UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Analytical results and sample locality map of stream-sediment and heavy-mineral-concentrate samples from the Livengood 1° X 3° quadrangle, Alaska

By

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The U.S. Geological Survey is required by the Alaskan National Interests Lands Conservation Act (Public Law 96-487, 1980) to survey certain Federal lands to determine their mineral values, if any. Results from the Alaskan Mineral Resource Assessment Program (AMRAP) must be made available to the public and be submitted to the President and the Congress. This report presents analytical results of a geochemical survey of the Livengood 1^0 X 3^0 quadrangle, Alaska. The data contained in this report are also available in digital format on a 1.2-Mb, 5.25-inch diskette published as U.S. Geological Survey Open-File Report 90-???-B.

INTRODUCTION

In 1986-1988, the U.S. Geological Survey conducted a reconnaissance geochemical survey of the Livengood 1^0 X 3^0 quadrangle, Alaska.

The Livengood quadrangle is in the east-central part of Alaska from 65^0 to 66^0 north latitude, and from 147^0 to 150^0 west longitude (fig. 1). The area of the quadrangle is approximately 5566 mi^2 (15,461 km^2). The Elliot and Dalton Highways traverse the quadrangle from southeast to northwest and the Steese Highway crosses the southeastern part of the quadrangle.

The topographic relief in the area of this report is about 4,500 ft (1384 m), with a maximum elevation of 4,772 ft (1468 m) at Cache Mountain. The White Mountains form a topographic high on the east and are drained by Beaver Creek on the south, west, and north. The remainder of the Livengood quadrangle lies within the drainages of the Yukon and Tolovana Rivers, separated by the Sawtooth Mountains on the west side of the quadrangle. The climate of the area is arid to semiarid. The high-latitude tundra and permafrost prohibit ground-water seepage and enhance surface runoff.

GENERALIZED GEOLOGY

The Livengood quadrangle is underlain by a Northeasterly trending sequence of Precambrian, Paleozoic, and Mesozoic sedimentary and metasedimentary rocks. It lies mostly within the northwestern part of the Yukon-Tanana Upland (Wahrhaftig, 1965), primarily a metamorphic terrane of quartzitic, pelitic, calcareous, and volcaniclastic metasedimentary rocks with some metamorphosed mafic and felsic igneous plutons, all of which have been intruded by Mesozoic and Cenozoic granitic rocks and minor amounts of intermediate and mafic rocks (Chapman and others, 1971). Quaternary loess blankets much of the southern third of the area, and alluvial deposits fill the major drainage courses. Outcrops are scarce throughout most of the area, except where relief is high. The following summary of the geology of the

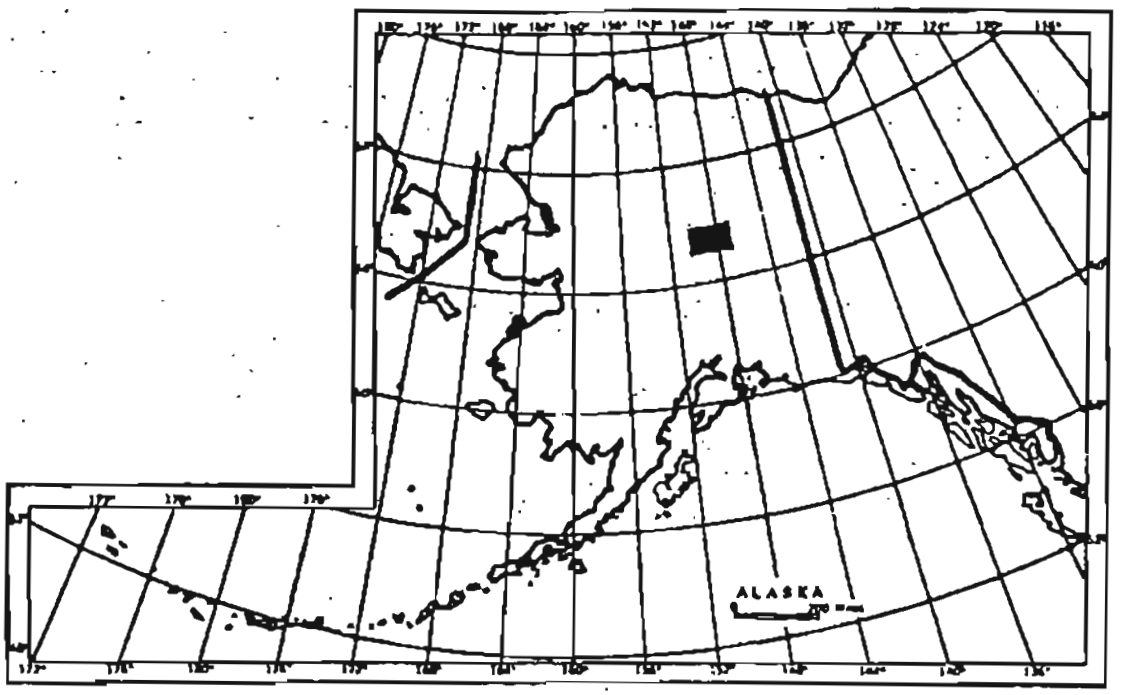

Figure 1. Location of the Livengood 1° x 3° quadrangle, Alaska (shaded).

Livengood quadrangle is derived from the geologic base map compiled during an AMRAP study of the quadrangle (F. R. Weber, written commun., 1989).

The quadrangle lies within a structurally deformed block between the Tintina fault system to the north and the Denali fault system to the south. The dominant structural orientation is northeasterly (fig. 2). The major faults in the area are strike-slip splays of the Tintina fault zone and thrust faults. Two of these faults, the Victoria Creek and Beaver Creek faults, divide the quadrangle into three unique assemblages of rock types.

Two thirds of the area north of the Victoria Creek fault is made up of Rampart group rocks, which comprise Mississippian to Triassic ocean basin rocks including mafic igneous rocks and associated argillite, chert, graywacke, shale, and limestone. The Precambrian and Paleozoic sedimentary rocks in the northeastern part of the quadrangle are remnants of ancestral North America, and are predominantly grit, phyllite, quartzite, slate, and limestone.

The area between the Victoria Creek and Beaver Creek faults is mostly underlain by Cretaceous turbidites of the Wilber Creek unit, which are the remains of a Mesozoic flysch basin. Included also in this area are Precambrian and Paleozoic sedimentary rocks including chert, dolomite, shale, and argillite, as well as Precambrian and Cambrian mafic and ultramafic rocks, which may also be a part of ancestral North America.

The area south of the Beaver Creek fault consists of Precambrian and Paleozoic metamorphic and sedimentary rocks. The Fairbanks schist unit is greenschist facies muscovite-chlorite schist, quartzite, and phyllite, and represents the metamorphic core of the Yukon-Tanana Upland. The overlying Precambrian and Paleozoic sedimentary rocks are mostly argillite, grit, quartzite, graywacke, limestone, phyllite, and slate.

METHODS OF STUDY

Sample Media

Analyses of the stream-sediment samples represent the chemical composition 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.

Heavy-mineral-concentrate samples provide information about the chemistry of certain minerals in rock material eroded from the drainage basin upstream from each sample site. The selective concentration of minerals, many of which may be ore-related, permits determination of some elements that are not easily detected in stream-sediment samples.

Sample Collection

Samples were collected at 1062 sites (plate 1). At most of those sites, both a stream-sediment sample and a heavy-mineral-concentrate sample were collected. Sampling density was about 1 sample site per 5.36 mi^2 for the stream sediments and about 1 sample site per 9.25 mi^2 for the heavy-mineral concentrates. The area of the drainage basins sampled ranged from approximately 1 mi^2 to 10 mi^2.

Stream-sediment samples

The stream-sediment samples consisted of active alluvium collected primarily from first-order (unbranched) and second-order (below the junction of two first-order) streams as shown on USGS topographic maps (scale = 1:63,360). Each sample was composited from several localities within an area that may extend as much as 100 ft from the site plotted on the map.

DESCRIPTION OF UNITS

Ql loess (Quaternary)

Qs silt and organic deposits (Quaternary)

Tg granitic and related rocks (Tertiary)

TKg granitic and related rocks (Cretaceous and Tertiary)

Kg granitic and related rocks (Cretaceous)

Kw Wilber Creek unit, shale, siltstone, graywacke, conglomerate, quartzite (Cretaceous, includes Cretaceous and Jurassic quartzite in the western part of the quadrangle)

KJv Vrain unit, pyritiferous slate (Jurassic and Cretaceous)

TMr Rampart group, mafic igneous rocks with associated argillite, chert, graywacke, shale (Mississippian and Triassic)

Pzs Sedimentary rocks, limestone, chert, dolomite, argillite (Paleozoic, locally includes Precambrian and Triassic rocks)

Pzc Chatanika unit, quartz-biotite-muscovite schist (Paleozoic)

CpCu Ultramafic and mafic rocks (Precambrian and Cambrian)

CpCw Wickersham unit, argillite, phyllite, grit, graywacke, slate, limestone (Precambrian and Cambria

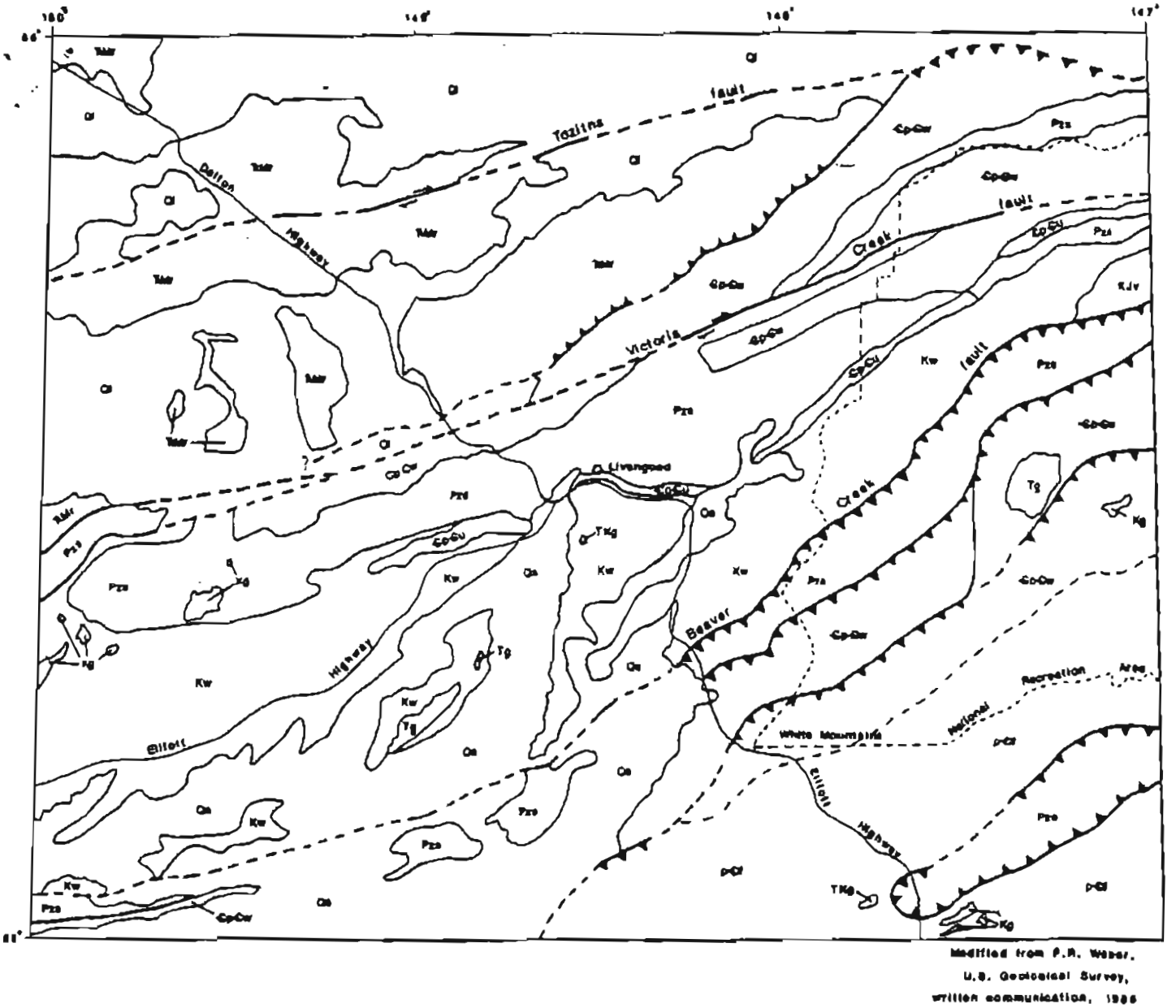

Figure 2. Generalized geology of the Livengood 1° x 3° quadrangle, Alaska modified from F.R. Weber, written commun., 1989

Heavy-mineral-concentrate samples

Heavy-mineral-concentrate samples were collected from the same active alluvium as the stream-sediment samples. Each bulk sample was screened with a 2.0-mm (10-mesh) screen to remove the coarse material. The less than 2.0-mm fraction was panned until most of the quartz, feldspar, organic material, and clay-sized material were removed.

Sample Preparation

The stream-sediment samples were air dried, then sieved using 80-mesh (0.17 mm) stainless-steel sieves. The portion of the sediment passing through the sieve was saved for analysis.

Samples that had been panned in the field were air dried and sieved to minus 35-mesh; bromoform (specific gravity 2.85) was used to remove the remaining quartz and feldspar. The resultant heavy-mineral sample was separated into three fractions using a large electromagnet by placing the sample in contact with the face of the magnet (in this case a modified Frantz Isodynamic Separator). The most magnetic material (removed at a setting of 0.25 ampere), primarily magnetite, was not analyzed. The second fraction (removed at a setting of 1.75 ampere), largely ferromagnesian silicates and iron oxides, was saved for archival storage. The third fraction (the nonmagnetic material which may include the ore minerals,
zircon, sphene, etc.) was split using a Jones splitter. One split was hand ground for spectrographic analysis; the other split was saved for mineralogical analysis. The magnetic separates are the same as would be produced by using a Frantz Isodynamic Separator set at a slope of 15^0 and a tilt of 10^0 with a current of 0.2 ampere to remove the magnetite and ilmenite, and a current of 0.6 ampere to split the remainder of the sample into paramagnetic and nonmagnetic fractions.

Sample Analysis

Spectrographic method

The stream-sediment samples were analyzed for 35 elements and the heavy-mineral concentrates were analyzed for 37 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 (iron, magnesium, calcium, and titanium) are given in weight percent; all others are given in parts per million (ppm, or micrograms/gram). Analytical data for stream-sediment and heavy-mineral-concentrate samples from the Livengood 1^0 X 3^0 quadrangle are listed in tables 2 and 3, respectively.

Chemical methods

All stream-sediment samples were also analyzed using an atomic absorption spectrophotometric method (O'Leary and Viets, 1986) by F. W. Tippitt, R. J. Fairfield, and Z. A. Brown. The elements determined and the corresponding lower limits of determination were As (5 or 10 ppm), Bi (1 ppm), Cd (0.1 ppm), Sb (2 ppm) and Zn (5 ppm). Results of these analyses are included in table 2.

Some stream-sediment samples were analyzed for gold by F. Brown using an atomic absorption method (0.05 ppm lower determination limit) described by Thompson and others, 1968. Results of these analyses are also found in table 2.

ROCK ANALYSIS STORAGE SYSTEM

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

DESCRIPTION OF DATA TABLES

Tables 2 and 3 respectively list the analyses of stream-sediment and heavy-mineral-concentrate samples collected in the Livengood 1^0 X 3^0 quadrangle. These tables include previously published analyses of samples located in the Livengood quadrangle which were collected for the study of the White Mountains National Recreation Area (Sutley and others, 1987). For the two tables, the data are arranged so that column 1 contains the USGS-assigned sample numbers. The numeric portions of these sample numbers correspond to the numbers shown on the site location map (plate 1). Columns in which the element headings show the letter "s" below the element symbol are emission spectrographic analyses; "aa" indicates atomic absorption analyses. 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. A "greater than zero" (>0) symbol in the column headed "Au-vis" in table 3, heavy-mineral concentrate data, indicates samples in which visible gold was observed in the panned concentrate in the field and/or by subsequent mineralogical inspection of the non-magnetic separates (R. B. Tripp, U.S. Geological Survey, written commun., 1989). An "N" in this column indicates that visible gold was not observed. If an element was not looked for in a sample, two dashes (--) are entered in tables 2 and 3 in place of an analytical value. Because of the formatting used in the computer program that produced tables 2 and 3, some of the elements listed in these tables (Fe, Mg, Ca, Ti, 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 Au, Cd, Ge, and Sb in stream-sediment samples and Pd and Pt in heavy-mineral-concentrate samples were all below the lower limits of determinations shown in table 1; consequently, the columns for these elements have been deleted from tables 2 and 3, respectively.

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

[The spectrographic limits of determination for heavy-mineral-concentrate samples are based on a 5-mg sample, and are therefore two reporting intervals higher than the limits given for stream sediments.]

Elements	Lower determination limit	Upper determination limit
	Percent	
Calcium (Ca)	0.05	20
Iron (Fe)	0.05	20
Magnesium (Mg)	0.02	10
Sodium (Na)	0.2	5
Phosphorous (P)	0.2	10
Titanium (Ti)	0.002	1
	Parts per million	
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 or 10	2,000
Chromium (Cr)	10	5,000
Copper (Cu)	5	20,000
Gallium (Ga)	5	500
Germanium (Ge)	10	100
Lanthanum (La)	20 or 50	1,000
Manganese (Mn)	10	5,000
Molybdenum (Mo)	5	2,000
Niobium (Nb)	20	2,000
Nickel (Ni)	5	5,000
Lead (Pb)	10	20,000
Palladium (Pd)*	5	1,000
Platinum (Pt)*	20	1,000
Antimony (Sb)	100	20,000
Scandium (Sc)	5	100
Tin (Sn)	10	1,000
Strontium (Sr)	100	5,000
Thorium (Th)	100	2,000
Vanadium (V)	10	10,000
Tungsten (W)	50 or 20	10,000
Yttrium (Y)	10	2,000
Zinc (Zn)	200	10,000
Zirconium (Zr)	10	1,000

* Determined in heavy-mineral-concentrate samples, only. Limits are for heavy-mineral-concentrate samples.

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska

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

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA002	65 17 38	147 6 13	<.5	N	70	500	1.0	N	.30	20	100	20
LA003	65 18 11	147 4 25	N	N	50	500	1.0	N	.20	15	100	10
LA004	65 18 51	147 2 12	<.5	N	50	500	1.0	N	.30	15	150	20
LA005	65 19 10	147 0 46	<.5	N	50	500	<1.0	N	.30	15	100	10
LA006	65 32 58	147 41 8	N	N	50	300	1.0	N	.10	15	30	10
LA007	65 33 12	147 38 45	<.5	N	70	500	<1.0	N	1.00	30	200	30
LA008	65 34 30	147 34 25	<.5	N	30	500	<1.0	N	1.00	20	70	20
LA012	65 18 27	147 12 47	N	N	70	500	1.0	N	.20	15	70	10
LA015	65 45 38	147 38 35	N	N	100	500	1.0	N	.10	20	200	20
LA016	65 45 48	147 38 55	<.5	N	70	700	1.0	N	.70	20	100	15
LA017	65 47 27	147 29 57	<.5	N	100	700	1.0	N	.30	20	150	15
LA040	65 12 44	149 40 41	N	N	70	500	<1.0	N	.15	20	200	10
LA041	65 26 50	147 15 9	N	N	70	300	5.0	N	.05	5	20	5
LA042	65 28 23	147 10 17	N	N	70	700	1.0	N	.05	20	70	15
LA043	65 28 42	147 8 58	N	N	50	2,000	2.0	N	.10	30	70	20
LA045	65 30 2	147 5 35	N	N	50	500	1.0	N	<.05	15	70	15
LA046	65 57 46	149 57 50	N	N	50	500	<1.0	N	1.00	30	100	20
LA048	65 37 3	147 4 26	N	N	100	500	1.0	N	<.05	20	70	15
LA049	65 36 58	147 15 31	<.5	N	70	3,000	<1.0	N	1.00	50	200	30
LA050	65 37 41	147 12 10	N	N	150	500	1.0	N	.15	20	70	20
LA051	65 29 23	147 30 39	N	N	100	500	3.0	N	.50	20	50	15
LA052	65 27 46	147 32 1	N	N	70	500	1.0	N	.50	15	50	10
LA053	65 27 28	147 36 9	N	N	100	500	1.0	N	.50	15	50	10
LA054	65 23 45	147 43 55	N	N	70	500	1.0	N	.70	20	50	10
LA055	65 23 20	147 54 10	N	N	100	700	1.0	N	.70	70	50	10
LA056	65 23 25	147 54 17	N	N	100	500	1.0	N	.70	20	100	15
LA057	65 23 22	147 54 26	N	N	70	500	1.0	N	.70	20	50	10
LA058	65 27 5	147 45 49	N	N	70	500	1.0	N	.50	20	50	15
LA059	65 27 48	147 38 26	N	N	70	500	1.0	N	.50	20	100	20
LA060	65 29 17	147 44 28	N	N	100	500	1.0	N	.50	15	50	10
LA061	65 29 14	147 44 21	N	N	100	700	1.0	N	.50	15	50	10
LA072	65 25 42	149 29 30	N	N	100	1,000	<1.0	N	.30	20	100	30
LA073	65 26 32	149 30 0	N	N	70	1,500	<1.0	N	.50	15	150	20
LA074	65 29 21	149 29 11	N	N	100	2,000	<1.0	N	.50	30	100	30
LA075	65 30 36	149 32 7	N	N	100	1,500	<1.0	N	1.00	10	150	20
LA076	65 30 11	149 36 4	N	N	100	1,500	<1.0	N	1.00	20	200	30
LA077	65 33 16	149 38 56	N	N	100	1,500	<1.0	N	1.00	20	200	30
LA078	65 34 23	149 39 47	N	N	70	1,500	<1.0	N	1.50	15	150	30
LA079	65 37 23	149 36 8	N	N	100	1,000	<1.0	N	.50	10	150	20
LA080	65 21 35	149 46 57	N	N	100	1,000	<1.0	N	.30	30	150	30
LA081	65 21 44	149 50 23	N	N	100	2,000	<1.0	N	.30	20	150	50
LA082	65 21 59	149 51 25	<.5	N	100	2,000	<1.0	N	.30	20	150	50
LA083	65 21 58	149 53 18	N	N	100	2,000	<1.0	N	.30	20	150	50
LA084	65 21 54	149 53 10	N	N	200	2,000	<1.0	N	.30	30	200	50
LA085	65 20 49	149 59 45	N	N	100	1,000	<1.0	N	.30	20	150	50

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA002	2.0	--	30	.70	300	N	--	N	30	--	30	15	N
LA003	2.0	--	30	.70	300	N	--	<20	20	--	20	15	N
LA004	2.0	--	50	1.00	200	N	--	<20	30	--	30	20	N
LA005	2.0	--	30	1.00	300	N	--	N	20	--	20	15	N
LA006	1.5	--	50	.50	300	N	--	N	20	--	15	10	N
LA007	5.0	--	50	1.50	1,000	N	--	<20	50	--	20	20	N
LA008	2.0	--	30	.50	300	N	--	N	30	--	30	15	N
LA012	2.0	--	70	.70	200	N	--	<20	20	--	15	10	N
LA015	5.0	--	150	.70	700	N	--	N	30	--	20	15	N
LA016	2.0	--	30	.70	300	N	--	N	30	--	20	15	N
LA017	5.0	--	70	1.00	300	N	--	20	50	--	20	20	N
LA040	3.0	--	<20	1.00	500	N	--	N	50	--	10	10	N
LA041	1.5	--	50	.50	200	N	--	N	15	--	30	7	<10
LA042	3.0	--	50	.70	300	N	--	N	30	--	30	10	N
LA043	5.0	--	100	2.00	700	N	--	N	20	--	50	20	N
LA045	3.0	--	70	.70	300	N	--	N	30	--	30	10	N
LA046	3.0	--	N	1.00	700	N	--	N	30	--	15	15	N
LA048	3.0	--	30	1.00	200	N	--	N	30	--	20	10	N
LA049	5.0	--	<20	3.00	700	N	--	<20	70	--	15	15	N
LA050	3.0	--	30	1.00	500	N	--	<20	50	--	30	15	N
LA051	3.0	--	50	.70	500	N	--	<20	30	--	50	15	<10
LA052	2.0	--	<20	.70	500	N	--	N	20	--	30	15	N
LA053	2.0	--	30	.50	500	N	--	N	20	--	15	10	N
LA054	2.0	--	30	.50	500	N	--	N	20	--	20	10	N
LA055	3.0	--	30	.70	>5,000	N	--	N	30	--	20	10	N
LA056	2.0	--	20	.70	500	N	--	N	20	--	20	15	N
LA057	2.0	--	20	.50	1,500	N	--	N	20	--	15	10	N
LA058	3.0	--	50	.70	1,000	N	--	N	20	--	30	10	N
LA059	3.0	--	50	1.50	700	N	--	<20	50	--	20	10	N
LA060	2.0	--	30	.70	500	N	--	N	30	--	20	10	N
LA061	2.0	--	30	.70	300	N	--	N	20	--	20	15	N
LA072	5.0	20	<20	2.00	700	N	1.5	N	50	.2	15	7	N
LA073	5.0	20	50	2.00	700	N	2.0	N	20	.2	20	10	N
LA074	2.0	20	<20	2.00	2,000	N	2.0	N	50	<.2	20	10	N
LA075	3.0	20	<20	2.00	700	N	2.0	N	20	<.2	20	10	N
LA076	5.0	30	50	2.00	1,000	N	3.0	N	30	<.2	30	15	N
LA077	5.0	20	<20	2.00	1,000	N	3.0	N	50	<.2	20	15	N
LA078	5.0	20	<20	3.00	1,500	N	3.0	N	30	.2	20	15	N
LA079	2.0	20	<20	1.50	1,000	N	2.0	N	20	<.2	15	10	N
LA080	3.0	30	<20	2.00	1,500	N	2.0	N	50	<.2	50	15	N
LA081	5.0	20	<20	2.00	2,000	N	2.0	N	50	.2	50	10	N
LA082	5.0	20	<20	2.00	1,000	N	2.0	N	50	.2	70	10	N
LA083	5.0	20	<20	2.00	1,500	N	2.0	N	50	.2	50	10	N
LA084	7.0	30	<20	3.00	2,000	N	3.0	N	50	<.2	50	15	N
LA085	5.0	30	<20	2.00	1,000	N	2.0	N	70	.2	30	15	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA002	100	N	.50	100	N	30	N	200	N	--	N	.3	N	30
LA003	<100	N	.50	100	N	20	N	200	N	--	N	.2	N	20
LA004	100	N	.50	100	N	50	N	200	N	--	N	.2	N	35
LA005	100	N	.50	100	N	30	N	200	N	--	N	.1	N	30
LA006	<100	N	.20	70	N	20	N	100	N	--	N	.1	N	25
LA007	100	N	.70	150	N	30	N	150	20	--	N	.4	4	70
LA008	150	N	.30	100	N	20	N	100	10	--	N	.8	2	70
LA012	<100	N	.70	100	N	20	N	200	N	--	N	.1	N	15
LA015	N	N	.50	100	N	30	N	200	10	--	N	.2	N	40
LA016	150	N	.50	100	N	20	N	200	N	--	N	.4	N	45
LA017	150	N	.70	150	N	50	N	200	N	--	N	.5	N	80
LA040	<100	N	.30	100	N	20	N	200	10	--	N	.2	N	45
LA041	N	N	.15	50	N	20	N	100	10	--	N	.2	N	40
LA042	100	N	.20	70	N	20	N	150	20	--	N	.2	N	50
LA043	1,000	N	.30	100	N	30	N	150	70	--	N	<.1	2	60
LA045	N	N	.30	70	N	20	N	100	10	--	N	.2	N	45
LA046	<100	N	.70	150	N	20	N	100	20	--	N	.3	N	60
LA048	N	N	.30	100	N	20	N	100	20	--	N	.1	N	35
LA049	200	N	.70	100	N	20	200	100	10	--	N	1.8	N	290
LA050	<100	N	.50	100	N	20	<200	200	N	--	N	.3	N	100
LA051	<100	N	.50	100	N	50	N	150	N	--	N	.6	N	100
LA052	100	N	.50	150	N	20	N	150	N	--	N	.2	N	45
LA053	100	N	.50	100	N	20	N	200	N	--	N	.2	N	50
LA054	150	N	.50	100	N	20	N	100	N	--	N	.3	N	60
LA055	150	N	.50	100	N	30	N	100	10	--	N	.9	N	140
LA056	150	N	.50	100	N	30	N	150	10	--	N	.3	N	60
LA057	150	N	.50	100	N	20	N	100	10	--	N	.4	N	80
LA058	200	N	.50	100	N	20	N	100	10	--	N	.6	2	80
LA059	100	N	.50	100	N	50	N	100	10	--	N	.6	N	100
LA060	150	N	.50	100	N	20	N	200	10	--	N	.6	N	85
LA061	150	N	.50	100	N	20	N	200	10	--	N	.4	2	55
LA072	100	N	.20	150	N	15	<200	100	160	--	4	.7	N	100
LA073	100	N	.30	150	N	20	<200	200	N	--	N	.3	N	70
LA074	150	N	.30	150	N	20	<200	100	40	--	1	.6	N	105
LA075	150	N	.50	150	N	20	<200	200	N	--	N	.3	N	60
LA076	200	N	.30	150	N	30	<200	200	10	--	N	.4	N	90
LA077	200	N	.30	150	N	30	<200	200	N	--	N	.5	N	80
LA078	200	N	.50	150	N	20	<200	200	N	--	N	.5	N	75
LA079	100	N	.50	150	N	20	<200	200	N	--	N	.4	N	80
LA080	100	N	.50	150	N	20	200	100	70	--	<1	.8	12	160
LA081	150	N	.50	150	N	20	300	150	200	--	N	1.1	12	200
LA082	200	N	.30	150	N	20	300	100	600	--	N	1.0	26	200
LA083	200	N	.50	150	N	20	500	100	80	--	N	1.8	6	300
LA084	300	N	.70	200	N	20	<200	150	100	--	N	.5	6	150
LA085	200	N	.50	150	N	20	<200	150	30	--	N	.7	<2	145

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA086	65 19 14	149 59 26	N	N	70	700	<1.0	N	.30	30	100	50
LA087	65 18 8	149 49 55	N	N	50	2,000	<1.0	N	.50	20	200	50
LA088	65 18 7	149 50 21	N	N	70	1,500	<1.0	N	.30	20	150	50
LA089	65 17 32	149 53 2	N	N	50	2,000	1.0	N	.50	20	200	70
LA090	65 20 16	149 46 32	N	N	50	2,000	<1.0	N	.30	15	150	30
LA091	65 45 33	149 7 38	N	N	50	2,000	5.0	N	1.00	20	150	30
LA092	65 49 31	149 12 50	N	N	50	2,000	<1.0	N	1.00	20	150	30
LA093	65 48 55	149 10 20	N	N	30	3,000	<1.0	N	2.00	20	200	50
LA094	65 46 17	149 16 47	N	N	30	2,000	<1.0	N	1.00	20	150	50
LA095	65 45 34	149 21 28	N	N	30	2,000	<1.0	N	.30	30	150	70
LA096	65 52 55	149 32 3	N	N	50	2,000	<1.0	N	.50	10	150	20
LA097	65 47 54	149 30 16	N	N	50	2,000	N	N	.50	20	150	30
LA098	65 47 0	149 38 5	N	N	50	2,000	<1.0	N	1.00	20	200	30
LA099	65 53 3	149 41 26	N	N	50	1,500	<1.0	N	1.00	10	150	10
LA102	65 17 36	147 6 4	N	N	100	300	1.0	N	.10	15	50	15
LA103	65 18 12	147 4 35	N	N	100	200	1.0	N	<.05	7	30	10
LA104	65 18 52	147 2 23	<.5	N	100	500	1.0	N	.30	10	70	15
LA105	65 32 54	147 41 23	N	N	70	500	1.0	N	.30	15	50	10
LA106	65 33 18	147 38 40	N	N	70	500	1.0	N	1.00	20	100	15
LA107	65 34 7	147 34 35	N	N	70	500	1.0	N	1.00	20	50	15
LA110	65 21 48	147 5 1	N	N	70	300	1.0	N	.20	10	30	10
LA111	65 21 29	147 2 19	N	N	70	500	1.0	N	.20	15	50	10
LA112	65 21 38	147 1 50	N	N	70	300	1.0	N	.20	15	50	10
LA113	65 17 42	147 14 56	N	N	50	500	1.0	N	.20	15	50	15
LA114	65 17 45	147 15 14	N	N	70	500	1.0	N	.20	15	70	15
LA115	65 17 53	147 27 15	N	N	70	500	1.0	N	.50	20	70	15
LA116	65 17 59	147 27 34	N	N	50	300	1.0	N	.20	15	30	10
LA117	65 20 10	147 20 47	N	N	70	500	1.0	N	.30	15	50	10
LA118	65 47 7	147 37 26	N	N	70	500	1.0	N	.50	15	50	15
LA119	65 47 11	147 37 10	N	N	70	500	1.0	N	.50	15	30	20
LA120	65 48 28	147 32 35	N	N	70	500	1.5	N	.70	15	50	15
LA121	65 48 28	147 32 14	N	N	70	700	1.0	N	.50	20	70	20
LA122	65 48 1	147 26 47	N	N	70	700	1.0	N	.50	20	70	10
LA123	65 48 10	147 26 46	N	N	100	700	1.0	N	.30	20	100	15
LA124	65 48 3	147 26 17	N	N	70	500	1.5	N	.50	15	50	10
LA125	65 50 38	147 29 49	N	N	70	500	1.0	N	.70	15	70	15
LA126	65 50 43	147 29 39	N	N	70	500	1.5	N	.50	15	70	10
LA127	65 50 32	147 24 5	N	N	70	500	1.0	N	.30	10	50	10
LA128	65 48 17	147 22 11	N	N	70	700	1.0	N	.50	50	100	15
LA129	65 47 0	147 19 49	N	N	70	700	1.0	N	.50	20	100	10
LA131	65 50 48	147 12 49	N	N	100	700	1.0	N	.20	20	70	10
LA132	65 48 46	147 11 29	<.5	N	50	700	1.0	N	.70	15	70	15
LA133	65 51 19	147 3 3	N	N	70	500	1.5	N	.20	7	20	10
LA134	65 49 45	147 0 23	N	N	100	500	1.0	N	.20	15	50	20
LA139	65 33 49	147 14 55	.5	N	100	500	2.0	N	.15	20	70	20

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA086	7.0	20	<20	2.00	1,000	N	1.5	N	70	<.2	20	10	N
LA087	5.0	30	<20	2.00	1,500	N	3.0	N	70	<.2	30	15	N
LA088	5.0	30	N	2.00	1,000	N	2.0	N	70	<.2	30	10	N
LA089	5.0	30	<20	3.00	1,500	N	3.0	N	70	<.2	30	15	N
LA090	3.0	30	<20	1.50	1,000	N	2.0	N	50	<.2	50	15	N
LA091	5.0	30	<20	2.00	1,000	N	3.0	N	20	<.2	20	15	N
LA092	5.0	30	<20	2.00	1,000	N	2.0	N	30	<.2	20	15	N
LA093	5.0	30	<20	3.00	1,500	N	3.0	N	50	N	20	15	N
LA094	5.0	30	<20	2.00	1,000	N	3.0	N	50	<.2	20	15	N
LA095	5.0	30	<20	2.00	1,000	N	3.0	N	70	<.2	20	15	N
LA096	3.0	20	<20	2.00	1,000	N	3.0	N	30	<.2	15	10	N
LA097	5.0	20	<20	2.00	1,000	N	3.0	N	20	<.2	20	15	N
LA098	5.0	20	<20	3.00	1,500	N	3.0	N	50	<.2	20	15	N
LA099	2.0	20	<20	2.00	500	N	3.0	N	15	.2	15	10	N
LA102	3.0	--	50	.50	500	N	--	N	50	--	30	10	N
LA103	2.0	--	30	.20	100	N	--	N	20	--	20	10	N
LA104	2.0	--	50	.50	200	N	--	N	30	--	20	10	N
LA105	2.0	--	30	.50	500	N	--	N	20	--	15	10	N
LA106	2.0	--	20	1.00	500	N	--	N	30	--	10	15	N
LA107	2.0	--	20	.70	1,000	N	--	N	30	--	15	15	N
LA110	2.0	--	30	.50	300	N	--	N	20	--	10	10	N
LA111	2.0	--	30	.50	300	N	--	N	20	--	20	15	N
LA112	2.0	--	20	.50	300	N	--	N	20	--	15	10	N
LA113	3.0	--	30	.50	300	N	--	N	30	--	20	10	N
LA114	2.0	--	30	.50	300	N	--	N	20	--	15	10	N
LA115	3.0	--	30	.50	1,000	N	--	N	30	--	15	15	N
LA116	2.0	--	20	.70	300	N	--	N	30	--	15	10	N
LA117	2.0	--	20	.50	300	N	--	N	20	--	20	10	N
LA118	2.0	--	<20	.70	300	N	--	N	30	--	10	10	N
LA119	1.5	--	<20	.50	500	N	--	N	30	--	20	10	N
LA120	2.0	--	20	.50	300	N	--	N	30	--	15	10	N
LA121	2.0	--	20	.50	700	N	--	N	50	--	<10	15	N
LA122	2.0	--	30	.50	500	N	--	N	50	--	10	15	N
LA123	2.0	--	30	.70	500	N	--	<20	50	--	10	15	N
LA124	2.0	--	20	.50	300	N	--	N	30	--	<10	10	N
LA125	2.0	--	20	.50	300	N	--	N	30	--	10	10	N
LA126	1.5	--	50	.50	300	N	--	N	30	--	<10	10	N
LA127	1.5	--	50	.50	500	N	--	N	30	--	10	10	N
LA128	3.0	--	30	1.00	3,000	N	--	N	50	--	20	10	N
LA129	2.0	--	30	.70	1,000	N	--	N	50	--	15	10	N
LA131	3.0	--	30	1.00	500	N	--	N	50	--	15	10	N
LA132	3.0	--	50	.70	700	N	--	N	50	--	15	10	N
LA133	1.0	--	<20	.30	200	N	--	N	10	--	20	7	N
LA134	2.0	--	20	.70	500	N	--	N	20	--	50	10	N
LA139	2.0	--	30	.70	700	N	--	N	50	--	50	10	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA086	<100	N	.30	150	N	20	<200	100	70	--	N	.5	6	140
LA087	200	N	.30	200	N	30	<200	200	10	--	N	.8	N	110
LA088	<100	N	.30	150	N	15	<200	150	20	--	N	.7	N	130
LA089	300	N	.50	150	N	30	<200	150	50	--	N	.8	2	115
LA090	200	N	.30	150	N	30	200	150	N	--	N	1.6	2	175
LA091	300	N	.30	150	N	30	<200	200	N	--	N	.3	N	70
LA092	200	N	.70	200	N	30	<200	200	N	--	N	.5	N	85
LA093	300	N	1.00	200	N	30	<200	150	N	--	N	.5	N	85
LA094	300	N	.50	200	N	20	<200	200	N	--	N	.4	N	70
LA095	200	N	.50	150	N	20	<200	100	N	--	N	.6	N	105
LA096	200	N	.30	150	N	20	<200	150	N	--	N	.5	N	70
LA097	300	N	.50	200	N	20	<200	200	N	--	N	.4	N	80
LA098	300	N	1.00	200	N	20	<200	200	N	--	N	.4	N	70
LA099	200	N	.30	150	N	30	<200	200	N	--	N	.3	N	110
LA102	100	N	.50	100	N	30	N	200	N	--	N	.2	N	25
LA103	<100	N	.50	70	N	15	N	100	N	--	N	.1	N	20
LA104	<100	N	.50	100	N	20	N	300	N	--	N	.2	N	25
LA105	100	N	.50	100	N	20	N	300	N	--	N	.2	N	25
LA106	100	N	.50	150	N	20	N	200	N	--	N	.4	N	55
LA107	150	N	.50	100	N	20	N	150	N	--	N	.7	N	65
LA110	100	N	.50	70	N	20	N	150	N	--	N	.2	N	25
LA111	150	N	.50	100	N	20	N	100	N	--	N	.3	N	25
LA112	100	N	.50	70	N	20	N	200	N	--	N	.2	N	20
LA113	100	N	.50	100	N	20	N	100	N	--	N	.3	N	25
LA114	100	N	.50	100	N	20	N	150	N	--	N	.2	N	20
LA115	150	N	.50	100	N	20	N	150	N	--	N	.4	N	30
LA116	100	N	.20	70	N	20	N	150	N	--	N	.2	N	20
LA117	150	N	.30	100	N	20	N	100	N	--	N	.3	N	30
LA118	150	N	.50	100	N	30	N	200	N	--	N	.3	N	35
LA119	150	N	.30	100	N	20	N	200	N	--	N	.5	N	45
LA120	150	N	.50	100	N	20	N	200	10	--	N	.4	N	30
LA121	150	N	.50	100	N	20	N	200	N	--	N	.4	N	40
LA122	150	N	.50	100	N	20	N	200	N	--	N	.7	N	60
LA123	100	N	.50	100	N	20	N	200	N	--	N	.4	N	55
LA124	100	N	.50	100	N	20	N	150	N	--	N	.4	N	40
LA125	200	N	.50	100	N	20	N	100	N	--	N	.5	N	50
LA126	200	N	.50	100	N	20	N	200	N	--	N	.2	N	35
LA127	100	N	.50	100	N	20	N	300	N	--	N	.4	N	45
LA128	150	N	.50	100	N	20	N	200	N	--	N	1.2	N	75
LA129	100	N	.50	100	N	20	N	200	N	--	N	1.9	N	130
LA131	<100	N	.50	100	N	30	N	200	10	--	N	.6	N	100
LA132	150	N	.50	100	N	20	N	200	10	--	N	.8	N	65
LA133	N	N	.20	70	N	20	N	100	20	--	N	1.1	N	85
LA134	100	N	.30	100	N	20	N	150	10	--	N	.7	N	85
LA139	<100	N	.30	100	N	30	N	100	10	--	N	.4	N	45

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA140	65 33 46	147 15 21	.5	N	100	500	1.5	N	.15	20	100	30
LA141	65 34 59	147 15 20	<.5	N	70	500	2.0	N	.15	20	50	15
LA142	65 35 50	147 19 58	N	N	100	500	1.5	N	.50	20	70	20
LA143	65 33 55	147 21 5	<.5	N	70	300	2.0	N	.20	7	20	15
LA144	65 34 39	147 21 57	N	N	150	700	2.0	N	.20	20	100	20
LA145	65 33 1	147 28 54	N	N	100	500	3.0	N	.15	15	30	10
LA146	65 33 7	147 28 54	N	N	100	1,000	1.0	N	.30	20	100	20
LA147	65 31 14	147 24 48	.5	N	100	700	2.0	N	.20	20	70	20
LA148	65 31 15	147 28 34	N	N	100	500	1.0	N	.20	20	70	15
LA149	65 30 8	147 24 18	<.5	N	100	300	5.0	N	.15	7	10	7
LA152	65 27 47	147 34 44	N	N	70	300	1.0	N	.05	15	50	10
LA153	65 28 20	147 3 40	<.5	N	100	500	3.0	N	.20	15	50	15
LA154	65 25 28	147 9 10	N	N	100	500	2.0	N	.15	15	50	10
LA155	65 25 36	147 14 11	N	N	100	500	1.5	N	.20	20	70	10
LA156	65 26 33	147 12 8	N	N	100	500	5.0	N	.10	15	50	10
LA157	65 29 22	147 11 10	<.5	N	100	500	1.5	N	.20	20	100	20
LA158	65 28 12	147 11 40	.5	N	100	500	5.0	N	.15	15	50	15
LA159	65 29 58	147 12 22	<.5	N	100	500	2.0	10	.15	15	50	15
LA160	65 22 37	147 38 1	.7	N	100	500	1.5	N	.20	15	50	10
LA161	65 22 59	147 45 1	N	N	100	500	1.0	N	.30	15	50	10
LA162	65 23 48	147 50 23	N	N	100	500	2.0	N	.30	15	50	10
LA163	65 25 58	147 46 15	N	N	100	500	1.5	N	.20	15	30	10
LA164	65 27 52	147 41 58	N	N	70	300	1.0	N	.15	15	30	10
LA165	65 30 42	147 39 13	N	N	70	300	1.0	N	.10	15	15	7
LA166	65 33 18	147 41 5	N	N	70	500	1.5	N	.20	15	30	10
LA167	65 35 49	147 39 40	N	N	70	500	1.0	N	.20	15	50	10
LA168	65 38 23	147 36 12	N	N	70	500	1.5	N	.20	15	50	10
LA169	65 40 35	147 31 31	N	N	70	300	1.5	N	.20	15	50	10
LA170	65 42 42	147 26 52	N	N	50	300	1.0	N	.15	10	20	7
LA171	65 43 30	147 20 49	N	N	50	500	1.0	N	.20	15	50	10
LA172	65 37 52	147 6 36	N	N	50	1,000	1.0	N	.50	20	50	20
LA173	65 38 42	147 5 26	N	N	70	1,000	1.5	N	.20	30	70	15
LA174	65 40 22	147 5 29	N	N	100	1,500	1.0	N	.30	30	100	20
LA175	65 40 17	147 5 35	N	N	70	700	1.5	N	.15	20	70	20
LA176	65 44 35	147 4 7	<.5	N	200	700	1.5	N	.20	20	70	20
LA177	65 45 8	147 8 35	<.5	N	100	1,000	1.5	N	.20	20	50	15
LA201	65 29 58	147 50 35	N	N	30	200	1.5	N	.15	5	20	<5
LA202	65 35 20	147 42 12	N	N	50	500	1.0	N	.20	10	50	10
LA203	65 35 18	147 42 15	N	N	50	500	1.5	N	.50	15	50	15
LA204	65 38 35	147 40 25	N	N	50	500	<1.0	N	.30	50	300	15
LA205	65 39 45	147 33 47	N	N	30	200	<1.0	N	.20	20	1,500	10
LA206	65 39 48	147 33 42	N	N	70	500	1.0	N	.50	20	300	10
LA228	65 48 35	147 14 35	N	N	30	300	1.0	N	<.05	7	15	<5
LA229	65 51 10	147 15 30	N	N	50	700	1.5	N	.50	15	50	10
LA230	65 51 15	147 11 45	N	N	70	700	1.0	N	.05	10	50	10

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA140	3.0	--	50	.70	500	N	--	N	50	--	100	15	N
LA141	2.0	--	50	.50	500	N	--	N	30	--	50	10	N
LA142	2.0	--	50	1.00	500	N	--	<20	50	--	50	15	N
LA143	1.5	--	N	.50	200	N	--	N	15	--	20	10	N
LA144	3.0	--	50	.70	500	N	--	<20	30	--	50	15	N
LA145	2.0	--	20	.50	500	N	--	N	20	--	30	10	N
LA146	3.0	--	30	1.00	500	N	--	<20	50	--	20	10	N
LA147	2.0	--	50	.70	500	N	--	<20	50	--	50	10	N
LA148	2.0	--	50	.70	700	N	--	<20	30	--	20	10	N
LA149	1.5	--	30	.20	700	N	--	<20	10	--	50	7	<10
LA152	2.0	--	20	.50	300	N	--	N	20	--	15	10	N
LA153	2.0	--	50	.50	500	<5	--	N	30	--	50	15	N
LA154	2.0	--	30	.50	500	N	--	N	30	--	20	15	N
LA155	2.0	--	30	.70	500	N	--	N	30	--	20	15	N
LA156	3.0	--	50	.70	500	N	--	N	30	--	30	15	N
LA157	3.0	--	50	.70	500	N	--	N	50	--	50	20	N
LA158	3.0	--	30	.50	500	N	--	N	30	--	50	15	<10
LA159	2.0	--	50	.50	500	N	--	N	20	--	70	10	15
LA160	2.0	--	50	.50	500	N	--	N	30	--	15	15	N
LA161	2.0	--	30	.50	500	N	--	N	20	--	20	15	N
LA162	2.0	--	20	.70	500	N	--	N	20	--	15	15	N
LA163	2.0	--	20	.50	500	N	--	N	20	--	10	10	15
LA164	2.0	--	20	.50	500	N	--	N	20	--	15	10	N
LA165	2.0	--	<20	.30	500	N	--	N	20	--	10	7	N
LA166	2.0	--	<20	.50	500	N	--	N	20	--	10	10	N
LA167	2.0	--	20	.70	500	N	--	N	20	--	15	10	N
LA168	2.0	--	20	.50	500	N	--	N	30	--	10	10	N
LA169	2.0	--	<20	.50	500	N	--	N	20	--	10	10	N
LA170	1.5	--	N	.50	300	N	--	N	20	--	<10	7	N
LA171	2.0	--	20	.50	500	N	--	N	30	--	10	10	N
LA172	3.0	--	30	.70	>5,000	<5	--	N	30	--	15	10	N
LA173	2.0	--	30	.70	1,500	N	--	N	30	--	30	10	N
LA174	3.0	--	50	1.50	700	N	--	20	50	--	15	15	N
LA175	3.0	--	50	.70	700	N	--	N	30	--	30	15	N
LA176	3.0	--	20	.70	1,500	<5	--	N	30	--	20	10	N
LA177	3.0	--	30	1.00	700	N	--	<20	30	--	20	10	N
LA201	.7	--	N	.30	200	N	--	N	7	--	<10	7	N
LA202	2.0	--	<20	.50	300	N	--	N	20	--	20	15	N
LA203	2.0	--	20	.70	500	N	--	N	20	--	15	15	N
LA204	3.0	--	<20	2.00	700	N	--	N	200	--	15	20	N
LA205	2.0	--	N	1.50	700	N	--	N	100	--	<10	10	N
LA206	3.0	--	<20	.70	1,000	N	--	N	30	--	10	15	N
LA228	1.0	--	<20	.20	200	N	--	N	10	--	<10	7	N
LA229	2.0	--	20	1.00	300	N	--	N	50	--	15	10	N
LA230	2.0	--	20	1.00	200	N	--	N	30	--	<10	10	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA140	<100	N	.50	100	N	20	N	100	N	--	N	.8	N	60
LA141	<100	N	.30	100	N	30	N	100	10	--	N	.9	N	60
LA142	100	N	.50	150	N	20	N	100	N	--	N	.5	N	65
LA143	<100	N	.20	70	N	30	N	100	N	--	N	1.5	N	75
LA144	100	N	.70	100	N	30	N	100	N	--	1	.4	N	60
LA145	<100	N	.20	70	N	20	200	100	N	--	N	8.2	N	310
LA146	<100	N	.50	100	N	20	N	100	N	--	1	.5	N	65
LA147	100	N	.50	150	N	30	N	100	N	--	N	1.2	N	80
LA148	100	N	.50	100	N	20	N	100	N	--	N	.5	N	40
LA149	<100	N	.20	50	N	20	<200	100	N	--	N	1.0	N	70
LA152	<100	N	.30	100	N	20	N	150	N	--	N	.1	N	30
LA153	100	N	.30	100	N	20	N	200	90	--	N	.3	4	50
LA154	100	N	.30	100	N	20	N	200	20	--	N	.2	N	30
LA155	100	N	.50	100	N	30	N	200	10	--	N	.2	N	30
LA156	100	N	.50	100	N	20	N	200	10	--	N	.4	N	60
LA157	100	N	.50	100	N	30	N	200	10	--	N	.7	N	75
LA158	100	N	.30	100	N	30	N	200	10	--	N	1.2	N	95
LA159	100	N	.30	100	N	20	<200	150	N	--	N	1.3	N	120
LA160	100	N	.50	100	N	20	N	200	20	--	N	.2	N	45
LA161	100	N	.50	100	N	30	N	200	10	--	N	.2	N	45
LA162	100	N	.50	100	N	30	N	200	10	--	N	.2	N	25
LA163	100	N	.30	100	N	20	N	300	10	--	N	.2	N	40
LA164	100	N	.50	100	N	20	N	200	10	--	N	.2	N	45
LA165	<100	N	.20	100	N	10	N	150	10	--	N	.2	N	40
LA166	100	N	.30	100	N	15	N	200	10	--	N	.2	N	40
LA167	100	N	.50	100	N	20	N	200	10	--	N	.2	N	45
LA168	100	N	.50	100	N	20	N	200	10	--	N	.3	N	50
LA169	100	N	.20	100	N	20	N	100	10	--	N	.1	N	40
LA170	<100	N	.20	100	N	15	N	100	N	--	N	.2	N	45
LA171	<100	N	.30	100	N	20	N	100	N	--	N	.2	N	40
LA172	150	N	.30	150	N	20	<200	100	10	--	N	1.2	N	140
LA173	100	N	.30	100	N	20	<200	100	10	--	N	1.4	N	180
LA174	100	N	.70	150	N	50	<200	100	10	--	N	.4	2	90
LA175	100	N	.50	100	N	50	<200	100	10	--	N	.7	N	120
LA176	100	N	.30	150	N	20	200	100	20	--	N	1.7	N	240
LA177	100	N	.50	100	N	30	N	100	10	--	N	.7	2	100
LA201	N	N	.20	70	N	15	N	500	N	--	N	<.1	N	20
LA202	100	N	.30	100	N	20	N	200	10	--	N	.2	N	40
LA203	200	N	.30	50	N	30	N	200	10	--	N	.3	N	50
LA204	<100	N	.30	150	N	20	N	150	20	--	N	.2	N	70
LA205	N	N	.20	100	N	15	<200	70	20	--	N	.3	N	65
LA206	100	N	.30	150	N	20	N	100	10	--	N	.2	N	55
LA228	<100	N	.30	50	N	15	N	150	N	--	N	.9	N	130
LA229	100	N	.50	150	N	20	<200	100	10	--	N	.3	N	60
LA230	N	N	.20	100	N	15	N	100	20	--	N	4.7	N	400

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA231	65 51 15	147 10 30	N	N	100	700	1.0	N	.30	20	70	20
LA232	65 49 38	147 8 40	N	N	100	50	1.5	N	.10	15	30	15
LA234	65 48 18	147 3 50	N	N	100	500	1.0	N	.50	15	50	15
LA235	65 49 10	147 59 52	N	N	150	500	1.0	N	.20	20	100	20
LA236	65 49 25	147 56 30	<.5	N	10	500	1.5	N	.20	15	70	20
LA237	65 51 58	147 50 10	N	N	150	500	1.0	N	.10	20	70	20
LA238	65 49 28	147 51 40	N	N	70	700	2.0	N	.50	15	50	15
LA247	65 58 38	149 40 0	N	N	100	500	1.0	N	.30	20	50	10
LA248	65 57 2	149 54 35	N	N	70	500	1.0	N	.50	20	50	15
LA250	65 31 35	147 20 22	<.5	N	100	200	5.0	N	.15	10	10	15
LA251	65 31 35	148 21 25	N	N	100	100	10.0	N	.10	<5	<10	<5
LA252	65 31 52	147 23 25	N	N	100	200	5.0	N	.10	10	<10	7
LA254	65 14 52	147 38 22	N	N	50	300	<1.0	N	.20	10	50	10
LA256	65 16 25	147 40 55	N	N	50	300	1.0	N	.20	15	50	7
LA257	65 16 44	147 41 10	N	N	70	300	1.0	N	.50	10	70	15
LA258	65 16 12	147 46 44	N	N	50	200	1.0	N	.20	10	20	7
LA259	65 14 38	147 51 20	N	N	50	300	<1.0	N	.50	15	70	7
LA260	65 14 54	147 51 21	N	N	50	300	1.0	N	.50	15	70	10
LA261	65 13 40	147 33 15	N	N	50	300	1.0	N	.15	10	30	7
LA262	65 15 20	147 46 52	N	N	100	500	<1.0	N	.20	10	30	5
LA263	65 18 20	147 47 55	1.5	N	50	300	<1.0	N	.07	10	30	7
LA264	65 18 27	147 48 15	N	N	50	300	<1.0	N	.10	10	20	5
LA315	65 50 50	147 13 2	.5	N	50	500	1.0	N	.30	15	50	15
LA316	65 49 18	147 12 5	N	N	70	500	1.5	N	.20	20	50	15
LA317	65 49 2	147 5 30	.5	N	100	700	1.0	N	.70	20	100	20
LA318	65 51 23	147 2 51	<.5	N	100	500	1.0	N	.50	15	50	20
LA333	65 25 22	147 9 1	N	N	100	500	1.0	N	.20	15	100	10
LA346	65 30 54	147 5 0	N	N	100	500	1.5	N	.05	20	70	15
LA347	65 33 27	147 1 39	<.5	N	100	500	2.0	N	.20	100	100	20
LA348	65 32 12	147 4 11	N	N	100	500	1.5	N	.10	20	70	15
LA349	65 17 16	147 30 12	N	N	70	500	1.0	N	.50	15	100	15
LA350	65 22 52	147 9 30	<.5	N	100	500	1.0	N	.30	20	70	15
LA351	65 34 8	147 35 15	.5	N	70	500	1.0	N	.30	20	70	10
LA352	65 14 33	147 38 0	N	N	70	500	1.0	N	.70	15	70	10
LA353	65 15 48	147 36 45	N	N	100	500	1.5	N	.50	15	70	10
LA354	65 14 31	147 42 18	N	N	70	500	1.0	N	.70	15	100	10
LA355	65 16 2	147 40 50	N	N	70	500	1.0	N	.50	20	70	10
LA356	65 15 56	147 34 31	N	N	70	500	1.0	N	.50	20	70	10
LA357	65 15 18	147 51 55	N	N	70	500	1.0	N	.50	15	50	10
LA358	65 13 28	147 57 38	N	N	50	300	1.0	N	.15	10	30	5
LA359	65 14 33	147 54 40	N	N	70	500	1.0	N	.50	15	50	7
LA360	65 16 58	147 49 3	N	N	70	500	1.0	N	.50	15	50	7
LA361	65 20 5	147 43 42	N	N	70	500	1.0	N	.50	15	70	10
LA362	65 27 52	147 31 50	N	N	100	500	1.5	N	.20	20	50	7
LA363	65 24 18	147 42 10	N	N	70	500	1.0	N	.50	15	70	10

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct.	Ga-ppm	La-ppm	Mg-pct.	Mn-ppm	Mo-ppm	Na-pct.	Nb-ppm	Ni-ppm	P-pct.	Pb-ppm	Sc-ppm	Sn-ppm
	s	s	s	s	s	s	s	s	s	s	s	s	s
LA231	3.0	--	<20	1.00	>5,000	<5	--	N	70	--	20	10	N
LA232	2.0	--	20	1.00	700	N	--	N	30	--	20	10	N
LA234	2.0	--	30	.70	500	<5	--	N	30	--	30	10	N
LA235	3.0	--	30	1.00	700	N	--	N	70	--	20	15	N
LA236	2.0	--	30	.70	500	N	--	N	50	--	10	10	N
LA237	3.0	--	50	1.00	700	N	--	N	50	--	70	15	N
LA238	3.0	--	100	1.00	1,000	N	--	20	50	--	30	10	N
LA247	3.0	--	<20	1.00	500	N	--	N	50	--	20	15	N
LA248	2.0	--	<20	.50	700	N	--	N	30	--	<10	15	N
LA250	2.0	--	50	.30	1,000	<5	--	<20	15	--	200	7	50
LA251	.5	--	<20	.07	500	N	--	N	<5	--	50	<5	<10
LA252	1.0	--	30	.20	500	N	--	N	10	--	70	5	10
LA254	2.0	--	30	.30	20	N	--	N	20	--	10	10	N
LA256	1.5	--	N	.50	200	N	--	N	20	--	10	10	N
LA257	2.0	--	30	.70	300	N	--	N	20	--	15	15	N
LA258	1.0	--	30	.50	200	N	--	N	15	--	<10	10	N
LA259	1.5	--	20	.70	200	N	--	N	20	--	10	15	N
LA260	2.0	--	30	.70	300	N	--	N	20	--	10	15	N
LA261	1.5	--	20	.30	200	N	--	N	10	--	10	7	N
LA262	1.0	--	20	.30	200	N	--	N	<5	--	10	10	N
LA263	1.5	--	30	.20	150	N	--	N	10	--	10	7	N
LA264	1.5	--	20	.20	150	N	--	N	10	--	<10	7	N
LA315	2.0	--	50	.50	500	N	--	N	20	--	20	10	N
LA316	2.0	--	50	.70	500	N	--	N	30	--	20	15	N
LA317	5.0	--	50	1.00	700	<5	--	<20	50	--	20	20	N
LA318	2.0	--	70	.70	500	N	--	N	30	--	50	15	N
LA333	3.0	--	100	1.00	300	N	--	<20	30	--	10	20	N
LA346	3.0	--	50	1.00	500	N	--	N	50	--	20	15	N
LA347	3.0	--	50	1.00	2,000	N	--	N	70	--	50	20	N
LA348	3.0	--	50	.70	700	N	--	N	30	--	30	15	N
LA349	2.0	--	50	.70	500	N	--	N	30	--	15	15	N
LA350	2.0	--	30	1.00	500	N	--	N	20	--	20	15	N
LA351	3.0	--	50	.70	500	N	--	N	20	--	15	15	N
LA352	2.0	--	30	.70	500	N	--	N	30	--	10	15	N
LA353	2.0	--	30	.70	500	N	--	N	50	--	10	15	N
LA354	3.0	--	30	1.00	500	N	--	N	30	--	10	15	N
LA355	3.0	--	20	.70	500	N	--	N	30	--	15	15	N
LA356	3.0	--	30	.70	1,000	N	--	N	30	--	20	15	N
LA357	3.0	--	20	.70	500	N	--	N	30	--	15	15	N
LA358	1.5	--	<20	.50	200	N	--	N	20	--	<10	10	N
LA359	2.0	--	20	.70	300	N	--	N	30	--	15	10	N
LA360	2.0	--	30	.70	500	N	--	N	30	--	10	10	N
LA361	3.0	--	<20	.70	300	N	--	N	20	--	15	10	N
LA362	3.0	--	30	.70	700	N	--	N	30	--	20	10	N
LA363	3.0	--	20	.70	300	N	--	N	30	--	15	15	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA231	100	N	.20	100	N	15	200	100	20	--	N	.3	N	50
LA232	<100	N	.30	100	N	20	N	150	10	--	N	.4	N	50
LA234	150	N	.30	100	N	20	N	100	20	--	N	2.5	4	390
LA235	100	N	.50	150	N	20	200	100	30	--	N	1.0	2	190
LA236	100	N	.30	150	N	20	N	100	20	--	N	.5	2	65
LA237	<100	N	.50	100	N	20	<200	100	10	--	N	.9	N	140
LA238	500	N	.30	100	N	20	N	100	10	--	N	.4	N	100
LA247	<100	N	.50	150	N	20	N	150	10	--	N	.3	N	75
LA248	100	N	.50	150	N	20	N	200	10	--	N	.5	N	75
LA250	<100	N	.15	70	N	30	200	200	10	--	1	2.0	N	330
LA251	N	N	.05	10	N	30	N	70	N	--	N	1.5	N	110
LA252	<100	N	.10	20	N	30	<200	100	10	--	N	1.3	N	100
LA254	150	N	.50	100	N	30	N	150	10	--	N	.2	N	25
LA256	100	N	.30	100	N	20	N	150	10	--	N	.1	N	25
LA257	150	N	.50	100	N	30	N	200	10	--	N	.1	N	25
LA258	100	N	.20	100	N	15	N	150	10	--	N	.1	N	25
LA259	150	N	.50	100	N	20	N	200	10	--	N	.1	N	20
LA260	150	N	.50	100	N	20	N	200	10	--	N	.1	N	25
LA261	100	N	.20	100	N	15	N	100	N	--	N	.1	N	15
LA262	100	N	.30	100	N	20	N	500	N	--	N	.1	N	15
LA263	<100	N	.20	100	N	20	N	200	N	--	N	N	N	20
LA264	<100	N	.20	100	N	20	N	200	N	--	N	N	N	20
LA315	100	N	.50	100	N	30	N	200	N	--	N	.4	N	60
LA316	100	N	.30	100	N	30	N	500	10	--	N	.4	N	60
LA317	100	N	.70	150	N	50	N	200	40	--	N	.6	4	120
LA318	100	N	.30	100	N	20	N	200	10	--	N	.5	N	65
LA333	100	N	.50	100	N	50	N	500	10	--	N	N	N	25
LA346	<100	N	.50	100	N	30	N	200	10	--	N	.2	N	55
LA347	150	N	.50	100	N	50	N	200	10	--	N	.7	N	85
LA348	100	N	.50	100	N	30	N	150	10	--	N	.2	N	55
LA349	100	N	.50	100	N	30	N	200	10	--	N	.1	N	30
LA350	150	N	.50	100	N	20	N	200	10	--	N	.1	N	35
LA351	150	N	.50	100	N	20	N	200	10	--	N	.1	N	25
LA352	200	N	.30	100	N	30	N	300	10	--	N	.2	N	35
LA353	150	N	.50	100	N	30	N	200	10	--	N	.2	N	40
LA354	150	N	.50	100	N	50	N	300	10	--	N	.2	N	35
LA355	100	N	.50	100	N	20	N	200	10	--	N	.1	N	45
LA356	100	N	.50	100	N	30	N	300	20	--	N	.3	N	55
LA357	100	N	.50	100	N	30	N	200	10	--	N	.2	N	45
LA358	<100	N	.30	70	N	20	N	200	10	--	N	<.1	N	35
LA359	100	N	.50	100	N	20	N	200	20	--	N	.2	N	40
LA360	100	N	.50	100	N	30	N	300	10	--	N	.2	N	45
LA361	150	N	.50	100	N	30	N	200	10	--	N	.2	N	45
LA362	100	N	.50	100	N	30	N	200	10	--	N	.2	N	60
LA363	150	N	.50	100	N	20	N	200	10	--	N	.2	N	45

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA364	65 24 29	147 43 54	N	N	70	500	1.0	N	.70	15	70	10
LA365	65 23 38	147 51 2	N	N	50	500	1.0	N	.50	15	70	10
LA366	65 38 48	147 5 10	N	N	70	500	1.0	N	.05	20	70	15
LA367	65 40 16	147 5 48	N	N	50	700	1.5	N	.70	15	70	20
LA368	65 42 6	147 5 19	<.5	N	100	700	1.5	N	.30	20	70	20
LA369	65 43 18	147 2 19	<.5	N	150	700	2.0	N	.20	30	100	20
LA370	65 43 28	147 13 20	N	N	200	700	1.0	N	.30	20	70	20
LA384	65 18 3	147 14 0	N	N	50	300	<1.0	N	.20	7	20	7
LA385	65 14 26	147 14 0	N	N	50	300	<1.0	N	.20	10	50	10
LA386	65 14 30	147 32 30	N	N	100	500	1.5	N	.30	10	70	70
LA387	65 54 44	147 7 39	<.5	N	200	1,000	1.0	N	1.00	50	700	50
LA388	65 56 57	147 0 2	N	N	100	1,000	<1.0	N	.50	10	700	30
LA389	65 56 46	147 10 50	N	N	50	1,500	N	N	.50	20	1,000	30
LA390	65 57 38	147 23 43	N	N	50	1,000	<1.0	N	.50	20	500	30
LA391	65 57 37	147 23 21	N	N	70	1,500	<1.0	N	.50	20	500	50
LA392	65 55 58	147 19 47	N	N	70	1,500	<1.0	N	.30	20	500	30
LA393	65 54 5	147 19 23	N	N	100	2,000	N	N	.50	30	500	50
LA394	65 54 8	147 19 5	N	N	50	3,000	<1.0	N	1.00	30	500	50
LA395	65 55 26	147 34 12	N	N	70	1,500	<1.0	N	.30	20	500	30
LA396	65 59 49	147 30 39	N	N	50	1,000	1.0	N	.50	20	100	50
LA397	65 56 6	147 42 30	N	N	30	1,500	<1.0	N	.30	20	500	30
LA398	65 54 27	147 49 50	N	N	50	2,000	<1.0	N	.50	20	300	30
LA399	65 54 23	147 49 27	N	N	100	5,000	<1.0	N	.30	30	1,500	50
LA404	65 36 49	147 33 13	N	N	70	500	1.5	N	1.50	20	70	15
LA408	65 20 51	147 6 4	N	N	50	300	1.0	N	.05	7	30	5
LA409	65 18 29	147 12 55	N	N	50	300	1.0	N	.07	7	30	7
LA410	65 18 30	147 24 35	N	N	70	300	1.0	N	.15	7	20	5
LA411	65 45 36	147 39 0	N	N	50	300	1.5	N	.15	20	100	10
LA416	65 48 39	147 20 18	N	N	70	200	1.0	N	.10	20	30	20
LA427	65 35 53	147 18 10	N	N	100	1,000	1.5	N	1.00	30	150	20
LA428	65 35 37	147 23 56	N	N	100	500	1.5	N	1.00	30	150	20
LA429	65 33 57	147 26 56	N	N	150	700	2.0	N	1.00	20	150	20
LA430	65 30 19	147 28 59	N	N	100	500	1.0	N	.05	10	50	10
LA432	65 23 3	148 56 30	N	N	100	500	1.5	N	.15	20	150	15
LA433	65 26 40	147 15 15	<.5	N	70	500	1.5	N	.10	15	50	10
LA434	65 28 26	147 10 30	<.5	N	100	500	2.0	N	.10	20	70	15
LA435	65 28 19	147 9 2	N	N	100	500	2.0	N	<.05	15	50	10
LA436	65 30 3	147 5 55	N	N	150	500	2.0	N	.05	15	70	15
LA437	65 32 3	147 8 9	<.5	N	100	500	2.0	N	.05	15	70	20
LA441	65 25 50	147 27 28	N	N	70	500	3.0	N	.07	10	30	10
LA444	65 35 39	147 8 21	N	N	100	700	2.0	N	.20	20	100	15
LA446	65 36 59	147 13 50	N	N	70	3,000	1.0	N	1.00	30	200	30
LA447	65 37 9	147 13 40	N	N	100	5,000	<1.0	N	1.00	30	200	30
LA448	65 39 39	147 11 5	N	N	100	2,000	1.5	N	.70	20	150	20
LA449	65 39 30	147 11 0	N	N	100	1,000	1.0	N	1.00	30	200	30

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA364	3.0	--	20	.70	500	N	--	N	30	--	10	10	N
LA365	3.0	--	20	.70	500	N	--	N	30	--	<10	10	N
LA366	5.0	--	30	.70	500	N	--	N	30	--	50	10	N
LA367	2.0	--	<20	1.00	300	N	--	N	30	--	20	15	N
LA368	3.0	--	30	1.00	500	N	--	N	50	--	30	15	N
LA369	5.0	--	30	1.00	1,000	N	--	<20	50	--	15	15	N
LA370	3.0	--	50	1.00	700	N	--	<20	30	--	15	15	N
LA384	1.0	--	30	.30	300	N	--	N	15	--	15	7	N
LA385	1.0	--	<20	.50	200	N	--	N	20	--	10	7	N
LA386	2.0	--	20	.50	200	N	--	N	15	--	30	10	10
LA387	10.0	20	70	2.00	1,500	N	2.0	N	100	.2	50	15	N
LA388	5.0	15	<50	1.00	1,000	N	1.0	N	50	<.2	20	5	N
LA389	5.0	20	<50	.70	300	N	2.0	N	30	.2	15	7	N
LA390	5.0	15	50	1.50	700	N	2.0	<20	50	.3	10	10	N
LA391	7.0	20	50	2.00	1,000	N	2.0	N	50	.3	15	15	N
LA392	5.0	20	50	1.50	1,000	N	2.0	<20	50	.2	15	10	N
LA393	7.0	20	50	2.00	1,000	N	2.0	20	100	<.2	30	15	N
LA394	5.0	20	100	3.00	1,000	N	2.0	<20	70	.2	30	15	N
LA395	5.0	15	<50	1.00	700	N	1.5	N	30	<.2	15	10	N
LA396	5.0	15	<50	.70	2,000	N	1.0	N	30	.2	20	10	N
LA397	5.0	20	<50	1.00	500	N	2.0	N	50	.2	10	10	N
LA398	5.0	20	<50	1.00	1,000	N	3.0	N	30	.2	15	10	N
LA399	7.0	15	<50	1.50	1,000	N	2.0	N	100	.2	15	10	N
LA404	3.0	--	<20	1.50	1,000	N	--	N	50	--	10	15	N
LA408	1.5	--	<20	.30	300	N	--	N	10	--	10	7	N
LA409	1.5	--	20	.20	200	N	--	N	15	--	10	7	N
LA410	1.5	--	20	.30	200	N	--	N	10	--	10	10	N
LA411	3.0	--	20	1.00	500	N	--	N	50	--	15	10	N
LA416	3.0	--	50	.50	700	N	--	N	20	--	20	7	N
LA427	5.0	--	50	2.00	1,000	N	--	30	50	--	20	20	N
LA428	5.0	--	30	1.50	500	N	--	20	50	--	20	15	15
LA429	5.0	--	30	2.00	700	N	--	<20	50	--	20	15	N
LA430	3.0	--	30	.50	150	N	--	N	30	--	10	7	N
LA432	5.0	--	<20	.70	1,000	N	--	N	50	--	10	10	N
LA433	3.0	--	30	.70	200	N	--	N	20	--	10	10	N
LA434	5.0	--	50	.70	500	N	--	N	30	--	50	10	100
LA435	3.0	--	30	.70	300	N	--	N	30	--	20	10	N
LA436	5.0	--	30	.70	300	N	--	N	50	--	30	10	N
LA437	3.0	--	50	.70	300	N	--	N	30	--	150	10	<10
LA441	2.0	--	30	.50	300	N	--	N	15	--	30	7	N
LA444	3.0	--	30	1.00	500	N	--	N	70	--	20	10	N
LA446	7.0	--	50	2.00	1,500	N	--	20	70	--	20	20	N
LA447	10.0	--	30	2.00	1,000	N	--	20	100	--	15	20	N
LA448	7.0	--	30	1.50	1,000	N	--	<20	70	--	20	10	N
LA449	10.0	--	20	2.00	700	N	--	30	70	--	30	15	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA364	100	N	.50	100	N	20	N	200	10	--	N	.2	N	55
LA365	150	N	.50	100	N	20	N	200	10	--	N	.3	N	60
LA366	<100	N	.50	100	N	20	<200	200	20	--	N	.5	N	130
LA367	100	N	.50	100	N	20	N	150	10	--	N	.8	N	130
LA368	100	N	.50	150	N	30	N	300	30	--	N	.4	2	110
LA369	100	N	.50	150	N	20	N	200	30	--	N	1.0	4	140
LA370	100	N	.50	100	N	50	N	200	30	--	N	.4	2	80
LA384	150	N	.20	70	N	15	N	150	20	--	N	.2	N	40
LA385	<100	N	.30	70	N	15	N	100	10	--	N	.2	N	45
LA386	100	N	.50	100	N	20	N	200	10	--	N	.1	N	15
LA387	200	N	.70	200	N	30	200	150	N	--	N	1.1	N	200
LA388	<100	N	.30	100	N	10	<200	100	N	--	N	.9	N	145
LA389	<100	N	.50	150	N	15	N	300	N	--	N	.6	N	120
LA390	150	N	.50	150	N	20	<200	150	<10	--	N	.6	N	100
LA391	200	N	1.00	150	N	30	<200	300	<10	--	N	.4	N	90
LA392	100	N	.30	150	N	30	N	200	<10	--	N	.4	N	95
LA393	200	N	1.00	300	N	20	<200	200	10	--	N	1.1	N	200
LA394	200	N	1.00	200	N	30	300	100	N	--	N	2.1	N	450
LA395	<100	N	.30	100	N	20	<200	200	N	--	N	.4	N	65
LA396	100	N	.20	150	N	15	<200	100	20	--	N	1.0	N	105
LA397	<100	N	.50	150	N	15	N	200	<10	--	N	.3	N	65
LA398	200	N	.50	200	N	20	200	200	N	--	N	1.0	N	120
LA399	N	N	.70	300	N	20	200	200	N	--	N	.6	N	250
LA404	200	N	.70	100	N	20	<200	100	20	--	N	.5	N	110
LA408	<100	N	.50	70	N	15	N	150	20	--	N	N	N	20
LA409	100	N	.50	70	N	15	N	100	20	--	N	N	N	20
LA410	<100	N	.50	70	N	20	N	150	20	--	N	N	N	20
LA411	<100	N	.30	100	N	15	N	70	20	--	N	.1	N	45
LA416	<100	N	.30	100	N	20	N	200	20	--	N	N	N	30
LA427	150	N	.50	150	N	20	N	150	10	--	N	.1	N	55
LA428	100	N	.50	100	N	20	N	100	20	--	N	.2	N	60
LA429	100	N	.50	100	N	30	N	150	10	--	N	.4	N	70
LA430	<100	N	.30	70	N	15	N	100	10	--	N	<.1	N	20
LA432	<100	N	.50	150	N	20	N	100	20	--	N	.2	N	75
LA433	<100	N	.50	100	N	20	N	150	10	--	N	N	N	15
LA434	<100	N	.50	100	N	30	<200	150	10	--	N	.7	N	75
LA435	<100	N	.30	100	N	20	N	100	20	--	N	.2	N	35
LA436	<100	N	.50	100	N	20	<200	100	10	--	N	.6	N	80
LA437	<100	N	.30	100	N	20	200	100	20	--	N	1.6	N	170
LA441	<100	N	.30	70	N	20	N	100	10	--	N	.2	N	20
LA444	<100	N	.50	100	N	20	N	100	10	--	N	.1	N	40
LA446	200	N	1.00	200	N	20	200	100	20	--	N	2.3	2	280
LA447	200	N	1.00	200	N	20	200	100	10	--	N	2.1	N	540
LA448	200	N	.70	100	N	20	<200	100	10	--	N	.6	N	90
LA449	150	N	1.00	100	N	20	N	100	20	--	N	.6	2	85

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA450	65 41 51	147 9 27	N	N	100	1,000	2.0	N	.10	20	70	20
LA451	65 28 38	147 32 30	N	N	100	700	3.0	N	.30	20	70	15
LA457	65 29 16	147 37 45	N	N	50	300	1.0	N	5.00	10	70	7
LA458	65 37 9	147 6 31	N	N	100	700	1.0	N	.20	20	100	10
LA459	65 38 7	147 2 31	N	N	200	700	1.5	N	<.05	20	100	15
LA460	65 44 6	147 6 20	<.5	N	150	1,000	1.0	N	.07	30	100	30
LA461	65 45 28	147 10 30	<.5	N	100	2,000	1.0	N	.15	30	100	50
LA469	65 44 12	147 50 40	.5	N	100	1,500	<1.0	N	.10	10	50	20
LA470	65 44 37	147 59 55	<.5	N	100	500	3.0	N	.50	20	50	20
LA471	65 39 12	147 16 24	N	N	70	1,000	1.0	N	.50	30	150	30
LA472	65 43 0	147 16 45	N	N	70	700	<1.0	N	.70	50	150	30
LA474	65 43 32	147 26 16	<.5	N	50	300	<1.0	N	2.00	15	50	10
LA475	65 39 42	147 20 21	N	N	30	500	<1.0	N	1.50	50	200	20
LA476	65 38 11	147 24 22	N	N	30	1,000	<1.0	N	1.50	30	200	30
LA479	65 43 57	147 40 35	N	N	70	300	1.0	N	.30	20	300	10
LA480	65 31 39	147 38 50	.5	N	100	700	1.0	N	1.00	20	150	50
LA481	65 20 56	148 1 10	N	N	70	300	1.0	N	.15	20	50	15
LA482	65 19 53	147 9 32	N	N	50	300	1.0	N	.15	10	30	7
LA483	65 18 27	147 12 55	N	N	50	200	1.0	N	.20	7	30	20
LA484	65 17 19	147 30 34	N	N	50	300	1.0	N	.15	7	20	5
LA485	65 54 19	149 37 56	N	N	50	1,000	<1.0	N	.30	<10	100	15
LA486	65 59 21	149 30 22	N	N	50	1,500	<1.0	N	.30	10	100	20
LA487	65 51 32	149 46 15	N	N	50	1,500	<1.0	N	2.00	10	150	30
LA488	65 26 22	148 0 51	N	N	50	1,000	<1.0	N	.30	10	150	20
LA489	65 26 16	148 0 49	N	N	50	1,000	<1.0	N	.20	10	70	20
LA490	65 28 47	147 57 35	N	N	50	500	<1.0	N	.30	20	150	30
LA491	65 28 41	147 57 29	N	N	50	1,000	<1.0	N	.20	10	150	20
LA492	65 16 3	148 16 58	N	N	50	1,000	<1.0	N	.30	20	150	30
LA493	65 14 43	148 19 9	N	N	50	1,000	<1.0	N	.30	20	150	30
LA494	65 12 38	148 22 15	N	N	50	1,000	<1.0	N	.30	10	100	20
LA495	65 10 55	148 24 41	N	N	50	1,000	<1.0	N	1.00	15	150	20
LA496	65 9 19	148 28 27	N	N	50	1,000	<1.0	N	.50	10	150	20
LA497	65 7 38	148 31 49	N	N	30	500	N	N	.30	<10	100	30
LA498	65 4 37	148 32 55	N	N	50	1,500	<1.0	N	.50	10	150	30
LA499	65 2 1	148 38 44	N	N	50	1,000	<1.0	N	.20	15	100	20
LA501	65 44 4	147 32 8	N	N	70	500	1.0	N	.50	15	100	15
LA502	65 42 8	147 34 38	N	N	70	500	1.0	N	.50	15	70	15
LA503	65 36 2	147 41 50	N	N	50	500	1.0	N	.50	10	70	15
LA504	65 36 3	147 41 40	N	N	50	500	1.0	N	.30	15	70	15
LA505	65 38 30	147 37 50	N	N	50	700	1.5	N	.70	20	70	20
LA506	65 19 29	147 10 51	N	N	50	300	1.0	N	.05	15	20	5
LA507	65 23 30	147 17 20	N	N	100	500	2.0	N	.15	15	50	10
LA509	65 45 50	147 35 50	<.5	N	70	700	1.5	N	.70	20	70	15
LA510	65 45 3	147 30 24	N	N	50	500	1.5	N	.50	15	50	10
LA511	65 50 40	147 22 10	N	N	70	500	2.0	N	.07	15	50	10

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA450	3.0	--	30	1.00	500	<5	--	<20	50	--	20	15	N
LA451	2.0	--	20	1.00	500	N	--	<20	50	--	30	15	N
LA457	1.0	--	N	2.00	200	N	--	N	10	--	15	10	N
LA458	3.0	--	30	1.00	300	N	--	<20	50	--	20	15	N
LA459	3.0	--	50	.50	500	N	--	<20	30	--	20	15	N
LA460	3.0	--	50	.70	1,000	<5	--	<20	50	--	20	10	N
LA461	3.0	--	20	.50	1,000	5	--	N	50	--	15	10	N
LA469	3.0	--	20	.20	200	<5	--	<20	20	--	15	10	N
LA470	2.0	--	70	.70	1,000	5	--	30	30	--	20	10	N
LA471	5.0	--	30	1.50	500	N	--	20	70	--	15	15	N
LA472	5.0	--	<20	2.00	1,000	N	--	20	70	--	20	15	N
LA474	1.5	--	N	2.00	700	N	--	N	20	--	30	7	N
LA475	5.0	--	20	2.00	1,000	N	--	30	70	--	<10	20	N
LA476	5.0	--	20	2.00	1,000	N	--	20	50	--	10	20	N
LA479	3.0	--	<20	1.00	1,000	N	--	N	50	--	<10	10	N
LA480	3.0	--	50	1.00	1,000	10	--	N	70	--	20	15	N
LA481	3.0	--	20	.70	100	N	--	N	30	--	20	10	N
LA482	2.0	--	<20	.30	300	N	--	N	15	--	20	10	N
LA483	1.5	--	20	.30	200	N	--	N	10	--	10	10	N
LA484	1.5	--	<20	.20	200	N	--	N	10	--	10	10	N
LA485	2.0	20	<50	1.00	300	N	2.0	N	20	.2	30	7	30
LA486	1.5	20	<50	1.00	700	N	2.0	N	20	.2	10	7	N
LA487	3.0	20	<50	1.50	700	N	3.0	N	30	.2	20	15	N
LA488	3.0	20	50	1.00	700	N	2.0	N	20	<.2	10	10	N
LA489	2.0	20	50	.70	500	N	2.0	N	15	<.2	10	7	N
LA490	3.0	20	<50	1.00	500	N	2.0	N	20	<.2	15	15	N
LA491	2.0	20	50	1.00	300	N	2.0	N	20	.2	15	10	N
LA492	2.0	20	<50	1.50	1,000	N	2.0	N	30	<.2	10	10	N
LA493	2.0	20	<50	1.50	1,500	N	2.0	N	30	.2	15	10	N
LA494	1.0	20	<50	1.50	300	N	2.0	N	15	<.2	10	7	N
LA495	2.0	20	50	2.00	1,000	N	2.0	N	20	<.2	15	10	N
LA496	1.0	20	<50	2.00	500	N	2.0	N	15	<.2	15	10	N
LA497	1.0	20	<50	2.00	500	N	2.0	N	20	<.2	10	7	N
LA498	3.0	30	50	2.00	700	N	3.0	N	20	<.2	15	10	N
LA499	1.0	20	<50	1.00	500	N	2.0	N	20	.2	10	10	N
LA501	2.0	--	30	.70	500	N	--	N	30	--	20	15	N
LA502	2.0	--	20	.50	300	N	--	N	30	--	20	15	N
LA503	2.0	--	20	.70	300	N	--	N	30	--	20	15	N
LA504	2.0	--	20	.70	300	N	--	N	30	--	30	20	N
LA505	2.0	--	30	.70	300	N	--	N	50	--	20	20	N
LA506	2.0	--	<20	.30	300	N	--	N	15	--	10	10	N
LA507	2.0	--	30	.70	300	N	--	N	30	--	20	15	N
LA509	2.0	--	30	.70	500	N	--	N	30	--	30	15	N
LA510	2.0	--	30	.50	200	N	--	N	20	--	20	15	N
LA511	2.0	--	30	.50	500	N	--	N	20	--	20	10	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA450	100	N	.50	100	N	20	<200	200	N	--	N	.5	2	95
LA451	100	N	.50	100	N	20	N	150	N	--	N	.5	N	70
LA457	100	N	.20	100	N	15	N	70	N	--	N	.2	N	20
LA458	<100	N	.50	150	N	20	N	500	N	--	N	.2	N	55
LA459	<100	N	.50	100	N	30	N	200	N	--	N	.2	N	50
LA460	<100	N	.50	100	N	30	<200	150	20	--	N	.9	4	130
LA461	<100	N	.50	150	N	30	N	100	20	--	N	.5	6	130
LA469	<100	N	.50	150	N	20	N	100	40	--	N	.3	14	70
LA470	200	N	.30	100	N	20	<200	100	40	--	N	1.2	2	150
LA471	150	N	.70	150	N	20	N	100	N	--	N	.5	2	80
LA472	100	N	.70	150	N	20	N	100	20	--	N	.6	2	110
LA474	<100	N	.15	100	N	20	N	100	20	--	N	1.0	N	100
LA475	200	N	.70	150	N	20	N	100	N	--	N	.3	N	50
LA476	300	N	.70	200	N	20	<200	100	N	--	N	.6	N	90
LA479	<100	N	.20	100	N	20	N	100	10	--	N	.3	N	55
LA480	100	N	.30	150	N	20	N	100	30	--	N	.8	15	80
LA481	<100	N	.30	100	N	20	N	150	N	--	N	.2	2	20
LA482	100	N	.20	70	N	20	N	150	N	--	N	.1	N	20
LA483	100	N	.30	70	N	20	N	150	N	--	N	.1	N	15
LA484	<100	N	.20	50	N	20	N	100	N	--	N	.1	N	20
LA485	150	N	.30	100	N	15	N	100	N	--	N	.2	N	70
LA486	200	N	.30	100	N	20	<200	50	N	--	N	.4	N	75
LA487	300	N	.50	150	N	20	<200	150	N	--	N	.4	N	65
LA488	100	N	.50	100	N	20	<200	150	N	--	N	.3	N	80
LA489	<100	N	.20	100	N	15	<200	150	N	--	N	.3	N	70
LA490	150	N	.30	150	N	30	<200	150	N	--	N	.4	N	70
LA491	N	N	.30	100	N	20	<200	150	N	--	N	.3	N	60
LA492	<100	N	.50	150	N	20	<200	150	N	--	N	.4	N	70
LA493	<100	N	.50	100	N	20	<200	150	10	--	N	.4	N	75
LA494	100	N	.30	100	N	15	<200	150	N	--	N	.2	N	55
LA495	200	N	.50	100	N	20	<200	150	N	--	N	.2	N	55
LA496	150	N	.30	100	N	20	<200	150	N	--	N	.3	N	60
LA497	<100	N	.30	100	N	10	N	100	N	--	N	.4	N	60
LA498	200	N	.50	150	N	20	<200	150	N	--	N	.4	N	65
LA499	100	N	.30	100	N	20	<200	100	N	--	N	.3	N	60
LA501	150	N	.50	150	N	30	N	200	10	--	N	.2	N	40
LA502	100	N	.50	100	N	20	N	200	10	--	N	.1	N	40
LA503	150	N	.50	100	N	30	N	200	10	--	N	.3	N	55
LA504	150	N	.50	100	N	30	N	200	10	--	N	.2	N	50
LA505	200	N	.50	150	N	30	N	200	10	--	N	.3	N	65
LA506	100	N	.50	100	N	15	N	150	10	--	N	N	N	20
LA507	100	N	.50	100	N	20	N	150	10	--	N	.2	N	60
LA509	200	N	.50	100	N	30	N	200	10	--	N	.2	N	55
LA510	200	N	.50	100	N	20	N	200	10	--	N	.3	N	50
LA511	<100	N	.50	100	N	20	N	150	10	--	N	.2	N	50

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA514	65 48 35	147 18 45	N	N	70	700	1.0	N	.20	20	500	10
LA515	65 51 6	147 15 45	N	N	100	700	1.0	N	.30	15	50	20
LA516	65 51 19	147 10 32	N	N	100	700	1.5	N	.10	15	50	10
LA517	65 48 19	147 9 0	<.5	N	100	700	2.0	N	.50	20	50	10
LA518	65 49 22	147 4 30	N	N	100	700	2.0	N	.20	20	70	15
LA519	65 48 48	147 1 49	N	N	100	700	2.0	N	.20	30	70	20
LA526	65 23 20	147 8 0	N	N	70	300	2.0	N	.07	15	30	10
LA527	65 23 48	147 11 53	N	N	100	300	3.0	N	.05	15	20	10
LA528	65 23 54	147 17 14	N	N	70	500	1.5	N	.05	15	50	15
LA529	65 25 35	147 13 54	N	N	70	500	1.5	N	.05	15	70	15
LA530	65 26 41	147 12 20	N	N	70	500	1.0	N	.70	10	70	10
LA531	65 29 19	147 11 23	<.5	N	70	500	3.0	N	.15	10	30	10
LA532	65 28 59	147 15 8	<.5	N	50	300	10.0	N	.15	10	20	10
LA533	65 30 38	147 15 0	<.5	N	70	500	5.0	N	.20	15	70	10
LA534	65 29 56	147 12 39	N	N	50	300	2.0	N	.15	10	30	7
LA535	65 30 52	147 4 55	N	N	70	500	2.0	N	<.05	20	70	15
LA537	65 17 17	147 30 43	N	N	50	500	1.0	N	.10	10	30	7
LA538	65 21 10	147 20 0	N	N	70	500	1.0	N	.50	20	100	15
LA539	65 25 25	147 24 19	<.5	N	100	500	1.5	N	.20	15	100	10
LA540	65 23 17	147 28 59	N	N	100	500	1.5	N	.20	15	70	10
LA541	65 22 7	147 28 0	N	N	100	500	1.5	N	.30	15	70	10
LA542	65 19 6	147 35 8	N	N	100	500	1.0	N	.50	15	70	10
LA543	65 14 32	147 38 12	N	N	50	300	1.0	N	.30	7	70	10
LA544	65 15 40	147 36 40	N	N	100	500	1.0	N	.50	10	70	10
LA545	65 14 32	147 42 33	N	N	100	500	1.0	N	.50	15	100	10
LA546	65 16 3	147 41 8	N	N	100	500	1.0	N	.50	15	70	10
LA547	65 16 50	147 38 55	N	N	100	500	1.0	N	.50	15	70	15
LA548	65 15 52	147 54 41	N	N	70	300	1.0	N	.20	15	20	7
LA549	65 13 24	147 57 32	N	N	70	500	1.0	N	.70	20	100	10
LA550	65 14 30	147 54 35	N	N	50	500	1.0	N	.70	20	70	10
LA551	65 16 48	147 50 38	N	N	50	500	1.0	N	.20	10	50	7
LA552	65 19 20	147 49 15	N	N	70	500	1.5	N	.50	20	70	10
LA553	65 43 35	147 13 45	N	N	50	300	1.5	N	.50	15	100	10
LA554	65 45 29	147 6 50	N	N	70	500	1.0	N	1.50	20	70	15
LA555	65 43 47	147 2 5	N	N	100	500	1.0	N	.20	30	70	20
LA556	65 44 10	147 56 51	N	N	70	300	1.0	N	.15	15	20	10
LA570	65 55 6	147 6 47	N	N	100	1,000	<1.0	N	1.00	50	700	50
LA571	65 55 9	147 7 23	N	N	200	1,500	1.0	N	1.00	30	500	30
LA572	65 58 49	147 5 32	N	N	100	1,500	<1.0	N	1.00	30	700	30
LA573	65 58 50	147 5 50	<.5	N	200	1,500	1.0	N	2.00	30	300	70
LA574	65 59 32	147 9 30	N	N	70	1,500	<1.0	N	.50	20	500	20
LA575	65 59 47	147 19 6	N	N	100	1,500	<1.0	N	1.50	30	200	30
LA576	65 59 5	147 26 55	N	N	100	1,500	<1.0	N	1.00	30	200	20
LA577	65 59 4	147 27 6	N	N	100	1,500	<1.0	N	1.00	30	500	50
LA578	65 55 23	147 20 23	N	N	100	1,500	<1.0	N	2.00	50	500	70

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA514	3.0	--	20	.50	500	N	--	N	30	--	10	10	N
LA515	2.0	--	50	.70	700	N	--	N	30	--	50	10	N
LA516	2.0	--	50	.70	300	N	--	N	30	--	20	15	N
LA517	2.0	--	30	.70	700	N	--	N	30	--	15	10	N
LA518	2.0	--	50	.70	700	N	--	N	30	--	20	10	N
LA519	3.0	--	50	.70	1,000	<5	--	30	50	--	30	15	N
LA526	3.0	--	30	.50	500	N	--	N	20	--	15	10	N
LA527	2.0	--	30	.50	500	N	--	N	20	--	10	10	N
LA528	3.0	--	50	.70	500	N	--	N	20	--	20	10	100
LA529	3.0	--	50	.70	500	N	--	N	30	--	30	10	N
LA530	2.0	--	50	.50	500	N	--	N	20	--	15	15	N
LA531	2.0	--	70	.50	500	N	--	N	20	--	50	10	20
LA532	2.0	--	50	.30	700	N	--	N	20	--	50	7	<10
LA533	2.0	--	50	.50	700	N	--	<20	20	--	50	10	10
LA534	2.0	--	70	.30	500	N	--	N	10	--	50	7	10
LA535	3.0	--	30	.50	300	N	--	N	30	--	15	10	N
LA537	1.5	--	N	.30	300	N	--	N	10	--	<10	7	N
LA538	2.0	--	50	.70	500	N	--	N	30	--	20	15	N
LA539	2.0	--	30	.50	500	N	--	N	30	--	30	15	N
LA540	2.0	--	50	.50	500	N	--	N	20	--	20	10	N
LA541	2.0	--	20	.70	300	N	--	N	20	--	20	10	N
LA542	2.0	--	30	.70	300	N	--	N	20	--	10	10	N
LA543	1.5	--	20	.50	200	N	--	N	20	--	15	10	N
LA544	2.0	--	30	.70	300	N	--	N	20	--	10	10	N
LA545	2.0	--	30	1.00	300	N	--	N	20	--	15	10	N
LA546	2.0	--	30	.70	200	N	--	N	20	--	20	15	N
LA547	2.0	--	30	1.00	300	N	--	N	20	--	20	15	N
LA548	2.0	--	50	.30	200	N	--	N	20	--	15	10	N
LA549	2.0	--	30	.70	500	N	--	N	20	--	15	15	N
LA550	2.0	--	30	.70	700	N	--	N	30	--	10	15	N
LA551	2.0	--	50	.50	200	N	--	N	10	--	10	15	N
LA552	3.0	--	30	.70	500	N	--	N	20	--	20	20	N
LA553	2.0	--	N	.70	500	N	--	N	20	--	10	10	N
LA554	3.0	--	20	1.50	700	N	--	N	30	--	15	10	N
LA555	3.0	--	20	.70	1,000	N	--	N	30	--	10	15	N
LA556	1.5	--	20	.50	500	N	--	N	20	--	15	7	N
LA570	10.0	20	70	5.00	1,500	<5	1.0	30	100	1.0	50	10	N
LA571	7.0	20	50	2.00	1,000	N	2.0	20	50	.5	50	10	N
LA572	7.0	20	<50	3.00	1,000	N	1.5	30	70	.5	70	10	N
LA573	10.0	30	70	5.00	1,000	N	2.0	30	70	.7	200	15	N
LA574	5.0	15	<50	1.50	1,000	N	2.0	N	50	.5	20	10	N
LA575	7.0	30	<50	2.00	1,500	N	3.0	N	50	.5	30	10	N
LA576	7.0	20	<50	2.00	1,500	N	2.0	N	50	.5	20	10	N
LA577	7.0	20	50	2.00	1,000	N	2.0	20	100	<.2	20	10	N
LA578	10.0	30	70	5.00	1,000	N	1.5	50	150	.5	30	15	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA514	100	N	.70	100	N	20	N	100	20	--	N	.3	N	75
LA515	100	N	.50	100	N	30	N	150	10	--	N	.4	N	55
LA516	<100	N	.50	100	N	30	N	150	10	--	N	.5	N	100
LA517	100	N	.50	100	N	20	N	150	10	--	N	.7	4	120
LA518	150	N	.50	100	N	20	N	100	20	--	N	.4	N	70
LA519	100	N	.50	100	N	30	200	100	30	--	N	1.2	4	150
LA526	N	N	.20	100	N	15	N	150	10	--	N	.1	N	30
LA527	N	N	.20	100	N	15	N	100	N	--	N	.1	N	30
LA528	<100	N	.20	100	N	20	N	100	10	--	N	.2	N	55
LA529	100	N	.30	100	N	20	N	100	10	--	N	.2	N	55
LA530	150	N	.50	100	N	30	N	150	10	--	N	.2	N	30
LA531	<100	N	.20	100	N	50	<200	100	10	--	N	.8	N	120
LA532	<100	N	.20	70	N	50	200	100	10	--	N	1.5	N	160
LA533	100	N	.30	100	N	50	N	150	20	--	1	.6	N	80
LA534	<100	N	.20	70	N	50	N	300	N	--	N	.3	N	80
LA535	<100	N	.30	100	N	20	N	100	10	--	N	.2	N	50
LA537	<100	N	.30	70	N	15	N	100	N	--	N	.1	N	15
LA538	150	N	.50	100	N	30	N	150	10	--	N	.3	N	50
LA539	100	N	.50	100	N	20	N	100	10	--	N	.4	N	65
LA540	100	N	.30	100	N	70	N	100	10	--	N	.2	N	50
LA541	100	N	.50	100	N	20	N	100	10	--	N	.3	N	45
LA542	100	N	.50	100	N	20	N	150	10	--	N	.2	N	40
LA543	100	N	.30	100	N	15	N	100	N	--	N	.2	N	20
LA544	100	N	.50	100	N	20	N	150	N	--	N	.1	N	20
LA545	150	N	.50	100	N	20	N	100	10	--	N	.2	N	25
LA546	100	N	.50	100	N	20	N	150	N	--	N	.1	N	30
LA547	150	N	.50	100	N	20	N	100	10	--	N	.2	N	35
LA548	100	N	.20	100	N	20	N	100	10	--	N	.2	N	35
LA549	200	N	.30	100	N	30	N	150	10	--	N	.2	N	35
LA550	200	N	.30	100	N	30	N	100	10	--	N	.2	N	40
LA551	100	N	.30	100	N	20	N	200	10	--	N	.1	N	20
LA552	200	N	.50	150	N	30	N	200	10	--	N	.1	N	35
LA553	150	N	.30	100	N	15	N	100	10	--	N	.2	N	60
LA554	<100	N	.30	100	N	20	N	100	10	--	N	.5	N	100
LA555	100	N	.50	150	N	30	N	100	20	--	N	.7	2	90
LA556	N	N	.30	100	N	20	N	100	10	--	N	.3	N	55
LA570	100	N	1.00	200	N	20	500	150	10	--	N	1.0	N	250
LA571	100	N	.50	200	N	30	<200	200	N	--	N	1.1	N	195
LA572	100	N	1.00	200	N	30	500	200	N	--	N	.9	N	450
LA573	300	N	1.00	300	N	50	300	200	N	--	N	1.2	N	350
LA574	<100	N	.50	150	N	20	N	100	10	--	N	.4	N	100
LA575	200	N	1.00	200	N	30	N	200	N	--	N	.4	N	85
LA576	200	N	1.00	200	N	30	<200	200	N	--	N	.3	N	65
LA577	150	N	1.00	200	N	20	N	150	N	--	N	.4	N	115
LA578	300	N	>1.00	200	N	20	300	150	N	--	N	.9	N	500

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA579	65 55 24	147 20 37	N	N	100	1,500	<1.0	N	2.00	30	300	30
LA580	65 54 20	147 32 26	N	N	100	1,500	<1.0	N	1.00	30	200	30
LA581	65 54 22	147 32 2	N	N	200	1,500	<1.0	N	1.50	30	300	30
LA582	65 59 56	147 37 54	N	N	70	1,000	<1.0	N	1.50	50	100	20
LA583	65 55 32	147 49 13	N	N	100	1,500	N	N	.70	20	500	30
LA584	65 55 35	147 49 26	<.5	N	100	2,000	<1.0	N	2.00	10	200	30
LA585	65 54 2	147 48 46	<.5	N	100	3,000	1.0	N	.20	15	500	50
LA586	65 53 15	147 51 51	N	N	50	2,000	<1.0	N	.50	20	700	50
LA587	65 52 20	147 51 22	N	N	50	2,000	<1.0	N	.50	20	700	30
LA588	65 52 17	147 51 49	N	N	70	2,000	<1.0	N	.50	20	500	30
LA589	65 52 1	147 55 37	N	N	100	2,000	<1.0	N	.50	20	500	30
LA590	65 49 47	147 59 47	N	N	50	1,500	<1.0	N	.30	30	500	30
LA591	65 49 57	147 59 45	N	N	100	3,000	<1.0	N	.20	20	300	30
LA592	65 48 19	148 4 38	N	N	100	3,000	<1.0	N	.20	30	200	30
LA593	65 48 8	148 4 33	N	N	100	1,500	<1.0	N	.50	30	300	30
LA594	65 46 52	148 7 46	N	N	70	1,000	<1.0	N	.30	30	300	30
LA595	65 46 56	148 8 28	N	N	70	1,000	1.0	N	.50	30	300	30
LA596	65 54 48	148 7 3	N	N	50	1,000	<1.0	N	.30	30	500	30
LA597	65 58 13	148 12 58	N	N	50	1,500	<1.0	N	.50	30	500	30
LA598	65 56 5	148 22 5	N	N	50	1,000	<1.0	N	.50	30	500	50
LA599	65 54 46	148 19 12	N	N	50	1,500	N	N	.50	30	700	30
LA604	65 33 0	147 47 30	N	N	50	300	<1.0	N	.10	10	50	10
LA611	65 23 8	147 9 24	N	N	50	300	1.0	N	.20	10	30	7
LA612	65 19 44	147 21 37	N	N	50	300	1.0	N	.20	7	30	5
LA615	65 50 35	147 27 45	N	N	70	500	1.0	N	.50	15	30	15
LA616	65 48 22	147 18 23	<.5	N	50	1,000	1.0	N	.50	20	70	20
LA617	65 32 30	147 14 50	<.5	N	150	500	3.0	N	<.05	20	70	20
LA625	65 32 38	147 14 50	N	N	30	150	3.0	N	.05	5	<10	5
LA626	65 35 37	147 18 0	N	N	70	500	1.0	N	.10	15	50	10
LA628	65 35 41	147 23 49	N	N	70	700	1.0	N	.50	30	100	20
LA629	65 34 40	147 25 10	N	N	100	700	2.0	N	.50	20	50	10
LA630	65 31 47	147 29 18	N	N	30	500	<1.0	N	5.00	30	70	15
LA631	65 29 16	147 27 40	N	N	100	300	5.0	N	.10	10	10	5
LA632	65 24 36	147 1 35	N	N	100	200	1.5	N	.05	15	20	10
LA633	65 23 27	147 6 5	N	N	50	300	2.0	N	.07	15	20	10
LA634	65 23 18	147 19 25	N	N	50	300	1.0	N	<.05	10	15	7
LA635	65 22 40	147 27 0	N	N	50	300	1.0	N	.05	15	15	10
LA636	65 23 4	147 34 8	N	N	50	300	1.5	N	<.05	15	20	7
LA637	65 31 41	147 4 39	N	N	100	500	2.0	N	.05	15	50	15
LA638	65 31 5	147 2 10	N	N	70	500	2.0	N	.07	15	30	15
LA639	65 15 40	147 33 0	N	N	30	200	<1.0	N	.05	7	20	5
LA640	65 23 37	147 26 19	N	N	50	300	1.0	N	.07	15	30	10
LA641	65 27 31	147 23 44	N	N	50	300	5.0	N	.05	10	15	7
LA642	65 20 27	147 34 20	N	N	50	500	1.0	N	.30	10	50	10
LA643	65 20 52	147 34 41	N	N	50	500	1.0	N	.15	10	20	7

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA579	10.0	30	70	2.00	1,000	N	3.0	20	70	.5	50	15	N
LA580	7.0	20	<50	2.00	1,500	N	3.0	<20	50	.5	20	10	N
LA581	7.0	30	<50	3.00	1,500	N	2.0	20	70	.5	50	15	N
LA582	5.0	10	<50	.70	5,000	N	1.0	N	30	.7	10	5	N
LA583	7.0	20	<50	1.50	1,000	N	2.0	<20	50	.5	30	10	N
LA584	5.0	30	<50	2.00	1,500	N	3.0	N	30	.5	50	10	N
LA585	5.0	20	50	.50	500	N	1.5	N	50	.5	50	10	N
LA586	7.0	20	<50	1.00	700	N	3.0	<20	70	.2	30	15	N
LA587	7.0	20	50	2.00	1,500	N	3.0	N	50	.2	20	15	N
LA588	7.0	20	<50	1.50	1,500	N	2.0	N	50	.2	20	10	N
LA589	7.0	30	<50	2.00	1,500	N	3.0	<20	50	<.2	20	15	N
LA590	7.0	20	<50	2.00	2,000	N	2.0	<20	50	.2	20	15	N
LA591	7.0	20	50	2.00	1,500	N	1.5	N	50	.2	15	15	N
LA592	7.0	20	70	1.50	1,000	N	2.0	N	70	.2	20	10	N
LA593	7.0	30	70	2.00	1,500	N	2.0	N	50	.2	20	15	N
LA594	7.0	30	50	1.50	1,500	N	2.0	<20	50	.2	20	15	N
LA595	7.0	30	70	2.00	1,500	N	3.0	<20	50	<.2	20	15	N
LA596	7.0	15	<50	1.50	1,000	N	2.0	N	50	.2	15	10	N
LA597	7.0	20	<50	2.00	1,500	N	3.0	N	50	.2	10	10	N
LA598	7.0	20	<50	3.00	1,500	N	2.0	N	70	.2	10	15	N
LA599	7.0	20	<50	2.00	1,000	5	3.0	N	70	.2	10	15	N
LA604	2.0	--	N	.50	300	N	--	N	20	--	<10	10	<10
LA611	1.0	--	<20	.50	200	N	--	N	20	--	10	10	N
LA612	1.0	--	<20	.30	200	N	--	N	10	--	10	7	N
LA615	1.0	--	30	.50	300	N	--	N	20	--	20	10	N
LA616	3.0	--	20	1.00	1,000	N	--	N	50	--	20	15	N
LA617	2.0	--	30	.50	500	N	--	N	50	--	50	10	10
LA625	.7	--	20	.15	500	N	--	N	7	--	20	<5	20
LA626	2.0	--	30	.50	200	N	--	<20	30	--	15	15	<10
LA628	2.0	--	30	1.50	500	N	--	N	50	--	20	15	N
LA629	2.0	--	50	.70	300	N	--	<20	30	--	<10	15	N
LA630	2.0	--	<20	2.00	500	N	--	N	30	--	10	10	N
LA631	1.5	--	50	.20	300	N	--	N	10	--	20	7	10
LA632	2.0	--	20	.50	500	N	--	N	20	--	10	10	N
LA633	1.5	--	20	.50	300	5	--	N	15	--	15	10	N
LA634	1.5	--	N	.50	300	N	--	N	20	--	10	7	N
LA635	2.0	--	20	.30	300	N	--	N	20	--	10	7	N
LA636	1.5	--	20	.30	300	N	--	N	15	--	10	7	N
LA637	2.0	--	20	.70	200	N	--	N	30	--	15	10	N
LA638	2.0	--	70	.50	300	N	--	N	20	--	15	10	N
LA639	1.0	--	N	.20	100	N	--	N	7	--	<10	7	N
LA640	1.5	--	30	.30	200	N	--	N	15	--	10	10	N
LA641	1.0	--	70	.30	300	N	--	N	10	--	30	7	<10
LA642	1.5	--	30	.70	200	N	--	N	20	--	15	15	N
LA643	1.5	--	<20	.30	150	N	--	N	10	--	<10	10	10

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA579	300	N	1.00	200	N	30	N	200	N	--	N	.7	N	125
LA580	100	N	.50	150	N	20	<200	150	10	--	N	.7	N	160
LA581	200	N	>1.00	300	N	30	N	150	10	--	N	.6	N	115
LA582	100	N	.15	100	N	10	<200	100	<10	--	N	1.6	N	175
LA583	100	N	.30	200	N	20	N	150	<10	--	N	.6	N	90
LA584	200	N	.20	150	N	20	200	70	N	--	N	1.0	N	250
LA585	N	N	.30	300	N	30	200	150	N	--	N	1.0	N	155
LA586	<100	N	.50	200	N	20	<200	200	N	--	N	.8	N	100
LA587	150	N	.70	200	N	20	<200	200	N	--	N	.4	N	65
LA588	<100	N	.30	200	N	20	N	150	N	--	N	.7	N	105
LA589	200	N	1.00	200	N	30	N	200	N	--	N	.3	N	75
LA590	<100	N	.50	200	N	20	N	200	N	--	N	.4	N	70
LA591	<100	N	.50	500	N	15	N	200	N	--	N	.4	N	75
LA592	N	N	.50	200	N	20	N	200	N	--	N	.4	N	85
LA593	<100	N	.50	200	N	20	N	200	N	--	N	.3	N	70
LA594	<100	N	.70	200	N	20	N	300	N	--	N	.3	N	80
LA595	150	N	.50	200	N	30	<200	500	N	--	N	.3	N	75
LA596	<100	N	.30	150	N	15	N	150	N	--	N	.4	N	75
LA597	100	N	.50	200	N	30	N	200	N	--	N	.4	N	90
LA598	200	N	.50	200	N	30	<200	200	N	--	N	.4	N	85
LA599	<100	N	.50	150	N	20	N	200	N	--	N	.3	N	65
LA604	<100	N	.20	100	N	15	N	70	20	--	N	2.0	N	65
LA611	<100	N	.30	70	N	20	N	200	10	--	N	.1	N	30
LA612	<100	N	.20	70	N	15	N	200	10	--	N	.1	N	30
LA615	150	N	.30	70	N	20	N	200	10	--	N	.5	N	70
LA616	<100	N	.70	100	N	20	<200	150	20	--	N	1.0	2	200
LA617	<100	N	.20	70	N	30	200	150	20	--	N	1.7	2	400
LA625	N	N	.07	20	N	15	N	50	10	--	2	.4	N	80
LA626	<100	N	.30	70	N	15	N	150	10	--	N	.3	N	95
LA628	100	N	.20	100	N	20	N	150	10	--	N	.6	N	110
LA629	150	N	.30	100	N	20	N	150	10	--	N	.2	N	65
LA630	200	N	.30	100	N	20	N	50	N	--	N	.3	N	60
LA631	<100	N	.20	50	N	30	N	100	10	--	N	.7	N	100
LA632	<100	N	.30	70	N	15	N	100	10	--	N	.3	N	55
LA633	<100	N	.20	70	N	15	N	100	N	--	N	.2	N	55
LA634	<100	N	.20	50	N	15	N	100	10	--	N	.2	N	50
LA635	<100	N	.15	50	N	15	N	150	10	--	N	.1	N	45
LA636	<100	N	.20	70	N	15	N	100	N	--	N	.2	N	45
LA637	N	N	.20	70	N	20	N	200	10	--	N	.2	N	90
LA638	<100	N	.20	70	N	20	N	150	N	--	N	.2	N	75
LA639	<100	N	.20	70	N	15	N	100	N	--	N	.1	N	25
LA640	<100	N	.20	70	N	20	N	150	N	--	N	.2	N	60
LA641	<100	N	.15	50	N	50	N	70	N	--	N	.3	N	70
LA642	150	N	.30	70	N	20	N	100	10	--	N	.3	N	55
LA643	<100	N	.20	50	N	15	N	100	N	--	N	N	N	40

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA645	65 36 29	147 10 2	N	N	70	500	1.0	N	.15	20	70	15
LA646	65 36 53	147 15 35	N	N	70	2,000	1.0	N	.50	30	150	30
LA647	65 37 43	147 12 20	N	N	50	2,000	<1.0	N	1.00	30	150	30
LA648	65 37 54	147 11 49	N	N	50	1,500	1.0	N	.30	20	100	15
LA649	65 28 32	147 32 14	N	N	70	500	1.0	N	.15	20	50	7
LA650	65 28 19	147 34 25	N	N	20	200	<1.0	N	20.00	10	50	7
LA651	65 28 9	147 32 48	N	N	70	300	1.0	N	<.05	15	30	5
LA653	65 22 14	147 47 20	N	N	70	500	1.0	N	.15	15	50	7
LA655	65 26 50	147 6 40	<.5	N	100	700	1.0	N	.70	15	50	15
LA657	65 29 47	147 8 18	N	N	30	500	<1.0	N	15.00	50	200	20
LA658	65 37 10	147 6 15	N	N	100	1,000	1.0	N	.50	30	100	20
LA659	65 38 0	147 2 30	N	N	100	500	2.0	N	.07	20	100	20
LA660	65 40 32	147 2 55	N	N	150	1,000	1.5	N	.30	20	150	20
LA662	65 44 56	147 11 20	N	N	100	700	1.0	N	.15	20	100	15
LA668	65 44 53	147 48 41	.5	N	100	1,500	1.0	N	.15	15	100	30
LA670	65 41 15	147 13 24	N	N	200	1,000	1.0	N	.30	20	100	20
LA671	65 40 59	147 15 54	N	N	100	2,000	1.0	N	1.00	30	150	20
LA672	65 43 5	147 19 49	N	N	100	700	1.0	N	.20	20	100	20
LA674	65 43 17	147 26 55	N	N	150	500	1.5	N	.50	30	100	20
LA675	65 39 30	147 22 30	N	N	30	700	<1.0	N	1.50	50	200	20
LA679	65 43 59	147 40 21	N	N	100	500	1.0	N	.20	30	70	20
LA680	65 30 48	147 38 3	N	N	70	500	1.0	N	1.50	50	200	20
LA685	65 19 51	147 9 24	N	N	100	500	1.5	N	.50	15	100	10
LA686	65 19 31	147 10 39	N	N	70	300	1.0	N	.15	15	50	10
LA687	65 17 48	147 27 57	N	N	70	500	1.5	N	.20	15	50	10
LA704	65 18 52	147 11 40	N	N	50	500	1.0	N	.50	15	50	15
LA705	65 17 59	147 27 34	N	N	50	500	1.0	N	.20	10	30	10
LA706	65 54 45	147 7 21	N	N	70	2,000	<1.0	N	.50	50	500	50
LA707	65 59 40	147 11 49	N	N	100	2,000	<1.0	N	.50	20	300	30
LA708	65 58 4	147 23 23	N	N	100	2,000	<1.0	N	.70	30	200	50
LA709	65 57 58	147 23 30	N	N	100	3,000	<1.0	N	1.00	30	300	30
LA710	65 55 57	147 20 3	N	N	50	3,000	<1.0	N	.50	30	300	30
LA711	65 53 32	147 22 52	N	N	70	2,000	<1.0	N	2.00	30	200	50
LA712	65 53 33	147 23 7	1.0	N	100	3,000	<1.0	N	.30	10	100	30
LA713	65 54 56	147 25 24	.5	N	100	2,000	1.0	N	.50	30	200	50
LA714	65 54 51	147 28 22	N	N	100	2,000	<1.0	N	.50	30	200	30
LA715	65 55 28	147 37 27	N	N	200	2,000	1.0	N	.50	30	150	50
LA716	65 55 29	147 37 50	N	N	100	2,000	<1.0	N	.30	20	200	30
LA717	65 55 45	147 45 28	N	N	50	2,000	<1.0	N	.30	20	300	30
LA718	65 59 5	147 48 43	N	N	100	3,000	<1.0	N	.30	15	300	30
LA719	65 59 2	147 49 4	N	N	100	3,000	<1.0	N	.30	20	300	50
LA720	65 59 55	147 53 0	N	N	70	3,000	<1.0	N	.50	30	200	50
LA721	65 59 53	147 53 24	<.5	N	70	3,000	1.0	N	.50	20	200	30
LA722	65 53 7	147 49 53	N	N	100	3,000	<1.0	N	.30	20	500	30
LA723	65 51 57	147 42 13	N	N	150	3,000	<1.0	N	.50	50	200	50

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA645	2.0	--	50	1.00	500	N	--	20	30	--	20	15	N
LA646	3.0	--	<20	2.00	700	5	--	<20	70	--	30	20	N
LA647	3.0	--	30	2.00	1,000	N	--	20	70	--	20	20	N
LA648	2.0	--	20	1.50	1,500	<5	--	<20	50	--	30	15	N
LA649	2.0	--	30	.70	500	N	--	<20	20	--	15	15	N
LA650	1.0	--	N	5.00	200	N	--	N	20	--	10	7	N
LA651	1.5	--	20	.50	200	N	--	N	20	--	<10	10	N
LA653	1.5	--	20	.50	300	N	--	N	20	--	<10	10	N
LA655	2.0	--	30	.70	500	N	--	N	30	--	15	10	N
LA657	5.0	--	N	5.00	1,000	N	--	N	70	--	<10	20	N
LA658	5.0	--	70	1.50	500	N	--	N	50	--	70	15	N
LA659	3.0	--	70	1.00	700	N	--	N	50	--	50	15	N
LA660	5.0	--	50	2.00	1,000	N	--	<20	70	--	50	20	N
LA662	2.0	--	50	1.00	1,000	N	--	N	50	--	20	15	N
LA668	3.0	--	30	.30	700	10	--	N	30	--	20	15	N
LA670	5.0	--	200	1.00	1,000	N	--	<20	50	--	15	15	N
LA671	7.0	--	20	3.00	1,000	N	--	20	70	--	20	20	N
LA672	5.0	--	<20	1.00	1,500	N	--	N	50	--	15	15	N
LA674	3.0	--	30	1.00	1,000	N	--	N	50	--	20	15	N
LA675	10.0	--	<20	5.00	1,500	N	--	20	70	--	<10	20	N
LA679	5.0	--	50	1.00	2,000	N	--	N	50	--	15	15	N
LA680	5.0	--	20	2.00	1,000	N	--	<20	70	--	15	20	N
LA685	2.0	--	50	.70	300	N	--	<20	20	--	15	10	N
LA686	2.0	--	<20	.50	300	N	--	N	20	--	10	10	N
LA687	2.0	--	20	.50	300	N	--	N	20	--	10	10	N
LA704	3.0	--	20	.70	300	N	--	N	30	--	15	15	N
LA705	1.5	--	<20	.50	300	N	--	N	20	--	10	10	N
LA706	10.0	20	50	5.00	1,000	N	1.5	20	200	.2	50	15	N
LA707	7.0	30	<50	2.00	1,000	N	3.0	N	50	.3	50	15	N
LA708	7.0	20	<50	2.00	1,000	N	2.0	<20	70	.2	30	15	N
LA709	7.0	20	50	2.00	1,000	N	3.0	20	50	.3	20	15	N
LA710	5.0	20	<50	3.00	700	N	1.5	<20	100	.2	30	10	N
LA711	5.0	20	<50	3.00	1,000	<5	3.0	<20	100	<.2	50	15	N
LA712	5.0	15	N	1.00	500	N	1.0	N	50	<.2	20	5	N
LA713	7.0	20	100	1.50	1,000	N	2.0	30	70	.2	30	15	N
LA714	5.0	20	<50	2.00	500	N	2.0	<20	100	.2	20	15	N
LA715	5.0	30	50	1.50	1,500	N	3.0	<20	70	<.2	50	20	N
LA716	5.0	15	50	1.00	1,000	N	2.0	N	50	<.2	20	10	N
LA717	5.0	15	<50	1.00	300	N	2.0	N	50	<.2	20	10	N
LA718	3.0	20	50	1.50	300	N	2.0	N	20	<.2	15	10	N
LA719	5.0	20	50	1.00	300	N	1.5	N	70	<.2	30	10	N
LA720	5.0	30	<50	1.00	1,000	N	3.0	N	50	<.2	30	15	N
LA721	5.0	30	<50	2.00	700	N	3.0	N	50	<.2	20	15	N
LA722	5.0	20	<50	2.00	500	N	2.0	N	50	<.2	15	10	N
LA723	7.0	30	50	3.00	1,000	N	2.0	20	100	<.2	20	15	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA645	150	N	.50	70	N	20	<200	100	10	--	N	.2	N	75
LA646	150	N	.50	200	N	20	200	100	10	--	N	4.0	N	620
LA647	150	N	.50	150	N	30	200	100	10	--	N	2.5	N	420
LA648	100	N	.50	100	N	20	<200	100	10	--	N	.9	N	260
LA649	100	N	.30	100	N	20	N	100	10	--	N	.1	N	60
LA650	150	N	.10	50	N	10	N	20	N	--	N	.2	N	20
LA651	<100	N	.20	70	N	20	N	200	10	--	N	<.1	N	20
LA653	<100	N	.30	100	N	15	N	200	20	--	N	.2	N	25
LA655	150	N	.30	150	N	20	N	200	20	--	N	.6	2	50
LA657	200	N	.70	200	N	20	N	70	10	--	N	.3	N	25
LA658	100	N	.70	150	N	20	N	150	10	--	N	.6	N	85
LA659	<100	N	.50	150	N	30	N	150	20	--	N	.5	N	70
LA660	100	N	.70	150	N	30	<200	200	20	--	N	.7	N	110
LA662	<100	N	.50	150	N	20	N	100	20	--	N	.4	N	75
LA668	N	N	.50	150	N	30	N	100	60	--	N	.4	24	90
LA670	150	N	.70	200	N	30	<200	150	40	--	N	.8	4	130
LA671	150	N	.70	200	N	30	<200	150	20	--	N	.7	4	120
LA672	<100	N	.50	200	N	20	<200	150	30	--	N	.3	2	75
LA674	N	N	.30	150	N	20	N	70	20	--	N	.3	N	60
LA675	300	N	1.00	200	N	20	N	100	10	--	N	.2	N	30
LA679	100	N	.50	150	N	20	N	100	20	--	N	.3	N	50
LA680	200	N	.70	200	N	20	N	100	10	--	N	.4	N	45
LA685	150	N	.70	100	N	30	N	300	10	--	N	.1	N	20
LA686	<100	N	.50	100	N	20	N	200	20	--	N	.1	N	25
LA687	100	N	.50	100	N	30	N	200	10	--	N	.1	N	20
LA704	100	N	.50	100	N	20	N	150	N	--	N	.1	N	35
LA705	100	N	.30	70	N	15	N	100	10	--	N	.1	N	30
LA706	150	N	>1.00	150	N	20	300	150	N	--	N	1.0	N	250
LA707	200	N	.50	150	N	30	<200	200	N	--	N	.6	N	105
LA708	100	N	.50	150	N	30	200	150	N	--	N	1.4	N	95
LA709	150	N	.70	200	N	50	<200	300	N	--	N	.8	N	350
LA710	100	N	.50	150	N	20	500	150	N	--	N	1.1	N	160
LA711	200	N	.50	200	N	30	<200	200	N	--	N	1.1	N	130
LA712	<100	N	.30	100	N	10	<200	100	N	--	N	1.1	N	135
LA713	100	N	1.00	150	N	30	<200	200	N	--	N	.7	N	250
LA714	100	N	.50	150	N	20	300	200	N	--	N	1.0	N	80
LA715	200	N	.70	200	N	50	<200	300	N	--	N	.7	N	85
LA716	100	N	.20	150	N	20	<200	150	N	--	N	.7	N	70
LA717	<100	N	.20	150	N	20	N	150	N	--	N	.5	N	70
LA718	<100	N	.30	100	N	15	N	150	N	--	N	.3	N	160
LA719	<100	N	.50	150	N	20	<200	150	10	--	N	.9	N	75
LA720	200	N	.70	150	N	30	<200	200	N	--	N	.5	N	65
LA721	300	N	.70	150	N	30	<200	200	N	--	N	.3	N	100
LA722	<100	N	.50	150	N	30	N	150	N	--	N	.7	N	85
LA723	300	N	1.00	150	N	30	<200	300	N	--	N	.3	N	95

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA724	65 52 5	147 41 53	N	N	100	3,000	<1.0	N	.30	30	500	50
LA725	65 49 16	147 49 20	N	N	100	3,000	<1.0	N	.30	20	500	30
LA726	65 49 18	147 49 5	N	N	150	3,000	<1.0	N	1.00	20	500	50
LA727	65 45 33	147 55 31	N	N	150	3,000	<1.0	N	.30	15	200	20
LA728	65 45 37	147 55 12	N	N	150	5,000	1.0	N	.50	30	700	30
LA729	65 45 14	147 48 34	N	N	100	1,000	<1.0	N	1.00	30	300	30
LA730	65 45 16	147 48 8	N	N	150	1,000	1.0	N	.30	30	300	50
LA731	65 47 27	147 41 39	N	N	150	1,500	<1.0	N	.30	30	200	50
LA732	65 45 50	147 46 29	N	N	100	1,500	<1.0	N	.50	30	200	50
LA733	65 48 13	147 59 24	N	N	30	1,000	N	N	.20	20	100	20
LA734	65 50 13	148 2 9	N	N	50	1,500	<1.0	N	.30	20	300	30
LA735	65 50 11	148 1 52	N	N	100	2,000	<1.0	N	.30	30	200	30
LA736	65 46 31	148 4 7	N	N	50	1,500	<1.0	N	.30	20	200	20
LA737	65 46 24	148 4 8	N	N	50	1,500	<1.0	N	.30	30	100	30
LA738	65 57 4	147 59 19	N	N	50	1,500	N	N	.30	30	200	50
LA739	65 59 56	148 1 0	N	N	50	1,500	N	N	.30	20	200	30
LA740	65 54 13	148 10 5	N	N	100	1,500	<1.0	N	.50	50	200	50
LA741	65 58 55	148 13 52	N	N	70	1,500	N	N	.50	20	300	30
LA742	65 59 54	148 15 22	N	N	50	1,500	N	N	.30	20	300	30
LA743	65 59 51	148 24 13	N	N	70	1,500	N	N	.50	30	300	50
LA744	65 57 47	148 24 27	N	N	50	1,000	<1.0	N	.50	30	200	30
LA745	65 57 44	148 24 11	N	N	70	1,500	N	N	1.00	50	200	70
LA747	65 56 34	148 23 3	N	N	50	2,000	N	N	.30	30	300	50
LA748	65 31 15	147 58 49	N	N	50	1,500	N	N	.20	30	300	50
LA749	65 31 12	147 59 2	N	N	50	1,000	N	N	.20	30	300	50
LA750	65 34 32	147 56 18	N	N	70	1,500	N	N	.20	50	500	70
LA751	65 35 51	147 51 25	N	N	100	1,500	<1.0	N	.30	50	700	50
LA752	65 38 38	147 49 45	N	N	50	2,000	N	N	1.50	30	1,000	50
LA753	65 36 11	147 58 48	N	N	20	1,000	N	N	1.00	30	500	30
LA754	65 39 32	147 54 58	N	N	50	1,500	N	N	1.00	30	150	30
LA755	65 39 32	147 55 14	N	N	50	1,500	N	N	1.00	20	100	30
LA756	65 40 25	147 54 44	N	N	30	1,500	N	N	.50	20	100	30
LA757	65 43 19	147 48 31	N	N	30	1,500	N	N	.70	30	200	50
LA758	65 44 24	147 51 58	N	N	50	1,000	N	N	.50	20	70	50
LA759	65 41 58	147 58 35	N	N	50	1,000	N	N	.70	15	100	30
LA760	65 43 20	148 1 26	N	N	70	2,000	N	N	.70	30	200	30
LA761	65 43 25	148 1 28	N	N	30	1,500	N	N	.70	30	100	30
LA762	65 42 16	148 1 9	N	N	30	1,500	N	N	.70	15	70	30
LA763	65 42 6	148 3 48	N	N	50	2,000	N	N	1.00	30	100	50
LA764	65 39 36	148 8 44	N	N	30	1,000	N	N	.70	20	100	30
LA765	65 39 43	148 8 42	N	N	50	2,000	N	N	2.00	20	200	30
LA766	65 38 41	148 25 37	N	N	50	2,000	N	N	1.00	30	100	70
LA767	65 40 32	148 20 41	N	N	50	1,500	N	N	.70	30	70	50
LA768	65 39 37	148 16 17	N	N	50	1,500	N	N	1.00	30	100	50
LA769	65 41 0	148 20 22	N	N	50	1,500	N	N	2.00	20	200	20

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Nf-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA724	5.0	20	<50	2.00	500	N	3.0	<20	70	<.2	30	10	N
LA725	5.0	20	<50	1.50	500	N	3.0	<20	50	<.2	10	10	N
LA726	5.0	30	<50	1.50	2,000	N	3.0	<20	50	<.2	20	15	N
LA727	3.0	15	<50	1.00	500	N	2.0	N	20	<.2	<10	7	N
LA728	7.0	30	70	3.00	1,000	N	2.0	20	100	.2	15	15	N
LA729	7.0	30	50	2.00	1,500	N	3.0	N	50	.2	20	15	N
LA730	7.0	30	<50	1.50	1,000	N	3.0	N	70	<.2	30	15	N
LA731	7.0	30	50	1.50	700	N	2.0	<20	100	.2	20	15	N
LA732	7.0	30	<50	2.00	1,000	N	3.0	N	70	<.2	15	15	N
LA733	5.0	15	<50	.70	300	N	2.0	N	30	<.2	10	5	N
LA734	5.0	15	N	1.00	1,000	N	2.0	N	50	.2	15	7	N
LA735	5.0	20	100	1.50	1,000	N	3.0	N	70	.2	15	15	N
LA736	5.0	15	<50	1.00	1,000	N	2.0	N	50	<.2	15	10	N
LA737	5.0	20	<50	1.00	500	N	3.0	N	50	<.2	15	10	N
LA738	5.0	15	<50	1.50	1,000	N	2.0	N	50	<.2	15	10	N
LA739	5.0	20	<50	1.50	1,000	N	3.0	N	50	<.2	15	10	N
LA740	5.0	20	<50	1.50	1,000	N	3.0	<20	70	<.2	20	15	N
LA741	5.0	20	<50	1.50	1,500	N	3.0	N	70	<.2	15	10	N
LA742	5.0	20	<50	1.50	500	N	3.0	N	50	<.2	10	10	N
LA743	7.0	20	<50	2.00	1,000	N	3.0	N	70	<.2	10	15	N
LA744	5.0	15	<50	1.00	500	N	2.0	N	50	<.2	10	15	N
LA745	7.0	30	<50	3.00	1,500	N	3.0	<20	100	<.2	15	20	N
LA747	7.0	20	<50	2.00	500	N	3.0	N	70	<.2	15	10	N
LA748	7.0	20	<50	2.00	1,000	N	3.0	N	70	.2	15	10	N
LA749	7.0	15	N	2.00	1,000	N	2.0	N	50	.2	10	10	N
LA750	7.0	20	<50	3.00	1,500	N	2.0	N	100	<.2	15	15	N
LA751	7.0	20	<50	2.00	1,500	N	2.0	N	70	<.2	15	15	N
LA752	10.0	20	100	5.00	2,000	N	3.0	N	200	<.2	20	20	N
LA753	7.0	15	<20	5.00	1,500	N	2.0	N	100	<.2	10	10	N
LA754	7.0	20	50	5.00	2,000	N	3.0	N	50	<.2	20	15	N
LA755	10.0	20	50	1.50	1,500	N	3.0	N	50	<.2	<10	10	N
LA756	7.0	20	<20	2.00	1,500	N	2.0	N	50	<.2	<10	10	N
LA757	10.0	30	<20	2.00	2,000	N	3.0	N	100	<.2	10	15	N
LA758	10.0	20	<20	2.00	1,000	N	2.0	N	70	<.2	<10	10	N
LA759	7.0	20	<20	2.00	1,500	N	2.0	N	30	<.2	<10	10	N
LA760	10.0	20	<20	2.00	1,500	N	3.0	<20	100	<.2	<10	15	N
LA761	7.0	20	<20	2.00	1,000	N	2.0	<20	70	<.2	10	15	N
LA762	7.0	20	N	2.00	500	N	3.0	N	50	N	10	10	N
LA763	10.0	30	<20	2.00	1,500	N	3.0	N	50	N	<10	15	N
LA764	7.0	15	N	2.00	1,000	N	2.0	N	50	N	<10	10	N
LA765	7.0	30	50	3.00	1,500	N	3.0	N	50	<.2	<10	15	N
LA766	10.0	30	<20	2.00	1,500	N	3.0	N	70	N	10	15	N
LA767	7.0	20	<20	2.00	1,500	N	3.0	N	50	N	<10	10	N
LA768	7.0	20	<20	1.50	1,500	N	2.0	N	70	<.2	10	10	N
LA769	10.0	30	70	2.00	1,500	N	3.0	<20	30	<.2	10	15	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA724	<100	N	.70	150	N	20	<200	200	N	--	N	.6	N	60
LA725	100	N	.50	150	N	20	<200	200	N	--	N	.4	N	65
LA726	200	N	.50	200	N	30	<200	200	N	--	N	.5	N	50
LA727	<100	N	.50	100	N	10	N	200	N	--	N	.3	N	75
LA728	100	N	1.00	200	N	30	<200	500	N	--	N	.3	N	60
LA729	200	N	.70	150	N	30	<200	500	N	--	N	.3	N	75
LA730	<100	N	.50	150	N	30	<200	300	N	--	N	.4	N	90
LA731	<100	N	.50	150	N	30	<200	200	N	--	N	.4	N	65
LA732	<100	N	.50	150	N	30	<200	300	N	--	N	.4	N	50
LA733	N	N	.30	100	N	15	<200	200	N	--	N	.3	N	60
LA734	<100	N	.30	150	N	15	<200	150	N	--	N	.4	N	60
LA735	<100	N	.50	300	N	20	<200	200	N	--	N	.4	N	55
LA736	<100	N	.50	150	N	15	<200	200	N	--	N	.3	N	65
LA737	<100	N	.50	150	N	20	<200	500	N	--	N	.3	N	60
LA738	<100	N	.50	150	N	20	<200	200	N	--	N	.5	N	70
LA739	100	N	.50	150	N	20	<200	150	N	--	N	.5	N	85
LA740	200	N	.50	200	N	30	<200	200	N	--	N	.4	N	70
LA741	100	N	.50	200	N	30	<200	200	N	--	N	.4	N	80
LA742	<100	N	.50	150	N	20	<200	200	N	--	N	.3	N	70
LA743	<100	N	.50	200	N	20	<200	200	N	--	N	.4	N	80
LA744	150	N	.30	150	N	20	<200	200	N	--	N	.4	N	65
LA745	200	N	.70	300	N	30	<200	300	N	--	N	.4	N	80
LA747	<100	N	.50	150	N	20	<200	300	N	--	N	.4	N	70
LA748	N	N	.50	200	N	20	<200	100	N	--	N	.4	N	100
LA749	N	N	.50	200	N	15	<200	150	N	--	N	.3	N	75
LA750	N	N	.30	200	N	20	<200	150	N	--	N	.5	N	105
LA751	<100	N	.50	200	N	20	<200	150	N	--	N	.4	N	90
LA752	<100	N	.70	300	N	30	<200	200	N	--	N	.5	N	70
LA753	N	N	.50	150	N	20	200	150	N	--	N	.5	N	85
LA754	<100	N	.50	200	N	20	<200	200	N	--	N	.5	N	55
LA755	N	N	.70	200	N	30	<200	300	N	--	N	.4	N	60
LA756	N	N	.50	200	N	20	<200	200	N	--	N	.5	N	65
LA757	<100	N	.50	200	N	30	<200	200	N	--	N	.5	N	80
LA758	N	N	.50	200	N	20	N	200	N	--	N	.4	N	65
LA759	100	N	.50	200	N	20	<200	200	N	--	N	.4	N	60
LA760	100	N	.70	300	N	30	<200	200	N	--	N	.4	N	90
LA761	<100	N	.70	200	N	20	<200	200	N	--	N	.4	N	70
LA762	<100	N	.50	200	N	20	<200	200	N	--	N	.3	N	55
LA763	100	N	.50	200	N	30	<200	300	N	--	N	.4	N	60
LA764	<100	N	.50	200	N	20	N	300	N	--	N	.4	N	55
LA765	200	N	.70	300	N	30	<200	500	N	--	N	.3	N	55
LA766	<100	N	.50	300	N	20	<200	200	N	--	N	.5	N	75
LA767	<100	N	.50	200	N	20	<200	200	N	--	N	.4	N	65
LA768	<100	N	.50	150	N	20	<200	150	N	--	N	.4	N	60
LA769	100	N	1.00	200	N	50	<200	>1,000	N	--	N	.3	N	45

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA770	65 43 29	148 22 36	N	N	30	1,500	N	N	1.00	20	70	70
LA771	65 44 4	148 19 37	N	N	50	2,000	N	N	2.00	20	200	70
LA772	65 44 44	148 8 58	N	N	50	2,000	N	N	1.50	20	200	30
LA773	65 43 39	148 17 50	N	N	50	1,500	N	N	.50	30	100	50
LA774	65 43 38	148 28 25	N	N	50	1,500	N	N	.30	20	70	70
LA775	65 45 57	148 32 54	N	N	50	1,500	N	N	.50	20	200	20
LA776	65 45 29	148 35 51	N	N	50	3,000	N	N	2.00	20	200	30
LA777	65 45 52	148 39 57	N	N	50	1,500	N	N	1.00	20	70	50
LA778	65 47 3	148 42 13	N	N	50	2,000	N	N	2.00	20	150	50
LA779	65 45 59	148 44 33	N	N	50	1,000	N	N	1.00	20	100	30
LA780	65 45 30	148 46 48	N	N	70	2,000	N	N	1.00	20	100	50
LA781	65 49 24	148 35 42	N	N	50	1,500	N	N	.50	20	100	50
LA782	65 48 0	148 33 15	N	N	50	1,500	N	N	1.00	15	100	30
LA783	65 26 40	149 0 12	N	N	50	>5,000	N	N	5.00	20	200	100
LA784	65 26 42	149 4 0	N	N	50	2,000	<1.0	N	.50	30	150	50
LA785	65 24 53	149 9 40	N	N	30	1,000	<1.0	N	.20	20	70	30
LA786	65 25 30	149 12 6	N	N	50	2,000	<1.0	N	.50	20	150	30
LA787	65 27 33	149 11 41	N	N	50	1,000	N	N	.20	20	100	30
LA788	65 23 49	149 8 12	N	N	50	2,000	<1.0	N	.30	20	150	50
LA789	65 23 38	149 5 39	N	N	50	1,500	N	N	.30	20	150	30
LA790	65 22 31	149 10 15	N	N	50	2,000	<1.0	N	.50	20	150	50
LA791	65 21 23	149 9 41	N	N	50	2,000	<1.0	N	.50	15	100	30
LA792	65 20 31	149 9 28	N	N	50	2,000	<1.0	N	.50	30	150	30
LA793	65 19 34	149 11 5	N	N	50	2,000	<1.0	N	.50	20	200	30
LA794	65 20 5	149 16 59	N	N	50	1,500	<1.0	N	.30	20	100	30
LA795	65 21 22	149 14 45	N	N	50	1,500	N	N	.30	20	100	30
LA796	65 22 20	149 21 21	N	N	70	2,000	<1.0	N	.30	20	150	30
LA797	65 21 58	149 22 44	N	N	50	3,000	<1.0	N	.30	20	150	50
LA798	65 26 51	149 25 31	N	N	50	1,000	N	N	.30	20	70	30
LA799	65 25 31	149 25 36	N	N	50	1,500	<1.0	N	.30	20	100	50
LA800	65 53 10	148 25 3	N	N	50	1,000	<1.0	N	.50	10	100	30
LA801	65 51 28	148 24 44	N	N	50	1,000	N	N	.30	150	50	30
LA802	65 51 1	148 27 42	N	N	70	2,000	<1.0	N	1.00	20	150	50
LA803	65 51 7	148 27 52	N	N	50	1,500	<1.0	N	.50	15	100	50
LA804	65 51 4	148 15 23	N	N	50	2,000	<1.0	N	1.00	20	200	50
LA805	65 51 21	148 10 39	N	N	50	1,500	<1.0	N	.30	20	100	50
LA806	65 52 30	148 19 44	N	N	20	1,000	N	N	.30	10	70	20
LA807	65 48 41	148 11 57	N	N	50	2,000	<1.0	N	2.00	20	150	50
LA808	65 46 53	148 16 1	N	N	50	2,000	N	N	1.00	30	200	50
LA809	65 47 54	148 19 13	N	N	50	1,000	N	N	.30	20	100	50
LA810	65 45 18	148 16 51	N	N	50	3,000	N	N	.50	20	200	50
LA811	65 31 36	147 59 18	N	N	50	1,500	N	N	.30	30	300	50
LA812	65 34 26	147 56 21	N	N	50	1,000	N	N	.30	30	300	50
LA813	65 35 55	147 51 34	N	N	50	1,000	N	N	.30	50	500	70
LA814	65 36 25	147 58 40	N	N	50	1,000	<1.0	N	.30	30	100	50

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA770	7.0	20	<20	2.00	1,500	N	3.0	N	50	<.2	15	15	N
LA771	10.0	20	<20	3.00	2,000	N	3.0	N	70	N	20	15	N
LA772	10.0	20	50	3.00	2,000	N	3.0	<20	50	N	20	10	N
LA773	10.0	30	<20	3.00	1,500	N	3.0	N	50	N	20	10	N
LA774	10.0	20	<20	2.00	1,500	N	2.0	N	50	N	10	10	N
LA775	7.0	20	<20	2.00	1,000	N	3.0	<20	50	<.2	10	10	N
LA776	10.0	20	<20	3.00	1,500	N	3.0	N	70	N	15	15	N
LA777	10.0	20	<20	3.00	1,500	N	3.0	N	50	N	15	10	N
LA778	10.0	20	<20	3.00	1,500	N	3.0	N	50	<.2	<10	15	N
LA779	10.0	20	<20	3.00	1,000	N	3.0	N	50	N	10	10	N
LA780	10.0	20	<20	3.00	1,500	N	3.0	N	50	<.2	10	15	N
LA781	10.0	15	<20	2.00	1,500	N	2.0	N	50	N	10	10	N
LA782	7.0	20	<20	2.00	1,500	N	3.0	N	20	<.2	15	10	N
LA783	10.0	30	<20	5.00	5,000	N	3.0	N	50	<.2	20	15	N
LA784	3.0	20	<20	1.50	2,000	<5	2.0	N	50	.2	20	15	N
LA785	2.0	20	<20	1.00	500	N	2.0	N	50	<.2	10	10	N
LA786	5.0	30	50	1.50	1,000	N	<.2	N	50	<.2	20	15	N
LA787	3.0	20	<20	1.00	1,000	N	2.0	N	30	<.2	20	10	N
LA788	3.0	30	50	1.50	1,000	N	2.0	N	50	.2	20	15	N
LA789	3.0	20	50	1.50	1,000	N	2.0	N	50	<.2	15	15	N
LA790	5.0	20	50	2.00	1,500	N	3.0	<20	50	<.2	20	15	N
LA791	3.0	20	50	2.00	1,500	N	3.0	N	30	<.2	20	10	N
LA792	5.0	20	70	2.00	1,000	N	3.0	N	50	<.2	20	15	N
LA793	5.0	20	<20	2.00	1,500	N	3.0	N	50	<.2	20	15	N
LA794	3.0	20	<20	1.00	1,500	N	2.0	N	50	<.2	20	10	N
LA795	3.0	15	N	1.50	1,000	N	2.0	N	50	<.2	15	10	N
LA796	3.0	20	<20	2.00	1,000	N	2.0	N	50	<.2	10	15	N
LA797	3.0	20	<20	2.00	1,000	N	2.0	N	50	.2	15	10	N
LA798	5.0	20	<20	1.50	1,000	N	3.0	N	30	<.2	20	10	N
LA799	5.0	20	<20	2.00	1,000	N	3.0	N	50	<.2	20	10	N
LA800	5.0	20	<20	1.50	1,000	N	2.0	N	30	.2	10	10	N
LA801	7.0	15	<20	1.00	5,000	<5	2.0	N	30	<.2	<10	7	N
LA802	7.0	30	50	2.00	1,500	<5	3.0	N	50	<.2	20	15	N
LA803	5.0	30	<20	1.50	1,000	N	3.0	N	50	<.2	20	10	N
LA804	5.0	30	50	2.00	1,500	<5	3.0	N	70	<.2	30	20	N
LA805	5.0	30	<20	1.00	1,000	N	2.0	N	50	<.2	20	10	N
LA806	5.0	20	N	1.00	1,000	N	2.0	N	50	<.2	10	7	N
LA807	5.0	30	<20	2.00	1,500	N	3.0	N	50	<.2	30	15	N
LA808	5.0	30	50	2.00	1,500	<5	3.0	N	30	<.2	20	15	N
LA809	5.0	20	N	2.00	1,000	N	3.0	N	50	<.2	10	10	N
LA810	5.0	30	50	2.00	1,500	N	3.0	N	50	<.2	20	15	N
LA811	5.0	30	<20	3.00	1,500	N	3.0	N	100	<.2	15	15	N
LA812	5.0	30	<20	3.00	1,500	N	3.0	N	100	<.2	15	15	N
LA813	7.0	30	<20	5.00	1,500	N	3.0	N	200	<.2	15	15	N
LA814	5.0	20	<20	2.00	2,000	N	3.0	N	50	<.2	15	10	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA770	N	N	.70	200	N	20	N	200	N	--	N	.5	N	65
LA771	<100	N	1.00	300	N	20	<200	500	N	--	N	.6	N	70
LA772	<100	N	1.00	300	N	30	N	500	N	--	N	.3	N	50
LA773	<100	N	.70	200	N	20	N	150	N	--	N	.5	N	80
LA774	N	N	.70	200	N	10	N	100	N	--	N	.5	N	75
LA775	<100	N	.70	200	N	20	<200	500	N	--	N	.3	N	45
LA776	<100	N	1.00	300	N	30	<200	500	N	--	N	.6	N	55
LA777	<100	N	1.00	200	N	15	<200	200	N	--	N	.5	N	60
LA778	100	N	.70	200	N	30	<200	200	N	--	N	.5	N	65
LA779	<100	N	.70	200	N	20	N	500	N	--	N	.4	N	60
LA780	<100	N	.70	200	N	20	N	300	N	--	N	.5	N	65
LA781	N	N	.70	200	N	20	<200	200	N	--	N	.6	N	70
LA782	<100	N	.70	200	N	20	N	300	N	--	N	.4	N	50
LA783	100	N	1.00	500	N	30	200	200	N	--	N	.8	N	90
LA784	200	N	.50	200	N	30	200	150	N	--	N	.9	N	115
LA785	N	N	.20	100	N	15	N	100	N	--	N	.4	N	65
LA786	100	N	.50	150	N	30	<200	200	N	--	N	.4	N	65
LA787	<100	N	.20	150	N	20	<200	100	N	--	N	.4	N	55
LA788	200	N	.30	150	N	30	<200	150	N	--	N	.6	N	90
LA789	<100	N	.50	150	N	20	<200	200	N	--	N	.4	N	60
LA790	200	N	.50	200	N	30	<200	200	N	--	N	.4	N	75
LA791	200	N	.50	150	N	30	<200	150	N	--	N	.4	N	60
LA792	200	N	.50	200	N	30	<200	200	N	--	N	.4	N	65
LA793	150	N	.50	200	N	20	<200	200	N	--	N	.4	N	50
LA794	N	N	.20	150	N	30	<200	150	N	--	N	.5	N	70
LA795	N	N	.20	100	N	15	200	100	20	--	N	.6	2	120
LA796	N	N	.30	200	N	20	200	150	<10	--	N	.4	<2	90
LA797	<100	N	.30	150	N	10	300	150	40	--	N	.8	4	195
LA798	N	N	.30	150	N	20	<200	100	N	--	N	.6	<2	70
LA799	<100	N	.50	150	N	20	<200	150	N	--	N	.6	N	75
LA800	100	N	.20	100	N	10	<200	150	N	--	N	.3	N	65
LA801	N	N	.20	100	N	20	<200	150	N	--	N	1.0	N	105
LA802	200	N	1.00	200	N	30	<200	200	N	--	N	.3	N	65
LA803	<100	N	.30	150	N	20	<200	200	N	--	N	.4	N	65
LA804	300	N	.70	200	N	30	<200	300	N	--	N	.4	N	65
LA805	100	N	.50	150	N	20	<200	200	N	--	N	.3	N	60
LA806	N	N	.30	100	N	20	<200	150	N	--	N	.3	N	65
LA807	300	N	.70	200	N	30	<200	200	N	--	N	.3	N	65
LA808	200	N	1.00	200	N	30	N	500	N	--	N	.3	N	60
LA809	<100	N	.50	150	N	15	<200	100	N	--	N	.5	N	65
LA810	100	N	1.00	200	N	20	<200	300	N	--	N	.4	N	60
LA811	N	N	.50	200	N	20	<200	200	N	--	N	.3	N	80
LA812	N	N	.70	200	N	20	200	200	N	--	N	.4	N	80
LA813	N	N	.70	200	N	30	<200	150	N	--	N	.3	N	100
LA814	N	N	.50	150	N	30	<200	200	N	--	N	.4	N	60

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA815	65 38 24	147 56 13	N	N	30	1,000	N	N	.30	20	100	30
LA816	65 40 32	147 54 53	N	N	30	1,000	N	N	.30	20	70	30
LA817	65 43 24	147 48 23	N	N	70	1,000	<1.0	N	.30	30	100	50
LA818	65 44 15	147 51 40	N	N	70	1,500	<1.0	N	.50	20	100	50
LA819	65 44 22	147 51 41	N	N	50	1,000	N	N	.20	20	70	50
LA820	65 42 2	147 58 10	N	N	50	1,500	<1.0	N	.30	15	150	50
LA821	65 43 14	148 1 31	N	N	50	1,000	N	N	.30	20	100	30
LA822	65 42 16	148 1 23	N	N	50	1,000	N	N	.30	10	70	30
LA823	65 42 8	148 4 3	N	N	50	1,500	<1.0	N	.50	20	150	30
LA824	65 39 57	148 10 13	N	N	50	1,500	<1.0	N	.30	10	70	30
LA825	65 43 44	148 59 18	N	N	50	1,500	N	N	.50	10	100	30
LA826	65 43 7	148 59 23	N	N	30	1,500	N	N	.50	20	100	50
LA827	65 45 27	148 58 34	N	N	30	2,000	N	N	1.00	15	150	50
LA828	65 46 57	148 53 53	N	N	20	1,500	N	N	.50	15	70	50
LA829	65 48 30	148 46 44	N	N	<10	5,000	N	N	1.00	200	70	50
LA830	65 49 52	148 57 49	N	N	20	2,000	N	N	1.00	20	100	50
LA831	65 50 34	148 51 4	N	N	20	1,000	N	N	.50	N	20	15
LA832	65 51 32	148 44 36	N	N	50	3,000	N	N	2.00	20	100	50
LA833	65 53 51	148 38 19	N	N	30	2,000	1.0	N	2.00	20	150	50
LA834	65 57 22	148 32 29	N	N	30	1,500	N	N	1.00	15	100	30
LA835	65 57 19	148 31 37	N	N	20	1,500	N	N	1.00	10	50	20
LA836	65 58 24	148 32 52	N	N	<10	1,500	N	N	2.00	20	50	20
LA837	65 59 6	148 34 58	N	N	20	1,500	N	N	1.00	20	70	50
LA838	65 26 33	149 0 5	N	N	50	3,000	N	N	.50	20	1,000	50
LA839	65 25 41	149 6 56	N	N	30	2,000	N	N	.30	20	70	70
LA840	65 25 37	149 11 43	N	N	50	1,500	N	N	.30	30	100	50
LA841	65 27 35	149 11 55	N	N	30	2,000	N	N	.50	20	150	50
LA842	65 23 49	149 7 51	N	N	50	1,500	N	N	.30	15	100	30
LA843	65 23 45	149 5 38	N	N	30	2,000	N	N	1.00	30	100	50
LA844	65 23 35	149 12 39	N	N	30	3,000	N	N	1.00	30	150	50
LA845	65 22 34	149 10 35	N	N	100	1,500	<1.0	N	.30	20	500	30
LA846	65 21 34	149 9 13	N	N	70	1,000	<1.0	N	.30	150	150	70
LA847	65 20 25	149 9 9	N	N	100	1,500	<1.0	N	1.00	20	200	50
LA848	65 19 33	149 11 22	N	N	50	1,000	N	N	.30	20	100	30
LA849	65 20 8	149 17 10	N	N	50	1,000	N	N	.10	20	150	30
LA850	65 21 16	149 14 49	.5	N	50	1,000	N	N	.20	20	200	30
LA851	65 22 22	149 18 57	N	N	30	1,500	N	N	.20	20	100	50
LA852	65 21 50	149 22 49	N	N	70	2,000	<1.0	N	.30	30	500	50
LA853	65 57 28	148 40 45	N	N	50	1,500	N	N	.50	20	200	30
LA854	65 59 0	148 46 23	N	N	20	500	<1.0	N	.30	<10	50	20
LA855	65 59 36	148 53 14	N	N	50	1,500	N	N	.30	20	150	50
LA856	65 55 58	148 55 58	N	N	70	1,500	N	N	.50	20	200	30
LA857	65 54 58	148 58 43	N	N	30	1,500	N	N	.30	20	100	50
LA858	65 56 21	149 25 23	N	N	50	1,500	N	N	.30	10	70	20
LA859	65 50 3	149 16 36	N	N	100	2,000	<1.0	N	1.00	50	500	100

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA815	5.0	20	70	1.50	1,500	N	2.0	N	50	<.2	20	10	N
LA816	5.0	15	<20	1.50	1,000	N	2.0	N	50	<.2	15	10	N
LA817	5.0	30	50	2.00	1,000	N	3.0	N	30	<.2	30	10	N
LA818	5.0	30	<20	3.00	1,500	N	3.0	N	50	<.2	20	10	N
LA819	3.0	20	<20	1.50	1,000	N	3.0	N	50	<.2	20	7	N
LA820	5.0	30	<20	2.00	1,000	N	3.0	N	50	<.2	20	10	N
LA821	5.0	20	<20	2.00	1,500	N	3.0	N	30	<.2	10	10	N
LA822	5.0	20	<20	1.50	500	N	2.0	N	20	<.2	10	7	N
LA823	7.0	20	50	1.50	1,500	N	2.0	N	50	<.2	30	10	N
LA824	7.0	20	<20	2.00	1,000	N	2.0	N	30	N	20	7	N
LA825	5.0	20	<20	2.00	1,000	N	2.0	N	30	<.2	15	7	N
LA826	10.0	15	N	2.00	1,500	N	2.0	N	50	<.2	20	10	N
LA827	7.0	20	<20	2.00	1,500	N	3.0	N	30	<.2	20	10	N
LA828	7.0	20	<20	2.00	1,500	N	3.0	N	30	<.2	15	7	N
LA829	20.0	15	N	1.00	>5,000	<5	2.0	N	50	N	20	5	N
LA830	10.0	20	<20	2.00	2,000	N	3.0	N	30	<.2	15	10	N
LA831	2.0	10	N	.50	700	N	1.0	N	10	N	<10	N	N
LA832	7.0	20	<20	2.00	2,000	<5	3.0	N	30	N	10	10	N
LA833	7.0	30	<20	5.00	1,500	N	3.0	N	50	<.2	15	10	N
LA834	7.0	15	<20	5.00	1,500	N	3.0	N	30	<.2	10	7	N
LA835	2.0	<5	<20	.70	5,000	N	.5	N	10	<.2	<10	N	N
LA836	10.0	10	N	1.00	>5,000	N	1.0	N	20	<.2	<10	<5	N
LA837	10.0	20	<20	2.00	1,500	N	3.0	N	30	<.2	10	7	N
LA838	7.0	20	<20	3.00	1,500	N	2.0	N	100	<.2	15	10	N
LA839	7.0	20	N	1.00	2,000	N	1.5	N	50	<.2	20	5	N
LA840	7.0	20	<20	2.00	2,000	N	2.0	N	30	<.2	20	10	N
LA841	10.0	20	<20	3.00	1,500	N	2.0	N	20	<.2	30	10	N
LA842	5.0	20	<20	2.00	1,000	N	2.0	N	30	<.2	10	10	N
LA843	15.0	20	N	3.00	5,000	<5	3.0	N	30	N	15	10	N
LA844	10.0	20	<20	3.00	5,000	N	2.0	N	50	<.2	20	10	N
LA845	5.0	20	<50	2.00	1,000	N	2.0	<20	100	<.2	10	15	N
LA846	5.0	20	<50	1.00	3,000	N	2.0	N	100	<.2	10	10	N
LA847	7.0	30	50	3.00	1,500	N	3.0	<20	50	<.2	10	15	N
LA848	7.0	20	50	1.50	1,000	N	3.0	N	30	<.2	30	15	N
LA849	5.0	15	N	1.50	500	N	1.5	N	100	<.2	<10	10	N
LA850	5.0	20	N	1.00	700	N	2.0	N	70	<.2	15	7	N
LA851	5.0	15	<50	1.00	700	N	2.0	N	70	<.2	10	10	N
LA852	5.0	20	<50	2.00	1,000	N	3.0	N	100	<.2	15	15	N
LA853	7.0	30	<50	2.00	1,000	N	3.0	N	50	<.2	15	15	N
LA854	1.0	10	<50	.50	200	N	1.0	N	10	<.2	<10	<5	N
LA855	5.0	20	<50	1.50	1,000	N	3.0	N	50	.2	10	7	N
LA856	5.0	20	N	1.50	500	N	3.0	N	50	.2	10	10	N
LA857	5.0	15	N	1.50	1,000	N	2.0	N	50	.2	10	7	N
LA858	3.0	15	<50	2.00	300	N	3.0	N	30	.2	10	7	N
LA859	7.0	30	<50	5.00	1,500	N	3.0	<20	100	<.2	10	20	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA815	N	N	.50	150	N	20	N	200	N	--	N	.3	N	60
LA816	N	N	.30	100	N	10	<200	100	N	--	N	.3	N	65
LA817	N	N	.30	150	N	20	<200	200	N	--	N	.2	N	65
LA818	<100	N	.70	150	N	20	<200	150	N	--	N	.3	N	70
LA819	N	N	.50	150	N	15	<200	150	N	--	N	1.7	N	110
LA820	<100	N	.20	150	N	20	<200	150	N	--	N	.2	N	50
LA821	N	N	.50	150	N	15	<200	150	N	--	N	.2	N	65
LA822	N	N	.50	150	N	<10	N	100	N	--	N	.2	N	45
LA823	<100	N	.70	200	N	30	<200	200	N	--	N	.2	N	60
LA824	N	N	.70	150	N	10	N	70	N	--	N	.3	N	60
LA825	<100	N	.50	150	N	10	<200	150	N	--	N	.3	N	50
LA826	N	N	.70	200	N	15	<200	200	N	--	N	.4	N	80
LA827	100	N	1.00	200	N	20	<200	300	N	--	N	.3	N	60
LA828	N	N	.70	200	N	10	<200	150	N	--	N	.3	N	60
LA829	N	N	.20	200	N	20	200	50	40	--	N	1.4	N	125
LA830	N	N	.70	200	N	30	<200	150	N	--	N	.5	N	70
LA831	N	N	.20	50	N	N	<200	50	N	--	N	.4	N	40
LA832	<100	N	1.00	200	N	30	<200	300	N	--	N	.3	N	75
LA833	<100	N	1.00	200	N	20	<200	200	N	--	N	.3	N	80
LA834	N	N	1.00	200	N	15	<200	200	N	--	N	.2	N	55
LA835	N	N	.15	30	N	<10	<200	20	N	--	N	1.6	N	110
LA836	N	N	.50	100	N	<10	<200	50	N	--	N	1.2	N	115
LA837	N	N	1.00	150	N	20	N	200	N	--	N	.4	N	70
LA838	N	N	1.00	200	N	20	<200	200	N	--	N	.4	N	95
LA839	N	N	1.00	200	N	20	<200	150	N	--	N	.9	N	105
LA840	N	N	>1.00	200	N	20	<200	200	N	--	N	.5	N	60
LA841	<100	N	>1.00	300	N	30	200	200	N	--	N	.4	N	65
LA842	N	N	.50	150	N	20	N	200	N	--	N	.3	N	70
LA843	N	N	1.00	200	N	20	<200	200	30	--	N	.2	N	80
LA844	<100	N	>1.00	200	N	30	<200	200	N	--	N	1.7	N	80
LA845	N	N	.50	150	N	20	<200	300	20	--	N	.3	2	115
LA846	N	N	.50	150	N	30	200	200	N	--	N	1.3	N	250
LA847	150	N	.70	200	N	30	<200	500	N	--	N	.3	N	70
LA848	N	N	.70	200	N	30	N	200	N	--	N	.2	N	65
LA849	N	N	.30	150	N	<10	<200	100	N	--	N	.3	N	95
LA850	N	N	.30	150	N	20	N	200	N	--	N	.3	N	95
LA851	N	N	.50	150	N	20	N	200	N	--	N	.4	N	85
LA852	<100	N	1.00	200	N	20	200	200	10	--	N	.3	N	110
LA853	<100	N	1.00	200	N	20	N	300	N	--	N	.3	N	75
LA854	N	N	.10	50	N	<10	<200	20	N	--	N	1.2	N	100
LA855	<100	N	.30	150	N	20	<200	100	N	--	N	.7	N	70
LA856	100	N	.70	150	N	20	<200	200	N	--	N	.3	N	70
LA857	<100	N	.20	150	N	10	N	150	N	--	N	.4	N	80
LA858	<100	N	.50	150	N	15	<200	150	N	--	N	.4	N	85
LA859	100	N	1.00	200	N	30	200	200	N	--	N	.4	N	125

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA860	65 21 31	149 47 5	N	500	200	1,500	<1.0	N	.20	20	70	50
LA861	65 21 39	149 50 16	1.0	200	200	5,000	1.0	N	.30	30	200	70
LA862	65 22 6	149 51 27	<.5	N	100	1,500	<1.0	N	.20	20	100	50
LA863	65 22 5	149 53 4	<.5	N	100	1,500	<1.0	N	.20	30	100	50
LA864	65 22 35	149 59 37	N	N	100	1,500	<1.0	N	.20	50	100	50
LA865	65 19 9	149 59 22	N	N	50	1,500	<1.0	N	.30	20	150	50
LA866	65 17 59	149 49 44	N	N	100	1,500	<1.0	N	.30	20	200	70
LA867	65 17 26	149 52 47	N	N	100	1,000	<1.0	N	.20	20	150	30
LA868	65 20 20	149 46 46	N	N	100	1,500	<1.0	N	.30	30	150	50
LA869	65 26 19	148 3 4	N	N	50	700	N	N	.30	20	100	30
LA870	65 27 8	147 59 1	N	N	50	1,000	N	N	.30	20	100	20
LA871	65 27 5	147 58 55	N	N	70	1,000	<1.0	N	.50	20	200	30
LA872	65 15 53	148 17 2	N	N	70	1,000	<1.0	N	.50	20	150	30
LA873	65 15 22	148 18 17	N	N	70	1,000	N	N	.30	20	100	50
LA874	65 13 31	148 20 27	N	N	100	1,500	<1.0	N	.50	20	150	30
LA875	65 11 29	148 21 34	N	N	50	1,000	<1.0	N	.50	20	500	30
LA876	65 10 8	148 26 8	N	N	50	1,000	<1.0	N	.30	30	300	30
LA877	65 7 45	148 31 49	N	N	30	1,000	<1.0	N	.50	20	100	30
LA878	65 4 46	148 32 50	N	N	50	1,000	<1.0	N	.30	30	200	50
LA879	65 8 43	148 37 41	N	N	70	1,000	<1.0	N	1.00	50	200	70
LA880	65 10 1	148 36 25	N	N	50	1,000	<1.0	N	.50	20	100	50
LA881	65 25 1	149 42 8	N	N	50	1,000	<1.0	N	.30	50	500	70
LA882	65 26 25	149 33 35	N	N	50	500	N	N	.10	20	300	50
LA883	65 23 4	149 42 31	.5	N	70	2,000	<1.0	N	.20	30	300	70
LA884	65 21 31	149 43 47	N	N	70	1,500	<1.0	N	.20	20	300	50
LA885	65 20 17	149 42 16	<.5	N	100	1,500	<1.0	N	.30	30	300	50
LA886	65 17 27	149 43 45	N	N	70	2,000	<1.0	N	.30	30	500	50
LA887	65 20 19	149 39 7	N	N	30	1,000	<1.0	N	.20	10	500	30
LA888	65 17 25	149 37 54	N	N	50	1,000	N	N	.07	20	300	20
LA889	65 18 43	149 33 21	<.5	N	50	1,500	<1.0	N	.50	30	200	30
LA890	65 19 37	149 29 31	N	N	70	1,500	<1.0	N	.20	20	200	30
LA891	65 20 25	149 32 57	.5	N	70	1,500	3.0	N	2.00	30	100	30
LA892	65 16 3	149 34 27	N	N	50	2,000	N	N	.30	30	300	30
LA893	65 16 12	149 34 15	N	N	50	1,000	<1.0	N	.10	20	500	20
LA894	65 51 27	149 54 26	N	N	30	500	<1.0	N	.20	20	500	30
LA895	65 49 56	149 55 10	N	N	30	1,000	N	N	.50	20	300	30
LA896	65 49 10	149 40 29	N	N	70	1,000	<1.0	N	.50	15	100	30
LA897	65 45 7	149 56 47	N	N	50	1,000	N	N	.50	15	300	30
LA898	65 45 10	149 57 3	N	N	50	1,000	<1.0	N	.30	10	500	30
LA899	65 46 33	149 58 49	N	N	30	3,000	<1.0	N	.70	15	700	30
LA900	65 53 44	147 48 58	N	N	100	2,000	<1.0	N	.30	20	100	30
LA901	65 53 47	147 48 47	N	N	100	2,000	<1.0	N	.50	30	200	30
LA902	65 51 39	147 39 19	N	N	100	1,000	<1.0	N	.30	30	150	30
LA903	65 51 39	147 38 56	N	N	100	1,000	<1.0	N	.30	20	100	30
LA904	65 48 53	147 49 9	N	N	100	1,000	<1.0	N	.30	30	100	50

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct.	Ga-ppm	La-ppm	Mg-pct.	Mn-ppm	Mo-ppm	Na-pct.	Nb-ppm	Ni-ppm	P-pct.	Pb-ppm	Sc-ppm	Sn-ppm
	s	s	s	s	s	s	s	s	s	s	s	s	s
LA860	5.0	20	<50	1.00	1,000	N	2.0	N	50	.2	20	10	N
LA861	7.0	30	50	2.00	2,000	N	3.0	<20	70	.2	100	20	N
LA862	7.0	20	<50	1.50	1,500	N	2.0	N	70	.2	50	10	N
LA863	7.0	20	<50	.70	1,500	N	2.0	N	70	.2	50	10	N
LA864	7.0	15	<50	1.00	3,000	<5	2.0	N	100	.2	30	15	N
LA865	7.0	20	<50	2.00	700	N	2.0	N	70	.2	30	10	N
LA866	7.0	30	<50	1.50	1,000	N	3.0	N	100	<.2	30	15	N
LA867	5.0	15	<50	1.00	500	N	1.5	N	70	.2	20	10	N
LA868	7.0	20	<50	1.00	700	N	2.0	N	100	.2	50	10	N
LA869	7.0	20	<50	1.00	500	N	3.0	N	50	<.2	10	10	N
LA870	7.0	20	<50	1.00	500	N	3.0	N	50	<.2	10	10	N
LA871	7.0	20	50	1.50	1,000	N	3.0	<20	50	<.2	15	15	N
LA872	7.0	20	50	2.00	1,000	N	3.0	<20	70	<.2	20	15	300
LA873	7.0	30	<50	1.50	2,000	N	2.0	N	70	<.2	20	10	N
LA874	7.0	30	<50	2.00	1,000	N	3.0	N	70	.2	10	15	N
LA875	5.0	20	<50	2.00	1,000	N	2.0	N	50	.2	15	15	N
LA876	5.0	20	<50	2.00	1,000	N	2.0	N	50	.2	20	10	N
LA877	5.0	30	<50	5.00	1,000	N	3.0	N	50	<.2	15	15	N
LA878	7.0	30	50	2.00	1,500	N	3.0	20	50	<.2	15	15	N
LA879	7.0	30	<50	3.00	700	N	3.0	<20	70	<.2	15	15	N
LA880	5.0	15	<50	1.50	700	N	2.0	N	50	<.2	10	15	N
LA881	7.0	15	<50	2.00	2,000	N	1.5	N	150	<.2	30	15	N
LA882	5.0	15	<50	1.00	500	N	2.0	N	30	<.2	15	5	N
LA883	7.0	15	<50	1.50	1,000	<5	1.5	N	70	.2	20	10	N
LA884	7.0	20	<50	2.00	500	N	2.0	N	50	<.2	10	15	N
LA885	7.0	30	<50	2.00	1,000	N	2.0	<20	70	.2	15	15	N
LA886	7.0	20	<50	2.00	700	N	2.0	<20	100	.2	10	10	N
LA887	5.0	10	<50	.70	1,000	N	1.0	N	30	.2	<10	<5	N
LA888	5.0	15	<50	1.50	300	N	2.0	N	100	.2	<10	10	N
LA889	5.0	20	<50	2.00	3,000	N	3.0	N	70	.2	20	15	N
LA890	7.0	15	N	2.00	1,000	N	3.0	N	100	<.2	<10	10	N
LA891	7.0	30	100	5.00	1,500	N	5.0	N	20	.3	50	20	N
LA892	7.0	20	<50	1.50	1,500	N	2.0	N	70	.2	10	10	N
LA893	5.0	20	<50	1.00	1,000	N	1.5	N	70	.2	<10	7	N
LA894	5.0	20	<50	2.00	500	N	2.0	N	70	<.2	10	10	N
LA895	5.0	20	<50	2.00	700	N	2.0	N	70	.2	10	15	N
LA896	7.0	30	<50	2.00	300	N	3.0	N	50	.2	15	15	N
LA897	7.0	20	N	2.00	500	N	2.0	N	70	.2	10	7	N
LA898	5.0	20	<50	2.00	500	N	2.0	N	50	.2	10	7	N
LA899	10.0	15	50	5.00	700	N	2.0	N	50	.2	10	7	N
LA900	5.0	15	<50	1.00	700	N	2.0	N	50	<.2	10	10	N
LA901	7.0	20	50	2.00	700	N	2.0	<20	70	.2	30	15	N
LA902	5.0	20	50	3.00	700	N	2.0	<20	70	<.2	20	15	N
LA903	5.0	20	<50	.70	700	N	2.0	N	50	.2	20	10	N
LA904	5.0	20	50	2.00	1,000	N	2.0	<20	70	<.2	15	10	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA860	<100	N	.30	100	N	10	200	100	600	--	3	.8	10	160
LA861	150	N	.70	200	N	30	300	200	300	--	N	1.2	14	200
LA862	N	N	.50	150	N	20	200	150	70	--	N	1.1	4	195
LA863	N	N	.20	150	N	20	200	100	30	--	N	2.7	2	200
LA864	N	N	.30	200	N	20	200	150	10	--	N	1.4	<2	250
LA865	<100	N	.20	150	N	20	<200	100	100	--	N	.6	12	135
LA866	N	N	.20	200	N	30	200	150	20	--	N	1.2	<2	155
LA867	N	N	.15	150	N	10	<200	100	20	--	N	.6	N	135
LA868	<100	N	.30	200	N	20	<200	200	60	--	N	1.2	6	185
LA869	N	N	.20	150	N	15	N	150	N	--	N	.3	N	80
LA870	N	N	.20	150	N	20	N	200	N	--	N	.2	N	65
LA871	<100	N	.50	200	N	30	<200	300	N	--	N	.4	N	95
LA872	100	N	.70	200	N	50	N	300	N	--	N	.2	N	65
LA873	N	N	.30	100	N	20	<200	100	N	--	N	.5	N	95
LA874	<100	N	.50	150	N	30	<200	200	N	--	N	.2	N	65
LA875	100	N	.50	150	N	30	N	150	N	--	N	.2	N	60
LA876	100	N	.50	150	N	20	<200	200	N	--	N	.3	N	70
LA877	200	N	1.00	200	N	20	<200	200	N	--	N	.2	N	55
LA878	200	N	1.00	150	N	20	<200	200	N	--	N	.3	N	60
LA879	200	N	.50	200	N	30	<200	200	N	--	N	.4	N	85
LA880	100	N	.50	150	N	20	<200	200	N	--	N	.3	N	65
LA881	<100	N	.50	150	N	20	200	200	70	--	N	4.5	6	350
LA882	N	N	.30	100	N	10	<200	100	30	--	N	.4	N	90
LA883	<100	N	.30	200	N	20	200	200	80	--	N	1.3	14	200
LA884	N	N	.30	200	N	20	<200	150	20	--	N	.5	2	100
LA885	<100	N	.50	200	N	30	<200	200	10	--	N	.3	<2	90
LA886	<100	N	.50	200	N	30	<200	200	N	--	N	.8	N	90
LA887	N	N	.20	100	N	10	<200	200	N	--	N	.9	N	95
LA888	N	N	.20	150	N	15	<200	150	N	--	N	.3	N	95
LA889	<100	N	.70	150	N	30	200	200	N	--	N	.7	N	80
LA890	N	N	.70	200	N	20	<200	200	N	--	N	.4	N	95
LA891	500	N	.50	200	N	30	200	100	90	--	N	.2	8	70
LA892	100	N	.50	150	N	20	<200	150	N	--	N	.4	N	80
LA893	N	N	.50	150	N	15	<200	200	N	--	N	.2	N	70
LA894	N	N	.50	150	N	30	<200	100	N	--	N	.3	N	75
LA895	100	N	.50	150	N	30	<200	300	N	--	N	.3	N	60
LA896	150	N	.30	150	N	30	200	150	<10	--	N	.7	N	125
LA897	<100	N	.50	150	N	15	N	150	N	--	N	.3	N	70
LA898	<100	N	.30	150	N	10	<200	100	N	--	N	.3	N	70
LA899	<100	N	>1.00	150	N	20	N	200	N	--	N	.2	N	60
LA900	<100	N	.30	150	N	20	<200	200	N	--	N	.6	N	90
LA901	200	N	.70	100	N	30	300	150	N	--	N	.5	N	160
LA902	<100	N	.70	150	N	20	<200	150	N	--	N	.5	N	130
LA903	<100	N	.50	150	N	20	<200	150	N	--	N	.5	N	60
LA904	100	N	.50	150	N	20	<200	150	N	--	N	.6	N	80

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA905	65 48 57	147 49 17	N	N	100	1,000	N	N	.30	20	100	30
LA906	65 47 23	147 51 51	N	N	100	1,000	<1.0	N	.30	20	150	30
LA907	65 47 26	147 51 35	N	N	100	1,000	<1.0	N	.30	20	100	30
LA908	65 47 17	147 51 29	N	N	100	1,500	N	N	.50	30	700	20
LA909	65 46 11	147 53 56	N	N	100	1,500	N	N	.30	20	100	30
LA910	65 50 16	148 1 0	N	N	150	1,500	N	N	.20	20	70	30
LA911	65 50 1	148 2 55	N	N	70	1,500	N	N	.30	20	70	30
LA912	65 50 33	148 6 14	N	N	50	1,500	N	N	.30	30	100	30
LA913	65 50 37	148 6 19	N	N	100	2,000	<1.0	N	.30	20	100	30
LA914	65 59 54	147 58 35	N	N	100	1,500	N	N	.30	20	150	30
LA915	65 58 28	148 1 12	N	N	70	1,500	N	N	.30	20	150	30
LA916	65 57 10	148 5 42	N	N	70	1,500	N	N	.30	20	200	30
LA917	65 59 16	148 13 24	N	N	70	2,000	<1.0	N	1.00	50	70	30
LA918	65 59 6	148 13 28	N	N	70	2,000	N	N	.50	20	100	30
LA919	65 57 16	148 15 9	N	N	70	1,500	N	N	.30	20	70	30
LA920	65 58 12	148 23 14	N	N	50	1,000	<1.0	N	.50	10	50	20
LA921	65 56 30	148 23 24	N	N	50	1,500	N	N	.30	20	100	20
LA922	65 56 1	148 22 20	N	N	70	1,500	N	N	.30	30	100	30
LA923	65 54 42	148 19 27	N	N	50	2,000	<1.0	N	.50	20	200	50
LA924	65 53 8	148 24 39	N	N	50	2,000	<1.0	N	1.00	20	200	50
LA925	65 51 20	148 24 44	N	N	30	1,500	<1.0	N	.50	20	100	30
LA926	65 51 20	148 25 4	N	N	50	1,500	N	N	.50	20	100	30
LA927	65 51 33	148 25 22	N	N	70	2,000	N	N	.50	20	150	50
LA928	65 51 10	148 15 28	N	N	50	1,500	N	N	.30	20	100	50
LA929	65 51 24	148 10 49	N	N	50	3,000	N	N	.50	30	150	50
LA930	65 52 24	148 19 58	N	N	50	2,000	N	N	.50	20	150	50
LA931	65 48 45	148 12 6	N	N	50	2,000	N	N	.30	30	150	70
LA932	65 46 56	148 16 14	N	N	50	1,500	1.0	N	.30	30	200	30
LA933	65 48 2	148 19 16	N	N	50	2,000	N	N	.50	30	200	50
LA934	65 48 3	148 18 45	N	N	70	1,000	N	N	.30	20	150	30
LA935	65 45 25	148 17 9	N	N	50	1,500	N	N	.20	30	100	50
LA936	65 45 23	148 17 28	N	N	50	1,500	N	N	.30	20	150	50
LA937	65 46 22	148 9 15	N	N	50	1,500	<1.0	N	.30	20	70	30
LA938	65 38 30	148 25 48	N	N	50	1,500	N	N	.30	15	100	50
LA939	65 40 31	148 20 26	N	N	30	2,000	N	N	.50	30	200	50
LA940	65 40 7	148 16 37	N	N	50	1,500	N	N	.30	20	100	50
LA941	65 40 13	148 21 1	N	N	50	1,500	N	N	.50	20	100	50
LA942	65 42 8	148 23 2	N	N	50	1,500	N	N	.30	20	100	50
LA943	65 44 4	148 19 21	N	N	50	2,000	N	N	1.00	30	200	70
LA944	65 44 48	148 8 45	N	N	50	2,000	<1.0	N	.70	20	200	30
LA945	65 44 3	148 28 37	N	N	50	2,000	<1.0	N	.50	20	200	50
LA946	65 45 43	148 32 55	N	N	70	2,000	<1.0	N	.50	15	150	30
LA947	65 45 21	148 35 47	N	N	30	1,000	N	N	.20	10	50	20
LA948	65 45 45	148 40 5	N	N	30	1,000	<1.0	N	.30	<5	70	20
LA949	65 47 1	148 42 28	N	N	30	1,500	N	N	.30	10	100	30

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA905	5.0	20	50	1.00	700	N	3.0	N	50	<.2	15	15	N
LA906	3.0	30	<50	1.00	1,000	N	3.0	N	50	<.2	20	10	N
LA907	5.0	20	<50	1.50	1,500	N	2.0	N	50	<.2	20	10	N
LA908	5.0	30	50	5.00	1,000	N	3.0	<20	70	<.2	20	15	N
LA909	5.0	20	<50	1.50	700	N	3.0	N	50	<.2	20	10	N
LA910	5.0	20	<50	1.50	1,000	N	2.0	<20	30	<.2	20	10	N
LA911	5.0	20	<50	1.00	1,500	N	3.0	N	50	<.2	10	10	N
LA912	3.0	20	<50	1.50	1,000	N	3.0	<20	50	<.2	15	15	N
LA913	2.0	20	<50	1.50	2,000	N	3.0	<20	30	<.2	15	15	N
LA914	5.0	20	<50	2.00	1,000	N	3.0	<20	50	<.2	10	15	N
LA915	3.0	20	<50	1.00	500	N	3.0	<20	50	<.2	10	15	N
LA916	5.0	15	<50	1.00	1,000	N	3.0	<20	50	<.2	10	15	N
LA917	3.0	10	<50	1.00	>5,000	N	1.0	<20	50	<.2	10	5	N
LA918	5.0	20	50	2.00	1,000	N	3.0	<20	50	<.2	20	15	N
LA919	5.0	20	<50	1.50	700	N	3.0	N	50	.2	15	10	N
LA920	1.0	7	<50	.70	2,000	N	.5	N	30	.2	<10	<5	N
LA921	5.0	15	<50	1.00	700	N	2.0	N	50	<.2	10	10	N
LA922	5.0	20	<50	1.50	1,500	N	3.0	N	70	<.2	15	15	N
LA923	7.0	20	<50	1.50	1,000	N	2.0	N	70	<.2	10	10	N
LA924	7.0	20	<50	2.00	1,500	N	3.0	N	70	<.2	15	15	N
LA925	5.0	20	<50	1.00	1,000	N	2.0	N	50	<.2	20	10	N
LA926	5.0	20	<50	2.00	700	N	2.0	N	50	<.2	10	10	N
LA927	5.0	20	<50	2.00	1,500	N	3.0	<20	50	<.2	10	15	N
LA928	5.0	20	<50	1.50	1,000	N	3.0	N	30	<.2	10	10	N
LA929	10.0	20	N	2.00	1,500	N	3.0	N	50	N	20	15	N
LA930	5.0	20	N	2.00	1,000	N	3.0	N	50	<.2	10	10	N
LA931	7.0	20	50	3.00	1,500	N	3.0	N	70	<.2	20	20	N
LA932	5.0	15	<50	2.00	1,000	N	3.0	N	70	<.2	<10	10	N
LA933	5.0	20	<50	2.00	1,000	N	3.0	N	70	<.2	15	20	N
LA934	5.0	15	<50	1.50	700	N	3.0	N	70	<.2	10	10	N
LA935	5.0	20	<50	2.00	1,000	N	3.0	N	70	<.2	10	10	N
LA936	5.0	15	<50	2.00	1,500	N	3.0	N	70	<.2	<10	10	N
LA937	5.0	15	<50	2.00	1,500	N	3.0	N	50	<.2	<10	10	N
LA938	5.0	20	<50	2.00	500	N	3.0	N	50	N	10	10	N
LA939	5.0	30	<50	3.00	1,500	N	3.0	N	50	<.2	10	15	N
LA940	5.0	15	<50	2.00	1,500	N	3.0	N	50	<.2	10	10	N
LA941	5.0	20	<50	1.50	1,500	N	3.0	N	50	<.2	10	10	N
LA942	3.0	15	<50	1.50	1,500	N	3.0	N	50	<.2	10	10	N
LA943	7.0	20	<50	2.00	2,000	N	3.0	N	70	<.2	15	15	N
LA944	5.0	20	<50	2.00	1,500	N	3.0	N	50	<.2	15	15	N
LA945	5.0	20	<20	1.50	1,500	<5	2.0	N	50	<.2	10	15	N
LA946	5.0	30	<20	2.00	1,000	N	3.0	N	30	.2	10	10	N
LA947	2.0	15	N	1.00	500	N	2.0	N	20	<.2	10	5	N
LA948	2.0	15	N	1.00	700	N	2.0	N	30	<.2	10	5	N
LA949	5.0	20	<20	1.50	1,000	N	2.0	N	20	.2	20	7	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA905	100	N	.50	150	N	20	<200	200	N	--	N	.5	N	65
LA906	<100	N	.50	150	N	20	N	200	N	--	N	.4	N	60
LA907	<100	N	.50	150	N	20	N	200	N	--	N	.5	N	75
LA908	200	N	1.00	200	N	20	N	200	N	--	N	.3	N	75
LA909	<100	N	.50	150	N	20	N	150	N	--	N	.5	N	65
LA910	<100	N	.50	200	N	20	N	200	N	--	N	1.1	N	60
LA911	<100	N	.50	200	N	20	N	150	N	--	N	.6	N	75
LA912	<100	N	.70	200	N	10	N	150	N	--	N	.6	N	75
LA913	<100	N	.50	150	N	20	N	150	N	--	N	.5	N	65
LA914	100	N	.50	200	N	20	N	200	N	--	N	.4	N	65
LA915	150	N	.50	150	N	20	N	200	N	--	N	.4	N	55
LA916	<100	N	.70	200	N	20	N	200	N	--	N	.4	N	65
LA917	<100	N	.15	100	N	15	<200	70	N	--	N	3.1	N	300
LA918	200	N	.70	200	N	30	N	300	N	--	N	.3	N	60
LA919	100	N	.20	150	N	10	N	150	N	--	N	.4	N	70
LA920	N	N	.10	50	N	<10	200	70	N	--	N	1.2	N	80
LA921	<100	N	.50	150	N	10	<200	200	N	--	N	.3	N	70
LA922	100	N	.50	150	N	15	<200	200	<10	--	N	.5	N	85
LA923	<100	N	.50	150	N	20	<200	200	N	--	N	.4	N	70
LA924	200	N	.70	200	N	30	<200	200	N	--	N	.3	N	60
LA925	<100	N	.50	200	N	20	<200	150	N	--	N	.4	N	65
LA926	<100	N	.50	200	N	20	<200	300	N	--	N	.4	N	60
LA927	<100	N	.50	200	N	50	<200	300	N	--	N	.4	N	70
LA928	<100	N	.50	150	N	20	<200	200	N	--	N	.3	N	55
LA929	100	N	.50	300	N	30	200	150	30	--	N	.9	N	80
LA930	150	N	.50	150	N	30	<200	200	N	--	N	.3	N	60
LA931	150	N	.70	300	N	30	<200	200	N	--	N	.4	N	60
LA932	<100	N	.50	200	N	20	<200	500	N	--	N	.3	N	70
LA933	200	N	.70	200	N	50	<200	500	N	--	N	.4	N	75
LA934	<100	N	.50	150	N	20	<200	200	N	--	N	.4	N	60
LA935	<100	N	.30	200	N	20	<200	200	N	--	N	.4	N	80
LA936	N	N	.50	150	N	20	<200	200	N	--	N	.4	N	70
LA937	N	N	.50	150	N	15	<200	200	N	--	N	.3	N	55
LA938	<100	N	.50	150	N	20	N	150	N	--	N	.3	N	60
LA939	100	N	.70	500	N	30	<200	300	N	--	N	.4	<2	65
LA940	N	N	.50	200	N	20	N	200	N	--	N	.3	N	55
LA941	N	N	.50	200	N	20	N	200	N	--	N	.3	N	60
LA942	<100	N	.50	150	N	20	N	200	N	--	N	.3	N	60
LA943	100	N	.70	300	N	30	<200	500	N	--	N	.4	N	70
LA944	200	N	.70	200	N	30	<200	500	N	--	N	.3	N	70
LA945	100	N	.70	200	N	20	<200	150	N	--	N	1.2	N	105
LA946	150	N	.50	150	N	30	N	150	N	--	N	.4	N	60
LA947	N	N	.30	100	N	10	N	100	N	--	N	.4	N	55
LA948	<100	N	.20	100	N	<10	N	70	N	--	N	1.0	N	55
LA949	100	N	.50	150	N	20	N	200	N	--	N	.3	N	65

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA950	65 46 0	148 44 49	N	N	50	2,000	N	N	.30	10	100	30
LA951	65 47 53	148 40 17	N	N	50	2,000	<1.0	N	.30	15	100	30
LA952	65 43 45	148 58 55	N	N	50	2,000	N	N	.50	20	150	50
LA953	65 43 31	148 52 10	N	N	50	1,500	N	N	.30	20	70	30
LA954	65 43 26	148 51 45	N	N	70	2,000	N	N	.50	20	200	30
LA955	65 48 22	148 46 46	N	N	50	2,000	N	N	.30	15	50	30
LA956	65 50 48	148 51 8	N	N	50	1,000	N	N	.50	20	100	30
LA957	65 50 39	148 51 24	N	N	30	1,000	N	N	.50	20	150	50
LA958	65 51 39	148 44 26	N	N	50	2,000	N	N	.50	10	100	30
LA959	65 53 41	148 38 48	N	N	50	1,500	N	N	.50	<5	70	20
LA960	65 53 51	148 38 37	N	N	50	1,000	N	N	.30	30	200	30
LA961	65 57 20	148 32 52	N	N	50	1,000	N	N	.30	15	70	30
LA962	65 57 11	148 31 25	N	N	50	700	N	N	.30	10	50	20
LA963	65 58 31	148 32 47	N	N	50	2,000	<1.0	N	1.00	20	150	50
LA964	65 59 42	148 36 36	N	N	50	1,000	N	N	.50	20	100	50
LA965	65 26 46	149 25 45	N	N	50	1,000	N	N	.30	20	70	30
LA966	65 26 47	149 26 1	N	N	50	1,000	N	N	.30	20	70	50
LA967	65 25 37	149 25 20	N	N	50	700	N	N	.30	50	70	50
LA968	65 26 28	149 29 53	7.0	N	50	1,500	<1.0	N	.20	30	70	100
LA969	65 29 25	149 29 18	N	N	30	1,000	N	N	.20	15	100	30
LA970	65 30 14	149 36 16	N	N	100	2,000	<1.0	N	.20	20	150	50
LA971	65 33 19	149 39 8	N	N	50	1,000	N	N	.20	15	70	30
LA972	65 34 26	149 39 31	N	N	50	2,000	N	N	.30	20	150	30
LA973	65 37 19	149 36 7	N	N	30	1,500	N	N	.30	10	100	30
LA974	65 39 37	148 37 6	N	N	50	1,500	N	N	.30	10	100	20
LA975	65 57 27	148 41 14	N	N	70	2,000	<1.0	N	1.00	15	150	20
LA976	65 56 25	148 50 34	N	N	50	1,500	N	N	.50	15	100	30
LA977	65 56 2	148 55 47	N	N	50	1,500	N	N	.30	15	100	30
LA978	65 54 54	148 58 24	N	N	50	2,000	N	N	.50	15	100	30
LA979	65 54 34	149 0 5	N	N	20	1,000	N	N	.30	15	50	30
LA980	65 51 21	149 18 22	N	N	20	1,000	N	N	.50	20	100	50
LA981	65 50 1	149 16 50	N	N	30	2,000	N	N	1.00	20	200	50
LA982	65 53 35	149 13 19	N	N	50	1,500	N	N	.50	20	70	50
LA985	65 45 30	149 7 51	N	N	50	2,000	N	N	.50	20	70	50
LA986	65 49 3	149 11 43	N	N	30	2,000	N	N	1.00	20	150	50
LA987	65 49 1	149 10 8	N	N	50	2,000	N	N	1.00	50	150	70
LA988	65 49 1	149 6 16	N	N	50	1,500	N	N	.50	20	100	50
LA989	65 45 23	149 16 50	N	N	50	2,000	N	N	1.00	30	150	70
LA990	65 45 26	149 17 2	N	N	50	1,500	N	N	.50	20	100	50
LA991	65 48 25	149 25 36	N	N	50	1,500	N	N	.50	15	100	30
LA992	65 52 47	149 34 33	N	N	50	1,000	<1.0	N	1.00	20	200	50
LA993	65 47 45	149 29 55	N	N	50	1,000	<1.0	N	1.00	20	500	30
LA994	65 47 45	149 34 31	<.5	N	50	700	<1.0	N	2.00	30	500	50
LA995	65 54 22	149 38 10	N	N	70	1,000	1.0	N	1.50	20	200	20
LA996	65 56 50	149 35 8	N	N	100	700	<1.0	N	.50	30	200	30

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA950	5.0	20	<20	1.00	1,000	N	2.0	N	20	.2	15	7	N
LA951	5.0	20	<20	1.50	1,000	N	3.0	N	20	.2	20	10	N
LA952	7.0	20	<20	2.00	1,000	N	2.0	N	30	N	20	10	N
LA953	5.0	20	N	1.50	1,500	N	2.0	N	20	<.2	15	7	N
LA954	7.0	30	<20	3.00	1,500	N	3.0	N	30	<.2	20	15	N
LA955	5.0	15	N	1.50	1,500	N	2.0	N	20	<.2	10	7	N
LA956	7.0	15	<20	2.00	1,500	N	2.0	N	20	.2	15	10	N
LA957	5.0	20	N	3.00	1,500	N	2.0	N	30	<.2	10	10	N
LA958	7.0	20	<20	3.00	1,000	N	3.0	N	20	<.2	10	10	N
LA959	2.0	15	<20	2.00	1,000	N	3.0	N	15	.2	10	10	N
LA960	7.0	15	<20	2.00	1,500	N	2.0	N	30	<.2	15	10	N
LA961	5.0	20	N	2.00	700	N	2.0	N	30	<.2	10	7	N
LA962	3.0	15	N	1.50	1,000	N	2.0	N	10	<.2	<10	5	N
LA963	5.0	20	<20	2.00	1,000	N	5.0	N	30	<.2	10	10	N
LA964	5.0	20	N	1.50	1,000	N	2.0	N	50	<.2	10	10	N
LA965	5.0	20	N	2.00	1,000	N	2.0	N	50	<.2	15	5	N
LA966	5.0	20	<20	1.50	1,000	N	2.0	N	30	.2	10	7	N
LA967	7.0	15	N	1.50	2,000	N	1.5	N	70	<.2	10	5	N
LA968	5.0	20	<20	2.00	2,000	N	2.0	N	100	<.2	15	7	N
LA969	5.0	15	<20	2.00	1,000	N	2.0	N	30	<.2	<10	7	N
LA970	5.0	30	<20	2.00	1,000	N	2.0	N	70	<.2	20	10	N
LA971	3.0	20	<20	2.00	1,000	N	3.0	N	20	<.2	10	5	N
LA972	7.0	20	<20	3.00	2,000	N	2.0	N	50	<.2	10	10	N
LA973	5.0	20	<20	2.00	1,500	N	2.0	N	30	<.2	10	7	N
LA974	3.0	15	20	2.00	1,000	N	2.0	N	20	<.2	10	7	N
LA975	5.0	20	20	3.00	1,500	N	3.0	N	30	<.2	10	10	N
LA976	5.0	20	<20	3.00	1,500	N	3.0	N	30	<.2	10	7	N
LA977	5.0	30	<20	2.00	1,000	N	3.0	N	30	<.2	20	7	N
LA978	5.0	20	<20	2.00	1,000	N	3.0	N	30	<.2	10	7	N
LA979	2.0	20	<20	2.00	1,000	N	2.0	N	20	<.2	<10	5	N
LA980	7.0	20	<20	3.00	1,500	N	2.0	N	50	<.2	<10	10	N
LA981	7.0	30	<20	5.00	2,000	N	3.0	N	70	N	15	15	N
LA982	5.0	20	<20	2.00	1,000	N	2.0	N	50	<.2	10	10	N
LA985	5.0	20	<20	3.00	2,000	N	2.0	N	50	<.2	10	10	N
LA986	5.0	20	<20	5.00	1,500	N	3.0	N	70	<.2	10	10	N
LA987	7.0	30	<20	5.00	5,000	N	3.0	N	70	<.2	15	15	N
LA988	5.0	30	<20	3.00	1,500	N	2.0	N	50	<.2	15	10	N
LA989	5.0	30	<20	3.00	2,000	N	3.0	N	50	N	15	15	N
LA990	5.0	20	<20	2.00	1,000	N	2.0	N	50	<.2	15	10	N
LA991	5.0	20	<20	2.00	1,500	N	3.0	N	30	<.2	10	10	N
LA992	5.0	20	<50	2.00	1,000	N	2.0	N	50	.2	15	15	N
LA993	5.0	20	50	1.50	700	N	3.0	N	50	.2	10	15	N
LA994	7.0	20	50	2.00	1,500	N	3.0	N	70	<.2	20	20	N
LA995	7.0	20	<50	2.00	1,000	N	3.0	N	30	.2	10	15	N
LA996	7.0	20	<50	2.00	1,000	N	2.0	N	50	<.2	10	15	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA950	100	N	.30	150	N	20	N	200	N	--	N	.3	N	70
LA951	200	N	.50	200	N	30	N	200	N	--	N	.5	N	60
LA952	150	N	.50	200	N	20	N	200	N	--	N	.3	N	70
LA953	<100	N	.50	150	N	20	<200	100	N	--	N	.6	N	135
LA954	200	N	1.00	200	N	30	<200	200	N	--	N	.4	N	70
LA955	100	N	.20	100	N	15	N	100	N	--	N	.7	N	80
LA956	<100	N	.70	150	N	20	<200	200	N	--	N	.4	N	55
LA957	<100	N	.50	150	N	10	N	100	N	--	N	.3	N	70
LA958	100	N	1.00	200	N	20	N	200	N	--	N	.2	N	70
LA959	100	N	.50	150	N	20	N	150	N	--	N	.3	N	50
LA960	N	N	.70	200	N	20	N	500	N	--	N	.4	N	60
LA961	N	N	.50	150	N	10	N	100	N	--	N	.3	N	70
LA962	<100	N	.30	100	N	10	N	200	N	--	N	.6	N	60
LA963	200	N	.50	200	N	20	N	150	N	--	N	.3	N	60
LA964	<100	N	.50	150	N	15	N	200	N	--	N	.5	N	65
LA965	N	N	.30	150	N	10	N	100	N	--	N	.2	N	80
LA966	N	N	.50	150	N	15	N	200	N	--	N	.3	N	60
LA967	N	N	.50	150	N	10	<200	100	N	--	N	.4	N	105
LA968	<100	N	.50	200	N	20	<200	150	50	--	N	.3	<2	120
LA969	<100	N	.50	150	N	15	<200	150	N	--	N	.1	N	60
LA970	N	N	.30	200	N	20	<200	150	50	--	N	.2	4	125
LA971	<100	N	.70	150	N	15	N	150	N	--	N	.3	N	60
LA972	<100	N	1.00	200	N	20	N	300	N	--	N	.2	N	60
LA973	<100	N	1.00	150	N	20	N	200	N	--	N	.3	N	60
LA974	<100	N	1.00	100	N	20	N	200	N	--	N	.4	N	65
LA975	200	N	>1.00	200	N	30	N	200	N	--	N	.4	N	50
LA976	<100	N	1.00	200	N	10	<200	200	N	--	N	.4	N	65
LA977	100	N	1.00	200	N	20	N	150	N	--	N	.7	N	55
LA978	100	N	.50	200	N	20	N	200	N	--	N	.3	N	55
LA979	N	N	.50	150	N	10	N	150	N	--	N	.5	N	65
LA980	N	N	.50	150	N	15	<200	100	N	--	N	.3	N	85
LA981	100	N	.70	200	N	20	N	200	N	--	N	.3	N	70
LA982	<100	N	.30	150	N	20	N	150	N	--	N	.3	N	60
LA985	<100	N	.70	200	N	20	<200	200	N	--	N	.3	N	70
LA986	<100	N	.70	200	N	20	<200	200	N	--	N	.2	N	70
LA987	<100	N	.70	200	N	30	200	200	N	--	N	.4	N	125
LA988	<100	N	.50	150	N	15	<200	100	N	--	N	.2	N	80
LA989	150	N	.70	200	N	20	<200	200	N	--	N	.4	N	70
LA990	<100	N	.70	150	N	15	N	200	N	--	N	.2	N	60
LA991	100	N	.70	150	N	15	<200	150	N	--	N	.4	N	70
LA992	200	N	.50	150	N	20	<200	200	N	--	N	.4	N	80
LA993	200	N	.70	150	N	30	<200	500	N	--	N	.2	N	65
LA994	300	N	.70	200	N	30	<200	300	N	--	N	.3	N	75
LA995	300	N	.50	200	N	30	<200	500	N	--	N	.2	N	75
LA996	200	N	.50	200	N	30	<200	500	N	--	N	.3	N	80

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA998	65 25 1	149 58 36	.5	N	100	1,000	<1.0	N	1.00	30	200	70
LA999	65 24 43	149 54 9	N	N	70	1,000	<1.0	N	.20	30	700	70
LA1005	65 13 15	147 0 29	N	N	100	500	<1.0	N	.20	15	100	30
LA1006	65 13 23	147 4 24	N	N	200	300	<1.0	N	.20	20	100	30
LA1007	65 13 36	147 7 28	N	N	100	500	<1.0	N	.50	30	100	50
LA1008	65 13 30	147 9 44	N	N	200	500	<1.0	N	.20	30	50	50
LA1009	65 12 55	147 11 48	N	N	200	500	<1.0	N	.20	30	100	50
LA1010	65 12 29	147 13 40	N	N	100	300	N	N	.50	50	50	50
LA1024	65 25 6	148 53 17	N	N	100	700	<1.0	N	.20	50	200	50
LA1025	65 13 27	149 33 4	N	N	50	1,000	<1.0	N	.10	20	300	20
LA1026	65 12 59	149 36 34	N	N	50	1,000	<1.0	N	.50	30	200	50
LA1027	65 12 51	149 40 35	N	N	70	1,500	<1.0	N	.30	30	500	30
LA1100	65 8 41	148 37 51	N	N	20	1,500	N	N	1.00	10	150	30
LA1101	65 9 47	148 34 13	N	N	10	1,000	N	N	.50	<10	100	30
LA1102	65 25 8	149 58 22	N	N	10	5,000	N	N	3.00	<10	150	30
LA1103	65 26 49	149 59 53	N	N	10	2,000	N	N	.50	20	200	50
LA1104	65 24 41	149 54 33	N	N	10	1,500	N	N	.20	10	150	50
LA1105	65 26 1	149 54 8	N	N	10	2,000	N	N	.30	30	200	50
LA1106	65 28 28	149 54 3	N	N	10	1,000	N	N	.30	10	70	20
LA1107	65 28 41	149 50 29	N	N	<10	1,000	N	N	.50	10	70	20
LA1108	65 28 39	149 46 37	N	N	20	2,000	N	N	.50	20	500	30
LA1109	65 29 18	149 41 4	N	N	10	1,500	N	N	.50	50	70	30
LA1110	65 29 22	149 37 56	N	N	10	1,500	N	N	1.00	10	100	20
LA1111	65 26 40	149 41 13	N	N	50	2,000	N	N	.30	20	100	30
LA1112	65 26 42	149 41 39	N	N	20	2,000	N	N	.50	10	150	30
LA1113	65 25 10	149 36 28	N	N	20	1,000	N	N	.30	30	100	50
LA1114	65 32 31	149 48 6	N	N	15	1,500	N	N	.50	10	100	20
LA1115	65 38 46	149 48 22	N	N	10	1,000	N	N	.50	<10	70	15
LA1116	65 37 21	149 53 5	N	N	10	1,000	N	N	2.00	15	70	30
LA1117	65 35 7	149 53 54	N	N	10	1,000	N	N	.50	10	70	20
LA1118	65 41 13	149 58 9	N	N	10	2,000	N	N	.50	<10	100	20
LA1119	65 41 9	149 58 22	N	N	<10	2,000	N	N	1.00	20	500	50
LA1120	65 41 29	149 39 51	N	N	15	2,000	N	N	.50	15	70	30
LA1121	65 42 31	149 34 47	N	N	10	3,000	N	N	2.00	15	200	30
LA1122	65 38 23	149 34 27	N	N	30	1,000	<1.0	N	.30	10	100	20
LA1123	65 37 37	149 32 41	N	N	50	1,500	<1.0	N	1.00	20	200	30
LA1124	65 35 51	149 29 40	N	N	50	1,500	<1.0	N	1.50	20	200	30
LA1125	65 13 33	149 58 57	N	N	50	1,500	<1.0	N	.50	20	200	30
LA1126	65 14 12	149 57 51	N	N	50	1,500	<1.0	N	.50	20	300	30
LA1127	65 15 38	149 55 51	N	N	50	1,000	N	N	.30	10	150	30
LA1128	65 15 34	149 55 42	N	N	100	1,000	N	N	.30	20	200	50
LA1129	65 15 38	149 56 6	N	N	70	1,500	N	N	.50	15	200	30
LA1130	65 16 59	149 54 26	N	N	50	1,000	<1.0	N	.30	20	100	30
LA1131	65 16 11	149 51 22	N	N	100	1,000	<1.0	N	.30	10	200	30
LA1132	65 19 42	148 58 21	N	N	50	1,000	N	N	.50	15	150	20

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA998	7.0	30	<50	2.00	2,000	N	3.0	<20	70	<.2	30	20	N
LA999	7.0	15	<50	2.00	700	N	2.0	N	100	<.2	30	10	N
LA1005	5.0	15	<50	1.50	1,000	N	2.0	N	50	<.2	20	10	N
LA1006	10.0	20	<50	1.00	1,500	N	2.0	<20	30	<.2	10	20	N
LA1007	10.0	15	<50	2.00	1,500	N	2.0	N	50	<.2	15	15	N
LA1008	10.0	20	<50	2.00	1,500	N	2.0	<20	50	<.2	20	20	N
LA1009	10.0	20	<50	2.00	1,000	N	2.0	N	50	<.2	15	15	N
LA1010	10.0	20	<50	2.00	2,000	N	2.0	<20	50	N	10	20	N
LA1024	7.0	20	<50	3.00	1,000	N	2.0	N	100	<.2	10	15	N
LA1025	5.0	10	N	1.50	300	N	1.5	N	70	<.2	<10	10	N
LA1026	7.0	20	50	3.00	1,000	N	3.0	<20	70	<.2	10	15	N
LA1027	7.0	20	<50	3.00	1,000	N	2.0	N	100	<.2	10	10	N
LA1100	5.0	20	<50	1.50	1,000	N	2.0	N	20	N	20	15	N
LA1101	5.0	20	<50	2.00	700	N	2.0	N	15	N	20	7	N
LA1102	2.0	20	<50	2.00	1,500	N	2.0	N	20	N	20	10	N
LA1103	7.0	20	<50	2.00	2,000	N	2.0	N	70	N	30	15	N
LA1104	5.0	20	<50	2.00	1,000	N	2.0	N	50	N	30	10	N
LA1105	5.0	30	<50	3.00	2,000	N	2.0	N	70	N	30	15	N
LA1106	2.0	20	<50	1.50	1,000	N	2.0	N	15	N	20	7	N
LA1107	3.0	20	<50	2.00	2,000	N	2.0	N	15	N	15	10	N
LA1108	5.0	20	<50	3.00	2,000	N	2.0	N	50	N	100	15	N
LA1109	3.0	20	<50	2.00	2,000	N	2.0	N	50	N	15	7	N
LA1110	3.0	20	<50	2.00	1,500	N	2.0	N	10	N	10	7	N
LA1111	5.0	20	<50	2.00	1,000	N	2.0	N	50	N	30	10	N
LA1112	3.0	20	<50	2.00	1,000	N	2.0	N	20	N	20	10	N
LA1113	5.0	20	<50	2.00	1,500	N	2.0	N	30	N	15	10	N
LA1114	2.0	20	<50	2.00	1,000	N	3.0	N	20	N	10	10	N
LA1115	2.0	15	N	2.00	700	N	2.0	N	10	N	10	7	N
LA1116	5.0	20	N	3.00	1,000	N	3.0	N	30	N	10	10	N
LA1117	2.0	15	<50	2.00	1,000	N	2.0	N	20	N	<10	7	N
LA1118	2.0	20	<50	2.00	1,000	N	2.0	N	15	N	10	7	N
LA1119	5.0	20	<50	5.00	1,500	N	2.0	N	70	N	10	10	N
LA1120	5.0	20	<50	2.00	500	N	2.0	N	20	N	15	7	N
LA1121	5.0	15	<50	3.00	1,000	N	2.0	N	30	N	10	10	N
LA1122	2.0	15	<50	.70	300	N	2.0	N	20	.2	10	7	N
LA1123	5.0	20	<50	1.50	1,000	N	3.0	N	50	<.2	20	15	N
LA1124	5.0	20	50	1.50	1,000	N	3.0	N	30	<.2	20	15	N
LA1125	3.0	20	50	1.50	2,000	N	2.0	N	50	<.2	20	10	N
LA1126	3.0	20	<50	2.00	700	N	2.0	N	50	<.2	20	15	N
LA1127	2.0	20	N	1.50	500	N	1.5	N	50	<.2	20	5	N
LA1128	3.0	20	50	1.50	1,000	N	2.0	N	70	<.2	15	10	N
LA1129	3.0	20	50	2.00	1,000	N	2.0	N	50	<.2	20	15	N
LA1130	2.0	20	<50	2.00	1,500	N	2.0	N	50	<.2	20	10	N
LA1131	2.0	20	<50	1.50	1,000	N	2.0	N	50	<.2	30	10	N
LA1132	2.0	20	<50	1.50	1,000	N	2.0	N	20	<.2	10	10	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA998	100	N	.50	300	N	50	<200	300	N	--	N	.9	N	190
LA999	<100	N	.30	200	N	20	<200	150	60	--	N	.8	6	185
LA1005	N	N	.70	100	N	20	200	200	N	--	N	.1	N	60
LA1006	N	N	1.00	100	N	50	200	500	N	--	N	.5	N	45
LA1007	<100	N	1.00	200	N	20	200	300	<10	--	N	.2	N	65
LA1008	N	N	>1.00	150	N	20	200	200	N	--	N	.2	N	60
LA1009	N	N	>1.00	150	N	20	<200	200	N	--	N	.2	N	65
LA1010	N	N	>1.00	200	N	30	<200	300	N	--	N	.2	N	70
LA1024	<100	N	1.00	300	N	20	200	200	N	--	N	.2	N	125
LA1025	N	N	.50	150	N	10	<200	150	N	--	N	.2	2	70
LA1026	200	N	1.00	200	N	30	<200	150	N	--	N	.3	N	70
LA1027	<100	N	1.00	300	N	15	<200	200	N	--	N	.2	N	80
LA1100	200	N	.50	150	N	20	<200	150	N	--	N	.2	N	45
LA1101	100	N	.50	100	N	<10	N	100	N	--	N	.1	N	40
LA1102	150	N	.50	200	N	20	<200	150	N	--	N	1.0	N	100
LA1103	100	N	1.00	200	N	20	<200	150	N	--	N	.9	N	130
LA1104	<100	N	1.00	200	N	15	200	100	10	--	N	.9	N	200
LA1105	<100	N	1.00	200	N	20	200	150	40	--	N	.8	2	200
LA1106	<100	N	.50	100	N	15	N	150	<10	--	N	.4	N	85
LA1107	<100	N	.50	150	N	15	N	100	N	--	N	.4	N	75
LA1108	100	N	1.00	200	N	30	200	200	N	--	N	.9	N	125
LA1109	100	N	.50	150	N	15	500	100	N	--	N	2.8	N	400
LA1110	100	N	.70	150	N	15	N	150	N	--	N	.5	N	65
LA1111	<100	N	1.00	200	N	20	200	150	60	--	N	.7	8	140
LA1112	100	N	.50	150	N	20	200	200	10	--	N	1.1	2	155
LA1113	100	N	.30	150	N	20	200	150	80	--	N	1.0	<2	140
LA1114	100	N	.50	150	N	20	N	200	N	--	N	.3	N	70
LA1115	100	N	.50	100	N	10	N	150	N	--	N	.2	N	55
LA1116	150	N	.30	150	N	15	N	100	10	--	N	.4	N	90
LA1117	100	N	.70	100	N	10	N	100	N	--	N	.3	N	60
LA1118	150	N	.50	100	N	10	N	150	N	--	N	.3	N	65
LA1119	150	N	1.00	150	N	10	<200	100	N	--	N	.4	N	80
LA1120	<100	N	.50	100	N	15	N	70	N	--	N	.6	N	90
LA1121	100	N	1.00	200	N	20	<200	100	N	--	N	.5	N	65
LA1122	100	N	.20	100	N	10	N	100	N	--	N	.3	N	60
LA1123	200	N	.50	150	N	20	<200	150	N	--	N	.2	N	55
LA1124	200	N	.30	150	N	30	<200	150	<10	--	N	.4	N	70
LA1125	150	N	.20	150	N	20	<200	150	20	--	N	.6	4	85
LA1126	150	N	.20	150	N	20	<200	100	10	--	N	.4	N	90
LA1127	N	N	.20	150	N	<10	<200	100	10	--	N	.5	<2	100
LA1128	<100	N	.30	200	N	20	<200	150	N	--	N	.6	N	85
LA1129	200	N	.20	150	N	30	200	150	10	--	N	.6	<2	100
LA1130	<100	N	.20	150	N	15	<200	100	30	--	N	.5	4	95
LA1131	<100	N	.50	200	N	20	<200	100	<10	--	N	.7	N	65
LA1132	<100	N	.70	150	N	20	<200	150	N	--	N	.4	N	60

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA1133	65 17 5	149 0 38	N	N	50	500	N	N	.30	10	50	20
LA1134	65 13 43	149 2 42	N	N	30	1,000	N	N	2.00	15	150	20
LA1135	65 13 53	149 2 31	N	N	20	700	N	N	2.00	15	100	20
LA1136	65 14 34	148 41 10	N	N	15	1,000	N	N	2.00	<10	70	30
LA1137	65 7 19	148 44 17	N	N	20	1,000	N	N	1.00	10	150	20
LA1138	65 11 46	149 7 4	N	N	50	1,500	N	N	2.00	15	150	30
LA1139	65 13 58	149 16 15	N	N	70	1,500	N	N	1.00	15	150	50
LA1140	65 11 44	149 25 48	N	N	15	1,500	N	N	1.00	10	200	20
LA1141	65 9 58	149 33 42	N	N	10	1,500	N	N	2.00	10	70	20
LA1142	65 8 2	149 30 32	N	N	50	1,500	N	N	.70	10	100	20
LA1143	65 7 56	149 30 29	N	N	50	1,500	N	N	1.00	15	100	30
LA1144	65 9 53	149 42 44	N	N	50	1,500	N	N	.50	10	100	20
LA1145	65 6 45	149 44 3	N	N	20	1,500	<1.0	N	.50	10	100	30
LA1146	65 7 22	149 49 34	N	N	50	1,500	<1.0	N	.50	20	150	30
LA1147	65 4 47	149 53 42	N	N	50	1,500	<1.0	N	1.00	20	150	30
LA1148	65 3 42	149 58 36	N	N	30	1,000	N	N	.50	10	70	20
LA1149	65 5 3	149 59 33	N	N	30	500	N	N	.30	10	70	20
LA1150	65 0 12	149 57 20	N	N	50	1,000	<1.0	N	.50	20	100	20
LA1151	65 2 13	149 48 11	N	N	30	1,000	N	N	.30	20	150	30
LA1152	65 2 4	149 48 14	N	N	30	1,500	<1.0	N	1.00	15	200	30
LA1153	65 2 22	149 41 7	N	N	50	1,000	<1.0	N	.30	15	100	30
LA1154	65 0 57	149 38 58	N	N	50	1,000	N	N	.50	10	100	20
LA1155	65 4 57	149 36 13	N	N	50	1,000	<1.0	N	.30	15	150	30
LA1156	65 5 24	149 31 12	N	N	50	1,000	<1.0	N	.50	10	100	50
LA1157	65 17 12	149 20 52	N	N	50	1,000	N	N	.20	<10	100	20
LA1158	65 12 11	149 39 54	N	N	50	500	<1.0	N	.20	<10	100	10
LA1159	65 8 26	149 50 34	N	N	50	1,000	N	N	1.00	10	150	20
LA1160	65 7 32	149 55 1	N	N	50	1,000	<1.0	N	1.00	10	200	20
LA1161	65 7 27	149 54 56	N	N	50	1,500	N	N	1.00	15	150	30
LA1162	65 11 46	149 54 50	N	N	50	1,500	N	N	1.00	15	200	20
LA1163	65 11 53	149 59 22	N	N	20	200	N	N	.05	<10	50	10
LA1164	65 12 35	149 58 31	N	N	50	1,000	<1.0	N	.20	15	150	20
LA1165	65 13 21	149 51 33	N	N	30	1,000	<1.0	N	.30	<10	100	30
LA1166	65 12 42	148 29 52	N	N	50	1,000	<1.0	N	.50	<10	150	20
LA1167	65 13 26	148 29 41	N	N	50	1,500	<1.0	N	.50	<10	150	30
LA1168	65 11 37	148 9 6	N	N	50	1,500	<1.0	N	.50	20	200	30
LA1169	65 10 1	148 12 55	N	N	50	1,500	<1.0	N	.50	20	200	30
LA1170	65 8 28	148 15 27	N	N	50	1,500	<1.0	N	.30	15	200	30
LA1171	65 6 43	148 19 13	N	N	50	1,000	N	N	.30	10	100	20
LA1172	65 6 50	148 17 51	N	N	50	1,500	<1.0	N	.50	10	200	30
LA1173	65 4 55	148 26 21	N	N	50	1,000	<1.0	N	.50	15	150	30
LA1174	65 4 59	148 26 21	N	N	50	1,500	<1.0	N	.50	15	150	20
LA1175	65 4 49	148 29 47	N	N	50	1,500	<1.0	N	.50	10	150	20
LA1176	65 1 32	148 21 4	N	N	50	1,000	<1.0	N	.30	<10	100	20
LA1177	65 1 30	148 14 55	N	N	50	1,000	<1.0	N	.50	10	150	20

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA1133	2.0	15	N	1.00	700	N	2.0	N	20	<.2	10	5	N
LA1134	2.0	20	50	3.00	1,500	N	3.0	N	20	<.2	20	15	N
LA1135	3.0	20	50	5.00	1,500	N	3.0	N	15	.2	20	10	N
LA1136	1.0	15	<50	2.00	500	N	2.0	N	20	<.2	<10	5	N
LA1137	2.0	15	<50	3.00	700	N	2.0	N	20	<.2	10	10	N
LA1138	3.0	20	50	3.00	2,000	N	2.0	N	30	<.2	15	10	N
LA1139	2.0	15	<50	3.00	2,000	N	2.0	N	30	<.2	10	10	N
LA1140	1.0	15	N	2.00	1,000	N	1.5	N	50	<.2	<10	7	N
LA1141	1.0	15	<50	5.00	1,000	N	2.0	N	20	N	<10	7	N
LA1142	1.0	15	<50	2.00	1,000	N	2.0	N	30	<.2	10	7	N
LA1143	3.0	20	<50	2.00	1,000	N	2.0	N	30	<.2	20	10	N
LA1144	1.0	15	<50	2.00	500	N	2.0	N	30	<.2	<10	5	N
LA1145	5.0	20	<50	2.00	1,000	N	2.0	N	30	<.2	20	10	N
LA1146	5.0	20	<50	2.00	1,000	N	2.0	N	30	<.2	30	15	N
LA1147	5.0	20	<50	2.00	1,000	N	3.0	N	30	<.2	20	15	N
LA1148	5.0	20	<50	1.50	1,000	N	2.0	N	20	<.2	10	7	N
LA1149	2.0	15	<50	1.50	700	N	2.0	N	30	<.2	20	5	N
LA1150	5.0	20	50	2.00	1,500	N	2.0	N	20	<.2	20	10	N
LA1151	5.0	20	<50	2.00	500	N	2.0	N	30	<.2	20	15	N
LA1152	3.0	30	50	2.00	1,000	N	3.0	N	30	<.2	30	15	N
LA1153	5.0	20	<50	1.50	1,000	N	2.0	N	30	<.2	15	10	N
LA1154	5.0	20	<50	2.00	1,000	N	2.0	N	20	<.2	15	10	N
LA1155	5.0	20	<50	1.50	1,000	N	2.0	N	20	<.2	20	10	N
LA1156	5.0	20	<50	2.00	700	N	2.0	N	30	<.2	15	7	N
LA1157	2.0	15	<50	1.50	300	N	2.0	N	15	<.2	10	5	N
LA1158	2.0	15	<50	1.50	300	N	1.5	N	30	<.2	10	<5	N
LA1159	3.0	20	<50	2.00	1,500	N	2.0	N	15	<.2	15	10	N
LA1160	5.0	20	<50	2.00	1,500	N	2.0	N	20	<.2	10	10	N
LA1161	5.0	20	<50	2.00	1,500	N	2.0	N	30	<.2	10	10	N
LA1162	5.0	20	<50	2.00	1,000	N	2.0	N	50	<.2	15	10	N
LA1163	2.0	15	N	.70	100	N	1.5	N	50	<.2	<10	<5	N
LA1164	5.0	20	<50	1.50	1,000	N	2.0	N	50	<.2	30	10	N
LA1165	2.0	15	<50	1.50	1,000	N	2.0	N	30	.2	10	5	N
LA1166	5.0	20	<50	2.00	1,000	N	2.0	N	20	<.2	10	7	N
LA1167	3.0	20	<50	2.00	1,000	N	2.0	N	20	<.2	15	10	N
LA1168	2.0	20	<50	1.50	2,000	N	2.0	N	30	<.2	20	10	N
LA1169	2.0	20	<50	1.50	2,000	N	2.0	N	30	<.2	15	10	N
LA1170	2.0	20	<50	1.50	1,000	N	2.0	N	30	<.2	15	10	N
LA1171	2.0	20	<50	1.50	1,000	N	2.0	N	20	<.2	10	7	N
LA1172	3.0	20	<50	2.00	1,000	N	3.0	N	20	<.2	20	10	N
LA1173	5.0	20	<50	2.00	1,000	N	3.0	N	30	<.2	20	10	N
LA1174	3.0	20	<50	2.00	1,500	N	2.0	N	20	<.2	20	10	N
LA1175	3.0	20	<50	1.50	1,000	N	2.0	N	20	<.2	20	10	N
LA1176	2.0	20	<50	1.00	700	N	2.0	N	20	<.2	20	7	N
LA1177	5.0	20	<50	1.50	700	N	2.0	N	20	<.2	20	10	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA1133	N	N	.20	100	N	<10	N	100	10	--	N	.4	<2	60
LA1134	200	N	1.00	200	N	30	N	150	N	--	N	.2	N	55
LA1135	200	N	.70	200	N	20	N	150	N	--	N	.3	N	55
LA1136	150	N	1.00	150	N	10	N	100	N	--	N	.9	N	35
LA1137	<100	N	.70	100	N	10	N	150	N	--	N	.1	N	40
LA1138	100	N	1.00	200	N	20	N	200	N	--	N	.2	N	65
LA1139	<100	N	.70	200	N	20	N	150	N	--	N	.6	N	70
LA1140	N	N	.50	150	N	10	<200	70	N	--	N	.3	N	60
LA1141	<100	N	1.00	150	N	15	N	100	N	--	N	.3	N	55
LA1142	<100	N	.50	150	N	15	<200	200	N	--	N	.2	N	55
LA1143	<100	N	1.00	150	N	15	<200	150	N	--	N	.4	N	60
LA1144	N	N	.50	150	N	15	N	70	N	--	N	.3	N	60
LA1145	100	N	.50	150	N	20	<200	150	N	--	N	.4	N	160
LA1146	200	N	.50	150	N	30	<200	200	N	--	N	.3	N	65
LA1147	200	N	.50	150	N	30	<200	200	N	--	N	.3	N	70
LA1148	<100	N	.50	100	N	10	<200	100	N	--	N	.3	N	75
LA1149	<100	N	.30	100	N	20	<200	150	N	--	N	.3	N	70
LA1150	200	N	.50	150	N	30	<200	200	N	--	N	.3	N	55
LA1151	100	N	.50	200	N	30	<200	100	N	--	N	.5	N	70
LA1152	300	N	.50	150	N	30	<200	200	N	--	N	.3	N	60
LA1153	150	N	.30	100	N	20	<200	150	N	--	N	.7	N	75
LA1154	100	N	.50	150	N	20	<200	200	N	--	N	.4	N	65
LA1155	100	N	.50	150	N	15	<200	150	N	--	N	.3	N	50
LA1156	<100	N	.50	150	N	10	<200	100	N	--	N	.7	N	105
LA1157	<100	N	.20	100	N	10	<200	100	N	--	N	.3	N	50
LA1158	N	N	.20	100	N	<10	<200	100	N	--	N	.2	N	55
LA1159	200	N	.50	150	N	20	<200	200	N	--	N	.2	N	50
LA1160	200	N	.50	150	N	20	<200	200	N	--	N	.2	N	50
LA1161	150	N	.50	150	N	15	<200	200	N	--	N	.4	N	65
LA1162	100	N	.50	200	N	20	<200	200	N	--	N	.3	N	65
LA1163	N	N	.15	50	N	<10	<200	100	N	--	N	.2	N	70
LA1164	<100	N	.30	150	N	15	<200	200	N	--	N	.9	N	135
LA1165	100	N	.30	100	N	15	<200	100	N	--	N	.6	N	70
LA1166	150	N	.50	100	N	15	<200	200	N	--	N	.2	N	55
LA1167	200	N	.50	150	N	15	<200	150	N	--	N	.2	N	50
LA1168	100	N	.50	150	N	20	<200	150	N	--	N	.4	N	70
LA1169	100	N	.50	150	N	20	<200	200	N	--	N	.3	N	60
LA1170	100	N	.50	150	N	10	<200	150	N	--	N	.2	N	60
LA1171	<100	N	.50	100	N	10	<200	150	N	--	N	.2	N	50
LA1172	150	N	.30	150	N	15	<200	150	N	--	N	.2	N	50
LA1173	200	N	.50	150	N	15	<200	150	<10	--	N	.2	N	50
LA1174	150	N	.50	150	N	20	<200	200	N	--	N	.2	N	50
LA1175	100	N	.50	150	N	20	<200	200	N	--	N	.1	N	50
LA1176	<100	N	.50	100	N	10	<200	100	10	--	N	.2	4	50
LA1177	200	N	.50	150	N	15	<200	150	<10	--	N	.1	<2	50

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA1178	65 2 15	148 10 24	N	N	50	500	<1.0	N	.50	10	50	30
LA1179	65 2 11	148 2 5	N	N	50	1,500	<1.0	N	.50	15	100	30
LA1180	65 4 10	148 3 9	N	N	50	1,000	<1.0	N	.30	15	100	30
LA1181	65 4 8	148 2 54	N	N	50	1,000	<1.0	N	.50	15	150	30
LA1182	65 7 18	148 5 1	N	N	70	1,500	N	N	1.00	30	300	50
LA1183	65 6 34	148 12 42	N	N	20	1,000	N	N	.30	10	70	30
LA1184	65 6 44	148 10 23	N	N	50	1,500	<1.0	N	.30	15	100	30
LA1185	65 9 40	147 54 45	N	N	50	500	<1.0	N	.50	20	100	30
LA1186	65 9 7	147 51 22	N	N	50	500	N	N	.50	<10	70	15
LA1187	65 1 44	147 42 16	N	N	50	500	<1.0	N	.50	20	70	30
LA1188	65 14 43	148 8 10	N	N	70	700	<1.0	N	.50	20	100	20
LA1189	65 14 52	148 7 51	N	N	70	700	<1.0	N	.20	15	70	20
LA1190	65 14 44	148 8 29	N	N	100	1,000	1.0	N	.30	20	100	30
LA1191	65 11 46	147 49 33	N	N	50	300	<1.0	N	.20	15	70	20
LA1192	65 11 48	147 49 13	N	N	50	300	<1.0	N	.20	15	100	30
LA1193	65 11 11	147 42 2	N	N	100	500	<1.0	N	.30	15	100	30
LA1194	65 12 15	147 41 31	N	N	50	200	<1.0	N	.20	<10	30	5
LA1195	65 12 20	147 41 46	N	N	50	300	<1.0	N	.30	10	100	20
LA1196	65 8 59	147 34 16	N	N	100	300	<1.0	N	.20	15	50	20
LA1197	65 8 50	147 34 10	N	N	70	300	<1.0	N	.50	15	100	20
LA1198	65 10 50	147 26 22	N	N	100	200	<1.0	N	.30	20	50	30
LA1199	65 12 29	147 28 29	N	N	100	200	<1.0	N	.20	15	30	20
LA1200	65 26 4	149 53 51	N	N	50	2,000	<1.0	N	1.00	50	200	70
LA1201	65 28 21	149 54 7	N	N	50	3,000	<1.0	N	.50	50	200	70
LA1202	65 28 50	149 50 18	N	N	30	1,000	<1.0	N	1.00	10	100	30
LA1203	65 28 45	149 46 45	N	N	50	500	<1.0	N	1.50	30	70	50
LA1205	65 29 12	149 40 56	N	N	50	1,500	<1.0	N	1.50	20	100	50
LA1206	65 29 19	149 38 37	N	N	30	500	<1.0	N	.30	30	50	30
LA1207	65 29 10	149 38 18	N	N	50	2,000	N	N	1.00	15	500	50
LA1208	65 26 56	149 40 29	N	N	30	1,000	<1.0	N	1.00	30	150	50
LA1209	65 23 48	149 35 0	N	N	20	1,500	<1.0	N	3.00	20	150	50
LA1210	65 23 44	149 35 13	N	N	20	300	<1.0	N	.50	100	200	100
LA1211	65 25 6	149 41 44	N	N	30	500	<1.0	N	.50	15	100	30
LA1212	65 24 59	149 41 48	N	N	100	2,000	<1.0	N	.30	10	150	50
LA1213	65 25 26	149 33 15	N	N	100	500	<1.0	N	.20	20	500	100
LA1214	65 22 58	149 42 46	N	N	100	2,000	<1.0	N	.30	10	150	50
LA1215	65 20 22	149 43 9	N	N	50	2,000	N	N	1.50	15	200	30
LA1216	65 20 13	149 42 29	N	N	30	500	N	N	.30	15	100	30
LA1217	65 17 25	149 43 58	N	N	50	1,000	N	N	.30	20	200	30
LA1218	65 20 16	149 37 47	N	N	30	2,000	N	N	1.00	20	200	30
LA1219	65 20 19	149 37 27	N	N	50	5,000	N	N	1.00	20	200	30
LA1220	65 17 24	149 37 32	N	N	30	1,500	N	N	.30	20	500	30
LA1221	65 18 49	149 33 28	N	N	50	2,000	<1.0	N	1.50	20	500	50
LA1222	65 20 5	149 29 46	N	N	70	2,000	<1.0	N	2.00	20	300	50
LA1223	65 20 0	149 29 53	N	N	50	1,500	1.0	N	1.00	15	70	20

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA1178	5.0	15	<50	1.50	700	N	2.0	N	20	<.2	10	10	N
LA1179	5.0	20	<50	2.00	700	N	2.0	N	20	<.2	15	10	N
LA1180	2.0	20	<50	2.00	700	N	2.0	N	20	<.2	20	7	N
LA1181	3.0	20	<50	2.00	1,000	N	2.0	N	20	<.2	20	10	N
LA1182	7.0	30	<50	1.50	2,000	N	3.0	N	30	N	20	15	N
LA1183	5.0	20	<50	1.50	1,000	N	2.0	N	20	<.2	20	7	N
LA1184	5.0	15	<50	2.00	1,000	N	2.0	N	20	<.2	10	10	N
LA1185	3.0	15	<50	1.00	500	N	1.5	N	50	<.2	10	10	N
LA1186	2.0	15	<50	1.00	300	N	1.5	N	20	<.2	10	7	N
LA1187	2.0	15	<50	1.00	700	N	1.5	N	30	<.2	20	10	N
LA1188	2.0	20	<50	1.00	1,000	N	2.0	N	30	<.2	20	10	N
LA1189	2.0	15	<50	1.00	700	N	2.0	N	30	<.2	15	7	N
LA1190	2.0	20	<50	.70	1,000	N	2.0	N	50	<.2	20	10	N
LA1191	1.5	15	<50	.50	300	N	1.5	N	30	<.2	10	7	N
LA1192	2.0	15	<50	1.00	300	N	2.0	N	30	<.2	20	7	N
LA1193	2.0	15	<50	1.00	500	N	2.0	N	30	<.2	30	7	N
LA1194	1.0	10	<50	.50	200	N	1.0	N	10	<.2	<10	N	N
LA1195	1.5	15	<50	.70	300	N	1.5	N	30	<.2	<10	7	N
LA1196	1.5	15	<50	.70	500	N	1.5	N	20	<.2	15	10	N
LA1197	1.5	15	<50	1.00	500	N	2.0	N	30	<.2	15	10	N
LA1198	2.0	15	<50	.70	700	N	1.5	N	30	<.2	10	10	N
LA1199	1.5	10	<50	.50	700	N	1.0	N	20	<.2	10	5	N
LA1200	3.0	20	<20	3.00	5,000	N	2.0	N	100	<.2	15	15	N
LA1201	3.0	20	<20	5.00	3,000	N	2.0	<20	100	<.2	30	15	N
LA1202	5.0	15	<20	2.00	1,000	N	2.0	N	20	<.2	10	7	N
LA1203	5.0	15	50	3.00	1,000	N	1.0	N	70	<.2	20	10	N
LA1205	5.0	20	<20	2.00	2,000	N	2.0	N	50	<.2	15	10	N
LA1206	3.0	15	<20	2.00	1,500	N	2.0	N	50	<.2	10	7	N
LA1207	5.0	20	50	3.00	1,500	N	2.0	N	50	<.2	15	10	N
LA1208	5.0	20	<20	3.00	1,500	N	2.0	N	50	<.2	50	15	N
LA1209	5.0	30	70	3.00	1,500	N	3.0	N	30	.2	15	15	N
LA1210	5.0	15	<20	3.00	1,500	N	1.5	N	100	<.2	10	10	N
LA1211	5.0	20	<20	2.00	1,000	N	2.0	N	30	N	15	10	N
LA1212	5.0	20	50	2.00	1,000	N	2.0	N	30	<.2	70	10	N
LA1213	5.0	20	50	2.00	2,000	N	2.0	N	30	<.2	15	10	N
LA1214	3.0	20	50	3.00	2,000	N	2.0	N	30	<.2	15	10	N
LA1215	5.0	20	50	3.00	2,000	N	3.0	N	30	<.2	15	15	N
LA1216	5.0	10	<20	2.00	1,000	N	1.5	N	50	<.2	10	7	N
LA1217	5.0	15	<20	2.00	1,500	N	2.0	<20	50	<.2	15	15	N
LA1218	5.0	20	<20	2.00	2,000	N	2.0	N	50	<.2	15	10	N
LA1219	5.0	20	<20	2.00	2,000	N	3.0	N	30	<.2	15	10	N
LA1220	3.0	20	<20	2.00	1,500	N	2.0	N	50	<.2	15	10	N
LA1221	5.0	20	<20	3.00	1,000	N	3.0	<20	70	<.2	15	15	N
LA1222	5.0	30	<20	5.00	1,000	N	3.0	<20	50	<.2	20	15	N
LA1223	2.0	15	<20	1.50	1,000	N	2.0	N	20	.2	15	7	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA1178	100	N	.50	100	N	15	<200	150	N	--	N	.2	N	45
LA1179	<100	N	.50	150	N	15	<200	100	N	--	N	.2	N	65
LA1180	100	N	.50	150	N	15	<200	150	N	--	N	.2	N	55
LA1181	150	N	.50	150	N	20	<200	150	<10	--	N	.3	N	50
LA1182	200	N	.50	200	N	30	<200	200	<10	--	N	.4	N	55
LA1183	<100	N	.50	100	N	10	<200	100	N	--	N	.2	N	50
LA1184	<100	N	.50	150	N	10	<200	150	N	--	N	.2	N	45
LA1185	N	N	.50	150	N	20	N	150	10	N	<1	.2	<2	50
LA1186	N	N	.50	100	N	15	N	150	10	N	1	.1	<2	35
LA1187	<100	N	.50	150	N	15	N	150	40	N	<1	.2	<2	50
LA1188	<100	N	.70	100	N	20	N	200	10	N	<1	.2	<2	45
LA1189	N	N	.30	100	N	15	N	200	10	N	<1	.1	<2	45
LA1190	N	N	.30	100	N	20	N	200	10	N	<1	.1	<2	55
LA1191	N	N	.70	100	N	15	N	200	10	N	<1	.1	<2	35
LA1192	N	N	.50	100	N	10	N	150	<10	N	<1	.1	<2	45
LA1193	N	N	.70	100	N	20	N	200	<10	N	<1	.1	<2	45
LA1194	N	N	.70	50	N	20	N	200	<10	N	<1	<.1	<2	25
LA1195	N	N	.50	100	N	20	N	150	<10	N	<1	<.1	<2	35
LA1196	N	N	1.00	70	N	20	N	200	<10	N	<1	<.1	<2	35
LA1197	N	N	.70	100	N	20	N	200	<10	N	<1	<.1	<2	35
LA1198	N	N	.50	100	N	15	N	150	<10	N	<1	<.1	<2	50
LA1199	N	N	1.00	70	N	10	N	200	10	N	<1	.1	<2	40
LA1200	200	N	.50	200	N	20	1,000	70	30	--	N	1.7	<2	500
LA1201	100	N	.50	200	N	20	500	100	30	--	N	1.7	2	400
LA1202	100	N	.20	150	N	15	<200	100	N	--	N	.4	N	70
LA1203	<100	N	.50	100	N	20	200	100	N	--	N	1.5	N	300
LA1205	<100	N	.50	150	N	20	<200	150	N	--	N	.7	N	85
LA1206	<100	N	.70	100	N	15	300	100	N	--	N	2.1	N	400
LA1207	100	N	.70	150	N	20	200	100	50	--	N	.7	4	155
LA1208	100	N	.50	150	N	20	200	100	60	--	N	.9	<2	170
LA1209	300	N	1.00	200	N	30	<200	100	180	--	N	.8	2	100
LA1210	<100	N	.70	100	N	15	300	100	100	--	N	2.4	2	250
LA1211	<100	N	.70	150	N	15	<200	200	10	--	N	.6	<2	80
LA1212	<100	N	.50	200	N	15	200	70	70	--	N	.7	10	145
LA1213	<100	N	.70	150	N	15	<200	200	50	--	N	.4	N	85
LA1214	<100	N	.50	150	N	15	200	100	80	--	N	.5	8	130
LA1215	200	N	1.00	200	N	20	<200	200	N	--	N	.5	N	80
LA1216	N	N	.70	150	N	10	<200	150	N	--	N	.6	N	90
LA1217	<100	N	.50	200	N	20	<200	200	N	--	N	1.2	N	110
LA1218	<100	N	.70	200	N	20	<200	200	20	--	N	.8	2	100
LA1219	100	N	.70	200	N	20	<200	150	20	--	N	.4	2	95
LA1220	N	N	.30	200	N	20	<200	150	N	--	N	.7	N	95
LA1221	200	N	1.00	200	N	30	<200	200	N	--	N	.7	N	90
LA1222	200	N	>1.00	200	N	20	<200	200	20	--	N	.3	2	80
LA1223	200	N	.20	100	N	10	<200	50	60	--	N	.4	8	80

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA1224	65 16 49	149 30 45	N	N	20	500	N	N	.20	15	100	20
LA1225	65 16 43	149 30 56	N	N	30	700	N	N	.10	10	100	20
LA1226	65 18 11	149 27 23	N	N	30	1,000	N	N	1.50	15	150	30
LA1227	65 18 2	149 27 30	N	N	20	2,000	N	N	1.00	10	200	20
LA1228	65 36 33	149 48 31	N	N	10	500	N	N	1.00	15	70	30
LA1229	65 37 9	149 52 31	N	N	10	300	N	N	1.00	15	70	30
LA1230	65 34 32	149 58 34	N	N	20	300	N	N	1.00	10	70	20
LA1231	65 40 51	149 56 52	N	N	10	500	N	N	1.50	15	70	20
LA1233	65 41 4	149 42 27	N	N	50	500	N	N	1.50	15	70	30
LA1234	65 41 21	149 42 35	N	N	15	500	N	N	1.50	15	70	30
LA1235	65 40 38	149 37 15	N	N	20	1,000	N	N	3.00	20	200	30
LA1236	65 38 25	149 34 42	N	N	15	300	N	N	1.00	10	70	20
LA1237	65 33 48	149 33 52	N	N	70	500	N	N	1.50	10	150	15
LA1238	65 31 38	149 28 23	N	N	20	1,000	N	N	1.50	15	150	20
LA1239	65 33 12	149 23 27	N	N	15	1,000	N	N	2.00	15	100	20
LA1240	65 34 59	149 19 59	N	N	100	300	N	N	.30	10	100	15
LA1241	65 31 24	149 15 3	N	N	20	300	N	N	.50	10	50	15
LA1242	65 31 59	149 9 26	N	N	20	1,500	N	N	3.00	15	100	20
LA1243	65 31 6	149 16 56	N	N	50	700	N	N	.50	30	70	20
LA1244	65 31 1	149 16 45	N	N	30	700	N	N	1.00	15	70	20
LA1245	65 29 30	149 19 29	N	N	30	700	N	N	1.00	10	50	15
LA1246	65 29 35	149 19 46	N	N	50	2,000	N	N	2.00	15	100	30
LA1247	65 30 23	149 16 14	N	N	50	1,000	<1.0	N	1.00	10	150	20
LA1248	65 31 50	149 2 13	N	N	30	500	N	N	.20	30	70	20
LA1249	65 33 22	148 59 49	N	N	50	1,000	<1.0	N	.30	<5	100	20
LA1250	65 12 55	149 59 26	N	N	50	1,000	<1.0	N	.30	10	200	30
LA1251	65 12 54	149 59 26	N	N	100	2,000	<1.0	N	.50	20	300	30
LA1252	65 12 52	149 59 28	N	N	50	1,000	<1.0	N	.30	15	100	30
LA1253	65 16 30	148 50 51	N	N	200	1,500	3.0	N	.50	50	100	70
LA1254	65 16 25	148 50 54	N	N	150	1,500	1.0	N	.50	20	100	50
LA1255	65 10 31	148 46 17	N	N	50	1,000	<1.0	N	.30	10	200	20
LA1256	65 7 17	148 46 48	N	N	50	1,000	<1.0	N	.30	20	150	30
LA1257	65 13 57	149 16 28	N	N	50	1,000	<1.0	N	.30	10	150	20
LA1258	65 12 22	149 18 7	N	N	50	1,000	<1.0	N	.30	20	100	30
LA1259	65 12 51	149 25 20	N	N	70	1,500	<1.0	N	.50	15	200	30
LA1260	65 12 51	149 25 35	N	N	50	1,000	<1.0	N	.30	10	150	20
LA1261	65 9 58	149 33 27	N	N	50	1,000	<1.0	N	.30	20	200	20
LA1262	65 7 52	149 35 56	N	N	70	1,000	<1.0	N	.30	20	150	30
LA1263	65 7 48	149 36 1	N	N	50	1,000	<1.0	N	.50	10	150	15
LA1264	65 35 13	149 12 55	N	N	70	1,500	<1.0	N	1.00	15	150	30
LA1265	65 38 28	149 10 6	N	N	50	1,000	<1.0	N	.50	10	100	20
LA1266	65 38 22	149 9 50	N	N	50	2,000	<1.0	N	.50	10	100	30
LA1267	65 39 2	149 9 3	N	N	100	1,500	N	N	1.00	15	100	30
LA1268	65 43 28	149 2 4	N	N	100	2,000	N	N	1.00	15	150	30
LA1269	65 44 1	149 6 28	N	N	70	2,000	N	N	1.00	<5	70	30

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA1224	5.0	10	N	1.00	1,000	N	1.5	N	50	<.2	<10	5	N
LA1225	3.0	15	<20	2.00	500	N	2.0	N	70	<.2	<10	5	N
LA1226	5.0	15	<20	2.00	2,000	N	1.5	N	70	<.2	15	10	N
LA1227	3.0	15	<20	3.00	1,500	N	2.0	N	30	N	10	10	N
LA1228	5.0	15	<20	2.00	1,000	N	2.0	N	20	N	10	7	N
LA1229	5.0	15	<20	2.00	1,000	N	1.5	N	20	<.2	10	7	N
LA1230	5.0	15	<20	2.00	700	N	2.0	N	15	<.2	10	7	N
LA1231	5.0	15	<20	2.00	700	N	2.0	N	30	<.2	15	7	N
LA1233	5.0	15	<20	3.00	1,000	N	2.0	N	30	<.2	10	7	N
LA1234	5.0	15	<20	2.00	500	N	1.5	N	30	N	10	10	N
LA1235	7.0	20	<20	5.00	1,000	N	3.0	N	50	N	15	15	N
LA1236	5.0	15	<20	2.00	1,000	N	2.0	N	30	<.2	<10	7	N
LA1237	5.0	15	<20	2.00	1,000	N	2.0	N	20	<.2	<10	10	N
LA1238	5.0	15	<20	2.00	2,000	N	2.0	N	30	<.2	15	10	N
LA1239	5.0	20	<20	2.00	1,000	N	3.0	N	30	N	15	10	N
LA1240	3.0	15	<20	2.00	700	N	1.5	N	20	<.2	10	5	N
LA1241	2.0	10	N	2.00	1,000	N	2.0	N	15	<.2	<10	5	N
LA1242	5.0	20	<20	5.00	2,000	N	3.0	N	20	<.2	10	10	N
LA1243	5.0	15	<20	2.00	2,000	N	2.0	N	50	<.2	10	7	N
LA1244	5.0	15	<20	2.00	1,500	N	2.0	N	30	<.2	10	10	N
LA1245	5.0	15	<20	1.00	1,000	N	2.0	N	30	N	10	7	N
LA1246	5.0	20	50	2.00	1,500	N	3.0	N	30	<.2	20	15	N
LA1247	2.0	20	<20	1.50	1,000	N	2.0	N	20	.2	15	15	N
LA1248	1.0	15	<20	1.00	1,000	N	2.0	N	20	.2	15	7	N
LA1249	1.5	20	<20	1.00	700	N	2.0	N	15	.2	15	10	N
LA1250	3.0	20	<20	2.00	1,000	N	2.0	N	50	.2	15	15	N
LA1251	3.0	30	<20	2.00	1,500	N	2.0	N	70	.2	30	15	N
LA1252	2.0	15	<20	2.00	700	N	1.5	N	50	.2	10	10	N
LA1253	2.0	30	<20	2.00	3,000	N	1.0	N	70	.2	50	10	N
LA1254	2.0	20	<20	2.00	2,000	N	2.0	N	50	.2	30	7	N
LA1255	2.0	15	<20	2.00	500	N	2.0	N	50	.2	10	7	N
LA1256	3.0	20	<20	2.00	500	N	2.0	N	50	.2	20	15	N
LA1257	2.0	15	<20	1.50	500	N	2.0	N	30	<.2	10	10	N
LA1258	2.0	20	<20	1.50	1,500	N	2.0	N	50	.2	10	10	N
LA1259	2.0	20	<20	1.50	1,500	N	2.0	N	50	<.2	10	15	N
LA1260	2.0	20	<20	1.50	700	N	2.0	N	50	<.2	10	7	N
LA1261	2.0	20	<20	2.00	500	N	2.0	N	50	.2	15	15	N
LA1262	3.0	20	<50	1.50	1,000	N	2.0	N	50	<.2	15	10	N
LA1263	2.0	20	50	2.00	1,000	N	2.0	N	20	<.2	10	10	N
LA1264	2.0	30	50	2.00	1,500	N	3.0	N	20	<.2	20	15	N
LA1265	2.0	20	<20	1.50	500	N	2.0	N	20	.2	10	7	N
LA1266	2.0	30	<20	2.00	1,000	N	3.0	N	20	.2	20	10	N
LA1267	5.0	20	<20	1.50	1,000	N	2.0	N	30	.2	20	15	N
LA1268	7.0	20	50	2.00	1,000	N	2.0	N	30	<.2	20	15	N
LA1269	2.0	20	<20	2.00	1,000	N	2.0	N	15	<.2	20	7	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA1224	N	N	.15	100	N	<10	<200	50	N	--	N	.4	N	75
LA1225	N	N	.20	100	N	<10	<200	70	N	--	N	.3	N	80
LA1226	200	N	.50	150	N	20	<200	200	N	--	N	.8	N	80
LA1227	150	N	.50	150	N	15	200	100	N	--	N	.4	N	75
LA1228	<100	N	.30	100	N	15	<200	150	N	--	N	.5	N	70
LA1229	<100	N	.50	100	N	10	<200	100	N	--	N	.5	N	75
LA1230	<100	N	.30	100	N	20	<200	200	N	--	N	.4	N	70
LA1231	100	N	.50	150	N	15	<200	200	N	--	N	.4	N	75
LA1233	<100	N	.50	150	N	10	200	100	N	--	N	.4	N	100
LA1234	<100	N	.50	150	N	20	<200	100	N	--	N	.7	N	75
LA1235	200	N	.70	200	N	20	<200	200	N	--	N	.4	N	80
LA1236	<100	N	.20	100	N	10	<200	150	N	--	N	.5	N	75
LA1237	<100	N	.50	100	N	30	<200	300	N	--	N	.4	N	60
LA1238	<100	N	.50	150	N	20	<200	100	10	--	N	.5	N	85
LA1239	100	N	.50	150	N	20	<200	150	N	--	N	.5	N	80
LA1240	N	N	.30	100	N	50	<200	100	20	--	N	.5	<2	105
LA1241	N	N	.30	100	N	<10	<200	150	N	--	N	.4	N	75
LA1242	200	N	.50	100	N	15	<200	100	N	--	N	.5	N	75
LA1243	N	N	.50	100	N	10	<200	100	N	--	N	.5	N	100
LA1244	<100	N	.50	100	N	15	<200	100	N	--	N	.5	N	80
LA1245	N	N	.30	100	N	15	N	150	N	--	N	.5	N	75
LA1246	200	N	.50	200	N	30	<200	150	N	--	N	.5	N	75
LA1247	300	N	.50	150	N	20	<200	150	N	--	N	.3	N	60
LA1248	<100	N	.20	100	N	15	N	100	N	--	N	.3	N	55
LA1249	200	N	.50	150	N	20	<200	150	N	--	N	.2	N	65
LA1250	100	N	.20	150	N	20	<200	200	N	--	N	.4	4	85
LA1251	200	N	.50	200	N	20	<200	150	10	--	N	.4	2	105
LA1252	100	N	.20	100	N	10	<200	150	N	--	N	.2	<2	90
LA1253	300	N	.30	150	100	15	200	100	100	--	N	.3	2	135
LA1254	300	N	.30	150	N	15	200	150	60	--	N	.3	<2	120
LA1255	N	N	.30	100	N	10	<200	100	N	--	N	.4	N	65
LA1256	150	N	.30	150	N	20	<200	150	N	--	N	.4	N	70
LA1257	<100	N	.50	150	N	30	<200	150	N	--	N	.3	N	35
LA1258	<100	N	.20	150	N	20	<200	100	N	--	N	.4	N	80
LA1259	200	N	.30	150	N	50	<200	150	N	--	N	.4	N	60
LA1260	100	N	.20	100	N	20	<200	150	N	--	N	.2	N	60
LA1261	200	N	.50	150	N	30	<200	150	N	--	N	.3	N	55
LA1262	100	N	.30	150	N	15	<200	150	N	--	N	.8	N	65
LA1263	200	N	.30	100	N	20	<200	200	N	--	N	.4	N	50
LA1264	300	N	.30	150	N	30	<200	200	N	--	N	.9	N	65
LA1265	200	N	.30	150	N	20	<200	150	N	--	N	.3	N	65
LA1266	200	N	.30	150	N	20	<200	150	N	--	N	.3	N	65
LA1267	150	N	.70	100	N	20	<200	150	N	--	N	.2	N	65
LA1268	200	N	.50	150	N	30	<200	200	N	--	N	.6	N	65
LA1269	100	N	.30	100	N	10	<200	150	N	--	N	.4	N	60

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA1270	65 41 13	149 3 21	N	N	50	1,500	N	N	1.00	20	150	50
LA1271	65 41 2	149 10 22	N	N	70	1,500	N	N	1.00	10	100	20
LA1272	65 41 28	149 14 2	N	N	100	1,000	N	N	.50	15	100	20
LA1273	65 42 37	149 18 37	N	N	50	1,500	N	N	1.00	20	150	50
LA1274	65 43 35	149 26 58	N	N	50	2,000	N	N	1.00	20	150	50
LA1275	65 42 23	149 24 59	N	N	100	1,500	N	N	.70	15	150	30
LA1276	65 36 24	149 20 20	N	N	50	1,500	N	N	1.00	10	100	30
LA1277	65 36 18	149 20 3	N	N	100	2,000	N	N	1.00	10	150	30
LA1278	65 12 53	149 46 28	N	N	20	2,000	N	N	.50	10	200	20
LA1279	65 11 22	149 59 13	N	N	20	1,000	<1.0	N	.30	15	100	30
LA1280	65 13 25	149 51 43	N	N	20	1,500	<1.0	N	1.00	15	150	30
LA1281	65 10 44	149 47 46	N	N	30	1,500	<1.0	N	1.00	20	200	30
LA1282	65 12 57	148 29 48	N	N	20	1,500	<1.0	N	1.00	15	200	30
LA1283	65 11 42	148 9 14	N	N	50	1,000	<1.0	N	.50	15	150	20
LA1284	65 10 4	148 13 7	N	N	50	1,000	<1.0	N	.50	15	100	20
LA1285	65 9 18	148 15 24	N	N	50	1,500	<1.0	N	.50	15	150	30
LA1286	65 7 54	148 17 48	N	N	30	1,000	N	N	.30	15	100	30
LA1287	65 6 48	148 17 42	N	N	30	1,000	N	N	.30	15	100	20
LA1288	65 13 21	147 16 33	N	N	50	200	N	N	.30	30	100	50
LA1289	65 14 35	147 20 8	N	N	100	500	<1.0	N	.30	30	150	20
LA1290	65 14 50	147 7 10	N	N	100	300	N	N	.50	50	100	70
LA1291	65 14 51	147 6 44	N	N	200	300	<1.0	N	.30	30	100	30
LA1292	65 6 20	147 35 15	N	N	200	300	<1.0	N	.50	20	100	30
LA1293	65 6 56	147 43 45	N	N	50	300	<1.0	N	.30	15	70	20
LA1294	65 7 28	147 57 42	N	N	50	300	N	N	.50	15	100	20
LA1295	65 7 26	147 57 31	N	N	50	300	<1.0	N	.50	15	100	20
LA1296	65 8 8	147 55 14	N	N	100	500	<1.0	N	.70	30	150	30
LA1297	65 12 38	147 28 14	N	N	100	300	<1.0	N	.10	10	50	20
LA1298	65 15 23	147 17 42	N	N	150	300	<1.0	N	.10	20	50	20
LA1299	65 3 57	147 55 11	N	N	70	500	N	N	1.00	20	200	20
LA1300	65 53 58	149 26 3	N	N	50	1,000	1.0	N	.50	10	200	30
LA1301	65 52 44	149 59 51	N	N	50	500	1.0	N	.50	30	500	30
LA1302	65 48 56	149 59 27	N	N	50	1,000	<1.0	N	.30	30	200	30
LA1303	65 50 58	149 50 45	.5	N	50	1,000	<1.0	N	.30	30	200	30
LA1304	65 46 13	149 52 29	N	N	50	1,500	<1.0	N	1.00	30	300	50
LA1305	65 46 17	149 55 14	N	N	50	1,000	2.0	N	1.00	20	200	30
LA1306	65 45 24	149 46 9	N	N	30	1,000	<1.0	N	1.00	30	200	50
LA1307	65 45 54	149 43 33	N	N	30	1,000	<1.0	N	1.00	50	300	70
LA1308	65 39 28	149 54 15	N	N	30	1,500	<1.0	N	.70	50	300	70
LA1309	65 40 22	149 55 34	N	N	20	5,000	N	N	1.00	50	1,000	70
LA1311	65 9 59	147 49 8	N	N	50	300	N	N	.10	15	50	20
LA1312	65 9 46	147 47 52	N	N	50	1,000	<1.0	N	.20	20	100	20
LA1313	65 10 32	147 46 22	N	N	50	1,000	<1.0	N	.30	20	100	30
LA1314	65 10 38	147 44 55	N	N	50	300	<1.0	N	.20	15	70	15
LA1315	65 10 32	147 44 48	N	N	50	300	N	N	.20	10	70	10

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct.	Ga-ppm	La-ppm	Mg-pct.	Mn-ppm	Mo-ppm	Na-pct.	Nb-ppm	Ni-ppm	P-pct.	Pb-ppm	Sc-ppm	Sn-ppm
	a	a	a	a	a	a	a	a	a	a	a	a	a
LA1270	5.0	20	50	1.50	1,500	N	2.0	N	50	<.2	20	15	N
LA1271	5.0	20	<20	1.50	1,000	N	3.0	N	30	<.2	20	10	N
LA1272	5.0	20	<20	1.50	700	N	2.0	N	30	<.2	10	10	N
LA1273	5.0	20	<20	2.00	1,000	N	2.0	N	50	<.2	15	15	N
LA1274	5.0	30	<20	2.00	1,500	N	2.0	N	50	<.2	20	15	N
LA1275	5.0	20	50	2.00	1,000	N	2.0	N	50	<.2	20	15	N
LA1276	5.0	20	<20	2.00	1,000	N	2.0	N	50	<.2	20	15	N
LA1277	3.0	20	<20	2.00	1,000	N	3.0	N	30	.2	30	15	N
LA1278	3.0	20	<20	3.00	1,000	N	2.0	N	50	<.2	15	10	N
LA1279	2.0	20	<20	2.00	500	N	1.5	N	70	<.2	20	10	N
LA1280	3.0	20	<20	2.00	1,000	N	3.0	N	50	<.2	30	15	N
LA1281	5.0	20	50	2.00	1,000	N	2.0	N	50	<.2	20	15	N
LA1282	5.0	20	50	3.00	1,000	N	3.0	N	30	<.2	20	15	N
LA1283	5.0	20	50	1.50	500	N	2.0	N	30	<.2	20	10	N
LA1284	5.0	20	<20	1.50	1,000	N	2.0	N	30	<.2	20	10	N
LA1285	5.0	20	70	2.00	1,000	N	3.0	N	30	<.2	30	15	N
LA1286	5.0	20	<20	1.50	700	N	3.0	N	30	.2	30	10	N
LA1287	3.0	15	<20	1.50	700	N	2.0	N	30	<.2	20	10	N
LA1288	5.0	15	<50	1.50	500	N	1.5	N	50	<.2	15	15	N
LA1289	3.0	20	50	1.00	1,000	N	1.5	N	30	<.2	20	10	N
LA1290	7.0	20	<50	1.50	1,500	N	1.5	N	70	<.2	20	15	N
LA1291	5.0	20	<50	1.00	700	N	1.5	N	30	<.2	30	10	N
LA1292	5.0	20	<50	1.00	1,000	N	1.5	<20	30	<.2	15	15	N
LA1293	2.0	15	<50	1.00	300	N	1.5	N	20	N	<10	10	N
LA1294	2.0	20	<50	1.00	300	N	2.0	N	30	<.2	20	10	N
LA1295	2.0	10	<50	1.00	500	N	1.5	N	30	<.2	10	10	N
LA1296	3.0	30	<50	1.50	1,000	N	2.0	N	50	<.2	20	10	N
LA1297	2.0	15	N	.50	300	N	1.0	N	20	<.2	10	5	N
LA1298	3.0	15	50	.50	300	N	1.5	N	20	<.2	15	7	N
LA1299	5.0	15	<50	2.00	1,000	N	2.0	N	30	<.2	<10	10	N
LA1300	5.0	15	N	1.50	1,000	N	2.0	N	20	.5	10	5	N
LA1301	5.0	20	150	3.00	1,000	N	2.0	N	50	.2	20	15	N
LA1302	5.0	20	50	2.00	1,000	N	3.0	N	50	.2	20	15	N
LA1303	5.0	20	20	2.00	1,000	N	3.0	<20	30	.5	20	15	N
LA1304	7.0	20	30	3.00	1,500	N	3.0	N	30	.5	20	15	N
LA1305	5.0	20	<20	2.00	500	N	3.0	N	30	.2	20	10	N
LA1306	7.0	30	50	2.00	1,000	N	3.0	N	50	.2	20	15	N
LA1307	10.0	30	20	3.00	1,000	N	3.0	N	100	.2	30	15	N
LA1308	10.0	20	20	5.00	1,500	N	2.0	N	100	<.2	20	20	N
LA1309	10.0	20	<20	7.00	1,500	N	2.0	N	100	<.2	15	20	N
LA1311	3.0	10	<50	.70	300	N	1.0	N	30	<.2	10	7	N
LA1312	3.0	30	<50	1.00	300	N	2.0	N	50	<.2	20	10	N
LA1313	3.0	20	<50	1.00	500	N	2.0	N	50	<.2	10	10	N
LA1314	2.0	10	<50	.70	300	N	1.5	N	20	<.2	<10	7	N
LA1315	2.0	15	N	1.00	300	N	1.5	N	15	<.2	<10	7	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA1270	200	N	.50	150	N	30	<200	200	N	--	N	.3	N	85
LA1271	200	N	.50	150	N	20	<200	200	N	--	N	.2	N	55
LA1272	100	N	.30	150	N	15	<200	150	N	--	N	.4	N	70
LA1273	200	N	.30	200	N	30	<200	150	N	--	N	.4	N	80
LA1274	200	N	.30	200	N	20	200	150	N	--	N	.4	N	80
LA1275	100	N	.50	200	N	20	<200	150	N	--	N	.4	N	85
LA1276	150	N	.50	200	N	20	<200	200	20	--	N	.4	4	95
LA1277	200	N	.50	200	N	30	<200	150	N	--	N	.4	N	60
LA1278	<100	N	.50	150	N	20	<200	100	20	--	N	.3	4	100
LA1279	N	N	.50	150	N	20	N	100	N	--	N	.6	N	65
LA1280	300	N	.50	150	N	30	<200	150	N	--	N	.2	N	80
LA1281	200	N	.50	150	N	30	<200	200	N	--	N	.2	N	65
LA1282	200	N	.70	150	N	20	N	200	N	--	N	.2	N	55
LA1283	100	N	.50	100	N	20	<200	200	N	--	N	.2	N	40
LA1284	<100	N	.30	100	N	15	<200	150	N	--	N	.2	N	50
LA1285	200	N	.50	100	N	30	<200	150	N	--	N	.2	N	50
LA1286	100	N	.50	100	N	15	N	150	N	--	N	.2	N	45
LA1287	<100	N	.50	100	N	10	<200	100	N	--	N	.2	N	45
LA1288	N	N	1.00	200	N	20	N	200	<10	N	<1	<.1	<2	55
LA1289	N	N	.70	150	N	20	N	150	10	N	<1	.3	<2	60
LA1290	N	N	.70	200	N	30	N	150	10	N	<1	.4	<2	65
LA1291	N	N	.70	150	N	20	N	200	20	N	<1	.1	<2	50
LA1292	N	N	1.00	150	N	30	N	500	<10	N	1	<.1	<2	40
LA1293	N	N	.50	150	N	10	N	200	10	N	<1	<.1	<2	30
LA1294	N	N	.50	150	N	10	N	200	10	N	1	<.1	<2	40
LA1295	N	N	.50	150	N	15	N	200	<10	N	<1	.1	<2	50
LA1296	<100	N	.50	150	N	20	N	200	20	N	1	.2	<2	60
LA1297	N	N	.50	100	N	15	N	200	10	N	1	<.1	<2	45
LA1298	N	N	1.00	100	N	15	N	300	<10	N	<1	.2	<2	45
LA1299	<100	N	.70	200	N	20	N	300	10	N	<1	<.1	<2	45
LA1300	100	N	.20	100	N	10	N	70	10	--	N	.3	N	75
LA1301	<100	100	1.00	150	N	50	<200	200	N	--	N	.3	N	80
LA1302	200	N	.50	150	N	20	N	200	<10	--	N	.3	N	70
LA1303	200	N	.30	150	N	30	N	200	<10	--	N	.3	N	70
LA1304	300	N	1.00	150	N	30	<200	300	10	--	N	.4	N	75
LA1305	200	N	.50	150	N	20	N	200	N	--	N	.4	N	70
LA1306	200	N	.50	150	N	30	<200	200	<10	--	N	.4	N	75
LA1307	200	N	1.00	150	N	20	<200	200	<10	--	N	.3	N	70
LA1308	200	N	1.00	150	N	30	<200	200	N	--	N	.4	N	95
LA1309	100	200	>1.00	300	N	20	<200	150	<10	--	N	.4	N	90
LA1311	N	N	.50	100	N	10	N	150	<10	N	1	.1	<2	40
LA1312	100	N	.30	150	N	20	N	150	<10	N	<1	.2	<2	55
LA1313	N	N	.50	150	N	20	N	150	<10	N	<1	.2	<2	50
LA1314	N	N	.50	70	N	10	N	150	<10	N	<1	<.1	<2	35
LA1315	N	N	.50	70	N	15	N	150	<10	N	1	<.1	<2	30

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA1316	65 12 36	147 39 10	N	N	50	500	<1.0	N	.20	10	70	10
LA1317	65 12 26	147 39 7	N	N	50	500	N	N	.20	10	50	15
LA1318	65 9 11	147 29 50	N	N	70	500	<1.0	N	.30	20	100	20
LA1319	65 9 16	147 29 39	N	N	50	500	<1.0	N	.30	20	70	30
LA1320	65 9 19	147 28 58	N	N	70	500	<1.0	N	.30	20	70	30
LA1321	65 11 39	147 26 0	N	N	100	500	<1.0	N	.20	20	70	30
LA1322	65 11 40	147 25 35	N	N	100	300	N	N	.20	20	50	30
LA1323	65 12 27	147 19 0	N	N	100	300	N	N	.30	30	70	50
LA1324	65 12 17	147 18 59	N	N	100	300	N	N	.07	30	50	30
LA1325	65 15 41	147 10 39	N	N	100	300	<1.0	N	.05	20	50	20
LA1326	65 15 24	147 1 25	N	N	50	300	<1.0	N	.15	20	70	50
LA1327	65 15 26	147 1 37	N	N	200	300	<1.0	N	.07	15	50	20
LA1328	65 6 10	147 40 42	N	N	100	300	N	N	.20	15	70	30
LA1329	65 6 54	147 43 34	N	N	50	200	N	N	.10	15	70	15
LA1330	65 7 52	147 52 20	2.0	N	50	700	<1.0	N	.20	20	70	20
LA1331	65 7 46	147 52 30	N	N	50	300	N	N	.20	30	70	30
LA1332	65 15 32	147 16 53	N	N	100	300	<1.0	N	.10	15	70	20
LA1333	65 15 26	147 14 44	N	N	100	500	<1.0	N	.10	20	100	30
LA1334	65 4 14	147 49 23	N	N	50	200	N	N	.15	15	50	20
LA1335	65 5 50	147 47 25	N	N	50	500	<1.0	N	.20	15	70	30
LA1336	65 14 42	148 8 29	N	N	50	500	<1.0	N	.20	20	70	30
LA1337	65 19 49	148 1 54	N	N	70	500	<1.0	N	.20	15	70	20
LA1338	65 19 48	148 2 6	N	N	100	1,000	1.0	N	.20	20	100	30
LA1339	65 22 32	148 5 46	N	N	100	300	N	N	.20	20	70	30
LA1340	65 23 38	148 21 24	N	N	100	300	N	N	.20	15	50	20
LA1341	65 25 45	148 23 37	N	N	100	500	<1.0	N	.30	20	100	30
LA1342	65 18 12	148 26 25	N	N	100	500	<1.0	N	.30	15	100	20
LA1343	65 19 1	148 31 49	N	N	100	500	N	N	.20	15	50	20
LA1344	65 16 54	148 57 33	N	N	150	700	2.0	N	.50	15	70	30
LA1345	65 23 10	148 36 15	N	N	150	500	N	N	.20	20	70	30
LA1346	65 26 26	148 35 7	N	N	200	500	<1.0	N	.20	30	70	100
LA1347	65 30 43	148 51 19	N	N	50	500	<1.0	N	.20	20	50	30
LA1348	65 34 44	148 36 8	N	N	50	700	<1.0	N	.20	20	70	30
LA1349	65 39 37	148 36 26	N	N	50	700	N	N	.20	20	100	20
LA1350	65 42 48	148 31 57	N	N	100	700	<1.0	N	.30	20	100	20
LA1351	65 36 46	148 53 58	N	N	100	500	<1.0	N	.10	20	100	20
LA1352	65 34 48	148 51 6	N	N	100	700	<1.0	N	.20	20	150	30
LA1353	65 40 50	148 3 1	N	N	100	700	<1.0	N	.20	15	150	30
LA1354	65 37 44	148 10 24	N	N	100	500	N	N	.15	15	150	30
LA1355	65 33 49	148 6 47	N	N	100	700	N	N	.20	20	70	30
LA1356	65 30 7	148 15 53	N	N	70	500	<1.0	N	.20	30	500	30
LA1357	65 35 0	148 21 40	N	N	100	700	<1.0	N	.20	30	70	20
LA1363	65 28 10	149 58 52	N	N	100	700	N	N	3.00	30	100	70
LA1364	65 6 30	147 44 40	N	N	70	500	<1.0	N	2.00	15	70	20
LA1365	65 16 6	148 6 46	N	N	100	700	<1.0	N	.20	20	100	30

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Nf-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA1316	2.0	15	<50	.70	300	N	1.0	N	15	<.2	10	7	N
LA1317	2.0	15	<50	.50	500	N	1.0	N	15	<.2	10	7	N
LA1318	3.0	15	<50	.70	500	N	1.5	N	50	<.2	10	10	N
LA1319	3.0	15	<50	1.00	500	N	1.5	N	50	<.2	10	10	N
LA1320	3.0	15	<50	1.00	500	N	1.5	N	50	N	10	10	N
LA1321	2.0	10	<50	.70	500	N	1.0	N	50	N	<10	7	N
LA1322	3.0	15	<50	.70	500	N	1.0	N	50	<.2	10	10	N
LA1323	5.0	20	<50	1.00	500	N	1.5	N	70	N	10	15	N
LA1324	3.0	15	<50	1.50	700	N	1.5	N	50	<.2	10	10	N
LA1325	3.0	15	<50	.70	300	N	1.5	N	30	<.2	15	7	N
LA1326	3.0	20	<50	1.50	500	N	1.5	N	50	<.2	15	10	N
LA1327	3.0	20	<50	1.00	300	N	1.5	N	50	<.2	15	10	N
LA1328	3.0	15	<50	1.00	500	N	1.5	N	30	<.2	10	7	N
LA1329	3.0	10	<50	1.00	500	N	1.5	N	30	N	<10	7	N
LA1330	3.0	15	<50	1.00	500	N	1.5	N	30	<.2	15	7	N
LA1331	7.0	15	N	1.50	1,000	N	2.0	N	30	N	15	7	N
LA1332	5.0	15	<50	1.00	300	N	1.5	N	30	N	15	7	N
LA1333	3.0	20	50	1.00	500	N	2.0	N	50	<.2	30	10	N
LA1334	3.0	10	N	.70	700	N	1.0	N	20	<.2	10	10	N
LA1335	3.0	15	<50	1.00	700	N	2.0	N	30	N	10	10	N
LA1336	3.0	15	<50	1.00	1,000	N	2.0	N	50	<.2	10	10	N
LA1337	2.0	15	<50	1.00	500	N	2.0	N	30	<.2	10	10	N
LA1338	2.0	20	<50	1.50	1,000	N	1.5	N	70	<.2	10	10	N
LA1339	3.0	15	<50	1.00	500	N	1.5	N	50	<.2	10	10	N
LA1340	2.0	15	<50	1.00	300	N	2.0	N	30	<.2	10	7	N
LA1341	3.0	15	<50	1.50	1,000	N	2.0	N	50	<.2	<10	10	N
LA1342	2.0	15	<50	1.50	1,000	N	2.0	N	50	<.2	<10	10	N
LA1343	2.0	10	<50	1.00	1,500	N	1.5	N	50	<.2	10	7	N
LA1344	3.0	20	50	1.50	1,500	N	2.0	N	20	.2	15	10	N
LA1345	3.0	20	<50	1.50	1,000	N	2.0	N	50	<.2	50	10	N
LA1346	2.0	15	<50	1.00	2,000	N	2.0	N	50	<.2	20	10	N
LA1347	2.0	15	N	.50	700	N	2.0	N	30	<.2	15	10	N
LA1348	2.0	15	<50	1.00	500	N	2.0	N	30	<.2	15	10	N
LA1349	2.0	15	<50	1.00	700	N	2.0	N	30	<.2	10	10	N
LA1350	2.0	15	<50	1.00	1,000	N	2.0	N	20	<.2	10	10	N
LA1351	2.0	15	<50	1.00	1,000	N	1.5	N	30	.2	15	7	N
LA1352	3.0	20	<50	1.50	1,000	N	2.0	N	50	.2	20	10	N
LA1353	3.0	15	<50	1.50	300	N	2.0	N	50	<.2	10	10	N
LA1354	3.0	20	<50	1.50	500	N	2.0	N	50	<.2	20	7	N
LA1355	3.0	15	<50	1.00	500	N	1.5	N	50	.2	10	7	N
LA1356	3.0	15	<50	2.00	700	N	1.5	N	200	<.2	10	7	N
LA1357	5.0	15	<50	1.00	1,500	N	2.0	N	20	<.2	15	7	N
LA1363	3.0	15	<50	2.00	500	N	1.0	N	70	<.2	20	10	N
LA1364	3.0	15	<50	1.00	200	N	1.5	N	30	<.2	15	7	N
LA1365	3.0	20	<50	1.00	500	N	1.5	N	30	<.2	30	10	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA1316	N	N	.50	100	N	20	N	200	<10	N	<1	.1	<2	30
LA1317	N	N	.50	100	N	15	N	200	<10	N	1	.1	<2	35
LA1318	N	N	.70	150	N	20	N	150	<10	N	<1	<.1	<2	45
LA1319	N	N	.20	100	N	15	N	200	<10	N	1	.1	<2	45
LA1320	N	N	.70	100	N	10	N	200	<10	N	<1	.1	<2	45
LA1321	N	N	.50	100	N	20	N	200	<10	N	<1	.1	<2	50
LA1322	N	N	.50	100	N	20	N	200	<10	N	<1	<.1	<2	45
LA1323	N	N	.50	150	N	20	N	200	<10	N	<1	.1	<2	70
LA1324	N	N	.70	100	N	20	N	200	<10	N	<1	<.1	<2	60
LA1325	N	N	1.00	100	N	30	N	200	<10	N	1	.1	<2	50
LA1326	N	N	.50	150	N	15	N	150	10	N	1	.1	<2	50
LA1327	N	N	1.00	100	N	10	N	150	20	N	<1	.3	<2	45
LA1328	N	N	.50	100	N	10	N	200	<10	N	1	.1	<2	50
LA1329	N	N	.70	100	N	<10	N	200	<10	N	1	<.1	<2	40
LA1330	N	N	.20	100	N	10	N	150	20	N	1	.2	<2	65
LA1331	N	N	.50	100	N	15	N	200	<10	N	1	.2	<2	55
LA1332	N	N	1.00	100	N	15	N	200	<10	N	<1	.1	<2	50
LA1333	N	N	.70	100	N	20	N	200	<10	N	<1	.1	<2	50
LA1334	N	N	.20	100	N	15	N	200	10	N	<1	.1	<2	40
LA1335	N	N	.20	150	N	10	N	100	10	N	<1	.2	<2	60
LA1336	N	N	.70	100	N	20	N	200	<10	N	<1	.2	<2	55
LA1337	N	N	.50	150	N	20	N	150	10	N	<1	.3	<2	55
LA1338	N	N	.50	150	N	20	N	100	<10	N	<1	.4	<2	75
LA1339	N	N	.50	150	N	20	N	100	10	N	<1	.3	<2	70
LA1340	N	N	.30	100	N	20	N	100	10	N	<1	.2	<2	50
LA1341	N	N	.30	100	N	20	N	100	<10	N	<1	.2	<2	50
LA1342	<100	N	.50	100	N	15	N	100	<10	N	<1	.2	<2	50
LA1343	N	N	.20	100	N	15	N	100	20	N	<1	.7	<2	80
LA1344	200	N	.70	100	N	30	N	300	10	N	1	.3	<2	50
LA1345	N	N	.70	150	N	30	N	150	10	N	<1	.8	<2	110
LA1346	N	N	.30	100	N	15	N	100	70	N	<1	.6	<2	75
LA1347	N	N	.20	100	N	15	N	150	<10	N	<1	.4	<2	65
LA1348	N	N	.30	150	N	20	N	150	20	N	<1	.3	<2	60
LA1349	<100	N	.50	150	N	20	N	200	10	N	<1	.3	<2	65
LA1350	<100	N	.30	150	N	20	N	150	<10	N	<1	.3	<2	60
LA1351	N	N	.30	100	N	10	N	150	10	N	<1	.4	<2	75
LA1352	150	N	.50	100	N	20	N	150	<10	N	<1	.2	<2	75
LA1353	<100	N	.50	100	N	20	N	200	<10	N	<1	.2	<2	55
LA1354	N	N	.50	100	N	15	N	150	20	N	<1	.3	<2	65
LA1355	N	N	.50	100	N	15	N	150	10	N	<1	.3	<2	60
LA1356	N	N	.30	100	N	15	N	150	20	N	<1	.5	<2	85
LA1357	<100	N	.50	100	N	20	N	150	10	N	<1	.2	<2	60
LA1363	N	N	.20	100	N	10	N	100	20	N	<1	.5	<2	130
LA1364	N	N	.20	100	N	15	N	150	20	N	1	.1	<2	40
LA1365	N	N	.30	100	N	15	N	200	20	N	<1	.2	<2	50

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA1366	65 15 24	148 7 4	N	N	100	500	<1.0	N	.15	20	100	30
LA1367	65 17 5	148 8 3	N	N	100	500	<1.0	N	.20	20	50	20
LA1368	65 17 10	148 8 12	N	N	200	1,500	<1.0	N	.30	20	100	50
LA1369	65 16 31	148 6 54	N	N	100	500	<1.0	N	.20	20	70	30
LA1370	65 20 44	148 17 38	N	N	100	500	1.0	N	.20	20	70	20
LA1371	65 25 55	148 14 40	N	N	100	700	<1.0	N	.30	15	100	30
LA1372	65 28 42	148 20 30	N	N	200	500	<1.0	N	.20	30	500	30
LA1373	65 29 29	148 28 16	.5	N	200	700	N	N	.20	50	1,000	30
LA1374	65 31 0	148 47 52	N	N	150	700	N	N	.20	15	70	30
LA1400	65 45 15	149 46 1	N	N	30	1,500	N	N	2.00	30	500	50
LA1401	65 46 6	149 43 33	N	N	30	1,000	<1.0	N	.50	15	100	30
LA1402	65 39 31	149 53 55	N	N	50	1,500	<1.0	N	.50	15	100	30
LA1403	65 40 32	149 55 21	N	N	50	1,500	N	N	.50	10	150	30
LA1404	65 9 15	147 51 16	N	N	50	1,000	<1.0	N	.30	10	100	20
LA1405	65 9 39	147 54 44	N	N	50	1,000	<1.0	N	.30	15	100	30
LA1406	65 33 50	149 34 19	N	N	50	1,000	N	N	.50	<10	70	30
LA1407	65 31 44	149 28 33	N	N	100	1,500	N	N	.30	20	150	50
LA1408	65 32 12	149 24 56	N	N	50	5,000	N	N	1.50	20	200	50
LA1409	65 34 57	149 19 46	N	N	50	2,000	N	N	1.00	15	70	50
LA1410	65 32 4	149 16 32	N	N	50	2,000	N	N	1.50	10	200	30
LA1411	65 31 28	149 12 43	N	N	50	1,500	N	N	1.00	20	70	30
LA1412	65 31 17	149 12 47	N	N	50	2,000	<1.0	N	1.50	20	200	30
LA1413	65 31 26	149 16 39	N	N	70	1,000	N	N	.50	10	50	20
LA1414	65 29 32	149 23 19	N	N	50	1,500	N	N	.50	20	100	30
LA1415	65 30 42	149 1 48	N	N	50	2,000	<1.0	N	.50	20	100	30
LA1416	65 33 17	148 59 30	N	N	50	1,500	N	N	.50	20	100	30
LA1417	65 13 29	149 58 41	N	N	70	1,500	<1.0	N	.30	15	150	50
LA1418	65 14 11	149 58 1	N	N	50	1,500	N	N	.30	15	100	30
LA1419	65 15 2	149 56 52	N	N	50	2,000	1.0	N	2.00	20	300	30
LA1420	65 16 48	149 53 37	N	N	50	1,000	N	N	.20	20	200	30
LA1421	65 16 3	149 51 38	N	N	50	2,000	<1.0	N	.50	20	200	50
LA1422	65 19 26	148 58 34	N	N	50	1,000	<1.0	N	.50	20	100	30
LA1423	65 17 0	149 0 33	N	N	50	1,500	<1.0	N	.50	15	100	20
LA1424	65 13 48	149 5 43	N	N	30	1,000	N	N	.30	15	70	30
LA1425	65 35 1	149 12 49	N	N	50	1,000	N	N	.30	15	100	30
LA1426	65 35 40	149 11 20	N	N	50	2,000	N	N	1.00	15	200	30
LA1427	65 35 41	149 10 57	N	N	50	1,000	N	N	.30	10	100	30
LA1428	65 39 6	149 8 46	N	N	50	2,000	N	N	.50	10	150	30
LA1429	65 43 4	149 2 9	N	N	50	1,500	N	N	.30	10	100	30
LA1430	65 44 15	149 6 47	N	N	20	1,000	N	N	.50	20	100	50
LA1431	65 41 23	149 4 36	N	N	20	1,000	N	N	.50	20	150	30
LA1432	65 40 58	149 10 12	N	N	20	1,000	N	N	.50	20	100	50
LA1433	65 39 44	149 12 26	N	N	10	1,500	N	N	.50	15	150	20
LA1434	65 43 16	149 12 33	N	N	10	1,500	N	N	.50	20	150	50
LA1435	65 43 53	149 20 6	N	N	10	2,000	N	N	2.00	30	200	50

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA1366	3.0	20	<50	.70	500	N	1.5	N	30	<.2	20	10	N
LA1367	3.0	10	<50	.70	300	N	1.0	N	30	<.2	10	7	N
LA1368	3.0	20	<50	1.00	1,000	N	2.0	N	50	<.2	30	10	N
LA1369	3.0	20	<50	1.00	500	N	2.0	N	30	<.2	20	10	N
LA1370	3.0	15	70	.70	500	N	2.0	N	30	<.2	15	10	N
LA1371	3.0	15	<50	1.00	500	N	2.0	N	20	<.2	15	10	N
LA1372	3.0	20	<50	1.50	700	N	2.0	N	50	<.2	20	15	N
LA1373	3.0	20	<50	5.00	500	N	2.0	N	200	N	15	15	N
LA1374	3.0	15	<50	1.50	500	N	2.0	N	20	<.2	15	7	N
LA1400	7.0	20	<50	3.00	1,500	N	3.0	N	70	<.2	20	20	N
LA1401	5.0	20	<50	2.00	1,000	N	2.0	N	30	.2	20	10	N
LA1402	7.0	20	<50	2.00	1,000	N	2.0	N	30	<.2	20	10	N
LA1403	5.0	20	<50	2.00	1,500	N	2.0	N	30	<.2	20	10	N
LA1404	5.0	20	<50	1.00	700	N	2.0	N	20	<.2	20	7	N
LA1405	5.0	20	<50	1.50	1,000	N	2.0	N	20	<.2	20	10	N
LA1406	3.0	20	<50	1.50	1,000	N	2.0	N	20	<.2	15	7	N
LA1407	7.0	30	50	1.50	1,000	N	2.0	N	50	<.2	30	10	N
LA1408	5.0	30	<50	2.00	1,500	N	3.0	N	30	<.2	20	15	N
LA1409	5.0	20	<50	2.00	1,500	N	3.0	N	20	<.2	10	10	N
LA1410	5.0	20	<50	2.00	1,000	N	3.0	N	20	<.2	20	15	N
LA1411	7.0	20	50	2.00	1,500	N	2.0	N	30	<.2	15	7	N
LA1412	5.0	30	<50	2.00	1,500	N	3.0	N	30	<.2	20	10	N
LA1413	3.0	15	<50	1.50	700	N	2.0	N	10	<.2	10	5	N
LA1414	5.0	20	<50	1.50	1,500	N	2.0	N	50	<.2	20	10	N
LA1415	5.0	20	<50	2.00	1,500	N	2.0	N	15	<.2	20	10	N
LA1416	5.0	20	<50	2.00	1,000	N	2.0	N	30	<.2	15	10	N
LA1417	5.0	20	<50	3.00	1,000	N	2.0	N	50	<.2	15	10	N
LA1418	5.0	20	<50	2.00	1,000	N	2.0	N	50	<.2	15	7	N
LA1419	7.0	30	100	5.00	2,000	N	3.0	N	50	<.2	50	30	N
LA1420	7.0	20	<50	2.00	1,000	N	2.0	N	70	.2	30	20	N
LA1421	5.0	20	50	2.00	3,000	N	2.0	N	50	<.2	20	20	N
LA1422	7.0	20	<50	2.00	1,500	N	2.0	N	30	<.2	20	15	N
LA1423	7.0	20	<50	2.00	1,000	N	2.0	N	20	<.2	20	15	N
LA1424	5.0	15	N	2.00	700	N	1.5	N	20	<.2	10	10	N
LA1425	3.0	20	N	2.00	700	N	2.0	N	30	<.2	10	10	N
LA1426	5.0	20	50	3.00	1,000	N	3.0	N	30	<.2	15	15	N
LA1427	5.0	15	<50	2.00	500	N	2.0	N	30	<.2	15	7	N
LA1428	5.0	20	<50	2.00	1,000	N	3.0	N	20	<.2	20	10	N
LA1429	5.0	20	<50	2.00	1,000	N	2.0	N	20	<.2	20	7	N
LA1430	5.0	20	<50	2.00	1,000	N	2.0	N	30	<.2	15	10	N
LA1431	5.0	20	<50	2.00	1,000	N	3.0	N	30	<.2	10	10	N
LA1432	5.0	20	<50	2.00	1,000	N	2.0	N	50	N	10	10	N
LA1433	5.0	20	<50	2.00	700	N	3.0	N	30	N	10	10	N
LA1434	5.0	15	<50	3.00	2,000	N	2.0	N	50	N	10	10	N
LA1435	7.0	15	<50	3.00	3,000	N	3.0	N	70	N	15	15	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA1366	N	N	.30	100	N	15	N	150	20	N	<1	.3	<2	50
LA1367	N	N	.20	100	N	15	N	150	10	N	<1	.5	<2	65
LA1368	100	N	.50	150	N	20	N	200	20	N	<1	.9	<2	100
LA1369	N	N	.50	100	N	20	N	200	<10	N	<1	.1	<2	50
LA1370	N	N	.50	100	N	20	N	150	<10	N	<1	.2	<2	60
LA1371	100	N	.50	100	N	20	N	150	10	N	<1	.2	<2	55
LA1372	N	N	.50	150	N	30	N	150	20	N	<1	.3	<2	100
LA1373	N	N	.50	150	N	20	N	100	60	.25	<1	.2	4	75
LA1374	N	N	.50	150	N	20	N	200	10	N	<1	.3	<2	65
LA1400	300	N	1.00	300	N	30	<200	150	N	--	N	.5	N	85
LA1401	150	N	.30	100	N	20	<200	100	N	--	N	.3	N	70
LA1402	150	N	.50	200	N	20	<200	150	N	--	N	.3	N	80
LA1403	100	N	.50	150	N	20	<200	200	N	--	N	.5	N	75
LA1404	N	N	.50	100	N	10	<200	100	N	--	N	.2	N	40
LA1405	N	N	.50	150	N	20	<200	150	N	--	N	.2	N	55
LA1406	<100	N	.30	100	N	15	<200	150	N	--	N	.4	N	70
LA1407	N	N	.50	200	N	20	<200	100	20	--	N	.6	4	130
LA1408	300	N	.70	200	N	30	<200	200	N	--	N	.5	N	90
LA1409	200	N	.50	150	N	20	<200	100	N	--	N	.5	N	80
LA1410	200	N	.70	200	N	30	<200	200	N	--	N	.4	N	80
LA1411	N	N	.50	200	N	20	<200	200	N	--	N	.5	N	85
LA1412	200	N	.70	200	N	30	<200	200	N	--	N	.5	N	75
LA1413	100	N	.20	100	N	10	<200	100	N	--	N	.6	N	100
LA1414	100	N	.50	150	N	20	<200	200	N	--	N	.6	N	85
LA1415	100	N	.50	200	N	20	<200	150	N	--	N	.4	N	65
LA1416	150	N	.50	200	N	20	<200	200	N	--	N	.4	N	75
LA1417	N	N	.30	200	N	10	<200	100	10	--	N	.4	<2	100
LA1418	<100	N	.20	150	N	<10	<200	50	N	--	N	.4	N	80
LA1419	500	N	.50	200	N	20	<200	200	10	--	N	.4	N	80
LA1420	N	N	.50	150	N	15	200	150	N	--	N	1.2	N	145
LA1421	<100	N	.50	200	N	20	300	200	N	--	N	3.5	N	300
LA1422	<100	N	1.00	150	N	15	<200	200	N	--	N	.5	N	75
LA1423	100	N	.50	150	N	15	<200	150	N	--	N	.3	N	65
LA1424	N	N	.20	150	N	10	<200	50	N	--	N	.6	N	80
LA1425	<100	N	.30	100	N	15	N	150	N	--	N	.5	N	70
LA1426	200	N	1.00	200	N	20	<200	200	N	--	N	.4	N	70
LA1427	<100	N	.20	100	N	15	<200	100	N	--	N	.5	6	65
LA1428	150	N	.50	150	N	15	<200	150	N	--	N	.4	N	65
LA1429	100	N	.30	150	N	10	<200	100	N	--	N	.4	N	65
LA1430	<100	N	.50	150	N	20	<200	150	N	--	N	.4	N	70
LA1431	100	N	1.00	200	N	20	<200	200	N	--	N	.4	N	65
LA1432	<100	N	.70	200	N	20	<200	200	N	--	N	.4	N	70
LA1433	200	N	>1.00	200	N	20	<200	200	N	--	N	.2	N	60
LA1434	100	N	1.00	200	N	20	<200	200	N	--	N	.4	N	85
LA1435	200	N	1.00	200	N	30	<200	200	N	--	N	.5	N	95

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA1436	65 43 50	149 26 45	N	N	10	1,000	N	N	.70	15	100	30
LA1437	65 43 50	149 27 59	N	N	10	1,000	N	N	1.00	20	100	30
LA1438	65 37 57	149 21 15	N	N	10	1,000	N	N	.50	15	100	50
LA1439	65 37 49	149 20 52	N	N	50	1,500	N	N	1.00	20	150	50
LA1440	65 9 49	149 42 33	N	N	<10	700	N	N	.30	20	100	30
LA1441	65 6 39	149 43 59	N	N	20	1,500	N	N	1.50	20	200	30
LA1442	65 4 40	149 53 25	N	N	<10	1,500	N	N	.50	20	100	50
LA1443	65 3 24	149 58 31	N	N	30	2,000	N	N	1.00	15	150	50
LA1444	65 3 29	149 58 19	N	N	20	2,000	N	N	2.00	15	300	50
LA1445	65 1 50	149 54 56	N	N	10	1,000	N	N	1.00	15	100	20
LA1446	65 2 22	149 40 52	N	N	50	2,000	N	N	1.00	15	200	50
LA1447	65 4 51	149 36 12	N	N	<10	300	N	N	.70	10	200	20
LA1448	65 5 42	149 31 57	N	N	10	1,000	N	N	1.50	15	150	50
LA1449	65 17 5	149 20 49	N	N	10	500	N	N	.30	15	100	20
LA1450	65 12 2	149 40 9	N	N	<10	1,000	N	N	.50	15	200	20
LA1451	65 8 32	149 50 40	N	N	10	1,000	N	N	.50	20	200	30
LA1452	65 8 45	149 52 37	N	N	<10	1,000	N	N	.50	15	150	30
LA1453	65 6 0	148 21 52	N	N	<10	1,000	N	N	1.00	20	100	30
LA1454	65 4 30	148 28 24	N	N	<10	1,000	N	N	1.50	20	200	50
LA1455	65 1 24	148 25 23	N	N	<10	700	N	N	1.00	20	150	20
LA1456	65 2 13	148 14 26	N	N	<10	300	N	N	.50	10	70	15
LA1457	65 2 18	148 9 43	N	N	<10	1,000	N	N	2.00	20	150	20
LA1458	65 2 0	148 5 24	N	N	<10	1,000	N	N	2.00	20	200	30
LA1459	65 7 13	148 1 4	N	N	30	300	N	N	.30	<10	50	10
LA1460	65 6 18	148 7 36	N	N	<10	700	N	N	1.00	15	150	20
LA1461	65 6 48	148 10 24	N	N	10	500	N	N	1.00	10	100	15
LA1462	65 0 54	148 30 16	N	N	50	300	<1.0	N	.50	20	100	10
LA1463	65 14 50	148 9 46	N	N	50	500	<1.0	N	.50	20	70	20
LA1464	65 19 38	148 1 43	N	N	50	500	<1.0	N	.30	30	70	20
LA1465	65 21 12	148 26 42	N	N	50	500	<1.0	N	.50	20	100	30
LA1466	65 21 13	148 26 18	N	N	50	500	<1.0	N	.50	15	100	20
LA1467	65 24 9	148 28 25	N	N	50	500	N	N	.30	30	150	30
LA1468	65 16 52	148 31 1	N	N	50	700	N	N	1.00	20	150	30
LA1469	65 17 2	148 57 32	N	N	50	500	N	N	.50	20	100	30
LA1470	65 20 36	148 47 38	N	N	50	700	<1.0	N	1.00	20	150	30
LA1471	65 28 11	148 31 26	N	N	50	300	<1.0	N	.20	10	100	200
LA1472	65 29 35	148 49 46	N	N	50	1,000	<1.0	N	.70	20	100	30
LA1473	65 35 56	148 36 2	N	N	50	500	<1.0	N	.50	20	100	20
LA1474	65 36 2	148 40 56	N	N	100	700	N	N	.70	30	100	30
LA1475	65 39 43	148 35 53	N	N	50	300	N	N	.50	20	50	20
LA1476	65 41 38	148 46 16	N	N	50	500	N	N	.70	20	50	30
LA1477	65 40 57	148 49 34	N	N	70	500	<1.0	N	.70	20	150	50
LA1478	65 34 44	148 51 22	N	N	50	500	<1.0	N	.70	20	70	20
LA1480	65 37 39	148 10 38	N	N	50	500	<1.0	N	.50	30	100	20
LA1481	65 32 58	148 7 29	N	N	50	500	<1.0	N	.70	20	100	20

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct. s	Ga-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s	P-pct. s	Pb-ppm s	Sc-ppm s	Sn-ppm s
LA1436	5.0	15	<50	2.00	1,000	N	2.0	N	30	N	10	7	N
LA1437	5.0	15	<50	1.50	1,000	N	2.0	N	30	N	<10	10	N
LA1438	5.0	15	<50	1.50	500	N	2.0	N	50	N	10	10	N
LA1439	7.0	15	<50	5.00	1,500	N	3.0	N	70	N	15	15	N
LA1440	5.0	10	N	2.00	1,000	N	2.0	N	70	N	<10	5	N
LA1441	5.0	20	<50	2.00	700	N	3.0	N	50	N	15	15	N
LA1442	5.0	15	<50	3.00	1,000	N	2.0	N	50	N	15	10	N
LA1443	5.0	15	<50	3.00	1,000	N	2.0	N	50	N	15	10	N
LA1444	5.0	20	<50	3.00	1,000	N	3.0	N	50	N	15	10	N
LA1445	5.0	15	<50	3.00	700	N	2.0	N	50	N	10	7	N
LA1446	10.0	20	<50	2.00	1,000	N	2.0	N	50	<.2	15	15	N
LA1447	5.0	15	<50	2.00	500	N	2.0	N	50	N	10	10	N
LA1448	5.0	20	<50	2.00	700	N	3.0	N	50	N	20	15	N
LA1449	5.0	15	<50	2.00	1,000	N	2.0	N	50	N	10	10	N
LA1450	5.0	20	<50	3.00	1,000	N	2.0	N	50	N	10	10	N
LA1451	5.0	20	<50	3.00	1,000	N	2.0	N	70	N	10	10	N
LA1452	5.0	20	<50	3.00	1,000	N	2.0	N	30	N	10	10	N
LA1453	5.0	20	<50	3.00	1,000	N	2.0	N	30	N	10	10	N
LA1454	5.0	30	<50	3.00	1,500	N	3.0	N	50	N	20	15	N
LA1455	7.0	20	<50	3.00	1,500	N	2.0	N	50	N	10	10	N
LA1456	5.0	15	<50	1.50	700	N	2.0	N	20	N	<10	7	N
LA1457	7.0	20	<50	5.00	1,000	N	3.0	N	30	N	15	15	N
LA1458	7.0	20	<50	5.00	1,000	N	3.0	N	30	N	15	15	N
LA1459	2.0	15	<50	1.50	700	N	2.0	N	20	<.2	<10	5	N
LA1460	7.0	20	<50	2.00	1,000	N	2.0	N	30	<.2	15	10	N
LA1461	7.0	15	<50	2.00	1,000	N	2.0	N	20	N	<10	7	N
LA1462	5.0	20	<50	1.00	500	N	2.0	N	30	<.2	30	10	N
LA1463	5.0	20	<50	1.00	500	N	2.0	N	30	<.2	50	10	N
LA1464	5.0	20	<50	1.00	1,000	N	2.0	N	30	N	50	10	N
LA1465	5.0	30	<50	1.00	1,000	N	2.0	N	50	<.2	70	10	N
LA1466	5.0	20	N	1.50	700	N	2.0	N	30	<.2	20	10	N
LA1467	5.0	20	<50	1.50	1,500	N	2.0	N	70	<.2	150	15	N
LA1468	7.0	30	<50	2.00	1,500	N	3.0	N	70	<.2	20	15	N
LA1469	5.0	20	<50	1.50	500	N	2.0	N	70	<.2	15	10	N
LA1470	7.0	30	50	1.00	1,000	N	3.0	N	50	<.2	20	15	N
LA1471	3.0	15	<50	.50	500	N	1.0	N	30	N	300	7	N
LA1472	7.0	20	<50	1.50	1,000	N	2.0	N	50	<.2	10	10	N
LA1473	2.0	15	<50	.70	700	N	2.0	N	50	<.2	10	10	N
LA1474	5.0	20	<50	1.00	1,000	N	3.0	N	50	N	20	10	N
LA1475	2.0	15	<50	.70	700	N	2.0	N	30	<.2	<10	10	N
LA1476	2.0	20	<50	1.00	500	N	2.0	N	50	<.2	15	10	N
LA1477	5.0	20	<50	1.50	1,500	N	2.0	N	50	<.2	20	10	N
LA1478	5.0	20	<50	1.00	300	N	2.0	N	50	<.2	15	10	N
LA1480	5.0	20	<50	1.00	700	N	2.0	N	50	<.2	20	10	N
LA1481	5.0	20	<50	2.00	1,000	N	3.0	N	50	<.2	20	10	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA1436	<100	N	.30	150	N	10	<200	150	N	--	N	.4	N	65
LA1437	100	N	.50	150	N	20	<200	200	N	--	N	.4	N	60
LA1438	<100	N	.50	150	N	20	<200	150	10	--	N	.6	<2	95
LA1439	150	N	1.00	200	N	30	<200	200	20	--	N	.5	2	100
LA1440	N	N	.30	100	N	<10	N	100	N	--	N	.4	N	65
LA1441	200	N	1.00	200	N	30	<200	200	N	--	N	.3	N	70
LA1442	<100	N	.70	200	N	20	<200	150	N	--	N	.4	N	70
LA1443	<100	N	.50	200	N	30	<200	200	N	--	N	.7	N	75
LA1444	150	N	.70	200	N	20	<200	200	N	--	N	.3	N	55
LA1445	<100	N	.70	200	N	15	<200	200	N	--	N	.3	N	60
LA1446	200	N	.50	200	N	20	<200	200	100	--	N	.6	<2	100
LA1447	<100	N	.70	150	N	15	<200	200	N	--	N	.2	N	55
LA1448	100	N	.50	200	N	15	<200	150	N	--	N	.3	N	60
LA1449	<100	N	.50	150	N	15	<200	200	N	--	N	.3	N	55
LA1450	<100	N	.70	200	N	20	<200	200	N	--	N	.2	N	70
LA1451	<100	N	.70	200	N	20	<200	200	N	--	N	.3	N	60
LA1452	100	N	.70	200	N	15	<200	200	N	--	N	.3	N	55
LA1453	100	N	.70	200	N	15	<200	150	N	--	N	.2	N	55
LA1454	200	N	.70	200	N	20	200	300	N	--	N	.3	N	50
LA1455	<100	N	1.00	200	N	15	<200	200	<10	--	N	.3	6	55
LA1456	<100	N	.50	100	N	15	<200	150	N	--	N	.1	N	45
LA1457	150	N	1.00	200	N	20	<200	150	N	--	N	.6	N	55
LA1458	<100	N	1.00	200	N	20	<200	200	N	--	N	.2	N	50
LA1459	N	N	.20	70	N	<10	<200	100	N	--	N	.1	N	30
LA1460	<100	N	1.00	200	N	15	<200	200	N	--	N	.2	N	45
LA1461	N	N	>1.00	150	N	10	<200	200	N	--	N	.2	N	50
LA1462	N	N	.70	100	N	20	N	200	10	N	<1	.1	2	50
LA1463	N	N	.50	150	N	20	N	150	<10	N	<1	<.1	<2	50
LA1464	N	N	.30	100	N	20	N	150	<10	N	<1	.2	<2	70
LA1465	<100	N	.50	150	N	20	N	200	20	N	<1	.5	<2	80
LA1466	<100	N	1.00	150	N	15	N	200	<10	N	<1	.3	<2	60
LA1467	N	N	.50	150	N	20	N	200	20	N	<1	.4	<2	170
LA1468	100	N	.70	200	N	30	N	200	10	N	<1	.2	<2	80
LA1469	<100	N	.50	150	N	30	N	200	<10	N	<1	.2	<2	75
LA1470	100	N	1.00	200	N	50	N	500	20	N	<1	.2	<2	65
LA1471	N	N	.20	100	N	30	N	100	70	N	2	1.6	2	330
LA1472	100	N	1.00	200	N	20	N	200	<10	N	<1	.2	<2	65
LA1473	<100	N	.30	150	N	20	N	200	<10	N	<1	.2	<2	70
LA1474	<100	N	.50	200	N	20	N	200	<10	N	<1	.4	<2	85
LA1475	N	N	.50	100	N	20	N	200	<10	N	<1	.3	<2	70
LA1476	<100	N	.50	150	N	20	N	150	<10	N	<1	.3	<2	80
LA1477	<100	N	.50	200	N	20	N	200	<10	N	<1	.4	<2	90
LA1478	N	N	.30	150	N	15	N	150	<10	N	1	.1	<2	65
LA1480	N	N	.70	200	N	20	N	200	20	N	<1	.2	<2	75
LA1481	<100	N	.70	200	N	30	N	200	<10	N	<1	.2	<2	75

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Co-ppm s	Cr-ppm s	Cu-ppm s
LA1482	65 30 49	148 4 59	N	N	70	300	N	N	.50	20	200	20
LA1483	65 37 53	148 26 4	N	N	70	700	<1.0	N	.70	20	150	20
LA1499	65 28 19	149 58 37	N	N	70	1,000	<1.0	N	.70	30	100	50

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Fe-pct.	Ga-ppm	La-ppm	Mg-pct.	Mn-ppm	Mo-ppm	Na-pct.	Nb-ppm	Ni-ppm	P-pct.	Pb-ppm	Sc-ppm	Sn-ppm
	s	s	s	s	s	s	s	s	s	s	s	s	s
LA1482	5.0	15	<50	1.00	500	N	2.0	N	70	<.2	10	10	N
LA1483	3.0	20	<50	1.00	700	N	2.0	N	50	<.2	20	10	N
LA1499	5.0	30	<50	1.00	1,000	N	2.0	N	100	<.2	70	15	N

TABLE 2. Results of analyses of stream-sediment samples from the Livengood quadrangle, Alaska--Continued

Sample	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	As-ppm aa	Au-ppm aa	Bi-ppm aa	Cd-ppm aa	Sb-ppm aa	Zn-ppm aa
LA1482	N	N	.50	200	N	20	N	200	<10	N	<1	.1	<2	100
LA1483	100	N	.50	200	N	20	N	300	<10	N	<1	.2	<2	70
LA1499	100	N	.50	200	N	30	N	150	20	N	1	.8	<2	170

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska

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

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	Au-ppm s	Au-vis	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Cd-ppm s
LA001C	65 28 15	148 40 24	N	N	N	N	70	>10,000	N	N	7.00	N
LA006C	65 32 58	147 41 8	N	N	N	N	100	3,000	2	N	1.00	N
LA007C	65 33 12	147 38 45	5	N	N	N	50	>10,000	N	N	2.00	500
LA011C	65 20 48	147 5 55	N	N	N	N	70	500	2	N	.70	N
LA013C	65 17 13	147 18 25	N	N	N	N	500	1,000	5	N	1.00	N
LA015C	65 45 38	147 38 35	N	N	N	N	70	10,000	N	N	15.00	50
LA017C	65 47 27	147 29 57	N	N	N	N	200	>10,000	N	N	15.00	N
LA039C	65 27 7	147 5 29	N	N	N	N	100	500	<2	N	1.00	N
LA041C	65 26 50	147 15 9	N	N	N	N	150	500	N	N	.50	N
LA042C	65 28 23	147 10 17	N	N	N	N	70	1,000	N	N	10.00	N
LA043C	65 28 42	147 8 58	N	N	N	N	20	500	N	N	15.00	N
LA046C	65 57 46	149 57 50	N	N	N	N	30	1,000	2	N	1.50	N
LA048C	65 37 3	147 4 26	N	N	N	N	20	5,000	N	N	.10	N
LA049C	65 36 58	147 15 31	N	N	N	N	200	>10,000	N	N	5.00	N
LA050C	65 37 41	147 12 10	N	N	N	N	200	>10,000	<2	N	1.50	200
LA051C	65 29 23	147 30 39	N	N	N	N	100	7,000	<2	200	.50	N
LA052C	65 27 46	147 32 1	N	N	N	N	300	10,000	N	N	1.00	N
LA053C	65 27 28	147 36 9	N	N	N	N	100	5,000	N	N	.50	N
LA056C	65 23 25	147 54 17	N	N	N	N	100	>10,000	N	N	.70	N
LA059C	65 27 48	147 38 26	2	N	N	>0	300	10,000	N	200	2.00	N
LA072C	65 25 42	149 29 30	N	N	N	N	200	1,000	N	N	5.00	N
LA073C	65 26 32	149 30 0	N	N	N	N	100	1,500	N	N	5.00	N
LA074C	65 29 21	149 29 11	N	N	N	N	200	3,000	N	N	2.00	N
LA075C	65 30 36	149 32 7	N	N	N	N	100	2,000	N	N	3.00	N
LA076C	65 30 11	149 36 4	N	N	N	N	100	>10,000	N	N	1.00	N
LA077C	65 33 16	149 38 56	N	N	N	N	70	>10,000	N	N	.50	N
LA078C	65 34 23	149 39 47	N	N	N	N	100	>10,000	N	N	1.50	N
LA079C	65 37 23	149 36 8	N	N	N	N	50	>10,000	N	N	1.50	N
LA080C	65 21 35	149 46 57	N	3,000	N	>0	20	>10,000	N	N	.50	N
LA081C	65 21 44	149 50 23	1,000	1,000	>1,000	>0	30	>10,000	N	N	1.00	N
LA082C	65 21 59	149 51 25	N	>20,000	N	>0	50	10,000	<2	N	5.00	N
LA083C	65 21 58	149 53 18	20	5,000	N	>0	200	10,000	N	N	2.00	N
LA084C	65 21 54	149 53 10	N	2,000	N	>0	30	>10,000	N	N	3.00	N
LA086C	65 19 14	149 59 26	N	N	N	N	300	1,000	N	N	.50	N
LA087C	65 18 8	149 49 55	1	N	N	>0	200	5,000	N	N	.50	N
LA088C	65 18 7	149 50 21	200	N	>1,000	>0	30	7,000	N	N	.50	N
LA089C	65 17 32	149 53 2	N	N	N	N	200	7,000	N	N	.70	N
LA090C	65 20 16	149 46 32	N	10,000	N	>0	100	>10,000	N	N	.70	N
LA093C	65 48 55	149 10 20	N	N	N	N	30	>10,000	N	N	10.00	N
LA096C	65 52 55	149 32 3	N	N	N	N	150	7,000	15	N	.70	N
LA098C	65 47 0	149 38 5	N	N	N	N	30	>10,000	N	N	.30	N
LA103C	65 18 12	147 4 35	N	N	N	N	70	500	2	N	.15	N
LA104C	65 18 52	147 2 23	N	N	N	N	100	500	2	N	.15	N
LA105C	65 32 54	147 41 23	N	N	N	N	70	200	N	N	.50	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	Fe-pct. s	Ga-ppm s	Ge-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s
LA001C	N	100	20	.20	--	--	150	.20	200	N	--	<50	N
LA006C	N	70	<10	.30	--	--	200	.15	300	N	--	70	N
LA007C	20	200	50	2.00	--	--	300	.50	300	N	--	70	70
LA011C	N	20	N	.15	--	--	N	.10	150	N	--	70	N
LA013C	N	100	N	.50	--	--	N	.30	300	N	--	200	N
LA015C	10	150	<10	.50	--	--	500	.50	500	N	--	<50	N
LA017C	10	3,000	10	2.00	--	--	500	3.00	1,000	N	--	200	70
LA039C	N	70	<10	.20	--	--	200	.10	100	N	--	50	N
LA041C	N	150	N	.20	--	--	200	.07	300	N	--	50	N
LA042C	N	50	<10	.20	--	--	1,500	.07	150	N	--	<50	N
LA043C	N	<20	<10	.20	--	--	1,000	.07	200	N	--	<50	N
LA046C	10	200	<10	.30	--	--	<50	.30	200	N	--	<50	N
LA048C	N	70	N	.10	--	--	N	.05	100	N	--	<50	N
LA049C	N	20	<10	.30	--	--	50	.05	20	N	--	N	N
LA050C	N	50	20	.20	--	--	100	.05	100	N	--	<50	N
LA051C	N	50	<10	.20	--	--	70	.05	100	N	--	<50	N
LA052C	N	<20	N	.50	--	--	N	<.05	100	N	--	100	N
LA053C	N	100	N	.15	--	--	50	.05	70	N	--	<50	N
LA056C	N	50	N	.20	--	--	50	.07	150	N	--	50	N
LA059C	N	70	10	.30	--	--	150	.50	200	N	--	50	N
LA072C	N	200	<10	.20	<10	N	500	1.00	500	50	N	N	N
LA073C	N	100	20	.20	<10	N	300	.10	300	N	N	N	N
LA074C	<20	200	15	1.50	30	N	150	.20	500	<10	N	N	N
LA075C	50	150	N	.50	N	N	N	.05	200	N	N	50	N
LA076C	50	200	20	1.50	20	N	N	.05	200	N	N	N	N
LA077C	<20	200	30	.50	N	N	N	.05	300	N	.5	N	N
LA078C	N	200	10	.30	N	N	200	<.05	500	N	N	150	N
LA079C	N	150	N	.20	N	N	<100	<.05	100	N	N	100	N
LA080C	N	20	<10	.30	N	N	<100	<.05	100	N	N	N	N
LA081C	N	<20	<10	.30	N	N	100	<.05	50	100	N	N	N
LA082C	N	<20	<10	1.00	<10	N	500	<.05	100	70	N	<50	N
LA083C	N	200	<10	.30	N	N	500	.10	200	N	N	<50	N
LA084C	N	50	<10	.20	N	N	200	<.05	70	50	N	N	N
LA086C	N	500	<10	.50	50	N	<100	1.50	70	N	N	<50	N
LA087C	N	100	<10	.30	30	N	<100	.05	20	100	N	<50	N
LA088C	N	20	<10	.15	<10	N	<100	.10	20	N	N	N	N
LA089C	N	50	<10	.20	N	N	<100	.10	70	20	N	N	N
LA090C	N	200	N	.50	<10	N	500	.10	100	50	N	N	N
LA093C	N	100	<10	.30	20	N	300	.10	500	N	N	N	N
LA096C	N	100	10	.20	20	N	N	.10	150	N	N	N	N
LA098C	N	<20	<10	.10	N	N	N	<.05	150	N	N	N	N
LA103C	N	50	N	.10	--	--	N	.05	100	N	--	50	N
LA104C	N	70	N	.10	--	--	N	.07	50	N	--	100	N
LA105C	N	100	N	.10	--	--	100	.10	70	N	--	100	N
LA106C	15	200	20	2.00	--	--	70	1.50	500	N	--	70	50

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	P-pct. s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
LA001C	--	N	N	20	N	700	N	>2.00	150	N	200	N	>2,000
LA006C	--	20	N	50	>2,000	200	N	>2.00	50	N	500	N	>2,000
LA007C	--	700	7,000	50	200	700	N	>2.00	200	N	200	20,000	>2,000
LA011C	--	20	N	30	200	<200	N	>2.00	50	N	200	N	>2,000
LA013C	--	50	N	50	N	<200	N	>2.00	100	N	300	N	>2,000
LA015C	--	500	N	20	N	1,500	N	>2.00	150	2,000	150	1,500	>2,000
LA017C	--	<20	N	50	700	1,500	N	>2.00	200	N	300	N	>2,000
LA039C	--	20	<200	30	20	1,000	300	>2.00	100	100	200	N	>2,000
LA041C	--	50	N	30	>2,000	N	N	>2.00	100	<100	200	N	>2,000
LA042C	--	50	N	20	700	5,000	500	>2.00	50	N	300	N	>2,000
LA043C	--	30	N	20	20	5,000	700	.30	50	<100	300	N	>2,000
LA046C	--	<20	N	30	700	<200	N	>2.00	200	N	70	N	>2,000
LA048C	--	20	N	70	500	200	N	>2.00	70	N	500	N	>2,000
LA049C	--	N	N	N	50	1,500	N	.30	70	N	30	N	200
LA050C	--	50	N	20	500	1,000	N	>2.00	70	N	150	5,000	>2,000
LA051C	--	<20	N	30	>2,000	200	N	>2.00	50	500	150	N	>2,000
LA052C	--	N	N	20	700	N	N	>2.00	150	N	200	N	>2,000
LA053C	--	N	N	50	1,000	N	N	>2.00	100	N	300	N	>2,000
LA056C	--	N	N	30	30	700	N	>2.00	100	150	200	N	>2,000
LA059C	--	100	N	30	>2,000	500	N	>2.00	70	N	200	N	>2,000
LA072C	20.0	N	N	N	N	N	N	.50	150	5,000	200	N	>2,000
LA073C	15.0	N	N	N	N	N	N	1.50	70	500	200	N	>2,000
LA074C	7.0	N	N	N	N	300	N	2.00	200	300	150	N	>2,000
LA075C	10.0	<20	N	N	200	N	N	>2.00	150	500	150	N	>2,000
LA076C	7.0	500	N	N	N	<200	N	2.00	200	300	100	3,000	>2,000
LA077C	2.0	<20	N	N	N	500	N	>2.00	500	N	50	500	200
LA078C	10.0	<20	N	N	N	<200	N	>2.00	200	N	200	N	>2,000
LA079C	7.0	<20	N	N	N	N	N	>2.00	500	<50	150	N	>2,000
LA080C	5.0	<20	N	N	>2,000	700	N	.70	30	300	<20	N	2,000
LA081C	3.0	2,000	N	N	>2,000	700	N	.30	50	20,000	50	5,000	>2,000
LA082C	3.0	70	N	N	N	1,500	N	.10	30	10,000	200	N	<20
LA083C	20.0	5,000	20,000	N	N	3,000	N	>2.00	100	200	300	N	>2,000
LA084C	5.0	20	N	N	N	1,000	N	>2.00	50	3,000	200	N	>2,000
LA086C	2.0	<20	N	N	N	N	N	1.00	500	N	150	N	>2,000
LA087C	2.0	70	N	N	70	N	N	.70	100	5,000	100	N	>2,000
LA088C	5.0	<20	N	N	N	2,000	N	.30	30	700	100	N	>2,000
LA089C	7.0	<20	N	N	N	1,500	N	.50	100	500	150	N	>2,000
LA090C	10.0	150	N	N	N	7,000	N	>2.00	200	2,000	100	N	>2,000
LA093C	10.0	N	N	N	N	500	N	1.00	100	2,000	70	N	100
LA096C	5.0	20	N	N	100	N	N	>2.00	100	150	100	N	>2,000
LA098C	1.5	<20	N	N	N	700	N	.50	30	200	<20	N	1,500
LA103C	--	20	N	50	N	N	N	>2.00	30	N	200	N	>2,000
LA104C	--	<20	N	50	N	N	N	>2.00	30	N	150	N	>2,000
LA105C	--	20	N	70	>2,000	N	N	>2.00	70	N	500	N	>2,000
LA106C	--	20	N	50	20	1,000	N	>2.00	150	N	150	15,000	>2,000

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	Au-ppm s	Au-vis	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Cd-ppm s
LA107C	65 34 7	147 34 35	N	N	N	N	150	>10,000	N	N	7.00	N
LA110C	65 21 48	147 5 1	N	N	N	N	50	300	2	N	.70	N
LA112C	65 21 38	147 1 50	N	N	<20	>0	100	150	<2	N	.30	N
LA113C	65 17 42	147 14 56	10	N	N	N	100	500	2	<20	.50	N
LA114C	65 17 45	147 15 14	N	N	<20	>0	70	500	2	N	.70	N
LA116C	65 17 59	147 27 34	N	N	N	N	70	300	2	N	.50	N
LA123C	65 48 10	147 26 46	N	N	N	N	70	10,000	<2	N	10.00	N
LA126C	65 50 43	147 29 39	N	N	N	N	200	>10,000	N	N	10.00	N
LA127C	65 50 32	147 24 5	N	N	N	N	100	>10,000	N	N	10.00	<50
LA129C	65 47 0	147 19 49	N	N	N	N	30	>10,000	N	N	7.00	N
LA134C	65 49 45	147 0 23	N	N	N	N	150	>10,000	<2	N	1.00	<50
LA142C	65 35 50	147 19 58	N	N	N	N	700	>10,000	<2	N	5.00	N
LA143C	65 33 55	147 21 5	N	N	N	N	200	5,000	<2	N	1.00	N
LA145C	65 33 1	147 28 54	N	N	N	N	500	1,500	500	N	1.00	N
LA146C	65 33 7	147 28 54	N	N	N	N	700	>10,000	<2	N	10.00	N
LA153C	65 28 20	147 3 40	N	N	N	N	150	500	2	N	2.00	N
LA154C	65 25 28	147 9 10	N	N	N	N	200	300	<2	N	.50	N
LA155C	65 25 36	147 14 11	N	N	N	N	150	2,000	5	N	1.00	N
LA156C	65 26 33	147 12 8	N	N	N	N	70	500	<2	50	7.00	N
LA160C	65 22 37	147 38 1	N	N	N	N	50	3,000	<2	50	.50	N
LA161C	65 22 59	147 45 1	N	N	N	N	50	50	N	<20	.10	N
LA162C	65 23 48	147 50 23	N	N	N	N	100	2,000	<2	<20	.50	N
LA163C	65 25 58	147 46 15	N	N	N	>0	70	3,000	<2	N	.20	N
LA164C	65 27 52	147 41 58	N	N	N	>0	50	150	<2	N	.15	N
LA165C	65 30 42	147 39 13	N	N	N	>0	150	1,000	<2	N	.50	N
LA166C	65 33 18	147 41 5	2	N	50	>0	100	700	<2	N	.30	N
LA167C	65 35 49	147 39 40	N	N	N	N	200	1,000	<2	N	.50	N
LA168C	65 38 23	147 36 12	N	N	N	>0	150	300	<2	N	.15	N
LA169C	65 40 35	147 31 31	N	N	N	N	30	200	<2	N	.30	N
LA170C	65 42 42	147 26 52	N	N	N	N	50	>10,000	<2	N	.70	N
LA171C	65 43 30	147 20 49	N	N	N	N	100	>10,000	<2	N	.50	N
LA173C	65 38 42	147 5 26	N	N	N	N	1,000	>10,000	2	<20	1.00	N
LA174C	65 40 22	147 5 29	N	N	N	N	150	>10,000	<2	<20	2.00	N
LA175C	65 40 17	147 5 35	N	N	N	N	200	>10,000	2	100	.50	<50
LA176C	65 44 35	147 4 7	N	N	N	N	20	>10,000	N	<20	5.00	N
LA177C	65 45 8	147 8 35	N	N	N	N	300	>10,000	<2	<20	5.00	200
LA200C	65 28 15	148 40 24	N	N	N	N	300	7,000	N	N	7.00	N
LA201C	65 29 58	147 50 35	N	N	N	N	100	500	<2	N	1.00	N
LA202C	65 35 20	147 42 12	N	N	N	N	70	300	N	N	.50	N
LA204C	65 38 35	147 40 25	10	N	N	N	100	1,000	N	N	10.00	N
LA205C	65 39 45	147 33 47	N	N	N	N	100	3,000	N	N	10.00	N
LA206C	65 39 48	147 33 42	N	N	N	N	150	7,000	N	N	2.00	70
LA229C	65 51 10	147 15 30	N	N	N	N	100	7,000	N	N	10.00	N
LA231C	65 51 15	147 10 30	N	N	N	N	100	10,000	N	N	1.50	N
LA234C	65 48 18	147 3 50	N	N	N	N	50	1,000	N	N	15.00	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	Fe-pct. s	Ga-ppm s	Ge-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s
LA107C	15	500	N	3.00	--	--	N	1.50	500	N	--	<50	50
LA110C	<10	30	N	.10	--	--	50	.05	100	N	--	150	N
LA112C	N	20	N	.20	--	--	200	.07	150	N	--	50	N
LA113C	10	50	30	.15	--	--	50	.05	70	N	--	100	N
LA114C	<10	50	N	.10	--	--	<50	.05	100	N	--	70	N
LA116C	<10	20	15	<.10	--	--	100	.05	100	N	--	50	N
LA123C	10	500	15	.50	--	--	150	.50	300	N	--	70	N
LA126C	N	100	N	.50	--	--	200	.20	200	N	--	500	N
LA127C	N	70	<10	.50	--	--	150	.10	200	N	--	100	N
LA129C	10	100	N	.50	--	--	<50	.50	300	N	--	100	N
LA134C	N	70	10	.70	--	--	200	.20	200	N	--	70	N
LA142C	N	300	70	3.00	--	--	150	.50	700	N	--	300	<10
LA143C	N	70	10	1.00	--	--	70	.20	200	N	--	70	N
LA145C	N	50	<10	.50	--	--	500	.10	200	N	--	300	N
LA146C	N	150	10	.70	--	--	100	1.00	300	N	--	70	50
LA153C	N	100	10	.30	--	--	700	.20	200	N	--	70	N
LA154C	N	100	N	.20	--	--	200	.15	150	N	--	50	N
LA155C	N	100	<10	1.00	--	--	700	.30	200	N	--	100	N
LA156C	N	70	50	.20	--	--	1,000	.15	200	N	--	50	N
LA160C	N	50	<10	.30	--	--	100	.10	200	N	--	<50	N
LA161C	N	30	N	.15	--	--	50	<.05	100	N	--	<50	N
LA162C	N	50	N	.15	--	--	70	.05	100	N	--	<50	N
LA163C	N	50	N	.15	--	--	100	.05	150	N	--	50	N
LA164C	N	50	15	.10	--	--	70	<.05	100	N	--	50	N
LA165C	N	50	N	.20	--	--	100	.07	150	N	--	70	N
LA166C	N	70	N	.20	--	--	100	.07	150	N	--	50	N
LA167C	N	70	N	.30	--	--	70	.15	200	N	--	50	N
LA168C	N	70	N	.10	--	--	N	.10	100	N	--	50	N
LA169C	N	70	N	.20	--	--	70	.15	150	N	--	50	N
LA170C	N	70	N	.50	--	--	100	.30	200	N	--	50	N
LA171C	N	70	<10	.20	--	--	100	.10	200	N	--	50	N
LA173C	N	<20	30	2.00	--	--	150	.10	500	N	--	50	N
LA174C	N	50	10	.50	--	--	100	.10	200	N	--	50	N
LA175C	N	50	10	.30	--	--	70	.10	200	N	--	50	N
LA176C	N	50	10	.30	--	--	150	.07	200	N	--	<50	N
LA177C	N	70	10	.50	--	--	100	.10	150	N	--	70	N
LA200C	N	200	<10	.30	--	--	500	.20	200	N	--	50	N
LA201C	N	200	N	.20	--	--	N	.20	100	N	--	70	N
LA202C	N	20	<10	.30	--	--	N	.10	100	N	--	50	N
LA204C	<10	200	<10	1.00	--	--	N	2.00	300	N	--	N	100
LA205C	10	3,000	<10	1.00	--	--	N	2.00	300	N	--	<50	70
LA206C	N	100	<10	.20	--	--	N	.30	150	N	--	100	N
LA229C	N	100	<10	1.00	--	--	100	.20	100	N	--	150	N
LA231C	N	50	N	.30	--	--	50	.20	100	N	--	70	N
LA234C	N	200	10	.50	--	--	100	.30	200	N	--	50	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	P-pct. s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
LA107C	--	20	N	20	20	700	N	>2.00	200	N	50	N	>2,000
LA110C	--	20	N	20	50	N	N	>2.00	30	N	200	N	>2,000
LA112C	--	<20	N	15	>2,000	N	N	>2.00	20	N	100	N	>2,000
LA113C	--	1,000	N	50	N	N	N	>2.00	20	N	200	N	>2,000
LA114C	--	20	N	30	N	N	N	>2.00	30	N	200	N	>2,000
LA116C	--	<20	N	30	N	N	N	>2.00	30	N	500	N	>2,000
LA123C	--	150	N	50	<20	1,000	N	>2.00	150	<100	500	N	>2,000
LA126C	--	<20	N	20	N	2,000	N	>2.00	200	N	200	N	>2,000
LA127C	--	30	N	20	N	2,000	N	>2.00	100	N	300	700	>2,000
LA129C	--	30	N	30	150	500	N	>2.00	500	N	100	N	1,500
LA134C	--	50	N	70	50	300	N	>2.00	200	N	500	1,000	>2,000
LA142C	--	<20	N	70	500	1,000	N	>2.00	100	N	700	N	>2,000
LA143C	--	<20	N	20	>2,000	500	N	>2.00	100	N	150	N	>2,000
LA145C	--	N	N	50	>2,000	N	N	>2.00	100	1,000	300	N	>2,000
LA146C	--	<20	N	30	>2,000	700	N	>2.00	100	150	200	N	>2,000
LA153C	--	30	N	30	100	700	500	>2.00	100	100	300	N	>2,000
LA154C	--	30	N	30	700	200	500	>2.00	70	<100	300	N	>2,000
LA155C	--	<20	N	70	500	1,000	<200	>2.00	100	N	500	<500	>2,000
LA156C	--	30	N	50	>2,000	5,000	500	2.00	50	150	300	N	>2,000
LA160C	--	20	N	20	>2,000	200	N	>2.00	30	<100	150	N	>2,000
LA161C	--	<20	N	20	>2,000	N	N	2.00	30	<100	150	N	>2,000
LA162C	--	N	N	15	1,000	300	N	2.00	30	N	150	N	>2,000
LA163C	--	20	N	20	>2,000	200	<200	>2.00	50	<100	200	N	>2,000
LA164C	--	<20	N	15	500	N	<200	>2.00	30	200	100	N	>2,000
LA165C	--	<20	N	15	700	200	N	>2.00	50	N	100	N	>2,000
LA166C	--	20	N	20	>2,000	<200	N	>2.00	30	<100	200	N	>2,000
LA167C	--	<20	N	15	500	<200	N	>2.00	50	N	150	N	>2,000
LA168C	--	N	N	15	>2,000	N	N	>2.00	30	<100	100	N	>2,000
LA169C	--	<20	N	20	2,000	N	N	>2.00	50	<100	200	<500	>2,000
LA170C	--	30	N	15	2,000	200	N	>2.00	50	<100	150	<500	>2,000
LA171C	--	20	N	20	>2,000	200	N	>2.00	50	N	200	500	>2,000
LA173C	--	<20	N	15	50	700	N	2.00	50	N	200	N	>2,000
LA174C	--	N	N	15	20	1,000	N	2.00	70	N	100	500	>2,000
LA175C	--	<20	N	50	>2,000	300	N	>2.00	50	100	200	500	>2,000
LA176C	--	<20	N	15	100	1,000	N	1.00	50	10,000	100	N	>2,000
LA177C	--	200	N	20	1,000	1,000	N	>2.00	30	100	150	5,000	>2,000
LA200C	--	20	N	20	150	1,000	N	>2.00	150	N	300	N	>2,000
LA201C	--	20	N	30	2,000	200	N	>2.00	70	N	200	N	>2,000
LA202C	--	N	N	20	100	<200	N	>2.00	70	N	150	1,500	>2,000
LA204C	--	N	N	20	N	N	N	>2.00	100	N	30	500	>2,000
LA205C	--	N	N	20	700	<200	N	>2.00	150	N	100	N	>2,000
LA206C	--	<20	N	50	1,000	<200	N	>2.00	100	N	150	1,500	>2,000
LA229C	--	50	N	50	30	1,000	N	>2.00	100	N	300	N	>2,000
LA231C	--	50	N	50	N	500	N	>2.00	100	N	150	N	>2,000
LA234C	--	20	N	15	70	700	N	>2.00	150	N	150	N	1,000

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	Au-ppm s	Au-vis	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Cd-ppm s
LA247C	65 38 38	149 40 0	N	N	N	N	150	1,500	20	N	.20	N
LA248C	65 57 2	149 54 35	N	N	N	N	20	2,000	N	N	5.00	N
LA250C	65 31 35	147 20 22	5	N	N	N	20	70	2	2,000	1.00	N
LA251C	65 31 35	147 21 25	N	N	N	N	50	50	500	500	1.00	N
LA252C	65 31 52	147 23 25	N	N	N	N	70	70	5	300	.50	N
LA258C	65 16 12	147 46 44	N	N	N	N	100	700	N	N	.30	N
LA261C	65 13 40	147 53 15	N	N	N	N	200	500	<2	N	.30	N
LA263C	65 18 20	147 47 55	N	N	N	N	150	300	<2	N	<.10	N
LA264C	65 18 27	147 48 15	N	N	N	N	50	200	<2	N	.10	N
LA315C	65 50 50	147 13 2	N	N	N	N	70	>10,000	<2	N	1.50	N
LA316C	65 49 18	147 12 5	N	N	N	N	70	>10,000	N	N	2.00	N
LA317C	65 49 2	147 5 30	<1	N	N	N	50	>10,000	N	N	20.00	N
LA350C	65 22 52	147 19 30	N	N	N	N	100	3,000	<2	N	1.00	N
LA357C	65 15 18	147 51 55	N	N	N	N	50	700	<2	N	.30	N
LA360C	65 16 58	147 49 3	N	N	N	N	20	7,000	N	N	.20	N
LA362C	65 27 52	147 31 50	N	N	N	N	100	10,000	N	N	.70	N
LA365C	65 23 38	147 51 2	N	N	N	N	70	>10,000	N	N	.70	N
LA366C	65 38 48	147 5 10	N	N	N	N	20	10,000	<2	N	1.50	N
LA368C	65 42 6	147 5 19	N	N	N	N	70	>10,000	N	N	.70	N
LA369C	65 43 18	147 2 19	1	N	N	N	50	>10,000	N	N	2.00	300
LA370C	65 43 28	147 13 20	N	N	N	>0	<20	>10,000	N	20	.10	N
LA384C	65 18 3	147 14 0	N	N	N	N	30	2,000	N	N	.70	N
LA404C	65 36 49	147 33 13	150	N	N	N	70	10,000	N	N	2.00	300
LA408C	65 20 51	147 6 4	50	N	>1,000	>0	70	500	2	N	.30	N
LA409C	65 18 29	147 12 55	N	N	N	N	70	700	2	N	.20	N
LA410C	65 18 30	147 24 35	N	N	N	N	100	700	<2	N	.20	N
LA411C	65 45 36	147 39 0	N	N	N	N	70	3,000	N	N	5.00	N
LA416C	65 48 39	147 20 18	N	N	N	N	70	2,000	<2	N	.50	N
LA426C	65 32 48	147 14 34	N	N	N	N	300	10,000	<2	N	.30	N
LA427C	65 35 53	147 18 10	N	N	N	N	2,000	>10,000	<2	N	2.00	N
LA428C	65 35 37	147 23 56	N	N	N	N	500	10,000	<2	N	1.50	50
LA429C	65 33 57	147 26 56	N	N	N	N	500	>10,000	<2	N	1.50	N
LA430C	65 30 19	147 28 59	N	N	N	N	70	5,000	<2	N	.50	N
LA432C	65 23 3	148 56 30	N	N	N	N	30	3,000	N	N	.20	N
LA433C	65 26 40	147 15 15	N	N	N	N	150	500	2	N	.20	N
LA434C	65 28 26	147 10 30	N	N	N	N	100	1,000	<2	N	.20	N
LA435C	65 28 19	147 9 2	N	N	N	N	100	700	<2	N	.70	N
LA436C	65 30 3	147 5 55	N	N	N	N	50	200	<2	N	.15	N
LA439C	65 32 30	147 6 10	50	N	700	>0	50	1,000	<2	N	.10	N
LA441C	65 25 50	147 27 28	N	N	N	N	500	700	<2	N	.50	N
LA444C	65 35 39	147 8 21	N	N	N	N	70	5,000	N	N	.70	N
LA446C	65 36 59	147 13 50	N	N	N	N	100	>10,000	N	N	1.00	N
LA447C	65 37 9	147 13 40	N	N	N	>0	500	>10,000	N	N	5.00	100
LA448C	65 39 39	147 11 5	N	N	N	N	500	>10,000	<2	N	5.00	<50
LA449C	65 39 30	147 11 0	N	N	N	N	50	>10,000	N	N	7.00	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	Fe-pct. s	Ga-ppm s	Ge-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s
LA247C	N	150	<10	.50	--	--	70	.15	200	N	--	<50	N
LA248C	15	70	10	1.50	--	--	N	.70	700	N	--	<50	30
LA250C	N	<20	<10	.20	--	--	500	<.05	300	N	--	50	N
LA251C	N	20	N	.30	--	--	150	.05	200	N	--	100	N
LA252C	N	50	<10	.20	--	--	100	.05	200	N	--	150	N
LA258C	N	70	N	.10	--	--	50	.07	100	N	--	50	N
LA261C	N	50	N	.15	--	--	<50	.07	70	N	--	<50	N
LA263C	N	70	N	.15	--	--	200	.10	100	N	--	<50	N
LA264C	N	70	N	.10	--	--	N	.10	100	N	--	50	N
LA315C	N	70	N	.20	--	--	N	.07	70	N	--	100	N
LA316C	N	100	50	.50	--	--	N	.07	70	N	--	70	20
LA317C	N	30	10	.50	--	--	150	.20	100	N	--	<50	N
LA350C	N	50	<10	.20	--	--	N	.05	100	N	--	50	N
LA357C	N	70	N	N	--	--	<50	<.05	100	N	--	<50	N
LA360C	N	50	N	<.10	--	--	<50	<.05	100	N	--	50	N
LA362C	N	100	N	.10	--	--	<50	.05	150	N	--	50	N
LA365C	N	70	10	.20	--	--	100	.15	150	N	--	<50	N
LA366C	N	70	N	<.10	--	--	150	.07	150	N	--	50	N
LA368C	15	30	<10	.20	--	--	70	.07	500	N	--	<50	N
LA369C	10	30	20	.30	--	--	500	.05	150	N	--	<50	N
LA370C	N	<20	<10	.20	--	--	150	<.05	100	N	--	<50	N
LA384C	N	50	N	<.10	--	--	N	.05	100	N	--	<50	N
LA404C	20	300	50	.50	--	--	100	1.00	300	N	--	100	30
LA408C	N	50	N	.10	--	--	70	.05	100	N	--	100	N
LA409C	N	70	N	.20	--	--	100	.05	100	N	--	70	N
LA410C	N	50	<10	.20	--	--	70	.10	100	N	--	70	N
LA411C	10	300	<10	.30	--	--	100	1.50	200	N	--	50	20
LA416C	N	100	<10	.15	--	--	70	.10	100	N	--	70	N
LA426C	N	150	N	.20	--	--	150	.30	200	N	--	200	N
LA427C	N	1,000	N	.20	--	--	150	.50	200	N	--	300	N
LA428C	N	100	10	1.00	--	--	150	.20	150	N	--	100	N
LA429C	N	70	<10	.20	--	--	100	.20	100	N	--	100	N
LA430C	N	100	N	.10	--	--	100	.07	70	N	--	50	N
LA432C	N	300	50	.20	--	--	100	.20	70	N	--	150	N
LA433C	N	100	N	.20	--	--	500	.20	100	N	--	50	N
LA434C	N	50	<10	.30	--	--	200	.10	150	N	--	50	N
LA435C	N	100	<10	.50	--	--	300	.10	150	N	--	100	N
LA436C	N	70	<10	.20	--	--	70	.10	70	N	--	70	N
LA439C	N	200	<10	.15	--	--	70	.15	100	N	--	100	N
LA441C	N	150	<10	.30	--	--	300	.10	300	N	--	70	N
LA444C	N	100	10	.50	--	--	100	.20	200	N	--	70	N
LA446C	N	20	10	.50	--	--	50	.10	100	N	--	<50	N
LA447C	N	20	20	.50	--	--	100	.10	150	N	--	<50	N
LA448C	10	50	50	.50	--	--	150	.10	150	N	--	50	N
LA449C	15	70	20	.50	--	--	150	.20	200	N	--	100	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	P-pct. s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
LA247C	--	<20	N	10	20	200	N	2.00	150	<100	50	N	2,000
LA248C	--	<20	N	10	N	200	N	2.00	150	N	20	N	200
LA250C	--	50	N	100	>2,000	N	N	>2.00	<20	300	1,000	N	>2,000
LA251C	--	30	N	20	>2,000	N	N	2.00	<20	150	300	N	>2,000
LA252C	--	20	N	50	>2,000	N	N	>2.00	30	200	300	N	>2,000
LA258C	--	20	N	30	<20	300	N	>2.00	70	N	150	N	>2,000
LA261C	--	20	N	30	N	200	<200	>2.00	50	N	300	N	>2,000
LA263C	--	50	N	100	<20	N	<200	>2.00	70	N	500	N	>2,000
LA264C	--	20	N	70	<20	N	N	>2.00	50	N	300	N	>2,000
LA315C	--	20	N	70	N	500	N	>2.00	100	N	500	N	>2,000
LA316C	--	30	N	100	150	500	N	>2.00	100	N	500	N	>2,000
LA317C	--	<20	N	<10	N	700	N	1.00	70	N	200	N	1,000
LA350C	--	<20	N	50	N	N	N	>2.00	30	N	300	N	>2,000
LA357C	--	20	N	100	N	N	N	>2.00	50	N	500	N	>2,000
LA360C	--	<20	N	70	150	<200	N	>2.00	50	N	500	N	>2,000
LA362C	--	<20	N	30	300	300	N	>2.00	70	500	200	N	>2,000
LA365C	--	<20	N	15	>2,000	500	N	2.00	50	150	150	N	>2,000
LA366C	--	<20	N	70	20	500	N	>2.00	50	N	300	N	>2,000
LA368C	--	N	N	15	<20	1,000	N	>2.00	70	N	50	500	>2,000
LA369C	--	30	N	15	700	1,500	N	2.00	50	N	100	15,000	>2,000
LA370C	--	N	N	N	>2,000	1,500	N	1.00	50	100	20	N	1,500
LA384C	--	20	N	15	N	N	<200	>2.00	N	N	200	N	>2,000
LA404C	--	20	N	30	50	500	N	>2.00	70	N	100	5,000	>2,000
LA408C	--	20	N	50	30	N	N	>2.00	30	N	200	N	>2,000
LA409C	--	20	N	50	30	N	N	>2.00	30	N	200	N	>2,000
LA410C	--	50	N	50	20	N	N	>2.00	20	N	200	N	>2,000
LA411C	--	100	N	20	50	700	N	>2.00	100	<100	70	N	1,500
LA416C	--	50	N	70	20	300	N	>2.00	50	N	500	N	>2,000
LA426C	--	50	N	150	200	N	<200	>2.00	70	N	700	N	>2,000
LA427C	--	<20	N	100	50	700	N	>2.00	100	N	500	N	>2,000
LA428C	--	20	N	30	>2,000	500	N	>2.00	70	<100	200	2,000	>2,000
LA429C	--	<20	N	70	>2,000	1,000	N	>2.00	70	<100	100	N	>2,000
LA430C	--	20	N	100	>2,000	1,000	N	>2.00	100	<100	500	N	>2,000
LA432C	--	300	N	50	150	N	N	>2.00	100	N	100	N	>2,000
LA433C	--	30	N	150	50	<200	<200	>2.00	100	N	700	N	>2,000
LA434C	--	<20	N	50	>2,000	N	200	2.00	70	200	200	N	>2,000
LA435C	--	50	N	50	1,000	1,000	<200	>2.00	100	N	200	N	>2,000
LA436C	--	70	N	50	>2,000	N	<200	>2.00	70	100	150	N	>2,000
LA439C	--	200	N	70	>2,000	N	<200	>2.00	70	N	300	N	>2,000
LA441C	--	30	N	70	2,000	N	<200	>2.00	70	<100	300	N	>2,000
LA444C	--	2,000	N	50	150	500	N	>2.00	70	N	150	N	>2,000
LA446C	--	<20	N	<10	200	2,000	N	.70	70	N	30	N	200
LA447C	--	20	N	10	200	1,000	N	.70	70	N	50	2,000	1,000
LA448C	--	70	N	20	700	1,000	N	2.00	100	N	70	700	2,000
LA449C	--	<20	N	20	20	700	N	>2.00	100	N	100	N	700

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	Au-ppm s	Au-vis	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Cd-ppm s
LA450C	65 41 51	147 9 27	2	<500	N	N	150	>10,000	<2	70	1.50	N
LA451C	65 28 38	147 32 30	N	N	N	N	300	5,000	<2	N	1.50	N
LA457C	65 29 16	147 37 45	N	N	N	N	50	5,000	<2	N	5.00	N
LA458C	65 37 9	147 6 31	N	N	N	N	1,000	>10,000	2	N	.70	100
LA459C	65 38 7	147 2 31	7	N	N	N	200	>10,000	<2	N	1.00	N
LA460C	65 44 6	147 6 20	N	N	N	N	100	>10,000	N	N	1.00	200
LA461C	65 45 28	147 10 30	10	N	N	N	20	>10,000	N	N	7.00	N
LA469C	65 44 12	147 50 40	1	N	N	N	50	>10,000	N	N	.70	N
LA470C	65 44 37	147 59 55	N	N	N	N	50	3,000	N	200	5.00	N
LA471C	65 39 12	147 16 24	N	N	N	N	70	>10,000	N	N	5.00	N
LA472C	65 43 0	147 16 45	5	N	N	N	500	>10,000	N	N	5.00	300
LA474C	65 43 32	147 26 16	2	N	N	N	30	>10,000	N	N	10.00	N
LA475C	65 39 42	147 20 12	N	N	N	N	300	>10,000	N	N	10.00	N
LA476C	65 38 11	147 24 22	N	N	N	N	100	>10,000	N	N	7.00	N
LA479C	65 43 57	147 40 35	N	N	N	N	70	2,000	N	N	5.00	70
LA480C	65 31 39	147 38 50	2	N	N	N	70	>10,000	N	N	3.00	150
LA482C	65 19 53	147 9 32	N	N	<20	>0	50	1,000	2	N	.20	N
LA483C	65 18 29	147 12 55	20	N	1,000	>0	50	1,000	2	N	.15	N
LA484C	65 17 19	147 30 34	7	N	300	>0	70	1,000	2	N	.10	N
LA488C	65 26 22	148 0 51	N	1,000	N	N	2,000	>10,000	N	N	5.00	N
LA492C	65 16 3	148 16 58	N	N	N	N	30	>10,000	N	N	5.00	N
LA500C	65 28 15	148 40 24	N	N	20	>0	100	>10,000	N	N	1.50	N
LA502C	65 42 8	147 34 38	N	N	N	N	100	1,500	2	N	.70	N
LA506C	65 19 29	147 10 51	N	N	N	N	70	700	<2	N	.30	N
LA507C	65 23 30	147 17 20	N	N	150	>0	150	150	2	200	1.00	N
LA514C	65 48 35	147 18 45	100	N	N	>0	50	>10,000	3	N	1.00	<50
LA515C	65 51 6	147 15 45	N	N	N	N	200	>10,000	N	N	1.50	N
LA517C	65 48 19	147 9 0	N	N	N	N	70	5,000	N	N	20.00	N
LA518C	65 49 21	147 4 31	N	N	N	N	50	>10,000	N	N	10.00	50
LA519C	65 48 48	147 1 49	N	N	N	N	200	>10,000	N	N	2.00	N
LA526C	65 23 20	147 8 0	N	N	N	N	70	150	2	N	.15	N
LA527C	65 23 48	147 11 53	N	N	N	N	50	100	<2	N	.20	N
LA528C	65 23 54	147 17 14	N	N	N	>0	70	200	<2	N	.50	N
LA529C	65 25 35	147 13 54	N	N	<20	>0	200	2,000	<2	N	1.50	N
LA531C	65 29 19	147 11 23	N	N	N	N	50	100	<2	>2,000	.30	N
LA532C	65 28 59	147 15 8	N	N	N	N	200	100	2	>2,000	.30	N
LA533C	65 30 38	147 15 0	N	N	N	N	70	<50	<2	2,000	1.00	N
LA534C	65 29 56	147 12 39	30	N	N	N	100	200	2	150	1.00	N
LA537C	65 17 17	147 30 43	15	N	1,000	>0	70	700	<2	N	1.00	N
LA551C	65 16 48	147 50 38	N	N	N	N	50	300	<2	N	<.10	N
LA552C	65 19 20	147 49 15	N	N	N	N	70	300	<2	N	1.00	N
LA553C	65 43 35	147 13 45	N	N	N	N	100	10,000	N	N	7.00	100
LA554C	65 45 29	147 6 50	N	N	N	N	70	>10,000	N	N	10.00	50
LA555C	65 43 47	147 2 5	N	N	N	N	70	>10,000	N	N	2.00	50
LA556C	65 44 10	147 56 51	N	N	N	N	50	>10,000	N	200	2.00	50

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	Fe-pct. s	Ga-ppm s	Ge-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s
LA450C	<10	100	30	1.00	--	--	200	.20	200	N	--	70	N
LA451C	N	70	15	.30	--	--	200	.15	200	N	--	70	N
LA457C	N	50	<10	.20	--	--	<50	3.00	150	N	--	50	N
LA458C	N	100	<10	.20	--	--	150	.10	150	N	--	50	N
LA459C	20	70	10	1.00	--	--	100	.05	200	N	--	70	N
LA460C	30	50	50	2.00	--	--	100	<.05	300	N	--	70	30
LA461C	N	20	30	.20	--	--	300	.05	200	N	--	N	N
LA469C	N	50	20	.50	--	--	700	.10	150	N	--	<50	N
LA470C	N	100	N	.20	--	--	500	.05	200	20	--	500	N
LA471C	20	150	30	.50	--	--	150	.20	200	N	--	70	30
LA472C	30	50	50	1.00	--	--	200	.15	200	N	--	70	100
LA474C	N	30	20	.20	--	--	70	3.00	300	N	--	N	N
LA475C	<10	200	<10	.70	--	--	N	.50	500	N	--	N	50
LA476C	<10	200	10	.70	--	--	N	.70	300	N	--	N	30
LA479C	50	150	15	.70	--	--	N	.70	300	N	--	<50	50
LA480C	<10	70	150	3.00	--	--	N	.10	200	<10	--	N	70
LA482C	<10	50	15	.20	--	--	300	.07	200	N	--	100	N
LA483C	N	70	N	.10	--	--	<50	.05	70	N	--	70	N
LA484C	N	70	N	.20	--	--	70	<.05	100	N	--	70	N
LA488C	N	150	20	.30	20	20	N	.05	150	N	N	N	N
LA492C	N	100	15	.30	<10	N	N	.10	150	N	<.5	50	N
LA500C	N	200	N	.15	--	--	100	.10	200	N	--	<50	N
LA502C	N	70	N	.10	--	--	100	.10	100	N	--	50	N
LA506C	N	50	N	<.10	--	--	<50	.07	100	N	--	70	N
LA507C	N	50	<10	.20	--	--	500	.07	150	N	--	<50	N
LA514C	N	70	30	.50	--	--	N	.10	150	N	--	70	N
LA515C	N	100	<10	.70	--	--	200	.20	200	N	--	100	N
LA517C	N	70	<10	.30	--	--	150	.30	200	N	--	200	N
LA518C	N	70	10	.20	--	--	70	.10	200	N	--	100	N
LA519C	N	100	10	.30	--	--	500	.15	100	N	--	500	N
LA526C	N	20	N	.20	--	--	50	.05	200	N	--	50	N
LA527C	N	30	N	.20	--	--	100	.05	200	N	--	70	N
LA528C	N	30	<10	.10	--	--	200	.05	150	N	--	<50	N
LA529C	N	20	10	.20	--	--	500	.05	150	N	--	<50	N
LA531C	N	<20	<10	.20	--	--	200	.07	300	N	--	50	N
LA532C	N	100	10	.50	--	--	150	.10	200	N	--	<50	N
LA533C	N	<20	N	.20	--	--	100	<.05	300	N	--	100	N
LA534C	N	70	<10	.30	--	--	300	.10	200	N	--	50	N
LA537C	N	50	N	.15	--	--	N	.05	100	N	--	70	N
LA551C	N	50	N	<.10	--	--	N	.05	100	N	--	50	N
LA552C	N	100	N	<.10	--	--	200	.10	150	N	--	200	N
LA553C	20	100	20	1.00	--	--	50	1.50	500	N	--	70	50
LA554C	N	50	15	.20	--	--	50	2.00	300	N	--	50	N
LA555C	N	50	10	.20	--	--	100	.15	300	N	--	50	N
LA556C	<10	70	<10	.20	--	--	50	.30	500	N	--	50	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	P-pct. s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
LA450C	--	20	N	20	>2,000	700	N	2.00	70	<100	70	<500	>2,000
LA451C	--	<20	N	20	>2,000	500	N	2.00	70	200	150	N	>2,000
LA457C	--	50	N	20	>2,000	200	N	2.00	50	N	150	N	>2,000
LA458C	--	50	N	100	1,000	1,000	N	>2.00	70	N	300	3,000	>2,000
LA459C	--	500	N	70	50	2,000	N	>2.00	50	N	200	N	>2,000
LA460C	--	20	N	20	150	1,500	N	>2.00	70	N	100	3,000	>2,000
LA461C	--	20	N	N	100	1,000	N	.30	70	N	70	<500	300
LA469C	--	<20	200	15	50	700	N	1.00	70	N	70	<500	>2,000
LA470C	--	<20	N	15	300	N	<200	1.50	70	3,000	300	N	>2,000
LA471C	--	<20	N	15	20	1,000	N	2.00	100	<100	100	N	700
LA472C	--	20	N	20	>2,000	1,500	N	2.00	100	500	70	5,000	500
LA474C	--	100	N	N	70	500	N	.20	100	N	100	N	300
LA475C	--	N	N	30	50	1,500	N	.50	150	N	50	N	300
LA476C	--	N	N	15	<20	700	N	.30	100	N	20	N	150
LA479C	--	20	N	10	<20	300	N	2.00	70	N	70	500	1,000
LA480C	--	500	500	<10	N	1,500	N	1.00	70	N	50	5,000	700
LA482C	--	30	N	70	<20	<200	N	>2.00	30	N	200	N	>2,000
LA483C	--	20	N	50	<20	N	N	>2.00	30	N	200	N	>2,000
LA484C	--	30	N	70	N	N	N	>2.00	30	N	200	N	>2,000
LA488C	>20.0	50	N	N	2,000	3,000	N	>2.00	200	N	500	1,000	>2,000
LA492C	10.0	30	N	N	N	700	N	>2.00	150	N	200	N	>2,000
LA500C	--	<20	N	50	N	300	N	>2.00	100	N	200	N	>2,000
LA502C	--	20	N	70	>2,000	200	N	>2.00	100	<100	500	N	>2,000
LA506C	--	30	N	50	30	N	N	>2.00	70	N	200	N	>2,000
LA507C	--	30	N	70	>2,000	2,000	500	>2.00	100	100	700	N	>2,000
LA514C	--	20	N	70	70	1,000	N	>2.00	150	N	500	1,000	>2,000
LA515C	--	50	N	50	50	1,500	N	>2.00	100	N	500	N	>2,000
LA517C	--	50	N	15	200	1,000	N	>2.00	200	N	300	N	1,000
LA518C	--	20	N	50	<20	1,500	N	>2.00	200	N	500	1,000	>2,000
LA519C	--	<20	N	50	200	200	N	>2.00	150	100	200	1,000	>2,000
LA526C	--	<20	N	15	>2,000	N	N	>2.00	30	N	100	N	>2,000
LA527C	--	<20	N	20	>2,000	N	N	>2.00	30	<100	150	N	>2,000
LA528C	--	20	N	20	>2,000	500	500	>2.00	50	<100	500	N	>2,000
LA529C	--	20	N	20	>2,000	1,500	500	>2.00	70	<100	500	N	>2,000
LA531C	--	30	N	50	>2,000	N	N	>2.00	50	200	500	<500	>2,000
LA532C	--	20	N	30	>2,000	N	N	1.50	100	150	200	N	>2,000
LA533C	--	<20	N	30	>2,000	N	N	>2.00	50	200	500	N	>2,000
LA534C	--	200	N	30	>2,000	N	<200	>2.00	50	200	300	N	>2,000
LA537C	--	20	N	30	100	300	N	>2.00	50	N	500	N	>2,000
LA551C	--	150	N	100	50	N	N	>2.00	100	N	1,000	N	>2,000
LA552C	--	100	N	100	>2,000	N	N	>2.00	200	N	700	N	>2,000
LA553C	--	150	N	10	2,000	500	N	>2.00	70	N	100	2,000	>2,000
LA554C	--	100	N	15	2,000	1,000	N	>2.00	50	N	150	1,500	>2,000
LA555C	--	<20	N	20	2,000	1,000	N	>2.00	100	N	100	1,000	>2,000
LA556C	--	<20	N	20	1,500	300	N	2.00	50	N	100	1,500	>2,000

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	Au-ppm s	Au-vis	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Cd-ppm s
LA557C	65 45 19	147 49 14	N	N	N	N	50	>10,000	N	N	3.00	50
LA570C	65 55 6	147 6 47	N	N	N	N	30	>10,000	10	N	10.00	N
LA572C	65 58 49	147 5 32	N	N	N	N	50	>10,000	2	N	30.00	N
LA577C	65 59 4	147 27 6	N	N	N	N	50	>10,000	N	N	2.00	N
LA578C	65 55 23	147 20 23	N	N	N	N	30	>10,000	N	N	10.00	N
LA581C	65 54 22	147 32 2	N	N	N	N	70	>10,000	N	N	10.00	N
LA584C	65 55 35	147 49 26	N	N	N	N	20	>10,000	N	N	.10	N
LA585C	65 54 2	147 48 46	N	N	N	N	<20	>10,000	N	N	.10	N
LA591C	65 49 57	147 59 45	N	N	N	N	<20	>10,000	N	N	<.10	N
LA592C	65 48 19	148 4 38	N	N	N	N	<20	>10,000	N	N	.10	N
LA593C	65 48 8	148 4 33	N	N	N	N	20	>10,000	N	N	<.10	N
LA604C	65 33 0	147 47 30	2,000	N	N	N	200	2,000	N	<20	3.00	1,000
LA606C	65 32 40	147 45 20	5	N	N	N	300	>10,000	N	N	2.00	500
LA611C	65 23 8	147 9 24	N	N	N	N	70	300	<2	N	.30	N
LA612C	65 19 44	147 21 37	N	N	N	N	100	700	<2	N	.15	N
LA616C	65 48 22	147 18 23	N	N	N	N	<20	>10,000	N	N	1.00	N
LA617C	65 32 30	147 14 50	N	N	N	N	150	500	<2	200	1.00	N
LA622C	65 23 50	147 54 50	N	N	N	N	50	200	<2	N	.10	N
LA624C	65 27 13	147 55 8	N	N	N	N	100	500	<2	N	2.00	N
LA625C	65 32 38	147 14 50	70	N	N	N	200	300	<2	500	.50	N
LA626C	65 35 57	147 18 0	N	N	N	N	1,000	7,000	N	<20	.70	N
LA627C	65 34 40	147 19 11	N	N	N	N	1,500	>10,000	<2	N	2.00	N
LA628C	65 35 41	147 23 49	N	N	N	N	500	>10,000	N	N	2.00	<50
LA629C	65 34 40	147 25 10	N	N	N	N	700	7,000	<2	N	.70	N
LA631C	65 29 16	147 27 40	N	N	N	N	500	5,000	2	N	.50	N
LA632C	65 24 36	147 1 35	2	N	N	N	20	700	<2	N	.30	N
LA633C	65 23 27	147 6 5	N	N	N	>0	20	<50	<2	N	.30	N
LA634C	65 23 18	147 19 25	N	N	N	>0	50	500	<2	N	.50	N
LA635C	65 22 40	147 27 0	N	N	N	N	20	100	<2	N	.20	N
LA636C	65 23 4	147 34 8	N	N	N	N	20	70	<2	N	.30	N
LA639C	65 15 40	147 33 0	N	N	N	N	50	200	<2	N	.50	N
LA641C	65 27 31	147 23 44	N	N	N	N	100	100	<2	200	.20	N
LA643C	65 20 52	147 34 41	N	N	N	N	50	200	<2	N	2.00	N
LA645C	65 36 29	147 10 2	N	N	N	N	100	>10,000	<2	N	1.00	50
LA646C	65 36 53	147 15 35	N	N	N	N	300	>10,000	<2	N	3.00	N
LA647C	65 37 43	147 12 20	N	N	N	N	500	>10,000	N	N	7.00	N
LA648C	65 37 54	147 11 49	N	N	N	N	150	>10,000	N	N	10.00	<50
LA649C	65 28 32	147 32 14	N	N	N	N	100	>10,000	<2	N	1.00	N
LA650C	65 28 19	147 34 25	N	N	N	N	100	10,000	N	N	7.00	N
LA651C	65 28 9	147 32 48	N	N	N	N	30	7,000	<2	N	.20	N
LA657C	65 29 47	147 8 18	N	N	N	N	70	7,000	<2	N	20.00	N
LA659C	65 38 0	147 2 30	N	N	N	N	30	7,000	<2	<20	1.00	N
LA660C	65 40 32	147 2 55	N	N	N	N	300	>10,000	<2	N	2.00	<50
LA662C	65 44 56	147 11 20	N	N	N	N	20	>10,000	N	N	5.00	<50
LA668C	65 44 53	147 48 41	N	N	N	N	20	>10,000	N	N	.30	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	Fe-pct. s	Ga-ppm s	Ge-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s
LA557C	<10	100	<10	.20	--	--	70	.50	200	N	--	50	10
LA570C	20	50	30	2.00	10	N	N	5.00	700	N	N	50	N
LA572C	N	70	10	.50	15	N	<100	15.00	700	N	N	70	N
LA577C	N	70	10	.30	<10	N	<100	1.00	100	N	N	100	N
LA578C	N	20	<10	.30	<10	N	<100	10.00	200	N	N	N	N
LA581C	N	70	10	.50	<10	N	100	5.00	150	N	N	N	N
LA584C	N	30	30	1.50	N	N	N	.05	150	N	N	N	N
LA585C	N	<20	10	.20	N	N	N	<.05	30	N	N	N	N
LA591C	N	N	<10	.20	N	N	N	<.05	200	N	N	N	N
LA592C	N	<20	<10	.30	N	N	N	<.05	300	N	N	N	N
LA593C	N	20	200	.20	<10	N	N	<.05	50	N	N	50	N
LA604C	N	<20	2,000	.50	--	--	N	.10	300	N	--	70	N
LA606C	N	70	50	1.00	--	--	70	.30	300	N	--	50	30
LA611C	N	20	N	.10	--	--	70	.05	100	N	--	50	N
LA612C	N	50	N	.10	--	--	50	.10	100	N	--	70	N
LA616C	N	20	N	.15	--	--	N	<.05	100	N	--	<50	N
LA617C	<10	100	10	.50	--	--	70	.10	150	N	--	50	N
LA622C	N	20	N	.10	--	--	50	.05	100	N	--	50	N
LA624C	15	50	N	.50	--	--	70	.20	500	N	--	50	N
LA625C	N	70	<10	.20	--	--	300	.07	200	N	--	50	N
LA626C	N	100	<10	.20	--	--	50	.15	70	N	--	100	N
LA627C	N	100	<10	.50	--	--	200	.70	300	N	--	150	N
LA628C	10	150	10	.50	--	--	200	1.00	200	N	--	70	N
LA629C	N	100	<10	.20	--	--	100	.50	200	N	--	50	N
LA631C	N	30	<10	.30	--	--	150	.05	200	N	--	70	N
LA632C	N	20	100	.20	--	--	70	<.05	100	N	--	50	N
LA633C	N	<20	N	.10	--	--	N	<.05	100	N	--	<50	N
LA634C	N	20	N	.10	--	--	70	.05	100	N	--	<50	N
LA635C	N	20	N	.20	--	--	50	<.05	100	N	--	<50	N
LA636C	N	20	N	.20	--	--	<50	.05	150	N	--	<50	N
LA639C	N	<20	N	<.10	--	--	N	<.05	20	N	--	<50	N
LA641C	N	50	<10	.30	--	--	500	<.05	1,000	N	--	<50	N
LA643C	N	50	N	.20	--	--	100	<.05	70	N	--	100	N
LA645C	N	100	20	.20	--	--	70	.05	100	N	--	50	N
LA646C	N	<20	10	.15	--	--	100	.05	70	N	--	<50	N
LA647C	N	20	15	1.50	--	--	100	.10	200	N	--	N	30
LA648C	N	100	15	1.00	--	--	100	.20	500	N	--	50	30
LA649C	N	50	N	.10	--	--	<50	.05	200	N	--	100	N
LA650C	N	50	N	.50	--	--	N	7.00	200	N	--	N	N
LA651C	N	100	N	<.10	--	--	N	.10	70	N	--	50	N
LA657C	N	70	<10	.70	--	--	N	15.00	300	N	--	N	N
LA659C	N	70	<10	.20	--	--	100	.10	100	N	--	<50	N
LA660C	N	50	20	.30	--	--	100	.15	200	N	--	50	N
LA662C	N	20	10	.20	--	--	50	.10	150	N	--	<50	N
LA668C	N	<20	10	.20	--	--	50	<.05	100	N	--	<50	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	P-pct.	Pb-ppm	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm	Th-ppm	Ti-pct.	V-ppm	W-ppm	Y-ppm	Zn-ppm	Zr-ppm
	s	s	s	s	s	s	s	s	s	s	s	s	s
LA557C	--	20	N	15	>2,000	300	N	2.00	70	<100	100	1,000	>2,000
LA570C	3.0	2,000	N	N	N	700	N	.70	50	N	50	3,000	300
LA572C	5.0	200	N	N	N	700	N	>2.00	100	N	50	500	500
LA577C	7.0	50	N	N	200	1,000	N	>2.00	150	N	100	1,000	>2,000
LA578C	2.0	100	N	N	N	1,000	N	.30	30	N	30	N	2,000
LA581C	15.0	30	N	N	N	1,000	N	.70	70	N	150	3,000	1,500
LA584C	1.0	20	N	N	N	1,000	N	.50	30	N	20	3,000	1,000
LA585C	.5	20	N	N	N	700	N	.30	30	N	N	1,000	500
LA591C	.5	<20	N	N	N	700	N	.20	30	N	N	N	500
LA592C	1.5	<20	N	N	N	700	N	.70	50	N	20	N	1,500
LA593C	1.5	20	N	N	N	500	N	>2.00	100	N	150	N	>2,000
LA604C	--	100	2,000	30	200	1,000	N	>2.00	100	N	200	20,000	>2,000
LA606C	--	100	N	20	50	1,000	N	>2.00	100	N	70	10,000	>2,000
LA611C	--	20	N	20	500	N	N	>2.00	30	<100	200	N	>2,000
LA612C	--	50	N	20	<20	N	N	>2.00	30	N	200	N	>2,000
LA616C	--	N	N	N	30	1,000	N	1.00	70	N	30	N	1,000
LA617C	--	100	N	30	>2,000	200	N	2.00	70	2,000	150	N	>2,000
LA622C	--	<20	N	20	300	N	N	>2.00	20	<100	100	N	>2,000
LA624C	--	30	N	50	200	500	N	>2.00	50	N	300	N	>2,000
LA625C	--	150	N	50	>2,000	<200	<200	2.00	50	1,000	300	N	>2,000
LA626C	--	30	N	50	>2,000	200	N	>2.00	70	500	200	N	>2,000
LA627C	--	100	N	100	>2,000	700	N	>2.00	70	N	300	N	>2,000
LA628C	--	50	N	30	2,000	500	N	>2.00	70	<100	200	500	>2,000
LA629C	--	50	N	150	700	200	N	>2.00	100	N	500	N	>2,000
LA631C	--	<20	N	50	>2,000	N	N	2.00	50	700	200	N	>2,000
LA632C	--	<20	N	15	>2,000	N	N	>2.00	30	100	100	N	>2,000
LA633C	--	N	N	20	>2,000	N	N	1.00	20	150	150	N	>2,000
LA634C	--	N	N	20	>2,000	N	N	>2.00	20	200	150	N	>2,000
LA635C	--	N	N	15	>2,000	<200	N	2.00	20	100	100	N	>2,000
LA636C	--	N	N	15	>2,000	N	N	2.00	30	100	100	N	>2,000
LA639C	--	<20	N	50	50	N	N	>2.00	50	N	300	N	>2,000
LA641C	--	N	N	70	>2,000	N	N	2.00	50	<100	700	N	>2,000
LA643C	--	<20	N	50	100	N	N	>2.00	100	N	300	N	>2,000
LA645C	--	<20	N	30	50	2,000	N	>2.00	70	N	200	5,000	>2,000
LA646C	--	N	N	N	20	1,500	N	.30	50	N	70	N	300
LA647C	--	N	N	<10	50	1,500	N	.70	50	N	70	700	500
LA648C	--	50	N	15	<20	1,000	N	2.00	70	N	100	700	>2,000
LA649C	--	<20	N	20	700	1,000	N	>2.00	70	N	150	N	>2,000
LA650C	--	N	N	N	200	200	N	.50	30	N	<20	N	1,000
LA651C	--	<20	N	70	500	300	N	>2.00	70	N	200	1,000	>2,000
LA657C	--	<20	N	N	700	N	N	1.50	70	N	100	N	>2,000
LA659C	--	50	N	20	>2,000	200	N	1.50	50	100	100	N	>2,000
LA660C	--	<20	N	30	500	1,000	N	2.00	70	N	150	700	>2,000
LA662C	--	<20	N	15	100	1,000	N	1.50	70	N	100	1,000	>2,000
LA668C	--	<20	300	10	N	1,000	N	1.50	30	N	50	500	>2,000

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	Au-ppm s	Au-vis	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Cd-ppm s
LA670C	65 41 15	147 13 24	N	N	N	N	70	>10,000	N	N	1.00	500
LA671C	65 40 59	147 15 54	2	N	N	N	150	>10,000	<2	N	2.00	1,000
LA674C	65 43 17	147 26 55	N	N	N	N	20	>10,000	N	N	3.00	N
LA680C	65 30 48	147 38 3	N	N	N	N	100	5,000	<2	N	2.00	N
LA681C	65 22 12	147 30 56	N	N	N	N	70	1,000	<2	N	1.00	N
LA682C	65 22 30	147 31 48	N	N	N	N	50	500	<2	N	2.00	N
LA683C	65 22 19	147 32 16	N	N	N	N	50	300	N	N	1.50	N
LA685C	65 19 51	147 9 24	N	N	N	>0	50	500	<2	N	.20	N
LA686C	65 19 31	147 10 39	N	N	N	N	50	1,000	<2	N	.50	N
LA704C	65 18 52	147 11 40	N	N	20	>0	30	700	2	N	.50	N
LA705C	65 17 59	147 27 34	N	N	N	>0	20	500	<2	N	.50	N
LA706C	65 54 45	147 7 21	N	N	N	N	30	>10,000	5	N	5.00	N
LA707C	65 59 40	147 11 49	N	N	N	N	50	10,000	N	N	10.00	N
LA708C	65 58 4	147 23 23	N	N	N	N	20	>10,000	N	N	5.00	N
LA709C	65 57 58	147 23 30	N	N	N	N	<20	>10,000	N	N	2.00	N
LA710C	65 55 57	147 20 3	N	N	N	N	<20	>10,000	N	N	.50	N
LA713C	65 54 56	147 25 24	N	N	N	N	20	>10,000	N	N	5.00	N
LA714C	65 54 51	147 28 22	N	N	N	N	30	>10,000	N	N	2.00	N
LA715C	65 55 28	147 37 27	N	N	N	N	50	>10,000	N	N	.50	N
LA716C	65 55 29	147 37 50	N	N	N	N	20	>10,000	N	N	<.10	N
LA717C	65 55 45	147 45 28	N	N	N	N	100	>10,000	N	N	.50	N
LA718C	65 59 5	147 48 43	N	N	N	N	<20	>10,000	N	N	.10	N
LA719C	65 59 2	147 49 4	N	N	N	N	<20	>10,000	N	N	.20	N
LA722C	65 53 7	147 49 53	N	N	N	N	30	>10,000	N	N	1.00	N
LA723C	65 51 57	147 42 13	N	N	N	N	50	>10,000	N	N	3.00	N
LA727C	65 45 33	147 55 31	N	N	N	N	<20	>10,000	N	N	7.00	N
LA728C	65 45 37	147 55 12	N	N	N	N	20	>10,000	N	N	7.00	N
LA729C	65 45 14	147 48 34	5	N	N	N	30	>10,000	N	N	2.00	N
LA730C	65 45 16	147 48 8	N	N	N	N	30	>10,000	N	N	2.00	N
LA732C	65 45 50	147 46 29	N	N	N	N	100	>10,000	N	N	1.00	N
LA735C	65 50 11	148 1 52	N	N	N	N	20	>10,000	N	N	<.10	N
LA737C	65 46 24	148 4 8	N	N	N	N	70	5,000	N	N	<.10	N
LA744C	65 57 47	148 24 27	N	N	N	N	<20	>10,000	N	N	.50	N
LA747C	65 56 34	148 23 3	N	N	150	>0	50	>10,000	N	N	.20	N
LA752C	65 38 38	147 49 45	N	N	N	N	20	5,000	N	N	10.00	N
LA753C	65 36 11	147 58 48	N	N	N	N	20	10,000	N	N	10.00	N
LA754C	65 39 32	147 54 58	N	N	N	N	50	1,000	N	N	5.00	N
LA755C	65 39 32	147 55 14	N	N	N	N	50	1,000	N	N	15.00	N
LA758C	65 44 24	147 51 58	N	N	N	N	20	>10,000	N	N	1.00	N
LA760C	65 43 20	148 1 26	N	N	N	N	50	>10,000	N	N	3.00	N
LA761C	65 43 25	148 1 28	N	N	N	N	30	>10,000	20	N	10.00	N
LA763C	65 42 6	148 3 48	N	N	N	N	150	>10,000	N	N	10.00	N
LA764C	65 39 36	148 8 44	N	N	N	N	70	7,000	N	N	20.00	N
LA767C	65 40 32	148 20 41	N	N	N	>0	50	10,000	N	N	10.00	N
LA768C	65 39 37	148 16 17	N	N	N	N	20	7,000	N	N	10.00	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	Fe-pct. s	Ga-ppm s	Ge-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s
LA670C	N	70	10	.20	--	--	100	.07	200	N	--	70	N
LA671C	10	200	100	1.00	--	--	300	.70	300	N	--	50	20
LA674C	N	20	N	.15	--	--	N	.50	150	N	--	N	N
LA680C	N	50	<10	.15	--	--	N	.50	300	N	--	200	N
LA681C	N	50	<10	.10	--	--	50	.15	150	N	--	50	N
LA682C	N	30	<10	.10	--	--	50	.15	200	N	--	50	N
LA683C	N	30	N	.10	--	--	<50	.15	200	N	--	50	N
LA685C	N	50	N	.10	--	--	50	.05	100	N	--	50	N
LA686C	N	50	N	.15	--	--	N	.05	70	N	--	<50	N
LA704C	N	20	N	.10	--	--	300	.05	100	N	--	50	N
LA705C	N	50	N	<.10	--	--	N	<.05	50	N	--	50	N
LA706C	<20	150	N	.30	N	N	100	.30	200	N	N	500	N
LA707C	N	150	10	.70	<10	N	200	1.00	150	N	N	N	N
LA708C	N	50	10	.50	<10	N	150	1.00	150	N	N	N	N
LA709C	N	<20	<10	.20	N	N	100	.20	70	N	N	N	N
LA710C	N	<20	N	.15	N	N	<100	.10	50	N	N	N	N
LA713C	N	20	<10	.30	<10	N	300	.20	200	N	N	<50	N
LA714C	N	20	15	.30	<10	N	<100	.10	100	10	N	<50	N
LA715C	N	50	<10	.30	N	N	N	.10	50	N	N	100	N
LA716C	N	<20	N	.30	N	N	N	<.05	30	N	N	N	N
LA717C	N	100	30	.50	N	N	<100	.10	30	N	N	150	N
LA718C	N	20	<10	.10	N	N	<100	<.05	30	N	N	N	N
LA719C	N	20	10	.20	N	N	<100	<.05	50	N	N	N	N
LA722C	N	30	<10	.20	N	N	<100	.05	150	N	N	N	N
LA723C	N	30	<10	.30	N	N	150	.07	150	N	N	50	N
LA727C	<20	100	30	2.00	20	N	150	.10	150	N	N	200	N
LA728C	N	50	10	.20	N	N	100	.10	150	N	N	150	N
LA729C	N	70	20	.50	<10	N	N	.05	70	N	N	100	N
LA730C	N	50	15	.15	N	N	N	.05	100	N	N	70	N
LA732C	N	50	15	.50	<10	N	<100	.07	100	N	N	70	N
LA735C	N	<20	<10	.20	N	N	N	<.05	150	N	N	N	N
LA737C	N	70	20	.50	<10	N	N	.07	50	N	N	70	N
LA744C	N	<20	N	.15	N	N	N	.05	30	N	N	<50	N
LA747C	N	N	<10	.20	N	N	N	.05	200	N	N	<50	N
LA752C	N	200	15	.50	N	N	N	1.00	200	N	<.5	50	N
LA753C	N	70	10	.50	N	N	N	.50	200	N	2.0	<50	N
LA754C	N	100	15	.50	N	N	100	.20	150	N	N	50	N
LA755C	N	100	<10	.70	N	N	300	.50	200	N	N	N	N
LA758C	N	150	10	.30	N	N	N	.20	70	N	N	100	N
LA760C	N	200	50	3.00	N	N	<100	.05	100	N	N	150	N
LA761C	N	150	15	.50	N	N	100	.30	500	N	N	50	N
LA763C	N	500	20	.70	N	N	500	.50	500	N	N	<50	N
LA764C	N	150	<10	.70	N	N	1,000	.50	500	N	N	<50	N
LA767C	<20	150	70	2.00	N	N	200	.70	300	N	N	50	<10
LA768C	N	50	<10	.20	N	N	100	1.00	100	N	N	N	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	P-pct. s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
LA670C	--	200	<200	30	<20	2,000	N	>2.00	300	N	100	5,000	>2,000
LA671C	--	100	N	20	20	1,000	N	2.00	150	N	70	>20,000	>2,000
LA674C	--	300	N	N	N	700	N	.70	50	N	50	N	100
LA680C	--	50	200	30	500	1,000	200	>2.00	100	10,000	200	N	>2,000
LA681C	--	20	N	30	N	<200	N	>2.00	20	100	200	N	>2,000
LA682C	--	30	700	30	N	500	N	>2.00	30	<100	200	N	>2,000
LA683C	--	30	N	20	N	N	N	>2.00	20	<100	200	N	>2,000
LA685C	--	20	N	20	<20	N	N	>2.00	20	N	200	N	>2,000
LA686C	--	<20	N	50	N	N	200	>2.00	20	N	200	N	>2,000
LA704C	--	30	N	50	N	<200	N	>2.00	30	N	200	N	>2,000
LA705C	--	20	N	50	N	N	N	>2.00	20	N	300	N	>2,000
LA706C	.7	100	N	50	N	700	N	>2.00	200	N	70	700	700
LA707C	15.0	20	N	N	N	1,000	N	2.00	100	N	100	700	>2,000
LA708C	10.0	30	N	N	N	1,000	N	.70	50	N	100	N	>2,000
LA709C	5.0	<20	N	N	N	1,000	N	1.00	30	N	50	N	>2,000
LA710C	2.0	700	N	N	N	1,000	N	.20	20	N	<20	N	>2,000
LA713C	15.0	100	N	N	N	1,000	N	2.00	50	N	150	N	>2,000
LA714C	7.0	30	N	N	N	1,000	N	1.00	30	N	50	<500	>2,000
LA715C	2.0	N	N	N	N	700	N	>2.00	100	N	50	N	>2,000
LA716C	.5	<20	N	N	N	500	N	.50	20	N	20	N	2,000
LA717C	7.0	30	N	N	N	1,500	N	>2.00	150	N	100	N	>2,000
LA718C	1.0	<20	N	N	N	700	N	2.00	20	N	N	N	1,500
LA719C	1.0	<20	N	N	N	700	N	.20	30	N	<20	500	1,000
LA722C	7.0	200	N	N	N	700	N	.30	30	N	50	5,000	1,000
LA723C	10.0	<20	N	N	N	1,000	N	1.50	30	N	70	N	>2,000
LA727C	10.0	<20	N	N	N	1,000	N	>2.00	100	N	150	3,000	>2,000
LA728C	15.0	<20	N	N	N	1,000	N	>2.00	50	N	100	500	>2,000
LA729C	7.0	1,000	N	N	N	700	N	>2.00	100	N	100	N	>2,000
LA730C	10.0	20	N	N	N	700	N	>2.00	70	N	70	N	>2,000
LA732C	7.0	1,000	N	20	N	1,000	N	>2.00	70	N	100	N	>2,000
LA735C	.5	<20	N	N	N	700	N	1.00	20	N	N	N	500
LA737C	2.0	20	N	N	N	N	N	>2.00	50	N	200	N	>2,000
LA744C	.5	N	N	N	500	700	N	>2.00	150	N	70	N	>2,000
LA747C	.7	N	N	N	70	1,000	N	2.00	50	N	<20	N	>2,000
LA752C	15.0	<20	N	N	50	200	N	>2.00	150	N	100	N	>2,000
LA753C	10.0	<20	N	N	N	<200	N	>2.00	100	N	100	N	>2,000
LA754C	7.0	20	N	N	N	500	N	>2.00	200	N	100	N	70
LA755C	20.0	N	N	N	N	1,000	N	>2.00	150	N	200	N	500
LA758C	3.0	20	N	N	N	500	N	>2.00	200	N	200	1,000	>2,000
LA760C	10.0	<20	N	N	N	1,500	N	>2.00	500	N	300	N	>2,000
LA761C	15.0	20	N	N	N	1,000	N	>2.00	100	N	150	N	2,000
LA763C	20.0	<20	N	N	N	2,000	N	>2.00	300	1,000	500	N	2,000
LA764C	20.0	N	N	N	N	2,000	N	>2.00	150	2,000	500	N	2,000
LA767C	15.0	30	N	N	N	1,000	N	>2.00	200	1,000	200	N	2,000
LA768C	20.0	<20	N	N	N	1,000	N	>2.00	200	N	150	N	2,000

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	Au-ppm s	Au-vis	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Cd-ppm s
LA769C	65 41 0	148 20 22	N	N	N	N	30	5,000	N	N	.10	N
LA770C	65 43 29	148 22 36	N	N	N	N	<20	>10,000	N	N	.50	N
LA772C	65 44 44	148 8 58	N	N	N	N	<20	>10,000	N	N	1.00	N
LA773C	65 43 39	148 17 50	N	N	N	N	50	>10,000	N	N	1.00	N
LA774C	65 43 38	148 28 25	N	N	200	>0	20	>10,000	N	N	.50	N
LA780C	65 45 30	148 46 48	N	N	N	N	<20	>10,000	N	N	<.10	N
LA782C	65 48 0	148 33 15	N	N	N	N	<20	>10,000	N	N	2.00	N
LA783C	65 26 40	149 0 12	N	N	N	N	30	>10,000	N	N	50.00	N
LA784C	65 26 42	149 4 0	N	N	N	N	<20	>10,000	N	N	20.00	N
LA788C	65 23 49	149 8 12	N	N	N	N	50	>10,000	N	N	.70	N
LA790C	65 22 31	149 10 15	N	N	N	N	100	>10,000	N	N	2.00	N
LA791C	65 21 23	149 9 41	N	N	N	N	<20	3,000	N	N	1.50	N
LA795C	65 21 22	149 14 45	N	N	N	N	50	>10,000	N	N	5.00	N
LA796C	65 22 20	149 21 21	N	N	N	N	<20	>10,000	N	N	1.00	N
LA797C	65 21 58	149 22 44	N	N	N	N	30	>10,000	N	N	7.00	N
LA799C	65 25 31	149 25 36	70	N	N	N	20	>10,000	N	N	.15	N
LA804C	65 51 4	148 15 23	N	N	N	N	50	>10,000	N	N	.50	N
LA810C	65 45 18	148 16 51	N	N	N	>0	<20	>10,000	N	N	.15	N
LA812C	65 34 26	147 56 21	N	N	N	N	50	5,000	N	N	5.00	N
LA813C	65 35 55	147 51 34	N	N	N	N	30	7,000	N	N	10.00	N
LA814C	65 36 25	147 58 40	N	N	N	N	20	>10,000	N	N	7.00	N
LA815C	65 38 24	147 56 13	N	N	N	N	70	1,000	N	N	10.00	N
LA818C	65 44 15	147 51 40	N	N	N	N	70	>10,000	N	N	.70	N
LA819C	65 44 22	147 51 41	N	N	N	N	150	>10,000	N	N	1.00	N
LA821C	65 43 14	148 1 31	100	N	>1,000	>0	100	10,000	N	N	1.00	N
LA823C	65 42 8	148 4 3	N	N	N	N	200	7,000	N	N	.30	N
LA826C	65 43 7	148 59 23	N	N	<20	>0	100	>10,000	N	N	.50	N
LA827C	65 45 27	148 58 34	N	N	N	N	50	>10,000	N	N	.50	N
LA832C	65 51 32	148 44 36	N	N	N	N	50	>10,000	N	N	.50	N
LA833C	65 53 51	148 38 19	N	N	N	N	<20	>10,000	N	N	.20	N
LA838C	65 26 33	149 0 5	10	N	500	>0	100	>10,000	N	N	1.00	N
LA842C	65 23 49	149 7 51	N	N	N	N	50	>10,000	N	N	1.00	N
LA845C	65 22 34	149 10 35	N	N	N	N	50	>10,000	N	N	.70	N
LA849C	65 20 8	149 17 10	N	N	N	N	200	>10,000	N	N	.70	N
LA850C	65 21 16	149 14 49	N	N	N	>0	200	>10,000	N	N	.70	N
LA851C	65 22 22	149 18 57	N	N	N	N	20	>10,000	N	N	.10	N
LA852C	65 21 50	149 22 49	N	N	N	N	50	10,000	N	N	.50	N
LA856C	65 55 58	148 55 58	N	N	N	N	50	>10,000	N	N	.70	N
LA859C	65 50 3	149 16 36	N	N	N	N	20	>10,000	N	N	.50	N
LA860C	65 21 31	149 47 5	300	>20,000	>1,000	>0	<20	>10,000	N	>2,000	.70	N
LA861C	65 21 39	149 50 16	N	N	N	>0	100	5,000	N	N	3.00	N
LA862C	65 22 6	149 51 27	N	15,000	N	>0	<20	>10,000	N	N	1.00	N
LA864C	65 22 35	149 59 37	N	N	N	N	300	>10,000	N	N	.70	N
LA865C	65 19 9	149 59 22	N	<500	N	N	20	200	N	N	10.00	N
LA866C	65 17 59	149 49 44	N	N	N	N	150	3,000	N	N	.20	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	Fe-pct. s	Ga-ppm s	Ge-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s
LA769C	<20	1,500	<10	.30	N	N	N	.50	200	N	N	100	N
LA770C	N	<20	N	.20	N	N	N	.05	50	N	N	N	N
LA772C	20	70	20	5.00	N	N	N	.10	100	N	N	150	<10
LA773C	N	150	30	.50	N	N	<100	.15	150	N	N	100	N
LA774C	N	20	20	.20	N	N	N	.05	50	N	N	50	N
LA780C	N	<20	10	.30	N	N	N	.10	500	N	N	N	N
LA782C	N	N	<10	.50	N	N	<100	.10	200	N	N	N	N
LA783C	N	150	50	1.00	<10	N	150	.50	1,000	N	N	N	N
LA784C	N	<20	200	.50	N	N	<100	.10	1,500	N	N	N	N
LA788C	N	100	15	.30	<10	N	200	.15	100	N	N	N	N
LA790C	<20	200	20	5.00	20	N	100	.20	200	N	N	N	N
LA791C	N	50	200	3.00	<10	N	N	.05	200	N	N	N	N
LA795C	N	100	100	1.50	10	N	300	.20	100	N	N	N	N
LA796C	N	70	70	.15	N	N	<100	.05	100	N	N	N	N
LA797C	N	<20	10	.15	N	N	500	.10	500	N	N	N	N
LA799C	N	N	20	.30	N	N	N	.05	300	N	N	N	N
LA804C	N	500	15	1.00	N	N	<100	.20	500	N	N	<50	20
LA810C	N	N	<10	.20	N	N	N	<.05	150	N	N	N	N
LA812C	N	300	15	1.00	20	N	100	.50	700	N	N	<50	<10
LA813C	N	20	<10	.70	N	N	N	.50	500	N	<.5	<50	N
LA814C	<20	1,500	15	1.50	<10	N	150	.30	700	N	<.5	N	20
LA815C	<20	500	50	1.50	20	N	200	.30	700	N	N	<50	N
LA818C	N	150	15	1.00	<10	N	150	.50	300	N	N	100	N
LA819C	N	1,000	50	.70	N	N	<100	.50	500	N	<.5	N	N
LA821C	<20	500	15	2.00	20	N	700	1.00	500	N	N	70	20
LA823C	20	200	20	3.00	20	N	500	.20	300	N	N	70	N
LA826C	N	100	<10	.20	N	N	N	.10	150	N	N	70	N
LA827C	N	100	10	.70	N	N	N	.20	500	N	N	N	N
LA832C	N	100	10	.70	N	N	N	.20	700	N	N	N	N
LA833C	N	N	20	.70	N	N	N	.10	200	N	N	N	N
LA838C	N	100	15	.70	20	N	<100	.20	200	N	N	N	N
LA842C	N	150	20	.50	<10	N	300	.30	300	N	N	N	N
LA845C	N	50	10	.20	<10	N	100	.05	100	N	N	N	N
LA849C	N	150	10	.30	<10	N	<100	.10	150	N	N	50	N
LA850C	<20	200	500	.70	20	N	<100	.10	100	N	N	50	N
LA851C	N	<20	10	.30	N	N	<100	.05	200	N	N	N	N
LA852C	N	100	<10	.20	20	N	<100	.05	100	N	N	N	N
LA856C	<20	150	10	1.50	<10	N	N	.15	100	N	N	100	N
LA859C	N	<20	15	.20	<10	N	N	.05	200	N	N	N	N
LA860C	70	<20	70	10.00	<10	N	N	<.05	70	50	N	N	20
LA861C	N	200	20	1.00	50	N	100	.10	500	<10	N	70	N
LA862C	N	<20	<10	.30	N	N	<100	<.05	200	<10	N	N	N
LA864C	20	200	200	10.00	N	N	>2,000	.10	2,000	N	N	150	100
LA865C	N	500	15	.70	<10	N	700	.50	500	<10	N	70	N
LA866C	70	100	150	15.00	30	N	>2,000	.70	3,000	N	N	200	200

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	P-pct. s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
LA769C	2.0	100	N	N	N	700	N	>2.00	300	N	200	N	2,000
LA770C	7.0	N	N	N	N	2,000	N	.50	30	N	50	N	>2,000
LA772C	15.0	<20	N	N	N	700	N	>2.00	150	N	500	N	>2,000
LA773C	15.0	<20	N	N	N	1,000	N	>2.00	200	N	100	N	>2,000
LA774C	5.0	N	N	N	20	1,000	N	>2.00	100	N	70	N	>2,000
LA780C	<.5	N	N	N	N	3,000	N	.30	30	N	N	N	1,000
LA782C	20.0	N	N	N	N	N	N	>2.00	100	N	150	N	>2,000
LA783C	>20.0	20	N	N	N	700	N	1.50	100	N	500	N	1,000
LA784C	>20.0	N	N	N	N	1,000	N	.07	70	N	200	1,000	100
LA788C	10.0	<20	N	N	N	700	N	>2.00	150	N	500	N	>2,000
LA790C	10.0	<20	N	N	N	700	N	2.00	150	N	100	5,000	>2,000
LA791C	7.0	<20	N	N	N	2,000	N	2.00	50	N	50	1,000	2,000
LA795C	15.0	N	N	N	N	500	N	>2.00	100	N	200	7,000	>2,000
LA796C	5.0	<20	N	N	N	700	N	>2.00	100	N	30	N	>2,000
LA797C	20.0	N	N	N	N	500	N	1.00	50	N	300	N	>2,000
LA799C	.7	10,000	N	N	N	3,000	N	.20	<20	N	N	N	500
LA804C	2.0	<20	N	N	N	1,000	N	>2.00	150	100	70	N	>2,000
LA810C	1.0	N	N	N	N	700	N	1.00	30	N	20	N	>2,000
LA812C	.7	N	N	N	150	N	N	>2.00	100	<50	30	N	>2,000
LA813C	3.0	N	N	N	N	1,000	N	>2.00	200	N	N	N	>2,000
LA814C	10.0	20	N	N	N	500	N	>2.00	300	N	70	N	2,000
LA815C	15.0	30	N	N	N	1,000	N	>2.00	500	N	200	N	1,000
LA818C	7.0	50	N	N	N	1,000	N	>2.00	200	N	150	N	>2,000
LA819C	5.0	20	N	N	N	N	N	>2.00	200	N	70	<500	100
LA821C	7.0	20	N	N	N	<200	N	>2.00	300	500	200	N	>2,000
LA823C	2.0	50	N	N	N	N	N	>2.00	200	N	500	N	>2,000
LA826C	3.0	<20	N	N	500	700	N	>2.00	150	N	100	N	>2,000
LA827C	.5	<20	N	N	N	1,000	N	1.50	150	<50	N	N	500
LA832C	.5	N	N	N	N	1,000	N	1.00	150	<50	N	<500	500
LA833C	<.5	N	N	N	70	2,000	N	.30	30	N	N	<500	1,000
LA838C	7.0	<20	N	N	N	500	N	>2.00	150	200	200	N	>2,000
LA842C	15.0	70	N	N	N	1,500	N	>2.00	200	N	50	N	N
LA845C	7.0	N	N	N	N	500	N	>2.00	200	N	200	N	>2,000
LA849C	7.0	<20	N	N	N	700	N	>2.00	200	N	150	N	>2,000
LA850C	5.0	<20	N	N	N	700	N	>2.00	300	N	200	5,000	>2,000
LA851C	.5	N	N	N	N	1,000	N	.50	50	N	N	N	500
LA852C	3.0	N	N	N	N	N	N	1.50	70	50	200	N	>2,000
LA856C	1.0	100	N	N	200	N	N	>2.00	200	N	150	N	>2,000
LA859C	1.0	N	N	N	N	1,000	N	.50	30	100	N	5,000	300
LA860C	.7	1,000	1,000	N	>2,000	1,000	N	.50	30	20,000	50	N	1,500
LA861C	2.0	<20	N	N	100	500	N	>2.00	300	3,000	200	N	100
LA862C	1.0	N	N	N	>2,000	700	N	.30	30	2,000	50	N	1,000
LA864C	5.0	1,000	N	N	N	1,500	N	2.00	100	N	200	500	>2,000
LA865C	10.0	1,000	10,000	N	100	N	N	>2.00	200	300	700	N	>2,000
LA866C	3.0	500	2,000	N	N	1,000	300	1.00	150	N	200	700	300

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	Au-ppm s	Au-vis	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Cd-ppm s
LA867C	65 17 26	149 52 47	100	20,000	>1,000	>0	100	10,000	N	N	.70	N
LA868C	65 20 20	149 46 46	N	N	N	N	100	200	N	N	1.00	N
LA869C	65 26 19	148 3 4	N	N	N	N	20	>10,000	N	N	.50	N
LA870C	65 27 8	147 59 1	N	N	N	N	70	5,000	N	N	.20	N
LA871C	65 27 5	147 58 55	N	N	N	N	30	>10,000	N	N	5.00	N
LA872C	65 15 53	148 17 2	N	N	N	N	150	2,000	N	N	.20	N
LA874C	65 13 31	148 20 27	N	N	N	N	100	>10,000	N	N	.70	N
LA875C	65 11 29	148 21 34	N	N	N	N	500	>10,000	<2	N	.50	N
LA876C	65 10 8	148 26 8	N	N	N	N	500	2,000	2	N	.50	N
LA878C	65 4 46	148 32 50	N	1,500	N	>0	30	2,000	<2	N	.70	N
LA881C	65 25 1	149 42 8	N	500	N	N	20	>10,000	N	N	5.00	N
LA882C	65 26 25	149 33 35	N	N	N	N	500	2,000	<2	N	.20	N
LA883C	65 23 4	149 42 31	N	2,000	N	N	20	>10,000	N	N	.50	N
LA884C	65 21 31	149 43 47	1	5,000	N	N	500	>10,000	N	N	1.00	N
LA885C	65 20 17	149 42 16	N	N	200	>0	50	>10,000	N	N	1.00	N
LA890C	65 19 37	149 29 31	N	N	N	N	<20	>10,000	N	N	1.50	N
LA894C	65 51 27	149 54 26	N	N	20	>0	30	5,000	N	N	1.00	N
LA895C	65 49 56	149 55 10	N	N	N	N	20	>10,000	N	N	5.00	N
LA897C	65 45 7	149 56 47	N	N	N	N	<20	>10,000	N	N	2.00	N
LA899C	65 46 33	149 58 49	N	N	N	N	50	1,500	N	N	.70	N
LA900C	65 53 44	147 48 58	N	N	N	N	<20	>10,000	N	N	<.10	N
LA901C	65 53 47	147 48 47	N	N	N	N	20	>10,000	10	N	.10	N
LA906C	65 47 23	147 51 51	N	N	N	N	20	>10,000	N	N	.70	N
LA907C	65 47 26	147 51 35	N	N	N	N	20	>10,000	15	N	5.00	N
LA908C	65 47 17	147 51 29	N	N	N	N	20	>10,000	N	N	3.00	N
LA912C	65 50 33	148 6 14	N	N	N	N	20	>10,000	N	N	.50	N
LA923C	65 54 42	148 19 27	N	N	N	N	500	>10,000	N	N	.20	N
LA932C	65 46 56	148 16 14	N	N	N	N	<20	>10,000	N	N	.15	N
LA935C	65 45 25	148 17 9	N	N	N	N	20	>10,000	N	N	.20	N
LA937C	65 46 22	148 9 15	N	N	N	N	20	>10,000	N	N	<.10	N
LA939C	65 40 31	148 20 26	N	N	N	N	30	5,000	N	N	7.00	N
LA941C	65 40 13	148 21 1	100	N	>1,000	>0	50	5,000	N	N	2.00	N
LA942C	65 42 8	148 23 2	N	N	N	N	20	>10,000	N	N	.10	N
LA943C	65 44 4	148 19 21	N	N	N	N	20	>10,000	N	N	.30	N
LA944C	65 44 48	148 8 45	N	N	N	N	20	>10,000	N	N	3.00	N
LA945C	65 44 3	148 28 37	N	N	N	N	30	>10,000	N	N	2.00	N
LA952C	65 43 45	148 58 55	N	N	N	N	20	>10,000	N	N	.15	N
LA953C	65 43 31	148 52 10	N	N	N	N	20	>10,000	N	N	.30	N
LA954C	65 43 26	148 51 45	N	N	N	N	20	>10,000	N	N	3.00	N
LA957C	65 50 39	148 51 24	N	N	N	N	20	>10,000	N	N	.70	N
LA968C	65 26 28	149 29 53	2	N	50	>0	50	5,000	N	N	5.00	N
LA970C	65 30 14	149 36 16	1	N	200	>0	<20	>10,000	100	150	.70	N
LA972C	65 34 26	149 39 31	N	N	N	N	20	>10,000	N	N	.50	N
LA973C	65 37 19	149 36 7	50	N	>1,000	>0	30	>10,000	N	N	.50	N
LA977C	65 56 2	148 55 47	N	N	N	N	30	>10,000	N	N	.70	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	Fe-pct. s	Ga-ppm s	Ge-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s
LA867C	<20	200	20	2.00	20	N	1,000	.20	100	15	N	70	N
LA868C	N	150	100	1.00	30	N	<100	.20	300	N	N	200	N
LA869C	N	50	10	.50	<10	N	<100	.10	150	N	N	N	N
LA870C	N	100	<10	3.00	<10	30	<100	.07	50	N	N	50	N
LA871C	N	100	10	.50	N	N	N	.70	200	N	N	50	N
LA872C	N	300	15	1.50	<10	N	100	.15	200	N	N	50	N
LA874C	N	70	10	.50	<10	N	<100	3.00	200	N	N	70	N
LA875C	20	150	70	5.00	30	N	100	.50	500	N	.5	70	N
LA876C	N	200	50	1.50	30	N	150	.30	200	N	N	50	N
LA878C	N	50	50	.50	<10	N	N	<.05	100	N	N	50	N
LA881C	N	100	50	2.00	20	N	<100	.30	150	N	N	N	N
LA882C	<20	500	20	2.00	70	N	100	.20	700	N	N	N	N
LA883C	<20	<20	20	.50	<10	N	N	<.05	700	N	N	N	N
LA884C	50	100	500	15.00	20	N	100	.10	500	N	N	N	50
LA885C	N	100	10	1.00	20	N	150	.07	300	N	N	N	N
LA890C	N	200	30	.50	N	N	<100	.20	50	N	N	N	N
LA894C	N	100	<10	.30	<10	N	<100	.30	500	N	<.5	50	N
LA895C	<20	150	50	1.50	<10	N	<100	1.50	1,000	N	<.5	N	<10
LA897C	N	70	<10	.50	N	N	N	.50	300	N	N	N	N
LA899C	N	100	<10	1.00	<10	N	100	.20	200	N	N	<50	N
LA900C	N	<20	<10	.20	N	N	<100	<.05	150	N	N	N	N
LA901C	N	<20	<10	.30	N	N	N	<.05	100	N	N	N	N
LA906C	N	50	<10	.30	N	N	<100	.05	100	N	N	100	N
LA907C	N	70	<10	.30	N	N	150	.07	300	N	N	100	N
LA908C	N	150	10	.30	N	N	150	.10	200	N	N	200	N
LA912C	N	<20	<10	.30	N	N	<100	.05	300	N	N	N	N
LA923C	20	20	20	5.00	<10	N	N	.05	100	N	N	<50	N
LA932C	N	<20	<10	.10	N	N	N	<.05	150	N	N	N	N
LA935C	N	<20	<10	1.00	N	N	N	.05	200	N	N	N	N
LA937C	N	<20	<10	.20	N	N	N	<.05	100	N	N	<50	N
LA939C	N	70	20	1.00	N	N	150	.10	150	N	N	N	N
LA941C	30	200	20	2.00	<10	N	<100	.10	100	N	N	100	N
LA942C	N	<20	<10	.30	N	N	N	<.05	150	N	N	N	N
LA943C	<20	20	15	.20	N	N	N	<.05	150	N	N	<50	N
LA944C	N	300	20	1.50	N	N	<100	.07	150	N	N	200	N
LA945C	N	<20	<10	.50	10	N	N	.07	300	N	N	N	N
LA952C	N	<20	<10	.20	N	N	N	.05	300	N	N	N	N
LA953C	N	20	<10	.30	N	N	N	.07	500	N	N	N	N
LA954C	N	70	<10	.30	N	N	<100	.10	700	N	N	70	N
LA957C	N	50	15	.50	N	N	N	.07	200	N	N	N	N
LA968C	50	100	50	10.00	20	N	300	.30	300	50	N	N	70
LA970C	100	20	1,000	.30	N	N	<100	<.05	100	N	N	N	30
LA972C	<20	200	10	.30	N	N	N	.05	50	N	N	100	N
LA973C	20	500	10	.50	N	N	N	.05	50	N	N	70	N
LA977C	N	100	10	.30	N	N	N	.10	300	N	N	100	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	P-pct. s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
LA867C	5.0	70	N	N	100	1,500	N	>2.00	200	500	300	N	>2,000
LA868C	3.0	N	N	N	N	N	N	2.00	100	2,000	200	2,000	>2,000
LA869C	1.0	<20	N	N	N	500	N	>2.00	100	N	100	20,000	1,000
LA870C	20.0	<20	N	N	1,000	N	N	>2.00	70	<50	200	2,000	>2,000
LA871C	.5	20	<200	N	N	2,000	N	>2.00	200	200	200	5,000	2,000
LA872C	5.0	30	N	N	100	N	N	>2.00	200	N	500	N	>2,000
LA874C	N	<20	N	N	N	500	N	>2.00	100	N	300	N	>2,000
LA875C	3.0	500	N	30	N	200	N	>2.00	200	N	100	500	>2,000
LA876C	2.0	100	N	100	>2,000	N	N	>2.00	200	N	700	N	>2,000
LA878C	5.0	20	N	200	200	N	N	>2.00	100	N	1,000	N	>2,000
LA881C	10.0	70	5,000	N	N	1,000	N	1.00	100	N	70	2,000	200
LA882C	1.0	<20	N	<10	N	N	N	.70	700	N	30	N	500
LA883C	5.0	200	200	15	N	1,000	N	.20	50	N	30	N	>2,000
LA884C	10.0	5,000	500	50	20	1,500	N	>2.00	100	N	100	5,000	>2,000
LA885C	10.0	70	N	200	30	<200	N	>2.00	200	N	700	N	>2,000
LA890C	5.0	<20	N	50	N	700	N	>2.00	300	N	150	N	>2,000
LA894C	7.0	20	N	30	>2,000	N	N	>2.00	150	N	70	N	>2,000
LA895C	5.0	7,000	N	15	700	700	N	>2.00	3,000	N	30	700	>2,000
LA897C	<.5	<20	N	N	70	2,000	N	.30	30	N	N	N	1,000
LA899C	3.0	<20	N	N	N	N	N	>2.00	200	N	50	N	700
LA900C	.5	N	N	N	N	700	N	.15	20	N	N	500	100
LA901C	.5	<20	N	N	N	700	N	.30	30	N	N	N	2,000
LA906C	5.0	20	N	N	N	1,000	N	>2.00	100	N	70	N	>2,000
LA907C	10.0	<20	N	N	N	1,000	N	>2.00	100	N	100	N	>2,000
LA908C	10.0	20	N	N	N	1,000	N	>2.00	200	<50	100	1,000	>2,000
LA912C	3.0	30	N	N	N	700	N	2.00	100	N	50	N	1,000
LA923C	1.0	20	N	N	2,000	700	N	>2.00	100	N	100	N	>2,000
LA932C	1.0	N	N	N	N	1,000	N	.30	20	N	<20	N	2,000
LA935C	1.0	N	N	N	N	1,000	N	.50	30	N	<20	N	2,000
LA937C	.7	<20	N	N	N	500	N	2.00	50	N	50	N	>2,000
LA939C	15.0	20	N	N	N	700	N	2.00	200	150	200	N	>2,000
LA941C	10.0	50	N	N	150	500	N	>2.00	300	N	150	N	>2,000
LA942C	.7	N	N	N	N	700	N	.20	20	N	N	N	200
LA943C	3.0	<20	N	N	N	1,000	N	2.00	50	N	50	1,000	2,000
LA944C	15.0	20	N	N	N	1,000	N	>2.00	150	N	200	N	>2,000
LA945C	2.0	<20	N	N	N	1,000	N	1.50	100	N	N	N	2,000
LA952C	1.0	N	N	N	N	1,000	N	.20	30	N	N	N	1,500
LA953C	3.0	N	N	N	N	700	N	2.00	50	N	50	N	>2,000
LA954C	10.0	<20	N	N	N	1,500	N	>2.00	100	N	100	N	>2,000
LA957C	3.0	N	N	N	N	1,000	N	>2.00	100	1,000	20	N	500
LA968C	7.0	70	N	N	N	N	N	.50	200	10,000	200	N	>2,000
LA970C	3.0	500	N	N	100	500	N	1.50	50	700	150	N	>2,000
LA972C	2.0	N	N	N	>2,000	N	N	>2.00	300	2,000	200	N	>2,000
LA973C	3.0	<20	N	N	1,000	<200	N	>2.00	300	<50	150	N	>2,000
LA977C	5.0	20	N	N	>2,000	500	N	>2.00	200	N	70	N	>2,000

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	Au-ppm s	Au-vis	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Cd-ppm s
LA979C	65 54 34	149 0 5	N	N	N	N	30	>10,000	N	N	.50	N
LA980C	65 51 21	149 18 22	<1	N	N	N	20	>10,000	N	N	.50	N
LA981C	65 50 1	149 16 50	N	N	N	N	<20	>10,000	N	N	.10	N
LA985C	65 45 30	149 7 51	N	N	N	N	20	>10,000	N	N	.10	N
LA988C	65 49 1	149 6 16	N	N	N	N	30	>10,000	N	N	3.00	N
LA992C	65 52 47	149 34 33	N	N	N	N	30	>10,000	N	N	3.00	N
LA993C	65 47 45	149 29 55	N	N	N	N	30	>10,000	N	N	1.00	N
LA994C	65 47 45	149 34 31	N	N	N	N	<20	>10,000	N	N	.50	N
LA999C	65 24 43	149 54 9	N	5,000	N	N	30	>10,000	N	N	5.00	N
LA1005C	65 13 15	147 0 29	N	N	N	N	70	200	N	N	3.00	N
LA1006C	65 13 23	147 4 24	N	N	N	N	20	200	N	N	3.00	N
LA1009C	65 12 55	147 11 48	N	N	N	N	20	150	N	N	1.00	N
LA1024C	65 25 6	148 53 17	N	N	N	N	50	3,000	N	N	.30	N
LA1025C	65 13 27	149 33 4	N	N	N	N	30	1,000	N	N	.50	N
LA1103C	65 26 49	149 59 53	N	N	N	N	20	>10,000	N	N	5.00	N
LA1105C	65 26 1	149 54 8	N	500	N	N	30	>10,000	N	N	5.00	N
LA1106C	65 28 28	149 54 3	20	N	300	>0	100	>10,000	N	N	.50	N
LA1108C	65 28 39	149 46 37	N	N	N	N	150	>10,000	N	N	1.00	N
LA1111C	65 26 40	149 41 13	1,000	N	>1,000	>0	70	>10,000	N	150	.70	<50
LA1112C	65 26 42	149 41 39	N	N	N	N	70	>10,000	N	N	1.00	300
LA1113C	65 25 10	149 36 28	N	N	30	>0	50	1,000	N	N	5.00	N
LA1114C	65 32 31	149 48 6	N	N	N	N	100	3,000	N	500	1.00	N
LA1115C	65 38 46	149 48 22	N	N	N	>0	70	5,000	20	N	1.00	N
LA1116C	65 37 21	149 53 5	N	N	N	N	70	5,000	5	N	.70	N
LA1117C	65 35 7	149 53 54	N	N	N	N	30	3,000	N	N	2.00	N
LA1119C	65 41 9	149 58 22	N	N	N	N	20	>10,000	N	N	.70	N
LA1122C	65 38 23	149 34 27	N	N	50	>0	200	>10,000	N	N	1.00	N
LA1123C	65 37 37	149 32 41	N	N	N	N	50	5,000	N	N	1.50	N
LA1124C	65 35 51	149 29 40	N	N	N	N	50	>10,000	70	N	.70	N
LA1125C	65 13 33	149 58 57	N	N	N	>0	20	2,000	N	N	1.00	100
LA1126C	65 14 12	149 57 51	50	N	>1,000	>0	20	10,000	N	N	1.00	50
LA1127C	65 15 38	149 55 51	N	N	100	>0	30	5,000	N	N	1.00	100
LA1129C	65 15 38	149 56 6	N	N	N	N	20	1,000	N	N	.50	N
LA1130C	65 16 59	149 54 26	N	N	N	N	50	200	N	N	3.00	N
LA1131C	65 16 11	149 51 22	N	N	N	N	200	2,000	N	N	.50	N
LA1135C	65 13 53	149 2 31	N	N	N	N	20	100	N	N	2.00	50
LA1138C	65 11 46	149 7 4	N	N	N	N	20	200	N	N	2.00	50
LA1139C	65 13 58	149 16 15	N	N	N	N	50	10,000	N	N	.70	N
LA1140C	65 11 44	149 25 48	N	N	N	N	50	500	N	N	.30	N
LA1142C	65 8 2	149 30 32	N	N	N	N	50	>10,000	N	N	.70	N
LA1149C	65 5 3	149 59 33	N	N	N	N	70	10,000	N	N	.70	N
LA1150C	65 0 12	149 57 20	N	N	N	N	100	500	<2	N	.70	N
LA1153C	65 2 22	149 41 7	N	N	N	N	<20	>10,000	N	N	.50	N
LA1158C	65 12 11	149 39 54	N	N	N	N	50	500	N	N	.70	N
LA1159C	65 8 26	149 50 34	N	N	N	N	50	700	N	N	1.00	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	Fe-pct. s	Ga-ppm s	Ge-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s
LA979C	N	150	<10	.20	N	N	N	<.05	30	N	N	100	N
LA980C	N	<20	10	.20	N	N	N	.07	200	N	N	N	N
LA981C	N	N	<10	.20	N	N	N	.05	1,500	N	N	N	N
LA985C	N	<20	10	.30	N	N	N	.07	500	N	N	N	N
LA988C	N	50	20	1.00	N	N	N	.15	1,000	N	N	50	N
LA992C	N	50	30	1.00	<10	N	N	.30	500	N	N	N	N
LA993C	N	300	<10	1.00	<10	N	N	.20	700	N	N	N	N
LA994C	N	N	<10	.20	N	N	N	<.05	100	N	N	N	N
LA999C	30	30	70	1.00	<10	N	<100	.10	500	N	N	<50	N
LA1005C	N	30	10	.30	20	N	N	.10	150	N	1.0	50	N
LA1006C	N	20	<10	.20	<10	N	N	.05	150	N	N	N	N
LA1009C	N	20	10	.30	N	N	N	.07	150	N	<.5	50	N
LA1024C	<20	200	15	.30	N	N	<100	.10	100	N	.5	100	N
LA1025C	N	200	15	.20	20	N	<100	.10	50	N	N	100	N
LA1103C	<20	300	20	.70	N	N	150	.10	200	N	N	100	N
LA1105C	<20	150	50	1.00	N	N	200	.15	1,000	N	N	150	N
LA1106C	<20	200	20	.70	N	N	100	.10	200	N	<.5	200	N
LA1108C	<20	1,000	20	2.00	N	N	200	.10	200	N	N	200	N
LA1111C	30	50	50	2.00	N	N	150	.10	150	10	N	N	50
LA1112C	<20	70	150	3.00	10	N	150	.10	200	N	N	N	<10
LA1113C	N	20	<10	.50	N	N	1,000	.07	500	N	N	N	N
LA1114C	20	200	20	1.50	15	N	100	.30	700	N	.5	150	N
LA1115C	N	200	10	.50	<10	N	100	.10	200	N	N	100	N
LA1116C	N	100	10	.30	10	N	N	.20	100	N	N	50	N
LA1117C	<20	200	10	.30	N	N	100	.15	300	N	N	100	N
LA1119C	N	200	10	.50	N	N	N	.50	300	N	N	N	N
LA1122C	50	200	30	5.00	<10	N	200	.10	200	N	N	100	N
LA1123C	<20	200	20	1.50	<10	N	500	.30	300	N	<.5	70	N
LA1124C	N	70	20	1.00	N	N	<100	.10	300	N	N	50	N
LA1125C	<20	50	<10	.20	<10	N	300	.07	200	<10	N	70	N
LA1126C	N	100	20	.20	<10	N	300	.05	200	<10	N	N	N
LA1127C	N	150	<10	.30	<10	N	300	.10	200	100	N	50	N
LA1129C	N	150	<10	.20	<10	N	<100	<.05	50	N	N	N	N
LA1130C	N	500	30	1.00	<10	N	1,000	1.50	700	N	N	<50	N
LA1131C	50	300	200	20.00	20	N	>2,000	1.00	1,000	N	N	N	300
LA1135C	N	20	<10	.20	<10	N	700	.05	500	N	N	<50	N
LA1138C	N	20	<10	.30	<10	N	300	<.05	200	N	N	50	N
LA1139C	<20	500	20	1.50	N	N	500	.10	150	N	N	70	N
LA1140C	<20	200	<10	.70	N	N	100	.10	70	N	N	<50	N
LA1142C	<20	300	10	.30	<10	N	1,000	.30	200	N	N	50	N
LA1149C	<20	300	<10	.30	N	N	2,000	.50	500	N	N	150	N
LA1150C	<20	150	50	1.00	20	N	<100	.20	200	N	N	70	N
LA1153C	N	<20	<10	.50	N	N	N	.05	200	N	N	N	N
LA1158C	N	500	50	.50	N	N	100	.10	150	N	N	<50	N
LA1159C	N	500	30	2.00	20	N	500	.50	1,000	N	<.5	<50	<10

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	P-pct. s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
LA979C	3.0	<20	N	N	>2,000	N	N	>2.00	200	N	100	N	>2,000
LA980C	2.0	N	N	N	N	1,500	N	.30	30	N	<20	500	1,500
LA981C	<.5	N	N	N	N	1,500	N	.05	20	N	N	1,000	200
LA985C	<.5	N	N	N	N	1,500	N	.10	30	N	N	N	500
LA988C	5.0	N	N	N	N	N	N	>2.00	500	N	50	2,000	700
LA992C	5.0	200	N	N	N	N	N	2.00	700	N	100	N	2,000
LA993C	3.0	<20	N	N	N	500	N	>2.00	500	N	70	N	>2,000
LA994C	2.0	<20	N	N	N	N	N	1.50	50	N	N	N	2,000
LA999C	10.0	<20	N	N	N	1,500	N	>2.00	100	N	100	10,000	700
LA1005C	10.0	5,000	N	N	70	500	N	>2.00	50	N	200	N	>2,000
LA1006C	7.0	20	N	N	N	N	N	>2.00	30	N	500	N	>2,000
LA1009C	15.0	20	N	N	N	N	N	>2.00	50	N	500	N	>2,000
LA1024C	3.0	30	N	N	N	N	N	>2.00	200	N	200	N	>2,000
LA1025C	7.0	100	N	N	20	N	N	>2.00	150	N	200	N	>2,000
LA1103C	10.0	<20	N	N	N	700	N	>2.00	500	N	100	1,000	>2,000
LA1105C	10.0	<20	N	N	N	1,500	N	>2.00	200	200	100	N	2,000
LA1106C	5.0	20	N	N	200	700	N	>2.00	200	<50	200	N	>2,000
LA1108C	10.0	150	<200	N	N	500	N	>2.00	300	N	200	5,000	>2,000
LA1111C	7.0	500	N	N	2,000	1,000	N	2.00	100	3,000	150	2,000	>2,000
LA1112C	7.0	100	<200	N	N	2,000	N	1.50	100	3,000	70	20,000	1,500
LA1113C	15.0	<20	N	N	N	N	N	.50	50	700	500	N	>2,000
LA1114C	5.0	30	N	N	1,000	N	N	>2.00	200	200	300	N	>2,000
LA1115C	10.0	<20	N	N	500	500	N	>2.00	200	N	300	N	>2,000
LA1116C	3.0	200	N	N	500	N	N	>2.00	150	50	100	N	>2,000
LA1117C	10.0	<20	N	N	N	N	N	>2.00	300	N	500	N	>2,000
LA1119C	1.0	N	N	N	N	2,000	N	.50	50	N	N	N	1,000
LA1122C	5.0	100	N	N	>2,000	500	N	>2.00	200	10,000	200	1,500	>2,000
LA1123C	5.0	100	N	N	N	N	N	>2.00	300	<50	100	1,500	>2,000
LA1124C	5.0	N	N	N	N	1,000	N	>2.00	200	10,000	70	N	1,000
LA1125C	5.0	N	N	N	50	N	200	>2.00	200	1,000	500	N	>2,000
LA1126C	7.0	30	N	N	70	N	N	>2.00	100	300	500	N	>2,000
LA1127C	5.0	100	500	N	N	300	<200	>2.00	150	10,000	300	N	>2,000
LA1129C	3.0	N	N	N	100	N	N	.70	50	1,000	200	N	>2,000
LA1130C	15.0	<20	2,000	N	N	N	<200	>2.00	200	1,500	500	N	>2,000
LA1131C	7.0	1,000	5,000	N	N	1,000	200	1.00	150	N	200	N	>2,000
LA1135C	10.0	N	N	N	N	N	500	>2.00	100	N	500	N	>2,000
LA1138C	5.0	<20	N	N	N	N	N	>2.00	100	N	500	N	>2,000
LA1139C	5.0	50	N	N	N	1,000	N	>2.00	200	N	100	N	>2,000
LA1140C	2.0	<20	N	N	N	N	N	>2.00	200	N	200	N	>2,000
LA1142C	5.0	<20	1,000	N	N	2,000	N	>2.00	200	N	300	N	>2,000
LA1149C	7.0	<20	N	N	500	N	N	>2.00	300	N	500	N	>2,000
LA1150C	1.5	30	N	70	<20	N	N	>2.00	200	N	300	N	>2,000
LA1153C	.5	<20	N	N	N	1,000	N	.10	30	N	N	<500	500
LA1158C	2.0	<20	N	30	N	N	N	>2.00	300	N	150	N	>2,000
LA1159C	3.0	20	N	30	N	500	N	>2.00	200	N	200	N	>2,000

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	Au-ppm s	Au-vis	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Cd-ppm s
LA1161C	65 7 27	149 54 56	N	N	N	N	1,000	10,000	N	N	1.00	N
LA1162C	65 11 46	149 54 50	N	N	N	N	70	5,000	N	N	.70	N
LA1163C	65 11 53	149 59 22	N	N	N	N	70	7,000	N	N	.70	N
LA1164C	65 12 35	149 58 31	N	N	N	N	100	7,000	N	N	.70	N
LA1165C	65 13 21	149 51 33	N	N	N	N	70	10,000	N	N	.70	N
LA1168C	65 11 37	148 9 6	N	N	N	N	70	2,000	2	N	.70	N
LA1169C	65 10 1	148 12 55	N	N	N	N	200	1,000	N	N	.70	N
LA1170C	65 8 28	148 15 27	N	N	N	N	100	3,000	<2	N	.70	N
LA1171C	65 6 43	148 19 13	N	N	N	N	500	>10,000	<2	N	.70	N
LA1172C	65 6 50	148 17 51	N	N	N	N	200	700	N	N	.70	N
LA1173C	65 4 55	148 26 21	N	N	N	N	150	1,000	N	N	.70	N
LA1174C	65 4 59	148 26 21	N	N	N	N	200	700	2	N	.70	N
LA1175C	65 4 49	148 29 47	N	N	N	N	300	2,000	<2	N	.70	N
LA1176C	65 1 32	148 21 4	N	N	N	N	100	500	<2	N	1.00	N
LA1177C	65 1 30	148 14 55	N	N	N	N	70	700	2	N	.70	N
LA1180C	65 4 10	148 3 9	N	N	N	N	70	700	N	N	1.00	N
LA1182C	65 7 18	148 5 1	N	N	N	N	200	500	<2	N	.70	N
LA1184C	65 6 44	148 10 23	N	N	70	>0	150	2,000	<2	N	.50	N
LA1185C	65 9 40	147 54 45	N	N	N	N	20	500	N	N	.50	N
LA1186C	65 9 7	147 51 22	N	N	N	N	30	200	N	N	.50	N
LA1187C	65 1 44	147 42 16	N	N	N	N	30	200	N	N	5.00	N
LA1188C	65 14 43	148 8 10	N	N	N	N	50	>10,000	N	N	.70	N
LA1189C	65 14 52	148 7 51	N	N	N	N	70	5,000	N	N	1.00	N
LA1190C	65 14 44	148 8 29	N	N	N	N	70	>10,000	N	N	.70	N
LA1191C	65 11 46	147 49 33	N	N	N	N	50	200	N	N	.50	N
LA1192C	65 11 48	147 49 13	N	N	N	N	100	300	N	N	.70	N
LA1193C	65 11 11	147 42 2	N	N	N	N	20	200	N	N	.50	N
LA1194C	65 12 15	147 41 31	N	N	70	N	20	200	N	N	.50	N
LA1195C	65 12 20	147 41 46	N	N	N	N	50	100	N	N	1.00	N
LA1196C	65 8 59	147 34 16	N	N	N	N	20	100	N	N	.70	N
LA1198C	65 10 50	147 26 22	N	N	N	N	20	50	N	N	3.00	N
LA1199C	65 12 29	147 28 29	N	N	N	N	70	150	N	N	2.00	N
LA1201C	65 28 21	149 54 7	1	N	N	N	<20	>10,000	N	100	5.00	N
LA1203C	65 28 45	149 46 45	N	N	N	N	20	>10,000	N	50	3.00	N
LA1204C	65 28 55	149 46 28	N	N	N	N	20	3,000	N	N	.50	N
LA1206C	65 29 19	149 38 37	2	N	50	>0	30	>10,000	N	N	.50	N
LA1207C	65 29 10	149 38 18	N	N	N	>0	<20	>10,000	N	N	.50	N
LA1208C	65 26 56	149 40 29	20	N	1,000	>0	<20	>10,000	N	50	2.00	N
LA1209C	65 23 48	149 35 0	N	N	N	N	20	700	N	N	3.00	N
LA1211C	65 25 6	149 41 44	300	7,000	>1,000	>0	<20	>10,000	N	N	.70	N
LA1212C	65 24 59	149 41 48	N	N	N	N	70	>10,000	N	N	2.00	N
LA1213C	65 25 26	149 33 15	200	N	>1,000	>0	200	7,000	N	N	.50	N
LA1214C	65 22 58	149 42 46	1,500	500	>1,000	>0	30	>10,000	N	1,000	1.00	N
LA1218C	65 20 16	149 37 47	N	N	N	N	50	>10,000	N	N	2.00	N
LA1222C	65 20 5	149 29 46	N	N	30	>0	150	5,000	N	N	.70	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	Fe-pct. s	Ga-ppm s	Ge-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s
LA1161C	N	500	100	1.00	<10	N	700	.20	200	N	<.5	<50	N
LA1162C	N	1,000	70	.70	<10	N	2,000	.15	150	N	<.5	<50	N
LA1163C	N	150	200	1.00	N	N	500	.20	100	N	<.5	N	20
LA1164C	N	500	50	1.50	<10	N	>2,000	.15	500	N	N	<50	<10
LA1165C	N	2,000	100	1.50	<10	N	200	.30	1,000	N	<.5	<50	<10
LA1168C	<20	70	50	.70	<10	N	<100	.15	150	N	N	N	N
LA1169C	20	100	70	1.50	<10	N	100	.20	1,000	N	<.5	50	N
LA1170C	70	70	200	10.00	20	N	100	.20	150	N	<.5	50	70
LA1171C	50	100	100	2.00	20	N	200	.30	200	N	<.5	<50	N
LA1172C	<20	70	50	1.50	20	N	100	.30	300	N	<.5	50	N
LA1173C	20	70	70	1.50	<10	N	<100	.20	500	N	<.5	100	N
LA1174C	20	100	700	2.00	20	N	<100	.20	300	N	<.5	70	N
LA1175C	20	150	100	2.00	30	N	300	.20	500	N	<.5	<50	N
LA1176C	20	100	70	1.50	20	N	100	.20	500	N	<.5	100	N
LA1177C	50	150	70	1.50	20	N	100	.15	700	N	<.5	100	N
LA1180C	20	70	70	1.00	<10	N	<100	.15	150	N	N	50	N
LA1182C	<20	100	50	1.00	<10	N	<100	.15	200	N	<.5	50	N
LA1184C	20	70	50	1.00	<10	N	150	.20	150	N	N	50	N
LA1185C	N	N	<10	.20	N	N	N	<.05	50	N	N	<50	N
LA1186C	N	<20	10	.30	N	N	N	<.05	50	N	N	N	N
LA1187C	N	20	<10	.50	N	N	N	.07	200	N	N	70	N
LA1188C	N	50	15	.20	N	N	N	.05	70	N	N	N	N
LA1189C	N	50	15	.30	N	N	N	.05	70	N	N	50	N
LA1190C	N	30	<10	.20	N	N	N	.05	70	N	N	N	N
LA1191C	N	20	<10	.50	N	N	N	<.05	100	N	N	N	N
LA1192C	<20	<20	10	.50	N	N	N	.05	50	N	N	N	N
LA1193C	N	<20	<10	.20	N	N	N	<.05	20	N	N	N	N
LA1194C	N	20	<10	.20	N	N	N	<.05	30	N	N	N	N
LA1195C	N	<20	<10	.20	N	N	N	<.05	50	N	N	N	N
LA1196C	N	N	10	.20	N	N	N	<.05	50	N	N	N	N
LA1198C	N	20	<10	.30	N	N	N	.05	100	N	N	N	N
LA1199C	N	30	50	.30	N	N	N	.05	100	N	N	N	N
LA1201C	N	30	30	.30	N	N	<100	.05	700	N	N	<50	N
LA1203C	30	100	100	10.00	<10	N	<100	.10	200	70	N	100	N
LA1204C	100	100	100	15.00	20	N	N	.07	50	N	N	70	70
LA1206C	N	100	<10	.30	<10	N	N	.05	500	N	N	70	N
LA1207C	N	N	30	.50	N	N	100	<.05	150	N	N	N	N
LA1208C	20	<20	200	7.00	<10	N	300	.05	200	N	N	N	100
LA1209C	N	20	<10	.20	N	N	700	.05	500	N	N	N	N
LA1211C	70	<20	50	5.00	N	N	N	<.05	100	N	N	N	20
LA1212C	N	150	150	2.00	N	N	<100	.20	300	N	N	50	N
LA1213C	N	300	15	1.00	30	N	<100	.15	200	N	N	N	N
LA1214C	N	<20	50	2.00	20	N	100	.07	150	20	N	50	<10
LA1218C	N	100	<10	1.50	N	N	300	.07	200	N	N	N	N
LA1222C	N	200	10	.30	50	N	150	.10	300	N	N	N	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	P-pct. s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
LA1161C	5.0	<20	N	20	70	<200	N	>2.00	200	N	150	N	>2,000
LA1162C	3.0	<20	N	50	N	N	N	>2.00	200	N	150	N	>2,000
LA1163C	3.0	20	N	30	N	200	N	>2.00	100	N	300	N	>2,000
LA1164C	3.0	70	N	100	30	700	N	>2.00	200	N	500	700	>2,000
LA1165C	2.0	70	N	30	100	200	N	>2.00	150	N	100	N	>2,000
LA1168C	3.0	30	N	200	N	N	N	>2.00	70	N	1,000	N	>2,000
LA1169C	3.0	<20	N	50	N	N	N	>2.00	70	N	200	N	>2,000
LA1170C	3.0	30	N	30	N	<200	N	>2.00	50	N	150	N	>2,000
LA1171C	3.0	70	N	70	N	300	N	>2.00	100	N	500	N	>2,000
LA1172C	5.0	50	N	30	N	N	N	>2.00	50	N	200	N	>2,000
LA1173C	2.0	20	N	20	N	N	N	>2.00	70	N	100	N	>2,000
LA1174C	3.0	20	N	70	N	N	N	>2.00	100	N	200	N	>2,000
LA1175C	3.0	50	N	70	1,000	300	N	>2.00	100	N	500	N	>2,000
LA1176C	3.0	30	N	30	N	N	N	>2.00	100	150	100	N	>2,000
LA1177C	.5	30	N	15	N	N	N	>2.00	100	<50	70	500	>2,000
LA1180C	.7	30	N	50	N	N	N	>2.00	50	<50	150	N	>2,000
LA1182C	3.0	30	N	100	N	N	N	>2.00	70	N	200	N	>2,000
LA1184C	3.0	30	N	100	N	N	N	>2.00	100	<50	300	N	>2,000
LA1185C	3.0	70	N	N	N	N	N	>2.00	30	N	200	N	>2,000
LA1186C	5.0	70	N	N	N	N	N	>2.00	50	N	500	N	>2,000
LA1187C	15.0	20	N	N	N	500	N	>2.00	100	300	70	N	>2,000
LA1188C	7.0	100	N	N	N	<200	N	>2.00	100	N	500	N	>2,000
LA1189C	10.0	300	N	N	N	<200	N	>2.00	100	N	300	N	>2,000
LA1190C	5.0	30	N	N	N	N	N	>2.00	100	N	500	N	>2,000
LA1191C	5.0	20	N	N	N	N	N	>2.00	50	N	200	N	>2,000
LA1192C	5.0	30	N	N	N	N	N	>2.00	50	N	200	N	>2,000
LA1193C	3.0	30	N	N	N	N	N	>2.00	50	N	300	N	>2,000
LA1194C	2.0	30	N	N	N	N	N	>2.00	70	N	500	N	>2,000
LA1195C	10.0	300	N	N	N	N	N	>2.00	70	N	300	N	>2,000
LA1196C	5.0	20	N	N	N	N	N	>2.00	30	N	300	N	>2,000
LA1198C	15.0	50	N	N	N	<200	N	>2.00	50	N	100	N	>2,000
LA1199C	7.0	70	N	N	N	N	N	>2.00	100	N	300	N	>2,000
LA1201C	7.0	<20	N	N	N	1,000	N	1.00	50	200	30	1,000	500
LA1203C	10.0	200	N	N	N	700	N	>2.00	100	50	100	500	>2,000
LA1204C	3.0	50	N	N	N	<200	N	>2.00	100	N	200	N	>2,000
LA1206C	5.0	N	N	N	N	200	N	>2.00	100	300	70	500	>2,000
LA1207C	5.0	N	N	N	300	700	N	.30	30	300	70	1,500	>2,000
LA1208C	7.0	100	N	N	N	<200	N	.30	20	500	700	3,000	>2,000
LA1209C	20.0	<20	N	N	N	N	N	.20	30	500	500	N	>2,000
LA1211C	10.0	10,000	N	N	>2,000	2,000	N	.50	50	2,000	30	2,000	2,000
LA1212C	10.0	2,000	N	N	N	2,000	N	1.00	100	<50	200	3,000	>2,000
LA1213C	2.0	70	N	N	70	N	N	2.00	1,000	10,000	50	N	>2,000
LA1214C	7.0	100	N	N	2,000	2,000	N	>2.00	100	7,000	150	1,000	>2,000
LA1218C	10.0	<20	N	N	N	2,000	N	2.00	100	N	200	N	>2,000
LA1222C	5.0	200	500	N	N	N	N	.70	300	N	200	N	>2,000

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	Au-ppm s	Au-vis	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Cd-ppm s
LA1223C	65 20 0	149 29 53	N	N	N	N	100	3,000	N	N	1.00	N
LA1228C	65 36 33	149 48 31	N	N	N	>0	20	500	N	N	5.00	N
LA1229C	65 37 9	149 52 31	N	N	N	N	20	2,000	N	N	1.00	N
LA1230C	65 34 32	149 58 34	N	N	N	N	20	1,500	N	N	1.00	N
LA1233C	65 41 4	149 42 27	100	N	>1,000	>0	20	>10,000	N	N	.70	N
LA1235C	65 40 38	149 37 15	N	N	N	N	50	>10,000	N	N	.70	N
LA1236C	65 38 25	149 34 42	N	N	N	>0	30	>10,000	N	N	.50	N
LA1238C	65 31 38	149 28 23	20	N	>1,000	>0	50	10,000	N	>2,000	.70	N
LA1239C	65 33 12	149 23 27	N	N	N	>0	100	7,000	N	150	.70	N
LA1240C	65 34 59	149 19 59	1,000	N	>1,000	>0	50	10,000	N	200	.70	N
LA1243C	65 31 6	149 16 56	N	N	N	N	30	200	N	N	7.00	N
LA1250C	65 12 55	149 59 26	15	N	200	>0	20	7,000	N	N	2.00	N
LA1251C	65 12 54	149 59 26	10	N	300	>0	<20	>10,000	N	N	2.00	N
LA1252C	65 12 52	149 59 28	N	N	N	N	<20	>10,000	N	N	.50	N
LA1253C	65 16 30	148 50 51	N	N	N	N	<20	500	N	N	2.00	N
LA1258C	65 12 22	149 18 7	N	N	N	N	30	5,000	N	N	1.00	N
LA1259C	65 12 51	149 25 20	N	N	N	N	30	2,000	N	N	.50	N
LA1262C	65 7 52	149 35 56	N	N	100	>0	20	>10,000	N	N	.70	N
LA1266C	65 38 22	149 9 50	N	N	N	N	20	>10,000	N	N	10.00	N
LA1267C	65 39 2	149 9 3	N	N	N	N	20	>10,000	N	N	10.00	N
LA1270C	65 41 13	149 3 21	N	N	N	N	100	>10,000	N	N	1.00	N
LA1271C	65 41 2	149 10 22	500	N	>1,000	>0	20	>10,000	N	N	5.00	N
LA1272C	65 41 28	149 14 2	N	N	N	N	<20	>10,000	N	N	1.00	N
LA1273C	65 42 37	149 18 37	N	N	N	N	<20	>10,000	N	N	.20	N
LA1274C	65 43 35	149 26 58	N	N	N	N	20	>10,000	N	N	.50	N
LA1275C	65 42 23	149 24 59	N	N	100	>0	100	>10,000	50	N	1.00	<50
LA1277C	65 36 18	149 20 3	N	N	N	>0	100	10,000	10	N	.70	<50
LA1278C	65 12 53	149 46 28	N	N	N	N	<20	>10,000	N	N	.30	N
LA1280C	65 13 25	149 51 43	N	N	N	N	50	7,000	N	N	.70	N
LA1281C	65 10 44	149 47 46	N	N	N	N	20	>10,000	N	N	.50	N
LA1283C	65 11 42	148 9 14	N	N	N	N	200	500	2	N	.70	N
LA1284C	65 10 4	148 13 7	N	N	N	N	100	3,000	<2	N	.50	N
LA1285C	65 9 18	148 15 24	N	N	N	N	50	7,000	<2	N	.70	N
LA1287C	65 6 48	148 17 42	N	N	N	N	70	3,000	<2	N	.50	N
LA1288C	65 13 21	147 16 33	N	N	N	N	30	100	N	N	2.00	N
LA1289C	65 14 35	147 20 8	N	N	N	N	50	300	N	N	2.00	N
LA1291C	65 14 51	147 6 44	N	N	N	N	50	200	N	N	1.00	N
LA1292C	65 6 20	147 35 15	N	N	N	N	20	50	N	N	3.00	N
LA1295C	65 7 26	147 57 31	N	N	N	>0	30	70	N	N	.70	N
LA1296C	65 8 8	147 55 14	N	N	N	N	50	100	N	N	1.00	N
LA1297C	65 12 38	147 28 14	N	N	N	N	50	200	N	N	2.00	N
LA1298C	65 15 23	147 17 42	N	N	N	N	50	150	N	N	.50	N
LA1298CD	65 15 23	147 17 42	N	N	N	N	50	150	N	N	.70	N
LA1299C	65 3 57	147 55 11	N	N	N	N	50	200	N	N	2.00	N
LA1301C	65 52 44	149 59 51	N	N	N	N	20	3,000	N	N	.70	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	Fe-pct. s	Ga-ppm s	Ge-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s
LA1223C	N	100	<10	.30	20	N	200	.10	300	N	N	N	N
LA1228C	N	200	<10	.20	N	N	<100	.10	300	N	N	<50	N
LA1229C	<20	150	10	.20	N	N	N	.07	150	N	N	70	N
LA1230C	N	100	<10	.20	N	N	N	.05	150	N	N	100	N
LA1233C	N	100	<10	.20	N	N	<100	.05	150	N	N	<50	N
LA1235C	<20	500	<10	.30	N	N	N	.10	200	N	N	50	N
LA1236C	<20	1,000	<10	.20	N	N	N	.10	100	N	N	70	N
LA1238C	N	30	<10	.30	<10	N	<100	.10	200	<10	N	N	N
LA1239C	N	50	<10	.30	<10	N	<100	.05	200	N	N	N	N
LA1240C	N	20	10	.15	N	N	<100	.05	150	N	N	N	N
LA1243C	N	200	<10	.30	N	N	<100	.50	500	N	N	N	N
LA1250C	N	70	30	.30	<10	N	200	.05	200	N	N	N	N
LA1251C	N	50	15	.30	<10	N	200	.05	150	<10	N	N	N
LA1252C	<20	<20	200	2.00	N	N	<100	<.05	70	N	N	N	20
LA1253C	N	<20	10	<.10	N	N	500	<.05	500	N	N	N	N
LA1258C	<20	150	<10	.20	N	N	N	.07	200	N	N	70	N
LA1259C	<20	200	<10	.20	N	N	N	.10	150	N	N	50	N
LA1262C	<20	150	<10	.20	N	N	N	<.05	20	N	N	70	N
LA1266C	N	30	15	1.50	10	N	100	.15	700	N	<.5	N	N
LA1267C	<20	50	20	1.50	N	N	100	.15	700	N	<.5	50	N
LA1270C	<20	50	70	1.50	N	N	100	.10	200	N	N	70	N
LA1271C	20	100	50	1.50	N	N	100	.20	500	N	<.5	<50	N
LA1272C	N	20	10	.50	N	N	N	.10	500	N	N	50	N
LA1273C	N	<20	10	.20	N	N	N	.07	300	N	N	N	N
LA1274C	N	100	10	.30	<10	N	<100	.10	200	N	N	70	N
LA1275C	N	50	<10	.30	30	N	150	.10	200	N	N	N	N
LA1277C	N	30	<10	.20	50	N	100	.05	150	N	N	N	N
LA1278C	<20	300	N	.70	N	N	1,000	.10	500	N	N	150	N
LA1280C	N	100	10	1.00	N	N	100	.30	300	N	N	100	N
LA1281C	<20	300	30	.50	20	N	300	.10	150	N	N	150	N
LA1283C	N	150	10	.70	N	N	<100	.15	300	N	<.5	70	N
LA1284C	<20	100	20	.50	<10	N	<100	.10	300	N	<.5	100	N
LA1285C	<20	150	10	.70	N	N	100	.10	100	N	.5	50	N
LA1287C	<20	100	15	.70	N	N	<100	.07	300	N	N	70	N
LA1288C	N	20	20	.30	<10	N	N	.10	100	N	N	<50	N
LA1289C	N	30	20	.30	<10	N	N	.10	150	N	N	100	N
LA1291C	N	30	20	.50	<10	N	N	.07	100	N	N	<50	N
LA1292C	N	20	10	.20	<10	N	N	.07	50	N	N	<50	N
LA1295C	N	20	<10	.20	<10	N	N	<.05	50	N	N	<50	N
LA1296C	N	20	10	.20	<10	N	N	<.05	70	N	N	<50	N
LA1297C	N	<20	<10	.20	<10	N	N	.05	50	N	N	N	N
LA1298C	N	20	<10	.30	<10	N	N	.05	30	N	N	<50	N
LA1298CD	N	30	20	.30	<10	N	N	.07	50	N	N	50	N
LA1299C	N	30	100	.30	<10	N	N	.07	50	N	N	<50	N
LA1301C	N	100	10	.30	<10	100	N	.30	150	N	<.5	<50	10

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	P-pct. s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
LA1223C	10.0	N	N	N	N	N	N	.50	150	<50	150	N	>2,000
LA1228C	10.0	<20	N	N	100	<200	N	>2.00	100	N	200	N	>2,000
LA1229C	10.0	<20	N	N	N	<200	N	>2.00	300	N	150	N	>2,000
LA1230C	10.0	<20	N	N	N	N	N	>2.00	200	N	100	N	>2,000
LA1233C	10.0	<20	N	N	150	700	N	>2.00	200	200	100	N	>2,000
LA1235C	10.0	<20	N	N	200	<200	N	>2.00	300	300	100	N	>2,000
LA1236C	7.0	<20	N	N	500	N	N	>2.00	500	<50	100	N	>2,000
LA1238C	10.0	N	N	N	1,500	N	N	>2.00	100	700	200	N	>2,000
LA1239C	10.0	N	N	N	500	N	N	>2.00	100	300	150	N	>2,000
LA1240C	10.0	N	N	N	1,000	N	N	>2.00	100	500	300	N	2,000
LA1243C	>20.0	N	N	N	>2,000	1,500	N	>2.00	200	200	300	N	2,000
LA1250C	7.0	70	N	N	150	500	N	>2.00	50	200	200	700	>2,000
LA1251C	10.0	<20	N	N	<20	<200	N	>2.00	100	500	500	3,000	>2,000
LA1252C	1.5	<20	N	N	N	200	N	2.00	20	200	100	500	>2,000
LA1253C	15.0	<20	N	N	>2,000	N	N	1.00	30	<50	500	N	>2,000
LA1258C	7.0	100	N	N	N	2,000	N	>2.00	200	N	100	N	>2,000
LA1259C	3.0	<20	N	N	N	700	N	>2.00	150	N	200	N	>2,000
LA1262C	10.0	500	<200	N	N	1,500	N	>2.00	200	N	150	2,000	>2,000
LA1266C	20.0	<20	N	N	N	N	N	>2.00	300	100	100	<500	300
LA1267C	10.0	20	N	N	N	N	N	>2.00	500	N	150	1,000	>2,000
LA1270C	2.0	N	N	N	200	1,000	N	>2.00	150	N	70	N	>2,000
LA1271C	7.0	50	N	N	50	500	N	>2.00	200	N	100	5,000	2,000
LA1272C	2.0	N	N	N	N	1,000	N	>2.00	50	N	30	N	>2,000
LA1273C	.7	N	N	N	N	1,500	N	.20	20	N	N	N	300
LA1274C	5.0	70	N	N	N	1,000	N	>2.00	70	<50	100	N	>2,000
LA1275C	5.0	<20	N	N	100	N	N	>2.00	50	500	200	N	>2,000
LA1277C	5.0	<20	N	N	200	N	N	>2.00	50	1,000	200	N	>2,000
LA1278C	5.0	N	N	N	N	N	N	>2.00	500	N	500	N	>2,000
LA1280C	5.0	500	N	N	N	2,000	N	>2.00	100	N	200	N	>2,000
LA1281C	2.0	N	N	N	N	N	N	>2.00	150	100	300	7,000	>2,000
LA1283C	3.0	50	N	N	N	N	N	>2.00	50	N	300	N	>2,000
LA1284C	5.0	50	N	N	N	N	N	>2.00	50	<50	700	N	>2,000
LA1285C	3.0	50	N	N	N	N	N	>2.00	70	N	1,000	N	>2,000
LA1287C	5.0	20	N	N	N	N	N	>2.00	70	N	500	N	>2,000
LA1288C	5.0	50	N	N	N	N	N	>2.00	150	N	500	N	>2,000
LA1289C	5.0	1,000	N	N	N	N	N	>2.00	100	N	1,000	N	>2,000
LA1291C	3.0	20	N	N	N	N	N	>2.00	50	N	200	N	>2,000
LA1292C	10.0	70	N	N	N	200	N	>2.00	50	N	300	N	>2,000
LA1295C	2.0	20	N	N	N	N	N	>2.00	30	N	700	N	>2,000
LA1296C	7.0	70	N	N	N	N	N	>2.00	50	N	500	N	>2,000
LA1297C	3.0	20	N	N	N	N	N	>2.00	50	N	500	N	>2,000
LA1298C	2.0	30	N	N	N	N	N	>2.00	50	N	200	N	>2,000
LA1298CD	3.0	100	N	N	N	N	N	>2.00	50	N	200	N	>2,000
LA1299C	7.0	200	N	N	N	N	N	>2.00	70	N	200	N	>2,000
LA1301C	3.0	<20	N	N	>2,000	N	N	>2.00	100	N	70	500	>2,000

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	Au-ppm s	Au-vis	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Cd-ppm s
LA1302C	65 48 56	149 59 27	N	N	N	N	20	>10,000	N	N	.70	N
LA1304C	65 46 13	149 52 29	N	N	N	N	20	>10,000	N	N	1.00	N
LA1306C	65 45 24	149 46 9	N	N	N	N	20	>10,000	N	N	7.00	N
LA1307C	65 45 54	149 43 33	N	N	N	N	<20	>10,000	N	N	.50	N
LA1308C	65 39 28	149 54 15	N	N	N	N	30	>10,000	7	N	.70	N
LA1309C	65 40 22	149 55 34	N	N	N	N	<20	>10,000	N	N	.70	N
LA1311C	65 9 59	147 49 8	N	N	N	>0	20	100	N	N	.50	N
LA1314C	65 10 38	147 44 55	5	N	1,000	>0	50	200	N	N	.70	N
LA1315C	65 10 32	147 44 48	50	N	>1,000	>0	20	100	N	N	.50	N
LA1317C	65 12 26	147 39 7	100	N	>1,000	>0	30	200	N	N	.70	N
LA1318C	65 9 11	147 29 50	N	N	N	N	<20	100	N	N	1.50	N
LA1319C	65 9 16	147 29 39	70	N	>1,000	N	<20	50	N	N	1.00	N
LA1320C	65 9 19	147 28 58	N	N	N	N	20	100	N	N	1.00	N
LA1321C	65 11 39	147 26 0	N	N	N	N	20	100	N	N	1.00	N
LA1322C	65 11 40	147 25 35	N	N	N	N	30	70	N	N	2.00	N
LA1323C	65 12 27	147 19 0	N	N	N	N	<20	70	N	N	1.00	N
LA1324C	65 12 17	147 18 59	N	N	N	N	<20	50	N	N	5.00	N
LA1325C	65 15 41	147 10 39	N	N	N	N	20	100	N	N	.50	N
LA1326C	65 15 24	147 1 25	N	N	N	N	20	100	N	N	1.00	N
LA1327C	65 15 26	147 1 37	N	N	N	N	100	500	N	N	.50	N
LA1329C	65 6 54	147 43 34	N	N	N	N	300	150	N	N	1.50	N
LA1332C	65 15 32	147 16 53	N	N	<20	>0	70	500	3	N	.20	N
LA1334C	65 4 14	147 49 23	150	N	>1,000	>0	20	50	N	N	.70	N
LA1337C	65 19 49	148 1 54	N	N	N	N	<20	>10,000	N	N	.50	N
LA1338C	65 19 48	148 2 6	N	N	N	N	<20	>10,000	N	N	7.00	N
LA1339C	65 22 32	148 5 46	300	N	N	N	20	7,000	N	N	1.00	100
LA1343C	65 19 1	148 31 49	N	N	N	N	70	5,000	N	N	<.10	200
LA1344C	65 16 54	148 57 33	N	N	N	N	<20	50	N	N	.70	<50
LA1349C	65 39 37	148 36 26	N	N	N	N	<20	>10,000	N	N	30.00	N
LA1353C	65 40 50	148 3 1	N	N	N	N	<20	1,000	N	N	.30	N
LA1354C	65 37 44	148 10 24	N	N	N	N	70	700	N	N	20.00	N
LA1355C	65 33 49	148 6 47	N	N	N	N	20	>10,000	N	N	.50	N
LA1356C	65 30 7	148 15 53	N	N	N	N	70	1,000	N	N	2.00	N
LA1363C	65 28 10	149 58 52	N	N	<20	>0	50	>10,000	N	N	.70	N
LA1365C	65 16 6	148 6 46	N	N	N	N	50	10,000	N	N	.50	N
LA1366C	65 15 24	148 7 4	N	N	N	N	20	10,000	N	N	.50	N
LA1367C	65 17 5	148 8 3	N	N	N	N	100	>10,000	N	N	2.00	N
LA1368C	65 17 10	148 8 12	N	N	N	N	30	>10,000	N	N	1.50	N
LA1369C	65 16 31	148 6 54	N	N	N	N	500	7,000	N	N	.30	N
LA1373C	65 29 29	148 28 16	100	700	>1,000	>0	150	5,000	N	N	1.00	N
LA1400C	65 45 15	149 46 1	N	N	N	N	<20	>10,000	N	N	.50	N
LA1401C	65 46 6	149 43 33	N	N	N	N	<20	>10,000	N	N	.30	N
LA1403C	65 40 32	149 35 21	N	N	N	N	<20	>10,000	N	N	1.00	N
LA1404C	65 9 15	147 51 16	N	N	N	N	50	1,500	N	N	.50	N
LA1405C	65 9 39	147 54 44	N	N	N	N	100	10,000	N	N	.20	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	Fe-pct. s	Ga-ppm s	Ge-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s
LA1302C	N	50	<10	.30	<10	N	N	.10	100	N	N	N	N
LA1304C	N	100	10	.50	<10	N	N	.20	100	N	<.5	N	N
LA1306C	N	20	10	.30	<10	N	N	.70	500	N	<.5	N	N
LA1307C	N	<20	<10	.20	<10	N	N	<.05	50	N	N	N	N
LA1308C	N	<20	10	.30	<10	N	N	.05	150	N	N	N	N
LA1309C	<10	50	20	5.00	<10	N	N	.30	200	N	N	N	<10
LA1311C	N	<20	10	.30	<10	N	N	<.05	50	N	N	N	N
LA1314C	N	100	<10	.50	<10	N	N	<.05	100	N	N	N	N
LA1315C	N	50	10	.10	<10	N	N	<.05	20	N	N	<50	N
LA1317C	N	20	15	.30	<10	N	N	<.05	150	N	N	<50	N
LA1318C	N	N	<10	<.10	<10	N	N	<.05	200	N	N	<50	N
LA1319C	N	<20	10	.20	<10	N	N	.05	100	N	N	<50	N
LA1320C	N	20	30	.30	<10	N	N	.07	150	N	N	N	N
LA1321C	N	20	10	.20	<10	N	N	.05	150	N	N	<50	N
LA1322C	N	30	20	.30	<10	N	N	.07	200	N	N	<50	N
LA1323C	N	<20	15	.30	<10	N	N	.05	100	N	N	50	N
LA1324C	N	<20	10	.20	<10	N	N	.05	200	N	N	<50	N
LA1325C	N	<20	<10	.50	<10	N	N	.10	200	N	N	50	N
LA1326C	N	<20	10	.30	<10	N	N	.05	70	N	N	<50	N
LA1327C	N	100	15	1.00	<10	N	N	.10	100	N	N	70	N
LA1329C	N	<20	<10	.70	20	N	N	.07	300	N	N	150	N
LA1332C	<20	70	15	1.00	<10	N	<100	.07	100	N	N	<50	N
LA1334C	N	50	<10	.10	N	N	N	<.05	20	N	N	<50	N
LA1337C	N	<20	<10	.10	N	N	N	<.05	100	N	N	N	N
LA1338C	N	<20	10	.20	N	N	N	<.05	<20	N	N	50	N
LA1339C	N	<20	150	1.00	20	N	N	.10	500	N	N	<50	N
LA1343C	N	30	10	.50	N	N	N	.10	200	N	N	200	N
LA1344C	N	N	<10	N	<10	N	200	<.05	150	N	N	<50	N
LA1349C	N	50	15	5.00	10	N	200	.20	1,000	N	N	N	<10
LA1353C	N	N	N	N	N	N	N	<.05	N	N	N	N	N
LA1354C	N	70	30	.70	N	N	100	.50	100	N	N	N	N
LA1355C	N	<20	<10	.30	N	N	N	.05	100	N	N	N	N
LA1356C	N	200	30	.50	N	N	N	.50	200	N	N	N	N
LA1363C	N	20	10	.20	N	N	N	.05	50	N	N	N	N
LA1365C	N	20	20	.20	N	N	N	<.05	100	N	N	70	N
LA1366C	N	20	20	.20	N	N	N	<.05	70	N	N	<50	N
LA1367C	N	100	20	.30	N	N	<100	.07	70	N	N	<50	N
LA1368C	N	20	<10	.30	N	N	N	.05	70	N	N	N	N
LA1369C	N	30	50	.30	N	N	N	.05	20	N	N	70	N
LA1373C	N	20	20	.30	N	N	N	.20	50	N	N	100	N
LA1400C	N	<20	15	.20	N	N	<100	.05	150	N	N	N	N
LA1401C	N	<20	10	.30	N	N	<100	.05	150	N	N	N	N
LA1403C	N	N	10	.30	<10	N	N	.10	300	N	N	N	N
LA1404C	<20	50	<10	.30	<10	N	N	.07	100	N	N	70	N
LA1405C	<20	150	50	1.50	15	N	N	.20	200	N	.5	70	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	P-pct. s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
LA1302C	2.0	<20	N	N	N	1,000	N	1.00	30	N	30	N	2,000
LA1304C	1.0	5,000	N	N	2,000	500	N	2.00	1,000	N	50	N	>2,000
LA1306C	3.0	<20	N	N	N	1,500	N	2.00	50	N	20	N	>2,000
LA1307C	<.5	<20	N	N	N	1,000	N	1.00	30	N	N	N	500
LA1308C	2.0	N	N	N	100	5,000	N	1.50	20	N	30	N	>2,000
LA1309C	1.0	<20	N	N	N	3,000	N	1.50	30	N	<20	N	>2,000
LA1311C	2.0	200	N	N	N	N	N	>2.00	30	N	200	N	>2,000
LA1314C	5.0	50	N	N	50	N	N	>2.00	50	N	500	N	>2,000
LA1315C	1.0	30	N	N	N	N	N	>2.00	100	N	700	N	>2,000
LA1317C	3.0	70	N	N	N	N	N	>2.00	70	N	700	N	>2,000
LA1318C	10.0	50	N	N	N	N	N	>2.00	100	N	700	N	>2,000
LA1319C	7.0	70	N	N	N	N	N	>2.00	50	N	500	N	>2,000
LA1320C	7.0	100	N	N	N	N	N	>2.00	70	N	500	N	>2,000
LA1321C	5.0	70	N	N	N	N	N	>2.00	70	N	500	N	>2,000
LA1322C	10.0	100	N	N	20	N	N	>2.00	200	N	700	N	>2,000
LA1323C	3.0	100	N	N	N	N	N	>2.00	50	N	200	N	>2,000
LA1324C	20.0	100	N	N	N	500	N	>2.00	30	N	200	N	>2,000
LA1325C	5.0	100	N	N	N	N	N	>2.00	50	N	150	N	>2,000
LA1326C	7.0	50	N	N	N	N	N	>2.00	50	N	500	N	>2,000
LA1327C	2.0	100	N	N	N	N	N	>2.00	50	N	200	N	>2,000
LA1329C	7.0	100	N	N	N	N	N	>2.00	70	N	300	N	>2,000
LA1332C	2.0	70	N	N	N	N	N	>2.00	70	N	200	N	>2,000
LA1334C	15.0	50	N	N	>2,000	N	N	>2.00	100	N	200	N	>2,000
LA1337C	1.5	<20	N	N	N	700	N	1.00	30	2,000	20	N	>2,000
LA1338C	5.0	50	N	N	N	N	N	>2.00	50	200	30	N	>2,000
LA1339C	10.0	100	1,000	N	N	700	N	>2.00	70	N	70	20,000	>2,000
LA1343C	1.5	<20	N	N	N	N	N	>2.00	70	N	70	>20,000	>2,000
LA1344C	15.0	N	N	N	N	N	N	1.50	30	500	300	N	>2,000
LA1349C	20.0	700	N	N	N	500	N	.15	70	N	200	N	>2,000
LA1353C	1.0	<20	N	N	N	N	N	.10	<20	N	N	N	>2,000
LA1354C	>20.0	200	N	N	N	1,000	N	>2.00	1,500	N	200	N	2,000
LA1355C	.7	<20	N	N	N	700	N	.10	20	N	N	N	<20
LA1356C	5.0	200	N	N	N	N	N	>2.00	500	N	70	N	>2,000
LA1363C	2.0	30	N	N	N	1,000	N	.30	30	N	<20	1,000	500
LA1365C	3.0	150	N	N	N	<200	N	>2.00	70	N	150	N	>2,000
LA1366C	3.0	200	N	N	N	<200	N	>2.00	100	N	1,000	N	>2,000
LA1367C	5.0	70	N	N	N	700	N	>2.00	100	100	300	N	>2,000
LA1368C	3.0	70	N	N	N	700	N	.70	30	N	20	N	2,000
LA1369C	5.0	1,000	N	N	N	N	N	>2.00	200	N	500	N	>2,000
LA1373C	3.0	50,000	N	N	N	1,000	N	>2.00	100	200	30	N	>2,000
LA1400C	2.0	<20	N	N	N	1,000	N	.10	30	N	N	N	>2,000
LA1401C	.7	<20	N	N	N	1,000	N	.30	50	N	N	N	500
LA1403C	.5	<20	N	N	N	1,500	N	.50	20	N	<20	N	1,000
LA1404C	5.0	20	N	N	N	N	N	>2.00	50	N	500	N	>2,000
LA1405C	1.0	10,000	N	N	N	N	N	>2.00	100	N	200	N	>2,000

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Latitude	Longitude	Ag-ppm s	As-ppm s	Au-ppm s	Au-vis	B-ppm s	Ba-ppm s	Be-ppm s	Bi-ppm s	Ca-pct. s	Cd-ppm s
LA1407C	65 31 44	149 28 33	N	N	N	N	30	>10,000	15	2,000	1.50	N
LA1409C	65 34 57	149 19 46	N	N	N	>0	50	5,000	N	N	1.00	N
LA1414C	65 29 32	149 23 19	N	N	N	N	150	>10,000	N	N	.70	N
LA1416C	65 33 17	148 59 50	N	N	N	N	70	10,000	N	N	7.00	N
LA1417C	65 13 29	149 58 41	200	N	>1,000	>0	20	>10,000	N	N	1.00	N
LA1418C	65 14 11	149 58 1	N	N	N	N	20	700	N	N	2.00	N
LA1419C	65 15 2	149 56 52	N	N	N	N	20	2,000	N	N	5.00	N
LA1426C	65 35 40	149 11 20	N	N	N	N	<20	5,000	N	N	5.00	N
LA1427C	65 35 41	149 10 57	N	N	N	N	<20	3,000	N	N	10.00	N
LA1428C	65 39 6	149 8 46	N	N	N	N	<20	>10,000	N	N	2.00	N
LA1430C	65 44 15	149 6 47	N	N	N	N	30	>10,000	N	N	.30	N
LA1432C	65 40 58	149 10 12	N	N	N	N	50	>10,000	N	N	5.00	N
LA1433C	65 39 44	149 12 26	N	N	N	N	50	>10,000	N	N	5.00	N
LA1434C	65 43 16	149 12 33	N	N	N	N	<20	>10,000	N	N	.20	N
LA1435C	65 43 53	149 20 6	N	N	N	N	20	>10,000	N	N	1.00	N
LA1437C	65 43 50	149 27 59	N	N	N	>0	30	>10,000	N	N	.70	N
LA1439C	65 37 49	149 20 52	200	N	>1,000	>0	100	10,000	2	1,500	1.00	N
LA1444C	65 3 29	149 58 19	N	N	N	N	50	>10,000	N	N	1.50	100
LA1446C	65 2 22	149 40 52	N	N	N	N	20	>10,000	N	N	.50	N
LA1453C	65 6 0	148 21 52	N	N	N	N	150	1,500	<2	N	1.50	N
LA1455C	65 1 24	148 25 23	N	N	N	N	50	1,500	N	N	2.00	N
LA1456C	65 2 13	148 14 26	N	N	700	>0	<20	500	N	N	1.00	N
LA1460C	65 6 18	148 7 36	30	N	N	N	150	700	N	N	.70	N
LA1462C	65 0 54	148 30 16	N	N	N	N	20	100	2	N	.10	N
LA1464C	65 19 38	148 1 43	N	N	N	N	100	500	N	N	<.10	N
LA1466C	65 21 13	148 26 18	N	N	N	N	50	10,000	N	N	.50	500
LA1470C	65 20 36	148 47 38	N	N	N	N	20	100	N	N	2.00	N
LA1471C	65 28 11	148 31 26	200	N	N	N	20	>10,000	N	>2,000	1.00	N
LA1472C	65 29 35	148 49 46	N	N	N	N	30	10,000	N	N	10.00	N
LA1475C	65 39 43	148 35 53	N	N	N	N	30	1,000	N	N	10.00	N
LA1476C	65 41 38	148 46 16	N	N	N	N	20	>10,000	N	N	.70	N
LA1477C	65 40 57	148 49 34	N	N	N	N	20	>10,000	N	N	2.00	N
LA1481C	65 32 58	148 7 29	N	N	N	N	50	>10,000	N	N	20.00	N
LA1482C	65 30 49	148 4 59	N	N	N	N	100	1,500	N	N	.50	N
LA1499C	65 28 19	149 58 37	N	N	N	N	30	>10,000	N	N	1.00	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	Co-ppm s	Cr-ppm s	Cu-ppm s	Fe-pct. s	Ga-ppm s	Ge-ppm s	La-ppm s	Mg-pct. s	Mn-ppm s	Mo-ppm s	Na-pct. s	Nb-ppm s	Ni-ppm s
LA1407C	N	100	10	.50	10	N	200	.07	300	N	N	N	N
LA1409C	N	150	15	.30	20	N	100	.10	200	N	N	50	N
LA1414C	N	200	20	1.50	20	N	150	.20	500	N	<.5	50	N
LA1416C	N	70	30	1.00	<10	N	150	.15	300	N	N	N	N
LA1417C	N	100	<10	.20	<10	N	200	.05	200	N	N	N	N
LA1418C	N	100	<10	.10	N	N	500	.10	200	N	N	N	N
LA1419C	N	100	100	.10	N	N	500	.05	300	N	N	N	N
LA1426C	N	20	20	2.00	<10	N	100	.20	500	N	N	N	N
LA1427C	N	70	20	.70	N	N	200	.50	200	N	N	N	N
LA1428C	N	30	15	.70	10	N	100	.20	200	N	N	N	N
LA1430C	N	N	<10	.50	N	N	N	.20	300	N	N	N	N
LA1432C	N	100	20	1.00	15	N	100	.30	200	N	N	70	N
LA1433C	N	<20	10	1.00	15	N	100	.50	300	N	N	N	N
LA1434C	N	<20	15	.20	N	N	N	.07	500	N	N	N	N
LA1435C	N	<20	15	.30	15	N	N	.10	300	N	N	N	N
LA1437C	N	20	<10	.20	<10	N	N	.05	70	N	N	50	N
LA1439C	N	100	10	.30	<10	N	100	.07	200	N	N	N	N
LA1444C	N	<20	30	.70	N	N	<100	.05	200	N	N	70	N
LA1446C	N	<20	10	.50	N	N	N	.05	70	N	N	N	N
LA1453C	N	50	20	.50	N	N	N	.10	200	N	N	100	N
LA1455C	N	<20	<10	.20	N	N	N	<.05	150	N	N	<50	N
LA1456C	N	<20	15	.20	N	N	N	.05	50	N	N	<50	N
LA1460C	N	50	50	.70	N	N	N	.15	500	N	N	<50	N
LA1462C	N	<20	<10	.10	N	N	N	<.05	20	N	N	N	N
LA1464C	N	100	<10	.30	N	N	N	1.00	70	N	N	N	N
LA1466C	N	30	50	.30	N	N	N	1.00	50	N	N	N	N
LA1470C	N	20	<10	.20	N	N	700	<.05	500	N	N	N	N
LA1471C	20	30	100	1.50	N	N	500	<.05	500	N	N	N	N
LA1472C	N	100	20	.50	20	N	300	.30	700	N	N	N	N
LA1475C	N	<20	150	1.50	30	N	100	.20	700	N	N	N	N
LA1476C	N	<20	10	.30	<10	N	N	.10	100	N	N	N	N
LA1477C	N	<20	15	.30	N	N	N	.10	150	N	N	N	N
LA1481C	N	100	100	1.00	N	N	100	.20	100	N	N	N	N
LA1482C	N	50	30	.30	N	N	N	.07	50	N	N	N	N
LA1499C	N	100	500	.50	N	N	N	.05	70	N	N	N	N

TABLE 3. Results of analyses of heavy-mineral-concentrate samples from the Livengood quadrangle, Alaska--Continued

Sample	P-pct. a	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	Th-ppm s	Ti-pct. s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
LA1407C	10.0	<20	N	N	50	200	N	2.00	70	2,000	150	N	>2,000
LA1409C	7.0	<20	N	N	200	N	N	>2.00	200	200	150	N	>2,000
LA1414C	7.0	<20	N	N	N	500	N	>2.00	150	100	70	N	>2,000
LA1416C	15.0	20	N	N	N	700	N	.70	50	N	100	N	2,000
LA1417C	7.0	100	N	N	N	N	N	>2.00	100	300	200	N	>2,000
LA1418C	10.0	<20	N	N	N	N	N	>2.00	50	N	500	N	>2,000
LA1419C	10.0	<20	N	N	N	N	N	>2.00	100	200	500	N	>2,000
LA1426C	10.0	<20	N	N	N	N	N	>2.00	300	N	100	2,000	2,000
LA1427C	>20.0	<20	N	N	N	N	N	.30	300	N	100	<500	N
LA1428C	7.0	<20	N	N	N	N	N	>2.00	100	N	150	N	>2,000
LA1430C	.5	N	N	N	N	1,000	N	.10	30	N	N	N	300
LA1432C	15.0	20	N	N	N	700	N	>2.00	100	N	200	N	>2,000
LA1433C	5.0	<20	N	N	N	<200	N	>2.00	200	N	100	N	1,500
LA1434C	.5	N	N	N	N	2,000	N	.05	20	N	N	N	200
LA1435C	.7	N	N	N	N	2,000	N	.50	50	N	N	N	700
LA1437C	2.0	N	N	N	N	700	N	>2.00	50	N	70	N	>2,000
LA1439C	7.0	<20	N	N	N	200	N	>2.00	150	200	500	N	>2,000
LA1444C	10.0	N	N	N	N	1,000	N	>2.00	70	N	200	>20,000	>2,000
LA1446C	2.0	N	N	N	N	700	N	.20	30	N	N	N	300
LA1453C	10.0	N	N	70	N	500	N	>2.00	70	N	200	N	>2,000
LA1455C	20.0	<20	N	150	50	N	N	>2.00	70	N	200	N	>2,000
LA1456C	3.0	<20	N	50	1,500	N	N	>2.00	50	N	70	N	>2,000
LA1460C	5.0	<20	N	50	N	N	N	>2.00	70	N	150	N	>2,000
LA1462C	.5	50	N	N	N	N	N	>2.00	30	N	50	N	>2,000
LA1464C	.7	70	N	N	N	N	N	>2.00	200	N	300	N	>2,000
LA1466C	3.0	100	N	N	N	500	N	>2.00	70	2,000	70	>20,000	>2,000
LA1470C	10.0	20	N	N	500	N	N	2.00	100	200	200	N	>2,000
LA1471C	5.0	500	N	N	50	1,000	N	>2.00	100	7,000	150	1,000	>2,000
LA1472C	15.0	200	N	N	N	700	N	>2.00	150	500	200	N	>2,000
LA1475C	5.0	100	N	N	N	N	N	2.00	500	N	70	N	>2,000
LA1476C	2.0	20	N	N	N	2,000	N	.50	30	N	30	N	>2,000
LA1477C	3.0	200	N	N	N	1,000	N	1.00	50	N	70	N	>2,000
LA1481C	20.0	100	N	N	N	500	N	>2.00	150	N	150	N	1,000
LA1482C	2.0	70	N	N	100	N	N	>2.00	200	300	150	1,000	>2,000
LA1499C	5.0	100	N	N	70	700	N	>2.00	100	N	100	N	>2,000