1403A	.050	--	7.4	38.3	7.8	.80	.40	.90	.70	.60	.40	5.50
W1406A	.050	--	9.7	43.6	90.0	.60	.40	.30	.80	1.10	.40	9.10
W1407A	.023	--	5.6	78.7	17.7	.70	.30	.60	2.27	.50	.20	7.10
W1408A	.010	--	4.6	810.0	320.0	1.70	.60	.50	.80	1.00	.40	11.00
W1410A	.020	--	5.5	42.0	20.7	.60	.40	.50	.80	.50	.30	5.60
W1411A	.060	--	12.3	37.0	1.9	.70	.40	.40	1.90	.40	<.10	8.40
W1412A	.050	--	9.7	140.1	30.8	.80	.40	.40	1.60	.70	.30	5.60
W1413A	.060	--	14.3	84.0	8.8	.70	.40	.80	1.00	.40	.50	7.70
W1414A	.020	--	12.4	19.2	2.5	.70	.40	.50	.90	.40	.40	7.40
W1414C	.070	<.10	5.0	34.0	4.1	.40	.20	.10	.20	.50	.10	2.30
W1415A	<.010	--	11.9	260.0	80.0	.90	.60	.50	.70	.60	.10	9.40
W1415C	.050	--	11.0	310.0	25.4	.40	.27	.92	.45	.88	.25	5.56
W1415E	.050	<.10	4.0	120.0	10.0	.50	.30	.10	.10	.90	.60	4.10
W1416A	.110	--	5.4	630.0	28.9	1.80	.70	.90	.80	2.20	4.50	2.00
W1416C	.050	--	5.0	580.0	59.4	.70	.29	1.92	.43	1.50	.75	13.26
W1416E	.080	<.10	1.0	250.0	42.0	.70	.20	.50	.20	1.30	.90	7.20
W1417A	.040	--	9.4	90.0	7.3	.70	.40	.20	.70	.70	.60	6.80
W1418A	.080	--	15.9	21.2	1.7	.60	.40	.10	.80	.60	.80	4.70
W1418C	.050	<.10	5.0	25.0	2.9	1.70	.10	.50	.30	.80	.40	2.10
W1419A	.100	--	6.0	240.0	60.0	.70	.20	.60	.50	1.00	.20	9.90
W1421A	.110	--	8.0	120.0	35.0	.50	.20	.30	.50	.60	<.10	8.40
W1422A	.030	--	9.9	51.7	4.2	.64	.18	.63	.28	.53	.14	20.60
W1423C	.020	--	6.6	1,070.0	100.0	.70	.73	1.20	.44	2.94	.33	15.32
W1423E	.070	<.10	1.0	380.0	32.0	.80	.40	.70	.20	2.10	.90	11.00
W1424A	.080	--	12.0	606.0	30.0	.90	.40	.40	.40	1.50	2.30	22.90
W1424C	.070	<.10	4.0	360.0	29.0	.80	.70	.70	.20	3.40	.60	8.60
W1425A	.090	--	13.0	95.0	20.0	.60	.10	.10	.40	.70	1.20	7.50
W1425C	.070	<.10	6.0	240.0	17.0	.90	.30	.60	.20	1.50	.30	5.60
W1426A	.040	--	3.9	790.0	53.2	1.00	.38	.55	.42	1.42	.25	23.58
W1426C	.070	<.10	1.0	360.0	38.0	.80	.60	.60	.20	1.80	.80	11.00
W1427A	.180	--	11.0	2,600.0	110.0	8.90	.60	3.90	.50	5.30	2.20	290.00
W1427C	.060	--	5.6	1,500.0	140.0	1.20	.46	.82	.43	2.08	.50	19.45
W1427E	.040	<.10	1.0	330.0	41.0	1.20	.40	.60	.20	1.90	.90	12.00
W1428A	.090	<.10	12.0	120.0	20.0	.60	.10	.30	.40	.80	.40	6.70
W1428C	.090	<.10	4.0	350.0	28.0	.90	.30	.40	.20	2.20	.70	14.00
W1429A	.050	--	7.1	980.0	55.1	.80	.43	.86	.43	2.56	1.13	33.85
W1429C	.090	<.10	3.0	400.0	38.0	.70	.50	.30	.20	3.30	1.00	21.00
W1430A	.090	--	12.0	3.0	26.0	.40	.20	1.00	.40	.60	.40	18.40
W1431A	.030	--	4.0	8.1	40.0	.40	.20	.30	.40	.50	.60	9.90
W1432A	.060	--	6.0	7.2	16.0	.50	.30	1.00	.40	.50	.40	12.50

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Cond μ S	pH	T deg C	DOC mg/L
W1403A	106.0	7.31	17.5	4
W1406A	97.0	7.29	12.0	3
W1407A	69.0	7.19	17.0	3
W1408A	60.0	6.71	25.0	4
W1410A	67.0	7.21	21.0	4
W1411A	52.0	7.12	13.0	5
W1412A	48.0	7.19	16.0	7
W1413A	50.0	6.40	10.0	7
W1414A	33.0	7.21	11.0	8
W1414C	32.0	6.89	5.0	4
W1415A	52.0	6.60	17.0	4
W1415C	57.0	6.94	5.0	8
W1415E	36.0	6.57	5.5	11
W1416A	26.0	5.92	30.0	18
W1416C	34.0	5.19	5.5	24
W1416E	25.0	4.92	4.0	26
W1417A	42.0	7.11	24.0	7
W1418A	43.0	6.46	7.0	6
W1418C	44.0	6.41	5.5	3
W1419A	75.0	7.31	25.0	5
W1421A	50.0	7.23	21.5	4
W1422A	29.0	6.60	7.0	7
W1423C	35.0	5.34	4.0	23
W1423E	30.0	4.31	4.0	34
W1424A	19.0	5.50	17.5	16
W1424C	23.0	4.73	4.0	32
W1425A	29.0	5.70	15.0	6
W1425C	26.0	5.89	3.0	22
W1426A	42.2	5.27	5.0	39
W1426C	31.0	4.29	2.0	28
W1427A	34.0	5.65	19.0	25
W1427C	28.0	5.35	4.0	22
W1427E	25.0	4.70	2.5	23
W1428A	28.0	6.61	19.0	7
W1428C	32.0	4.59	5.5	36
W1429A	46.2	4.42	5.0	30
W1429C	38.0	4.29	3.5	--
W1430A	85.0	6.63	6.0	3
W1431A	50.0	6.84	17.5	5
W1432A	34.0	7.32	18.0	8

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Latitude	Longitude	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	Sr ug/L	HCO3 mg/L	H2CO3 mg/L	SO4 mg/L	Cl mg/L
W1433A	45 34 5	70 26 27	7.10	3.50	1.70	.60	40.30	33.00	--	8.00	.900
W1434A	45 34 4	70 28 21	5.10	1.50	1.60	.50	27.60	20.00	--	2.00	.400
W1435A	45 28 10	70 27 0	5.80	1.30	1.40	.30	23.90	19.00	--	4.90	.300
W1436A	45 28 10	70 26 55	5.40	1.20	1.50	.30	23.40	18.00	--	3.60	.300
W1437A	45 28 9	70 26 46	5.90	1.10	1.50	.40	28.20	18.00	--	5.30	3.100
W1438A	45 28 0	70 26 3	8.10	1.10	1.20	.30	34.30	23.00	--	6.90	.900
W1439A	45 27 50	70 25 26	3.20	.70	1.40	.20	21.90	8.00	--	5.30	.600
W1440A	45 34 52	70 11 9	13.00	3.50	14.40	.40	90.50	27.00	--	3.80	30.000
W1442A	45 32 3	70 32 47	4.40	1.30	2.30	.30	27.20	16.00	--	4.70	.300
W1446A	45 32 5	70 32 55	4.70	1.20	2.20	.20	26.10	18.00	--	3.50	.800
W1447A	45 33 5	70 25 22	2.80	.90	1.10	.30	16.30	12.00	--	1.80	.400
W1448A	45 32 42	70 24 47	5.50	2.00	1.70	.40	28.40	25.00	--	4.00	1.300
W1449A	45 32 43	70 24 39	4.50	1.00	1.00	<.10	17.40	12.00	--	4.40	.200
W1450A	45 32 37	70 24 32	5.00	1.30	1.60	.20	24.10	19.00	--	3.50	.500
W1451A	45 32 37	70 24 26	5.70	1.30	2.00	.30	31.20	25.00	--	2.20	.400
W1452A	45 33 0	70 24 24	3.80	.90	1.00	.10	23.80	8.00	--	3.30	.200
W1453A	45 33 19	70 24 2	6.20	1.50	1.50	.20	37.90	21.00	--	6.70	.200
W1455A	45 26 52	70 13 51	3.87	.71	1.00	.32	16.07	9.80	--	3.50	.510
W1456A	45 26 30	70 14 48	3.10	.60	1.40	.33	17.32	8.00	--	2.80	.590
W1457A	45 26 27	70 13 6	7.85	1.25	1.84	.35	17.66	25.00	--	5.70	.610
W1458A	45 26 35	70 18 14	6.20	1.15	1.78	.27	21.65	17.00	--	5.60	.610
W1459A	45 27 0	70 18 37	6.00	1.05	1.86	.34	20.15	19.00	--	4.80	.670
W1460A	45 27 14	70 18 35	6.80	1.25	1.75	.32	25.16	22.00	--	6.00	.630
W1461A	45 32 31	70 26 9	6.35	1.65	.86	.38	30.65	21.00	--	3.70	.410
W1462A	45 32 30	70 26 6	5.40	1.60	.98	.31	26.33	19.00	--	4.10	.440
W1463A	45 40 24	70 27 21	5.75	1.50	.78	.35	30.43	19.00	--	4.60	.470
W1464A	45 40 43	70 25 38	4.00	1.20	.58	.35	27.46	8.20	--	3.70	.410
W1465A	45 27 10	70 20 21	5.75	1.10	2.00	.38	20.43	23.00	--	4.60	.630
W1466A	45 27 40	70 22 25	3.30	.55	1.64	.35	15.22	11.00	--	3.90	.520
W1467A	45 27 20	70 22 35	4.45	.90	1.97	.34	17.53	16.00	--	5.20	.550
W1468A	45 28 3	70 24 8	9.00	2.45	2.36	.37	29.33	41.00	--	5.50	.470
W1469A	45 27 59	70 24 17	4.60	.95	1.24	.19	21.48	11.00	--	5.60	.500
W1470A	45 27 49	70 24 42	4.65	.85	1.31	.43	21.94	12.00	--	6.70	.710
W1471A	45 27 40	70 24 45	5.40	.75	.89	.34	20.15	12.00	--	6.80	.730
W1472A	45 28 14	70 23 59	4.05	.80	1.33	.31	20.04	14.00	--	3.70	.490
W1473A	45 28 10	70 10 22	4.30	1.20	1.62	.41	21.34	15.00	--	4.50	.520
W1474A	45 28 15	70 10 15	4.40	1.25	1.49	.45	22.41	23.00	--	3.50	.510
W1475A	45 31 8	70 8 44	7.75	1.45	1.19	.32	31.95	24.00	--	6.30	.580
W1476A	45 31 11	70 8 54	8.40	1.10	1.39	.53	38.65	30.00	--	4.40	.590
W1477A	45 31 4	70 8 59	14.35	2.30	2.40	.59	47.90	57.00	--	6.80	.510

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	F mg/L	NO3 mg/L	SiO2 mg/L	Fe ug/L	Mn ug/L	As ug/L	Co ug/L	Cu ug/L	Mo ug/L	Ni ug/L	Pb ug/L	Zn ug/L
W1433A	.07J	--	13.0	1.5	10.0	.40	.20	.50	.40	1.80	.30	9.90
W1434A	.060	--	3.0	190.0	36.0	.60	.20	.40	.40	1.00	.80	10.70
W1435A	.060	--	4.0	38.0	23.0	.40	.20	.20	.40	.50	1.00	8.30
W1436A	.020	--	6.0	283.0	13.0	.40	.20	.30	.40	.80	.90	7.10
W1437A	.070	--	2.0	630.0	130.0	.50	.30	1.20	.40	1.00	.80	7.90
W1438A	.090	--	6.0	193.0	370.0	.50	.30	.60	.40	1.00	.30	14.10
W1439A	.040	--	5.0	46.0	20.0	.50	.20	.50	1.70	.80	.20	6.90
W1440A	.070	--	10.0	42.0	33.0	.50	.20	1.40	.40	.70	.10	8.50
W1442A	.030	--	11.0	183.0	160.0	.50	.20	.20	.40	.70	.50	8.30
W1446A	.110	--	5.0	130.0	75.0	.60	.20	.30	.40	.70	1.20	7.60
W1447A	.050	--	2.0	500.0	80.0	.80	.30	.30	.40	1.20	1.60	16.10
W1448A	<.010	--	12.0	9.1	30.0	.40	.20	.80	.40	1.50	.30	8.70
W1449A	.080	--	8.0	455.0	25.0	.50	.30	.50	.60	1.70	.50	11.40
W1450A	.090	--	6.0	240.0	16.0	.50	.20	.50	.50	.60	.20	6.80
W1451A	.070	--	4.0	270.0	170.0	.40	.20	.30	.90	1.30	.20	5.80
W1452A	.040	--	8.0	280.0	20.0	.60	.10	.50	.40	1.10	.60	11.70
W1453A	.070	--	5.0	340.0	10.0	.70	.10	.30	.40	.90	.50	4.60
W1455A	.050	--	4.2	90.0	20.4	.56	.19	.75	.30	.38	.38	10.68
W1456A	.060	--	6.0	300.0	34.5	.80	.26	.77	.47	.58	.33	18.87
W1457A	.030	--	10.0	37.5	2.0	.74	.18	1.37	.33	.34	.80	10.63
W1458A	.050	--	10.0	19.2	1.3	.62	.19	1.00	.33	.33	.50	8.11
W1459A	.080	--	11.0	140.0	21.5	1.00	.21	.86	.44	.28	.29	4.90
W1460A	.050	--	11.0	100.0	13.1	1.36	.23	1.06	.34	.21	<.10	4.80
W1461A	.020	--	4.5	370.0	49.1	1.31	.18	1.69	.32	1.78	.58	5.75
W1462A	.040	--	11.0	220.0	40.3	1.22	.18	1.59	.30	1.45	<.10	6.20
W1463A	.040	--	4.1	400.0	140.0	1.44	.41	1.82	.30	1.95	.58	8.59
W1464A	.040	--	3.2	790.0	210.0	1.40	.76	.80	.30	2.57	.38	11.21
W1465A	.070	--	11.0	120.0	10.0	1.13	.15	.92	.55	.19	.47	7.81
W1466A	.090	--	11.0	34.0	3.6	.83	.16	.40	.31	.31	.56	5.71
W1467A	.030	--	11.0	31.6	9.8	1.01	.14	.74	.38	.43	.26	7.00
W1468A	.100	--	14.0	4.2	3.2	1.49	.15	.97	.37	.50	.38	5.15
W1469A	.060	--	4.2	15.5	3.7	.87	.10	.67	.35	.51	.57	6.18
W1470A	.080	--	11.0	400.0	100.0	.91	.63	.79	.36	.59	.51	9.58
W1471A	.020	--	6.5	120.0	54.3	1.02	.21	1.43	.32	.58	.19	10.53
W1472A	.060	--	8.3	150.0	6.0	.80	.20	.62	.47	.33	.10	9.48
W1473A	.040	--	10.0	72.6	15.0	1.00	.17	.63	.32	.36	.20	8.89
W1474A	.040	--	9.0	23.4	3.6	.95	.14	.37	.35	.37	.18	7.35
W1475A	.070	--	5.7	42.0	23.0	1.09	.33	2.04	.38	.38	.18	8.90
W1476A	.070	--	8.7	17.9	8.5	1.30	.28	1.77	.37	.28	.32	7.41
W1477A	.030	--	14.0	12.7	4.1	2.22	.38	1.55	2.27	.30	.10	5.55

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Conc μ S	pH	T deg C	DOC mg/L
W1433A	80.0	6.69	5.0	3
W1434A	36.0	7.02	19.0	9
W1435A	42.0	7.41	12.0	3
W1436A	41.0	7.10	15.0	5
W1437A	41.0	6.91	17.0	6
W1438A	55.0	6.47	13.0	6
W1439A	39.0	8.55	15.0	4
W1440A	190.0	7.39	11.5	4
W1442A	39.0	6.70	12.5	4
W1446A	37.0	7.06	13.0	3
W1447A	24.0	6.49	14.0	6
W1448A	49.0	9.47	6.0	3
W1449A	34.0	6.19	12.5	14
W1450A	39.0	6.51	15.0	4
W1451A	40.0	6.89	16.5	4
W1452A	29.0	6.22	12.0	16
W1453A	49.0	7.06	16.0	6
W1455A	25.1	6.70	8.5	6
W1456A	21.6	6.17	8.5	12
W1457A	45.3	7.28	8.5	4
W1458A	41.0	7.19	8.0	4
W1459A	39.0	7.30	9.0	6
W1460A	44.0	7.26	10.5	3
W1461A	38.0	7.10	9.0	7
W1462A	36.1	7.10	10.0	7
W1463A	36.5	7.15	10.0	8
W1464A	25.3	6.51	11.0	9
W1465A	42.0	7.35	7.5	4
W1466A	24.2	7.24	8.5	3
W1467A	34.0	6.77	8.5	6
W1468A	83.0	8.31	7.0	4
W1469A	33.9	7.15	9.0	4
W1470A	32.2	6.73	10.0	5
W1471A	34.1	7.02	14.0	4
W1472A	27.2	7.12	11.0	4
W1473A	35.0	7.01	9.0	5
W1474A	34.0	7.38	8.5	4
W1475A	51.0	7.77	12.5	4
W1476A	44.8	7.74	11.0	4
W1477A	115.0	7.92	9.0	4

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Latitude	Longitude	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	Sr ug/L	HC03 mg/L	H2C03 mg L	S04 mg/L	Cl mg/L
W1478A	45 34 29	70 8 28	4.90	1.15	5.32	1.09	22.14	12.00	--	3.70	12.000
W1479A	45 34 50	70 8 3	3.75	1.15	1.41	.27	22.42	9.50	--	6.30	.520
W1480A	45 34 53	70 8 4	4.25	1.10	5.09	.69	24.56	11.00	--	4.90	11.000
W1481A	45 35 15	70 7 43	3.00	1.10	1.08	.21	17.80	6.10	--	6.00	.440
W1482A	45 32 51	70 8 20	3.05	.60	1.04	.22	15.40	3.50	--	5.60	.550
W1483A	45 32 53	70 8 39	7.25	1.70	2.29	.78	36.88	30.00	--	5.10	.780
W1484A	45 33 2	70 8 33	5.80	1.20	2.45	.76	30.94	18.00	--	2.90	4.100
W1485A	45 33 0	70 8 37	7.50	1.65	2.37	.75	39.73	31.00	--	4.90	.830
W1486A	45 33 1	70 7 27	9.50	2.25	5.04	.59	58.25	30.00	--	6.10	13.000
W1487A	45 36 3	70 23 36	8.90	1.55	1.08	.27	34.18	28.00	--	3.70	.570
W1488A	45 36 12	70 23 47	3.90	.70	.58	.21	16.05	7.60	--	4.60	.370
W1489A	45 36 17	70 23 3	4.80	1.15	.93	.05	13.59	10.00	--	1.10	.710
W1491A	45 36 34	70 24 3	17.40	2.80	1.60	.51	47.45	70.00	--	5.30	.700
W1492A	45 33 13	70 21 34	13.40	2.80	2.54	.26	47.30	58.00	--	9.30	.340
W1493A	45 33 15	70 20 34	5.20	1.25	1.55	.34	36.71	17.00	--	2.90	1.300
W1494A	45 32 55	70 21 41	8.45	2.20	2.37	.23	40.67	35.00	--	7.20	.670
W1495A	45 33 11	70 21 52	7.60	2.05	2.50	.38	39.30	32.00	--	7.90	.730
W1496A	45 33 32	70 22 27	7.70	1.75	2.42	.37	34.60	30.00	--	7.20	.670
W1497A	45 33 36	70 22 45	5.40	1.30	1.55	.34	27.26	16.00	--	6.60	.550
W1498A	45 29 18	70 16 23	4.45	.75	1.42	.39	26.39	14.00	--	2.00	.630
W1499A	45 29 33	70 16 11	2.95	.60	.82	.20	19.89	6.40	--	1.90	.600
W1499C	45 29 33	70 16 11	2.10	.58	1.10	.26	16.00	1.00	.8000	2.70	.330
W1500A	45 29 39	70 17 36	4.10	.95	1.72	.18	26.76	14.00	--	3.10	2.600
W1501A	45 23 40	70 19 32	3.95	1.15	1.41	.38	30.65	6.70	--	4.40	.960
W1502A	45 28 54	70 19 48	4.95	1.00	1.31	.39	34.15	15.00	--	4.60	.480
W1503A	45 29 7	70 19 55	4.60	.85	1.14	.41	24.76	12.00	--	3.50	.530
W1504A	45 29 40	70 19 41	4.40	1.00	1.60	.20	11.71	14.00	--	1.00	.880
W1505A	45 29 46	70 19 44	4.60	.95	1.58	.38	35.36	17.00	--	2.40	.500
W1506A	45 29 53	70 19 48	6.60	1.25	1.66	.67	44.25	21.00	--	4.50	.630
W1507A	45 29 46	70 19 4	4.10	.85	1.46	.18	26.52	13.00	--	2.90	.570
W1508A	45 29 20	70 19 11	4.05	.95	1.62	.27	10.21	12.00	--	1.70	.600
W1510A	45 40 31	70 25 28	4.15	1.50	1.02	.32	19.55	12.00	--	14.00	.650
W1511A	45 40 25	70 25 14	4.80	1.45	1.05	.21	19.65	10.00	--	5.50	1.200
W1512A	45 40 37	70 24 54	4.80	1.35	.91	.48	30.55	11.00	--	4.30	.840
W1513A	45 40 30	70 24 45	6.25	1.50	1.05	.36	22.15	17.00	--	6.40	.930
W1514A	45 38 40	70 30 48	3.50	1.40	.90	.21	26.70	5.50	--	7.20	.550
W1515A	45 38 50	70 30 39	3.60	1.40	1.08	.25	24.65	7.10	--	6.80	1.100
W1516A	45 34 39	70 32 14	12.50	1.40	1.20	.19	39.60	5.50	--	29.00	2.000
W1517A	45 34 41	70 32 14	8.00	2.35	1.68	.49	46.00	22.00	--	5.50	.970
W1518A	45 34 44	70 32 16	5.20	1.40	1.37	.56	22.10	16.00	--	2.60	1.700

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	F mg/L	NO3 mg/L	SiO2 mg/L	Fe ug/L	Mn ug/L	As ug/L	Co ug/L	Cu ug/L	Mo ug/L	Ni ug/L	Pb ug/L	Zn ug/L
W1478A	.060	--	4.4	240.0	03.8	.87	.23	1.11	.36	.93	.15	17.10
W1479A	.030	--	5.6	9.1	3.3	.87	.27	.92	.35	.84	.16	9.24
W1480A	.060	--	4.3	27.1	6.2	.73	.21	.86	.49	1.00	.50	11.47
W1481A	.020	--	6.2	9.4	24.1	.67	.23	.78	.45	1.11	.40	15.71
W1482A	.100	--	3.6	50.0	.7	.30	.15	.40	.65	.46	.80	8.07
W1483A	.080	--	9.3	6.1	12.5	1.20	.21	1.61	1.52	.47	.24	8.08
W1484A	.070	--	6.6	235.0	62.0	.82	.15	1.31	.39	.65	.52	9.17
W1485A	.100	--	9.9	100.0	18.0	.83	.19	1.96	1.37	.65	.20	4.85
W1486A	.030	--	8.7	41.3	7.1	.85	.26	2.25	.38	.91	.60	5.66
W1487A	.040	--	3.0	190.0	20.3	1.07	.20	1.90	.59	1.46	.35	7.43
W1488A	.050	--	1.6	66.0	11.7	.95	.24	.61	.43	.80	.13	7.20
W1489A	.060	--	1.8	420.0	69.3	1.05	.29	1.38	.51	1.67	.42	1.33
W1491A	.060	--	6.5	53.2	11.0	.86	.22	2.55	2.17	.75	<.10	4.70
W1492A	.120	--	16.0	1.4	.8	1.09	.26	1.66	.38	.42	.67	5.71
W1493A	.120	--	8.2	120.0	8.5	.82	.25	1.08	.35	1.00	.11	7.56
W1494A	.050	--	14.0	50.1	5.6	.63	.31	1.05	.33	.42	.40	6.61
W1495A	.040	--	1.7	9.9	6.4	.78	.33	1.00	.33	.62	.68	5.67
W1496A	.060	--	11.0	7.1	1.7	.75	.28	1.55	.41	.48	.42	3.59
W1497A	.040	--	12.0	9.3	3.2	.62	.18	1.07	.29	.42	.93	3.10
W1498A	.070	--	4.1	260.0	12.3	.94	.21	.90	.30	1.07	.24	5.90
W1499A	.060	--	1.4	130.0	11.5	1.12	.26	.74	.28	.42	.44	8.29
W1499C	.070	<.10	2.5	160.0	22.0	.50	.10	.70	1.60	4.00	1.80	8.60
W1500A	.620	--	10.0	290.0	1.0	.63	.29	.97	.27	.41	.17	4.10
W1501A	.030	--	12.0	470.0	5.8	.47	.41	1.02	.26	.66	<.10	14.88
W1502A	.040	--	10.0	50.8	7.5	.74	.19	.79	.30	.43	.52	6.90
W1503A	.030	--	4.1	130.0	13.6	.71	.23	1.06	.31	.43	.66	6.54
W1504A	.060	--	13.0	130.0	7.8	.79	.24	.63	.29	.49	.28	9.39
W1505A	.040	--	12.0	160.0	6.6	.50	.15	.68	.28	.58	.33	5.37
W1506A	.060	--	13.0	150.0	14.1	.57	.41	1.35	.30	.41	.40	5.27
W1507A	.030	--	6.2	100.0	29.0	.67	.20	.60	.29	.20	.26	4.80
W1508A	.100	--	7.7	340.0	65.8	.84	.25	1.66	.31	.25	.15	7.02
W1510A	.070	--	2.4	280.0	6.2	.50	.27	1.02	.44	1.46	.31	7.42
W1511A	.020	--	3.9	100.0	3.6	.50	.22	.97	.43	1.65	1.23	7.91
W1512A	.020	--	3.9	370.0	5.7	.60	.15	1.27	.42	1.66	.97	6.72
W1513A	.150	--	3.8	160.0	11.1	.50	.13	1.53	.44	1.03	.86	4.32
W1514A	.030	--	4.7	22.2	4.3	.70	.17	.89	.46	1.12	.44	9.59
W1515A	.030	--	3.5	150.0	17.5	.60	.15	1.25	.42	1.50	.63	5.96
W1516A	.040	--	5.8	170.0	26.4	.40	.23	3.42	.45	1.03	.32	13.04
W1517A	.030	--	6.0	420.0	27.3	.40	.20	1.59	.38	.93	.46	3.14
W1518A	.070	--	5.9	330.0	120.0	.50	.18	.83	.37	.78	.39	3.98

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Cond uS	pH	T deg C	DGC mg/L
W1478A	95.0	7.14	12.0	7
W1479A	28.6	6.90	10.0	6
W1480A	36.0	6.76	11.0	7
W1481A	26.2	6.38	9.0	6
W1482A	24.1	6.38	10.0	6
W1483A	48.0	7.43	10.5	4
W1484A	40.0	7.20	12.0	5
W1485A	48.0	7.76	12.0	4
W1485A	120.0	7.48	11.0	4
W1487A	35.5	7.37	13.0	13
W1488A	22.4	6.93	12.5	5
W1489A	35.4	6.04	11.5	19
W1491A	240.0	7.75	10.5	5
W1492A	116.0	7.65	6.0	2
W1493A	29.0	7.30	10.5	10
W1494A	54.0	7.63	10.0	3
W1495A	51.0	7.68	11.5	3
W1496A	48.0	7.28	11.0	4
W1497A	36.1	7.51	9.5	2
W1498A	23.4	6.77	13.0	9
W1499A	16.5	6.28	14.5	9
W1499C	24.0	5.48	17.0	--
W1500A	24.7	7.09	11.5	8
W1501A	37.5	6.27	9.0	14
W1502A	42.0	6.94	7.5	5
W1503A	36.5	7.07	10.5	7
W1504A	31.3	6.56	9.5	21
W1505A	36.0	6.98	8.0	9
W1506A	50.5	7.08	9.0	9
W1507A	34.6	6.62	10.0	7
W1508A	32.3	6.76	9.5	12
W1510A	33.5	6.77	3.0	9
W1511A	37.5	6.97	3.5	10
W1512A	36.0	6.72	4.0	10
W1513A	47.0	7.23	4.0	7
W1514A	33.2	6.92	6.5	7
W1515A	33.6	6.90	4.5	7
W1516A	86.0	6.67	3.0	10
W1517A	64.0	7.37	4.0	6
W1518A	40.0	6.91	5.0	7

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Latitude	Longitude	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	Sr ug/L	HCO3 mg/L	H2CO3 mg L	SO4 mg/L	Cl mg/L
W1519A	45 34 33	70 32 42	11.10	1.65	1.54	.20	35.85	29.00	--	10.00	.550
W1520A	45 34 42	70 33 5	8.70	1.40	1.66	.36	32.05	29.00	--	2.90	.520
W1521A	45 34 51	70 14 39	6.65	1.55	2.43	.09	30.90	5.80	--	11.00	7.300
W1522A	45 34 37	70 14 15	5.35	1.45	2.78	.15	24.25	8.90	--	6.40	7.300
W1523A	45 34 34	70 14 15	5.15	1.15	1.76	.38	24.60	8.90	--	6.90	.880
W1524A	45 33 43	70 14 5	4.80	1.10	1.68	.22	23.80	2.70	--	9.30	1.300
W1525A	45 33 41	70 13 37	5.25	1.35	1.65	.25	26.60	5.20	--	14.00	1.300
W1526A	45 33 33	70 13 7	4.60	1.15	1.48	.07	21.50	2.20	--	8.90	1.700
W1527A	45 33 37	70 12 56	4.85	1.15	1.31	.06	22.70	3.40	--	11.00	1.400
W1528A	45 33 13	70 11 4	4.95	.95	1.69	.30	22.30	7.80	--	6.80	1.300
W1529A	45 33 6	70 10 41	5.00	.90	1.63	.11	26.15	6.90	--	6.20	.730
W1530A	45 32 56	70 10 35	5.55	.95	1.51	.36	23.30	12.00	--	6.60	.920
W1531A	45 32 52	70 18 42	4.25	1.20	1.61	.13	26.30	8.60	--	2.90	.970
W1532A	45 32 45	70 19 3	6.65	1.60	1.57	.35	35.95	21.00	--	6.30	.680
W1533A	45 32 41	70 19 51	5.70	1.90	2.00	.26	40.65	20.00	--	8.80	.720
W1534A	45 32 35	70 20 8	5.40	1.25	1.79	.20	40.15	17.00	--	6.90	.730
W1535A	45 30 42	70 13 36	4.85	.90	1.61	.38	25.80	11.00	--	6.20	.880
W1536A	45 30 51	70 13 10	4.20	.85	1.37	.27	24.90	7.00	--	6.70	.700
W1537A	45 30 41	70 13 8	9.80	2.15	2.90	.52	51.70	44.00	--	5.10	.730
W1538A	45 30 43	70 12 54	2.90	.30	1.72	.27	22.90	4.80	--	6.80	.690
W1539A	45 30 53	70 12 15	5.75	.95	1.37	.34	27.75	10.00	--	7.70	1.200
W1540A	45 30 40	70 11 30	4.90	1.05	2.29	.29	31.00	16.00	--	5.20	.860
W1543A	45 30 21	70 21 6	3.55	.85	1.09	.12	19.50	9.70	--	3.50	.430
W1544A	45 30 24	70 21 8	3.30	.75	.82	.21	18.60	6.60	--	4.30	.620
W1545A	45 30 26	70 21 50	4.10	.85	.90	.39	19.25	9.50	--	3.10	.550
W1546A	45 30 25	70 22 15	3.85	1.10	.98	.11	17.05	1.80	--	2.60	1.100
W1547A	45 35 58	70 22 16	2.25	.80	1.10	.43	15.40	1.30	--	5.00	1.200
W1548A	45 35 34	70 21 24	9.20	2.30	3.01	.54	41.20	43.00	--	6.40	.550
W1549A	45 35 46	70 21 23	9.95	2.30	2.70	.33	42.75	43.00	--	5.80	.640
W1550A	45 36 17	70 20 30	6.50	1.80	2.72	.47	32.80	32.00	--	4.80	.750
W1551A	45 30 51	70 19 25	6.15	1.25	2.02	.28	34.70	21.00	--	3.60	.690
W1552A	45 31 13	70 20 23	7.15	1.45	1.84	.29	48.35	25.00	--	5.90	.730
W1553A	45 31 28	70 20 50	9.75	2.30	3.60	.29	57.95	36.00	--	5.60	.520
W1554A	45 31 32	70 21 34	6.30	1.15	1.44	.24	36.70	18.00	--	6.00	.400
W1555A	45 30 22	70 19 26	4.65	1.05	1.84	.13	33.00	16.00	--	3.70	.460
W1556A	45 32 54	70 9 23	9.60	1.85	2.60	.52	43.55	34.00	--	6.40	.890
W1557A	45 32 44	70 10 1	3.65	.55	1.05	.19	24.85	4.80	--	6.20	.520
W1558A	45 32 39	70 10 15	4.10	.70	1.54	.44	28.85	9.50	--	5.40	.460
W1559A	45 32 37	70 10 36	5.35	1.15	1.82	.45	28.65	16.00	--	6.00	.700
W1560A	45 32 52	70 9 46	6.20	1.25	2.01	.45	34.70	22.00	--	5.00	.760

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Cond us	pH	T deg C	DOC mg/L
W1519A	73.5	7.35	4.5	6
W1520A	57.0	7.53	6.0	5
W1521A	62.0	6.79	6.0	8
W1522A	55.0	5.87	6.0	10
W1523A	41.5	6.80	5.0	9
W1524A	41.5	6.12	5.5	10
W1525A	47.0	6.52	5.0	9
W1526A	41.0	5.67	5.0	12
W1527A	41.1	5.77	5.5	10
W1528A	36.0	6.69	3.5	8
W1529A	35.0	6.54	5.0	8
W1530A	42.0	6.73	5.0	6
W1531A	33.8	5.61	5.0	20
W1532A	56.0	7.50	6.5	4
W1533A	55.5	7.20	5.0	5
W1534A	48.0	7.11	4.5	4
W1535A	38.0	6.75	4.0	10
W1536A	36.0	6.69	5.0	7
W1537A	83.0	7.72	5.0	4
W1538A	31.0	6.33	6.0	8
W1539A	44.5	6.74	4.5	9
W1540A	45.0	7.14	5.0	9
W1543A	29.5	6.36	14.0	7
W1544A	26.5	6.27	14.0	6
W1545A	31.0	6.70	11.0	8
W1546A	35.0	4.84	8.0	28
W1547A	29.7	5.04	9.5	12
W1548A	64.0	7.63	10.0	4
W1549A	65.0	7.48	10.0	4
W1550A	63.0	7.80	9.0	3
W1551A	47.0	7.22	8.5	10
W1552A	56.0	7.47	6.0	3
W1553A	78.0	7.32	8.0	4
W1554A	49.0	7.14	17.5	4
W1555A	39.0	7.02	16.0	7
W1556A	79.5	7.80	10.0	3
W1557A	31.0	6.65	8.0	4
W1558A	36.0	6.83	10.0	4
W1559A	48.3	7.05	8.5	--
W1560A	52.5	7.39	12.0	4

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	F mg/L	NO3 mg/L	SiO2 mg/L	SiO2 mg/L	Mn ug/L	As ug/L	Co ug/L	Cu ug/L	Mo ug/L	Ni ug/L	Pb ug/L	Zn ug/L
W1519A	.040	--	4.8	130.0	20.3	.40	.18	2.75	.41	.74	.20	3.42
W1520A	.140	--	3.4	320.0	39.5	.40	.19	1.91	.39	.65	.11	2.64
W1521A	.180	--	6.6	120.0	21.3	.50	.11	1.55	.38	.85	<.10	18.10
W1522A	.040	--	6.5	240.0	21.1	.60	.21	1.23	.37	1.05	.60	13.66
W1523A	.060	--	6.4	190.0	7.3	.80	.26	.97	.53	.86	.57	5.10
W1524A	.050	--	8.2	119.4	16.3	.60	.20	6.80	.58	.96	<.10	9.19
W1525A	.050	--	8.1	43.8	27.9	.70	.17	1.14	.43	1.04	.40	7.99
W1526A	.060	--	8.4	100.0	26.9	.60	.24	.82	.39	1.04	.38	9.31
W1527A	.020	--	7.5	120.0	12.4	.60	.17	.81	.38	.84	.67	9.18
W1528A	.070	--	6.7	190.0	4.4	.50	.17	.86	.53	.75	.83	9.21
W1529A	.050	--	7.2	190.0	14.8	.60	.16	.78	.42	.72	.27	8.99
W1530A	.240	--	8.3	930.0	120.0	1.00	.42	.75	1.00	.71	.41	10.25
W1531A	.070	--	10.0	510.0	51.5	1.10	.24	.34	.39	1.39	1.08	9.85
W1532A	.070	--	11.0	14.6	7.1	1.00	.28	1.01	.35	.44	.59	2.42
W1533A	.080	--	12.0	90.0	4.6	1.00	.22	.70	.36	1.17	.15	5.24
W1534A	.070	--	10.0	190.0	4.0	.70	.12	.63	.33	.47	.33	4.14
W1535A	.050	--	8.5	200.0	16.0	.90	.19	2.69	.57	.70	.26	8.40
W1536A	.020	--	7.7	60.5	3.9	.60	.26	4.26	.45	.60	.75	9.82
W1537A	.240	--	16.0	103.0	16.3	.40	.13	.69	1.53	.56	.74	3.56
W1538A	.060	--	13.0	43.7	7.1	.50	.20	1.28	.37	.61	.82	4.92
W1539A	.070	--	7.4	200.0	5.0	.80	.15	2.79	.46	.83	<.10	6.22
W1540A	.070	--	13.0	220.0	100.0	.60	.17	.67	.71	.61	.41	3.15
W1543A	.050	--	2.2	110.0	5.4	.70	.16	.34	.50	.59	.26	8.84
W1544A	.020	--	2.4	140.0	14.3	.50	.14	.24	.35	.54	.29	8.09
W1545A	.050	--	2.5	260.0	14.3	.60	.13	.47	.36	.92	.10	6.23
W1546A	.020	--	6.0	460.0	34.4	.70	.28	.62	.29	2.63	1.20	18.70
W1547A	.160	--	6.7	440.0	120.0	.50	.57	.33	.31	2.23	.33	12.12
W1548A	.050	--	11.0	3.6	9.9	.50	.16	.86	.44	.41	.35	7.05
W1549A	.070	--	11.0	120.0	2.6	.50	.21	.78	.46	.60	.57	4.05
W1550A	.070	--	15.0	140.0	29.8	.40	.12	.47	.35	.51	.20	3.76
W1551A	.070	--	13.0	260.0	3.5	.60	.10	.51	.32	.48	.38	8.02
W1552A	.070	--	11.0	130.0	1.8	.30	.21	.61	.28	.42	.26	6.45
W1553A	.140	--	12.0	240.0	31.5	.30	.15	.34	.32	.89	.26	6.02
W1554A	.040	--	3.9	110.0	5.8	.70	.19	1.13	.55	.26	.12	4.86
W1555A	.060	--	5.9	120.0	5.6	.60	.10	.45	.30	.31	.62	6.52
W1556A	.200	--	8.4	90.0	1.0	.50	.10	1.20	1.77	.40	.53	11.06
W1557A	.040	--	6.3	80.0	.9	.50	.12	.31	.33	.36	.20	6.96
W1558A	.100	--	8.6	130.0	8.8	.70	.16	.58	.33	.32	.47	5.86
W1559A	.100	--	9.4	52.8	22.8	.60	.13	.58	.92	.53	.27	5.91
W1560A	.100	--	7.0	210.0	23.3	.80	.19	.97	.85	.53	.33	6.02

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Latitude	Longitude	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	Sr ug/L	HCO3 mg/L	H2CO3 mg L	S04 mg/L	Cl mg/L
W1561A	45 35 8	70 9 20	4.65	.95	1.51	.38	35.05	11.00	--	7.30	.700
W1597A	45 29 47	70 11 56	8.00	2.00	3.00	1.30	44.00	32.00	2.8531	3.70	.750
W1599A	45 39 30	70 29 48	3.80	1.20	.70	.17	34.00	10.00	2.8531	4.80	.300
W1600A	45 39 47	70 29 21	3.50	1.20	.68	.18	29.00	8.42	3.2253	5.20	.200
W1601A	45 40 7	70 27 49	3.30	1.20	.72	.20	31.00	11.00	6.0164	3.80	.200
W1602A	45 40 5	70 27 50	2.80	2.50	.98	.47	38.00	11.10	4.7759	6.30	.400
W1604A	45 37 23	70 26 46	5.60	1.80	1.30	.39	31.00	20.30	2.8531	6.00	.400
W1605A	45 38 23	70 19 25	4.20	2.20	1.00	.44	44.00	22.90	3.3494	3.00	.100
W1606A	45 30 49	70 18 31	4.20	1.00	.99	.34	25.00	12.00	4.2177	6.70	.200
W1607A	45 40 23	70 24 0	3.60	1.20	.73	.22	18.00	9.64	4.4658	6.90	.300
W1608A	45 40 20	70 22 53	31.00	11.00	2.40	.35	180.00	149.00	--	7.20	.300
W1609A	45 40 18	70 22 53	4.20	1.50	.79	.08	24.00	6.71	6.8227	8.00	.500
W1610A	45 35 34	70 14 58	4.10	1.00	1.10	.15	24.00	12.00	7.4430	2.50	.300
W1611A	45 35 10	70 15 26	4.10	1.10	1.40	.35	23.00	11.80	6.8227	5.30	.400
W1612A	45 28 56	70 15 49	3.70	.70	1.40	.23	26.00	10.40	4.9020	4.40	.500
W1613A	45 28 38	70 15 46	3.80	.70	1.30	.22	28.00	10.00	5.3342	5.20	.300
W1614A	45 28 41	70 23 51	2.80	.50	.76	.25	19.00	5.00	4.2177	6.70	.400
W1615A	45 28 43	70 23 55	2.70	.50	.97	.20	19.00	7.08	3.1012	5.20	.300
W1616A	45 28 39	70 23 57	2.60	.60	1.00	.21	19.00	6.47	2.4810	5.60	.300
W1617A	45 29 17	70 11 14	4.70	.50	1.40	.22	26.00	13.00	4.3418	4.40	.400
W1618A	45 28 45	70 13 42	3.20	.80	1.40	.24	28.00	9.27	6.8227	2.80	.200
W1619A	45 29 37	70 13 10	4.70	1.00	1.70	.36	31.00	13.30	4.2177	5.40	.300
W1620A	45 38 2	70 8 13	5.80	1.40	2.80	.43	32.00	16.50	2.7291	5.20	.500
W1621A	45 29 52	70 15 19	2.70	.60	1.00	.13	23.00	5.73	6.2025	2.60	.500
W1622A	45 29 57	70 15 18	3.10	.80	1.20	.19	26.00	9.03	6.8227	2.90	.400
W1623A	45 29 52	70 15 4	2.50	.70	1.10	.12	27.00	3.78	13.0252	4.10	.400
W1624A	45 29 24	70 17 27	3.60	1.20	1.60	.26	33.00	9.03	6.0164	5.20	.600
W1625A	45 24 16	70 21 50	5.30	.90	1.30	.33	30.00	16.60	2.8531	6.30	.700
W1626A	45 24 31	70 21 37	7.90	1.30	1.40	.21	31.00	22.20	3.5975	6.80	.500
W1627A	45 24 4	70 21 36	19.00	2.10	1.70	.31	110.00	63.10	2.4810	9.80	.600
W1628A	45 24 41	70 20 35	16.00	1.60	1.40	.32	52.00	58.30	2.2329	4.10	.600
W1629A	45 26 14	70 14 9	8.60	.60	1.20	.25	51.00	24.20	2.6051	6.80	.500
W1630A	45 25 44	70 14 5	5.90	.60	1.20	.23	37.00	17.30	2.6671	6.60	.500
W1631A	45 26 7	70 15 26	7.20	1.00	1.40	.33	46.00	24.00	2.7291	6.00	.400
W1632A	45 26 6	70 16 0	8.80	1.30	1.70	.33	45.00	33.40	--	6.00	.600
W1633A	45 26 0	70 16 36	6.10	.90	1.40	.24	34.00	19.30	2.9772	6.40	.500
W1634A	45 30 8	70 21 32	4.60	.70	.97	.20	31.00	11.60	2.4810	6.60	.500
W1635A	45 30 8	70 21 32	4.60	.80	1.10	.23	31.00	12.70	3.3494	6.70	.400
W1636A	45 30 11	70 21 39	6.30	.90	1.20	.25	42.00	17.30	3.2253	5.50	.300
W1637A	45 30 16	70 21 43	5.80	.60	.99	.06	37.00	15.10	3.2253	6.60	.300

Table 2.---Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine---continued

Sample	F mg/L	NO3 mg/L	SiO2 mg/L	Fe ug/L	Mn ug/L	As ug/L	Co ug/L	Cu ug/L	Mo ug/L	Ni ug/L	Pb ug/L	Zn ug/L
W1561A	.040	--	7.5	110.0	2.0	.70	.17	.53	.32	.60	.23	12.53
W1577A	.050	.30	13.0	290.0	250.0	.70	.10	.80	1.50	.80	.50	16.00
W1599A	.080	<.10	1.0	170.0	32.0	.60	.30	1.90	.10	3.20	.30	11.00
W1600A	.040	<.10	2.0	110.0	23.0	.60	.20	1.40	.20	2.10	.30	11.00
W1601A	.060	<.10	2.0	160.0	15.0	.60	.20	.80	.10	1.40	.40	9.50
W1602A	.100	<.10	4.0	220.0	19.0	.30	.20	1.30	.10	2.40	.40	12.00
W1604A	.090	<.10	3.0	50.0	3.3	1.30	.30	.70	.70	.90	.20	3.60
W1605A	.070	<.10	2.0	170.0	190.0	.30	.30	.80	.10	3.00	.50	8.30
W1606A	<.010	<.10	3.0	3.6	1.4	.30	.20	1.10	.10	7.70	.60	7.70
W1607A	.030	<.10	2.0	20.0	4.3	.40	.20	.10	.30	1.90	.60	8.20
W1608A	.140	<.10	4.0	5.6	50.0	1.80	.30	.70	1.20	1.20	.50	3.50
W1609A	.060	<.10	2.0	98.0	7.5	.20	.20	.70	.40	2.10	.60	12.00
W1610A	.100	<.10	2.0	180.0	18.0	<.10	.10	.30	.40	1.40	.70	5.50
W1611A	.090	<.10	3.0	210.0	37.0	.10	.30	.70	.40	4.70	.30	4.90
W1612A	.060	<.10	3.0	110.0	2.8	.60	.30	.50	.30	.80	.30	5.80
W1613A	.070	<.10	3.0	140.0	8.1	.50	.20	.60	.40	.40	.30	6.00
W1614A	.070	.70	3.0	35.0	8.8	.10	.10	.80	.30	.80	.40	9.40
W1615A	.050	<.10	2.0	180.0	190.0	.10	.40	1.50	.20	.60	.40	8.00
W1616A	.050	<.10	2.0	120.0	30.0	.30	.70	.50	.60	.70	.50	6.70
W1617A	.070	<.10	4.0	70.0	1.9	.30	.20	.40	.50	.50	.30	6.90
W1618A	.060	<.10	5.0	220.0	13.0	.20	.20	.60	.40	.60	.50	16.00
W1619A	.060	<.10	5.0	73.0	16.0	.10	.20	.80	.40	.50	.20	3.30
W1620A	.060	<.10	3.0	7.0	2.0	.10	.30	.90	.20	1.10	.10	8.10
W1621A	.050	<.10	2.0	240.0	13.0	.30	.30	.40	.30	.80	.40	12.00
W1622A	.050	<.10	1.0	170.0	5.0	.20	.20	.70	.30	.50	.40	6.50
W1623A	.060	<.10	3.0	280.0	16.0	.20	.40	.60	.60	1.20	.50	16.00
W1624A	.050	<.10	5.0	280.0	16.0	.30	.30	.70	.60	1.50	.40	12.00
W1625A	.050	<.10	2.0	57.0	7.0	.30	.20	.80	.50	.30	.40	4.50
W1626A	.040	<.10	2.0	78.0	11.0	.10	.20	.70	.60	.50	.30	5.30
W1627A	.030	<.10	2.0	3.1	3.4	.10	.10	1.10	.50	.50	.40	3.70
W1628A	.030	<.10	1.0	35.0	19.0	.30	.10	.70	.50	.40	.30	4.00
W1629A	.120	<.10	2.0	3.5	.6	.20	.20	.30	.50	.30	.40	6.90
W1630A	.030	<.10	2.0	15.0	1.6	.20	.10	.80	.40	.60	.60	6.40
W1631A	.020	<.10	2.0	35.0	6.6	.10	.10	.50	1.40	.30	.50	5.20
W1632A	.020	<.10	4.0	.3	.2	.10	.20	.60	.90	.20	.70	4.50
W1633A	.040	<.10	4.0	5.5	.8	.10	1.00	.50	.60	.40	.70	3.20
W1634A	<.010	<.10	3.0	120.0	24.0	.30	.30	1.00	.70	.40	.80	7.00
W1635A	.050	<.10	3.0	.4	.4	.30	.20	.80	.40	.40	.90	4.90
W1636A	.050	<.10	3.0	26.0	9.5	.30	.30	.40	.60	.40	.70	4.10
W1637A	.050	<.10	2.0	1.2	.1	.40	.20	1.10	.40	1.00	.80	2.20

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Cond us	pH	T deg C	DOC mg/L
W1561A	41.3	7.00	11.0	4
W1597A	73.0	6.95	10.5	7
W1599A	25.0	6.50	10.5	--
W1600A	26.0	6.21	10.5	--
W1601A	24.0	6.43	11.5	12
W1602A	30.0	6.35	10.0	--
W1604A	38.0	7.02	9.0	12
W1605A	36.0	6.97	8.0	7
W1606A	31.0	6.35	11.0	13
W1607A	28.0	6.58	9.0	10
W1608A	240.0	3.00	5.5	41
W1609A	31.0	5.76	9.0	20
W1610A	24.0	6.43	12.0	24
W1611A	33.0	6.32	11.0	16
W1612A	27.0	6.31	11.5	12
W1613A	28.0	6.05	10.0	13
W1614A	25.0	6.15	10.5	6
W1615A	23.0	6.08	11.5	6
W1616A	23.0	6.33	12.0	5
W1617A	29.0	6.30	9.5	10
W1618A	23.0	6.07	10.0	16
W1619A	33.0	6.81	10.0	10
W1620A	59.0	6.89	8.5	7
W1621A	21.0	5.37	10.5	16
W1622A	23.0	6.08	11.0	15
W1623A	25.0	5.11	8.0	19
W1624A	35.0	5.71	9.0	17
W1625A	34.0	7.19	12.5	7
W1626A	48.0	6.84	12.0	11
W1627A	47.0	7.38	10.0	5
W1628A	79.0	7.24	14.0	7
W1629A	43.0	6.90	12.0	5
W1630A	35.0	6.65	12.5	6
W1631A	42.0	7.13	14.5	6
W1632A	43.0	6.96	8.0	7
W1633A	37.0	7.23	11.0	7
W1634A	33.0	6.68	8.5	5
W1635A	33.0	6.09	5.5	4
W1636A	38.0	6.40	8.5	8
W1637A	34.0	6.81	9.0	5

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Latitude	Longitude	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	Sr ug/L	HCO ₃ mg/L	H ₂ CO ₃ mg L	S04 mg/L	Cl mg/L
W1638A	45 30 43	70 22 22	3.30	.50	.95	.15	22.00	6.47	2.9772	1.80	.400
W1639A	45 31 4	70 22 33	5.50	1.10	1.00	.37	35.00	22.90	--	6.20	.200
W1640A	45 31 4	70 22 35	6.00	1.10	1.70	.31	40.00	21.00	2.7291	3.20	.200
W1641A	45 31 36	70 22 22	5.30	.90	1.10	.09	33.00	20.60	8.0632	6.00	.300
W1642A	45 26 20	70 12 25	6.10	.80	1.50	.21	34.00	18.80	2.0468	3.10	.400
W1643A	45 26 23	70 12 24	6.40	.80	1.40	.24	37.00	21.70	3.2253	4.60	.300
W1644A	45 26 43	70 12 57	6.70	.70	1.70	.20	40.00	21.70	2.2949	4.40	.200
W1645A	45 26 54	70 12 38	8.70	.50	1.30	.25	43.00	24.90	2.8531	4.50	.300
W1646A	45 27 24	70 12 8	4.50	.30	1.10	.12	25.00	9.76	3.4734	4.20	.200
W1647A	45 27 37	70 11 53	7.40	.50	1.10	.36	40.00	23.20	2.6051	1.70	.200
W1648A	45 27 16	70 12 0	5.10	.40	1.10	.17	28.00	18.40	2.6051	5.90	.400
W1649A	45 26 43	70 11 35	5.10	.50	1.20	.18	30.00	16.40	3.4734	1.80	.400
W1650A	45 24 51	70 20 46	9.50	.60	.84	.56	38.00	27.90	3.6595	5.70	.500
W1651A	45 24 28	70 19 27	4.60	.60	1.20	.16	25.00	11.50	2.6671	7.70	.500
W1652A	45 26 1	70 19 18	5.80	.80	1.30	.37	33.00	16.80	3.2253	8.60	.300
W1653A	45 31 3	70 24 19	2.80	.50	1.00	.26	21.00	5.49	3.7215	7.30	.300
W1654A	45 31 15	70 24 59	3.60	.90	1.30	.41	26.00	10.70	3.5975	7.00	.200
W1655A	45 31 20	70 24 49	2.90	.70	1.10	.25	22.00	6.15	3.1012	6.80	.500
W1656A	45 39 23	70 25 53	3.90	1.20	.87	.23	23.00	5.96	6.2025	6.20	.400
W1657A	45 39 20	70 25 36	4.00	1.40	.91	.24	23.00	8.54	6.2025	6.60	.700
W1658A	45 39 32	70 25 11	6.50	1.20	.84	.31	17.00	18.30	4.1557	8.60	.300
W1659A	45 34 54	70 21 45	4.90	1.10	1.10	.41	32.00	14.20	4.2177	8.00	.500
W1660A	45 34 58	70 21 31	4.10	1.00	1.50	.38	20.00	15.70	4.2797	4.10	.500
W1661A	45 35 7	70 21 22	4.30	1.00	1.30	.29	23.00	13.40	3.3494	5.90	.300
W1662A	45 35 10	70 22 13	2.10	.50	1.10	.62	16.00	<.10	21.0885	7.40	.400
W1663A	45 35 21	70 23 11	2.70	.70	.99	.32	22.00	4.15	3.9076	6.00	.700
W1664A	45 35 8	70 23 12	4.80	1.30	1.20	.42	32.00	12.40	5.9544	5.90	.500
W1665A	45 34 53	70 23 18	4.30	1.00	1.20	.24	29.00	7.12	5.2101	7.50	.400
W1666A	45 34 38	70 22 48	13.00	1.50	1.40	.36	75.00	43.40	3.1012	8.50	.500
W1667A	45 33 7	70 35 23	3.50	.70	.81	.07	19.00	<.10	22.3290	2.90	.200
W1668A	45 32 22	70 34 33	4.20	1.00	.79	.21	47.00	10.50	3.4734	3.60	.400
W1669A	45 32 24	70 35 3	6.30	1.30	.78	.03	28.00	10.30	11.1645	1.30	.300
W1670A	45 32 4	70 35 41	4.00	.80	.98	.09	20.00	11.70	2.7291	6.10	.200
W1671A	45 32 17	70 36 9	3.70	.80	.79	.02	26.00	9.03	4.2177	4.20	.200
W1672A	45 32 18	70 36 29	4.10	1.10	1.10	.10	19.00	13.90	2.4810	5.10	.100
W1673A	45 32 30	70 36 45	3.20	.50	.71	.16	26.00	7.32	5.4582	4.90	.300
W1674A	45 32 39	70 36 45	2.80	.70	.82	.07	19.00	6.33	3.1012	4.90	.100
W1675A	45 33 8	70 33 56	7.80	2.00	1.60	.36	18.00	34.00	2.4810	6.10	.200
W1676A	45 33 40	70 33 30	4.10	1.00	1.00	.22	35.00	12.20	4.9620	3.30	.200
W1677A	45 33 50	70 33 17	6.80	1.30	1.00	.06	3.90	15.90	4.5278	4.20	.100

Table 2.---Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine---continued

Sample	F mg/L	N03 mg/L	Si02 mg/L	Fe ug/L	Mn ug/L	As ug/L	Co ug/L	Cu ug/L	Mo ug/L	Ni ug/L	Pb ug/L	Zn ug/L
W1638A	.09U	<.10	2.0	2.7	.3	.40	.10	1.10	.40	.30	1.00	3.70
W1639A	.08G	<.10	<.1	200.0	92.0	.30	.20	.60	.40	.80	1.00	2.90
W1640A	.06U	<.10	2.0	1.0	.6	.20	.20	.90	1.10	.30	.30	2.10
W1641A	.08U	<.10	2.0	<.1	.6	.20	.20	.60	.90	.20	.40	2.90
W1642A	.09U	1.30	3.0	14.0	1.2	.20	.30	.90	.80	.50	.30	2.70
W1643A	.07U	<.10	3.0	18.0	5.0	.20	.20	.60	.70	.30	.40	2.40
W1644A	.04U	<.10	3.0	<.1	.8	.30	.20	.50	.60	.20	.20	2.50
W1645A	.05U	<.10	2.0	9.5	2.5	.10	.20	.70	.50	.20	.40	3.00
W1646A	.05U	<.10	3.0	11.0	.8	<.10	.10	.70	.50	.40	.40	5.40
W1647A	.08U	.20	2.0	150.0	94.0	.20	.20	1.10	.40	.80	.70	4.30
W1648A	.08U	.10	3.0	7.7	3.1	.10	.10	1.30	.40	.40	.40	2.70
W1649A	.04C	.20	2.0	11.0	1.2	.30	.20	.50	.30	.20	.50	2.10
W1650A	.06U	.10	1.0	24.0	1.0	.30	.10	.50	.30	.50	.40	4.50
W1651A	.07U	<.10	1.0	37.0	5.5	.10	.10	.50	.30	.30	.50	7.00
W1652A	.08U	<.10	2.0	86.0	23.0	.10	.20	.70	.30	.30	.50	3.20
W1653A	.07U	1.30	2.0	2.0	.9	.20	.10	.70	.30	.50	.70	5.40
W1654A	.03U	.40	3.0	6.9	1.6	.20	.10	.30	.30	.60	.60	4.20
W1655A	.06U	.20	3.0	35.0	7.9	.10	.20	.50	.20	3.50	.70	4.20
W1656A	.06U	<.10	2.0	39.0	6.0	.30	.50	.70	.20	1.40	.60	8.50
W1657A	.09U	<.10	2.0	39.0	9.0	.30	.20	.80	.40	1.30	.70	8.30
W1658A	.03U	<.10	3.0	10.0	2.1	.10	.30	.60	.20	1.00	.70	3.20
W1659A	.04U	<.10	4.0	32.0	16.0	.20	.30	.60	.30	.70	.80	4.10
W1660A	.14U	<.10	1.0	31.0	6.0	<.10	.10	.30	.20	.60	.80	3.90
W1661A	.09U	<.10	4.0	18.0	4.4	<.10	.10	.60	.20	.40	.60	2.20
W1662A	.10U	<.10	5.0	51.0	55.0	.70	.80	.50	.20	.80	.40	22.00
W1663A	.12U	<.10	3.0	34.0	37.0	.70	.20	.40	.10	.60	.20	3.90
W1664A	.13U	<.10	4.0	28.0	65.0	<.10	.10	.60	.10	2.50	.20	3.90
W1665A	.09U	<.10	3.0	41.0	22.0	.30	.10	.40	.10	.70	.10	4.80
W1666A	.07U	<.10	4.0	16.0	4.9	.40	.20	.50	.10	.20	.20	1.80
W1667A	.13U	<.10	2.0	45.0	37.0	.40	.10	.60	.20	1.80	1.00	12.00
W1668A	.08U	<.10	1.0	43.0	33.0	.50	.70	1.40	.20	.80	.40	4.10
W1669A	.06U	<.10	2.0	45.0	46.0	.70	<.10	.60	.20	5.00	.80	9.50
W1670A	.10U	<.10	3.0	8.8	1.4	.20	.40	.30	.30	.30	.30	3.00
W1671A	.11U	<.10	1.0	32.0	4.7	.20	.10	.70	.40	.90	.20	4.00
W1672A	.07U	<.10	2.0	18.0	5.7	.10	.10	.40	.20	.70	.30	2.80
W1673A	.08U	<.10	3.0	9.6	2.7	.10	.20	.20	.30	.30	.30	2.50
W1674A	.07U	<.10	3.0	32.0	12.0	.20	.20	.40	.50	1.10	.30	4.10
W1675A	.07U	<.10	3.0	9.1	4.5	.30	.30	.50	.10	.70	.30	2.60
W1676A	.03U	<.10	5.0	40.0	28.0	.20	.30	1.10	.20	1.20	.20	6.00
W1677A	.08U	<.10	2.0	43.0	40.0	.60	.20	.80	.20	7.20	.40	6.60

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Cond uS	pH	T deg C	DOC mg/L
W1638A	25.0	6.52	8.0	4
W1639A	30.0	6.61	12.0	7
W1640A	44.0	7.15	9.0	4
W1641A	36.0	6.78	9.0	6
W1642A	40.0	7.30	8.5	4
W1643A	41.0	7.30	8.0	4
W1644A	42.0	7.20	8.0	2
W1645A	46.0	7.30	12.0	5
W1646A	28.0	6.10	7.0	6
W1647A	40.0	5.70	9.0	7
W1648A	32.0	6.59	9.0	4
W1649A	32.0	7.10	10.0	5
W1650A	50.0	7.17	8.0	9
W1651A	31.0	6.64	11.5	7
W1652A	39.0	6.84	9.5	6
W1653A	25.0	6.58	6.5	5
W1654A	30.0	6.67	7.5	4
W1655A	25.0	6.69	7.0	4
W1656A	29.0	6.04	7.0	14
W1657A	32.0	6.01	6.0	15
W1658A	44.0	7.11	8.0	6
W1659A	40.0	6.75	5.5	7
W1660A	32.0	6.81	7.5	7
W1661A	34.0	6.79	7.0	6
W1662A	43.0	4.20	7.0	17
W1663A	25.0	5.80	6.5	7
W1664A	36.0	6.29	5.5	11
W1665A	32.0	5.83	5.5	11
W1666A	100.0	7.28	7.0	2
W1667A	44.0	4.19	7.0	33
W1668A	30.0	6.38	8.0	11
W1669A	32.0	5.44	8.0	31
W1670A	31.0	6.43	8.0	<1
W1671A	24.0	6.44	9.0	11
W1672A	29.0	6.50	8.0	5
W1673A	24.0	6.43	9.0	3
W1674A	23.0	6.37	8.5	6
W1675A	57.0	6.99	8.0	4
W1676A	26.0	6.34	12.0	14
W1677A	37.0	6.38	15.0	20

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Latitude	Longitude	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	Sr ug/L	HCO3 mg/L	H2CO3 mg L	SO4 mg/L	Cl mg/L
W1678A	45 33 51	70 33 5	5.30	1.40	1.30	.25	2.70	15.70	3.7215	5.60	.200
W1579A	45 34 4	70 32 11	4.40	1.00	1.10	.08	29.00	17.60	2.8531	4.70	.300
W1680A	45 28 21	70 13 24	3.60	.60	1.20	.23	31.00	9.52	4.0316	4.00	.300
W1681A	45 27 25	70 14 47	5.50	1.10	1.60	.31	41.00	16.10	4.4658	6.50	.300
W1682A	45 25 46	70 20 26	23.00	1.60	1.20	.24	130.00	81.30	.9924	9.10	.500
W1683A	45 25 33	70 20 17	14.00	1.60	1.30	.26	68.00	48.20	2.7291	8.40	.400
W1584A	45 25 16	70 21 22	17.00	2.00	1.30	.30	100.00	63.90	1.9848	8.50	.500
W1685A	45 25 13	70 21 43	14.00	1.80	1.10	.28	65.00	46.10	2.2329	8.10	.400
W1686A	45 24 56	70 21 24	9.80	1.00	1.10	.40	33.00	30.90	1.1164	6.70	.400
W1687A	45 35 20	70 33 1	8.70	1.70	1.10	.17	38.00	24.30	4.2177	8.40	.400
W1688A	45 34 55	70 33 6	5.00	.80	.89	.09	27.00	11.70	4.4658	5.90	.500
W1689A	45 34 52	70 33 10	4.10	1.70	.94	.24	34.00	13.60	3.7215	6.20	.300
W1690A	45 34 49	70 34 24	3.80	1.70	.92	.25	32.00	13.50	2.7291	6.00	.300
W1691A	45 35 0	70 34 5	5.70	1.70	1.20	.30	34.00	15.40	3.5975	7.30	.400
W1692A	45 35 12	70 33 54	7.10	2.50	1.60	.33	45.00	27.80	2.8531	7.70	.400
W1693A	45 34 22	70 34 53	4.20	1.40	1.30	.28	30.00	9.83	4.7759	6.60	.300
W1694A	45 34 25	70 34 45	4.00	1.40	1.30	.23	29.00	11.00	4.5899	5.60	.400
W1595A	45 34 0	70 34 7	8.00	1.70	1.50	.28	40.00	30.60	2.6051	6.10	.300
W1696A	45 34 2	70 34 48	3.80	1.20	.99	.22	24.00	9.52	3.2253	7.40	.800
W1697A	45 33 37	70 34 36	3.90	1.00	.89	.31	24.00	8.54	4.7139	4.20	.400
W1598A	45 33 14	70 24 41	7.50	1.10	1.20	.27	39.00	23.60	2.4810	7.10	.500
W1599A	45 36 2	70 25 36	5.70	1.40	1.10	.65	28.00	12.40	6.2025	5.60	.800
W1701A	45 39 34	70 23 8	6.50	2.00	.84	.12	31.00	18.30	2.9772	7.40	.600
W1702A	45 39 25	70 23 3	13.00	2.10	.82	.13	44.00	37.20	2.0468	10.00	.600
W1703A	45 31 41	70 19 30	5.60	1.60	2.00	.31	45.00	27.60	2.5430	4.30	.600
W1714A	45 32 30	70 22 30	2.50	.60	1.50	.29	16.00	5.10	3.2000	1.00	.310
W1715A	45 32 16	70 22 6	5.40	.94	1.20	.24	30.00	18.00	5.6000	3.10	.380
W1716A	45 34 21	70 35 50	5.20	1.40	1.30	.26	39.00	12.00	4.8000	8.00	2.600
W1717A	45 33 56	70 36 34	11.00	1.60	1.80	.42	78.00	47.00	13.0000	5.40	.330
W1718A	45 33 34	70 36 50	5.70	1.60	1.20	.26	33.00	22.00	7.2000	5.90	.230
W1719A	45 26 50	70 20 46	9.50	1.90	1.30	.21	26.00	19.00	6.8000	5.00	.920
W1720A	45 31 33	70 7 51	4.50	1.10	1.50	.69	23.00	10.00	3.6000	4.20	11.000
W1721A	45 31 35	70 8 31	7.60	1.10	.80	.22	36.00	20.00	6.0000	7.30	4.100
W1722A	45 31 32	70 8 28	3.70	.84	1.10	.72	21.00	6.30	2.4000	4.20	2.700
W1725A	45 31 39	70 9 9	11.00	1.30	1.40	.34	43.00	37.00	8.0000	5.80	3.500
W1726A	45 27 3	70 19 41	5.00	.97	1.60	.12	20.00	16.00	5.3000	5.40	1.900
W1727A	45 27 5	70 19 50	5.40	1.20	2.10	.23	21.00	21.00	7.2000	6.40	3.300
W1728A	45 28 24	70 26 56	3.60	.58	.90	.23	20.00	7.30	2.8000	5.40	2.000
W1729A	45 28 55	70 26 58	2.30	.50	.80	.21	14.00	3.70	1.6000	5.80	1.900
W1731A	45 30 37	70 9 24	3.10	.47	.90	.39	17.00	2.50	1.2000	5.40	2.400

Table 2.--Analytical results for water samples from sites draining the Attean quartz Monzonite and vicinity, Maine---continued

Sample	F mg/L	NO3 mg/L	SiO2 mg/L	Fe ug/L	Mn ug/L	As ug/L	Co ug/L	Cu ug/L	Mo ug/L	Ni ug/L	Pb ug/L	Zn ug/L
W1678A	.060	<.10	2.0	60.0	33.0	.60	.40	.80	.30	1.40	.40	6.30
W1679A	.050	<.10	3.0	14.0	4.3	.10	.10	1.10	.10	.50	.30	4.10
W1680A	.100	<.10	3.0	35.0	4.6	.30	.20	.50	.20	.50	.40	6.00
W1681A	.060	<.10	4.0	26.0	3.4	.20	.20	.80	.20	.50	.20	4.90
W1682A	.050	<.10	2.0	24.0	19.0	.30	.20	.80	.40	6.20	.10	4.10
W1683A	.050	<.10	2.0	11.0	1.4	.10	.20	1.10	.40	.80	.10	3.20
W1684A	.090	<.10	2.0	12.0	1.1	.10	.50	1.30	.40	1.60	.10	3.50
W1685A	.050	<.10	2.0	17.0	12.0	.30	.60	1.30	.30	1.50	.10	5.20
W1686A	.030	<.10	1.0	6.2	.8	.10	.50	.90	.20	.40	.20	3.00
W1687A	.050	<.10	3.0	14.0	1.0	.30	.70	.70	.20	.90	.10	5.40
W1688A	.070	<.10	2.0	51.0	230.0	.60	.20	1.10	.30	1.30	.20	5.90
W1689A	.060	<.10	2.0	37.0	23.0	.20	.10	.90	.30	8.70	.70	3.20
W1690A	.040	<.10	2.0	37.0	19.0	.20	.50	.50	.20	1.10	.20	3.30
W1691A	.080	<.10	2.0	40.0	36.0	.10	.60	1.00	.20	1.20	.20	4.50
W1692A	.090	<.10	3.0	21.0	2.5	.20	.70	2.00	.20	2.00	.20	3.80
W1693A	.070	<.10	2.0	41.0	14.0	.70	.80	.70	.20	3.00	.10	6.80
W1694A	.070	<.10	2.0	36.0	7.2	.60	.90	.70	.20	1.20	.30	8.10
W1695A	.060	<.10	4.0	13.0	6.2	.30	.80	.30	.20	.90	.30	3.40
W1696A	.130	<.10	2.0	28.0	4.7	.30	1.00	.60	.20	2.20	.40	3.50
W1697A	.060	<.10	2.0	45.0	29.0	.50	.20	.40	.20	3.60	.60	6.40
W1698A	.060	<.10	4.0	44.0	50.0	<.10	.80	1.40	.20	1.50	.60	4.30
W1699A	.100	<.10	3.0	45.0	31.0	.40	.80	.60	.20	2.70	.30	7.00
W1701A	.050	<.10	2.0	23.0	4.5	.30	.20	.90	.20	4.90	.40	9.30
W1702A	.070	<.10	2.0	13.0	1.9	.20	.50	1.50	.20	4.80	.30	3.80
W1703A	.090	.20	6.0	32.0	5.8	.10	.20	.20	.20	2.40	.60	2.10
W1714A	.070	2.10	7.7	150.0	58.0	.50	.80	1.30	1.60	15.00	1.40	80.00
W1715A	.090	.60	5.7	74.0	32.0	.40	.20	.60	1.10	2.70	.80	3.60
W1716A	.060	3.10	6.7	200.0	22.0	.40	.10	7.60	.90	2.40	.80	5.50
W1717A	.050	<.10	9.0	17.0	1.5	.20	.20	4.00	1.70	2.20	.80	2.80
W1718A	.020	<.10	6.5	11.0	2.2	.20	.10	3.10	1.50	2.50	1.20	3.80
W1719A	.050	.29	7.5	120.0	1.1	.20	.20	1.00	1.50	2.30	.60	6.10
W1720A	.050	6.10	7.7	200.0	115.0	.30	.20	5.10	1.50	2.80	1.00	8.70
W1721A	.090	2.60	5.5	22.0	2.0	.30	.20	.60	1.30	2.50	.80	5.80
W1722A	.040	7.10	5.7	110.0	3.5	.30	.10	.90	1.10	2.00	.60	5.60
W1725A	.140	1.30	8.0	45.0	4.7	.60	.30	3.10	1.10	1.70	.40	5.40
W1726A	.020	.74	8.5	43.0	12.0	.20	.10	.60	1.00	3.10	1.80	6.40
W1727A	.050	.65	13.0	4.9	1.1	.70	.30	1.20	1.10	1.20	2.40	5.40
W1728A	.040	.46	7.0	28.0	7.4	.40	.20	.90	.90	1.30	.60	5.90
W1729A	.040	.69	7.5	20.0	1.7	.50	.40	.70	.70	1.90	1.20	9.20
W1731A	.060	<.10	7.5	140.0	2.5	.70	.20	.60	.80	1.70	2.00	8.40

Table 2.---Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine---continued

Sample	Cond us	pH	T deg C	DOC mg/L
W1678A	37.0	6.34	10.0	11
W1679A	35.0	6.41	9.5	7
W1680A	24.0	6.40	7.0	8
W1681A	38.0	6.71	7.5	8
W1682A	150.0	7.80	8.0	6
W1683A	100.0	7.66	8.0	8
W1684A	130.0	7.77	7.0	7
W1685A	100.0	7.00	6.5	9
W1686A	54.0	7.43	8.0	6
W1687A	53.0	6.50	9.0	8
W1688A	33.0	6.37	9.5	10
W1689A	33.0	6.96	8.0	7
W1690A	32.0	6.67	8.0	<1
W1691A	39.0	6.56	8.5	13
W1692A	55.0	7.01	9.0	8
W1693A	31.0	6.23	7.0	13
W1694A	30.0	6.17	7.5	13
W1695A	52.0	7.21	6.5	3
W1696A	30.0	6.43	8.0	9
W1697A	25.0	6.05	9.5	13
W1698A	46.0	6.62	7.0	5
W1699A	34.0	6.10	6.0	21
W1701A	42.0	6.71	4.5	12
W1702A	93.0	7.09	4.5	12
W1703A	44.0	6.25	5.0	4
W1714A	25.0	6.04	15.0	--
W1715A	44.0	6.68	18.0	--
W1716A	53.0	5.00	10.0	--
W1717A	95.0	7.02	10.5	--
W1718A	57.0	5.97	11.5	--
W1719A	77.0	7.44	11.0	--
W1720A	44.0	6.48	8.0	--
W1721A	59.0	6.70	9.0	--
W1722A	39.0	6.50	10.0	--
W1725A	82.0	6.93	7.5	--
W1726A	47.0	6.01	10.5	--
W1727A	54.0	6.96	8.5	--
W1728A	33.0	6.60	11.0	--
W1729A	25.0	6.34	10.0	--
W1731A	30.0	6.15	11.0	--

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--continued

Sample	Latitude	Longitude	Ca mg/L	Mg mg/L	Na mg/L	K mg/L	Sr ug/L	HCO3 mg/L	H2CO3 mg L	SO4 mg/L	Cl mg/L
W1732A	45 26 57	70 23 12	3.00	.72	1.80	.30	19.00	9.80	3.8000	3.90	2.000
W1733A	45 26 42	70 23 34	4.50	.55	1.30	.30	15.00	9.80	3.4000	3.90	2.000
W1734A	45 26 34	70 23 35	4.80	.57	1.60	.21	16.00	9.80	3.4000	3.90	2.500
W1735A	45 26 30	70 23 37	5.50	.54	1.30	.23	17.00	15.00	4.4000	4.80	2.000
W1736A	45 26 19	70 23 8	3.10	.63	2.00	.34	18.00	11.00	3.6000	4.60	2.200
W1737A	45 22 22	70 23 20	4.20	.57	1.00	.06	17.00	4.90	2.0000	4.00	1.700
W1738A	45 22 8	70 24 11	2.00	.53	1.10	.09	12.00	3.00	1.0000	.32	1.900
W1741A	45 24 55	70 24 38	4.30	.89	1.10	.30	27.00	6.10	2.4000	4.00	1.600
W1742A	45 21 28	70 21 21	11.00	.97	1.20	.31	34.00	32.00	6.4000	4.40	1.800
W1743A	45 21 54	70 22 42	6.80	.83	1.80	.30	31.00	22.00	6.4000	4.00	.670
W1744A	45 22 35	70 21 25	14.00	.99	1.40	.25	35.00	43.00	9.6000	5.80	.340
W1745A	45 35 55	70 9 4	4.10	1.10	1.10	.35	20.00	15.00	4.4000	2.00	.390
W1746A	45 25 31	70 23 15	3.70	.53	1.50	.38	18.00	7.30	2.8000	4.50	.740
W1747A	45 25 25	70 23 12	4.30	.75	1.40	.35	23.00	12.00	4.0000	4.20	.660
W1748A	45 25 17	70 23 3	3.40	.51	1.50	.43	17.00	7.30	2.4000	4.40	.860
W1749A	45 24 55	70 22 35	3.30	.61	1.30	.30	16.00	7.50	2.4000	3.90	.570
W1750A	45 23 23	70 22 13	21.00	.80	.90	.20	46.00	61.00	15.0000	5.60	.620
W1751A	45 25 30	70 22 43	4.40	.77	1.60	.32	23.00	9.80	3.2000	5.30	1.100
W1755A	45 22 44	70 24 5	3.50	.80	1.20	.20	19.00	9.80	3.2000	4.80	.670
W1756A	45 22 56	70 24 16	2.20	.49	1.00	.12	14.00	3.70	1.6000	3.80	.510
W1757A	45 23 45	70 23 42	4.30	.92	1.30	.31	25.00	10.00	4.0000	4.30	.580
W1758A	45 22 6	70 20 22	14.00	.70	1.00	.21	39.00	38.00	8.0000	6.90	.690
W1759A	45 21 8	70 22 53	4.20	.93	1.90	.36	25.00	17.00	5.6000	4.70	.660
W1760A	45 29 23	70 15 46	2.30	.55	.80	.27	18.00	4.90	1.2000	3.00	.760

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	F mg/L	NO3 mg/L	SiO2 mg/L	Fe ug/L	Mn ug/L	As ug/L	Co ug/L	Cu ug/L	Mo ug/L	Ni ug/L	Pb ug/L	Zn ug/L
W1732A	.050	<.10	12.0	95.0	11.0	.80	.50	.20	.90	1.10	1.20	4.60
W1733A	.060	1.60	9.7	27.0	2.5	.40	.20	.40	.80	.70	1.00	4.60
W1734A	.040	3.50	9.3	11.0	1.0	.50	.30	.30	1.00	.40	2.00	4.40
W1735A	.050	1.50	8.7	5.6	2.1	.20	.20	.70	.70	.70	1.60	4.50
W1736A	.050	.63	13.0	45.0	.8	.40	.40	1.80	1.00	.70	1.80	3.30
W1737A	.030	.43	5.3	230.0	4.3	.20	.20	.50	1.10	1.10	1.80	6.70
W1738A	.040	.22	7.0	300.0	41.0	.50	.60	.50	1.10	2.00	2.00	7.40
W1741A	.030	<.10	6.0	21.0	2.0	.30	.20	.20	1.00	.80	.80	5.40
W1742A	.050	<.10	3.5	120.0	20.0	.40	.40	1.30	.70	1.40	.80	4.60
W1743A	.060	.50	7.3	80.0	13.0	.40	.40	.20	.70	2.60	.60	4.50
W1744A	.060	<.10	6.5	21.0	1.3	.20	.50	.80	.70	.50	.80	3.70
W1745A	.060	<.10	2.5	11.0	15.0	.60	.40	.30	.60	.40	.80	.30
W1746A	.090	2.40	9.3	130.0	4.7	.50	.40	.20	.70	.40	1.40	6.40
W1747A	.050	3.20	6.5	13.0	1.0	.30	.40	.60	.70	.40	1.20	.50
W1748A	.090	1.10	9.3	10.0	1.3	.60	.30	.40	.70	.30	.80	5.70
W1749A	.040	.73	7.3	210.0	1.0	.50	.20	1.70	.50	.20	.60	4.90
W1750A	.040	3.80	4.7	1.9	1.1	.40	.40	3.10	.40	.40	1.60	4.20
W1751A	.140	<.10	10.0	5.6	.9	.60	.40	.90	.50	.40	1.60	3.80
W1755A	<.010	<.10	4.3	110.0	7.5	.40	.20	.30	.40	.20	1.00	4.30
W1756A	.040	<.10	6.3	170.0	4.9	.40	.20	.50	.30	.20	.60	25.00
W1757A	.040	<.10	6.5	63.0	3.1	.70	.30	.10	.40	.30	1.00	4.40
W1758A	.050	.43	2.3	12.0	3.7	.30	.20	.80	.40	.20	2.20	5.00
W1759A	.050	<.10	11.0	8.8	.6	.50	.40	2.00	.40	.40	1.00	26.00
W1760A	.090	<.10	2.3	55.0	6.7	.40	.20	1.90	.20	.20	.80	4.90

Table 2.--Analytical results for water samples from sites draining the Attean Quartz Monzonite and vicinity, Maine---continued

Sample	Cond uS	pH	T deg C	DOC mg/L
W1732A	31.0	6.44	9.0	--
W1733A	33.0	6.89	9.5	--
W1734A	37.0	6.74	8.5	--
W1735A	42.0	6.42	10.0	--
W1736A	35.0	7.10	9.0	--
W1737A	32.0	6.00	12.0	--
W1738A	22.0	5.61	11.0	--
W1741A	36.0	6.74	11.0	--
W1742A	69.0	7.22	21.0	--
W1743A	52.0	7.07	12.0	--
W1744A	38.0	7.34	11.5	--
W1745A	36.0	6.67	14.0	--
W1746A	36.0	6.42	10.0	--
W1747A	40.0	6.97	11.5	--
W1748A	33.0	6.00	8.0	--
W1749A	29.0	6.58	13.5	--
W1750A	118.0	7.74	9.0	--
W1751A	44.0	6.70	6.5	--
W1755A	31.0	6.76	15.0	--
W1756A	22.0	5.69	10.0	--
W1757A	38.0	6.91	14.5	--
W1758A	82.0	7.38	15.5	--
W1759A	44.0	7.07	9.5	--
W1760A	21.0	6.11	18.0	--