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Analytical results and sample-locality map for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Somerset and Franklin Counties, Maine

By

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ERRATA

After the release of this report, an analytical bias in some of the lead values was recognized, based on results obtained from analyses of reference samples. The lead values listed in table 2 for samples A1597A through A1702A are approximately twice as large as they should be.

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STUDIES RELATED TO CUSMAP

This report presents partial results of a geochemical survey of the Sherbrooke and Lewiston 1° x 2° quadrangles, Maine, New Hampshire, and Vermont. Geochemical samples were collected as one of several multidisciplinary studies associated with the Conterminous United States Mineral Appraisal Program (CUSMAP).

INTRODUCTION

This report presents analytical data for stream-sediment samples collected from 497 sites draining the Attean Quartz Monzonite and vicinity. The investigation that included the sampling of stream sediments had several objectives: (1) to do a geochemical survey of the entire Attean Quartz Monzonite in view of the presence of several areas of mineralization; (2) to investigate the use of water as a sample medium for geochemical prospecting in a temperate, humid, continentally glaciated region; and (3) to investigate the use of fluvial manganese-iron oxides as a sample medium. Sample collection began in 1978 and was completed in 1982. Analytical results for the water samples are tabulated by Ficklin and others (1983). Studies of manganese-iron oxides are still in progress.

The area underlain by Attean Quartz Monzonite comprises about 300 mi^2 (777 km^2) in the center of Somerset County and the northern tip of Franklin County, Maine, and lies immediately south and west of Jackman, Maine. Access to the study area is provided by private paper company roads from U.S. Route 201 north and south of Jackman, except that the southwestern part of the area is reached by private paper company roads from Maine Route 27 north of Stratton. Also included in this study is an area of about 25 mi^2 (65 km^2) underlain by bedrock of the Skinner pluton. The Skinner pluton is composed of bedrock similar to the Attean Quartz Monzonite in age, composition, and appearance.

This study of the Attean Quartz Monzonite was incorporated into the Conterminous United States Mineral Appraisal Program (CUSMAP) when CUSMAP studies of the Sherbrooke and Lewiston 1° x 2° quadrangles began in 1979. Results of stream-sediment and heavy-mineral sampling have been released for the east half of the Lewiston 1° x 2° quadrangle (Nowlan, Howd, and Nakagawa, 1983; Domenico and others, 1983). Analyses of heavy-mineral concentrates collected in a portion of the west half of the Lewiston quadrangle have been released as one phase of a mineral-resource evaluation of wilderness areas in the White Mountains of New Hampshire (Domenico and others, 1982). Tabulations of analyses for samples collected in the remainder of the Lewiston quadrangle and in the Sherbrooke quadrangle are in preparation.

The Ordovician Attean Quartz Monzonite is in intrusive contact with the Precambrian Chain Lakes massif on the west side. The Chain Lakes consists of metasedimentary and metavolcanic rocks. The northern, eastern, and southern margins of the Attean Quartz Monzonite are unconformably overlain by Silurian and Devonian metasiltstone, metasandstone, and metaconglomerate (Albee and Boudette, 1972; Boone, 1970).

Several areas of mineralization are known to exist within the Attean Quartz Monzonite. Molybdenum-copper mineralization is present at Catheart

Mountain and Sally Mountain (Young, 1968). Minor lead-zinc mineralization is present at Pyrite Creek (Nowlan, McHugh, and Hessin, 1983) and Bean Brook Mountain (Delaney, 1968). The Catheart Mountain deposit has been extensively drilled but never developed. The other occurrences have seen only minor exploration activity.

The ground surface has been greatly affected by continental glaciation which moved over New England during the Pleistocene. The result was a general subduing of the topography. The topographic relief in the study area is approximately 2200 ft (670 m) with a maximum elevation of 3300 ft (1000 m). The many prominent mountains which remain are generally rounded, covered with a blanket of till, and are located on the margins of the Attean Quartz Monzonite. Commonly interspersed with the mountains are lakes, ponds, and peat bogs. A significant depression approximately 40 mi^2 (104 km^2) in size is located in the center of the area. The depression has little topographic relief and is blanketed by glacial till, boulders, and outwash deposits.

Yearly precipitation generally ranges between 40-45 inches. The climate is temperate. The combination of high precipitation, temperate climate, subdued topography, dense vegetation, and glacial deposits results in an area characterized by abundant streams whose average velocity is moderate, by the development of bogs ranging from a few square feet to many square miles in size, and by the common formation of Mn-Fe-oxide staining or concretionary deposits with the alluvium in stream courses. Stream sediments tend to be poorly sorted and often have an organic component of ten percent or more.

METHODS OF STUDY

Sample Medium

Analyses of stream-sediment samples represent the chemistry of the rock material eroded from the drainage basin upstream from each sample site. Such information is useful in identifying those basins which contain concentrations of elements that may be related to mineral deposits. In addition, geochemical processes such as adsorption, absorption, and coprecipitation involving especially the Mn-Fe oxides are important in determining the chemistry of stream sediments in the study area.

Sample Collection

The stream-sediment samples consisted of active alluvium collected primarily from first-order (unbranched) or second-order streams (below the junction of two first-order streams) as shown on USGS topographic maps (scales = 1:24,000 and 1:62,500). Attempts were made to obtain samples containing abundant silt-sized and finer material. The locations of the sample sites are shown in plate 1. Sampling density was about 1.7 sample sites per square mile.

Sample Preparation

The samples were oven dried at temperatures that did not exceed 80°C, then sieved using 60 mesh (0.25 mm) stainless steel sieves. The portion of the sediment passing through the sieve was saved for analysis. The sieved samples were split into two portions. One split was analyzed for Zn by atomic

absorption spectroscopy. The other split was pulverized to minus 0.15 mm (100 mesh) for analysis by emission spectrography.

Sample Analysis

The samples were analyzed for 31 elements using a semiquantitative, direct-current arc emission spectrographic method (Grimes and Marranzino, 1968). The elements analyzed and their lower limits of determination are listed in table 1. Spectrographic results were obtained by visual comparison of spectra derived from the sample against spectra obtained from standards made from pure oxides and carbonates. Standard concentrations are geometrically spaced over any given order of magnitude of concentration as follows: 100, 50, 20, 10, and so forth. Samples whose concentrations are estimated to fall between those values are assigned values of 70, 30, 15, and so forth. The precision of the analytical method is approximately plus or minus one reporting interval at the 83 percent confidence level and plus or minus two reporting intervals at the 96 percent confidence level (Motooka and Grimes, 1976). Values determined for the major elements (Fe, Mg, Ca, and Ti) are given in weight percent; all others are given in parts per million (micrograms/gram). The unpulverized split was analyzed for Zn by atomic absorption (Ward and others, 1969); the lower limit of determination is five parts per million. Analysts were James A. Domenico, Carl Forn, Stephen Sutley, E. Carson, D. Rohlf, G. VanGaalen, R. Vaughn, and D. Kelley.

ROCK ANALYSIS STORAGE SYSTEM

Upon completion of all analytical work, the analytical results were entered into a computer-based file called Rock Analysis Storage System (RASS). This data base contains both descriptive geological information and analytical data. Any or all of this information may be retrieved and converted to a binary form (STATPAC) for computerized statistical analysis or publication (VanTrump and Miesch, 1976).

DESCRIPTION OF DATA TABLES

Table 2 lists the analytical data. The numeric part of each sample identification corresponds to the numbers shown on the sample locality map (plate 1). Because Zn was analyzed by two methods, the emission-spectrographic results are listed in the column headed by Zn-s; the atomic-absorption results are listed in the column headed by Zn-a. A letter "N" in the tables indicates that a given element was looked for but not detected at the lower limit of determination shown for that element in table 1. If an element was observed but was below the lowest reporting value, a "less than" symbol (<) was entered in the tables in front of the lower limit of determination. If an element was observed but was above the highest reporting value, a "greater than" symbol (>) was entered in the tables in front of the upper limit of determination. If an element was not looked for in a sample, two dashes (--) are entered in table 2 in place of an analytical value. In table 2, two dashes are entered for Ba and Cr for approximately one third of the samples because it was determined that erroneous values were reported. Because of the formatting used in the computer program that produced table 2, some of the elements listed in this table (Fe, Mg, Ti, Ca, Ag, and Be) carry one or more nonsignificant digits to the right of the significant digits. The analysts did not determine these elements to the accuracy suggested by the extra zeros.

The spectrographic determinations for As, Au, Bi, Cd, Sb, and Th were all below the lower limits of determination shown in table 1; consequently, the columns for these elements have been deleted from table 2.

REFERENCES CITED

Albee, A. L., and Boudette, E. L., 1972, Geology of the Attean quadrangle, Somerset County, Maine: U.S. Geological Survey Bulletin 1297, 110 p., 2 maps, scale 1:62,500.

Boone, G. M., ed., Guidebook for field trips in the Rangeley Lakes-Dead River Basin region, western Maine: New England Intercollegiate Geological Conference, 62nd, 1970.

Delaney, J. R., 1968, Geology and reconnaissance geochemistry of Catheart Mountain-Parlin Pond area, Somerset County, Maine: Unpublished Master of Science thesis, University of Virginia, 78 p.

Domenico, J. A., Howd, F. H., Hall-Santala, P. A., and Gerstel, W. J., 1982, Spectrographic analyses and statistical summaries of nonmagnetic-heavy-mineral-concentrate samples from north-central New Hampshire: U.S. Geological Survey Open-File Report 82-886, 33 p.

Domenico, J. A., Howd, F. H., and Nowlan, G. A., 1983, Analyses of heavy-mineral-concentrate samples, east half of the Lewiston 1° x 2° quadrangle, Maine and New Hampshire: U.S. Geological Survey Open-File Report 83-739, 25 p., 1 map, scale 1:250,000.

Ficklin, W. H., Nowlan, G. A., and Preston, D. J., 1983, Analytical results for 544 water samples collected in the Attean Quartz Monzonite in the vicinity of Jackman, Maine: U.S. Geological Survey Open-File Report 83-831, 46 p., 1 map, scale 1:62,500.

Grimes, D. J., and Marranzino, A. P., 1968, Direct-current arc and alternating-current spark emission spectrographic field methods for the semiquantitative analysis of geologic materials: U.S. Geological Survey Circular 591, 6 p.

Motooka, J. M., and Grimes, D. J., 1976, Analytical precision of one-sixth order semiquantitative spectrographic analyses: U.S. Geological Survey Circular 738, 25 p.

Nowlan, G. A., Howd, F. H., and Nakagawa, H. M., 1983, Analytical results for 2,244 stream-sediment samples, east half of the Lewiston 1° x 2° quadrangle, Maine and New Hampshire: U.S. Geological Survey Open-File Report 83-848, 117 p., 1 map, scale 1:125,000.

Nowlan, G. A., McHugh, J. B., and Hessin, T. D., 1983, Origin of concretionary Mn-Fe oxides in stream sediments of Maine, U.S.A.: Chemical Geology, v. 38, p. 141-156.

Osberg, P. H., Hussey, A. M., III, and Boone, G. M., eds., 1984, Bedrock geologic map of Maine: Maine Geological Survey Open-File Report 84-1, 1 sheet, scale 1:500,000.

VanTrump, George, Jr., and Miesch, A. T., 1976, The U.S. Geological Survey RASS-STATPAC system for management and statistical reduction of geochemical data: Computers and Geosciences, v. 3, p. 475-488.

Ward, F. N., Nakagawa, H. M., Harms, T. F., and Van Sickle, G. H., 1969, Atomic-absorption methods useful in geochemical exploration: U.S. Geological Survey Bulletin 1289, 45 p.

Young, R. S., 1968, Mineral exploration and development in Maine, in Ridge, J. D., ed., Ore deposits of the United States, 1933-1967, v. 1, The Graton-Sales Volume: New York, American Institute of Mining, Metallurgical, and Petroleum Engineers, p. 125-139.

TABLE 1.--Limits of determination for the spectrographic analysis of stream sediments, based on a 10-mg sample

Elements	Lower determination limit	Upper determination limit
	Percent	
Iron (Fe)	0.05	20
Magnesium (Mg)	.02	10
Calcium (Ca)	.05	20
Titanium (Ti)	.002	1
	Parts per million	
Manganese (Mn)	10	5,000
Silver (Ag)	0.5	5,000
Arsenic (As)	200	10,000
Gold (Au)	10	500
Boron (B)	10	2,000
Barium (Ba)	20	5,000
Beryllium (Be)	1	1,000
Bismuth (Bi)	10	1,000
Cadmium (Cd)	20	500
Cobalt (Co)	5	2,000
Chromium (Cr)	10	5,000
Copper (Cu)	5	20,000
Lanthanum (La)	20	1,000
Molybdenum (Mo)	5	2,000
Niobium (Nb)	20	2,000
Nickel (Ni)	5	5,000
Lead (Pb)	10	20,000
Antimony (Sb)	100	10,000
Scandium (Sc)	5	100
Tin (Sn)	10	1,000
Strontium (Sr)	100	5,000
Vanadium (V)	10	10,000
Tungsten (W)	50	10,000
Yttrium (Y)	10	2,000
Zinc (Zn)	200	10,000
Zirconium (Zr)	10	1,000
Thorium (Th)	100	2,000

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine

[N, not detected: <, detected but below the limit of determination shown; >, determined to be greater than the value shown]

Sample	Latitude	Longitude	Fe pct	Mg pct	Ca pct	Ti pct	Mn	Ag	B	Ba	Be	Co	Cr
A0464B	45 33 30	70 8 48	2.00	.10	.05	.070	>5,000	N	30	--	<1.0	200	--
A1150A	45 36 1	70 8 0	1.50	.50	.15	.200	700	N	70	--	<1.0	10	--
A1151A	45 36 50	70 9 10	1.00	.50	.20	.200	1,000	N	50	--	<1.0	7	--
A1152A	45 36 52	70 8 21	1.50	.50	.20	.200	700	N	70	--	<1.0	10	--
A1153A	45 33 39	70 12 3	1.00	.50	.50	.200	500	N	20	--	<1.0	5	--
A1154A	45 33 41	70 12 2	1.50	.70	.50	.300	1,000	N	70	--	<1.0	5	--
A1155A	45 29 50	70 10 9	1.00	.15	.50	.150	1,500	N	15	--	1.0	50	--
A1156A	45 28 21	70 15 0	1.00	.50	1.00	.150	1,000	N	20	--	<1.0	5	--
A1157A	45 27 55	70 16 18	1.00	.50	1.00	.300	700	N	15	--	<1.0	5	--
A1158A	45 27 49	70 17 24	1.50	.50	.70	.300	700	N	30	--	<1.0	5	--
A1159A	45 26 1	70 17 16	1.00	.50	1.50	.300	500	N	15	--	<1.0	7	--
A1160A	45 27 2	70 17 45	1.50	.70	1.00	.300	700	N	30	--	<1.0	7	--
A1161A	45 27 49	70 17 48	.70	.30	1.00	.300	300	N	20	--	<1.0	5	--
A1162A	45 28 56	70 16 24	1.00	.70	1.50	.300	1,000	N	20	--	<1.0	10	--
A1163A	45 27 44	70 18 59	1.00	.70	1.50	.300	700	N	20	--	<1.0	7	--
A1164A	45 28 2	70 19 23	1.00	.20	.70	.150	700	N	15	--	<1.0	7	--
A1165A	45 26 55	70 18 35	2.00	.50	1.00	.300	1,500	N	20	--	<1.0	15	--
A1166A	45 27 5	70 18 56	1.00	.50	.70	.300	1,000	N	20	--	<1.0	5	--
A1167A	45 27 6	70 19 36	2.00	.70	1.50	.700	1,000	N	50	--	<1.0	10	--
A1168A	45 27 14	70 20 11	1.00	.50	.70	.200	700	N	50	--	N	<5	--
A1169A	45 27 18	70 20 27	1.00	.50	.70	.300	700	N	20	--	N	<5	--
A1170A	45 27 43	70 21 2	1.50	.50	1.00	.500	1,500	N	20	--	<1.0	7	--
A1171A	45 27 44	70 21 33	2.00	.50	1.00	.500	3,000	N	20	--	<1.0	15	--
A1172A	45 28 0	70 22 16	.50	.15	.20	.070	700	N	10	--	1.0	<5	--
A1173A	45 28 9	70 22 25	2.00	.70	.50	.200	500	N	50	--	1.0	<5	--
A1174A	45 28 14	70 22 57	.70	.10	.30	.070	1,000	N	20	--	2.0	<5	--
A1175A	45 28 13	70 23 0	.50	.10	.50	.070	1,000	N	30	--	1.5	5	--
A1176A	45 28 34	70 12 15	1.50	.30	.70	.200	300	N	30	--	<1.0	5	--
A1177A	45 28 57	70 13 5	2.00	.30	.70	.300	5,000	N	70	--	<1.0	30	--
A1178A	45 28 38	70 12 50	1.50	.30	.70	.300	2,000	N	70	--	1.0	20	--
A1179A	45 29 15	70 13 55	2.00	.30	1.00	.300	1,500	N	50	--	<1.0	10	--
A1180A	45 35 27	70 19 12	2.00	.50	.70	.300	1,500	N	50	--	<1.0	20	--
A1181A	45 38 44	70 21 5	1.50	.30	1.00	.150	1,500	N	50	--	1.0	7	--
A1182B	45 38 30	70 20 44	2.00	.70	.50	.150	500	N	150	300	2.0	7	100
A1183A	45 37 19	70 19 20	1.00	.50	.20	.300	1,000	N	70	--	<1.0	7	--
A1184A	45 37 9	70 19 11	2.00	.70	.30	.300	700	N	150	--	<1.0	7	--
A1185A	45 36 58	70 19 3	3.00	.70	.50	.300	1,500	N	100	--	<1.0	10	--
A1186A	45 36 24	70 19 19	2.00	.70	.50	.300	1,000	N	70	--	1.0	5	--
A1187A	45 36 12	70 18 55	2.00	.50	.30	.300	1,000	N	50	--	1.0	7	--
A1188A	45 36 10	70 19 5	2.00	.70	.50	.300	1,500	N	70	--	<1.0	7	--
A1189A	45 38 59	70 23 38	1.00	.50	.20	.500	300	N	70	150	<1.0	<5	300
A1190A	45 38 55	70 24 29	3.00	.70	.30	.500	1,500	N	70	500	<1.0	10	150
A1191A	45 38 58	70 24 37	2.00	1.00	.20	.300	1,500	N	50	200	<1.0	10	500
A1192A	45 38 21	70 25 8	5.00	.70	.20	.500	5,000	N	70	200	<1.0	20	500
A1193A	45 38 13	70 25 23	3.00	1.00	.30	.300	2,000	N	50	200	<1.0	20	700
A1194A	45 37 18	70 26 38	3.00	1.00	.20	.300	3,000	N	70	--	<1.0	<5	--
A1195A	45 37 0	70 27 20	3.00	.70	.20	.200	3,000	N	70	--	1.0	50	--
A1196A	45 36 50	70 27 32	2.00	.70	.50	.300	1,500	N	50	--	<1.0	15	--
A1197A	45 37 9	70 28 59	2.00	.70	.50	.300	2,000	N	50	--	<1.0	15	--
A1198A	45 38 24	70 29 57	2.00	.70	.50	.300	1,000	N	70	--	<1.0	10	--

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Cu	La	Mo	Nb	Ni	Pb	Sc	Sn	Sr	V	W	Y	Zn-s	Zn-a	Zr
A0464B	30	<20	10	N	30	300	5	N	<100	50	<50	10	<200	75	100
A1150A	10	<20	N	N	30	30	7	N	<100	30	N	10	N	100	70
A1151A	10	<20	N	N	30	20	10	N	<100	50	N	15	N	80	30
A1152A	15	<20	N	N	30	30	10	N	<100	50	N	15	N	95	50
A1153A	7	<20	N	N	15	15	10	N	<100	50	N	15	N	35	150
A1154A	15	20	N	N	30	20	15	N	<100	50	N	15	N	50	200
A1155A	10	<20	15	N	7	100	10	N	<100	50	N	10	N	100	20
A1156A	5	30	N	N	7	20	15	N	300	50	N	10	N	45	50
A1157A	7	30	N	N	10	20	15	N	200	50	N	15	N	25	100
A1158A	5	20	N	N	10	20	15	N	<100	50	N	15	N	30	100
A1159A	10	70	N	N	15	15	15	N	300	50	N	20	N	25	100
A1160A	20	70	N	N	30	30	15	N	200	50	N	30	N	120	100
A1161A	<5	30	N	N	7	20	10	N	200	50	N	20	N	20	200
A1162A	5	30	N	<20	15	30	15	N	300	70	N	20	N	45	100
A1163A	10	50	N	N	20	30	20	N	200	70	N	20	N	40	200
A1164A	15	<20	N	N	10	15	10	N	<100	30	N	15	N	65	15
A1165A	10	30	N	N	15	30	15	N	200	50	N	15	N	45	30
A1166A	15	30	N	N	15	20	15	N	<100	30	N	15	N	50	100
A1167A	100	100	N	<20	20	30	15	N	200	70	N	30	N	30	200
A1168A	5	70	N	<20	15	15	10	N	300	30	N	15	N	30	50
A1169A	5	<20	N	<20	10	20	7	N	200	20	N	10	N	5	30
A1170A	10	50	N	<20	30	30	10	N	200	50	N	20	N	50	150
A1171A	10	50	N	N	20	50	15	N	300	70	N	100	N	95	70
A1172A	5	<20	N	N	10	30	10	N	<100	10	N	10	N	45	<10
A1173A	15	50	N	N	30	30	15	N	<100	30	N	20	N	120	100
A1174A	10	70	N	N	7	20	7	N	<100	20	N	50	N	100	15
A1175A	<5	30	N	N	7	30	5	N	<100	15	N	15	N	70	70
A1176A	10	50	N	N	10	50	7	N	200	50	N	10	N	40	150
A1177A	15	50	10	<20	20	50	10	N	100	100	N	20	N	55	200
A1178A	15	50	N	N	15	70	7	N	200	70	N	15	N	30	150
A1179A	10	50	N	N	15	70	7	N	300	70	N	15	N	40	100
A1180A	50	50	5	N	50	70	15	N	100	100	N	20	N	120	500
A1181A	30	100	N	<20	50	15	15	N	N	50	N	70	N	80	70
A1182B	15	N	N	N	50	70	7	N	N	70	N	15	N	130	200
A1183A	20	50	N	N	30	30	10	N	<100	50	N	20	N	65	150
A1184A	20	70	N	N	30	50	7	N	<100	100	N	20	N	70	150
A1185A	20	70	N	<20	30	30	10	N	<100	70	N	20	N	70	150
A1186A	15	70	N	N	20	50	7	N	<100	50	N	30	N	--	50
A1187A	20	70	N	N	30	30	5	N	<100	70	N	30	N	45	200
A1188A	20	70	N	N	20	50	10	N	<100	70	N	10	N	65	150
A1189A	10	<20	N	N	10	30	5	N	<100	70	N	15	N	30	70
A1190A	15	50	N	N	70	30	10	N	<100	70	N	30	N	130	100
A1191A	10	30	N	N	50	20	10	N	<100	70	N	15	N	75	150
A1192A	15	30	N	N	70	50	15	N	<100	100	N	15	N	110	150
A1193A	10	30	N	N	50	50	5	N	<100	70	N	15	N	75	100
A1194A	10	<20	N	N	70	30	10	N	<100	70	N	15	N	170	30
A1195A	10	<20	N	N	30	30	10	N	<100	70	N	15	N	200	50
A1196A	15	50	N	N	70	30	10	N	<100	100	N	30	N	110	100
A1197A	7	30	N	N	50	30	7	N	<100	50	N	20	N	150	200
A1198A	10	50	N	N	50	30	7	N	<100	70	N	20	N	100	200

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Latitude	Longitude	Fe pct	Mg pct	Ca pct	Ti pct	Mn	Ag	B	Ba	Be	Co	Cr
A1199A	45 38 32	70 29 47	2.00	.70	.30	.200	1,500	N	50	--	<1.0	10	--
A1200A	45 38 48	70 29 19	2.00	1.00	.30	.300	1,000	N	50	--	<1.0	15	--
A1201A	45 38 49	70 28 59	3.00	1.00	.20	.300	1,500	<.5	70	--	<1.0	15	--
A1202A	45 39 49	70 25 54	3.00	.70	.20	.300	700	N	50	--	<1.0	10	--
A1203A	45 39 1	70 27 47	3.00	.70	.20	.500	2,000	N	50	--	<1.0	15	--
A1204A	45 38 54	70 28 8	2.00	.70	.20	.500	1,000	N	50	--	<1.0	15	--
A1205A	45 40 29	70 24 7	3.00	1.00	.30	.500	1,500	N	50	--	<1.0	20	--
A1206A	45 41 13	70 24 8	2.00	.70	.20	.500	1,500	N	70	--	<1.0	10	--
A1207A	45 36 17	70 30 39	2.00	.50	.70	.300	>5,000	2.0	70	--	<1.0	20	--
A1208A	45 36 43	70 30 30	1.50	.50	.50	.300	1,500	N	70	--	<1.0	15	--
A1209A	45 36 50	70 30 32	2.00	.50	.70	.300	5,000	N	70	--	<1.0	20	--
A1210A	45 37 37	70 31 4	2.00	.50	.50	.300	1,000	N	70	--	<1.0	10	--
A1211A	45 38 2	70 31 34	2.00	.30	1.00	.200	>5,000	N	70	--	<1.0	20	--
A1212A	45 38 33	70 31 42	1.50	.70	.50	.500	1,000	N	70	--	<1.0	10	--
A1213A	45 39 0	70 31 59	2.00	.70	.50	.300	1,500	N	70	--	<1.0	15	--
A1214A	45 38 30	70 31 52	1.50	.30	.20	.300	1,500	N	70	--	N	7	--
A1215A	45 37 55	70 31 47	2.00	.70	.50	.300	1,000	N	70	--	<1.0	15	--
A1216A	45 38 27	70 21 49	1.50	.50	.70	.200	1,000	N	50	--	N	7	--
A1217A	45 37 52	70 22 52	1.50	.50	.30	.200	500	N	50	--	<1.0	10	--
A1218A	45 37 49	70 22 43	3.00	.50	.20	.300	1,500	N	100	--	<1.0	15	--
A1219A	45 37 42	70 22 2	2.00	.70	.50	.500	700	N	50	--	<1.0	7	--
A1220A	45 37 41	70 22 6	2.00	.50	.30	.300	1,000	N	70	--	1.0	10	--
A1221A	45 37 0	70 17 53	2.00	.50	1.00	.500	1,500	N	50	--	<1.0	7	--
A1222A	45 34 50	70 25 31	2.00	.50	.70	.300	2,000	N	70	--	<1.0	7	--
A1223A	45 34 48	70 24 36	1.50	.30	.70	.500	300	N	70	--	<1.0	5	--
A1224A	45 34 25	70 24 15	2.00	.50	.70	.700	500	N	70	--	<1.0	5	--
A1225A	45 34 15	70 23 4	1.00	.30	.70	.500	500	N	20	--	N	<5	--
A1226A	45 39 44	70 24 18	3.00	.70	.50	.500	1,500	N	100	--	<1.0	15	--
A1227A	45 34 34	70 17 54	1.50	.50	.50	.300	500	N	50	--	<1.0	5	--
A1228A	45 34 33	70 18 30	2.00	1.00	.70	.500	700	N	100	--	<1.0	15	--
A1229A	45 34 34	70 19 55	2.00	.50	.70	.300	700	N	70	--	2.0	7	--
A1230A	45 34 46	70 20 48	2.00	.70	.70	.300	1,000	N	70	--	<1.0	10	--
A1231A	45 34 25	70 20 59	2.00	.70	.70	.500	700	N	50	--	<1.0	5	--
A1232A	45 34 18	70 20 38	.30	.15	.50	.150	1,000	N	50	--	<1.0	<5	--
A1233A	45 34 21	70 20 57	1.50	.50	.70	.500	1,000	N	30	--	<1.0	15	--
A1234A	45 34 7	70 19 42	1.50	.50	.30	.300	1,500	N	30	--	<1.0	10	--
A1235A	45 35 45	70 25 9	1.50	.50	.50	.300	500	N	100	--	<1.0	5	--
A1236A	45 35 20	70 24 4	1.00	.10	.70	.100	1,000	N	30	--	1.0	<5	--
A1237A	45 40 18	70 23 38	2.00	1.00	.50	.300	5,000	N	100	--	<1.0	15	--
A1238A	45 40 33	70 24 4	1.50	1.00	.30	.300	500	N	70	--	<1.0	7	--
A1239A	45 37 47	70 26 27	2.00	1.00	.15	.300	1,500	N	70	--	<1.0	50	--
A1240A	45 38 19	70 28 53	2.00	.15	.15	.100	3,000	N	20	--	1.0	50	--
A1241A	45 35 47	70 8 32	2.00	.70	.30	.300	1,000	N	100	--	1.0	20	--
A1242A	45 35 43	70 8 34	2.00	1.00	.70	.300	1,500	N	70	--	<1.0	20	--
A1243A	45 38 35	70 27 32	1.00	.50	.20	.500	300	N	70	--	<1.0	5	--
A1244A	45 38 56	70 26 25	1.50	.05	.15	.070	5,000	N	70	--	N	70	--
A1245A	45 40 5	70 26 51	1.00	.30	.15	.150	3,000	N	70	--	1.0	7	--
A1246A	45 40 20	70 26 12	1.50	.70	.20	.300	1,500	N	100	--	<1.0	30	--
A1247A	45 40 34	70 26 5	2.00	.70	.20	.300	3,000	N	100	--	<1.0	30	--
A1248A	45 39 54	70 27 41	2.00	.70	.20	.300	2,000	N	100	--	<1.0	20	--

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Cu	La	Mo	Nb	Ni	Pb	Sc	Sn	Sr	V	W	Y	Zn-s	Zn-a	Zr
A1199A	10	50	N	N	70	30	5	N	<100	70	N	30	N	120	150
A1200A	15	50	N	N	50	30	7	N	<100	70	N	20	N	100	100
A1201A	20	70	N	N	70	30	30	N	<100	70	N	20	N	100	100
A1202A	15	70	N	N	70	20	10	N	<100	70	N	30	N	120	200
A1203A	15	50	N	N	70	20	10	N	<100	70	N	20	N	120	100
A1204A	10	70	N	N	50	15	10	N	<100	70	N	20	N	95	150
A1205A	15	50	N	<20	70	30	7	N	<100	70	N	30	N	90	200
A1206A	15	50	N	N	50	30	10	N	<100	70	N	20	N	130	150
A1207A	20	70	N	N	70	30	70	N	<100	70	<50	30	N	180	100
A1208A	15	70	N	<20	70	30	10	N	<100	50	N	30	N	170	150
A1209A	20	50	N	<20	70	30	10	N	<100	70	N	30	N	140	100
A1210A	15	50	N	N	50	20	10	N	<100	70	N	30	N	80	150
A1211A	15	70	N	N	50	30	10	N	<100	50	N	30	N	110	150
A1212A	20	70	N	N	70	30	15	N	<100	70	N	30	N	80	150
A1213A	20	50	N	N	50	30	10	N	<100	70	N	30	N	75	200
A1214A	10	30	N	N	20	15	10	N	<100	50	N	20	N	80	200
A1215A	15	50	N	<20	70	30	5	N	<100	70	N	30	N	85	150
A1216A	15	30	N	N	50	20	10	N	<100	50	N	20	N	75	100
A1217A	15	30	N	N	50	20	5	N	<100	50	N	20	N	120	150
A1218A	20	<20	N	N	50	20	7	N	<100	50	N	15	N	90	150
A1219A	20	70	N	<20	30	50	7	N	<100	50	N	15	N	70	150
A1220A	30	70	N	N	70	70	5	N	<100	50	N	20	N	200	150
A1221A	30	70	N	N	50	30	10	N	<100	70	N	30	N	70	200
A1222A	20	70	N	N	20	30	7	N	<100	70	N	15	N	120	150
A1223A	5	50	N	N	15	20	5	N	<100	70	N	15	N	15	200
A1224A	15	100	N	<20	20	30	7	N	<100	70	N	20	N	40	200
A1225A	5	30	N	N	10	10	5	N	<100	50	N	15	N	25	200
A1226A	15	70	N	<20	100	30	10	N	<100	70	N	30	N	110	300
A1227A	10	70	N	N	20	20	7	N	<100	70	N	20	N	45	150
A1228A	20	70	N	N	50	30	10	N	<100	70	N	20	N	70	150
A1229A	300	100	7	<20	70	100	15	N	<100	70	N	30	300	370	150
A1230A	10	50	N	N	20	30	10	N	<100	70	N	20	N	65	100
A1231A	10	50	N	N	15	20	7	N	<100	70	N	20	N	30	200
A1232A	10	<20	N	<20	15	30	5	N	<100	50	N	30	N	50	100
A1233A	20	50	N	<20	30	30	7	N	<100	70	N	30	N	65	150
A1234A	15	50	N	N	30	30	7	N	<100	50	N	20	N	45	300
A1235A	10	<20	N	N	30	20	7	N	<100	70	N	15	N	55	100
A1236A	15	<20	N	<20	5	30	5	N	N	30	N	10	N	10	10
A1237A	50	30	N	N	50	30	10	N	<100	70	N	15	N	150	150
A1238A	15	50	N	N	50	20	7	N	<100	70	N	15	N	85	200
A1239A	15	20	N	N	30	50	7	N	<100	70	N	15	N	65	70
A1240A	7	20	N	N	50	20	7	N	N	50	N	10	N	320	100
A1241A	10	<20	N	N	50	30	5	N	<100	50	N	15	N	100	100
A1242A	15	30	N	N	50	30	10	N	<100	70	N	20	N	85	300
A1243A	7	50	N	N	10	20	7	N	<100	70	N	20	N	15	200
A1244A	<5	N	N	N	5	20	N	N	<100	50	N	<10	N	200	10
A1245A	10	20	N	N	50	15	5	N	<100	50	N	10	N	240	30
A1246A	15	50	N	N	50	30	7	N	<100	70	N	20	N	110	100
A1247A	20	20	N	N	70	20	5	N	<100	50	N	20	N	100	150
A1248A	10	20	N	N	50	50	7	N	<100	70	N	10	N	120	50

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Latitude	Longitude	Fe pct	Mg pct	Ca pct	Ti pct	Mn	Ag	B	Ba	Be	Co	Cr
A1249A	45 40 22	70 28 24	2.00	.50	.20	.300	2,000	N	100	--	<1.0	20	--
A1250A	45 40 49	70 28 4	2.00	1.00	.70	1.000	1,000	N	50	--	<1.0	15	--
A1251A	45 35 22	70 16 10	.05	.03	.15	.015	500	N	30	--	N	N	--
A1252A	45 35 20	70 16 37	2.00	.50	.50	.300	2,000	N	70	--	<1.0	7	--
A1253A	45 35 12	70 17 6	2.00	.50	.50	.300	1,500	N	50	--	<1.0	7	--
A1254A	45 35 23	70 16 6	3.00	.50	.50	.200	2,000	N	50	--	N	7	--
A1255A	45 35 23	70 15 2	1.50	.50	.30	.300	1,500	N	70	--	<1.0	7	--
A1266A	45 37 46	70 20 24	1.50	.70	.30	.300	1,000	<.5	100	--	<1.0	5	--
A1268A	45 31 12	70 11 44	2.00	.70	.70	.300	1,000	<.5	100	--	<1.0	10	--
A1269A	45 31 24	70 12 25	1.50	.70	.70	.300	700	<.5	50	--	<1.0	7	--
A1270A	45 32 45	70 10 25	1.50	.50	.50	.300	1,000	<.5	20	--	<1.0	7	--
A1271A	45 30 50	70 11 31	1.50	.50	.50	.300	1,000	N	70	--	<1.0	5	--
A1272A	45 30 38	70 11 35	3.00	.50	.70	.300	5,000	1.0	50	--	<1.0	15	--
A1274A	45 33 9	70 12 53	1.50	.50	.50	.300	700	<.5	50	--	<1.0	10	--
A1275A	45 31 29	70 13 37	2.00	.50	.50	.300	200	.5	70	--	1.0	5	--
A1276A	45 31 40	70 13 42	1.00	.20	.70	.200	700	.5	50	--	<1.0	10	--
A1277A	45 38 6	70 22 43	2.00	.50	.20	.300	1,000	N	70	--	<1.0	10	--
A1279A	45 39 17	70 24 49	1.50	.50	.30	.500	300	N	30	--	<1.0	7	--
A1280A	45 39 14	70 24 31	3.00	.70	.50	.500	3,000	N	70	--	<1.0	20	--
A1281A	45 38 21	70 22 57	1.50	.70	.20	.300	1,500	N	70	--	<1.0	10	--
A1282A	45 38 40	70 23 11	1.50	.70	.20	.300	500	N	50	--	<1.0	10	--
A1283A	45 38 47	70 23 16	1.00	.10	.10	.100	3,000	N	50	--	<1.0	10	--
A1284A	45 38 51	70 23 17	1.00	.30	.50	.300	300	N	50	--	<1.0	5	--
A1285A	45 36 11	70 16 31	1.50	.20	.20	.150	2,000	<.5	50	--	1.0	10	--
A1286A	45 35 52	70 15 48	1.50	.50	.50	.300	1,000	N	50	--	<1.0	10	--
A1287A	45 34 25	70 15 53	1.00	.20	.15	.200	700	N	30	--	<1.0	7	--
A1288A	45 33 31	70 14 48	1.00	.20	.50	.300	500	N	15	--	<1.0	7	--
A1289A	45 33 4	70 15 56	2.00	.70	.70	.300	1,500	N	70	--	<1.0	10	--
A1290A	45 33 25	70 16 30	2.00	.70	.30	.500	300	N	70	--	<1.0	5	--
A1291A	45 33 36	70 16 50	2.00	.70	.70	.300	1,500	N	70	--	<1.0	15	--
A1293A	45 33 40	70 18 58	1.50	.50	.50	.300	700	N	50	--	<1.0	5	--
A1294A	45 33 41	70 18 30	2.00	.50	.50	.300	3,000	N	70	--	<1.0	15	--
A1295A	45 39 52	70 21 20	2.00	.70	.30	.300	700	N	70	--	<1.0	10	--
A1296A	45 40 13	70 23 33	2.00	.70	.50	.300	1,000	N	70	--	<1.0	7	--
A1297A	45 36 41	70 25 54	2.00	.50	.20	.300	700	N	100	--	1.0	10	--
A1298A	45 36 30	70 24 43	1.00	.30	.30	.300	200	N	70	--	<1.0	5	--
A1299A	45 36 32	70 25 22	1.50	.50	.30	.500	1,500	N	50	--	<1.0	10	--
A1300A	45 27 50	70 16 47	2.00	.70	1.00	.700	500	N	30	--	1.0	5	--
A1301A	45 27 14	70 17 50	1.00	.50	.70	.200	1,000	N	50	--	<1.0	5	--
A1302A	45 26 25	70 17 25	1.00	.50	.70	.300	700	N	50	--	<1.0	<5	--
A1303A	45 27 29	70 17 43	1.00	.30	.70	.300	700	N	50	--	<1.0	<5	--
A1304A	45 28 16	70 23 37	1.50	.07	.30	.100	>5,000	2.0	30	--	2.0	20	--
A1305A	45 36 27	70 20 56	1.00	.20	.30	.100	1,000	N	50	--	1.0	5	--
A1306A	45 36 31	70 20 31	.70	.20	.20	.100	2,000	N	30	--	1.5	5	--
A1307A	45 36 31	70 20 23	3.00	.70	.30	.300	1,500	N	100	--	<1.0	15	--
A1308A	45 35 42	70 7 14	2.00	.70	.20	.300	1,500	N	70	--	<1.0	20	--
A1310A	45 34 39	70 11 57	3.00	.70	.50	.300	2,000	N	70	--	<1.0	15	--
A1311A	45 34 41	70 11 59	2.00	.50	.50	.200	1,500	N	50	--	<1.0	5	--
A1313A	45 35 12	70 13 20	2.00	.70	.50	.300	1,500	N	70	--	<1.0	10	--
A1314A	45 35 38	70 13 25	2.00	.70	.30	.300	2,000	N	70	--	<1.0	20	--

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Cu	La	Mo	Nb	Ni	Pb	Sc	Sn	Sr	V	W	Y	Zn-s	Zn-a	Zr
A1249A	50	50	N	N	50	50	10	N	<100	70	N	20	N	110	100
A1250A	30	30	N	<20	70	50	15	N	<100	70	N	20	N	90	200
A1251A	7	N	N	N	5	10	N	N	N	10	N	<10	N	85	<10
A1252A	10	<20	N	N	50	15	10	N	<100	50	N	20	N	100	150
A1253A	20	<20	N	N	50	15	7	N	<100	50	N	15	N	65	100
A1254A	5	<20	N	N	20	10	5	N	<100	30	N	<10	N	120	150
A1255A	10	<20	N	N	30	30	5	N	<100	70	N	10	N	90	70
A1266A	20	<20	N	<20	50	50	7	N	<100	50	N	15	N	75	100
A1268A	300	50	15	N	30	30	10	N	<100	70	N	20	<200	220	100
A1269A	70	<20	5	N	20	30	7	N	<100	50	N	15	<200	75	150
A1270A	10	30	N	<20	15	30	7	N	<100	50	N	15	<200	80	100
A1271A	15	<20	N	N	5	30	5	N	<100	20	N	10	N	90	100
A1272A	10	30	10	N	20	50	7	N	200	50	N	15	N	110	100
A1274A	70	<20	20	N	15	30	7	N	<100	50	N	15	N	55	100
A1275A	1,000	<20	100	N	15	30	5	N	<100	50	N	15	N	200	100
A1276A	1,000	<20	100	N	10	30	5	N	<100	20	N	15	N	110	70
A1277A	10	<20	N	N	50	30	10	N	<100	50	N	15	N	90	150
A1279A	7	50	N	<20	30	15	10	N	<100	50	N	15	N	35	150
A1280A	20	50	N	<20	70	30	10	N	<100	70	N	20	N	150	100
A1281A	7	<20	N	N	30	15	5	N	<100	50	N	10	N	80	100
A1282A	10	<20	N	N	30	15	7	N	<100	50	N	15	N	70	200
A1283A	<5	<20	N	N	15	10	5	N	<100	20	N	10	N	110	50
A1284A	5	<20	N	N	15	30	5	N	<100	50	N	15	N	30	100
A1285A	10	<20	<5	N	20	30	5	N	<100	30	N	10	N	120	20
A1286A	10	50	N	N	30	20	7	N	<100	50	N	20	N	70	70
A1287A	10	<20	N	N	20	10	5	N	<100	20	N	10	N	65	30
A1288A	10	<20	N	<20	15	20	7	N	200	20	N	10	N	45	100
A1289A	10	<20	N	<20	20	30	7	N	<100	50	N	20	N	40	150
A1290A	10	70	N	<20	20	20	10	N	<100	50	N	20	N	55	100
A1291A	15	50	N	<20	30	30	7	N	<100	70	N	15	N	90	70
A1293A	10	50	N	N	20	20	7	N	<100	50	N	10	N	40	200
A1294A	10	50	N	N	30	30	10	N	<100	70	N	20	N	90	70
A1295A	15	70	N	N	50	30	10	N	<100	70	N	20	N	75	200
A1296A	30	<20	N	N	70	30	7	N	<100	70	N	30	N	180	200
A1297A	10	<20	N	N	100	20	7	N	<100	50	N	20	N	120	100
A1298A	5	<20	N	N	20	20	7	N	<100	50	N	15	N	30	50
A1299A	10	70	N	N	30	30	7	N	<100	50	N	15	N	50	150
A1300A	10	50	N	N	20	20	10	N	200	50	N	20	N	45	100
A1301A	10	<20	N	N	7	15	7	N	<100	50	N	15	N	45	100
A1302A	10	<20	N	N	5	20	5	N	<100	50	N	15	N	50	200
A1303A	5	<20	N	N	5	20	5	N	<100	50	N	15	N	40	100
A1304A	10	<20	N	N	10	70	<5	N	<100	20	<50	15	N	--	20
A1305A	10	<20	N	N	30	50	<5	N	<100	20	N	10	N	105	30
A1306A	20	<20	N	N	30	50	<5	N	<100	30	N	10	N	130	50
A1307A	70	50	10	N	70	30	7	N	<100	50	N	15	N	--	100
A1308A	15	50	N	N	50	30	7	N	<100	70	N	30	N	90	200
A1310A	15	30	N	N	50	20	7	N	<100	70	N	20	N	75	100
A1311A	10	<20	N	N	20	30	5	N	<100	50	N	15	N	85	50
A1313A	10	50	N	N	30	30	7	N	<100	50	N	20	N	75	70
A1314A	15	30	N	N	70	30	10	N	<100	70	N	30	N	120	70

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Latitude	Longitude	Fe pct	Mg pct	Ca pct	Ti pct	Mn	Ag	B	Ba	Be	Co	Cr
A1315A	45 35 41	70 13 32	2.00	.70	.50	.300	1,000	N	70	--	<1.0	10	--
A1316A	45 35 14	70 13 9	2.00	.70	.30	.500	1,500	N	100	--	<1.0	30	--
A1318A	45 34 2	70 8 47	2.00	.05	.20	.050	>5,000	N	20	200	2.0	30	20
A1332A	45 33 24	70 8 54	1.50	.50	.50	.200	700	N	70	200	3.0	7	100
A1341A	45 25 17	70 17 59	2.00	.70	.70	.200	700	N	50	--	<1.0	10	--
A1342A	45 24 40	70 17 12	1.50	.70	1.50	.500	1,000	N	30	--	<1.0	7	--
A1343A	45 24 8	70 17 25	2.00	.20	2.00	.200	1,500	N	30	--	<1.0	15	--
A1344A	45 36 4	70 30 19	1.00	.50	.70	.200	200	N	70	300	1.0	5	50
A1346A	45 35 47	70 30 50	1.50	.70	.30	.300	300	N	150	200	1.5	7	150
A1347A	45 38 11	70 34 4	1.50	.50	.50	.500	1,500	N	100	300	1.5	10	300
A1348A	45 38 7	70 34 10	1.50	.50	.30	.300	300	N	150	300	1.5	7	150
A1349A	45 37 21	70 33 28	2.00	.70	.70	.300	1,500	N	100	300	1.5	10	50
A1350A	45 27 9	70 14 57	1.00	.30	.50	.200	200	N	100	300	1.5	5	150
A1351A	45 29 3	70 13 6	1.00	.20	.70	.100	300	.7	70	500	1.5	5	20
A1352A	45 29 1	70 13 15	.70	.20	1.00	.150	300	N	70	300	1.5	<5	N
A1353A	45 27 51	70 14 38	3.00	.50	1.00	.200	2,000	N	70	300	5.0	10	15
A1354A	45 27 51	70 14 46	1.00	.30	1.00	.200	300	N	70	300	1.5	<5	10
A1356A	45 29 48	70 14 8	1.00	.30	1.00	.150	500	N	50	300	1.5	<5	N
A1357A	45 29 50	70 13 56	.70	.15	.50	.100	200	N	50	300	1.5	N	N
A1358A	45 28 17	70 19 29	2.00	5.00	3.00	.300	700	N	30	200	1.0	30	500
A1359A	45 28 43	70 19 1	1.50	1.00	2.00	.200	500	N	30	300	1.5	7	70
A1360A	45 28 41	70 19 2	2.00	1.00	2.00	.300	700	N	50	500	1.0	20	70
A1361A	45 28 32	70 18 33	.10	.03	.50	.100	100	N	70	100	1.5	N	N
A1362A	45 28 20	70 18 12	1.00	.50	.70	.150	200	N	50	500	1.0	5	10
A1363A	45 30 24	70 8 42	.70	<.02	.20	.050	5,000	N	10	150	2.0	7	<10
A1364A	45 30 29	70 8 33	1.50	.30	.30	.150	1,000	N	50	300	1.5	7	20
A1365A	45 30 10	70 10 35	1.50	.30	1.00	.200	2,000	1.0	50	300	2.0	7	30
A1366A	45 30 12	70 10 25	3.00	.20	.70	.150	>5,000	N	50	300	2.0	20	70
A1367A	45 30 59	70 18 10	.70	.15	.30	.300	300	N	70	150	1.5	5	50
A1368A	45 35 28	70 19 21	1.00	.10	.20	.100	2,000	N	50	200	5.0	15	70
A1369A	45 35 35	70 19 31	1.50	.30	.50	.200	1,500	N	70	200	3.0	10	300
A1370A	45 31 23	70 33 10	1.50	.30	.50	.200	1,500	N	50	200	1.5	10	20
A1371A	45 31 34	70 32 48	2.00	.30	.70	.300	2,000	N	50	200	1.5	7	50
A1372A	45 31 36	70 32 19	2.00	.50	.70	.300	1,000	N	50	200	1.5	7	50
A1373A	45 33 43	70 25 51	1.50	.30	.30	.200	500	N	70	150	1.5	<5	300
A1374A	45 33 57	70 25 58	1.50	.30	.50	.500	500	N	70	150	1.5	7	300
A1376A	45 34 12	70 28 54	1.00	.30	.30	.300	700	N	70	200	1.5	5	10
A1377A	45 33 30	70 30 21	1.00	.30	.70	.300	700	N	100	300	1.5	7	20
A1378A	45 33 28	70 30 51	2.00	.50	1.00	.300	2,000	N	70	300	2.0	10	70
A1380A	45 32 53	70 30 1	.70	.20	.70	.200	300	N	70	200	1.5	10	50
A1381A	45 32 47	70 29 40	1.50	.30	.70	.300	700	N	70	200	1.5	10	50
A1383A	45 34 9	70 27 22	1.50	.50	.50	.300	1,000	N	70	150	1.5	10	150
A1384A	45 31 57	70 25 21	3.00	.50	.50	.500	700	N	50	150	1.5	10	150
A1385A	45 31 51	70 25 51	1.00	.30	.50	.200	300	N	70	200	1.5	7	70
A1387A	45 32 7	70 25 44	1.00	.30	.50	.300	1,500	N	50	200	1.0	5	70
A1388A	45 35 12	70 9 10	2.00	.50	.30	.300	500	N	70	300	1.5	10	100
A1389A	45 37 18	70 9 22	1.50	.50	.20	.300	300	N	70	150	1.0	7	30
A1390A	45 37 21	70 9 55	1.50	.50	.20	.200	500	N	100	200	1.0	7	70
A1391A	45 36 52	70 9 57	3.00	.70	.50	.300	2,000	N	70	300	5.0	20	100
A1392A	45 36 58	70 10 47	2.00	.50	.30	.300	1,500	N	100	200	1.5	7	70

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Cu	La	Mo	Nb	Ni	Pb	Sc	Sn	Sr	V	W	Y	Zn-s	Zn-a	Zr
A1315A	15	50	N	N	70	20	10	N	<100	70	N	30	N	85	70
A1316A	15	70	N	<20	30	30	10	N	<100	70	N	50	N	40	200
A1318A	15	N	N	N	15	150	<5	N	N	10	N	<10	N	190	100
A1332A	10	30	N	N	20	30	7	N	100	50	N	15	N	85	200
A1341A	15	<20	N	N	20	20	10	N	<100	70	N	20	N	45	150
A1342A	15	<20	N	N	15	20	10	N	<100	70	N	20	N	65	150
A1343A	15	<20	N	N	70	20	15	N	<100	70	N	20	N	80	70
A1344A	7	20	N	N	20	15	5	N	150	30	N	30	N	30	200
A1346A	10	50	N	N	50	20	7	N	100	70	N	20	N	40	300
A1347A	15	N	N	N	30	20	10	N	150	70	N	30	N	60	500
A1348A	10	30	N	N	30	15	10	N	100	70	N	30	N	35	700
A1349A	15	70	5	N	50	30	10	N	150	100	N	20	N	65	300
A1350A	5	30	N	N	20	15	7	N	150	50	N	15	N	45	300
A1351A	<5	N	N	N	10	20	5	N	200	50	N	10	N	30	300
A1352A	5	N	7	N	7	20	5	N	200	30	N	10	N	45	100
A1353A	15	30	N	N	20	30	7	N	150	70	N	15	N	100	200
A1354A	5	N	N	N	7	20	7	N	150	50	N	15	N	25	300
A1356A	5	N	N	N	5	20	7	N	200	30	N	15	N	25	70
A1357A	5	N	N	N	<5	15	5	N	150	20	N	<10	N	15	200
A1358A	7	30	5	N	150	15	20	N	500	150	N	15	N	15	300
A1359A	10	30	N	N	20	20	15	N	300	70	<50	15	N	35	300
A1360A	15	N	N	N	50	20	15	N	300	100	N	15	N	55	150
A1361A	<5	30	N	N	N	10	5	N	100	10	N	10	N	30	200
A1362A	<5	N	10	N	10	15	5	N	200	50	N	<10	N	15	300
A1363A	5	N	N	N	N	15	N	N	N	N	N	N	N	220	10
A1364A	7	N	5	N	15	30	5	N	100	30	N	10	N	80	200
A1365A	15	50	10	N	15	50	7	N	150	50	N	10	N	100	150
A1366A	15	20	20	N	15	50	7	N	150	50	N	15	N	120	100
A1367A	5	N	N	N	15	20	5	N	150	50	N	10	N	15	200
A1368A	50	50	20	N	20	70	5	N	<100	30	N	15	N	160	200
A1369A	15	30	15	N	30	50	7	N	150	50	N	15	N	100	300
A1370A	10	N	N	N	20	30	7	N	100	50	N	15	N	85	200
A1371A	7	N	N	N	15	30	7	N	150	50	N	15	N	90	200
A1372A	7	N	N	N	20	30	7	N	150	50	N	20	N	65	200
A1373A	7	N	N	N	20	20	5	N	100	50	N	15	N	45	200
A1374A	5	N	N	N	20	15	5	N	100	70	N	20	N	55	200
A1376A	7	N	N	N	20	30	<5	N	100	50	N	15	N	35	300
A1377A	5	N	N	N	15	30	5	N	150	30	N	15	N	40	200
A1378A	15	30	N	N	50	30	7	N	150	70	N	30	N	140	100
A1380A	5	N	N	N	15	30	5	N	100	30	N	10	N	40	100
A1381A	10	N	N	N	20	30	7	N	100	50	N	15	N	55	200
A1383A	15	30	N	N	50	50	5	N	100	70	N	30	N	80	300
A1384A	10	70	N	N	30	N	10	N	<100	100	N	30	N	50	300
A1385A	20	70	N	N	20	15	15	N	100	70	N	50	N	40	300
A1387A	<5	50	N	N	15	20	7	N	100	50	N	15	N	50	300
A1388A	10	30	N	N	50	30	7	N	100	70	N	15	N	90	300
A1389A	<5	30	N	N	20	15	5	N	N	50	N	15	N	40	300
A1390A	7	20	N	N	20	30	7	N	100	70	N	15	N	45	200
A1391A	15	N	N	N	50	30	20	N	<100	100	N	20	N	170	100
A1392A	7	20	N	N	50	20	7	N	<100	70	N	20	N	60	300

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Latitude	Longitude	Fe pct	Mg pct	Ca pct	Ti pct	Mn	Ag	B	Ba	Be	Co	Cr
A1393A	45 36 48	70 10 26	2.00	.70	.30	.300	500	N	70	200	1.5	10	200
A1394A	45 36 59	70 9 49	3.00	.70	.20	.200	2,000	N	100	300	3.0	20	200
A1395A	45 36 47	70 11 59	2.00	.70	.30	.300	700	N	100	200	2.0	10	100
A1396A	45 36 20	70 11 50	2.00	.70	.30	.300	1,500	N	150	300	1.0	15	70
A1397A	45 32 4	70 13 58	1.50	.50	.50	.200	500	N	70	300	2.0	5	150
A1398A	45 31 52	70 13 51	1.00	.20	.50	.150	700	N	50	300	1.5	<5	N
A1401A	45 34 55	70 35 10	1.50	.50	.70	.300	700	N	70	150	1.5	7	300
A1402A	45 35 57	70 34 13	2.00	.50	.50	.300	1,000	N	70	200	1.5	7	30
A1403A	45 35 58	70 34 13	1.50	.50	.50	.200	1,000	N	100	200	1.5	7	150
A1404A	45 36 5	70 31 29	2.00	.50	.30	.300	1,500	N	150	300	1.5	20	100
A1405A	45 36 42	70 30 57	3.00	.70	.50	.300	3,000	N	100	300	2.0	30	150
A1406A	45 36 47	70 30 59	2.00	.50	.30	.200	1,500	N	100	300	1.5	10	100
A1407A	45 36 56	70 33 4	1.50	.50	.30	.200	1,500	N	150	200	2.0	7	150
A1408A	45 37 26	70 33 44	2.00	.50	.30	.300	700	N	100	200	1.5	7	200
A1409A	45 36 29	70 32 56	3.00	.70	.50	.200	2,000	N	150	300	2.0	10	100
A1410A	45 36 6	70 32 34	1.50	.50	.50	.300	1,000	N	100	150	1.5	5	300
A1411A	45 29 59	70 12 43	2.00	.30	.70	.150	1,500	.7	70	300	5.0	7	50
A1412A	45 29 46	70 12 27	1.50	.20	.50	.150	2,000	N	70	200	3.0	7	10
A1413A	45 29 35	70 12 33	1.50	.30	.50	.200	1,000	1.0	70	300	1.5	7	200
A1414A	45 32 13	70 20 17	1.00	.20	.70	.200	300	N	100	150	2.0	5	50
A1415A	45 32 20	70 19 49	2.00	.50	.50	.200	300	N	70	200	1.5	5	70
A1416A	45 32 21	70 19 26	.70	.20	.30	.200	200	N	70	200	1.5	N	50
A1417A	45 31 41	70 19 39	1.00	.30	.50	.300	300	N	100	150	1.5	5	70
A1418A	45 31 41	70 19 34	1.00	.50	.30	.200	300	N	100	200	1.5	5	100
A1419A	45 33 23	70 30 7	.20	.10	.30	.100	500	N	50	100	1.5	N	15
A1420A	45 33 3	70 30 8	1.50	.30	.30	.300	3,000	N	50	200	3.0	20	200
A1421A	45 31 32	70 32 5	.70	.15	.70	.200	300	N	50	200	1.5	5	150
A1422A	45 29 15	70 13 21	1.50	.15	.50	.100	2,000	N	30	300	3.0	7	10
A1423A	45 31 52	70 19 2	.70	.30	.30	.200	200	N	30	150	1.5	N	70
A1424A	45 31 43	70 18 49	.50	.15	.30	.200	150	N	70	150	1.5	N	50
A1425A	45 31 40	70 18 45	.70	.30	.50	.300	200	N	70	200	1.0	N	70
A1426A	45 31 42	70 18 38	1.00	.30	.50	.300	200	N	100	150	1.0	N	50
A1427A	45 31 33	70 18 15	1.00	.30	.30	.300	200	N	100	200	1.0	N	70
A1428A	45 31 19	70 18 8	.70	.20	.30	.200	150	N	70	150	1.5	N	20
A1429A	45 31 17	70 17 54	.70	.20	.30	.200	200	N	100	200	1.5	N	50
A1431A	45 23 40	70 18 35	1.50	.30	.70	.300	700	N	70	300	1.5	7	30
A1432A	45 23 0	70 18 28	1.50	.30	.70	.150	700	N	50	300	1.5	5	300
A1434A	45 34 4	70 28 21	1.50	.30	.50	.300	700	N	50	200	1.0	7	500
A1435A	45 28 10	70 27 0	1.50	.30	.70	.300	1,000	N	50	300	1.5	5	200
A1436A	45 28 10	70 26 55	1.50	.30	.50	.300	1,500	N	50	300	1.5	7	200
A1437A	45 28 9	70 26 46	2.00	.20	.50	.200	3,000	N	50	300	1.5	30	20
A1438A	45 28 0	70 26 3	1.00	.02	.30	.050	3,000	N	10	100	1.0	N	10
A1439A	45 27 50	70 25 26	1.50	.50	.30	.500	700	N	50	200	1.0	10	15
A1440A	45 34 52	70 11 9	1.50	.70	.30	.300	1,500	N	70	300	2.0	10	300
A1442A	45 32 3	70 32 54	2.00	.30	.30	.300	1,500	N	50	200	1.5	15	150
A1446A	45 32 5	70 32 55	1.50	.50	.70	.200	1,500	N	70	300	1.5	15	150
A1449A	45 32 43	70 24 39	1.00	.50	.50	.300	200	N	100	200	1.5	5	70
A1451A	45 32 37	70 24 26	2.00	.50	1.00	.300	1,500	N	70	300	1.5	7	150
A1452A	45 33 9	70 24 24	1.50	.30	.50	.300	300	N	70	200	1.5	5	70
A1453A	45 33 19	70 24 2	1.00	.30	.70	.100	500	<.5	70	300	1.5	5	150

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Cu	La	Mo	Nb	Ni	Pb	Sc	Sn	Sr	V	W	Y	Zn-s	Zn-a	Zr
A1393A	15	20	N	N	50	30	7	N	N	100	N	20	N	65	200
A1394A	10	30	N	N	70	50	10	N	100	100	N	20	N	130	100
A1395A	10	30	N	N	50	30	7	N	<100	70	N	15	N	95	100
A1396A	10	20	N	N	70	30	5	N	N	100	N	15	N	75	300
A1397A	50	50	5	N	30	15	7	N	150	70	N	15	N	85	200
A1398A	70	30	7	N	10	15	<5	N	150	30	N	<10	N	140	200
A1401A	7	20	N	N	20	20	7	N	150	70	N	10	N	45	300
A1402A	7	30	N	N	20	20	7	N	150	70	N	15	N	55	200
A1403A	7	20	N	N	30	20	5	N	100	50	N	20	N	60	300
A1404A	5	30	N	N	20	30	5	N	100	70	N	15	N	50	200
A1405A	10	N	N	N	30	70	7	N	100	70	N	15	N	65	100
A1406A	7	30	N	N	70	30	7	N	100	50	N	20	N	80	200
A1407A	10	N	N	N	50	30	7	N	100	50	N	20	N	65	200
A1408A	5	N	N	N	30	20	5	N	100	50	N	30	N	50	300
A1409A	10	N	N	N	50	30	7	N	100	100	N	20	N	85	200
A1410A	7	N	N	N	30	15	5	N	100	50	N	20	N	50	150
A1411A	15	<20	10	N	30	30	5	N	150	70	N	10	N	11	50
A1412A	7	20	7	N	10	30	5	N	200	30	N	10	N	45	100
A1413A	10	N	N	N	15	20	7	N	150	50	N	10	N	35	150
A1414A	5	50	N	N	15	15	7	N	150	30	N	15	N	35	300
A1415A	5	20	N	N	20	15	5	N	100	30	N	15	N	30	500
A1416A	5	20	N	N	10	15	7	N	100	30	N	15	N	25	300
A1417A	5	20	N	N	15	15	5	N	100	30	N	15	N	30	300
A1418A	10	30	N	N	30	30	7	N	100	50	N	15	N	45	200
A1419A	5	30	N	N	7	15	5	N	100	10	N	15	N	110	70
A1420A	10	N	N	N	50	30	5	N	100	50	N	15	N	100	100
A1421A	7	20	N	N	15	15	<5	N	150	30	N	20	N	370	200
A1422A	7	N	N	N	10	50	<5	N	150	30	N	10	N	65	70
A1423A	<5	20	N	N	20	15	<5	N	150	30	N	10	N	80	300
A1424A	<5	20	N	N	10	15	<5	N	100	30	N	15	N	30	200
A1425A	<5	20	N	N	15	15	<5	N	150	50	N	15	N	140	300
A1426A	<5	20	N	N	15	15	<5	N	150	50	N	15	N	75	300
A1427A	<5	N	N	N	15	20	5	N	150	50	N	15	N	45	300
A1428A	<5	20	N	N	10	15	<5	N	150	30	N	15	N	65	200
A1429A	<5	N	N	N	15	20	<5	N	150	30	N	20	N	45	300
A1431A	10	30	N	N	20	30	7	N	150	50	N	20	N	30	200
A1432A	15	30	N	N	20	30	5	N	150	30	N	50	N	40	200
A1434A	7	70	N	N	15	30	5	N	100	50	N	15	N	60	300
A1435A	15	30	N	N	15	30	5	N	150	30	N	30	N	80	300
A1436A	10	N	N	N	15	30	5	N	150	50	N	15	N	55	200
A1437A	15	30	N	N	20	50	5	N	150	30	N	15	N	120	300
A1438A	7	N	N	N	N	20	N	N	N	15	N	N	N	80	10
A1439A	10	30	N	N	20	20	5	N	100	50	N	15	N	35	300
A1440A	10	30	7	N	50	30	7	N	100	70	N	30	N	40	200
A1442A	7	30	N	N	30	30	5	N	100	50	N	15	N	120	200
A1446A	5	N	N	N	30	20	<5	N	150	50	N	15	N	35	300
A1449A	7	50	N	N	20	20	5	N	150	30	N	20	N	35	300
A1451A	15	N	N	N	15	30	7	N	150	70	N	15	N	370	500
A1452A	7	N	N	N	15	30	7	N	150	70	N	15	N	30	200
A1453A	10	N	N	N	15	30	7	N	150	50	N	15	N	40	300

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Latitude	Longitude	Fe pct	Mg pct	Ca pct	Ti pct	Mn	Ag	B	Ba	Be	Co	Cr
A1455A	45 28 52	70 13 51	1.00	.30	1.00	.070	700	N	30	500	2.0	7	20
A1456A	45 28 30	70 14 48	.20	.15	.30	.150	100	N	30	150	2.0	N	10
A1457A	45 26 27	70 18 6	1.00	.20	.70	.300	700	N	50	300	2.0	5	20
A1458A	45 26 35	70 18 14	2.00	.50	1.50	.300	1,500	N	50	500	3.0	7	150
A1459A	45 27 6	70 18 37	1.50	.50	1.00	.300	1,500	N	50	300	1.5	5	20
A1460A	45 27 14	70 18 35	1.00	.30	.70	.500	1,500	N	30	500	1.0	7	20
A1461A	45 39 31	70 26 9	2.00	.70	.30	.300	1,500	N	100	500	1.5	20	700
A1462A	45 39 30	70 26 6	3.00	1.00	.30	.300	1,500	N	100	500	1.5	50	700
A1463A	45 40 24	70 27 21	1.50	.70	.30	.300	1,000	N	70	300	1.5	10	200
A1464A	45 40 43	70 25 38	3.00	.70	.30	.200	3,000	N	150	300	2.0	30	300
A1465A	45 27 16	70 20 21	1.00	.20	.50	.300	2,000	N	30	500	2.0	7	15
A1466A	45 27 46	70 22 25	1.00	.30	.70	.300	1,000	N	30	500	1.5	5	30
A1467A	45 27 26	70 22 35	1.50	.30	.70	.200	1,500	N	30	300	1.5	10	20
A1468A	45 28 3	70 24 8	1.00	.30	.70	.300	700	N	70	300	3.0	7	100
A1469A	45 27 59	70 24 17	2.00	.30	.50	.300	1,000	N	50	300	2.0	10	100
A1470A	45 27 49	70 24 42	2.00	.20	.50	.300	500	N	30	200	2.0	7	20
A1471A	45 27 49	70 24 45	2.00	.30	.70	.300	2,000	N	50	300	2.0	30	100
A1472A	45 28 14	70 23 59	2.00	.30	.50	.200	1,500	N	70	300	2.0	10	200
A1473A	45 28 10	70 10 22	1.00	.20	.70	.150	1,000	N	30	300	1.5	5	20
A1474A	45 28 15	70 10 15	1.50	.20	1.50	.200	2,000	N	50	500	2.0	7	20
A1475A	45 31 8	70 8 44	3.00	.70	.30	.300	500	N	50	500	2.0	10	300
A1476A	45 31 11	70 8 54	3.00	.30	.50	.150	2,000	N	50	500	5.0	10	70
A1478A	45 34 29	70 8 28	2.00	.70	.30	.300	500	.5	100	300	1.5	7	300
A1479A	45 34 50	70 8 3	3.00	.70	.30	.200	1,500	N	100	500	2.0	15	300
A1480A	45 34 53	70 8 4	2.00	.50	.20	.200	1,000	N	70	300	2.0	10	200
A1481A	45 35 15	70 7 43	2.00	.50	.20	.200	1,500	<.5	100	300	5.0	10	30
A1482A	45 32 50	70 8 24	2.00	.30	.50	.200	1,500	N	100	300	5.0	7	50
A1483A	45 32 53	70 8 39	1.00	.30	.50	.150	300	N	70	300	2.0	5	30
A1484A	45 33 2	70 8 33	1.50	.30	.70	.300	2,000	N	70	300	1.5	7	50
A1485A	45 33 0	70 8 37	1.00	.30	.70	.150	500	N	50	500	1.5	N	30
A1486A	45 33 1	70 7 27	2.00	.50	.30	.200	1,000	N	70	300	2.0	10	300
A1487A	45 36 3	70 23 36	1.00	.20	.50	.150	500	N	70	150	1.5	5	200
A1488A	45 36 12	70 23 47	2.00	.70	.50	.300	700	N	100	500	2.0	7	300
A1489B	45 36 17	70 23 3	.50	.20	.70	.150	700	N	100	500	2.0	5	50
A1490A	45 36 27	70 23 22	2.00	.50	.70	.200	1,000	N	100	500	2.0	15	150
A1491A	45 36 34	70 24 3	2.00	.50	.30	.300	1,000	N	150	300	1.5	15	150
A1492A	45 33 13	70 21 34	3.00	.70	1.50	.300	1,000	N	100	300	1.5	15	150
A1493A	45 33 15	70 20 34	1.50	.50	1.00	.300	1,000	N	100	300	1.5	15	300
A1494A	45 32 55	70 21 41	1.50	.50	1.00	.300	300	N	70	200	1.5	5	150
A1495A	45 33 11	70 21 52	2.00	.50	1.00	.300	1,000	N	100	300	1.5	7	150
A1496A	45 33 32	70 22 27	1.50	.30	.70	.200	700	N	100	200	2.0	7	70
A1497A	45 33 38	70 22 45	1.50	.50	.70	.300	300	N	70	200	1.5	7	200
A1498A	45 29 18	70 16 23	.70	.20	1.00	.200	700	N	30	200	2.0	5	10
A1499B	45 29 33	70 16 11	.05	.20	.20	.010	150	N	100	50	1.5	N	15
A1500A	45 28 39	70 17 36	2.00	.30	.70	.200	2,000	N	50	300	1.5	30	15
A1501A	45 28 40	70 19 32	3.00	.20	1.00	.150	>5,000	N	30	500	1.5	70	30
A1502A	45 28 54	70 19 48	.50	.15	1.50	.150	200	N	50	300	2.0	N	10
A1503A	45 29 9	70 19 55	2.00	.50	1.50	.300	3,000	N	30	150	2.0	20	20
A1504A	45 29 40	70 19 41	.20	.15	2.00	.050	200	N	50	150	1.0	N	10
A1505A	45 29 46	70 19 44	.05	.05	1.50	.010	200	N	20	100	<1.0	N	N

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Cu	La	Mo	Nb	Ni	Pb	Sc	Sn	Sr	V	W	Y	Zn-s	Zn-a	Zr
A1455A	5	30	N	N	10	30	7	N	300	70	N	15	N	40	200
A1456A	5	30	N	N	N	20	5	N	100	N	N	N	N	65	10
A1457A	10	30	N	N	15	30	7	N	100	30	N	15	N	80	70
A1458A	10	N	N	N	20	30	10	N	200	100	N	15	N	130	300
A1459A	10	N	N	N	15	30	7	N	200	70	N	30	N	55	300
A1460A	5	30	<5	N	15	20	7	N	200	70	N	20	N	80	100
A1461A	15	30	N	N	70	70	10	N	100	150	N	20	N	280	300
A1462A	15	N	N	N	100	70	10	N	<100	100	N	20	N	100	200
A1463A	10	N	N	N	30	50	7	N	100	70	N	20	N	60	500
A1464A	10	N	N	N	50	50	7	N	<100	100	N	70	N	70	300
A1465A	5	N	N	N	10	30	5	N	100	30	N	15	N	50	300
A1466A	7	50	N	N	10	30	10	N	150	50	N	20	N	60	100
A1467A	5	N	N	N	10	30	7	N	150	70	N	15	N	55	100
A1468A	5	20	N	N	20	30	7	N	150	50	N	30	N	20	300
A1469A	10	30	N	N	15	20	7	N	150	70	N	20	N	25	300
A1470A	10	30	N	N	10	30	7	N	150	70	N	20	N	30	300
A1471A	15	N	N	N	15	70	10	N	150	70	N	30	N	25	300
A1472A	10	N	N	N	20	50	7	N	100	50	N	20	N	30	200
A1473A	<5	N	N	N	7	30	5	N	150	50	N	10	N	20	200
A1474A	10	20	N	N	20	30	7	N	200	50	N	10	N	20	200
A1475A	15	N	N	N	30	50	7	N	100	70	N	10	N	60	200
A1476A	20	N	5	N	50	100	10	N	100	50	N	20	500	55	300
A1478A	7	20	<5	N	50	70	10	N	100	100	<50	15	<200	120	300
A1479A	15	20	N	N	70	70	7	N	100	100	N	15	N	65	300
A1480A	10	30	N	N	30	70	7	N	<100	70	N	10	N	95	150
A1481A	10	N	N	N	50	20	10	N	N	70	N	15	N	130	200
A1482A	15	N	N	N	30	30	7	N	100	70	N	20	N	100	300
A1483A	10	N	N	N	20	30	5	N	150	50	N	10	N	50	200
A1484A	10	N	N	N	20	100	5	N	150	50	N	15	<200	240	100
A1485A	5	N	N	N	10	15	5	N	200	30	N	10	N	35	100
A1486A	10	30	N	N	50	50	5	N	150	70	N	15	N	75	100
A1487A	10	N	N	N	20	50	5	N	150	20	N	20	N	60	100
A1488A	15	50	<5	N	70	70	7	N	150	50	N	15	N	85	100
A1489B	15	N	N	N	20	50	10	N	150	30	N	20	N	120	200
A1490A	10	20	7	N	30	30	10	N	100	50	N	30	N	100	200
A1491A	15	50	5	N	100	20	10	N	100	100	N	30	N	95	300
A1492A	15	70	N	N	30	15	15	N	150	150	N	50	N	40	200
A1493A	7	N	N	N	20	30	10	N	150	70	N	10	N	70	200
A1494A	5	30	N	N	20	15	5	N	150	50	N	15	N	25	200
A1495A	15	20	<5	N	30	20	7	N	150	70	N	20	N	45	300
A1496A	10	30	N	N	20	10	7	N	150	30	N	20	N	75	200
A1497A	15	20	N	N	20	20	10	N	100	70	N	20	N	50	300
A1498A	5	30	N	N	10	30	7	N	200	30	N	15	N	55	70
A1499B	20	N	N	N	N	20	5	N	N	N	N	10	N	50	20
A1500A	5	N	N	N	15	50	5	N	150	100	N	10	N	65	300
A1501A	10	20	N	N	15	100	7	N	150	100	N	10	N	85	70
A1502A	15	50	N	N	7	30	10	N	200	20	N	30	N	40	150
A1503A	15	50	<5	N	20	30	7	N	150	70	N	30	N	130	70
A1504A	10	30	N	N	N	10	<5	N	200	N	N	N	N	20	50
A1505A	5	N	N	N	N	<10	N	N	200	N	N	N	N	25	10

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Latitude	Longitude	Fe pct	Mg pct	Ca pct	Ti pct	Mn	Ag	F	Ba	Be	Co	Cr
A1506A	45 29 53	70 19 48	1.00	.50	1.50	.200	500	N	50	500	2.0	15	15
A1507A	45 29 46	70 19 4	2.00	.70	1.00	.030	1,500	N	50	300	2.0	15	15
A1508A	45 29 20	70 19 11	.50	.05	1.00	.050	5,000	N	30	200	1.5	15	N
A1509A	45 33 28	70 8 49	1.00	.10	.30	.070	>5,000	N	30	300	7.0	15	10
A1510A	45 40 31	70 25 28	2.00	.70	.30	.300	2,000	N	100	300	2.0	50	300
A1511A	45 40 25	70 25 14	2.00	.70	.30	.500	300	N	150	500	1.5	15	100
A1512A	45 40 37	70 24 54	1.50	1.00	.30	.500	200	N	150	300	1.5	10	150
A1513A	45 40 30	70 24 45	2.00	1.00	.30	.500	1,500	N	150	500	1.5	20	500
A1514A	45 38 40	70 30 48	2.00	.50	.30	.200	1,500	N	100	300	3.0	15	70
A1515A	45 38 50	70 30 39	2.00	.70	.30	.500	1,500	7.0	200	300	2.0	15	300
A1516A	45 34 39	70 32 14	1.00	.50	.70	.300	300	N	100	300	2.0	5	100
A1517A	45 34 41	70 32 14	1.50	.70	1.00	.300	1,500	N	70	300	2.0	10	700
A1518A	45 34 44	70 32 16	3.00	.70	1.00	.500	3,000	N	70	300	1.5	15	700
A1519A	45 34 38	70 32 42	2.00	.50	1.00	.300	1,500	N	50	300	1.5	10	70
A1520A	45 34 42	70 33 5	2.00	.70	.30	.300	1,000	N	100	300	1.5	10	100
A1521A	45 34 51	70 14 39	2.00	.70	.50	.300	1,000	N	150	200	1.5	7	70
A1522A	45 34 37	70 14 15	3.00	.70	.50	.300	5,000	N	100	500	1.5	70	100
A1523A	45 34 34	70 14 15	1.00	.50	.50	.300	300	N	70	300	1.5	5	100
A1524A	45 33 43	70 14 6	1.00	.30	.50	.300	300	N	70	300	1.5	5	50
A1525A	45 33 40	70 13 37	1.50	.50	.70	.300	500	N	70	300	2.0	7	100
A1526A	45 33 38	70 13 7	1.00	.30	.50	.300	200	N	70	300	1.5	5	70
A1527A	45 33 39	70 12 56	2.00	.70	.30	.300	700	<.5	70	300	2.0	10	70
A1528A	45 33 18	70 11 4	1.00	.30	.50	.300	1,000	N	100	300	1.5	7	70
A1529A	45 33 6	70 10 41	3.00	1.00	.50	.300	500	N	70	300	1.5	10	20
A1530A	45 32 56	70 10 35	2.00	.50	.70	.300	2,000	N	70	300	3.0	15	50
A1531A	45 32 52	70 18 42	1.00	.50	.70	.300	300	N	100	300	2.0	<5	20
A1532A	45 32 45	70 19 3	1.50	.50	.50	.300	700	N	100	300	1.5	7	50
A1533A	45 32 41	70 19 51	1.00	.50	.50	.200	300	N	100	300	1.0	7	30
A1534A	45 32 36	70 20 8	1.00	.50	.50	.200	300	N	70	500	2.0	7	100
A1535A	45 30 42	70 13 36	1.00	.30	.50	.200	700	N	50	300	1.5	7	10
A1536A	45 30 51	70 13 10	1.50	.50	.50	.200	500	N	70	500	2.0	7	200
A1537A	45 30 41	70 13 8	.50	.15	.70	.100	200	N	50	200	3.0	N	10
A1538A	45 30 43	70 12 54	1.00	.30	.70	.200	300	N	50	300	2.0	<5	50
A1539A	45 30 53	70 12 15	1.50	.50	.50	.300	500	N	100	500	1.5	7	50
A1540A	45 30 40	70 11 30	2.00	.70	.50	.200	2,000	N	70	500	2.0	15	70
A1543A	45 36 21	70 21 6	2.00	.70	.50	.300	2,000	N	70	500	2.0	15	700
A1544A	45 36 24	70 21 8	1.00	.70	.50	.300	500	N	50	300	2.0	5	300
A1545A	45 36 26	70 21 50	2.00	.70	.30	.200	1,000	N	100	500	2.0	20	100
A1546A	45 36 25	70 22 15	.50	.20	.30	.150	150	N	100	150	1.0	N	500
A1547A	45 35 58	70 22 16	.50	.10	.30	.100	100	N	70	200	3.0	N	30
A1548A	45 35 32	70 21 22	1.50	.20	.30	.150	1,500	N	50	150	3.0	7	50
A1549A	45 35 45	70 21 20	1.50	.50	1.00	.200	2,000	N	50	300	3.0	7	150
A1550A	45 36 17	70 20 30	2.00	.70	.50	.300	700	N	70	500	5.0	15	200
A1551A	45 30 51	70 19 25	.15	.10	1.00	.050	700	N	30	100	3.0	N	10
A1552A	45 31 13	70 20 23	1.00	.20	1.00	.200	1,000	N	70	500	2.0	5	20
A1553A	45 31 28	70 20 50	1.00	.50	1.00	.200	300	N	70	500	3.0	5	70
A1554A	45 31 31	70 21 33	3.00	1.00	1.00	.300	1,500	N	70	500	1.5	20	200
A1555A	45 30 21	70 19 25	.50	.20	1.50	.200	300	N	30	200	2.0	N	N
A1556A	45 32 54	70 9 23	2.00	.50	1.00	.200	1,500	N	50	500	3.0	10	50
A1557A	45 32 44	70 10 1	1.50	.20	.50	.200	3,000	N	50	300	3.0	20	10

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Cu	La	Mo	Nb	Ni	Pb	Sc	Sn	Sr	V	W	Y	Zn-s	Zn-a	Zr
A1506A	15	30	N	N	15	30	10	N	200	70	N	15	N	50	100
A1507A	7	50	N	N	15	100	7	N	300	100	N	15	N	75	100
A1508A	5	30	N	N	N	70	<5	N	150	15	N	10	N	85	70
A1509A	15	30	N	N	15	150	5	N	150	20	N	15	500	590	50
A1510A	10	20	N	N	70	70	7	N	100	70	N	15	N	100	200
A1511A	5	30	N	N	50	20	7	N	100	70	N	20	N	60	300
A1512A	10	30	N	N	50	30	7	N	150	70	N	15	N	55	200
A1513A	10	30	N	N	70	30	10	N	100	70	N	30	N	75	300
A1514A	10	70	N	N	50	30	7	N	100	50	N	15	N	100	200
A1515A	15	N	N	N	70	30	10	N	100	70	N	30	N	90	300
A1516A	10	N	N	N	20	20	7	N	100	50	N	20	N	45	300
A1517A	10	100	N	N	30	30	7	N	200	70	N	30	N	75	300
A1518A	15	N	N	N	30	30	7	N	150	100	N	20	N	50	200
A1519A	5	70	N	N	15	30	7	N	150	70	N	10	N	75	200
A1520A	7	30	N	N	30	30	7	N	100	70	N	30	N	60	300
A1521A	7	30	N	N	20	30	7	N	100	70	N	20	N	70	300
A1522A	10	N	10	N	20	70	10	N	150	150	N	20	N	65	300
A1523A	7	N	N	N	15	20	5	N	100	70	N	15	N	85	300
A1524A	20	30	5	N	15	30	5	N	150	70	N	10	N	30	300
A1525A	7	20	<5	N	20	30	10	N	150	70	N	15	N	35	300
A1526A	7	20	5	N	15	30	7	N	150	70	N	10	N	35	200
A1527A	15	20	10	N	30	30	10	N	100	100	N	15	N	55	200
A1528A	7	20	N	N	15	30	5	N	150	70	N	10	N	40	300
A1529A	10	20	5	N	20	30	7	N	100	70	N	15	N	70	200
A1530A	15	30	10	N	20	50	7	N	150	70	N	15	N	85	200
A1531A	<5	20	N	N	15	30	10	N	150	70	N	15	N	310	150
A1532A	10	50	N	N	30	20	7	N	150	50	N	15	N	75	300
A1533A	5	30	N	N	20	15	7	N	150	50	N	15	N	85	300
A1534A	10	70	N	N	20	20	10	N	100	70	N	20	N	95	300
A1535A	10	20	<5	N	10	20	7	N	150	50	N	10	N	40	150
A1536A	30	20	7	N	20	30	7	N	150	70	N	15	N	80	200
A1537A	15	30	<5	N	7	20	5	N	100	20	N	15	N	240	200
A1538A	15	20	<5	N	10	30	5	N	150	50	N	10	N	85	200
A1539A	20	30	5	N	15	30	7	N	100	70	N	15	N	80	300
A1540A	15	30	10	N	20	70	10	N	100	70	N	15	N	130	200
A1543A	10	N	<5	N	50	70	10	N	100	100	N	20	N	80	300
A1544A	7	30	N	N	20	30	5	N	100	70	N	15	N	50	100
A1545A	15	30	N	N	70	50	7	N	100	70	N	15	N	90	300
A1546A	<5	50	N	N	5	15	<5	N	100	30	N	10	N	20	200
A1547A	7	20	N	N	30	15	7	N	<100	20	N	15	N	60	70
A1548A	10	50	<5	N	30	15	7	N	<100	30	N	30	N	95	70
A1549A	15	50	<5	N	50	30	7	N	150	70	N	20	N	120	100
A1550A	20	70	N	N	50	30	10	N	100	100	N	30	N	65	300
A1551A	5	20	N	N	<5	30	N	N	150	15	N	N	N	55	20
A1552A	10	30	N	N	15	20	7	N	150	30	N	30	N	150	200
A1553A	10	30	N	N	15	70	7	N	100	50	N	20	N	60	300
A1554A	20	30	5	N	20	20	10	N	100	100	N	20	N	150	100
A1555A	<5	30	N	N	5	20	7	N	200	30	N	15	N	65	70
A1556A	15	20	10	N	50	50	7	N	100	70	N	30	N	160	300
A1557A	15	30	<5	N	20	30	7	N	150	50	N	15	N	110	100

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Latitude	Longitude	Fe pct	Mg pct	Ca pct	Ti pct	Mn	Ag	B	Ba	Be	Co	Cr
A1558A	45 32 39	70 10 15	1.50	.20	.50	.200	300	N	70	500	3.0	7	20
A1559A	45 32 37	70 10 36	1.50	.30	.50	.200	500	N	50	500	3.0	7	20
A1560A	45 32 52	70 9 46	2.00	.30	.50	.150	5,000	N	50	700	2.0	15	10
A1561A	45 33 8	70 9 20	1.50	.30	.50	.200	1,000	N	50	500	2.0	7	100
A1597A	45 29 47	70 11 56	1.50	.30	.20	.300	2,000	<.5	70	500	1.0	10	50
A1599A	45 39 36	70 29 48	2.00	.70	.20	.700	700	N	70	300	1.5	15	100
A1600A	45 39 47	70 29 21	2.00	.30	.20	.700	700	N	70	300	1.0	15	300
A1601A	45 40 7	70 27 49	1.50	.50	.15	.500	1,000	N	70	300	1.0	20	200
A1602A	45 40 6	70 27 50	1.50	.50	.15	.500	700	<.5	70	300	1.5	15	300
A1604A	45 37 23	70 26 46	2.00	.30	.30	.500	5,000	N	70	500	1.5	20	100
A1605A	45 38 23	70 19 25	3.00	.50	.20	.500	>5,000	N	50	500	1.5	50	200
A1606A	45 36 49	70 18 31	1.50	.30	.20	.500	500	.5	50	500	1.5	10	200
A1607A	45 40 23	70 24 0	1.50	.30	.20	.700	1,000	N	70	500	1.5	20	150
A1609A	45 40 18	70 22 53	1.00	.30	.15	.300	1,000	N	70	300	1.0	10	150
A1610A	45 35 34	70 14 58	2.00	.30	.30	.300	5,000	N	50	500	1.5	30	150
A1612A	45 28 56	70 15 49	.70	.20	.50	.150	1,000	N	15	200	1.5	5	20
A1613A	45 28 38	70 15 46	.70	.15	.50	.200	1,000	N	N	200	1.5	7	20
A1614A	45 28 41	70 23 51	1.00	.20	.50	.300	500	N	30	500	1.5	7	150
A1615A	45 28 43	70 23 55	2.00	.20	.50	.500	>5,000	N	30	700	1.5	30	70
A1616A	45 28 39	70 23 57	1.50	.10	.15	.150	3,000	N	30	300	2.0	20	50
A1617A	45 29 17	70 11 14	1.00	.30	.70	.300	1,500	N	30	700	1.5	10	50
A1618A	45 28 45	70 13 42	1.50	.20	.30	.200	>5,000	N	30	500	1.5	20	50
A1619A	45 29 36	70 13 9	1.50	.30	.50	.300	2,000	N	30	700	1.5	7	50
A1620A	45 33 2	70 8 13	1.50	.30	.50	.300	2,000	2.0	30	500	2.0	7	200
A1621A	45 29 52	70 15 19	.50	.10	.70	.150	1,000	N	30	200	1.5	7	N
A1622A	45 29 57	70 15 18	1.00	.20	.50	.150	1,500	N	15	300	1.5	7	70
A1623A	45 29 58	70 15 4	.50	.10	.50	.300	150	N	20	700	1.5	N	70
A1624A	45 29 24	70 17 27	.50	.15	.50	.150	300	N	15	200	1.5	7	30
A1625A	45 24 16	70 21 50	1.00	.20	.50	.700	200	N	20	300	1.0	10	50
A1626A	45 24 31	70 21 37	1.50	.30	.70	.300	1,000	N	30	300	1.5	10	70
A1627A	45 24 4	70 21 36	1.50	.30	.70	.500	1,000	1.0	30	300	2.0	15	70
A1628A	45 24 41	70 20 35	1.50	.20	.70	.300	3,000	N	20	500	2.0	15	70
A1629A	45 26 14	70 14 9	.50	.10	.50	.150	1,000	N	20	150	1.5	N	50
A1630A	45 25 44	70 14 5	.70	.10	.50	.100	3,000	N	15	150	2.0	20	50
A1631A	45 26 7	70 15 25	1.00	.20	.50	.200	700	N	20	200	1.5	10	70
A1632A	45 26 6	70 16 0	1.50	.30	.70	.300	1,500	N	30	300	1.5	10	70
A1633A	45 26 0	70 16 36	1.50	.30	.70	.500	1,000	N	30	300	1.5	10	100
A1634A	45 30 8	70 21 32	2.00	.70	.30	.700	1,500	N	50	500	1.5	15	100
A1636A	45 30 11	70 21 39	.05	.07	1.00	.100	1,000	N	100	100	1.5	N	30
A1637A	45 30 16	70 21 43	1.00	.20	.50	.300	1,000	N	50	200	1.5	5	100
A1638A	45 30 43	70 22 22	2.00	.50	.70	.500	1,500	N	30	300	1.5	15	200
A1639A	45 31 4	70 22 33	1.50	.30	.50	.500	5,000	N	50	500	1.5	15	200
A1640A	45 31 4	70 22 35	1.50	.30	.70	.500	2,000	N	30	300	1.5	15	100
A1641A	45 31 36	70 22 22	1.50	.30	.70	.700	700	N	50	500	1.5	15	500
A1642A	45 26 20	70 12 25	1.50	.20	.70	.200	1,000	N	30	300	1.5	15	70
A1643A	45 26 23	70 12 24	1.00	.20	.50	.500	500	N	30	300	1.5	5	70
A1644A	45 26 43	70 12 57	.70	.10	.30	.200	1,500	N	20	150	2.0	10	50
A1645A	45 26 54	70 12 38	1.50	.10	.70	.150	5,000	N	20	200	3.0	20	50
A1646A	45 27 24	70 12 8	1.00	.15	.20	.150	2,000	N	30	200	2.0	7	50
A1647A	45 27 37	70 11 53	1.50	.10	.30	.150	2,000	<.5	50	500	2.0	15	20

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Cu	La	Mo	Nb	Ni	Pb	Sc	Sn	Sr	V	W	Y	Zn-s	Zn-a	Zr
A1558A	10	30	N	N	15	30	5	N	100	50	N	10	N	85	100
A1559A	15	30	7	N	20	30	7	N	150	70	N	15	N	110	100
A1560A	10	30	7	N	20	30	7	N	150	50	N	15	N	150	100
A1561A	10	20	N	N	20	30	5	N	150	30	N	15	N	80	100
A1597A	15	50	7	N	30	30	7	N	100	70	N	20	N	90	100
A1599A	50	30	N	N	50	50	15	N	100	100	N	30	N	80	200
A1600A	10	30	N	N	70	30	15	N	100	100	N	20	N	60	200
A1601A	10	30	N	N	50	30	15	N	100	100	N	30	N	70	200
A1602A	20	20	N	N	50	50	15	N	100	100	N	30	N	80	150
A1604A	30	30	<5	N	100	50	15	N	100	70	N	30	N	160	300
A1605A	50	30	N	N	70	70	15	N	100	100	N	30	<200	150	150
A1606A	50	50	N	N	50	30	15	N	<100	70	N	30	N	75	150
A1607A	20	30	N	N	50	30	15	N	<100	100	N	30	N	95	200
A1609A	15	20	N	N	30	30	15	N	N	70	N	20	N	70	200
A1610A	20	30	10	N	30	50	15	N	100	150	N	30	N	120	200
A1612A	15	50	N	N	10	30	10	N	150	30	N	20	N	70	150
A1613A	5	20	N	N	5	15	10	N	150	30	N	20	N	45	200
A1614A	15	20	N	N	20	50	10	N	150	70	N	30	N	45	150
A1615A	15	50	5	N	30	70	15	N	150	100	N	30	<200	170	150
A1616A	10	30	N	N	15	50	7	N	<100	20	N	30	N	210	100
A1617A	10	30	5	N	10	50	10	N	300	70	N	20	N	60	200
A1618A	7	20	7	N	15	50	10	N	200	70	N	10	N	65	150
A1619A	7	20	5	N	15	20	10	N	300	70	N	15	N	40	200
A1620A	50	50	N	N	30	300	15	N	150	50	N	30	500	440	200
A1621A	<5	30	N	N	5	15	7	N	200	20	N	10	N	40	150
A1622A	7	20	N	N	10	30	7	N	200	30	N	10	N	40	100
A1623A	<5	20	N	N	5	10	5	N	300	30	N	10	N	10	150
A1624A	10	50	N	N	10	15	7	N	200	30	N	15	N	60	150
A1625A	7	50	N	N	15	15	15	N	150	70	N	30	N	50	300
A1626A	15	30	N	N	20	50	15	N	150	70	N	20	N	80	200
A1627A	30	150	N	N	50	30	15	N	150	70	N	50	N	170	150
A1628A	15	70	N	N	20	70	10	N	100	70	N	50	N	150	100
A1629A	10	70	5	N	5	30	7	N	100	30	N	15	N	140	100
A1630A	20	100	N	N	15	50	7	N	100	50	N	50	N	130	150
A1631A	15	50	N	N	15	20	10	N	150	50	N	20	N	85	50
A1632A	30	70	N	N	20	30	15	N	150	70	N	30	N	60	150
A1633A	20	50	N	N	20	20	10	N	200	100	N	30	N	60	200
A1634A	30	30	N	N	50	50	15	N	150	150	N	30	N	80	300
A1636A	15	100	N	N	<5	N	5	N	150	20	N	30	N	35	30
A1637A	50	100	N	N	10	20	7	N	100	50	N	30	N	70	150
A1638A	70	30	<5	N	30	50	15	N	150	100	N	20	N	95	200
A1639A	50	100	5	N	30	30	10	N	100	100	N	30	N	100	200
A1640A	50	50	N	N	20	30	10	N	100	100	N	30	N	70	200
A1641A	50	100	N	N	50	30	15	N	150	70	N	30	N	70	200
A1642A	15	70	N	N	30	50	7	N	150	70	N	30	N	110	200
A1643A	10	50	N	N	20	30	7	N	200	70	N	20	N	45	200
A1644A	10	70	N	N	15	30	5	N	100	30	N	20	N	110	70
A1645A	20	200	N	N	30	100	7	N	100	30	N	50	200	440	200
A1646A	30	70	5	N	15	70	5	N	100	30	N	20	<200	250	100
A1647A	20	70	5	N	15	150	5	N	100	30	N	15	<200	180	100

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Latitude	Longitude	Fe pct	Mg pct	Ca pct	Ti pct	Mn	Ag	B	Ba	Be	Co	Cr
A1648A	45 27 16	70 12 0	1.00	.15	.20	.200	1,000	N	50	200	2.0	10	70
A1649A	45 26 43	70 11 35	1.00	.10	.30	.150	1,500	N	50	200	1.5	15	50
A1650A	45 24 51	70 20 46	1.00	.15	.70	.150	2,000	N	30	300	1.5	10	30
A1651A	45 24 28	70 19 27	.70	.10	.30	.200	700	N	20	200	1.5	5	30
A1652A	45 26 1	70 19 18	2.00	.50	.70	.500	1,000	N	50	700	1.5	15	70
A1653A	45 31 3	70 24 19	2.00	.50	.70	.500	1,500	N	50	500	1.5	20	150
A1654A	45 31 15	70 24 59	1.50	.30	.70	.500	1,500	N	30	500	1.5	10	150
A1655A	45 31 20	70 24 49	3.00	.70	1.00	1.000	1,000	N	50	300	1.0	15	500
A1656A	45 39 23	70 25 53	2.00	.10	.50	.150	>5,000	N	10	700	1.5	50	30
A1657A	45 39 20	70 25 36	2.00	.50	.30	.300	3,000	N	100	300	1.5	30	150
A1658A	45 39 32	70 25 11	1.50	.30	.70	.300	3,000	N	70	300	1.5	15	700
A1659A	45 34 54	70 21 45	1.50	.30	.70	.500	1,500	N	50	500	1.5	10	200
A1660A	45 34 58	70 21 31	.70	.15	.50	.100	700	N	20	150	1.5	N	50
A1661A	45 35 7	70 21 22	2.00	.50	.70	.200	2,000	N	50	500	1.5	15	100
A1662A	45 35 10	70 22 13	1.50	.30	.30	.300	500	N	70	300	1.5	5	150
A1663A	45 35 21	70 23 11	2.00	.50	.30	.200	>5,000	N	50	700	1.5	50	100
A1664A	45 35 8	70 23 12	1.50	.70	.70	.300	5,000	N	70	500	1.5	30	100
A1665A	45 34 53	70 23 18	2.00	.50	.70	.300	>5,000	N	70	500	1.5	30	300
A1666A	45 34 38	70 22 48	1.50	.50	1.00	.300	500	N	50	500	1.5	70	100
A1667A	45 33 7	70 35 23	<.05	<.02	.30	.002	100	N	N	50	N	N	N
A1669A	45 32 24	70 35 3	1.00	.30	.70	.500	700	N	50	500	1.0	5	500
A1670A	45 32 4	70 35 41	1.50	.30	.50	.300	1,000	N	70	300	1.5	15	70
A1671A	45 32 17	70 36 9	1.50	.50	.70	.500	1,500	N	30	500	1.5	15	300
A1672A	45 32 16	70 36 29	2.00	.70	.70	.500	1,500	N	70	700	2.0	20	200
A1673A	45 32 30	70 36 45	1.50	.30	.70	.300	2,000	N	50	500	1.5	20	200
A1674A	45 32 39	70 36 46	2.00	.50	.70	.500	1,500	N	50	500	1.5	15	300
A1675A	45 33 8	70 33 56	2.00	.70	.70	.700	1,500	N	70	700	1.5	15	150
A1676A	45 33 40	70 33 30	1.50	.30	.70	.300	3,000	N	30	500	1.0	15	200
A1677A	45 33 50	70 33 17	1.00	.30	.70	.500	700	N	30	500	1.0	7	200
A1678A	45 33 51	70 33 5	1.50	.30	.50	.300	700	N	50	500	1.5	15	100
A1679A	45 34 4	70 32 11	2.00	.30	.70	.500	1,500	N	30	500	1.5	15	150
A1680A	45 28 21	70 13 24	1.50	.50	.70	.500	700	N	50	700	1.0	10	100
A1681A	45 27 25	70 14 47	2.00	.30	.70	.500	2,000	N	50	700	1.5	10	70
A1682A	45 25 46	70 20 26	1.00	.15	.70	.150	2,000	N	20	200	1.5	<5	50
A1683A	45 25 33	70 20 18	1.00	.15	.70	.150	1,500	N	20	300	2.0	5	50
A1684A	45 25 16	70 21 22	1.00	.20	1.00	.200	1,000	N	20	500	2.0	<5	70
A1685A	45 25 13	70 21 43	1.50	.30	.70	.200	2,000	N	30	700	2.0	10	70
A1686A	45 24 56	70 21 24	1.50	.30	.70	.300	1,500	N	30	700	1.5	10	70
A1687A	45 35 20	70 33 1	1.50	.50	.70	.300	1,000	N	70	500	1.5	7	100
A1688A	45 34 55	70 33 6	5.00	.20	.50	.300	>5,000	N	15	1,000	1.0	20	70
A1689A	45 34 52	70 33 10	2.00	.70	.70	.500	1,000	N	50	700	1.5	15	500
A1690A	45 34 49	70 34 24	2.00	.70	.70	.700	700	N	50	500	1.5	10	300
A1691A	45 35 0	70 34 5	3.00	.30	.50	.500	>5,000	N	70	700	1.5	30	70
A1692A	45 35 12	70 33 54	2.00	.70	.50	.700	700	N	70	700	1.5	15	150
A1693A	45 34 22	70 34 53	2.00	.50	.70	.500	1,500	N	50	700	1.5	15	200
A1695A	45 34 0	70 34 7	2.00	.50	.70	.500	1,500	N	50	700	2.0	20	100
A1696A	45 34 2	70 34 48	1.50	.30	.50	.500	2,000	N	50	300	1.5	15	500
A1697A	45 33 37	70 34 36	2.00	.30	.50	.300	5,000	N	30	500	1.5	20	300
A1698A	45 33 14	70 24 41	1.00	.30	.70	.500	700	N	30	300	1.0	7	70
A1699A	45 36 2	70 25 36	3.00	.30	.50	.300	>5,000	N	50	700	1.5	50	100

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Cu	La	Mo	Nb	Ni	Pb	Sc	Sn	Sr	V	W	Y	Zn-s	Zn-a	Zr
A1648A	15	70	N	N	50	15	7	N	100	50	N	30	N	100	100
A1649A	15	50	N	N	20	30	7	N	<100	50	N	20	N	110	200
A1650A	15	20	N	N	20	20	7	N	100	30	N	30	N	190	70
A1651A	15	20	N	N	10	50	10	N	N	30	N	20	N	100	150
A1652A	15	30	N	N	30	30	15	N	150	100	N	20	N	70	300
A1653A	30	20	N	N	50	70	15	N	150	100	N	30	N	95	200
A1654A	20	30	N	N	20	50	10	N	150	70	N	30	N	60	200
A1655A	20	N	N	N	30	30	20	N	150	150	N	30	N	70	700
A1656A	15	20	N	N	30	150	7	N	150	30	N	20	N	250	50
A1657A	20	N	N	N	50	70	10	N	100	70	N	20	N	85	200
A1658A	20	30	N	N	70	70	10	N	100	70	N	30	N	170	200
A1659A	15	70	N	N	50	50	10	N	100	70	N	30	N	45	300
A1660A	7	30	N	N	10	70	7	N	200	20	N	20	N	55	150
A1661A	15	50	N	N	30	30	10	N	100	70	N	30	N	70	200
A1662A	10	30	N	N	15	50	15	N	150	70	N	30	N	15	700
A1663A	15	20	N	N	50	70	10	N	200	70	N	30	N	75	200
A1664A	15	20	N	N	50	70	15	N	200	70	N	30	N	95	300
A1665A	15	50	N	N	30	70	10	N	100	100	N	30	N	70	300
A1666A	20	30	N	N	30	50	10	N	200	70	N	30	N	50	200
A1667A	7	N	N	N	N	<10	7	N	N	15	N	10	N	15	50
A1669A	5	30	N	N	10	50	15	N	150	70	N	30	N	35	200
A1670A	10	30	N	N	70	20	15	N	100	70	N	30	<200	150	150
A1671A	50	20	N	N	30	70	10	N	150	70	N	20	N	75	150
A1672A	20	30	N	N	70	50	15	N	150	100	N	30	N	100	150
A1673A	15	30	N	N	50	70	10	N	150	100	N	30	N	70	200
A1674A	10	N	N	N	50	50	15	N	150	100	N	20	N	80	200
A1675A	10	30	N	N	70	70	15	N	150	100	N	30	N	90	200
A1676A	7	30	N	N	30	70	10	N	150	70	N	20	N	75	150
A1677A	7	20	N	N	20	50	10	N	150	70	N	20	N	45	150
A1678A	7	30	N	N	30	30	15	N	100	70	N	30	N	60	200
A1679A	15	<20	N	N	30	70	15	N	150	70	N	30	N	90	200
A1680A	7	50	N	N	15	30	15	N	300	100	N	30	N	40	200
A1681A	10	50	<5	N	20	30	15	N	200	70	N	30	N	75	300
A1682A	15	50	N	N	15	20	5	N	100	20	N	30	<200	120	50
A1683A	7	50	N	N	15	20	7	N	100	30	N	30	N	150	70
A1684A	10	50	N	N	20	20	10	N	100	30	N	70	N	130	100
A1685A	20	70	N	N	50	30	15	N	100	70	N	30	N	140	150
A1686A	15	50	N	N	30	50	10	N	100	70	N	30	N	85	150
A1687A	20	30	N	N	50	30	15	N	100	100	N	20	N	75	150
A1688A	15	N	N	N	30	70	7	N	150	50	N	30	N	80	200
A1689A	20	30	N	N	50	70	15	N	200	150	N	30	N	70	200
A1690A	10	N	N	N	30	50	15	N	200	150	N	30	N	40	300
A1691A	20	30	7	N	30	70	15	N	150	100	N	30	N	80	200
A1692A	20	30	N	N	30	50	15	N	150	150	N	30	N	55	500
A1693A	15	20	N	N	50	50	10	N	150	100	N	30	N	85	150
A1695A	30	100	N	N	70	50	15	N	200	70	N	30	N	130	200
A1696A	15	20	N	N	30	30	10	N	200	70	N	20	N	80	200
A1697A	20	20	N	N	30	100	10	N	150	70	N	30	N	65	150
A1698A	50	30	N	N	20	15	10	N	150	50	N	30	N	55	200
A1699A	15	20	15	N	30	70	15	N	<100	100	N	15	N	95	200

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Latitude	Longitude	Fe pct	Mg pct	Ca pct	Ti pct	Mn	Ag	B	Ba	Be	Co	Cr
A1701A	45 39 34	70 23 9	2.00	.70	.50	.500	3,000	N	70	500	1.5	15	100
A1702A	45 39 25	70 23 3	2.00	.70	.70	.300	>5,000	N	50	700	1.5	15	200
A1708A	45 28 19	70 11 1	1.50	.50	.50	.200	1,500	N	30	200	1.0	7	30
A1712A	45 28 10	70 11 31	.70	.30	.70	.200	500	<.5	20	200	2.0	<5	30
A1713A	45 28 16	70 11 39	2.00	1.00	.70	.500	700	.5	50	300	2.0	10	500
A1714A	45 32 30	70 22 30	1.50	.70	.30	.300	300	N	50	150	1.0	5	70
A1715A	45 32 16	70 22 6	1.00	.70	.50	.300	500	N	30	150	1.0	5	50
A1716A	45 34 21	70 35 50	2.00	1.00	.50	.300	700	N	70	200	1.5	15	100
A1717A	45 33 56	70 36 34	1.00	.30	1.00	.200	1,000	.5	30	150	3.0	<5	30
A1718A	45 33 34	70 36 50	1.50	.50	.50	.300	1,500	N	30	150	1.5	7	100
A1719A	45 26 50	70 20 46	1.00	.30	.70	.200	700	<.5	20	150	2.0	5	70
A1720A	45 31 33	70 7 51	1.50	1.00	.20	.300	700	N	50	200	1.5	15	150
A1721A	45 31 35	70 8 31	1.50	1.00	.70	.300	700	.5	50	200	1.5	10	70
A1722A	45 31 32	70 8 28	1.50	.70	.10	.300	1,500	N	70	200	2.0	7	70
A1723A	45 31 41	70 8 39	2.00	.70	.20	.200	2,000	<.5	70	150	5.0	7	30
A1725A	45 31 39	70 9 9	1.50	.70	.50	.150	3,000	.7	30	200	3.0	7	30
A1726A	45 27 3	70 19 41	1.00	.70	1.00	.500	1,500	.5	20	150	1.0	7	70
A1727A	45 27 5	70 19 50	1.50	.50	.50	.300	500	.5	15	300	1.5	7	100
A1728A	45 28 24	70 26 56	2.00	.30	.20	.200	3,000	N	20	150	2.0	15	30
A1729A	45 28 55	70 26 58	1.00	.30	.70	.300	1,000	N	20	200	2.0	15	100
A1731A	45 30 37	70 9 24	1.50	.50	.50	.200	700	.5	20	300	1.5	7	70
A1732A	45 26 57	70 23 12	.70	.15	.70	.200	500	N	20	150	1.5	7	70
A1733A	45 26 42	70 23 34	1.50	.50	.50	.300	1,500	N	20	200	1.5	10	100
A1734A	45 26 34	70 23 35	1.00	.30	.70	.200	300	<.5	15	300	2.0	5	70
A1735A	45 26 30	70 23 37	1.00	.20	.50	.200	700	<.5	20	300	3.0	5	50
A1736A	45 26 19	70 23 8	1.00	.70	.70	.300	500	N	30	200	1.5	7	100
A1737A	45 22 22	70 23 20	1.50	.20	.50	.150	700	N	15	150	1.0	<5	15
A1738A	45 22 8	70 24 11	1.00	.20	.50	.300	1,000	N	15	200	1.0	30	30
A1739A	45 25 37	70 24 9	1.50	.30	.50	.150	1,500	N	20	200	7.0	15	70
A1740A	45 25 10	70 24 32	2.00	.50	.20	.150	1,500	N	30	200	3.0	30	50
A1741A	45 24 55	70 24 38	1.50	.30	.70	.300	700	N	20	200	2.0	7	70
A1742A	45 21 28	70 21 21	.70	.50	.70	.200	1,000	N	20	200	1.5	7	50
A1743A	45 21 54	70 22 42	1.50	.20	.20	.200	1,000	N	20	150	2.0	10	20
A1744A	45 22 35	70 21 25	2.00	.70	.70	.300	1,500	N	30	300	1.5	10	70
A1745A	45 35 55	70 9 4	1.00	.50	.10	.200	700	<.5	50	200	1.5	7	100
A1746A	45 25 31	70 23 15	1.00	.50	.70	.500	200	N	30	200	1.0	5	70
A1747A	45 25 25	70 23 12	1.00	.30	.50	.200	300	N	30	300	2.0	5	50
A1748A	45 25 17	70 23 3	.20	.10	.70	.150	300	<.5	15	150	5.0	N	20
A1749A	45 24 55	70 22 35	1.00	.15	.30	.150	>5,000	N	10	200	3.0	30	20
A1750A	45 23 23	70 22 13	1.50	.70	.70	.300	1,000	<.5	50	500	1.5	7	150
A1751A	45 25 30	70 22 43	.70	.20	.70	.300	200	N	20	200	2.0	<5	50
A1755A	45 22 44	70 24 5	1.00	.30	.50	.300	300	N	20	200	1.0	5	100
A1756A	45 22 56	70 24 16	2.00	.30	.30	.200	1,000	N	20	300	1.0	20	70
A1757A	45 23 45	70 23 42	1.50	.30	.50	.300	2,000	N	30	300	1.5	30	100
A1758A	45 22 8	70 20 22	1.00	.30	.70	.300	700	N	30	300	1.5	7	100
A1759A	45 21 8	70 22 53	1.00	.20	.50	.300	500	N	20	200	1.0	10	70
A1760A	45 29 23	70 15 46	.05	.05	.50	.020	300	N	20	50	1.5	N	N

TABLE 2.--Analytical results for stream-sediment samples from streams draining the Attean Quartz Monzonite and vicinity, Maine--Continued

Sample	Cu	La	Mo	Nb	Ni	Pb	Sc	Sn	Sr	V	W	Y	Zn-s	Zn-a	Zr
A1701A	30	30	N	N	50	50	15	N	100	150	N	30	N	160	200
A1702A	50	30	N	N	100	20	15	N	100	100	N	30	N	160	200
A1708A	7	20	N	N	20	50	7	N	150	100	N	15	N	55	150
A1712A	10	50	N	N	10	30	7	N	150	50	N	20	N	45	200
A1713A	30	30	N	N	100	20	10	15	100	200	N	30	N	70	500
A1714A	10	70	N	N	30	20	7	N	100	150	N	30	N	45	300
A1715A	7	50	N	N	20	15	7	N	<100	100	N	20	N	50	300
A1716A	10	50	10	N	50	20	10	N	100	100	N	30	N	120	200
A1717A	20	150	<5	N	10	50	7	<10	100	30	N	20	N	110	150
A1718A	10	20	<5	N	30	30	10	N	<100	70	N	20	N	85	150
A1719A	10	50	5	N	20	15	7	N	<100	50	N	50	N	100	150
A1720A	10	50	<5	N	30	20	15	N	<100	100	N	30	N	100	200
A1721A	15	50	N	N	30	30	10	N	N	70	N	20	N	170	200
A1722A	10	N	N	N	20	20	10	N	N	70	N	20	N	130	150
A1723A	15	50	N	N	20	20	7	N	N	70	N	15	N	180	100
A1725A	20	70	<5	N	30	50	7	N	<100	50	N	30	300	750	100
A1726A	10	50	N	N	10	15	7	N	100	70	N	15	N	35	300
A1727A	10	70	N	N	30	15	10	N	150	70	N	30	N	60	150
A1728A	15	50	N	N	20	20	7	N	100	50	N	20	N	110	150
A1729A	10	50	N	N	30	20	7	N	150	50	N	30	N	100	200
A1731A	15	30	5	N	20	50	7	N	150	50	N	10	N	80	150
A1732A	5	50	N	N	15	20	7	N	100	30	N	30	N	60	300
A1733A	7	50	N	N	20	30	10	N	100	70	N	30	N	120	300
A1734A	7	70	N	N	20	30	7	N	100	30	N	50	N	100	200
A1735A	7	70	N	N	20	30	7	N	100	20	N	70	N	150	200
A1736A	7	30	N	N	15	20	5	N	100	50	N	20	N	60	500
A1737A	5	20	N	N	5	30	<5	N	100	20	N	10	N	70	300
A1738A	7	20	N	N	10	20	5	N	100	50	N	20	N	35	500
A1739A	10	100	N	N	20	30	7	N	<100	20	N	70	N	180	200
A1740A	20	20	N	N	30	30	10	N	<100	50	N	30	N	140	200
A1741A	10	30	N	N	30	30	7	N	100	50	N	20	N	130	300
A1742A	15	30	N	N	10	30	7	N	<100	30	N	30	N	110	150
A1743A	7	20	5	N	10	30	5	N	100	50	N	15	N	120	200
A1744A	20	70	N	N	20	20	10	N	100	70	N	30	N	140	150
A1745A	10	50	N	N	20	30	7	N	<100	50	N	15	N	110	200
A1746A	<5	50	N	N	15	10	10	N	100	50	N	20	N	30	300
A1747A	7	70	N	N	20	15	7	N	<100	30	N	70	N	110	200
A1748A	5	50	N	N	5	15	5	N	<100	15	N	50	N	35	200
A1749A	7	20	N	N	20	50	5	N	N	20	N	30	N	130	200
A1750A	30	150	N	N	50	20	10	N	<100	100	N	50	N	120	300
A1751A	7	100	N	N	10	15	7	N	100	30	N	100	N	35	150
A1755A	10	20	N	N	15	15	7	N	100	50	N	30	N	55	500
A1756A	10	20	5	N	20	30	7	10	<100	70	N	20	N	80	200
A1757A	15	30	<5	N	50	30	10	N	<100	70	N	20	N	150	300
A1758A	10	30	N	N	30	50	10	N	100	50	N	30	N	130	200
A1759A	10	20	N	N	20	20	7	N	150	70	N	20	N	95	300
A1760A	<5	N	N	N	N	15	N	N	N	N	N	N	N	30	10