UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Analytical results and sample locality maps of stream-sediment and heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska

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STUDIES RELATED TO AMRAP

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 resource potential. 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 Solomon and Bendeleben quadrangles, Alaska.

INTRODUCTION

In 1981-1983 the U.S. Geological Survey conducted a reconnaissance geochemical survey of the Solomon and Bendeleben quadrangles, Alaska.

The Solomon and Bendeleben quadrangles comprise about 8,600 mi^2 (22,300 km^2) in the Seward Peninsula, west-central Alaska.

The Bendeleben and Solomon quadrangles are underlain predominantly by Precambrian(?) to Paleozoic metasedimentary and metaigneous rocks, metamorphosed to blueschist facies in late Jurassic to early Cretaceous time (the Nome Group) (Till, 1983, 1984). The Nome Group forms low rolling hills in both quadrangles. Precambrian(?) to Paleozoic(?) high-grade schist and gneiss, migmatite, late Cretaceous granite, and locally Nome Group rocks are exposed in fault-bounded mountain ranges which transect the low-grade rocks from east to west (the Kigluaik and Bendeleben ranges) and north to south (the Darby range). Tertiary and Recent basins filled with sediment and basaltic volcanic rocks are developed in the central and northern portions of the area. Small patches of basalt and sediments are found in the eastern portion of the quadrangles, associated with the Kugruk fault zone (Sainsbury, 1974). In the north-south trending fault zone, slabs of mylonitic metabasite, serpentinite, and carbonate-clast conglomerate (all of unknown age) are juxtaposed with Nome Group rocks. For more lithologic information see Till, 1984 (GSA abstract).

Low rolling hills with moderate relief comprise most of the area of the Solomon and Bendeleben quadrangles. Prominent mountain ranges with more rugged topography include the Kigluaik Mountains on the west, the Benedeleben Mountains which extend east-west across the southern part of the Bendeleben quadrangle, and the Darby Mountains, a north-south mountain range that joins the Bendeleben Mountains on the east with no distinct separation. Elevations range from sea level on the south at Norton Sound to 3,730 feet at Mount Bendeleben.

METHODS OF STUDY

Sample Media

Analyses of the stream-sediment samples represent the chemistry of the rock material eroded from the drainage basin upstream from each sample site. Such information is useful in identifying those basins which contain concentrations of elements that may be related to mineral deposits. 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 1,590 sites (fig. 1; plates 1 and 2). At nearly all of those sites, both a stream-sediment sample and a heavy-mineral-concentrate sample were collected. Sampling density varies within the study area. Some areas (the western half of the Bendeleben Mountains, for example) were sampled more densely than other areas, while in other large areas (McCarthys Marsh, Kuzitrin River lowlands, etc.) no sampling was done. The area of the drainage basins sampled ranged from 0.5 mi^2 to 50 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 25 ft from the site plotted on the map.

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 (0.18 mm) stainless steel sieves. The portion of the sediment passing through the sieve was saved for analysis.

After air drying, bromoform (specific gravity 2.8) was used to remove the remaining quartz and feldspar from the heavy-mineral-concentrate samples that had been panned in the field. The resultant heavy mineral sample was separated into three fractions using a large electromagnet (in this case a modified Frantz Isodynamic Separator). The most magnetic material, primarily magnetite, was not analyzed. The second fraction, largely ferromagnesian silicates and iron oxides, was saved for analysis/archival storage. The third fraction (the least magnetic material which may include the nonmagnetic 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. These magnetic separates are the same separates that would be produced by using a Frantz Isodynamic Separator set at a slope of 5° and a tilt of 10° with a current of 0.1 ampere to remove the magnetite and ilmenite, and a current of 0.7 ampere to split the remainder of the sample into paramagnetic and nonmagnetic fractions.

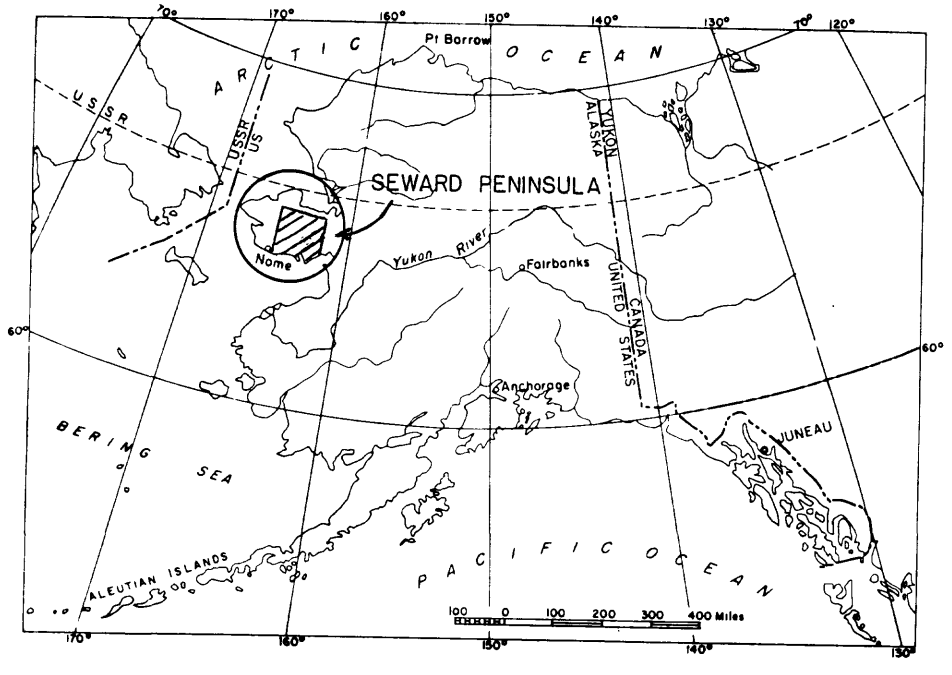

Figure 1. Location map of the Solomon and Bendeleben 1° x 3° quadrangles study area, Seward Peninsula, Alaska

Sample Analysis

Spectrographic method

The stream-sediment and heavy-mineral-concentrate samples were analyzed for 31 elements using a semiquantitative, direct-current arc emission spectrographic method (Grimes and Marranzino, 1968). The elements analyzed and their lower limits of determination are listed in table 1. Spectrographic results were obtained by visual comparison of spectra derived from the sample against spectra obtained from standards made from pure oxides and carbonates. Standard concentrations are geometrically spaced over any given order of magnitude of concentration as follows: 100, 50, 20, 10, and so forth. Samples whose concentrations are estimated to fall between those values are assigned values of 70, 30, 15, and so forth. The precision of the analytical method is approximately plus or minus one reporting interval at the 83 percent confidence level and plus or minus two reporting intervals at the 96 percent confidence level (Motooka and Grimes, 1976). Values determined for the major elements (iron, magnesium, calcium, and titanium) are given in weight percent; all others are given in parts per million (micrograms/gram). Analytical data for stream sediment and heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles study area are listed in tables 3 and 4, respectively.

Chemical Methods

Other methods of analysis used on samples from the Solomon and Bendeleben quadrangles study area are summarized in table 2.

Results from chemical analysis of stream-sediment and heavy-mineral concentrate samples are listed in tables 3 and 4, along with results from spectrographic analyses of the samples.

ROCK ANALYSIS STORAGE SYSTEM

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

DESCRIPTION OF DATA TABLES

Tables 3-4 list the analyses for the samples of stream sediment and heavy-mineral concentrate, respectively. For the two tables, the data are arranged so that column 1 contains the USGS-assigned sample numbers. These numbers correspond to the numbers shown on the site location maps (plates 1 and 2). 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. If an element was not looked for in a sample, two dashes (--) are entered in tables 3-6 in place of an analytical value. Because of the formatting used in the computer program that produced tables 3-4, some of the elements listed in these tables (Fe, Mg, Ca, Ti, Ag, and Be) carry one or more nonsignificant digits to the right of the significant digits. The analysts did not determine these elements to the accuracy suggested by the extra zeros.

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TABLE 1.--Limits of determination for the spectrographic analysis of rocks and 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 rocks and stream sediments]

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

Table 2.--Chemical method, atomic absorption

Element determined	Determination limit (micrograms/ gram or ppm)	Reference
Gold (Au)	0.05	Thompson and others, 1968
Arsenic (As)	5 or 10	Modification of Viets, 1978
Antimony (Sb)	2	
Zinc (Zn)	5	
Bismuth (Bi)	1	
Cadmium (Cd)	0.1	

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB0001	64 53 45	163 39 30	5.0	3.00	5.00	1.00	1,000	N	N	N	100	1,000	1.0
SB0002	65 3 0	164 17 15	7.0	1.00	.50	1.00	5,000	N	N	N	500	700	1.0
SB0003	65 4 5	164 22 55	5.0	1.00	.50	.70	1,500	N	N	N	200	1,500	2.0
SB0004	65 6 7	164 16 30	7.0	1.00	1.00	1.00	>5,000	N	N	N	500	700	3.0
SB0005	65 5 30	164 19 55	7.0	1.00	1.00	1.00	5,000	N	N	N	500	700	5.0
SB0006	65 10 35	164 9 30	7.0	2.00	1.00	.50	3,000	N	N	N	500	1,000	5.0
SB0007	65 10 45	164 9 30	7.0	5.00	2.00	.50	1,500	N	N	N	200	1,000	5.0
SB0008	65 7 15	164 14 20	10.0	5.00	2.00	.70	>5,000	N	N	N	700	700	1.0
SB0009	65 9 40	164 13 15	10.0	5.00	2.00	1.00	>5,000	N	N	N	700	700	2.0
SB0010	65 6 25	164 17 50	5.0	2.00	3.00	.70	2,000	N	N	N	500	700	5.0
SB0011	65 7 35	164 19 30	5.0	1.00	3.00	1.00	1,500	N	N	N	300	700	5.0
SB0012	65 8 40	164 19 7	7.0	1.00	2.00	1.00	5,000	N	N	N	300	700	3.0
SB0013	65 8 45	164 20 35	7.0	2.00	5.00	1.00	1,500	N	N	N	300	700	5.0
SB0014	65 9 30	164 21 15	5.0	2.00	5.00	1.00	1,000	N	N	N	200	700	7.0
SB0015	65 10 10	164 18 42	7.0	2.00	3.00	1.00	3,000	N	N	N	500	1,000	5.0
SB0016	65 9 25	164 27 15	5.0	2.00	5.00	.70	1,500	N	N	N	70	700	7.0
SB0017	65 9 20	164 26 55	5.0	2.00	5.00	.70	1,000	N	N	N	200	700	5.0
SB0018	65 11 20	164 21 15	5.0	2.00	5.00	.70	5,000	N	N	N	200	700	5.0
SB0019	65 12 0	164 21 50	7.0	2.00	2.00	1.00	>5,000	N	N	N	200	700	5.0
SB0020	65 11 0	164 28 30	7.0	2.00	3.00	.70	>5,000	N	N	N	500	700	5.0
SB0021	65 12 45	164 22 30	5.0	1.00	2.00	.50	1,500	N	N	N	200	700	10.0
SB0022	65 12 30	164 18 20	5.0	1.00	2.00	.50	1,500	N	N	N	500	700	10.0
SB0023	65 12 40	164 18 15	7.0	2.00	2.00	1.00	3,000	N	N	N	500	700	7.0
SB0024	65 12 45	164 16 50	10.0	2.00	2.00	1.00	5,000	N	N	N	700	1,000	1.0
SB0025	65 13 5	164 14 0	7.0	2.00	2.00	.70	1,500	N	N	N	200	1,000	2.0
SB0026	65 12 55	164 6 40	7.0	2.00	1.00	.70	1,000	N	N	N	500	1,000	5.0
SB0027	65 12 45	164 6 45	7.0	2.00	2.00	.70	1,000	N	N	N	200	700	5.0
SB0028	65 13 7	164 10 50	7.0	2.00	2.00	.70	1,500	N	N	N	500	1,000	5.0
SB0029	65 12 10	164 11 5	7.0	2.00	2.00	.70	1,000	N	N	N	150	1,000	3.0
SB0030	65 14 30	164 20 45	5.0	.50	1.00	.50	1,500	N	N	N	200	700	2.0
SB0031	65 13 40	164 24 30	7.0	1.00	2.00	.70	5,000	N	N	N	500	700	3.0
SB0032	65 13 35	164 28 35	7.0	1.00	2.00	.70	5,000	N	N	N	500	700	5.0
SB0033	65 11 10	164 36 30	7.0	1.00	2.00	.70	2,000	N	N	N	200	700	5.0
SB0034	65 13 15	164 35 30	7.0	1.00	2.00	.70	2,000	N	N	N	100	700	3.0
SB0035	65 12 15	164 39 35	7.0	2.00	5.00	1.00	1,000	N	N	N	700	700	3.0
SB0036	65 10 20	164 30 35	7.0	1.00	2.00	.70	5,000	N	N	N	100	700	2.0
SB0037	65 7 50	164 38 40	7.0	1.00	2.00	.70	5,000	N	N	N	200	700	5.0
SB0038	65 7 37	164 38 35	5.0	.70	2.00	.50	2,000	N	N	N	100	700	5.0
SB0039	65 12 15	164 41 7	5.0	2.00	5.00	1.00	2,000	N	N	N	200	700	7.0
SB0040	65 10 25	164 46 0	2.0	.70	2.00	.50	700	N	N	N	200	700	7.0
SB0041	65 5 45	164 28 45	2.0	.70	2.00	.50	700	N	N	N	200	700	7.0
SB0042	65 5 45	164 29 7	5.0	1.00	2.00	.70	1,000	N	N	N	70	700	5.0
SB0043	65 6 40	164 31 40	5.0	.70	2.00	.70	700	N	N	N	70	700	7.0
SB0044	65 5 22	164 35 25	5.0	.70	2.00	.50	1,500	N	N	N	100	700	5.0
SB0045	65 5 30	164 27 25	5.0	.70	2.00	.50	1,500	N	N	N	200	700	5.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0001	N	N	30	150	30	20	N	N	70	20	N	20	N	300
SB0002	N	N	20	100	20	20	N	N	20	20	N	30	N	N
SB0003	N	N	20	150	30	20	N	N	50	30	N	20	N	200
SB0004	N	N	30	200	30	20	N	N	100	30	N	30	N	300
SB0005	N	N	30	150	30	20	N	N	50	30	N	30	N	300
SB0006	N	N	30	200	50	20	N	N	100	50	N	20	N	200
SB0007	N	N	30	200	50	50	N	N	100	50	N	20	N	200
SB0008	N	N	30	200	30	200	N	N	70	30	N	50	N	300
SB0009	N	N	30	300	50	50	N	N	100	50	N	50	N	300
SB0010	N	N	20	100	30	20	N	N	20	50	N	20	N	500
SB0011	N	N	20	150	30	200	N	N	30	50	N	20	N	500
SB0012	N	N	20	150	30	200	N	20	20	50	N	30	N	300
SB0013	N	N	20	150	30	70	N	30	50	50	N	30	N	500
SB0014	N	N	15	100	30	20	N	20	20	50	N	20	N	300
SB0015	N	N	30	150	30	20	N	20	50	70	N	30	N	300
SB0016	N	N	20	150	30	100	N	N	50	50	N	20	N	500
SB0017	N	N	15	150	20	50	N	N	50	50	N	20	N	500
SB0018	N	N	15	150	20	200	N	N	20	50	N	20	N	500
SB0019	N	N	20	200	30	500	N	30	50	50	N	30	N	300
SB0020	N	N	30	200	30	1,000	N	N	50	50	N	30	N	500
SB0021	N	N	20	150	30	100	N	N	50	70	N	20	N	300
SB0022	N	N	20	150	30	100	N	N	30	50	N	30	N	300
SB0023	N	N	30	150	30	20	N	N	70	30	N	30	N	100
SB0024	N	N	50	200	50	100	N	N	150	70	N	30	N	300
SB0025	N	N	20	150	30	20	N	N	100	30	N	20	N	200
SB0026	N	N	30	150	30	100	N	N	100	50	N	20	N	200
SB0027	N	N	30	150	50	100	N	N	100	50	N	20	N	200
SB0028	N	N	30	150	30	50	N	N	100	50	N	20	N	200
SB0029	N	N	30	150	30	30	N	N	100	30	N	20	N	200
SB0030	N	N	15	70	20	20	N	N	20	30	N	20	N	200
SB0031	N	N	20	150	10	100	N	N	20	50	N	50	N	300
SB0032	N	N	20	150	20	200	N	N	50	50	N	50	N	300
SB0033	N	N	20	150	30	100	N	N	100	50	N	20	N	500
SB0034	N	N	20	150	20	700	N	N	50	70	N	20	N	700
SB0035	N	N	20	150	20	20	N	30	50	50	N	30	10	700
SB0036	N	N	20	150	30	200	N	N	70	50	N	30	N	500
SB0037	N	N	50	200	30	20	N	N	100	50	N	30	N	700
SB0038	N	N	20	70	10	100	N	N	20	50	N	20	N	500
SB0039	N	N	30	200	30	100	N	30	70	50	N	30	15	300
SB0040	N	N	15	100	5	150	N	N	15	70	N	15	N	500
SB0041	N	N	15	70	15	20	N	N	20	50	N	15	N	300
SB0042	N	N	20	100	20	50	N	N	30	50	N	20	N	300
SB0043	N	N	15	100	20	20	N	N	30	50	N	15	N	500
SB0044	N	N	30	100	30	20	N	N	50	70	N	20	N	500
SB0045	N	N	20	100	20	20	N	N	50	50	N	20	N	500

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0001	200	N	30	<200	200	N	N	10	80	.30	N	<2
SB0002	150	N	100	<200	500	N	N	<5	60	.10	N	N
SB0003	200	N	30	<200	200	N	N	5	75	.30	N	N
SB0004	200	N	100	200	200	N	N	<5	75	.20	N	N
SB0005	200	N	70	200	300	N	N	<5	65	.10	N	N
SB0006	300	N	200	200	200	N	N	5	120	.10	N	N
SB0007	200	N	50	<200	200	N	N	<5	100	.40	N	N
SB0008	200	N	150	200	200	N	N	<5	70	.30	N	N
SB0009	200	N	150	200	200	N	N	5	80	.30	N	N
SB0010	150	N	100	<200	500	N	N	<5	30	.10	N	N
SB0011	200	N	300	<200	500	N	N	5	30	.20	N	N
SB0012	150	N	200	<200	500	N	N	<5	40	.30	N	N
SB0013	200	N	100	<200	500	N	N	<5	35	.10	N	N
SB0014	150	N	100	<200	500	N	N	<5	35	.20	N	N
SB0015	200	N	200	<200	500	N	N	<5	50	.20	N	N
SB0016	150	N	100	<200	500	N	N	<5	50	.20	N	N
SB0017	150	N	70	<200	500	N	N	<5	30	.20	N	N
SB0018	150	N	100	N	500	N	.10	<5	25	.20	N	N
SB0019	200	N	200	N	500	200	N	<5	45	.20	N	N
SB0020	200	N	200	N	700	300	N	<5	55	.20	N	N
SB0021	200	N	50	N	500	N	N	5	35	.20	N	N
SB0022	150	N	70	N	700	N	N	<5	50	.20	N	N
SB0023	200	N	200	500	500	N	N	<5	85	.50	N	N
SB0024	300	N	100	N	1,000	N	N	<5	80	.50	N	N
SB0025	200	N	70	<200	300	N	N	<5	95	.60	N	N
SB0026	300	N	70	<200	300	N	N	<5	100	.40	N	N
SB0027	300	N	70	<200	500	N	N	<5	85	.40	N	N
SB0028	300	N	70	200	300	N	N	<5	115	.80	N	N
SB0029	300	N	50	<200	300	N	N	<5	115	1.10	N	N
SB0030	100	N	50	N	500	N	N	<5	30	.20	N	N
SB0031	200	N	150	N	500	N	N	<5	15	.20	N	N
SB0032	200	N	150	N	500	N	N	<5	45	.20	N	N
SB0033	200	N	70	N	500	N	N	<5	35	.20	N	N
SB0034	200	N	150	N	500	200	N	<5	45	.30	N	N
SB0035	200	N	150	N	300	N	N	<5	15	.20	N	N
SB0036	200	N	100	N	500	100	N	<5	55	.30	N	N
SB0037	200	N	100	N	300	N	N	<5	55	.20	N	N
SB0038	150	N	70	N	300	N	N	<5	20	.20	N	N
SB0039	200	N	200	N	700	N	N	--	--	--	--	--
SB0040	100	N	70	N	700	N	N	--	--	--	--	--
SB0041	100	N	30	N	500	N	N	<5	40	.20	N	N
SB0042	150	N	70	N	500	N	N	<5	35	.20	N	N
SB0043	150	N	50	N	500	N	N	<5	30	.20	N	N
SB0044	200	N	50	N	300	N	N	<5	30	.20	N	N
SB0045	150	N	30	N	300	N	N	<5	45	.20	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB0046	65 6 45	164 28 30	5.0	1.00	2.00	1.00	1,000	N	N	N	500	700	10.0
SB0047	65 5 7	164 11 20	7.0	.70	.70	1.00	3,000	N	N	N	500	1,000	7.0
SB0048	65 5 15	164 11 35	7.0	2.00	1.00	1.00	3,000	N	N	N	200	700	7.0
SB0049	65 7 35	164 9 40	7.0	2.00	1.00	1.00	3,000	N	N	N	1,000	2,000	10.0
SB0050	65 6 42	164 10 55	7.0	2.00	1.00	1.00	3,000	N	N	N	500	1,000	5.0
SB0051	65 5 52	164 5 37	7.0	2.00	1.00	1.00	5,000	N	N	N	200	2,000	2.0
SB0052	65 5 10	164 4 50	7.0	2.00	2.00	1.00	2,000	N	N	N	200	1,500	5.0
SB0053	65 6 45	164 3 52	7.0	2.00	2.00	1.00	5,000	N	N	N	500	1,500	7.0
SB0054	65 7 20	164 4 40	7.0	2.00	2.00	1.00	5,000	N	N	N	1,000	1,500	7.0
SB0055	65 8 10	164 1 0	7.0	2.00	2.00	1.00	3,000	N	N	N	200	700	7.0
SB0056	65 9 35	164 2 55	7.0	2.00	2.00	1.00	1,500	N	N	N	200	700	5.0
SB0057	65 9 52	163 55 5	7.0	2.00	5.00	1.00	1,500	N	N	N	100	700	5.0
SB0058	65 9 55	163 54 55	7.0	2.00	5.00	1.00	2,000	N	N	N	100	700	5.0
SB0059	65 11 10	163 58 37	7.0	1.00	2.00	.50	5,000	N	N	N	700	1,500	15.0
SB0060	65 11 10	163 59 0	7.0	2.00	2.00	.70	1,500	N	N	N	700	700	7.0
SB0061	65 10 7	163 52 7	7.0	2.00	5.00	1.00	1,500	N	N	N	70	700	7.0
SB0062	65 11 35	164 1 20	7.0	2.00	2.00	1.00	1,500	N	N	N	700	700	10.0
SB0063	65 10 25	163 50 45	7.0	2.00	5.00	1.00	2,000	N	N	N	100	700	7.0
SB0064	65 10 30	163 51 0	7.0	3.00	3.00	1.00	2,000	N	N	N	150	700	3.0
SB0065	65 11 25	163 55 30	7.0	3.00	2.00	1.00	1,500	N	N	N	150	700	3.0
SB0066	65 11 40	163 55 55	5.0	2.00	2.00	.50	5,000	N	N	N	1,000	1,500	15.0
SB0067	65 13 15	163 55 30	3.0	1.00	2.00	.30	700	N	N	N	500	1,500	7.0
SB0068	65 13 10	163 55 15	5.0	1.00	2.00	.50	700	N	N	N	200	2,000	7.0
SB0069	65 12 0	163 55 20	7.0	3.00	3.00	1.00	2,000	N	N	N	200	700	1.0
SB0070	65 12 22	163 52 35	5.0	2.00	2.00	.50	1,500	N	N	N	500	1,000	5.0
SB0071	65 12 15	163 52 25	10.0	3.00	5.00	1.00	2,000	N	N	N	200	700	1.0
SB0072	65 9 25	163 58 0	5.0	2.00	5.00	.70	1,500	N	N	N	70	700	5.0
SB0073	65 8 55	163 59 25	5.0	2.00	5.00	.70	1,500	N	N	N	500	700	5.0
SB0074	65 5 52	164 1 0	7.0	2.00	2.00	.70	5,000	N	N	N	200	1,000	2.0
SB0075	65 6 10	163 59 0	5.0	2.00	2.00	1.00	5,000	N	N	N	300	1,000	3.0
SB0076	65 6 30	163 56 35	7.0	2.00	2.00	.70	5,000	N	N	N	100	1,000	5.0
SB0077	65 6 40	163 53 45	7.0	3.00	5.00	.70	3,000	N	N	N	70	700	5.0
SB0078	65 8 45	163 49 35	5.0	3.00	5.00	.70	1,500	N	N	N	70	1,500	7.0
SB0079	65 8 35	163 49 25	5.0	3.00	5.00	.70	2,000	N	N	N	200	700	2.0
SB0080	65 7 15	163 52 5	5.0	3.00	3.00	.70	1,500	N	N	N	100	700	2.0
SB0081	65 7 45	163 37 50	7.0	3.00	3.00	.70	2,000	N	N	N	100	1,000	7.0
SB0082	65 8 35	163 43 45	7.0	3.00	5.00	.70	5,000	N	N	N	200	700	7.0
SB0083	65 10 30	163 35 55	7.0	3.00	3.00	.50	1,500	N	N	N	200	1,000	10.0
SB0084	65 9 10	163 38 22	7.0	3.00	5.00	.70	3,000	N	N	N	100	1,000	3.0
SB0085	65 10 15	163 40 0	7.0	2.00	3.00	.70	5,000	N	N	N	200	1,000	7.0
SB0086	65 11 40	163 37 25	7.0	1.00	2.00	.50	1,000	N	N	N	70	1,500	7.0
SB0087	65 13 0	163 37 35	7.0	1.50	2.00	.50	3,000	N	N	N	200	2,000	7.0
SB0088	65 10 22	163 42 30	7.0	3.00	5.00	.70	1,500	N	N	N	70	1,000	7.0
SB0089	65 11 5	163 45 20	7.0	2.00	2.00	.50	1,500	N	N	N	200	1,000	7.0
SB0090	65 11 40	163 40 40	7.0	2.00	2.00	.50	3,000	N	N	N	200	2,000	10.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0046	N	N	30	150	30	70	N	N	70	70	N	30	N	300
SB0047	N	N	30	150	30	30	N	N	100	50	N	30	N	200
SB0048	N	N	50	200	30	30	N	N	100	50	N	30	N	300
SB0049	N	N	30	200	50	30	10	N	100	70	N	30	N	300
SB0050	N	N	30	200	30	30	N	N	100	50	N	30	N	300
SB0051	N	N	30	150	30	50	N	N	70	50	N	30	N	300
SB0052	N	N	50	150	30	150	N	N	100	50	N	30	N	300
SB0053	N	N	50	200	30	50	N	N	100	50	N	30	N	300
SB0054	N	N	70	200	50	50	N	N	100	50	N	30	N	300
SB0055	N	N	50	200	30	20	N	N	100	50	N	30	N	300
SB0056	N	N	50	200	50	20	N	N	100	50	N	30	N	300
SB0057	N	N	50	200	50	100	N	N	100	70	N	30	N	500
SB0058	N	N	50	200	30	100	N	N	70	100	N	30	N	500
SB0059	N	N	200	150	200	50	10	N	500	70	N	20	N	300
SB0060	N	N	30	200	50	100	N	<20	100	50	N	30	N	300
SB0061	N	N	30	150	50	200	N	<20	70	100	N	30	N	700
SB0062	N	N	30	200	50	150	N	<20	70	100	N	30	N	300
SB0063	N	N	30	150	50	150	N	<20	70	150	N	30	N	700
SB0064	N	N	30	100	70	50	N	N	100	70	N	20	N	200
SB0065	N	N	20	150	70	70	N	N	100	70	N	20	N	200
SB0066	N	N	200	150	200	30	10	N	200	50	N	30	N	300
SB0067	N	N	20	100	30	20	N	N	70	50	N	10	N	300
SB0068	N	N	20	100	30	150	7	N	100	50	N	20	N	300
SB0069	N	N	50	150	100	300	N	N	100	100	N	30	N	200
SB0070	N	N	30	150	30	50	N	N	100	150	N	20	N	300
SB0071	N	N	70	150	300	70	N	<20	100	150	N	50	N	300
SB0072	N	N	30	150	30	50	N	N	50	50	N	30	N	500
SB0073	N	N	30	150	30	70	N	<20	50	100	N	30	N	300
SB0074	N	N	20	150	30	100	N	20	70	50	N	15	N	300
SB0075	N	N	30	150	30	70	N	N	70	50	N	15	N	300
SB0076	N	N	50	200	50	150	N	N	100	70	N	30	N	300
SB0077	N	N	50	200	50	200	N	N	100	50	N	50	N	300
SB0078	N	N	30	150	30	200	N	<20	70	100	N	20	N	1,000
SB0079	N	N	50	150	50	150	N	N	100	70	N	30	N	500
SB0080	N	N	50	150	50	100	N	N	100	70	N	30	N	500
SB0081	N	N	30	150	30	70	N	N	70	70	N	20	N	500
SB0082	N	N	50	200	30	300	N	<20	100	100	N	30	N	500
SB0083	N	N	30	150	30	100	N	N	70	70	N	20	N	700
SB0084	N	N	30	150	30	200	N	N	50	50	N	30	N	700
SB0085	N	N	30	150	30	200	N	<20	70	70	N	30	N	700
SB0086	N	N	20	100	30	70	N	N	70	100	N	15	N	1,000
SB0087	N	N	20	150	30	200	7	N	100	70	N	20	N	300
SB0088	N	N	20	150	30	300	N	N	70	100	N	30	N	1,000
SB0089	N	N	20	150	30	200	N	N	70	100	N	20	N	500
SB0090	N	N	20	150	30	150	N	N	70	70	N	20	N	500

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0046	200	N	70	N	700	N	N	<5	40	.20	N	N
SB0047	300	N	50	200	200	N	N	<5	100	2.10	N	N
SB0048	300	N	70	200	200	N	N	<5	90	.90	N	N
SB0049	300	N	70	500	300	N	N	<5	180	2.30	N	N
SB0050	300	N	70	200	200	N	N	<5	110	1.40	N	N
SB0051	300	N	200	300	200	N	N	<5	170	2.10	N	N
SB0052	300	N	70	200	200	N	N	10	190	2.50	N	N
SB0053	300	N	70	200	200	N	N	5	200	2.50	N	N
SB0054	300	N	70	700	300	N	N	<5	270	2.90	N	N
SB0055	300	N	70	<200	200	N	N	<5	85	.50	N	N
SB0056	300	N	70	<200	200	N	N	<5	85	.50	N	N
SB0057	300	N	100	<200	300	N	N	<5	75	.20	N	N
SB0058	300	N	200	200	300	N	N	<5	75	.30	N	N
SB0059	300	N	100	1,000	200	N	N	<5	900	30.00	N	N
SB0060	300	N	100	200	500	N	N	<5	120	.50	N	N
SB0061	300	N	100	<200	500	N	N	<5	90	.30	N	N
SB0062	200	N	70	300	300	N	N	<5	120	.50	N	N
SB0063	200	N	100	<200	500	N	N	5	120	.60	N	N
SB0064	500	N	100	300	500	N	N	10	130	1.00	N	N
SB0065	500	N	50	300	300	N	N	<5	160	1.60	N	N
SB0066	200	N	100	1,000	200	N	N	<5	850	15.00	N	N
SB0067	200	N	30	200	200	N	N	<5	100	.70	N	N
SB0068	200	N	100	200	200	N	N	<5	95	.40	N	N
SB0069	300	N	100	200	200	N	N	35	100	.90	N	N
SB0070	200	N	50	500	200	N	N	110	240	1.90	N	N
SB0071	500	N	100	500	300	N	N	40	120	.90	N	N
SB0072	200	N	70	N	300	N	N	<5	20	.10	N	N
SB0073	200	N	100	N	300	N	N	<5	55	.20	N	N
SB0074	300	N	100	<200	500	N	N	20	80	.90	N	N
SB0075	200	N	500	<200	500	N	N	<5	50	.30	N	N
SB0076	200	N	100	N	500	N	N	<5	75	.30	N	N
SB0077	200	N	200	N	500	N	N	<5	40	.10	N	N
SB0078	150	N	100	N	300	N	N	<5	35	.50	N	N
SB0079	150	N	100	N	300	N	N	<5	60	.40	N	N
SB0080	200	N	100	N	500	N	N	<5	55	.60	N	N
SB0081	200	N	70	200	300	N	N	<5	100	.30	N	N
SB0082	200	100	100	200	500	N	N	5	130	.50	N	N
SB0083	200	N	70	N	500	N	N	5	75	.40	N	N
SB0084	300	N	500	N	500	N	N	5	65	.30	N	N
SB0085	300	N	200	N	500	N	N	10	90	.30	N	N
SB0086	200	N	50	<200	300	N	N	<5	100	.30	N	N
SB0087	300	N	200	200	200	N	N	<5	160	2.50	N	N
SB0088	200	N	70	<200	500	N	N	<5	70	.20	N	N
SB0089	200	N	70	<200	200	N	N	10	100	.50	N	N
SB0090	300	N	100	200	200	N	N	5	120	1.40	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB0091	65 11 25	163 42 45	7.0	2.00	2.00	.50	2,000	N	N	N	100	1,000	7.0
SB0092	65 12 45	163 42 40	7.0	2.00	2.00	.50	1,000	N	N	N	500	1,000	10.0
SB0093	65 13 0	163 43 55	7.0	2.00	2.00	.50	2,000	N	N	N	200	1,000	10.0
SB0094	65 12 37	163 47 5	7.0	5.00	2.00	.50	1,500	N	N	N	500	1,000	10.0
SB0095	65 12 45	163 47 15	7.0	3.00	2.00	.50	2,000	N	N	N	500	1,000	10.0
SB0096	65 13 55	163 44 40	5.0	3.00	2.00	.50	1,000	N	N	N	200	1,000	10.0
SB0097	65 14 30	163 46 10	5.0	2.00	2.00	.50	1,000	N	N	N	200	1,000	10.0
SB0098	65 14 35	163 45 50	5.0	2.00	2.00	.50	1,000	N	N	N	200	1,000	10.0
SB0099	65 15 30	163 47 0	5.0	2.00	2.00	.50	1,000	N	N	N	500	1,500	10.0
SB0100	65 16 40	163 47 10	5.0	2.00	2.00	.50	2,000	N	N	N	500	1,500	10.0
SB0101	65 16 37	163 47 15	5.0	2.00	2.00	.50	1,500	N	N	N	500	1,500	7.0
SB0102	65 18 15	163 50 45	5.0	1.00	2.00	.50	2,000	N	N	N	700	2,000	10.0
SB0103	65 18 10	163 50 20	5.0	2.00	2.00	.70	2,000	N	N	N	700	2,000	5.0
SB0104	65 17 0	163 47 35	5.0	1.00	1.00	.70	1,500	.5	N	N	500	2,000	7.0
SB0105	65 20 15	163 53 40	5.0	1.00	1.00	.70	1,000	N	N	N	500	2,000	10.0
SB0106	65 21 30	163 53 50	2.0	.50	.50	.50	500	N	N	N	200	5,000	3.0
SB0107	65 19 45	163 48 15	2.0	.50	.30	.30	150	N	N	N	500	5,000	30.0
SB0108	65 21 10	163 50 15	5.0	1.00	1.00	.50	700	1.0	N	N	150	5,000	7.0
SB0109	65 21 22	163 50 15	5.0	.70	1.00	.50	3,000	N	N	N	700	5,000	7.0
SB0110	65 20 5	163 56 30	5.0	.70	1.00	.50	1,500	N	N	N	500	2,000	7.0
SB0111	65 19 0	163 58 40	5.0	1.00	2.00	.50	1,500	N	N	N	500	2,000	20.0
SB0112	65 19 52	163 58 52	5.0	.70	1.00	.50	1,500	N	N	N	500	1,000	5.0
SB0113	65 18 25	164 3 50	7.0	.70	1.00	1.00	3,000	N	N	N	200	500	10.0
SB0114	65 17 25	164 4 0	7.0	1.00	.70	.70	2,000	N	N	N	200	500	10.0
SB0115	65 15 45	164 3 0	7.0	1.00	1.00	.50	700	N	N	N	700	700	7.0
SB0116	65 16 30	164 9 15	7.0	1.00	1.00	.50	1,000	N	N	N	200	700	5.0
SB0117	65 16 25	164 9 45	7.0	1.00	1.00	.70	1,500	N	N	N	500	700	7.0
SB0118	65 15 55	164 4 55	5.0	1.00	1.00	.70	700	N	N	N	500	500	5.0
SB0119	65 15 37	163 57 45	5.0	1.00	2.00	.50	2,000	N	N	N	500	1,500	5.0
SB0120	65 15 45	163 57 37	5.0	1.00	2.00	.50	1,500	N	N	N	200	1,500	7.0
SB0121	64 56 5	163 44 30	2.0	1.00	.30	.50	1,000	N	N	N	70	500	1.0
SB0122	64 56 52	163 45 0	3.0	.70	.20	.30	500	N	N	N	70	500	1.5
SB0123	64 57 55	163 44 7	3.0	.70	.20	.50	500	<.5	N	N	70	200	1.5
SB0124	64 57 52	163 43 55	3.0	.70	.20	.50	500	<.5	N	N	70	300	1.5
SB0125	64 56 25	163 41 15	2.0	.50	.30	.50	500	N	N	N	70	300	1.0
SB0126	64 56 30	163 41 22	3.0	.70	.50	.70	700	N	N	N	150	500	1.5
SB0127	64 57 45	163 39 15	2.0	1.00	.50	.50	500	N	N	N	70	300	1.0
SB0128	64 57 55	163 39 25	3.0	1.00	.70	.50	1,500	<.5	N	N	70	500	1.5
SB0129	64 58 35	163 38 5	2.0	1.00	1.00	.50	1,000	N	N	N	100	300	1.0
SB0130	64 57 25	163 40 5	2.0	.70	.30	.50	300	N	N	N	70	500	1.5
SB0131	64 59 0	163 39 30	3.0	.70	.20	.30	200	N	N	N	100	500	1.0
SB0132	64 59 10	163 39 30	5.0	1.00	1.00	.70	2,000	N	N	N	200	700	1.5
SB0133	64 59 40	163 40 5	2.0	.70	.70	.50	500	N	N	N	100	500	1.5
SB0134	65 1 0	163 40 10	5.0	.70	.30	.70	300	N	N	N	100	500	1.5
SB0135	65 1 10	163 39 45	5.0	1.00	.70	.70	2,000	N	N	N	300	700	2.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0091	N	N	20	150	30	100	N	N	70	100	N	20	N	500
SB0092	N	N	30	150	30	200	N	N	100	70	N	20	N	300
SB0093	N	N	50	150	100	100	N	N	100	200	N	20	N	300
SB0094	N	N	50	150	100	100	N	N	70	100	N	30	N	300
SB0095	N	N	100	150	150	30	N	N	200	300	N	30	N	300
SB0096	N	N	30	150	50	30	N	<20	100	70	N	20	N	300
SB0097	N	N	30	150	30	30	N	N	100	70	N	20	N	300
SB0098	N	N	30	150	30	150	N	N	100	70	N	20	N	300
SB0099	N	N	30	150	30	150	N	N	70	70	N	20	N	300
SB0100	N	N	70	150	100	200	7	20	200	100	N	20	N	300
SB0101	N	N	20	100	30	150	5	30	100	70	N	20	N	300
SB0102	N	N	20	100	30	30	7	<20	70	50	N	20	N	200
SB0103	N	N	30	100	30	300	7	30	100	50	N	30	N	300
SB0104	N	N	70	100	100	70	10	20	100	50	N	15	N	300
SB0105	N	N	20	100	30	70	7	20	100	50	N	20	N	300
SB0106	N	N	15	50	20	N	7	N	50	70	N	10	N	300
SB0107	N	N	5	50	30	N	5	N	20	50	N	7	N	300
SB0108	N	N	30	150	50	20	15	N	100	50	N	15	N	300
SB0109	N	N	15	100	30	20	7	N	50	50	N	15	N	300
SB0110	N	N	30	100	30	20	N	N	50	50	N	15	N	300
SB0111	N	N	20	150	30	20	7	N	70	30	N	20	N	500
SB0112	N	N	30	150	30	50	N	N	70	30	N	20	N	300
SB0113	N	N	50	200	30	100	N	20	70	30	N	20	N	200
SB0114	N	N	50	200	30	100	N	N	70	50	N	20	N	100
SB0115	N	N	30	150	30	50	N	N	70	50	N	20	N	200
SB0116	N	N	30	150	30	100	N	N	70	30	N	20	N	200
SB0117	N	N	30	150	30	100	N	N	70	30	N	20	N	200
SB0118	N	N	30	150	30	70	N	N	70	50	N	20	N	200
SB0119	N	N	30	100	30	70	N	N	100	50	N	15	N	300
SB0120	N	N	30	150	30	50	N	N	100	50	N	20	N	300
SB0121	N	N	20	50	20	N	10	N	30	20	N	15	N	<100
SB0122	N	N	20	70	30	<20	<5	N	50	20	N	15	N	N
SB0123	N	N	20	70	30	20	10	N	50	20	N	20	N	<100
SB0124	N	N	20	70	30	<20	15	N	50	20	N	15	N	N
SB0125	N	N	10	50	15	N	N	N	30	15	N	10	N	N
SB0126	N	N	15	50	20	N	<5	N	30	15	N	15	N	N
SB0127	N	N	10	70	15	<20	N	N	30	10	N	10	N	N
SB0128	N	N	15	70	30	<20	N	N	30	20	N	15	N	<100
SB0129	N	N	10	50	20	N	N	N	50	10	N	10	N	<100
SB0130	N	N	10	50	20	<20	N	N	30	15	N	10	N	N
SB0131	N	N	10	50	20	N	N	N	30	15	N	10	N	N
SB0132	N	N	10	50	30	150	<5	N	50	10	N	15	N	<100
SB0133	N	N	10	50	20	N	<5	N	30	30	N	10	N	<100
SB0134	N	N	10	50	30	N	10	N	50	20	N	10	N	N
SB0135	<10	N	10	70	30	50	<5	<20	30	20	N	20	N	100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0091	200	N	70	<200	200	N	N	10	100	.40	N	N
SB0092	300	N	70	<200	200	N	N	<5	120	.60	N	N
SB0093	300	N	70	700	200	N	N	5	280	2.00	N	N
SB0094	300	N	70	300	200	N	N	5	140	.70	N	N
SB0095	500	N	100	700	500	N	N	15	410	2.70	N	N
SB0096	300	N	70	200	300	N	N	<5	100	.60	N	N
SB0097	200	N	50	200	300	N	N	<5	120	.60	N	N
SB0098	300	N	70	300	300	N	N	<5	150	1.20	N	N
SB0099	300	N	70	200	300	N	N	<5	130	.80	N	N
SB0100	300	N	100	1,000	300	N	N	<5	780	6.70	N	N
SB0101	300	N	70	200	300	N	N	10	150	1.50	N	N
SB0102	300	N	70	500	300	N	N	20	160	1.40	N	N
SB0103	300	N	100	500	200	N	N	5	210	1.90	N	N
SB0104	300	N	70	700	150	N	N	<5	380	2.40	N	N
SB0105	200	N	100	200	200	N	N	<5	170	1.30	N	N
SB0106	200	N	20	<200	150	N	N	<5	60	.50	N	N
SB0107	300	N	20	<200	150	N	N	<5	40	.30	N	N
SB0108	700	N	20	200	150	N	N	<5	160	1.30	N	N
SB0109	300	N	30	200	150	N	N	<5	80	.80	N	N
SB0110	200	N	50	<200	300	N	N	<5	65	.30	N	N
SB0111	200	N	70	200	200	N	N	5	140	.90	N	N
SB0112	200	N	70	200	300	N	N	<5	120	.50	N	N
SB0113	200	N	100	700	500	N	N	<5	90	.10	N	N
SB0114	200	N	200	200	500	N	N	<5	80	.20	N	N
SB0115	200	N	30	200	300	N	N	<5	80	.30	N	N
SB0116	200	50	70	200	300	N	N	<5	60	.20	N	N
SB0117	200	N	70	300	300	N	N	<5	75	.20	N	N
SB0118	200	N	30	200	200	N	N	<5	75	.20	N	N
SB0119	300	N	70	200	200	N	N	5	170	2.50	N	N
SB0120	200	N	70	300	200	N	N	5	250	2.50	N	N
SB0121	100	N	20	N	200	N	N	10	70	.30	N	N
SB0122	150	N	15	N	150	N	N	5	85	.50	N	N
SB0123	150	N	20	N	200	N	N	5	85	.40	N	N
SB0124	150	N	30	N	150	N	N	<5	95	.50	N	N
SB0125	100	N	20	N	200	N	N	5	60	.40	N	N
SB0126	100	N	50	N	150	N	N	10	50	.40	N	N
SB0127	100	N	10	N	100	N	.40	<5	65	.20	N	N
SB0128	100	N	30	N	150	N	N	10	60	.50	N	5
SB0129	100	N	15	N	100	N	N	10	55	.50	N	N
SB0130	100	N	20	N	200	N	N	5	50	.30	N	N
SB0131	100	N	15	N	150	N	2.00	15	60	.50	N	2
SB0132	100	N	200	N	200	N	3.20	30	65	.80	N	7
SB0133	100	N	30	N	200	N	N	20	70	.40	N	N
SB0134	100	N	20	N	200	N	N	40	50	.40	N	13
SB0135	150	N	50	N	200	N	N	5	70	.50	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB0136	65 1 45	163 38 30	3.0	1.00	1.00	.50	1,500	<.5	N	N	200	700	2.0
SB0137	65 1 45	163 38 20	3.0	1.00	.50	.50	1,000	N	N	N	150	1,000	2.0
SP0138	65 2 45	163 40 20	5.0	1.50	1.00	.50	2,000	N	N	N	300	500	2.0
SB0139	65 3 55	163 42 20	7.0	1.50	1.00	.70	5,000	N	N	N	300	300	2.0
SB0140	65 3 40	163 42 30	5.0	1.00	.50	.50	2,000	N	N	N	200	500	2.0
SR0141	65 3 25	163 44 25	3.0	.70	.20	.70	500	N	N	N	100	300	1.5
SB0142	65 3 30	163 44 30	5.0	1.50	.15	.50	700	N	N	N	150	500	3.0
SB0143	65 5 15	163 46 40	2.0	.70	.15	.20	500	N	N	N	100	200	1.5
SB0144	65 5 20	163 46 45	5.0	1.00	1.00	.70	1,000	N	N	N	200	500	2.0
SR0145	65 5 30	163 43 55	5.0	1.50	1.00	.70	1,000	N	N	N	500	500	2.0
SB0146	65 15 45	163 19 10	3.0	2.00	2.00	.30	700	N	N	N	100	700	5.0
SB0147	65 17 35	163 18 0	2.0	2.00	2.00	.30	1,000	N	N	N	150	500	7.0
SB0148	65 17 55	163 16 0	5.0	2.00	2.00	.50	1,000	N	N	N	70	700	5.0
SB0149	65 17 50	163 15 40	5.0	1.50	2.00	.50	1,500	N	N	N	150	500	5.0
SB0150	65 18 45	163 18 45	1.5	3.00	5.00	.20	1,000	N	N	N	200	500	5.0
SB0151	65 19 10	163 16 5	3.0	2.00	3.00	.20	1,000	N	N	N	50	700	5.0
SB0152	65 19 15	163 15 50	7.0	1.00	2.00	.70	1,500	N	N	N	<10	1,000	5.0
SB0153	65 18 0	163 14 25	3.0	1.50	2.00	.30	1,000	N	N	N	70	300	5.0
SB0154	65 19 30	163 10 15	3.0	1.00	2.00	.30	1,000	N	N	N	50	700	5.0
SB0155	65 18 52	163 15 35	3.0	3.00	5.00	.20	1,000	N	N	N	150	500	5.0
SB0156	65 15 7	163 22 0	2.0	1.00	.70	.30	1,000	.5	N	N	150	1,500	3.0
SB0157	65 16 5	163 21 55	1.0	5.00	10.00	.20	300	N	N	N	100	200	5.0
SB0158	65 16 10	163 24 40	3.0	1.50	1.00	.20	1,000	<.5	N	N	150	1,000	3.0
SB0159	65 15 10	163 26 50	3.0	1.00	1.00	.30	1,500	.5	N	N	200	1,000	3.0
SB0160	65 4 5	163 41 37	5.0	1.00	1.00	1.00	5,000	N	N	N	300	700	2.0
SB0161	65 5 30	163 42 0	5.0	1.50	1.00	.50	1,000	<.5	N	N	500	700	2.0
SB0162	65 4 50	163 39 30	5.0	.70	1.00	.50	500	N	N	N	70	500	2.0
SB0163	65 6 37	163 44 50	5.0	1.50	1.50	.50	1,500	N	N	N	200	700	3.0
SB0164	65 5 15	163 45 20	5.0	1.50	1.00	.70	700	N	N	N	200	500	2.0
SB0165	65 5 10	163 45 35	5.0	1.00	.70	.50	1,000	<.5	N	N	200	500	2.0
SB0166	65 6 35	163 48 40	5.0	1.00	.70	.50	1,000	<.5	N	N	500	500	3.0
SB0167	65 5 45	163 52 15	5.0	1.00	1.00	.50	2,000	<.5	N	N	500	700	2.0
SB0168	65 5 37	163 52 0	5.0	1.00	.70	.50	1,000	.7	N	N	300	1,000	3.0
SB0169	65 5 25	163 52 25	5.0	1.00	.50	.50	700	<.5	N	N	200	500	3.0
SB0170	65 5 25	163 54 0	3.0	1.00	.70	.50	1,000	.5	N	N	150	700	5.0
SB0171	65 3 5	163 56 55	3.0	1.00	.20	.50	500	<.5	N	N	200	500	3.0
SB0172	65 3 0	163 56 40	3.0	1.00	.15	.50	500	N	N	N	200	500	2.0
SB0173	65 2 35	163 59 5	5.0	1.00	.20	.50	700	<.5	N	N	150	700	3.0
SP0174	65 3 0	164 1 10	5.0	1.00	.30	.50	1,500	.5	N	N	200	1,000	3.0
SB0175	65 2 20	164 5 0	5.0	1.00	.50	.70	2,000	N	N	N	150	1,000	2.0
SB0176	64 59 50	164 3 22	5.0	1.00	.20	.50	1,000	N	N	N	100	700	3.0
SB0177	64 58 52	164 1 10	5.0	1.00	.15	.50	1,000	<.5	N	N	100	500	2.0
SR0178	65 14 20	164 47 5	2.0	1.00	.50	.50	700	.5	N	N	150	1,000	2.0
SB0179	65 14 35	164 44 50	3.0	.70	.50	.70	2,000	<.5	N	N	150	1,000	2.0
SR0180	64 54 0	163 44 15	5.0	.70	.50	.70	3,000	N	N	N	100	700	2.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0136	N	N	10	70	20	30	7	N	30	20	N	20	N	100
SB0137	<10	N	10	70	20	20	7	<20	50	20	N	15	N	150
SB0138	<10	N	10	70	20	100	N	<20	30	20	N	20	N	100
SB0139	<10	N	15	70	20	20	5	N	30	20	N	30	N	<100
SB0140	<10	N	15	70	20	70	N	20	50	20	N	20	N	100
SB0141	N	N	10	50	15	<20	<5	<20	30	20	N	10	N	<100
SB0142	<10	N	15	100	20	20	5	N	70	30	N	15	N	<100
SB0143	<10	N	7	50	20	N	N	N	50	30	N	10	N	N
SB0144	N	N	20	70	30	100	N	N	50	20	N	20	N	N
SB0145	N	N	20	100	50	100	N	N	70	20	N	30	N	<100
SB0146	N	N	10	70	10	100	N	N	30	30	N	15	<10	500
SB0147	N	N	7	70	10	50	N	N	20	50	N	15	10	300
SB0148	N	N	7	50	5	70	N	20	10	30	N	10	15	700
SB0149	N	N	10	100	10	200	N	<20	20	30	N	20	15	700
SB0150	N	N	<5	50	7	70	7	<20	7	30	N	10	10	500
SB0151	N	N	7	30	7	70	<5	20	15	50	N	7	10	500
SB0152	N	N	10	20	<5	200	10	30	7	30	N	10	30	1,000
SB0153	N	N	10	70	15	50	N	N	20	50	N	15	<10	500
SB0154	<10	N	10	50	10	100	N	20	30	50	N	15	10	700
SB0155	<10	N	10	70	10	50	N	N	20	30	N	15	<10	500
SB0156	N	N	10	50	20	30	7	N	50	50	N	15	N	200
SB0157	N	N	<5	30	5	70	N	N	10	20	N	5	N	300
SB0158	<10	N	10	70	20	<20	<5	N	30	50	N	10	N	200
SB0159	<10	N	10	70	30	<20	5	N	50	30	N	15	N	200
SB0160	<10	N	10	70	20	200	N	20	20	20	N	30	<10	200
SB0161	N	N	15	100	30	100	N	N	50	30	N	20	N	<100
SB0162	N	N	10	50	10	50	N	N	15	20	N	15	N	200
SB0163	N	N	15	100	30	100	5	<20	70	30	N	30	N	200
SB0164	N	N	15	100	50	100	N	<20	50	20	N	20	N	150
SB0165	N	N	15	100	30	50	N	<20	50	20	N	20	N	100
SB0166	N	N	30	150	50	70	5	N	70	30	N	20	N	150
SB0167	N	N	10	100	30	150	<5	<20	50	20	N	20	N	100
SB0168	N	N	15	150	50	50	5	N	50	30	N	20	N	N
SB0169	N	N	20	150	30	50	N	<20	70	20	N	20	N	<100
SB0170	N	N	20	100	20	100	N	N	50	20	N	20	N	100
SB0171	N	N	15	100	20	50	N	<20	50	15	N	15	N	<100
SB0172	N	N	10	70	20	200	N	N	50	15	N	15	N	N
SB0173	N	N	10	100	20	<20	N	<20	50	15	N	20	N	<100
SB0174	N	N	15	70	20	30	N	N	30	20	N	15	N	<100
SB0175	N	N	15	70	20	70	N	<20	30	15	N	20	N	100
SB0176	N	N	15	70	15	20	<5	N	50	15	N	15	N	N
SB0177	N	N	15	100	10	50	N	N	50	15	N	15	N	<100
SB0178	N	N	10	70	20	30	5	<20	50	20	N	15	N	150
SB0179	N	N	7	70	20	200	<5	<20	30	15	N	15	N	100
SB0180	<10	N	10	70	10	<20	N	N	30	10	N	20	N	100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0136	100	N	50	N	200	N	N	5	65	.40	N	N
SB0137	100	N	30	N	200	N	N	<5	75	.50	N	N
SB0138	100	N	300	N	200	N	N	10	60	.30	N	N
SB0139	150	N	70	N	200	N	N	<5	50	.40	N	N
SB0140	100	N	50	<200	200	N	N	<5	90	.30	N	N
SB0141	100	N	200	N	150	N	N	5	85	.30	N	N
SB0142	150	N	20	<200	200	N	N	5	110	.20	N	N
SB0143	70	N	15	N	100	N	N	<5	85	.20	N	N
SB0144	150	N	50	N	200	N	N	<5	65	.10	N	N
SB0145	200	N	50	<200	300	N	N	<5	110	1.00	N	N
SB0146	100	N	100	N	200	N	N	<5	50	.20	N	N
SB0147	100	N	30	N	300	N	N	<5	40	.20	N	N
SB0148	150	N	50	N	500	N	N	<5	50	.20	N	N
SB0149	100	N	70	N	500	<100	N	<5	40	.20	N	N
SB0150	70	N	30	N	700	N	N	<5	40	.50	N	N
SB0151	100	N	30	N	150	N	N	<5	65	.40	N	N
SB0152	200	N	100	<200	700	N	N	<5	65	.30	N	N
SB0153	100	N	20	N	200	N	N	<5	50	.20	N	N
SB0154	100	N	50	N	500	N	N	<5	60	.20	N	N
SB0155	100	N	30	N	150	N	N	<5	35	.20	N	N
SB0156	200	N	30	200	200	N	N	<5	160	3.30	N	N
SB0157	50	N	30	N	100	N	N	<5	35	.40	3.0	N
SB0158	150	N	50	200	100	N	N	<5	140	2.30	N	N
SB0159	200	N	20	300	150	N	N	<5	180	2.00	N	N
SB0160	150	N	100	N	300	N	N	<5	50	.40	N	N
SB0161	150	N	70	<200	200	N	N	<5	95	.70	N	N
SB0162	150	N	30	N	150	N	N	5	95	.30	N	N
SB0163	100	N	150	N	200	N	N	<5	90	.60	N	N
SB0164	150	N	100	N	300	N	N	<5	100	.70	N	N
SB0165	150	N	50	<200	300	N	N	5	75	.20	N	N
SB0166	150	N	50	<200	200	N	N	5	110	1.30	N	N
SB0167	100	N	70	N	200	N	N	<5	95	1.00	N	N
SB0168	200	N	30	200	200	N	N	10	130	1.00	N	2
SB0169	150	N	50	<200	200	N	N	5	90	.30	N	N
SB0170	150	N	50	N	300	N	N	5	85	.30	N	N
SB0171	150	N	30	<200	200	N	N	10	95	.20	N	N
SB0172	150	N	50	N	300	N	N	10	95	.20	N	<2
SB0173	150	N	20	<200	200	N	N	15	95	.20	N	N
SB0174	150	N	100	200	150	N	N	15	95	.30	N	N
SB0175	150	N	30	<200	200	N	N	10	85	.20	N	N
SB0176	100	N	50	N	200	N	N	30	90	.30	N	N
SB0177	100	N	20	<200	200	N	N	25	65	.50	N	N
SB0178	150	N	50	<200	200	N	N	5	60	.40	N	N
SB0179	100	N	50	<200	300	N	N	5	45	.20	N	N
SB0180	100	N	50	<200	200	N	.55	5	60	.30	N	<2

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB0181	64 54 30	163 45 0	5.0	1.00	.50	.50	3,000	N	N	N	100	1,000	3.0
SB0182	64 55 10	163 47 5	5.0	1.00	.30	.50	700	N	N	N	100	500	2.0
SB0183	64 55 37	163 48 40	3.0	.70	.15	.30	1,000	N	N	N	100	500	2.0
SB0184	64 55 25	163 50 5	3.0	.50	.50	1.00	1,000	N	N	N	200	500	2.0
SB0185	64 53 55	163 50 55	5.0	.70	.20	.50	700	N	N	N	150	700	2.0
SB0186	64 54 50	163 52 15	3.0	.70	.30	1.00	1,000	N	N	N	150	500	2.0
SB0187	64 55 5	163 53 30	5.0	.70	.50	.70	1,000	N	N	N	150	500	2.0
SB0188	64 55 15	163 56 0	7.0	.70	.20	.70	1,000	N	N	N	150	700	2.0
SB0189	64 55 55	163 53 5	5.0	.50	.20	.70	1,000	N	N	N	150	500	2.0
SB0190	64 57 15	163 54 15	5.0	.70	.30	.50	700	N	N	N	150	700	2.0
SB0191	64 57 52	163 54 0	5.0	.70	1.00	1.00	1,500	N	N	N	100	500	2.0
SB0192	64 57 52	163 53 45	5.0	.70	.20	.50	500	N	N	N	150	500	2.0
SB0193	64 57 22	163 49 45	5.0	.70	.15	.50	500	N	N	N	200	500	3.0
SB0194	64 59 15	163 47 5	3.0	.50	.15	.50	500	N	N	N	150	700	2.0
SB0195	65 1 20	163 50 15	5.0	.70	.10	.70	700	N	N	N	100	500	2.0
SB0196	65 1 20	163 49 55	5.0	.50	.10	.50	500	N	N	N	150	500	3.0
SB0197	65 0 10	163 45 52	3.0	.30	.20	.50	300	N	N	N	100	1,000	2.0
SB0198	65 0 15	163 52 10	5.0	1.00	.30	1.00	1,000	N	N	N	150	700	2.0
SB0199	64 57 52	163 51 35	2.0	.50	.15	.30	500	N	N	N	100	500	1.5
SB0200	64 57 7	163 58 35	5.0	.70	.30	.50	2,000	N	N	N	150	500	2.0
SB0201	64 53 7	163 47 20	5.0	2.00	1.00	.50	1,500	N	N	N	100	500	1.5
SB0202	64 42 0	164 0 20	5.0	2.00	1.50	.50	1,000	N	N	N	100	500	1.5
SB0203	64 41 45	164 0 25	5.0	2.00	1.00	.70	1,000	N	N	N	70	300	1.5
SB0204	64 41 0	163 59 22	5.0	2.00	1.00	.50	1,500	N	N	N	100	500	2.0
SB0205	64 41 25	163 54 35	5.0	2.00	1.50	.70	2,000	N	N	N	70	500	2.0
SB0206	64 41 45	163 57 10	5.0	1.50	1.00	.50	2,000	N	N	N	70	500	1.5
SB0207	64 41 50	163 56 55	5.0	1.00	.50	.50	1,000	N	N	N	100	700	2.0
SB0208	64 41 25	163 50 55	3.0	1.00	.20	.50	700	<.5	N	N	150	1,000	2.0
SB0209	64 41 30	163 51 15	2.0	1.00	.30	.50	700	N	N	N	100	700	2.0
SB0210	64 40 30	163 50 52	2.0	.70	.20	.30	500	N	N	N	150	1,000	2.0
SB0211	64 39 30	163 47 20	3.0	1.00	.10	.50	500	N	N	N	100	500	2.0
SB0212	64 38 7	163 44 55	10.0	.50	.30	.30	>5,000	N	300	N	70	1,000	1.5
SB0213	64 38 40	163 47 35	3.0	.70	.15	.70	700	N	N	N	70	300	2.0
SB0214	64 38 40	163 50 30	3.0	.50	.50	.50	1,000	N	N	N	100	700	1.5
SB0215	64 44 45	163 55 10	3.0	1.50	.20	.30	300	N	N	N	100	500	2.0
SB0216	64 44 5	163 57 25	3.0	1.50	.70	.50	500	<.5	N	N	100	700	2.0
SB0217	64 44 30	163 53 40	5.0	1.00	.15	.50	700	N	N	N	150	700	2.0
SB0218	64 44 40	163 53 35	5.0	1.00	.10	.50	500	N	N	N	150	500	2.0
SB0219	64 45 45	163 44 45	5.0	.50	.10	.50	700	N	N	N	100	500	2.0
SB0220	64 46 0	163 48 20	3.0	1.50	.15	.30	500	N	N	N	100	700	2.0
SB0221	64 39 7	164 16 0	5.0	1.00	.07	.30	1,000	1.0	200	N	70	1,000	2.0
SB0222	64 39 20	164 16 0	3.0	1.00	.10	.30	700	N	N	N	70	700	1.5
SB0223	64 39 0	164 14 15	3.0	1.00	.07	.50	700	<.5	N	N	100	1,000	2.0
SB0224	64 39 10	164 13 10	3.0	1.00	.30	.30	1,000	N	N	N	100	500	2.0
SB0225	64 39 20	164 14 45	3.0	1.00	.10	.30	1,500	.5	N	N	100	1,000	2.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0181	<10	N	20	50	15	20	<5	<20	30	15	N	20	N	100
SB0182	<10	N	10	100	20	30	N	N	50	15	N	15	N	N
SB0183	N	N	30	70	10	20	<5	N	50	10	N	15	N	<100
SB0184	N	N	20	100	30	30	N	<20	50	20	N	20	N	200
SB0185	N	N	30	100	20	50	N	N	70	20	N	15	N	<100
SB0186	N	N	20	100	20	N	N	N	50	15	N	15	N	100
SB0187	N	N	20	100	20	N	N	N	50	20	N	15	N	100
SB0188	N	N	30	100	30	50	N	N	70	30	N	20	N	N
SB0189	N	N	20	100	20	150	N	N	70	20	N	15	N	<100
SB0190	N	N	20	100	20	N	N	N	50	20	N	15	N	100
SB0191	N	N	20	70	50	30	N	<20	50	15	N	20	N	100
SB0192	N	N	20	100	20	30	<5	<20	50	15	N	15	N	<100
SB0193	N	N	20	100	15	50	N	N	50	15	N	20	N	<100
SB0194	N	N	20	70	15	N	N	N	50	15	N	15	N	<100
SB0195	N	N	20	70	30	30	N	N	70	15	N	20	N	100
SB0196	N	N	20	100	30	50	N	<20	50	20	N	20	N	<100
SB0197	N	N	20	50	15	<20	N	N	30	20	N	10	N	<100
SB0198	N	N	30	100	30	50	N	<20	70	20	N	20	N	100
SB0199	N	N	10	50	10	30	5	N	50	10	N	10	N	N
SB0200	N	N	20	70	15	70	N	<20	50	20	N	15	N	<100
SB0201	N	N	20	100	30	20	N	N	70	50	N	15	N	200
SB0202	N	N	20	150	30	50	N	N	70	30	N	20	N	300
SB0203	N	N	15	150	20	20	N	N	70	20	N	15	N	200
SB0204	N	N	20	150	50	50	N	N	70	30	N	20	N	200
SB0205	N	N	20	100	30	50	N	<20	50	20	N	30	N	200
SB0206	N	N	15	100	20	50	N	N	30	20	N	20	N	300
SB0207	N	N	15	70	20	20	N	N	50	20	N	15	N	150
SB0208	N	N	15	70	20	30	7	N	50	30	N	15	N	150
SB0209	N	N	15	50	20	20	5	<20	50	20	N	15	N	100
SB0210	N	N	10	50	20	<20	5	N	50	20	N	10	N	100
SB0211	N	N	15	70	15	<20	N	N	50	20	N	10	N	100
SB0212	N	N	50	30	20	30	N	N	50	20	N	10	N	100
SB0213	N	N	15	70	10	<20	N	N	50	15	N	10	N	<100
SB0214	N	N	15	50	10	N	5	N	30	15	N	15	N	100
SB0215	N	N	15	70	15	<20	N	N	30	20	N	10	N	100
SB0216	N	N	15	70	20	20	5	N	50	30	N	10	N	200
SB0217	N	N	15	100	30	50	N	N	50	50	N	15	N	100
SB0218	N	N	20	100	20	30	N	N	50	30	N	15	N	100
SB0219	N	N	20	100	30	100	N	N	50	30	N	15	N	100
SB0220	N	N	15	70	20	30	<5	N	50	20	N	10	N	<100
SB0221	N	N	20	100	70	30	10	N	100	20	N	15	N	N
SB0222	N	N	15	70	20	20	<5	N	50	15	N	10	N	<100
SB0223	N	N	15	100	30	30	5	N	70	20	N	15	N	<100
SB0224	N	N	15	100	10	<20	N	N	50	15	N	15	N	<100
SB0225	N	N	30	100	50	50	5	N	70	20	N	15	N	<100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0181	100	N	30	<200	200	N	N	15	120	.60	N	<2
SB0182	100	N	70	<200	200	N	<.05	20	90	.30	N	4
SB0183	100	N	20	<200	200	N	N	15	110	.40	N	N
SB0184	150	N	30	N	200	N	N	10	75	.50	N	<2
SB0185	150	N	100	N	200	N	N	25	90	.30	N	6
SB0186	100	N	30	N	200	N	N	5	60	.20	N	N
SB0187	100	N	30	N	200	N	N	15	70	.30	N	6
SB0188	150	N	20	200	300	N	N	95	125	.40	N	41
SB0189	150	N	50	N	200	N	4.55	120	100	.30	N	36
SB0190	150	N	30	N	200	N	N	10	85	.30	N	<2
SB0191	150	N	30	N	200	N	N	5	70	.20	N	N
SB0192	150	N	20	N	200	N	N	10	95	.30	N	2
SB0193	150	N	20	N	200	N	N	20	85	.20	N	<2
SB0194	150	N	20	N	200	N	N	10	80	.30	N	<2
SB0195	100	N	30	<200	200	N	N	10	80	.20	N	<2
SB0196	150	N	30	N	200	N	N	15	75	.20	N	<2
SB0197	100	N	30	N	150	N	N	10	60	.30	N	<2
SB0198	150	N	30	<200	200	N	N	15	95	.40	N	<2
SB0199	100	N	15	N	200	N	N	5	50	.40	N	N
SB0200	100	N	50	N	200	N	N	35	65	.40	N	5
SB0201	150	N	20	N	300	N	N	<10	140	.60	<2.0	<2
SB0202	150	N	50	N	200	N	N	<10	100	.10	<2.0	3
SB0203	200	N	30	N	200	N	N	<10	100	.10	<2.0	<2
SB0204	150	N	30	N	200	N	N	<10	120	.20	<2.0	<2
SB0205	100	N	50	N	300	N	N	<10	85	.30	<2.0	2
SB0206	150	N	30	N	200	N	N	<10	100	.30	<2.0	3
SP0207	100	N	20	N	200	N	N	<10	130	.80	<2.0	<2
SB0208	150	N	20	200	200	N	N	10	200	1.40	<2.0	12
SB0209	100	N	30	N	200	N	N	<10	140	1.00	<2.0	<2
SP0210	150	N	15	<200	150	N	N	<10	200	2.20	<2.0	<2
SB0211	100	N	20	N	200	N	N	15	140	.30	<2.0	<2
SB0212	100	N	20	<200	150	N	1.00	10	120	.30	<2.0	<2
SB0213	100	N	20	N	200	N	N	10	120	.20	<2.0	<2
SB0214	150	N	20	N	150	N	N	<10	85	.30	<2.0	<2
SB0215	100	N	15	N	200	N	N	<10	100	.30	<2.0	<2
SB0216	150	N	20	<200	150	N	N	10	140	1.00	<2.0	8
SB0217	150	N	20	<200	200	N	N	<10	180	.80	<2.0	<2
SB0218	150	N	20	N	200	N	N	10	130	.40	<2.0	4
SB0219	100	N	20	N	200	N	N	60	145	.40	<2.0	62
SB0220	100	N	20	N	150	N	N	200	340	3.60	<2.0	9
SB0221	200	N	30	500	200	N	N	70	270	2.70	<2.0	4
SB0222	150	N	20	200	150	N	N	65	280	2.80	<2.0	4
SB0223	200	N	20	200	200	N	N	10	130	.40	<2.0	4
SB0224	150	N	20	N	200	N	N	15	130	.70	<2.0	3
SB0225	150	N	20	<200	150	N	N	35	170	1.50	<2.0	3

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB0226	64 39 15	164 11 30	2.0	1.00	.20	.30	700	<.5	N	N	100	1,000	2.0
SB0227	64 39 7	164 11 25	3.0	1.50	.30	.50	1,000	<.5	N	N	150	700	2.0
SB0228	64 38 22	164 11 55	3.0	1.00	.20	.30	1,500	<.5	N	N	150	1,000	2.0
SB0229	64 38 25	164 11 25	2.0	.70	.15	.30	1,000	<.5	N	N	100	700	1.5
SB0230	64 41 7	164 13 5	2.0	1.00	.15	.50	1,000	N	N	N	100	200	2.0
SB0231	64 41 40	164 14 22	3.0	1.50	.15	.30	1,000	N	N	N	150	500	2.0
SB0232	64 41 15	164 12 35	5.0	1.00	.20	.50	500	N	N	N	150	700	2.0
SB0233	64 41 52	164 11 7	5.0	1.00	.30	.50	700	<.5	N	N	200	1,000	2.0
SB0234	64 41 45	164 10 35	3.0	1.50	1.00	.30	1,000	N	N	N	150	1,000	2.0
SB0235	65 7 55	163 40 50	3.0	1.00	1.50	.50	2,000	N	N	N	100	1,000	2.0
SB0236	65 8 22	163 42 0	3.0	1.50	1.50	.50	5,000	N	N	N	200	500	2.0
SB0237	65 10 5	163 43 25	3.0	1.00	1.50	.50	1,000	<.5	N	N	50	700	3.0
SB0238	65 9 40	163 40 45	3.0	1.50	1.50	.50	1,500	N	N	N	20	700	1.5
SB0239	65 7 45	163 30 55	3.0	1.00	1.00	.30	2,000	N	N	N	100	1,000	2.0
SB0240	65 9 35	163 32 20	3.0	1.00	.70	.50	2,000	<.5	N	N	150	1,000	2.0
SB0241	65 8 25	163 29 25	2.0	.70	.50	.30	500	<.5	N	N	200	700	3.0
SB0242	65 8 45	163 28 25	2.0	.70	.70	.30	300	<.5	N	N	200	1,000	3.0
SB0243	65 9 35	163 24 50	2.0	.70	1.00	.50	2,000	.5	N	N	50	1,000	2.0
SB0244	65 10 35	163 26 30	2.0	.70	.70	.70	2,000	.7	N	N	150	1,500	3.0
SB0245	65 12 30	163 28 45	2.0	.70	.50	.50	700	<.5	N	N	100	1,000	2.0
SB0246	65 12 30	163 29 15	2.0	.70	.70	.50	3,000	<.5	N	N	100	1,000	2.0
SB0247	65 12 25	163 30 10	2.0	1.00	1.00	.50	700	<.5	N	N	100	700	3.0
SB0248	65 13 45	163 31 30	2.0	.50	.50	.50	3,000	<.5	N	N	100	1,500	2.0
SB0249	65 17 45	163 28 5	2.0	.70	.70	.30	1,500	.5	N	N	100	1,000	2.0
SB0250	65 17 55	163 27 20	1.5	1.50	3.00	.15	500	N	N	N	150	500	5.0
SB0251	65 19 30	163 25 15	1.5	.70	2.00	.20	500	N	N	N	100	700	5.0
SB0252	65 19 15	163 30 10	1.0	3.00	10.00	.15	500	N	N	N	100	200	7.0
SB0253	65 19 10	163 34 10	1.5	.50	.50	.20	1,500	N	N	N	200	1,000	3.0
SB0254	65 19 20	163 34 0	1.5	1.00	1.50	.20	700	N	N	N	300	500	3.0
SB0255	65 15 0	163 35 35	2.0	1.00	.50	.50	700	<.5	N	N	100	1,000	3.0
SB0256	65 15 0	163 35 55	2.0	1.00	.50	.30	500	<.5	N	N	150	700	3.0
SB0257	65 15 55	163 36 40	2.0	1.00	.50	.50	700	.5	N	N	100	1,000	3.0
SB0258	65 16 25	163 36 50	2.0	1.00	.70	.30	700	.5	N	N	150	1,500	3.0
SB0259	65 16 50	163 37 0	1.5	.50	.30	.50	1,000	.7	N	N	300	2,000	3.0
SB0260	65 16 30	163 39 40	2.0	.70	1.00	.50	2,000	<.5	N	N	200	1,000	5.0
SB0261	65 18 20	163 31 0	2.0	1.50	2.00	.30	1,500	N	N	N	200	1,000	3.0
SB0262	65 16 40	163 30 15	5.0	1.00	1.00	.50	3,000	<.5	N	N	100	1,500	5.0
SB0263	65 17 10	163 25 45	2.0	3.00	5.00	.20	1,500	N	N	N	150	300	5.0
SB0264	65 17 0	163 23 40	3.0	3.00	5.00	.20	700	N	N	N	300	200	5.0
SB0265	65 9 30	163 11 0	2.0	.70	.50	.30	500	.7	N	N	100	1,000	5.0
SB0266	65 9 40	163 15 0	2.0	1.00	.30	.30	700	.5	N	N	150	700	3.0
SB0267	65 10 5	163 16 25	3.0	.70	.30	.20	500	.5	N	N	200	1,000	5.0
SB0268	65 10 15	163 18 15	2.0	.70	.50	.30	500	.5	N	N	200	700	5.0
SB0269	65 10 10	163 20 55	3.0	1.00	1.00	.30	1,000	.5	N	N	200	1,000	5.0
SB0270	65 12 40	163 20 50	2.0	.70	.20	.30	700	<.5	N	N	150	1,000	5.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0226	N	N	15	70	20	N	5	N	50	10	N	15	N	<100
SB0227	N	N	20	100	20	50	<5	N	50	20	N	20	N	100
SB0228	N	N	20	100	30	50	N	N	70	20	N	15	N	<100
SB0229	N	N	15	100	30	50	N	N	50	15	N	15	N	N
SB0230	N	N	15	100	15	20	N	N	50	10	N	15	N	150
SB0231	N	N	15	150	20	50	N	N	70	20	N	15	N	<100
SB0232	N	N	20	150	30	50	5	<20	50	20	N	20	N	100
SB0233	N	N	20	150	30	50	5	<20	50	30	N	20	N	100
SB0234	N	N	15	100	20	30	5	20	50	20	N	15	N	<100
SB0235	N	N	20	100	20	50	N	<20	50	20	N	20	N	300
SB0236	N	N	20	100	15	100	N	<20	50	20	N	30	N	200
SB0237	N	N	20	70	30	100	N	N	30	50	N	20	N	500
SB0238	N	N	20	70	20	70	N	N	30	30	N	20	N	300
SB0239	N	N	15	70	30	50	5	<20	50	20	N	20	N	200
SB0240	N	N	15	70	50	100	<5	N	30	20	N	15	N	200
SB0241	N	N	15	100	20	70	N	N	50	20	N	10	<10	200
SB0242	N	N	15	70	30	50	5	N	50	20	N	10	N	150
SB0243	N	N	10	70	15	150	<5	20	30	20	N	15	N	300
SB0244	N	<20	30	100	50	70	10	20	70	20	N	15	N	200
SB0245	N	N	15	70	20	70	5	N	30	30	N	10	N	200
SB0246	N	N	15	70	30	150	5	<20	50	30	N	15	N	200
SB0247	N	N	10	50	10	150	N	<20	20	30	N	15	N	500
SB0248	N	<20	10	70	30	50	10	<20	30	20	N	15	N	200
SB0249	N	<20	50	70	30	50	7	N	100	30	N	10	N	150
SB0250	N	N	10	30	10	150	N	N	30	50	N	7	<10	500
SB0251	N	N	7	30	5	150	N	<20	10	30	N	7	20	700
SB0252	N	N	5	20	<5	N	N	N	7	50	N	5	10	200
SB0253	N	N	7	70	7	30	5	N	20	20	N	7	N	100
SB0254	N	N	10	70	10	N	N	N	20	30	N	10	<10	200
SB0255	N	N	10	100	30	50	7	<20	50	30	N	10	N	200
SB0256	N	N	10	100	30	50	N	N	50	30	N	10	N	150
SB0257	N	N	30	100	50	50	5	<20	70	30	N	10	N	150
SB0258	N	N	30	100	30	30	10	N	100	30	N	10	N	200
SB0259	N	<20	10	70	50	50	20	<20	50	20	N	10	N	150
SB0260	N	20	50	100	30	70	7	N	100	20	N	10	N	200
SB0261	N	N	7	70	10	150	N	N	20	20	N	10	N	100
SB0262	N	<20	100	100	100	70	7	N	200	20	N	15	N	100
SB0263	N	N	10	70	10	50	N	N	30	20	N	10	N	100
SB0264	N	N	7	70	5	<20	N	N	20	20	N	7	<10	150
SB0265	N	N	10	50	20	30	5	N	50	30	N	10	<10	150
SB0266	N	N	15	100	20	20	7	<20	50	50	N	10	N	150
SB0267	N	N	15	50	20	30	7	N	50	50	N	10	<10	200
SB0268	N	N	15	50	20	100	7	N	50	50	N	10	10	150
SB0269	N	<20	10	70	20	50	5	N	70	50	N	10	<10	100
SB0270	N	N	10	50	30	N	5	N	50	30	N	10	N	<100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0226	150	N	30	N	200	N	N	<10	160	1.10	<2.0	2
SB0227	150	N	30	N	200	N	N	<10	140	.90	<2.0	2
SB0228	100	N	20	<200	150	N	N	20	130	.70	<2.0	7
SB0229	150	N	20	N	150	N	N	65	110	.60	<2.0	2
SB0230	100	N	15	N	200	N	N	<10	75	.20	<2.0	16
SB0231	150	N	20	<200	200	N	N	20	130	.40	<2.0	<2
SB0232	150	N	30	<200	200	N	N	<10	150	.70	<2.0	<2
SB0233	150	N	50	<200	200	N	N	<10	120	.40	<2.0	<2
SB0234	100	N	20	N	200	N	N	<10	130	1.10	<2.0	<2
SB0235	100	N	70	N	200	N	N	<10	110	.40	<2.0	<2
SB0236	100	N	70	N	200	N	N	<10	80	.40	<2.0	<2
SB0237	100	N	50	N	200	N	N	<10	120	.30	<2.0	<2
SB0238	100	N	50	N	200	N	N	<10	75	.30	<2.0	<2
SB0239	100	N	20	N	200	N	N	<10	100	1.40	<2.0	<2
SB0240	100	N	30	<200	150	N	N	<10	130	.90	<2.0	<2
SB0241	100	N	70	N	200	N	N	<10	120	1.00	N	N
SB0242	100	N	70	<200	150	N	N	<10	130	1.10	N	N
SB0243	150	N	50	N	150	N	N	<10	120	1.20	N	N
SB0244	200	N	50	500	200	N	N	<10	470	5.00	N	3
SB0245	150	N	30	N	100	N	N	<10	100	.60	N	N
SB0246	150	N	100	<200	200	N	N	<10	160	1.70	N	N
SB0247	100	N	150	N	200	N	N	10	65	.40	N	N
SB0248	200	N	30	200	200	N	N	<10	140	2.00	N	N
SB0249	150	N	30	700	100	N	N	<10	640	6.70	N	N
SB0250	70	N	30	N	100	N	N	10	45	.30	N	N
SB0251	100	N	20	N	100	N	N	<10	35	.20	N	N
SB0252	50	N	10	N	50	N	N	<10	30	.60	N	N
SB0253	100	N	100	N	150	N	N	<10	35	.60	N	N
SB0254	100	N	20	N	100	N	N	<10	60	.30	N	N
SB0255	150	<50	30	<200	150	N	N	<10	120	1.30	N	N
SB0256	150	N	30	<200	150	N	N	<10	110	.80	N	N
SB0257	150	N	50	500	150	N	N	<10	390	3.50	N	N
SB0258	200	N	30	700	100	N	N	<10	430	4.80	N	N
SB0259	200	N	20	500	100	N	N	<10	260	1.40	N	N
SB0260	150	N	50	500	100	N	N	<10	430	6.80	N	N
SB0261	100	<50	50	<200	100	N	N	<10	100	1.50	N	N
SB0262	200	N	50	1,000	100	N	N	<10	740	8.10	N	N
SB0263	100	N	30	N	100	N	N	<10	60	.40	N	N
SB0264	50	N	20	N	100	N	N	<10	40	.20	N	N
SB0265	150	N	30	<200	150	N	N	10	140	2.20	N	N
SB0266	150	N	20	N	200	N	N	10	140	3.70	N	N
SB0267	150	N	20	200	100	N	N	<10	180	2.70	N	N
SB0268	100	N	30	200	100	N	N	<10	220	2.40	N	N
SB0269	150	N	30	200	300	N	N	<10	170	3.20	N	N
SB0270	150	N	20	200	150	N	N	10	140	1.60	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB0271	65 12 35	163 19 5	2.0	.70	.70	.70	1,000	<.5	N	N	70	1,500	5.0
SB0272	65 14 5	163 21 0	2.0	.70	.30	.30	2,000	.5	N	N	200	1,500	3.0
SB0273	65 14 5	163 19 10	2.0	1.50	1.50	.30	700	<.5	N	N	150	1,000	5.0
SB0274	65 14 50	163 15 55	1.0	3.00	5.00	.20	700	<.5	N	N	70	500	5.0
SB0275	65 18 10	163 6 40	2.0	1.00	1.00	.30	1,000	<.5	N	N	30	700	5.0
SB0276	65 18 5	163 6 0	1.0	.30	.50	.30	700	<.5	N	N	10	1,000	5.0
SB0277	65 16 55	163 9 15	1.5	.50	.50	.30	1,000	<.5	N	N	30	1,000	5.0
SB0278	65 17 20	163 9 25	1.5	.70	1.00	.20	700	N	N	N	50	700	7.0
SB0279	65 15 45	163 9 15	2.0	.50	.50	.30	700	.5	N	N	50	1,000	5.0
SB0280	65 15 50	163 12 10	1.5	3.00	3.00	.15	500	N	N	N	70	200	3.0
SB0281	65 13 25	163 10 45	2.0	1.00	1.00	.20	700	.5	N	N	50	700	3.0
SB0282	65 13 50	163 8 0	2.0	.50	.50	.20	500	N	N	N	50	700	3.0
SB0283	65 12 40	163 11 40	1.0	2.00	2.00	.15	500	N	N	N	100	500	5.0
SB0284	65 12 5	163 11 0	3.0	1.50	.70	.30	500	.5	N	N	100	1,000	5.0
SB0285	65 10 40	163 7 0	1.5	2.00	2.00	.30	500	N	N	N	50	700	7.0
SB0286	65 12 40	163 5 5	1.0	.30	.50	.20	300	N	N	N	30	1,000	3.0
SB0287	65 15 45	163 2 55	1.5	.50	.50	.30	500	<.5	N	N	50	1,000	5.0
SB0288	65 15 35	162 59 10	.7	.15	.30	.10	200	<.5	N	N	20	1,000	5.0
SB0289	65 11 55	163 2 0	1.5	.30	.50	.30	700	.7	N	N	50	700	5.0
SB0290	65 9 45	163 5 25	1.0	.30	.70	.30	500	<.5	N	N	100	1,000	7.0
SB0291	65 9 40	162 59 30	1.0	.50	.70	.20	1,000	2.0	N	N	70	700	5.0
SB0292	65 12 0	162 59 15	2.0	.70	.70	.30	700	<.5	N	N	100	700	5.0
SB0293	65 13 50	162 53 5	2.0	.70	1.00	.50	1,000	<.5	N	N	10	700	5.0
SB0294	65 14 20	162 53 10	.7	.20	.70	.30	700	N	N	N	15	700	7.0
SB0295	65 14 15	162 53 35	2.0	1.00	.70	.50	700	.7	N	N	20	700	5.0
SB0296	65 14 55	162 54 45	1.5	.50	.30	.20	500	.5	N	N	30	700	5.0
SB0297	65 12 20	162 54 20	1.5	.50	.50	.20	700	N	N	N	20	700	3.0
SB0298	65 10 40	162 56 5	2.0	.70	.70	.30	500	N	N	N	30	700	5.0
SB0299	65 9 55	162 53 50	2.0	.50	1.00	.30	500	<.5	N	N	30	500	3.0
SB0300	65 9 45	162 50 40	2.0	.70	1.00	.30	1,000	.5	N	N	50	500	5.0
SB0301	65 10 10	162 48 25	2.0	.50	.50	.30	500	N	N	N	30	700	3.0
SB0302	65 12 5	162 42 55	2.0	.50	.50	.20	500	N	N	N	15	700	3.0
SB0303	65 12 55	162 44 25	2.0	.70	.70	.30	500	<.5	N	N	15	1,000	2.0
SB0304	65 13 40	162 45 20	2.0	.30	.70	1.00	2,000	N	N	N	10	700	2.0
SB0305	65 13 45	162 45 0	1.5	.50	.70	.30	500	N	N	N	15	700	3.0
SB0306	65 13 20	162 41 20	1.5	.30	.30	.20	300	N	N	N	20	700	5.0
SB0307	65 13 25	162 41 35	2.0	.50	.50	.50	500	N	N	N	50	700	5.0
SB0308	65 8 5	162 46 5	2.0	.50	.50	.50	700	<.5	N	N	50	1,000	3.0
SB0309	65 7 55	162 46 0	2.0	.50	.50	.70	700	<.5	N	N	70	200	2.0
SB0310	65 7 5	162 47 25	3.0	1.00	.30	.50	700	N	N	N	150	300	3.0
SB0311	65 6 0	162 45 55	3.0	.70	.70	.50	50	<.5	N	N	50	200	2.0
SB0312	65 7 5	162 41 15	3.0	.70	1.00	.50	700	<.5	N	N	70	300	2.0
SB0313	65 9 0	162 39 20	3.0	.70	.70	.30	700	<.5	N	N	50	700	5.0
SB0314	65 9 45	162 40 20	3.0	.70	.50	.30	1,500	<.5	N	N	50	700	5.0
SB0315	65 10 30	162 40 20	1.5	.20	.15	.20	300	<.5	N	N	50	1,000	5.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0271	N	N	10	70	15	50	5	20	20	50	N	15	<10	500
SB0272	N	N	20	70	30	100	10	N	50	50	N	15	N	100
SB0273	N	N	15	70	20	50	5	N	30	50	N	10	N	200
SB0274	N	N	<5	20	5	20	N	N	7	30	N	7	N	200
SB0275	N	N	15	50	15	100	N	N	20	50	N	10	10	500
SB0276	N	N	5	10	5	150	<5	20	5	70	N	5	N	500
SB0277	N	N	10	20	7	100	<5	<20	7	100	N	7	10	500
SB0278	N	N	10	30	5	100	N	<20	10	50	N	7	15	700
SB0279	N	N	10	20	10	100	N	<20	7	70	N	7	15	700
SB0280	N	N	7	50	5	N	N	N	10	30	N	7	N	200
SB0281	N	N	10	50	10	70	N	N	20	70	N	10	15	300
SB0282	N	N	10	50	15	100	N	N	20	50	N	10	10	300
SB0283	N	N	5	20	5	30	N	N	7	30	N	5	<10	200
SB0284	N	N	15	70	30	50	5	N	50	30	N	15	N	200
SB0285	N	N	7	20	<5	150	N	<20	7	30	N	7	50	300
SB0286	N	N	5	15	<5	50	N	N	5	20	N	5	<10	500
SB0287	N	N	7	20	10	70	N	N	5	50	N	7	10	700
SB0288	N	N	<5	10	10	30	N	N	<5	30	N	<5	N	500
SB0289	N	N	7	30	10	50	<5	<20	10	50	N	7	N	500
SB0290	N	N	5	15	<5	300	N	<20	<5	30	N	7	N	500
SB0291	N	N	5	30	5	150	N	N	7	30	N	7	N	500
SB0292	N	N	15	70	20	100	N	<20	30	30	N	15	10	300
SB0293	N	N	10	50	7	70	N	<20	7	50	N	10	N	700
SB0294	N	N	<5	10	<5	70	N	<20	<5	30	N	7	30	500
SB0295	N	N	15	70	20	70	N	N	30	50	N	10	100	500
SB0296	N	N	7	30	15	30	<5	N	15	70	N	7	15	300
SB0297	N	N	7	30	7	70	N	N	10	50	N	7	20	500
SB0298	N	N	10	50	7	50	N	N	10	50	N	10	<10	500
SB0299	N	N	10	50	7	50	N	N	10	20	N	10	N	500
SB0300	N	N	10	50	10	70	N	N	15	100	N	10	N	300
SB0301	N	N	10	50	15	70	N	N	15	50	N	10	N	300
SB0302	N	N	7	30	5	70	N	N	15	30	N	7	N	500
SB0303	N	N	15	50	15	70	N	N	15	50	N	15	N	700
SB0304	N	N	5	20	<5	150	N	50	N	50	N	10	<10	500
SB0305	N	N	7	20	5	50	N	N	7	50	N	7	N	500
SB0306	N	N	5	30	5	70	N	N	7	70	N	7	N	300
SB0307	N	N	10	50	10	70	N	N	10	50	N	10	N	500
SB0308	N	N	7	50	10	70	<5	<20	15	50	N	10	N	500
SB0309	N	N	50	70	10	30	N	<20	50	20	N	15	N	200
SB0310	N	N	20	100	20	30	N	N	50	30	N	20	N	200
SB0311	N	N	10	100	15	100	N	N	50	20	N	15	N	200
SB0312	N	N	20	100	20	70	N	N	70	30	N	20	N	300
SB0313	N	N	10	50	20	100	7	20	30	50	N	10	<10	500
SB0314	N	N	20	50	15	200	20	<20	30	100	N	10	<10	500
SB0315	N	N	7	20	5	100	5	<20	10	50	N	5	N	500

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0271	150	N	30	N	200	N	N	10	100	1.40	N	N
SB0272	200	N	30	200	100	N	N	<10	240	2.90	N	N
SB0273	150	N	30	N	150	N	N	<10	130	1.90	N	N
SB0274	50	N	15	N	100	N	N	10	40	.30	N	N
SB0275	100	N	20	N	200	N	N	<10	100	.40	N	N
SB0276	50	N	20	N	200	N	N	<10	65	.40	N	N
SB0277	50	N	20	N	200	N	N	20	70	.50	N	N
SB0278	50	N	20	N	200	N	N	<10	40	.20	N	N
SB0279	50	N	20	N	200	N	N	15	75	.30	4.5	N
SB0280	50	N	20	N	150	N	N	<10	40	.20	N	N
SB0281	100	N	20	N	150	N	N	10	130	1.50	N	N
SB0282	100	N	30	N	150	N	N	10	130	.80	N	N
SB0283	50	N	10	N	100	N	N	<10	60	.60	N	N
SB0284	150	N	50	N	100	N	N	<10	180	4.40	N	N
SB0285	50	N	20	N	150	N	.15	<10	60	.40	N	N
SB0286	50	N	10	N	100	N	N	10	60	.30	N	N
SB0287	70	N	20	N	100	N	N	30	100	.30	N	N
SB0288	20	N	10	N	70	N	.10	10	50	.20	N	N
SB0289	70	N	20	N	200	N	N	20	85	.50	N	N
SB0290	30	N	50	N	200	<100	N	<10	70	.30	N	N
SB0291	50	N	30	N	200	N	N	10	95	.60	N	N
SB0292	100	N	30	N	200	N	N	10	130	.40	N	N
SB0293	100	N	30	N	200	<100	N	10	84	.40	N	N
SB0294	50	N	15	N	300	N	N	10	90	.40	N	N
SB0295	50	N	15	N	150	N	N	10	80	.40	N	N
SB0296	50	N	15	N	150	N	N	10	95	.30	N	N
SB0297	50	N	10	N	200	N	N	20	80	.40	N	N
SB0298	70	N	20	N	200	N	N	10	100	.40	N	N
SB0299	70	N	20	N	100	N	N	10	120	.50	N	N
SB0300	70	N	20	<200	100	N	N	10	140	1.20	N	N
SB0301	100	N	20	N	150	N	N	N	100	.60	N	N
SB0302	50	N	20	N	300	N	N	N	95	.30	N	N
SB0303	100	N	20	N	100	N	N	N	120	.30	N	N
SB0304	50	N	30	N	500	N	N	N	130	.60	N	N
SB0305	70	N	15	N	150	N	N	N	80	.30	N	N
SB0306	50	N	15	N	200	N	N	N	85	.10	N	N
SB0307	100	N	20	N	200	N	N	N	95	.10	N	N
SB0308	100	N	20	N	200	N	N	10	110	.40	N	N
SB0309	100	N	20	N	150	N	N	N	110	.30	N	N
SB0310	100	N	20	N	200	N	N	N	100	.10	N	N
SB0311	100	N	20	N	150	N	N	N	90	.20	N	N
SB0312	100	N	30	N	200	N	N	10	110	.30	N	N
SB0313	100	N	20	N	200	N	N	20	120	.30	2.0	N
SB0314	100	<50	20	<200	300	N	N	20	130	.50	2.0	N
SB0315	50	N	15	N	150	N	N	N	90	.40	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB0316	65 12 15	162 37 30	1.0	.15	.10	.20	200	.5	N	N	20	1,000	3.0
SP0317	65 8 0	162 37 5	3.0	.50	.70	.70	700	<.5	N	N	50	500	3.0
SB0318	65 6 35	162 37 10	2.0	.50	.70	.50	700	N	N	N	100	500	2.0
SB0319	65 6 25	162 37 10	2.0	1.50	1.00	.20	700	<.5	N	N	100	700	2.0
SB0320	65 7 25	162 34 50	1.5	.50	1.00	.30	500	N	N	N	70	1,000	3.0
SB0321	65 6 30	162 38 45	5.0	1.50	1.00	.50	1,500	N	N	N	100	500	2.0
SB0322	65 6 15	162 38 40	5.0	2.00	1.50	.50	1,000	<.5	N	N	150	1,000	2.0
SB0323	65 5 50	162 40 35	5.0	2.00	1.00	.70	1,000	N	N	N	100	500	2.0
SB0324	64 54 22	163 37 55	2.0	1.00	2.00	.50	500	N	N	N	70	300	1.0
SB0325	64 55 35	163 37 55	5.0	1.50	.30	.70	1,000	N	N	N	100	700	2.0
SB0326	64 55 40	163 37 52	3.0	1.50	1.00	.50	700	N	N	N	100	700	1.5
SB0327	64 56 22	163 37 35	3.0	1.50	.70	.50	2,000	N	N	N	100	500	1.5
SB0328	64 57 0	163 34 52	3.0	1.00	1.00	.70	700	N	N	N	70	700	1.5
SB0329	64 56 40	163 32 50	2.0	2.00	5.00	.50	700	N	N	N	100	300	1.5
SB0330	64 56 30	163 32 40	2.0	1.00	1.00	.50	700	N	N	N	100	200	1.5
SB0331	64 58 0	163 32 30	3.0	1.50	1.00	.50	700	N	N	N	100	300	2.0
SB0332	64 58 55	163 36 30	3.0	1.50	1.50	.30	2,000	N	N	N	100	1,000	1.5
SB0333	64 59 37	163 35 45	2.0	1.00	2.00	.70	1,000	N	N	N	100	500	2.0
SB0334	64 59 45	163 36 0	3.0	1.00	.70	.50	2,000	N	N	N	100	700	2.0
SB0335	65 0 30	163 35 45	2.0	1.00	.50	.70	2,000	N	N	N	150	700	2.0
SB0336	65 1 0	163 29 15	2.0	1.00	3.00	.20	1,000	N	N	N	100	300	1.0
SB0337	64 59 7	163 28 0	2.0	1.50	2.00	.20	1,000	N	N	N	70	200	1.5
SB0338	65 1 35	163 35 0	3.0	1.50	2.00	.50	1,500	N	N	N	100	700	1.5
SB0339	65 1 25	163 34 45	2.0	1.00	3.00	.30	1,500	N	N	N	100	300	1.5
SB0340	64 59 55	163 25 45	2.0	1.00	.50	.50	1,000	N	N	N	100	300	1.5
SB0341	64 59 20	163 20 30	3.0	2.00	1.00	.20	700	N	N	N	70	200	1.0
SB0342	64 59 15	163 20 5	2.0	2.00	.70	.20	500	N	N	N	70	200	1.5
SB0343	64 57 45	163 21 35	3.0	2.00	.70	.30	700	N	N	N	100	300	1.5
SB0344	64 57 45	163 21 55	3.0	2.00	1.00	.30	700	N	N	N	100	200	1.0
SB0345	64 59 55	163 17 20	2.0	1.50	1.00	.50	2,000	N	N	N	100	300	1.5
SB0346	65 0 25	163 18 25	3.0	1.50	.30	.30	700	N	N	N	70	700	1.5
SB0347	64 59 25	163 11 45	3.0	1.00	1.00	.50	1,500	N	N	N	200	700	1.5
SB0348	64 59 0	163 11 0	2.0	1.50	3.00	.30	700	N	N	N	70	200	1.0
SB0349	64 55 40	163 10 7	2.0	1.50	.70	.30	500	N	N	N	70	200	1.0
SB0350	64 55 40	163 11 0	2.0	1.50	.50	.20	700	N	N	N	70	150	1.0
SB0351	64 54 45	163 13 0	2.0	2.00	5.00	.30	500	N	N	N	100	150	1.0
SB0352	64 53 40	163 13 25	2.0	1.50	2.00	.30	700	N	N	N	100	100	1.0
SB0353	64 52 40	163 11 37	3.0	2.00	2.00	.20	1,000	3.0	N	N	100	300	1.0
SB0354	64 52 35	163 11 50	2.0	1.50	2.00	.20	500	N	N	N	70	100	1.0
SP0355	64 52 25	163 8 40	3.0	1.50	.30	.20	500	N	N	N	70	150	1.0
SB0356	64 50 20	163 9 5	2.0	1.00	.20	.30	300	N	N	N	100	200	1.0
SB0357	64 50 20	163 8 45	2.0	1.00	.30	.30	500	N	N	N	100	200	2.0
SB0358	64 51 0	163 10 40	2.0	1.50	.70	.20	700	N	N	N	70	150	1.0
SB0359	64 54 10	163 15 5	3.0	2.00	1.50	.20	700	N	N	N	100	150	1.0
SB0360	64 55 0	163 16 45	2.0	1.50	.70	.20	500	N	N	N	70	100	1.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0316	N	N	5	10	<5	70	<5	<20	5	30	N	<5	N	300
SB0317	N	N	15	50	10	50	N	20	15	30	N	10	N	300
SB0318	N	N	15	50	15	300	N	N	30	20	N	10	N	300
SB0319	N	N	20	100	30	50	N	N	50	50	N	15	N	200
SB0320	N	N	10	30	10	150	<5	<20	30	20	N	7	N	500
SB0321	N	N	15	10	20	50	N	<20	30	30	N	15	N	300
SB0322	N	N	20	150	50	30	N	N	70	50	N	15	N	300
SB0323	N	N	20	150	30	N	N	N	50	20	N	15	N	300
SB0324	N	N	10	70	15	N	N	N	50	10	N	10	N	200
SB0325	N	N	15	100	15	N	N	<20	50	10	N	10	N	<100
SB0326	N	N	15	100	20	N	<5	<20	50	10	N	15	N	200
SB0327	N	N	15	70	15	30	N	N	30	15	N	10	N	150
SB0328	N	N	20	70	20	N	5	<20	70	10	N	10	N	100
SB0329	N	N	15	100	15	N	N	N	50	15	N	10	N	300
SB0330	N	N	10	50	7	N	N	N	30	10	N	7	N	<100
SB0331	N	N	15	100	10	N	N	N	50	10	N	10	N	100
SB0332	N	N	15	100	15	20	N	N	50	15	N	10	N	<100
SB0333	N	N	10	70	10	N	N	<20	30	10	N	10	N	200
SB0334	N	N	20	70	10	20	N	N	30	15	N	10	N	100
SB0335	N	N	15	70	10	100	N	<20	30	10	N	10	N	100
SB0336	N	N	10	70	7	N	N	N	30	10	N	10	N	300
SB0337	N	N	15	70	10	N	N	N	30	15	N	7	N	200
SB0338	N	N	15	70	7	100	N	20	30	15	N	10	N	300
SB0339	N	N	10	50	7	N	N	N	30	10	N	10	N	200
SB0340	N	N	10	70	10	<20	N	N	30	10	N	10	N	<100
SB0341	N	N	15	70	10	<20	N	N	50	<10	N	10	N	<100
SB0342	N	N	15	70	10	N	N	N	30	10	N	10	N	100
SB0343	N	N	15	100	15	N	N	N	30	15	N	15	N	100
SB0344	N	N	15	100	10	N	N	N	50	10	N	10	N	150
SB0345	N	N	10	70	10	50	N	N	30	10	N	10	N	150
SB0346	N	N	10	70	7	N	N	N	50	10	N	10	N	150
SB0347	N	N	10	70	7	50	N	N	30	20	N	15	N	200
SB0348	N	N	10	70	7	N	N	N	30	10	N	7	N	200
SB0349	N	N	10	50	7	<20	N	N	50	15	N	10	N	100
SB0350	N	N	10	70	7	N	N	N	50	10	N	10	N	<100
SB0351	N	N	10	70	10	N	N	N	30	15	N	10	N	300
SB0352	N	N	7	50	7	100	N	N	30	10	N	7	N	200
SB0353	N	N	15	70	15	N	N	N	50	20	N	10	N	200
SB0354	N	N	10	50	10	N	N	N	30	10	N	7	N	200
SB0355	N	N	15	70	10	N	N	N	50	10	N	10	N	<100
SB0356	N	N	10	70	15	N	N	N	30	15	N	10	N	N
SB0357	N	N	10	50	10	N	N	N	30	10	N	10	N	<100
SB0358	N	N	7	50	10	N	N	N	30	10	N	7	N	100
SB0359	N	N	10	70	15	30	N	N	50	15	N	10	N	150
SB0360	N	N	10	50	10	N	N	N	30	10	N	7	N	100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0316	20	N	10	N	200	N	N	N	70	.20	N	N
SB0317	100	N	30	N	200	N	N	20	65	.10	N	N
SB0318	100	N	30	N	200	N	N	10	100	.50	N	N
SB0319	100	N	30	<200	150	N	N	10	160	1.10	N	N
SB0320	100	N	20	N	150	N	N	<10	95	.80	N	N
SB0321	100	N	30	N	200	N	N	20	90	.20	N	N
SB0322	150	N	20	200	200	N	N	20	210	2.20	N	3
SB0323	100	N	20	N	150	N	N	10	110	.40	N	N
SB0324	70	N	15	N	100	N	N	10	80	.40	N	N
SB0325	100	N	15	<200	100	N	N	<10	120	.80	N	N
SB0326	100	<50	20	N	100	N	N	10	85	.50	N	N
SB0327	100	N	15	N	100	N	N	60	75	.30	N	N
SB0328	100	N	20	<200	100	N	N	20	120	.70	N	N
SB0329	100	N	15	N	100	N	N	10	75	.40	N	N
SB0330	70	N	15	N	70	N	N	<10	65	.20	N	N
SB0331	100	N	10	N	100	N	N	10	95	.20	N	N
SB0332	100	N	20	N	100	N	N	<10	70	.30	N	N
SB0333	100	N	20	N	100	N	N	<10	70	.30	N	N
SB0334	100	N	20	N	100	N	N	10	70	.30	N	N
SB0335	100	N	30	N	150	N	.60	<10	70	.20	N	N
SB0336	100	N	20	N	100	N	N	<10	70	.20	N	N
SB0337	100	N	15	N	70	N	N	10	80	.20	N	N
SB0338	100	N	30	N	200	N	N	<10	65	.20	N	N
SB0339	70	N	20	N	150	N	N	<10	50	.20	N	N
SB0340	100	N	20	N	150	N	N	10	70	.30	N	N
SB0341	100	N	10	N	100	N	N	<10	75	.20	N	N
SB0342	100	N	10	N	100	N	N	<10	65	.10	N	N
SB0343	150	N	15	N	150	N	N	10	85	.20	N	N
SB0344	100	N	15	N	100	N	N	<10	80	.20	N	N
SB0345	100	N	30	N	100	N	N	<10	65	.20	N	N
SB0346	100	N	20	N	100	N	N	<10	65	.20	N	N
SB0347	100	N	50	N	150	N	N	<10	50	.20	N	N
SB0348	100	N	20	N	100	N	N	10	75	.20	N	N
SB0349	100	N	30	N	100	N	N	30	60	.20	N	N
SB0350	100	N	15	N	100	N	N	20	70	.20	N	N
SB0351	100	N	30	N	100	N	N	20	80	.20	N	3
SB0352	70	N	20	N	70	N	1.00	<10	60	.20	N	N
SB0353	100	N	20	N	150	N	.70	20	80	.20	N	N
SB0354	70	N	15	N	100	N	N	<10	65	.10	N	N
SB0355	100	N	15	N	100	N	N	20	80	.20	N	N
SB0356	100	N	20	N	100	N	N	N	80	.20	N	N
SB0357	70	N	20	N	100	N	N	<10	70	.20	N	N
SB0358	70	N	15	N	100	N	N	<10	70	.20	N	N
SB0359	70	N	15	N	100	N	N	10	85	.20	N	N
SB0360	70	N	10	N	70	N	N	10	80	.20	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB0361	64 54 15	163 34 52	2.0	1.50	3.00	.30	700	N	N	N	100	300	1.5
SB0362	64 55 15	163 30 55	2.0	1.50	.50	.30	500	<.5	N	N	100	300	1.5
SB0363	64 55 20	163 24 45	2.0	1.50	.70	.30	500	15.0	N	N	100	300	1.5
SB0364	64 55 15	163 24 30	1.5	1.00	.70	.20	500	.5	N	N	70	100	1.5
SB0365	64 54 55	163 23 50	2.0	1.50	2.00	.20	700	<.5	N	N	100	200	1.5
SB0366	64 54 0	163 21 45	2.0	1.00	1.00	.30	500	<.5	N	N	70	200	1.0
SB0367	64 53 35	163 21 30	2.0	1.50	.50	.30	700	N	N	N	70	200	1.5
SB0368	64 52 45	163 18 50	2.0	1.50	1.00	.20	500	<.5	N	N	70	200	1.0
SB0369	64 52 15	163 18 35	2.0	1.50	.50	.20	700	N	N	N	150	200	1.5
SB0370	64 51 15	163 16 20	2.0	1.00	.70	.30	500	N	N	N	70	150	1.0
SB0371	64 51 15	163 21 55	2.0	2.00	1.00	.30	1,000	N	N	N	100	300	1.5
SB0373	64 53 15	163 26 45	2.0	2.00	1.50	.30	700	N	N	N	100	300	2.0
SB0374	64 48 45	163 16 37	1.0	.50	5.00	.15	300	N	N	N	50	70	<1.0
SB0375	64 48 22	163 14 0	1.5	.70	10.00	.15	500	N	N	N	70	100	<1.0
SB0376	64 50 52	163 43 0	3.0	1.00	.50	1.00	1,500	N	N	N	100	500	2.0
SB0377	64 52 55	163 38 50	5.0	1.00	.30	.50	1,500	N	N	N	100	700	2.0
SB0378	64 49 40	163 43 25	5.0	1.00	.50	.50	1,500	N	N	N	100	700	2.0
SB0379	64 48 20	163 45 15	3.0	1.00	.50	.50	1,000	N	N	N	70	300	1.5
SB0380	64 47 40	163 47 0	3.0	1.00	.50	.30	1,000	N	N	N	150	700	2.0
SB0381	64 46 40	163 47 35	2.0	1.00	1.00	.50	1,000	N	N	N	150	500	1.5
SB0382	64 50 50	163 24 50	1.5	1.50	1.50	.20	500	N	N	N	70	150	1.0
SB0382	64 44 45	163 47 10	3.0	1.00	.10	.50	700	N	N	N	150	500	2.0
SP0383	64 44 45	163 52 0	5.0	1.00	.10	.70	700	N	N	N	150	500	2.0
SB0384	64 46 20	163 58 45	3.0	1.00	.20	.50	500	<.5	N	N	150	3,000	3.0
SB0385	64 46 25	163 58 55	5.0	1.50	.50	.50	1,000	N	N	N	150	1,000	3.0
SB0386	64 46 45	163 57 45	5.0	1.00	.50	.50	1,000	N	N	N	100	700	2.0
SB0387	64 47 22	163 56 40	5.0	1.00	.30	.50	700	<.5	N	N	150	1,000	2.0
SB0388	64 47 45	163 55 50	3.0	.70	.10	.30	300	N	N	N	100	700	2.0
SB0389	64 48 0	163 53 30	5.0	1.00	.10	.50	700	<.5	N	N	150	700	3.0
SB0390	64 48 10	163 52 20	3.0	.70	.15	.50	500	N	N	N	100	500	3.0
SB0391	64 49 15	163 51 25	5.0	1.50	1.00	.70	1,500	N	N	N	100	700	2.0
SB0392	64 50 30	163 51 0	5.0	1.00	.20	.50	700	N	N	N	150	700	3.0
SB0393	64 50 25	163 50 35	7.0	1.50	.70	.50	1,500	N	N	N	150	1,000	2.0
SB0394	64 49 40	163 51 50	5.0	.70	.20	.50	1,000	N	N	N	150	500	2.0
SB0395	64 51 52	163 53 5	5.0	1.00	.15	.70	1,000	N	N	N	150	500	2.0
SB0396	64 50 7	163 57 22	5.0	1.00	.15	.50	1,000	N	N	N	200	700	3.0
SB0397	64 51 45	163 58 55	5.0	1.00	.10	.50	500	<.5	N	N	100	500	2.0
SB0398	64 51 52	163 59 0	5.0	1.00	.15	.50	1,000	N	N	N	150	500	2.0
SB0399	64 53 15	163 56 5	3.0	.70	.20	.50	700	N	N	N	150	300	2.0
SB0400	64 57 15	164 3 50	5.0	1.00	.30	.50	2,000	N	N	N	100	300	2.0
SB0401	64 55 30	164 7 55	3.0	.70	.20	.50	1,000	N	N	N	100	500	2.0
SB0402	64 55 10	164 8 30	3.0	.70	3.00	.70	1,000	<.5	N	N	100	500	2.0
SB0403	64 54 30	164 9 50	5.0	1.00	.70	.50	500	N	N	N	100	500	2.0
SB0404	64 53 40	164 4 50	5.0	.50	.20	.50	500	<.5	N	N	150	500	2.0
SB0405	64 53 30	164 4 50	5.0	.70	.15	.50	700	N	N	N	150	300	3.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0361	N	N	15	50	15	N	N	N	30	50	N	10	N	200
SB0362	N	N	20	70	20	N	N	N	50	30	N	10	N	N
SB0363	N	N	15	70	15	N	N	N	50	30	N	10	N	100
SB0364	N	N	7	50	7	N	N	N	30	10	N	7	N	100
SB0365	N	N	15	70	10	N	N	N	50	20	N	10	N	200
SB0366	N	N	15	50	10	N	N	N	50	15	N	7	N	100
SB0367	N	N	15	70	15	N	N	N	50	20	N	10	N	100
SB0368	N	N	10	70	10	N	N	N	50	15	N	7	N	150
SB0369	N	N	15	50	15	N	N	N	50	20	N	10	N	<100
SB0370	N	N	10	50	10	N	N	N	50	15	N	7	N	<100
SB0371	N	N	15	70	15	<20	N	N	50	20	N	10	N	150
SB0373	N	N	15	70	20	<20	N	N	70	20	N	10	N	200
SB0374	N	N	<5	20	5	N	N	N	30	10	N	5	N	300
SB0375	N	N	5	30	5	N	N	N	30	15	N	5	N	500
SB0376	N	N	20	100	10	<20	N	20	30	20	N	20	N	200
SB0377	N	N	20	50	20	N	5	N	50	15	N	10	N	<100
SB0378	N	N	30	100	30	20	N	N	50	20	N	15	N	150
SB0379	N	N	20	100	20	<20	N	N	50	20	N	15	N	100
SB0380	N	N	15	70	15	N	<5	N	50	15	N	15	N	100
SB0381	N	N	15	100	20	<20	N	N	50	20	N	15	N	200
SB0382	N	N	10	50	10	N	N	N	50	10	N	7	N	200
SB0382	N	N	15	100	20	20	N	N	70	30	N	15	N	N
SB0383	N	N	20	150	20	<20	N	N	70	30	N	15	N	<100
SB0384	N	N	20	100	30	30	5	N	70	30	N	15	N	100
SB0385	N	N	20	100	20	30	N	<20	50	30	N	15	N	150
SB0386	N	N	15	70	20	N	N	<20	50	15	N	15	N	100
SB0387	N	N	20	70	20	20	<5	<20	50	30	N	15	N	100
SB0388	N	N	20	100	30	30	N	N	70	20	N	10	N	100
SB0389	N	N	30	100	20	50	N	N	70	20	N	15	N	100
SB0390	N	N	20	100	30	50	N	N	50	20	N	10	N	100
SB0391	N	N	30	100	30	30	N	<20	50	20	N	15	N	200
SB0392	N	N	20	100	20	30	N	N	50	20	N	15	N	100
SB0393	N	N	20	100	30	<20	N	N	70	15	N	15	N	150
SB0394	N	N	30	70	30	100	N	N	70	20	N	15	N	100
SB0395	N	N	30	150	30	70	N	<20	70	20	N	20	N	100
SB0396	N	N	30	150	20	50	N	N	70	30	N	20	N	100
SB0397	N	N	20	100	20	50	N	N	50	30	N	15	N	100
SB0398	N	N	20	100	20	70	N	N	70	20	N	15	N	100
SB0399	N	N	20	70	15	30	N	N	50	20	N	15	N	<100
SB0400	N	N	20	70	15	30	N	N	50	15	N	15	N	<100
SB0401	N	N	20	100	20	<20	N	N	50	30	N	20	N	<100
SB0402	N	N	20	100	30	<20	N	N	50	50	N	20	N	200
SB0403	N	N	20	150	20	30	N	N	50	30	N	20	N	100
SB0404	N	N	20	100	20	50	N	N	50	70	N	15	N	<100
SB0405	N	N	20	100	30	50	<5	N	50	30	N	15	N	100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0361	100	N	15	N	100	N	N	<10	70	.20	<2.0	<2
SB0362	100	N	15	N	70	N	N	<10	75	.20	<2.0	4
SB0363	100	N	20	N	100	N	N	<10	65	.20	<2.0	<2
SB0364	100	N	10	N	70	N	N	<10	70	.20	<2.0	<2
SB0365	150	N	15	N	100	N	N	20	80	.30	<2.0	<2
SB0366	100	N	15	N	100	N	N	<10	70	.20	<2.0	<2
SB0367	100	N	20	N	100	N	N	<10	80	.20	<2.0	4
SB0368	100	N	15	N	100	N	N	15	70	.20	<2.0	6
SB0369	100	N	20	N	100	N	N	10	70	.20	<2.0	5
SB0370	100	N	20	N	100	N	N	<10	60	.20	<2.0	5
SB0371	100	N	20	N	100	N	N	<10	75	.20	<2.0	8
SB0373	100	N	20	N	100	N	N	10	70	.20	<2.0	<2
SB0374	50	N	15	N	70	N	N	<10	30	.10	<2.0	<2
SB0375	50	N	20	N	50	N	N	<10	40	.10	<2.0	<2
SB0376	150	N	30	N	200	N	N	<10	75	.20	<2.0	<2
SB0377	150	N	20	N	150	N	N	<10	90	.50	<2.0	<2
SB0378	150	N	30	N	150	N	N	10	90	.30	<2.0	<2
SB0379	100	N	20	N	150	N	N	<10	65	.10	<2.0	<2
SB0380	100	N	20	N	100	N	N	10	90	.70	<2.0	<2
SB0381	150	N	30	N	200	N	N	25	120	.50	<2.0	4
SB0382	70	N	15	N	70	N	N	<10	60	.10	<2.0	<2
SB0382	150	N	15	N	200	N	N	30	120	.50	<2.0	7
SB0383	150	N	50	N	200	N	N	30	120	.30	<2.0	3
SB0384	150	N	20	<200	200	N	N	40	170	1.50	<2.0	8
SB0385	150	N	50	N	200	N	N	20	120	1.90	<2.0	3
SB0386	100	N	30	N	200	N	N	15	90	.60	<2.0	2
SB0387	150	N	30	<200	200	N	N	15	140	.70	<2.0	5
SB0388	150	N	20	N	200	N	N	20	130	.70	<2.0	4
SB0389	150	N	30	N	300	N	N	40	120	.40	<2.0	2
SB0390	150	N	20	N	300	N	N	180	110	.20	<2.0	12
SB0391	150	N	30	N	200	N	N	35	80	.20	<2.0	4
SB0392	100	N	20	N	200	N	N	20	130	.40	<2.0	5
SB0393	150	N	30	N	150	N	N	40	110	.40	<2.0	11
SB0394	100	N	20	N	200	N	N	20	120	.40	<2.0	8
SB0395	150	N	30	N	200	N	N	35	130	.30	<2.0	16
SB0396	150	N	30	N	200	N	N	20	140	.40	<2.0	<2
SB0397	100	N	20	N	200	N	N	50	150	.40	<2.0	5
SB0398	100	N	20	N	200	N	N	25	130	.20	<2.0	11
SB0399	100	N	20	N	200	N	N	50	140	.20	<2.0	6
SB0400	100	N	100	N	150	N	N	35	110	.20	<2.0	6
SB0401	150	N	30	N	200	N	N	20	120	.30	<2.0	4
SB0402	150	N	30	N	150	N	3.50	20	150	.60	<2.0	10
SB0403	150	N	20	N	200	N	.10	30	130	.30	<2.0	6
SB0404	150	N	100	200	200	N	N	30	230	.50	<2.0	5
SB0405	150	N	30	<200	200	N	N	25	150	.40	<2.0	8

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB0406	64 53 35	164 5 45	5.0	.70	1.50	.50	700	N	N	N	150	500	2.0
SB0407	64 51 55	164 8 7	5.0	.70	.20	.50	500	<.5	N	N	300	500	3.0
SB0408	64 51 15	164 7 35	5.0	1.00	.50	.70	1,000	N	N	N	150	700	2.0
SB0409	64 51 20	164 4 30	5.0	1.00	.20	.50	500	N	N	N	200	500	3.0
SB0410	64 51 25	164 4 50	5.0	.70	.15	.50	500	N	N	N	150	300	2.0
SB0411	64 51 0	164 6 7	7.0	1.00	.20	.50	500	<.5	N	N	200	500	2.0
SB0412	64 50 15	164 7 20	5.0	1.00	.30	.50	700	N	N	N	100	1,000	2.0
SB0413	64 49 30	164 8 37	5.0	1.50	.20	.70	700	N	N	N	200	500	3.0
SB0414	64 49 30	164 9 30	5.0	1.50	1.00	.50	1,000	N	N	N	100	700	2.0
SB0415	64 48 35	164 10 40	5.0	1.50	.50	.50	1,000	<.5	N	N	150	1,000	2.0
SB0416	64 48 40	164 10 55	2.0	.50	.15	.20	300	<.5	N	N	150	1,000	2.0
SB0417	64 46 22	164 4 35	7.0	1.50	1.00	.50	1,000	N	N	N	100	500	2.0
SB0418	64 46 22	164 4 15	5.0	1.50	1.50	.50	1,500	N	N	N	100	300	2.0
SB0419	64 47 0	164 5 5	5.0	2.00	1.00	.50	1,500	N	N	N	100	500	2.0
SB0420	64 47 37	164 3 45	5.0	1.00	.50	.50	1,000	.5	N	N	150	700	2.0
SB0421	64 47 50	164 4 20	5.0	2.00	1.00	.70	1,000	N	N	N	100	500	2.0
SB0422	64 48 35	164 1 5	3.0	.70	.50	.50	700	<.5	N	N	100	500	2.0
SB0423	64 48 30	164 1 15	3.0	.70	.70	.50	500	N	N	N	100	500	1.5
SB0424	64 48 55	164 2 25	5.0	1.50	.50	.50	1,500	N	N	N	150	700	2.0
SB0425	64 48 45	164 2 15	5.0	1.00	.70	.50	700	<.5	N	N	100	500	2.0
SB0426	64 49 25	164 4 30	5.0	2.00	.70	.70	1,000	N	N	N	100	500	2.0
SB0427	64 50 0	164 4 15	5.0	1.50	.30	.50	700	<.5	N	N	100	700	2.0
SB0428	64 51 50	164 11 5	5.0	1.50	1.00	1.00	1,000	N	N	N	150	500	2.0
SB0429	64 52 55	164 12 37	3.0	1.00	.50	.50	700	N	N	N	100	700	2.0
SB0430	64 52 45	164 13 40	5.0	.70	.70	1.00	1,000	N	N	N	150	500	2.0
SB0431	64 52 55	164 11 37	5.0	1.00	.70	.70	1,000	<.5	N	N	100	500	2.0
SB0432	64 53 45	164 13 0	2.0	3.00	5.00	.20	1,000	N	N	N	100	200	1.0
SB0433	64 53 5	164 18 25	2.0	1.00	.50	.30	1,000	<.5	N	N	100	500	1.5
SB0434	64 54 25	164 20 0	3.0	1.00	1.00	.50	2,000	<.5	N	N	100	700	2.0
SB0435	64 54 25	164 19 30	3.0	1.00	.20	.70	1,500	N	N	N	100	500	3.0
SB0436	64 52 15	164 15 40	2.0	.70	.20	.50	500	N	N	N	100	300	2.0
SB0437	64 50 20	164 13 50	2.0	.70	.10	.20	300	N	N	N	100	500	1.5
SB0438	64 51 22	164 18 35	3.0	.70	.50	.50	700	N	N	N	100	200	1.5
SB0439	64 51 15	164 21 0	3.0	1.50	.20	.30	1,500	N	N	N	150	300	2.0
SB0440	64 51 45	164 23 40	3.0	1.00	.50	.30	1,000	N	N	N	100	1,000	2.0
SB0441	64 51 20	164 23 45	3.0	.70	.20	.50	700	<.5	200	N	200	300	2.0
SB0442	65 2 10	162 40 50	3.0	3.00	5.00	.50	500	N	N	N	100	300	2.0
SB0443	65 2 35	162 42 15	3.0	2.00	1.50	.50	500	<.5	N	N	100	700	2.0
SB0444	65 2 15	162 37 5	2.0	3.00	7.00	.20	700	N	N	N	150	200	2.0
SB0445	65 4 20	162 36 20	5.0	1.50	1.50	.30	1,500	N	N	N	100	700	2.0
SB0446	65 4 30	162 36 30	3.0	2.00	1.50	.30	1,000	<.5	N	N	150	1,500	2.0
SB0447	65 4 0	162 30 15	3.0	2.00	1.00	.50	700	N	N	N	200	700	2.0
SB0448	65 3 55	162 30 0	2.0	3.00	1.50	.30	1,500	N	N	N	150	200	1.0
SB0449	65 4 35	162 29 5	5.0	2.00	.50	.70	2,000	<.5	N	N	200	300	3.0
SB0450	65 4 50	162 29 35	2.0	2.00	1.00	.30	700	N	N	N	100	700	3.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0406	N	N	20	150	30	50	N	N	70	30	N	15	N	100
SB0407	N	N	30	200	50	150	N	N	70	30	N	20	N	150
SB0408	N	N	20	100	30	30	N	N	50	30	N	20	N	200
SB0409	N	N	30	150	30	50	5	N	70	30	N	20	N	200
SB0410	N	N	20	150	20	70	N	N	70	30	N	15	N	100
SB0411	N	N	20	150	20	30	N	N	70	30	N	20	N	100
SB0412	N	N	20	150	30	<20	N	N	70	30	N	15	N	100
SB0413	N	N	20	200	30	30	N	<20	50	50	N	20	N	150
SB0414	N	N	20	150	30	30	N	N	50	30	N	15	N	200
SB0415	N	N	30	100	50	50	5	N	70	30	N	20	N	150
SB0416	N	N	15	50	20	N	5	N	50	20	N	10	N	<100
SB0417	N	N	30	150	30	30	N	N	50	30	N	20	N	200
SB0418	N	N	20	100	20	30	N	N	50	20	N	20	N	300
SB0419	N	N	20	150	30	20	N	N	50	20	N	20	N	300
SB0420	N	N	20	70	20	50	7	N	50	20	N	15	N	150
SB0421	N	N	20	150	30	<20	N	N	70	30	N	20	N	200
SB0422	N	N	20	100	30	30	N	N	70	20	N	20	N	100
SB0423	N	N	15	100	20	20	N	N	50	20	N	20	N	150
SB0424	N	N	30	150	30	30	N	N	100	30	N	20	N	150
SB0425	N	N	20	100	30	30	N	N	50	20	N	20	N	200
SB0426	N	N	30	150	30	<20	N	N	50	30	N	20	N	200
SB0427	N	N	20	100	20	<20	N	<20	50	20	N	15	N	100
SB0428	N	N	30	150	30	50	N	N	50	20	N	20	N	300
SB0429	N	N	20	70	30	20	<5	N	50	20	N	15	N	100
SB0430	N	N	20	100	20	20	N	N	50	20	N	15	N	100
SB0431	N	N	20	70	20	20	N	N	50	20	N	20	N	150
SB0432	N	N	15	70	10	N	N	N	30	15	N	10	N	100
SB0433	N	N	20	70	20	N	N	N	50	20	N	10	N	N
SB0434	N	N	30	100	20	50	<5	N	50	30	N	15	N	100
SB0435	N	N	30	100	20	30	N	N	70	30	N	20	N	<100
SB0436	N	N	15	50	20	N	N	N	50	20	N	10	N	100
SB0437	N	N	10	50	15	N	N	N	30	15	N	7	N	<100
SB0438	N	N	15	70	15	<20	N	N	50	15	N	15	N	100
SB0439	N	N	20	100	20	20	N	N	50	20	N	15	N	<100
SB0440	N	N	15	100	20	<20	N	N	50	15	N	10	N	100
SB0441	N	N	20	70	20	<20	N	N	50	30	N	15	N	<100
SB0442	N	N	15	100	15	30	N	N	30	70	N	15	100	100
SB0443	N	N	15	100	15	30	N	N	30	70	N	15	<10	200
SB0444	N	N	7	100	10	30	N	N	20	50	N	10	N	200
SB0445	N	N	30	100	20	30	<5	N	50	70	N	15	N	200
SB0446	N	N	15	70	20	N	5	N	30	70	N	15	<10	300
SB0447	N	N	15	100	20	30	N	N	30	50	N	15	N	200
SB0448	N	N	10	50	10	N	N	N	30	20	N	10	N	<100
SB0449	N	N	20	70	30	70	N	N	30	50	N	15	N	100
SB0450	N	N	15	50	20	20	N	N	30	30	N	10	N	150

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0406	150	N	30	N	200	N	N	40	130	.30	<2.0	6
SB0407	150	N	100	<200	200	N	N	20	150	.40	<2.0	2
SB0408	150	N	30	N	200	N	N	15	110	.30	<2.0	2
SB0409	200	N	30	<200	300	N	N	35	170	.50	<2.0	8
SB0410	200	N	20	N	200	N	N	30	130	.40	<2.0	12
SB0411	150	N	20	N	200	N	N	20	130	.30	<2.0	10
SB0412	150	N	20	N	200	N	N	20	110	.70	<2.0	5
SB0413	150	N	20	<200	200	N	N	20	130	.30	<2.0	2
SB0414	100	N	20	N	150	N	N	10	130	.50	<2.0	3
SB0415	150	N	20	<200	150	N	N	20	140	1.70	<2.0	3
SB0416	150	N	10	<200	100	N	<.05	10	140	1.30	<2.0	3
SB0417	100	N	30	N	100	N	<.05	<10	95	.20	<2.0	<2
SB0418	100	N	50	N	150	N	<.05	10	80	.20	<2.0	2
SB0419	100	N	30	N	150	N	<.05	<10	85	.10	<2.0	4
SB0420	150	N	30	<200	150	N	N	25	130	1.30	<2.0	10
SB0421	150	N	30	N	200	N	N	15	110	.20	<2.0	3
SB0422	100	N	30	<200	150	N	N	10	110	.60	<2.0	4
SB0423	150	N	30	N	150	N	N	15	110	.80	<2.0	5
SB0424	200	N	20	200	200	N	N	20	150	.60	<2.0	<2
SB0425	150	N	50	N	200	N	N	15	100	.40	<2.0	<2
SB0426	150	N	30	N	200	N	N	20	110	.70	<2.0	3
SB0427	100	N	30	N	200	N	N	25	100	.80	<2.0	4
SB0428	150	N	30	<200	150	N	N	30	100	.30	<2.0	2
SB0429	100	N	20	<200	150	N	N	25	120	.80	<2.0	5
SB0430	100	N	100	<200	200	N	N	15	90	.30	<2.0	3
SB0431	150	N	30	<200	150	N	12.00	20	90	.30	<2.0	2
SB0432	100	N	20	N	100	N	N	20	70	.30	<2.0	2
SB0433	150	N	20	N	150	N	N	25	100	.40	<2.0	3
SB0434	150	N	20	<200	200	N	N	20	140	.40	<2.0	3
SB0435	150	N	30	<200	300	N	N	20	95	.30	<2.0	2
SB0436	100	N	70	N	200	N	N	20	85	.30	<2.0	2
SB0437	100	N	10	<200	100	N	<.05	15	110	.80	<2.0	2
SB0438	150	N	20	N	150	N	2.00	20	80	.20	<2.0	3
SB0439	150	N	30	<200	200	N	<.05	70	90	.20	<2.0	5
SB0440	100	N	30	N	150	N	<.05	20	100	.70	<2.0	3
SB0441	150	N	20	<200	300	N	.05	180	95	.30	N	14
SB0442	150	N	30	N	200	N	N	150	100	.30	N	3
SB0443	150	N	20	N	200	N	N	40	110	.50	N	<2
SB0444	100	N	20	N	150	N	N	20	70	.20	N	N
SB0445	150	N	30	<200	100	N	N	40	210	2.00	N	<2
SB0446	200	N	20	<200	150	N	N	60	120	1.00	N	5
SB0447	150	N	20	<200	200	N	N	30	110	.60	N	N
SB0448	100	N	20	N	150	N	N	20	50	.10	N	N
SB0449	100	N	30	<200	150	N	N	20	90	.10	N	N
SB0450	150	N	20	N	100	N	N	10	100	.50	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S	Be-ppm S
SB0451	65 5 25	162 29 5	3.0	2.00	1.00	.30	700	N	N	N	100	1,000	2.0
SB0452	65 5 30	162 28 40	5.0	1.50	.50	.70	3,000	N	N	N	200	300	2.0
SB0453	65 7 5	162 30 20	2.0	1.50	1.00	.30	1,000	.5	N	N	150	1,500	3.0
SB0454	65 6 55	162 27 30	3.0	1.50	.70	.50	2,000	N	N	N	200	500	2.0
SB0455	65 8 45	162 26 30	5.0	1.00	1.50	.70	1,500	N	N	N	150	1,000	3.0
SB0456	65 10 20	162 27 25	2.0	.70	1.50	.50	1,000	N	N	N	70	1,000	5.0
SB0457	65 11 20	162 27 10	7.0	.50	1.00	.50	1,500	N	N	N	30	1,000	5.0
SB0458	65 11 50	162 28 10	2.0	.50	.70	.30	700	N	N	N	70	1,000	2.0
SB0459	64 59 10	164 44 20	5.0	1.00	.20	.50	1,500	<.5	N	N	300	500	3.0
SB0460	64 58 50	164 45 7	5.0	1.50	.20	.50	2,000	<.5	N	N	150	500	3.0
SB0461	64 58 35	164 49 5	5.0	1.50	.30	.50	3,000	<.5	N	N	200	700	3.0
SB0462	64 58 40	164 49 0	5.0	1.50	.50	.70	5,000	<.5	N	N	300	1,500	3.0
SB0463	64 59 10	164 50 15	5.0	2.00	.30	1.00	2,000	N	N	N	200	700	2.0
SB0464	65 0 5	164 50 15	5.0	1.50	.50	.50	1,500	.5	N	N	300	2,000	3.0
SB0465	65 0 10	164 50 0	5.0	1.50	.20	.70	2,000	<.5	N	N	200	1,500	1.5
SB0466	64 57 0	164 49 50	5.0	1.00	.30	.50	1,500	<.5	N	N	200	700	2.0
SB0467	64 57 45	164 55 40	5.0	1.50	.50	.50	1,000	N	N	N	100	700	2.0
SB0468	64 55 55	164 58 0	5.0	1.50	.50	.50	2,000	<.5	N	N	200	1,000	3.0
SB0469	64 58 20	164 52 55	5.0	1.50	.30	.70	1,000	<.5	N	N	300	500	2.0
SB0470	64 58 52	164 57 15	3.0	1.50	.70	.50	1,500	<.5	N	N	200	1,500	3.0
SB0471	64 59 52	164 56 30	2.0	1.00	.30	.20	1,000	.5	N	N	150	1,000	1.5
SB0472	65 2 30	164 59 45	5.0	1.00	.50	.50	1,500	N	N	N	70	700	3.0
SB0473	65 3 20	164 59 0	5.0	1.50	1.00	.70	2,000	N	N	N	50	1,000	2.0
SB0474	65 3 35	164 55 35	10.0	1.50	1.00	1.00	3,000	N	N	N	20	500	2.0
SB0475	65 3 40	164 54 10	5.0	1.50	1.00	.50	2,000	N	N	N	200	2,000	1.5
SB0476	65 2 55	164 51 25	3.0	1.00	.70	.50	1,000	<.5	N	N	50	3,000	2.0
SB0477	65 3 10	164 49 35	5.0	.50	.20	1.00	1,500	3.0	N	N	300	3,000	2.0
SB0478	65 4 50	164 48 55	3.0	.70	.30	.70	3,000	N	N	N	300	2,000	1.5
SB0479	65 2 40	164 45 5	2.0	.50	.30	.50	2,000	N	N	N	500	3,000	2.0
SB0480	65 2 5	162 43 10	5.0	1.50	.50	.50	2,000	N	N	N	100	700	2.0
SB0481	65 1 15	164 39 25	3.0	.50	.20	.50	1,500	N	N	N	70	300	2.0
SB0482	65 7 25	162 23 55	5.0	.70	.50	1.00	2,000	N	N	N	300	300	2.0
SB0483	65 7 30	162 22 5	3.0	.70	.30	.70	1,000	N	N	N	200	200	2.0
SB0484	65 6 25	162 18 35	2.0	.30	.30	1.00	700	N	N	N	200	300	2.0
SB0485	65 6 50	162 15 55	3.0	1.00	1.00	.70	2,000	N	N	N	200	300	1.5
SB0486	65 7 45	162 15 25	3.0	1.00	.70	.50	1,500	N	N	N	200	500	1.5
SB0487	65 8 40	162 15 40	5.0	1.00	2.00	.70	3,000	N	N	N	150	500	2.0
SB0488	65 9 35	162 15 20	2.0	1.00	1.00	.30	700	<.5	N	N	100	500	2.0
SB0489	65 11 35	162 17 30	2.0	3.00	15.00	.20	700	N	N	N	50	150	1.0
SB0490	65 13 45	162 21 5	5.0	2.00	1.00	.50	2,000	N	N	N	300	500	2.0
SB0491	65 13 20	162 23 40	2.0	1.00	1.00	.50	1,000	<.5	N	N	200	700	2.0
SB0492	65 14 5	162 26 55	3.0	1.00	1.50	.70	1,500	<.5	N	N	20	1,000	3.0
SB0493	65 13 5	162 28 15	2.0	.50	.70	.50	1,500	<.5	N	N	20	1,000	3.0
SB0494	65 13 0	162 29 5	3.0	.50	.70	.50	3,000	<.5	N	N	70	1,000	3.0
SB0495	65 12 15	162 32 15	1.5	.50	.50	.30	5,000	<.5	N	N	50	1,000	5.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0451	N	N	15	70	20	50	N	N	30	30	N	10	N	200
SB0452	N	N	15	50	10	50	N	N	30	30	N	20	N	100
SB0453	N	N	15	70	15	30	5	N	30	50	N	10	N	200
SB0454	N	N	15	70	10	N	N	N	30	30	N	15	N	100
SB0455	N	N	15	30	5	150	N	30	20	50	N	10	N	700
SB0456	N	N	10	20	5	150	N	30	5	30	N	10	10	700
SB0457	N	N	10	15	7	300	N	30	<5	50	N	7	20	700
SB0458	N	N	7	20	5	100	N	20	<5	50	N	10	10	1,000
SB0459	N	N	30	100	50	50	N	N	50	30	N	15	N	100
SB0460	N	N	50	100	100	70	<5	<20	50	30	N	15	N	150
SB0461	N	N	50	100	70	70	5	N	150	50	N	20	N	150
SB0462	N	N	20	100	70	70	10	<20	30	50	N	20	10	200
SB0463	N	N	20	150	70	30	5	<20	30	50	N	20	N	150
SB0464	N	N	15	10	100	30	20	N	50	70	N	15	<10	200
SB0465	N	N	15	10	70	30	20	<20	30	50	N	15	N	200
SB0466	N	N	30	10	70	70	5	N	100	50	N	15	N	150
SB0467	N	N	20	70	30	50	<5	N	50	30	N	10	N	100
SB0468	N	N	30	100	50	50	5	N	70	50	N	15	N	150
SB0469	N	N	20	150	50	<20	5	N	50	30	N	20	N	200
SB0470	N	N	50	50	70	20	20	N	100	30	N	15	<10	200
SB0471	N	N	30	50	50	50	15	N	50	50	N	10	10	150
SB0472	N	N	15	100	20	100	N	<20	30	70	N	10	10	200
SB0473	N	N	30	100	30	100	<5	<20	50	70	N	15	10	200
SB0474	N	N	20	100	20	200	N	<20	30	30	N	20	15	200
SB0475	N	N	15	70	15	<20	N	N	50	50	N	15	10	150
SB0476	N	N	10	50	30	100	15	<20	50	50	N	10	<10	200
SB0477	N	N	7	50	50	150	20	30	50	50	N	15	N	150
SB0478	N	N	7	50	15	100	10	20	20	30	N	15	N	100
SB0479	N	N	7	50	15	N	10	<20	20	30	N	10	N	100
SB0480	N	N	30	150	20	20	<5	N	70	30	N	15	N	150
SB0481	N	N	15	70	10	20	N	N	30	20	N	10	N	N
SB0482	N	N	10	50	10	N	N	<20	20	30	N	15	N	100
SB0483	N	N	15	70	50	N	N	<20	30	50	N	15	15	200
SB0484	N	N	7	50	10	100	N	20	15	30	N	10	N	100
SB0485	N	N	15	100	10	N	N	<20	30	15	N	20	N	100
SB0486	N	N	10	100	10	N	N	N	50	20	N	15	N	150
SB0487	N	N	10	70	15	20	<5	<20	30	20	N	15	N	300
SB0488	N	N	15	70	15	70	N	N	50	15	N	10	N	150
SB0489	N	N	10	50	10	N	N	N	30	20	N	10	N	300
SB0490	N	N	20	100	20	20	N	N	50	70	N	15	10	200
SB0491	N	N	10	50	10	30	N	<20	20	50	N	10	<10	300
SB0492	N	N	10	30	5	50	N	20	10	50	N	10	N	1,000
SB0493	N	N	7	20	5	150	5	20	5	70	N	7	N	500
SB0494	N	N	15	30	10	100	5	20	15	100	N	7	<10	500
SB0495	N	N	10	15	10	200	<5	<20	10	100	N	5	<10	700

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0451	100	N	20	N	100	N	N	100	100	.50	N	N
SB0452	100	N	50	N	150	N	N	60	75	.10	N	N
SB0453	150	N	20	N	150	N	N	40	100	.70	N	N
SB0454	100	N	20	N	100	N	N	20	75	.20	N	N
SB0455	100	N	30	N	200	N	N	20	70	.30	N	N
SB0456	100	N	100	N	500	N	N	20	40	.10	N	N
SB0457	150	N	70	N	500	N	N	10	80	.20	N	N
SB0458	100	N	50	N	700	N	1.50	30	55	.10	N	N
SB0459	150	N	20	N	200	N	N	30	110	.30	N	N
SB0460	150	N	50	200	150	N	N	140	220	1.00	N	N
SB0461	150	N	30	200	200	N	N	130	230	2.00	N	N
SB0462	200	N	30	<200	200	N	N	50	150	.40	N	N
SB0463	150	N	30	N	150	N	N	30	85	.10	N	N
SB0464	200	N	20	<200	100	N	N	20	160	.40	N	N
SB0465	150	N	20	<200	100	N	N	40	180	.50	N	N
SB0466	150	N	30	<200	200	N	N	35	100	.60	N	N
SB0467	100	N	20	N	150	N	N	30	110	.40	N	N
SB0468	150	N	30	<200	200	N	N	20	200	1.40	N	N
SB0469	150	N	20	N	150	N	N	30	70	.10	N	N
SB0470	200	N	50	500	150	N	N	60	500	1.80	N	N
SB0471	150	N	20	200	100	N	N	60	360	1.00	N	N
SB0472	100	N	50	N	300	N	N	30	80	.10	N	N
SB0473	150	N	50	N	300	N	N	15	100	.20	N	N
SB0474	200	N	150	<200	300	<100	N	<10	75	.10	N	N
SB0475	150	N	30	N	200	N	N	<10	60	.10	N	N
SB0476	150	N	70	N	100	N	N	<10	110	.30	N	N
SB0477	300	N	50	N	150	<100	N	<10	90	.40	N	N
SB0478	200	N	70	N	100	N	N	<10	70	.30	N	N
SB0479	200	N	15	N	150	N	N	150	70	.20	N	N
SB0480	100	N	50	<200	100	N	N	500	110	.30	N	4
SB0481	100	N	100	N	150	N	N	10	75	.10	N	<2
SB0482	100	N	20	N	200	N	1.50	20	60	.10	N	N
SB0483	100	N	20	N	200	N	N	100	70	.40	N	N
SB0484	100	N	20	N	200	N	1.00	10	40	.10	N	N
SB0485	150	N	50	N	150	N	N	15	65	.30	N	N
SB0486	150	N	20	N	150	N	N	20	70	.40	N	N
SB0487	100	N	30	N	200	N	N	15	70	.40	N	N
SB0488	100	N	15	N	150	N	N	5	65	.30	N	N
SB0489	100	N	10	N	70	N	N	5	50	.30	N	2
SB0490	150	N	20	200	150	N	N	75	140	.70	N	2
SB0491	100	N	30	N	200	N	N	5	75	.30	N	N
SB0492	100	N	50	N	300	N	.25	10	60	.20	N	N
SB0493	70	N	20	N	500	N	N	5	80	.30	N	N
SB0494	100	N	30	N	500	N	N	10	120	.50	N	N
SB0495	50	N	20	500	200	N	N	<5	440	3.70	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB0496	65 12 40	162 33 10	2.0	.70	.70	.70	1,000	N	N	N	50	1,000	5.0
SB0497	65 11 45	162 32 35	3.0	.50	.50	.50	1,500	<.5	N	N	50	1,000	5.0
SB0498	65 11 50	162 32 45	1.0	.30	.30	.20	500	.5	N	N	50	1,500	5.0
SB0499	65 16 25	162 38 45	1.5	.50	.70	.50	700	N	N	N	15	1,000	5.0
SB0500	65 17 10	162 41 10	2.0	.30	.50	.30	500	<.5	N	N	50	700	5.0
SB0501	65 18 40	162 49 20	3.0	1.00	1.00	.50	1,000	N	N	N	20	700	2.0
SB0502	65 18 30	162 49 35	3.0	1.00	.70	.50	700	N	N	N	50	700	3.0
SB0503	65 18 50	162 52 15	1.5	.50	.50	.30	700	N	N	N	20	700	3.0
SB0504	65 18 55	162 52 20	1.5	.30	.50	.30	300	<.5	N	N	20	1,000	2.0
SB0505	65 18 50	162 53 35	3.0	.70	.70	.50	1,000	N	N	N	30	1,000	2.0
SB0506	65 20 55	162 57 35	1.5	.30	1.00	.20	300	<.5	N	N	15	1,000	3.0
SB0507	65 20 30	162 58 20	3.0	2.00	1.50	.50	1,000	N	N	N	20	1,000	3.0
SB0508	65 19 35	162 58 55	1.0	.30	1.00	.30	300	N	N	N	10	1,000	3.0
SB0509	65 20 25	163 2 50	2.0	.70	1.00	.50	1,500	N	N	N	20	1,000	3.0
SB0510	65 21 50	163 4 35	2.0	1.00	1.00	.30	1,000	N	N	N	50	1,000	5.0
SB0511	65 21 50	163 5 5	3.0	1.50	1.50	.70	2,000	N	N	N	30	1,000	5.0
SB0512	65 0 10	162 41 35	1.0	7.00	20.00	.07	500	N	N	N	20	70	<1.0
SB0513	65 0 15	162 39 5	2.0	5.00	10.00	.20	700	N	N	N	200	300	2.0
SB0514	65 0 20	162 39 5	1.0	10.00	20.00	.07	300	<.5	N	N	20	70	<1.0
SB0515	65 0 50	162 36 30	.7	10.00	20.00	.07	500	N	N	N	20	70	<1.0
SB0516	65 1 0	162 30 40	3.0	3.00	3.00	.30	1,500	N	N	N	100	200	2.0
SB0517	65 0 55	162 30 25	3.0	3.00	3.00	.50	1,000	N	N	N	150	300	2.0
SB0518	65 0 0	162 30 50	3.0	2.00	2.00	.70	1,500	N	N	N	300	300	3.0
SB0519	64 59 30	162 32 25	3.0	5.00	7.00	.30	1,500	N	N	N	150	200	2.0
SB0520	64 59 15	162 33 20	5.0	2.00	2.00	.50	1,500	N	N	N	100	300	2.0
SB0521	64 59 22	162 33 40	2.0	3.00	5.00	.30	500	N	N	N	50	200	1.5
SB0522	64 58 10	162 37 40	3.0	2.00	3.00	.50	1,000	N	N	N	150	300	2.0
SB0523	64 57 5	162 36 10	2.0	2.00	2.00	.50	1,500	N	N	N	100	200	2.0
SB0524	64 57 7	162 36 30	3.0	2.00	2.00	.50	2,000	N	N	N	150	200	2.0
SB0525	64 57 5	162 31 55	1.5	10.00	20.00	.20	700	N	N	N	50	100	1.0
SB0526	64 57 7	162 30 45	5.0	2.00	1.50	1.00	5,000	N	N	N	200	150	2.0
SB0527	64 57 10	162 30 37	3.0	1.50	.70	.50	700	<.5	N	N	100	300	2.0
SB0528	64 57 35	162 29 0	3.0	2.00	1.00	.50	1,500	N	N	N	150	300	2.0
SB0529	64 57 25	162 29 0	2.0	3.00	1.50	.50	1,000	N	N	N	100	200	1.5
SB0530	64 55 10	162 28 52	5.0	.70	1.00	1.00	2,000	N	N	N	300	200	3.0
SB0531	64 55 5	162 29 5	3.0	.70	.30	.70	1,500	N	N	N	200	300	3.0
SB0532	64 55 25	162 30 10	2.0	2.00	1.00	.50	1,500	N	N	N	100	200	2.0
SB0533	64 55 15	162 33 15	2.0	1.50	1.00	.50	1,000	N	N	N	150	200	2.0
SB0534	64 55 25	162 34 50	2.0	2.00	3.00	.20	1,500	N	N	N	100	100	2.0
SB0535	64 55 20	162 34 40	5.0	1.00	.70	1.00	2,000	N	N	N	300	200	2.0
SB0536	64 55 40	162 41 0	2.0	1.00	1.00	.50	1,500	N	N	N	100	200	3.0
SB0537	64 55 35	162 41 20	3.0	1.00	1.00	.50	2,000	N	N	N	200	500	3.0
SB0538	64 53 45	162 45 22	2.0	1.00	1.00	.50	1,500	N	N	N	200	300	5.0
SB0539	64 53 35	162 40 45	3.0	1.00	1.00	.50	1,000	N	N	N	150	300	3.0
SB0540	64 53 45	162 34 50	5.0	1.00	1.00	.50	1,000	N	N	N	200	300	3.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0496	N	N	7	30	7	100	N	20	10	70	N	10	10	500
SB0497	N	N	7	30	30	200	7	20	15	70	N	7	10	700
SB0498	N	N	<5	10	7	100	5	N	7	70	N	5	<10	700
SB0499	N	N	<5	10	<5	150	N	<20	5	50	N	7	N	1,000
SB0500	N	N	10	30	10	100	<5	N	15	50	N	10	N	500
SB0501	N	N	10	30	10	150	N	<20	15	70	N	10	<10	500
SB0502	N	N	10	30	15	150	N	N	15	70	N	10	N	500
SB0503	N	N	7	20	5	150	N	N	10	70	N	7	<10	500
SB0504	N	N	5	20	5	70	N	N	7	50	N	5	N	700
SB0505	N	N	7	50	10	200	N	N	15	50	N	7	<10	700
SB0506	N	N	<5	15	<5	70	N	<20	5	30	N	5	<10	700
SB0507	N	N	10	30	10	70	N	<20	10	30	N	10	N	1,000
SB0508	N	N	<5	20	<5	100	<5	<20	5	70	N	5	N	1,000
SB0509	N	N	5	20	5	200	N	<20	7	50	N	10	N	1,000
SB0510	N	N	7	20	7	50	N	<20	7	30	N	7	N	1,000
SB0511	N	N	15	50	10	150	N	<20	15	50	N	10	10	700
SB0512	N	N	5	20	5	N	N	N	10	200	N	<5	N	300
SB0513	N	N	10	50	5	<20	N	N	20	15	N	10	N	200
SB0514	N	N	<5	20	20	N	N	N	10	300	N	5	N	300
SB0515	N	N	5	20	5	N	N	N	10	150	N	<5	N	300
SB0516	N	N	15	70	10	<20	N	N	20	50	N	15	N	200
SB0517	N	N	15	100	20	20	N	N	50	30	N	15	N	150
SB0518	N	N	15	100	15	30	N	N	30	30	N	20	N	200
SB0519	N	N	10	70	10	50	N	N	20	20	N	15	N	200
SB0520	N	N	20	100	15	30	N	N	30	20	N	15	N	200
SB0521	N	N	15	70	20	<20	N	N	30	20	N	10	N	150
SB0522	N	N	15	70	20	30	N	N	50	20	N	20	N	200
SB0523	N	N	10	70	15	30	N	N	30	30	N	15	N	150
SB0524	N	N	10	70	15	30	N	N	30	20	N	20	N	300
SB0525	N	N	5	50	5	N	N	N	20	15	N	7	N	200
SB0526	N	N	15	50	10	50	N	20	20	20	N	20	N	300
SB0527	N	N	20	70	20	50	N	N	50	20	N	15	N	200
SB0528	N	N	20	70	20	50	N	N	30	20	N	20	N	500
SB0529	N	N	15	50	10	50	N	N	20	20	N	10	N	300
SB0530	N	N	15	50	20	70	N	20	15	20	N	20	<10	100
SB0531	N	N	20	50	15	70	N	<20	20	30	N	15	N	100
SB0532	N	N	15	50	10	<20	N	N	20	20	N	15	N	200
SB0533	N	N	15	70	10	<20	N	N	30	30	N	15	N	500
SB0534	N	N	10	50	10	N	N	N	20	20	N	10	N	100
SB0535	N	N	15	50	10	100	N	20	15	20	N	20	N	150
SB0536	N	N	10	50	10	30	N	N	15	30	N	15	N	200
SB0537	N	N	15	50	10	30	N	N	20	30	N	15	N	200
SB0538	N	N	15	30	10	<20	N	<20	20	30	N	10	10	300
SB0539	N	N	15	50	7	<20	N	N	20	20	N	10	<10	200
SB0540	N	N	15	30	10	20	N	N	20	30	N	15	N	300

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0496	50	N	30	N	300	N	N	<5	85	.30	N	N
SB0497	100	N	30	<200	300	N	N	5	170	1.10	N	N
SB0498	50	N	10	<200	150	N	N	<5	160	1.10	N	N
SB0499	50	N	15	N	200	N	N	<5	40	.10	N	N
SB0500	70	N	20	N	200	N	N	<5	60	.20	N	N
SB0501	100	N	30	N	300	N	N	<5	95	.30	N	N
SB0502	100	N	20	N	500	N	N	<5	80	.20	N	N
SB0503	50	N	15	N	200	N	N	<5	85	.40	N	N
SB0504	50	N	15	N	150	N	N	<5	50	.20	N	N
SB0505	70	N	20	N	300	N	N	<5	80	.70	N	N
SB0506	50	N	15	N	150	N	N	<5	30	.10	N	N
SB0507	70	N	20	N	200	N	N	<5	55	.30	N	N
SB0508	30	N	20	N	200	N	N	<5	40	.20	N	N
SB0509	50	N	70	N	150	N	N	<5	35	.20	N	N
SB0510	70	N	20	N	200	N	N	<5	45	.30	N	N
SB0511	100	N	50	N	200	N	N	<5	75	.30	N	N
SB0512	20	N	<10	N	50	N	N	20	150	.60	N	2
SB0513	70	N	30	N	150	N	N	<5	40	.20	N	N
SB0514	30	N	10	N	50	N	N	20	130	.50	N	N
SB0515	30	N	<10	N	30	N	N	20	110	.50	N	2
SB0516	100	N	30	N	150	N	N	<5	85	.30	N	N
SB0517	100	N	30	N	150	N	N	<5	65	.20	N	N
SB0518	100	N	50	N	150	N	N	<5	55	.10	N	N
SB0519	70	N	30	N	100	N	N	<5	50	.20	N	N
SB0520	100	N	30	N	100	N	N	<5	65	.20	N	N
SB0521	100	N	20	N	100	N	N	<5	60	.10	N	N
SB0522	150	N	30	N	200	N	N	10	70	.20	N	N
SB0523	100	N	50	N	200	N	N	<5	50	.20	N	N
SB0524	100	N	50	N	150	N	N	5	50	.10	N	N
SB0525	50	N	15	N	70	N	N	N	40	.10	N	N
SB0526	100	N	70	N	200	N	N	N	40	.10	N	N
SB0527	100	N	30	N	150	N	N	N	90	.20	N	N
SB0528	100	N	20	N	150	N	N	<5	50	.10	N	N
SB0529	70	N	20	N	150	N	N	N	40	.10	N	N
SB0530	70	N	70	<200	200	N	N	25	45	.10	N	N
SB0531	100	N	50	N	200	N	N	<5	70	2.40	N	N
SB0532	100	N	20	N	200	N	N	<5	55	.20	N	N
SB0533	100	N	20	N	150	N	N	<5	55	.20	N	N
SB0534	70	N	20	N	150	N	N	<5	45	.10	N	N
SB0535	70	N	100	N	200	N	N	10	45	.10	N	N
SB0536	100	N	50	N	200	N	N	10	40	.20	N	N
SB0537	100	N	50	N	200	N	N	<5	100	.20	N	N
SB0538	100	N	30	N	200	N	N	5	40	.20	N	N
SB0539	100	N	30	N	200	N	N	5	50	.20	N	N
SB0540	100	N	30	N	200	N	N	10	40	.30	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB0541	64 52 55	162 30 15	5.0	1.50	1.50	.50	1,000	N	N	N	200	500	5.0
SB0542	64 52 50	162 30 30	5.0	1.00	.70	.70	700	N	N	N	300	500	5.0
SB0543	64 53 30	162 23 45	5.0	.30	.70	.50	700	<.5	N	N	20	500	7.0
SB0544	64 54 15	162 20 50	5.0	.30	.50	.30	700	N	N	N	100	300	7.0
SB0545	64 54 20	162 20 40	3.0	.20	.30	.20	1,000	N	N	N	50	150	10.0
SB0546	64 52 55	162 20 40	7.0	.20	.50	.30	700	N	N	N	20	200	10.0
SB0547	64 52 45	162 20 45	7.0	.20	.50	.50	700	N	N	N	15	200	7.0
SB0548	64 56 50	162 23 20	5.0	1.00	1.00	.50	3,000	N	N	N	200	300	2.0
SB0549	64 56 45	162 23 5	2.0	.50	.30	.30	700	N	N	N	200	500	7.0
SB0550	64 58 20	162 20 45	3.0	1.00	1.50	.50	1,500	<.5	N	N	70	700	5.0
SB0551	64 58 10	162 20 45	7.0	1.50	1.00	1.00	5,000	N	N	N	300	500	2.0
SB0552	64 58 0	162 11 35	5.0	1.00	1.00	.50	1,000	N	N	N	20	500	7.0
SB0553	64 58 0	162 11 0	3.0	5.00	3.00	.30	1,000	N	N	N	50	500	5.0
SB0554	64 57 35	162 2 0	5.0	1.50	1.50	.70	1,000	N	N	N	100	500	1.0
SB0555	64 55 45	162 6 30	3.0	1.00	.70	.50	1,000	N	N	N	70	700	1.0
SB0556	64 56 5	162 10 40	5.0	.30	.70	.50	1,000	N	N	N	15	300	7.0
SB0557	64 49 55	162 47 10	5.0	3.00	7.00	.70	1,500	N	N	N	200	700	1.5
SB0558	64 50 15	162 47 15	3.0	2.00	2.00	.50	2,000	N	N	N	200	700	2.0
SB0559	64 50 55	162 41 40	5.0	2.00	3.00	.70	2,000	N	N	N	300	300	3.0
SB0560	64 50 50	162 41 25	5.0	2.00	3.00	1.00	5,000	N	N	N	150	500	2.0
SB0561	64 52 10	162 33 30	5.0	1.50	2.00	.70	2,000	N	N	N	150	500	1.5
SB0562	64 51 0	162 37 35	3.0	1.00	2.00	.50	1,500	N	N	N	200	500	2.0
SB0563	64 50 55	162 37 45	5.0	2.00	3.00	.50	1,500	N	N	N	200	500	2.0
SB0564	64 49 15	162 35 40	5.0	2.00	1.50	.70	1,000	N	N	N	100	700	3.0
SB0565	64 48 30	162 38 7	5.0	1.50	1.50	.70	1,500	N	N	N	100	700	2.0
SB0566	64 48 20	162 38 7	5.0	1.50	1.50	.50	1,500	N	N	N	150	500	2.0
SB0567	64 49 0	162 39 0	5.0	1.00	1.00	1.00	3,000	N	N	N	200	500	1.5
SB0568	64 47 5	162 37 45	5.0	1.50	1.50	.30	1,000	N	N	N	200	500	3.0
SB0569	64 47 20	162 33 15	5.0	3.00	2.00	.50	1,500	N	N	N	100	1,000	1.5
SB0570	64 47 30	162 33 15	5.0	2.00	2.00	.30	1,000	N	N	N	200	500	2.0
SB0571	64 48 50	162 30 50	5.0	2.00	2.00	.30	1,000	N	N	N	200	300	3.0
SB0572	64 48 37	162 30 40	3.0	1.00	1.50	.20	1,000	N	N	N	200	500	3.0
SB0573	64 46 30	162 40 50	3.0	.70	1.00	.50	500	N	N	N	70	700	2.0
SB0574	64 46 20	162 44 40	5.0	1.50	1.50	.50	700	N	N	N	50	1,000	2.0
SB0575	64 46 25	162 45 25	5.0	2.00	2.00	.70	1,000	N	N	N	70	700	3.0
SB0576	64 47 35	162 46 40	5.0	2.00	3.00	.50	1,500	N	N	N	30	1,000	5.0
SB0577	64 48 30	162 55 15	5.0	2.00	5.00	.30	1,000	N	N	N	100	500	2.0
SB0578	64 49 22	162 58 5	3.0	2.00	5.00	.30	1,000	N	N	N	150	500	1.5
SB0579	64 49 35	162 58 15	3.0	2.00	5.00	.20	2,000	N	N	N	70	300	1.5
SB0580	64 51 35	162 59 10	3.0	1.50	3.00	.20	2,000	N	N	N	70	300	1.0
SB0581	64 51 20	163 2 37	2.0	1.50	.70	.20	700	N	N	N	50	150	1.0
SB0582	64 51 10	163 2 22	3.0	1.50	1.00	.50	1,500	N	N	N	100	200	1.0
SB0583	64 49 10	163 4 7	5.0	2.00	.70	.50	2,000	N	N	N	150	300	1.5
SB0584	64 45 45	163 6 0	3.0	2.00	1.50	.30	2,000	N	N	N	200	500	3.0
SB0585	64 47 10	163 10 15	3.0	1.00	2.00	.30	2,000	N	N	N	70	150	1.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0541	N	N	15	70	15	50	N	<20	20	50	N	15	<10	300
SB0542	N	N	20	100	20	100	N	<20	30	50	N	15	N	200
SB0543	N	N	5	20	10	150	15	50	7	70	N	7	20	300
SB0544	N	N	5	15	<5	200	<5	50	N	50	N	5	15	300
SB0545	N	N	<5	20	7	150	N	70	5	50	N	5	15	200
SB0546	N	N	7	50	5	150	7	70	<5	30	N	5	20	300
SB0547	N	N	5	20	5	150	30	50	N	50	N	5	30	300
SB0548	N	N	20	50	15	30	N	<20	20	20	N	15	N	500
SB0549	N	N	10	30	10	100	N	30	15	50	N	10	15	200
SB0550	N	N	10	50	15	100	<5	<20	20	70	N	7	20	700
SB0551	N	N	30	70	30	30	N	20	15	20	N	30	N	300
SB0552	N	N	15	50	10	50	<5	50	20	70	N	10	10	500
SB0553	N	N	10	50	10	150	N	20	30	50	N	7	10	200
SB0554	N	N	20	50	20	N	N	N	30	20	N	15	N	100
SB0555	N	N	15	100	15	N	N	N	30	20	N	10	N	100
SB0556	N	N	5	20	<5	100	5	70	<5	50	N	5	20	300
SB0557	N	N	20	150	10	70	N	<20	50	30	N	15	10	500
SB0558	N	N	10	50	7	50	N	N	30	20	N	10	N	300
SB0559	N	N	15	100	20	30	N	<20	30	20	N	15	N	500
SB0560	N	N	15	100	10	100	N	<20	20	50	N	30	N	500
SB0561	N	N	15	100	7	50	N	20	20	30	N	30	10	300
SB0562	N	N	15	70	10	30	N	<20	30	30	N	20	N	500
SB0563	<10	N	15	100	10	20	N	<20	20	20	N	20	<10	500
SB0564	N	N	20	100	15	30	N	<20	30	30	N	20	N	300
SB0565	N	N	20	70	10	50	N	<20	20	30	N	20	N	500
SB0566	N	N	15	70	10	70	N	<20	20	20	N	20	30	300
SB0567	N	N	10	50	<5	100	N	20	10	15	N	20	N	500
SB0568	N	N	15	100	10	50	N	<20	20	30	N	15	15	500
SB0569	N	N	20	150	15	100	N	<20	50	30	N	20	<10	500
SB0570	N	N	15	70	10	50	N	<20	30	30	N	15	10	300
SB0571	N	N	15	50	10	50	<5	<20	20	50	N	10	15	200
SB0572	N	N	10	70	10	70	N	20	20	30	N	10	10	200
SB0573	N	N	10	50	7	100	N	<20	20	20	N	7	<10	500
SB0574	N	N	15	70	7	70	N	20	20	20	N	10	<10	700
SB0575	N	N	15	70	10	70	N	20	20	50	N	10	20	500
SB0576	N	N	15	50	10	70	N	20	15	100	N	10	20	700
SB0577	N	N	15	100	15	<20	N	N	70	50	N	10	<10	300
SB0578	N	N	10	70	10	N	N	N	50	20	N	10	N	700
SB0579	N	N	10	70	10	<20	N	N	50	20	N	10	N	500
SB0580	N	N	7	50	7	70	N	N	50	10	N	7	N	300
SB0581	N	N	7	50	7	<20	N	N	50	10	N	7	N	<100
SB0582	N	N	10	70	7	N	N	N	50	10	N	5	N	100
SB0583	N	N	15	100	10	30	N	N	70	10	N	7	10	150
SB0584	N	N	15	70	7	N	N	N	50	15	N	7	<10	300
SB0585	N	N	7	50	5	N	N	N	50	<10	N	5	N	200

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0541	100	N	30	N	200	N	N	5	55	.20	N	N
SB0542	150	N	30	N	200	N	N	<5	40	.20	N	N
SB0543	100	100	50	N	300	<100	N	<5	25	.30	N	N
SB0544	100	N	50	N	500	N	N	<5	35	.20	4.0	N
SB0545	100	N	100	N	500	<100	N	10	35	.20	<2.0	N
SB0546	150	<50	70	N	500	N	N	<5	35	.30	N	N
SB0547	150	70	70	N	700	N	N	<5	60	.20	N	N
SB0548	150	N	30	N	300	N	N	30	55	.20	N	N
SB0549	100	N	30	N	300	N	N	30	50	.20	N	N
SB0550	100	N	20	N	500	N	N	30	60	.30	6.0	N
SB0551	100	N	70	N	300	N	N	30	50	.20	2.0	2
SB0552	100	N	30	N	200	N	N	<5	55	.20	2.0	N
SB0553	100	N	30	N	200	N	N	N	50	.20	N	N
SB0554	200	N	20	N	200	N	N	<5	70	.20	N	N
SB0555	150	N	70	N	100	N	N	<5	65	.30	N	N
SB0556	100	N	50	N	500	<100	N	<5	35	.20	N	N
SB0557	150	N	50	N	500	N	N	20	55	.60	N	N
SB0558	100	N	20	N	300	N	N	N	35	.20	N	N
SB0559	100	N	50	N	150	N	N	10	45	.20	N	N
SB0560	100	N	50	N	200	N	N	15	40	.20	N	N
SB0561	100	N	50	N	300	N	N	5	40	.10	N	N
SB0562	100	N	50	N	300	N	N	10	45	<.10	N	N
SB0563	100	N	50	N	300	N	N	15	55	<.10	N	N
SB0564	100	N	50	N	200	N	N	10	75	.10	N	N
SB0565	100	N	50	N	200	N	N	10	60	<.10	N	N
SB0566	100	N	50	N	200	N	N	5	55	<.10	N	N
SB0567	100	N	70	N	300	N	N	10	40	<.10	N	N
SB0568	100	N	30	N	200	N	N	<5	60	.10	N	N
SB0569	150	N	30	N	200	N	N	5	75	.20	N	N
SB0570	100	N	30	N	200	N	N	<5	55	.10	N	N
SB0571	100	N	30	N	200	N	<.05	5	50	.20	N	N
SB0572	100	N	70	N	200	N	N	<5	60	.10	N	N
SB0573	100	N	50	N	200	N	N	<5	40	.20	N	N
SB0574	150	N	50	N	1,000	N	N	15	50	.10	N	N
SB0575	150	N	50	N	700	N	N	20	55	.10	N	N
SB0576	100	N	50	N	300	N	N	<5	55	<.10	<2.0	N
SB0577	150	N	20	N	700	N	N	35	40	.10	N	N
SB0578	150	N	15	N	100	N	N	20	45	<.10	N	N
SB0579	100	N	15	N	150	N	N	25	55	.20	N	N
SB0580	100	N	10	N	200	N	N	60	45	.20	N	N
SB0581	100	N	10	N	100	N	N	20	60	.10	N	N
SB0582	100	N	10	N	100	N	N	35	55	.10	N	N
SB0583	150	N	10	N	150	N	N	50	65	.10	N	N
SB0584	150	<50	10	N	200	N	N	120	55	.20	N	N
SB0585	70	N	<10	N	70	N	N	5	50	.10	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB0586	64 54 37	163 8 37	2.0	1.50	.50	.30	500	N	N	N	70	150	1.0
SB0587	64 55 35	162 59 40	2.0	1.50	5.00	.20	500	N	N	N	70	100	1.0
SB0588	64 53 50	163 1 0	3.0	1.50	1.00	.20	700	N	N	N	100	150	1.5
SB0589	64 54 10	162 52 10	5.0	.70	.50	.50	700	N	N	N	150	1,000	2.0
SB0590	64 53 22	162 48 20	3.0	1.00	1.50	.30	1,500	N	N	N	200	700	3.0
SB0591	64 47 22	163 34 25	5.0	1.00	.30	.50	700	N	N	N	70	1,000	1.5
SB0592	64 48 15	163 38 0	5.0	1.50	.70	.70	1,500	N	N	N	100	700	2.0
SB0593	65 24 25	162 59 45	3.0	1.00	2.00	.70	500	N	N	N	20	700	1.0
SB0594	65 26 50	162 56 50	2.0	.50	.30	.30	500	N	N	N	30	500	1.0
SB0595	65 25 50	163 2 40	1.0	.30	.70	.30	500	N	N	N	10	700	1.5
SB0596	65 26 10	163 11 10	1.5	.50	.70	.20	300	N	N	N	20	500	1.5
SB0597	65 22 40	163 10 33	2.0	1.00	1.50	.50	500	N	N	N	15	500	1.5
SB0598	65 22 40	163 18 12	3.0	.70	1.00	.50	500	N	N	N	15	500	1.5
SB0599	65 21 37	163 23 30	2.0	.50	1.00	.50	300	N	N	N	10	700	1.5
SB0600	65 23 50	163 28 1	2.0	1.50	1.00	.30	700	N	N	N	50	500	2.0
SB0601	65 23 52	163 30 10	3.0	1.00	2.00	.50	500	N	N	N	50	200	1.0
SB0602	65 23 48	163 34 40	2.0	1.00	1.50	.70	500	N	N	N	70	300	1.0
SB0603	65 27 10	163 40 52	5.0	1.00	1.00	.50	700	N	N	N	70	500	1.0
SB0604	65 23 59	163 40 3	2.0	1.00	1.00	.20	500	N	N	N	50	500	2.0
SB0605	65 22 40	163 44 52	1.0	1.00	1.00	.70	1,000	<.5	N	N	150	2,000	1.0
SB0606	65 21 32	163 43 42	5.0	.50	.30	.20	100	.5	N	N	50	1,500	<1.0
SB0607	65 21 0	163 41 58	1.5	.70	.50	.50	500	1.0	N	N	100	2,000	1.0
SB0608	65 20 45	163 40 15	1.5	.50	.15	.20	150	1.0	N	N	100	2,000	1.0
SB0609	65 20 5	163 38 31	2.0	.70	.30	.30	150	1.0	N	N	100	3,000	1.0
SB0610	65 20 10	163 38 13	2.0	2.00	3.00	.30	500	N	N	N	100	300	1.0
SB0611	65 18 35	163 40 12	5.0	.70	.50	.30	100	1.5	N	N	70	2,000	1.0
SB0612	65 53 25	164 4 7	2.0	.70	.50	.30	500	N	N	N	50	500	<1.0
SB0613	65 54 42	164 7 59	2.0	.70	.50	.50	100	N	N	N	50	300	<1.0
SB0614	65 55 7	164 15 15	3.0	1.50	5.00	.50	1,000	N	N	N	70	300	1.0
SB0615	65 55 3	164 15 40	5.0	1.50	2.00	.70	700	N	N	N	50	300	<1.0
SB0616	65 59 25	164 22 59	1.5	.50	.15	.30	100	N	N	N	50	300	1.0
SB0617	65 57 56	164 23 33	3.0	1.00	.10	.50	500	N	N	N	70	500	1.0
SB0618	65 58 10	164 28 25	5.0	.70	.20	.30	>5,000	N	N	N	70	700	1.0
SB0619	65 56 28	164 22 5	2.0	1.00	.20	.50	200	N	N	N	100	500	1.0
SB0620	65 54 35	164 24 59	3.0	.70	.30	.30	2,000	N	N	N	150	500	1.0
SB0621	65 51 53	164 25 38	2.0	1.00	.20	.50	500	.5	N	N	100	500	1.0
SB0622	65 52 0	164 25 46	3.0	1.00	.20	.50	300	N	N	N	100	300	2.0
SB0623	65 51 44	164 24 2	2.0	.50	.15	.30	500	<.5	N	N	150	500	1.0
SB0624	65 52 16	164 19 13	2.0	.50	.30	.30	700	N	N	N	100	300	1.0
SB0625	65 49 40	164 25 55	2.0	.70	.10	.50	500	<.5	N	N	100	500	1.0
SB0626	65 49 39	164 25 31	3.0	.70	.15	.50	2,000	N	N	N	100	500	1.0
SB0627	65 8 40	164 8 20	1.5	.50	1.00	.50	500	N	N	N	50	300	1.5
SB0628	65 16 43	164 56 30	1.0	.30	.30	.20	200	N	N	N	30	300	1.0
SB0629	65 16 7	164 52 1	2.0	.70	.20	.50	300	N	N	N	70	500	1.0
SB0630	65 19 50	164 57 30	3.0	.70	.30	.50	200	N	N	N	70	700	1.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0586	N	N	10	50	5	N	N	N	50	10	N	7	N	<100
SB0587	N	N	7	70	70	N	N	N	50	20	N	7	N	300
SB0588	N	N	10	50	7	N	N	N	50	15	N	7	N	150
SB0589	N	N	20	70	15	50	N	N	30	30	N	15	N	200
SB0590	N	N	10	50	5	<20	N	N	20	20	N	10	N	300
SB0591	N	N	10	70	7	N	N	N	30	10	N	15	N	<100
SB0592	N	N	20	100	15	<20	N	<20	50	15	N	15	N	200
SB0593	N	N	10	50	<5	150	N	20	10	50	N	7	50	500
SB0594	N	N	20	100	10	50	N	N	15	20	N	10	N	300
SB0595	N	N	7	20	<5	70	N	20	7	50	N	5	10	500
SB0596	N	N	7	50	7	70	N	<20	10	50	N	10	10	500
SB0597	N	N	10	30	<5	100	N	20	7	50	N	7	20	500
SB0598	N	N	10	20	<5	70	N	30	5	70	N	7	30	500
SB0599	N	N	7	15	<5	70	N	20	<5	50	N	5	15	500
SB0600	N	N	15	70	7	100	N	<20	15	50	N	7	20	300
SB0601	N	N	10	70	5	100	N	<20	10	30	N	10	20	200
SB0602	N	N	7	70	5	100	N	20	10	70	N	7	30	200
SB0603	N	N	30	150	5	70	N	<20	50	10	N	10	<10	200
SB0604	N	N	10	70	5	50	N	N	15	30	N	10	20	200
SB0605	N	<20	20	50	15	70	7	30	50	15	N	10	50	100
SB0606	N	N	5	20	10	N	5	N	10	10	N	7	N	<100
SB0607	N	N	5	70	50	50	10	<20	15	30	N	7	10	100
SB0608	N	N	<5	30	20	50	15	<20	10	20	N	7	<10	100
SB0609	N	N	7	50	30	20	20	<20	20	20	N	7	10	150
SB0610	N	N	10	70	7	30	N	N	20	20	N	10	20	200
SB0611	N	N	10	50	70	N	15	<20	20	30	N	10	10	100
SB0612	N	N	20	100	10	50	N	N	30	30	N	10	N	100
SB0613	N	N	10	100	7	20	N	<20	20	20	N	10	N	100
SB0614	N	N	20	100	10	<20	N	N	50	30	N	10	N	200
SB0615	N	N	15	70	7	N	N	<20	20	15	N	10	N	150
SB0616	N	N	10	70	7	30	N	N	20	10	N	10	N	<100
SB0617	N	N	30	70	7	50	<5	<20	20	15	N	10	<10	<100
SB0618	N	N	70	70	7	70	N	N	50	15	N	10	N	100
SB0619	N	N	15	70	10	70	N	<20	30	20	N	10	150	100
SB0620	N	N	30	100	7	70	N	N	30	15	N	10	70	<100
SB0621	N	N	20	70	10	70	N	N	50	50	N	10	150	<100
SB0622	N	N	20	50	7	100	5	50	10	50	N	10	70	100
SB0623	N	N	20	100	20	150	<5	<20	50	30	N	15	15	<100
SB0624	N	N	20	70	10	100	N	N	20	20	N	10	N	<100
SB0625	N	N	15	50	15	70	5	N	30	30	N	15	50	<100
SB0626	N	N	30	150	20	70	N	N	70	50	N	15	<10	<100
SB0627	N	N	10	50	<5	70	N	<20	5	50	N	15	15	200
SB0628	N	N	N	20	5	N	N	N	5	<10	N	10	N	<100
SB0629	N	N	15	100	10	50	N	<20	20	20	N	10	N	<100
SB0630	N	N	20	100	15	50	N	N	30	30	N	15	N	100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0586	100	N	10	N	100	N	N	20	50	<.10	N	N
SB0587	70	N	10	N	100	N	N	10	40	.10	N	N
SB0588	100	N	15	N	100	N	N	15	55	.20	N	N
SB0589	100	N	30	N	200	N	N	10	65	.20	N	N
SB0590	70	N	20	N	150	N	N	5	35	.20	N	N
SB0591	100	N	20	N	100	N	N	5	60	.20	N	N
SB0592	150	N	30	N	100	N	N	<5	75	.30	N	N
SB0593	50	N	70	N	700	<100	--	<5	45	.10	--	N
SB0594	70	N	20	N	70	N	--	10	60	.20	--	N
SB0595	20	N	20	N	70	N	--	N	35	.10	--	N
SB0596	50	N	20	N	100	N	--	N	75	.30	--	N
SB0597	70	N	70	N	700	N	--	N	60	.10	--	N
SB0598	70	N	50	N	700	N	--	<5	60	.20	--	N
SB0599	30	N	30	N	500	N	--	<5	50	.20	--	N
SB0600	50	N	30	N	150	N	--	5	70	.30	--	N
SB0601	70	<50	50	N	100	N	--	<5	40	.30	--	N
SB0602	50	N	50	N	70	N	--	<5	40	.30	--	N
SB0603	50	N	50	N	100	N	--	5	75	.30	--	N
SB0604	20	N	20	N	50	N	--	<5	65	.30	--	N
SB0605	150	50	70	200	70	N	--	<5	260	3.10	--	N
SB0606	100	N	20	N	50	N	--	<5	80	.50	--	N
SB0607	150	N	50	N	50	N	--	<5	90	.50	--	N
SB0608	100	N	30	N	50	N	--	10	50	.30	--	N
SB0609	150	N	50	<200	50	N	--	N	95	.50	--	N
SB0610	70	N	50	N	50	N	--	N	35	.30	--	N
SB0611	150	N	30	<200	50	N	--	<5	140	.70	--	N
SB0612	100	N	30	N	100	N	--	5	60	.30	--	N
SB0613	70	N	30	N	200	N	--	N	50	.20	--	N
SB0614	70	N	30	N	70	N	--	N	65	.50	--	N
SB0615	70	<50	30	N	70	N	--	<5	35	.30	--	<2
SB0616	70	N	30	N	100	N	--	5	80	.40	--	2
SB0617	100	N	50	N	200	N	--	15	100	.10	--	N
SB0618	70	N	50	N	100	N	--	15	100	.70	--	N
SB0619	70	<50	30	N	200	N	--	<5	75	.40	--	N
SB0620	70	N	30	N	100	N	--	80	95	.70	--	N
SB0621	70	N	30	N	150	N	--	25	130	1.70	--	N
SB0622	50	50	50	N	500	N	--	20	65	.50	--	N
SB0623	70	N	50	N	150	N	--	20	110	.60	--	<2
SB0624	70	N	30	N	100	N	--	5	60	.10	--	<2
SB0625	100	N	30	N	150	N	--	20	140	1.20	--	2
SB0626	100	N	30	N	100	N	--	20	120	.60	--	N
SB0627	70	N	50	N	200	N	--	<5	30	<.10	--	N
SB0628	50	N	30	N	70	N	--	<5	35	.20	--	N
SB0629	70	N	30	N	100	N	--	5	85	.20	--	N
SB0630	100	N	50	N	100	N	--	15	85	.30	--	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB0631	65 21 52	164 56 1	3.0	.50	1.00	.70	700	N	N	N	70	200	<1.0
SB0632	65 23 40	164 57 1	3.0	1.00	.70	.50	500	N	N	N	100	300	1.0
SB0633	65 24 20	164 58 3	5.0	1.00	.70	.70	700	N	N	N	70	200	<1.0
SB0634	65 24 15	164 58 35	3.0	1.00	1.00	.50	300	N	N	N	70	300	1.0
SB0635	65 28 8	164 51 28	3.0	1.00	1.50	.50	500	N	N	N	100	500	1.0
SB0636	65 28 12	164 51 13	3.0	1.00	1.00	.50	500	N	N	N	100	300	1.0
SB0637	65 27 40	164 50 27	5.0	1.00	1.00	.50	700	N	N	N	100	500	1.0
SB0638	65 27 0	164 50 0	3.0	.50	.50	.50	500	N	N	N	70	300	<1.0
SB0639	65 27 8	164 48 58	3.0	.70	.30	.50	500	N	N	N	100	300	1.0
SB0640	65 25 31	164 49 57	2.0	.70	1.50	.30	1,000	N	N	N	100	700	1.0
SB0641	65 25 40	164 49 32	3.0	1.00	1.00	.50	500	N	N	N	100	500	1.5
SB0642	65 29 30	164 43 20	3.0	1.00	.50	.50	500	N	N	N	100	300	1.0
SB0643	65 28 25	164 38 40	2.0	.70	.15	.50	500	N	N	N	70	300	1.0
SB0644	65 27 48	164 40 28	2.0	1.00	.50	.50	700	N	N	N	70	300	1.0
SB0645	65 25 29	164 41 28	3.0	1.00	.70	.70	500	N	N	N	100	300	1.0
SB0646	65 43 44	164 1 33	2.0	1.00	1.00	.50	200	N	N	N	70	300	1.0
SB0647	65 43 53	164 1 6	2.0	1.00	2.00	.30	500	N	N	N	70	300	1.0
SB0648	65 44 50	164 2 15	2.0	1.00	3.00	.50	1,000	N	N	N	70	300	1.0
SB0649	65 42 3	164 8 20	2.0	1.50	3.00	.50	700	N	N	N	70	300	1.0
SB0650	65 42 25	164 8 50	1.5	1.50	5.00	.30	200	N	N	N	50	300	<1.0
SB0651	65 42 2	164 11 43	2.0	1.50	5.00	.50	1,500	N	N	N	70	300	1.0
SB0652	65 42 20	164 11 33	2.0	1.00	5.00	.50	200	N	N	N	50	300	<1.0
SB0653	65 41 53	164 13 10	2.0	1.00	3.00	.50	200	N	N	N	100	700	<1.0
SB0654	65 41 59	164 12 45	2.0	1.00	5.00	.30	200	N	N	N	70	500	<1.0
SB0655	64 41 13	164 14 33	2.0	1.00	5.00	.30	500	N	N	N	70	300	<1.0
SB0656	65 4 2	164 16 59	3.0	1.00	5.00	.50	300	N	N	N	70	500	<1.0
SB0657	65 38 31	164 18 23	2.0	.70	3.00	.50	150	<.5	N	N	70	700	<1.0
SB0658	65 37 57	164 17 13	2.0	.70	1.00	.50	300	<.5	N	N	100	700	1.0
SB0659	65 38 20	164 12 58	2.0	1.00	3.00	.50	200	N	N	N	70	300	<1.0
SB0660	65 37 59	164 12 47	2.0	.70	3.00	.50	200	N	N	N	70	1,000	<1.0
SB0661	65 37 32	164 13 3	2.0	1.50	5.00	.30	300	N	N	N	70	500	<1.0
SB0662	65 38 52	164 7 20	1.5	1.00	5.00	.30	200	N	N	N	70	700	<1.0
SB0663	65 39 53	164 7 40	3.0	1.00	7.00	.50	300	N	N	N	50	200	<1.0
SB0664	65 31 2	164 16 13	2.0	.70	2.00	.50	200	N	N	N	70	700	<1.0
SB0665	65 31 1	164 15 57	2.0	.70	2.00	.50	500	N	N	N	100	500	<1.0
SB0666	65 33 22	164 8 3	2.0	1.00	.70	.70	200	N	N	N	70	500	1.0
SB0667	65 36 12	164 6 42	2.0	1.00	.50	.70	100	N	N	N	50	200	<1.0
SB0668	65 33 53	164 1 1	1.5	.70	1.00	.50	150	N	N	N	50	300	<1.0
SB0669	65 34 45	164 19 16	1.5	.50	3.00	.20	150	N	N	N	50	500	<1.0
SB0670	65 32 13	164 19 18	1.5	.70	2.00	.30	150	N	N	N	70	300	<1.0
SB0671	65 33 51	164 25 15	2.0	.70	.70	.50	150	N	N	N	70	300	<1.0
SB0672	65 31 53	164 21 17	3.0	.70	.50	.50	300	N	N	N	100	700	1.0
SB0673	65 33 42	164 27 26	2.0	.70	.50	.50	300	N	N	N	70	700	1.0
SB0674	65 33 27	164 27 30	2.0	.70	.10	.50	200	N	N	N	100	500	1.0
SB0675	65 36 39	164 31 30	3.0	.70	1.00	.50	500	N	N	N	100	500	1.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0631	N	N	15	70	7	N	N	<20	15	20	N	15	N	<100
SB0632	N	N	20	100	15	50	N	<20	50	30	N	15	N	100
SB0633	N	N	20	100	10	20	N	<20	20	20	N	15	N	100
SB0634	N	N	15	100	10	30	N	<20	30	30	N	15	N	150
SB0635	N	N	15	100	20	30	N	<20	30	30	N	10	N	100
SB0636	N	N	20	100	15	20	N	<20	20	15	N	10	N	100
SB0637	N	N	20	150	20	50	N	<20	50	20	N	15	N	100
SB0638	N	N	10	50	7	N	N	<20	10	<10	N	10	N	100
SB0639	N	N	20	70	10	<20	N	<20	20	20	N	10	N	150
SB0640	N	N	20	70	20	70	N	<20	30	20	N	10	N	150
SB0641	N	N	20	100	20	50	N	N	30	30	N	10	<10	100
SB0642	N	N	20	100	30	50	N	<20	50	20	N	15	N	100
SB0643	N	N	20	70	15	30	N	<20	30	15	N	10	N	100
SB0644	N	N	20	100	20	50	N	<20	30	20	N	15	N	150
SB0645	N	N	20	100	20	50	N	20	50	20	N	15	N	150
SB0646	N	N	15	100	10	50	N	<20	30	15	N	10	N	150
SB0647	N	N	15	70	7	N	N	N	15	15	N	10	N	150
SB0648	N	N	15	100	10	<20	N	<20	20	15	N	10	N	200
SB0649	N	N	15	100	10	<20	N	N	20	15	N	10	N	200
SB0650	N	N	10	70	7	<20	N	N	15	10	N	7	N	200
SB0651	N	N	20	70	10	N	N	N	20	15	N	10	N	200
SB0652	N	N	20	70	10	<20	N	N	20	15	N	7	N	300
SB0653	N	N	15	100	200	50	5	N	30	20	N	10	N	200
SB0654	N	N	15	50	20	30	5	N	30	30	N	10	N	200
SB0655	N	N	15	50	15	20	N	N	20	30	N	10	N	200
SB0656	N	N	15	50	15	50	<5	<20	20	30	N	10	N	150
SB0657	N	N	15	50	20	20	7	<20	20	30	N	7	N	150
SB0658	N	N	20	70	20	20	5	<20	20	50	N	10	N	100
SB0659	N	N	10	50	10	N	N	N	10	30	N	7	N	150
SB0660	N	N	15	30	15	20	5	N	20	30	N	7	N	150
SB0661	N	N	15	70	15	20	N	N	15	30	N	7	N	200
SB0662	N	N	10	50	10	<20	<5	N	20	20	N	7	N	200
SB0663	N	N	15	70	10	<20	N	<20	20	30	N	7	N	200
SB0664	N	N	15	30	7	<20	N	<20	20	20	N	7	N	100
SB0665	N	N	10	50	5	N	N	<20	15	20	N	7	N	100
SB0666	N	N	15	70	7	50	N	<20	20	20	N	7	N	100
SB0667	N	N	15	50	5	N	N	<20	15	20	N	5	N	<100
SB0668	N	N	10	50	7	<20	5	N	10	15	N	5	N	100
SB0669	N	N	10	50	7	30	5	N	15	20	N	5	N	100
SB0670	N	N	10	30	7	N	N	N	15	10	N	5	N	100
SB0671	N	N	10	50	10	<20	N	<20	15	20	N	7	N	<100
SB0672	N	N	15	50	10	70	N	<20	20	30	N	10	N	<100
SB0673	N	N	10	30	7	30	<5	N	20	15	N	7	N	<100
SB0674	N	N	15	50	10	50	N	<20	20	20	N	7	N	<100
SB0675	N	N	15	50	10	70	N	N	20	30	N	10	N	<100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0631	100	N	30	N	100	N	--	10	40	.10	--	N
SB0632	100	N	50	N	100	N	--	<5	25	.10	--	N
SB0633	100	N	30	N	70	N	--	10	65	.10	--	N
SB0634	70	N	30	N	100	N	--	5	50	.20	--	N
SB0635	100	N	50	N	100	N	--	40	75	.30	--	15
SB0636	70	N	30	N	100	N	--	10	75	.20	--	7
SB0637	100	N	50	N	100	N	--	70	85	.30	--	50
SB0638	70	N	30	N	70	N	--	20	50	.10	--	13
SB0639	100	N	20	N	150	N	--	35	60	.10	--	5
SB0640	100	N	30	N	100	N	--	35	100	.80	--	35
SB0641	100	N	30	N	100	N	--	90	80	.30	--	40
SB0642	100	N	50	N	200	N	--	10	65	.20	--	N
SB0643	100	N	30	N	150	N	--	10	70	.10	--	N
SB0644	100	N	30	N	100	N	--	10	80	.20	--	N
SB0645	100	N	50	N	150	N	--	N	60	.10	--	N
SB0646	70	N	30	N	150	N	--	N	60	.20	--	N
SB0647	70	N	30	N	100	N	--	10	60	.10	--	N
SB0648	70	N	30	N	100	N	--	5	60	.10	--	N
SB0649	70	N	30	N	100	N	--	<5	70	.20	--	N
SB0650	50	N	20	N	50	N	--	5	50	.20	--	N
SB0651	70	N	20	N	50	N	--	10	65	.30	--	N
SB0652	50	N	20	N	50	N	--	<5	65	.40	--	N
SB0653	70	N	30	<200	70	N	--	10	75	.50	--	N
SB0654	70	N	20	N	70	N	--	10	60	.40	--	<2
SB0655	70	N	20	N	70	N	--	N	45	.20	--	N
SB0656	70	N	30	N	100	N	--	<5	55	.50	--	3
SB0657	70	N	30	N	100	N	--	100	70	.50	--	4
SB0658	100	N	30	N	100	N	--	5	65	.60	--	2
SB0659	50	N	20	N	100	N	--	N	35	.20	--	N
SB0660	70	N	30	N	100	N	--	5	55	.50	--	N
SB0661	70	N	20	N	50	N	--	10	55	.30	--	N
SB0662	50	N	50	N	100	N	--	5	50	.40	--	2
SB0663	50	N	20	N	100	N	--	<5	35	.20	--	N
SB0664	50	N	50	N	70	N	--	10	50	.30	--	N
SB0665	70	N	20	N	100	N	--	10	45	.20	--	N
SB0666	50	N	30	N	100	N	--	<5	40	.20	--	N
SB0667	50	N	20	N	70	N	--	<5	55	.20	--	N
SB0668	70	N	30	N	100	N	--	10	40	.30	--	N
SB0669	50	N	20	N	100	N	--	5	35	.40	--	N
SB0670	50	N	15	N	100	N	--	5	30	.30	--	<2
SB0671	50	N	30	N	100	N	--	5	35	.20	--	N
SB0672	50	N	30	N	100	N	--	5	60	.40	--	N
SB0673	50	N	20	N	100	N	--	10	55	.30	--	N
SB0674	70	N	30	N	100	N	--	5	70	.30	--	N
SB0675	70	N	30	N	100	N	--	5	75	.30	--	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB0676	65 36 40	164 31 40	3.0	1.00	1.50	.50	300	N	N	N	100	500	1.0
SB0677	65 37 35	164 27 17	2.0	.50	1.00	.50	200	<.5	N	N	70	500	<1.0
SB0678	65 37 40	164 27 1	2.0	.70	.30	.50	300	<.5	N	N	70	500	1.0
SB0679	65 37 4	164 28 22	2.0	.70	2.00	.50	200	N	N	N	70	500	1.0
SB0680	65 39 7	164 25 23	2.0	.70	.50	.50	200	N	N	N	100	500	1.0
SB0681	65 40 55	164 26 55	2.0	.70	2.00	.50	200	N	N	N	70	1,000	1.0
SB0682	65 38 59	164 30 45	2.0	1.00	1.00	.50	200	N	N	N	70	1,000	<1.0
SB0683	64 57 50	164 38 12	5.0	1.50	1.00	.70	700	<.5	N	N	100	300	1.0
SB0684	64 57 30	164 34 43	2.0	.70	3.00	.30	500	N	N	N	70	200	1.0
SB0685	64 55 50	164 37 1	1.0	1.00	20.00	.15	1,500	N	N	N	30	150	<1.0
SB0686	64 55 45	164 33 27	3.0	1.50	1.00	.30	500	N	N	N	70	300	1.0
SB0687	64 55 27	164 32 0	2.0	1.00	2.00	.30	500	N	N	N	100	300	1.0
SB0688	64 52 20	164 33 20	2.0	1.00	2.00	.30	300	N	N	N	70	200	1.0
SB0689	64 52 7	164 36 12	3.0	1.00	.70	.50	500	.5	N	N	100	700	1.0
SB0690	64 51 50	164 38 40	5.0	1.00	1.00	.70	500	N	N	N	100	200	<1.0
SB0691	64 48 40	164 30 5	3.0	1.00	1.00	.70	500	N	N	N	100	300	<1.0
SB0692	64 48 50	164 30 6	3.0	1.00	1.00	.70	500	N	N	N	100	300	<1.0
SB0693	64 49 20	164 31 45	5.0	1.00	1.00	1.00	700	N	N	N	100	300	<1.0
SB0694	64 53 57	164 42 54	5.0	1.00	1.00	.70	500	N	N	N	100	700	1.0
SB0695	64 53 52	164 42 55	5.0	1.00	1.00	.70	700	N	N	N	100	700	1.0
SB0696	64 53 35	164 42 57	5.0	1.00	1.50	1.00	500	<.5	N	N	100	700	1.0
SB0697	64 53 35	164 42 27	5.0	1.50	1.00	1.00	500	N	N	N	100	500	1.0
SB0698	64 53 12	164 41 50	5.0	1.50	.70	1.00	700	N	N	N	100	500	<1.0
SB0699	64 53 7	164 39 14	5.0	1.50	2.00	.50	700	N	N	N	100	500	1.0
SB0700	64 53 0	164 39 16	7.0	1.50	1.00	>1.00	1,000	N	N	N	100	500	<1.0
SB0701	64 51 45	164 46 29	5.0	1.50	1.00	1.00	300	N	N	N	100	500	<1.0
SB0702	64 50 57	164 44 35	5.0	1.50	1.00	>1.00	500	N	N	N	150	500	<1.0
SB0703	64 48 50	164 47 0	3.0	1.50	1.50	1.00	500	N	N	N	70	1,000	1.0
SB0704	64 54 29	164 51 30	5.0	1.50	1.50	1.00	700	N	N	N	100	1,000	<1.0
SB0705	64 54 10	164 51 0	7.0	1.50	1.50	1.00	700	N	N	N	100	200	<1.0
SB0706	64 54 37	164 55 5	5.0	1.00	.70	1.00	500	N	N	N	150	500	1.0
SB0707	64 54 50	164 48 47	7.0	1.00	1.00	1.00	700	N	N	N	70	500	<1.0
SB0708	64 55 7	164 43 14	5.0	1.00	.50	.70	700	N	N	N	100	500	1.0
SB0709	64 54 52	164 41 15	5.0	1.00	1.00	.70	500	N	N	N	100	300	1.0
SB0710	64 56 40	164 40 56	5.0	1.50	1.50	1.00	500	<.5	N	N	100	700	<1.0
SB0711	64 48 0	164 39 53	7.0	1.50	1.00	1.00	500	N	N	N	100	500	<1.0
SB0712	64 47 38	164 38 48	7.0	1.50	1.00	1.00	700	N	N	N	70	300	<1.0
SB0713	64 47 48	164 37 55	5.0	2.00	1.50	1.00	700	N	N	N	200	200	<1.0
SB0714	64 45 52	164 35 58	5.0	1.50	1.00	1.00	1,000	N	N	N	100	500	<1.0
SB0715	64 45 37	164 32 22	7.0	2.00	1.00	1.00	700	N	N	N	100	700	1.0
SB0716	64 43 50	164 32 37	5.0	1.00	1.50	1.00	700	N	N	N	100	300	<1.0
SB0717	64 43 58	164 37 45	5.0	1.50	.70	1.00	500	N	N	N	100	500	<1.0
SB0718	64 41 59	164 35 22	7.0	1.50	1.00	1.00	500	N	N	N	100	300	<1.0
SB0719	64 41 52	164 36 30	7.0	2.00	1.50	1.00	1,000	N	N	N	70	300	<1.0
SB0720	64 41 25	164 36 37	7.0	1.50	2.00	1.00	500	N	N	N	100	200	<1.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0676	N	N	15	70	10	70	N	N	20	20	N	10	N	100
SB0677	N	N	10	30	10	<20	<5	<20	20	20	N	7	N	<100
SB0678	N	N	10	30	15	20	N	<20	20	20	N	10	N	<100
SB0679	N	N	10	50	10	20	N	<20	20	20	N	7	N	150
SB0680	N	N	15	50	10	<20	N	<20	20	20	N	7	N	<100
SB0681	N	N	15	70	10	20	N	N	20	20	N	10	N	100
SB0682	N	N	15	50	15	100	N	N	20	20	N	10	N	<100
SB0683	N	N	30	100	20	50	N	20	30	30	N	15	N	100
SB0684	N	N	20	50	10	70	N	<20	20	30	N	10	N	200
SB0685	N	N	15	70	7	50	N	N	15	20	N	10	10	700
SB0686	N	N	30	150	15	50	N	N	50	30	N	20	<10	100
SB0687	N	N	15	70	10	30	N	<20	20	20	N	15	N	<100
SB0688	N	N	20	100	7	30	N	<20	20	15	N	15	N	100
SB0689	N	N	20	100	20	50	10	<20	50	20	N	15	N	<100
SB0690	N	N	30	150	20	50	N	<20	20	30	N	20	N	150
SB0691	N	N	20	100	20	30	N	<20	20	15	N	20	N	150
SB0692	N	N	20	100	20	50	<5	<20	20	20	N	20	N	100
SB0693	N	N	20	100	20	70	N	<20	30	20	N	20	N	100
SB0694	N	N	20	100	20	50	N	<20	20	20	N	20	N	150
SB0695	N	N	30	100	30	50	<5	<20	50	20	N	20	N	150
SB0696	N	N	20	100	30	50	<5	<20	30	20	N	15	N	100
SB0697	N	N	20	100	20	50	<5	<20	30	20	N	15	N	100
SB0698	N	N	30	100	20	70	N	20	30	20	N	20	N	150
SB0699	N	N	20	70	20	70	N	<20	30	30	N	15	N	200
SB0700	N	N	20	100	30	70	N	<20	50	30	N	20	N	150
SB0701	N	N	30	100	20	50	5	<20	50	20	N	15	N	100
SB0702	N	N	30	100	20	70	N	20	50	50	N	20	N	150
SB0703	N	N	20	100	20	50	5	20	50	30	N	15	N	150
SB0704	N	N	30	100	20	50	N	<20	50	30	N	20	N	150
SB0705	N	N	30	100	20	50	N	20	30	20	N	20	N	200
SB0706	N	N	30	100	15	100	N	20	50	50	N	15	N	100
SB0707	N	N	30	70	20	50	N	20	30	30	N	15	N	150
SB0708	N	N	30	100	15	50	N	<20	50	30	N	15	N	100
SB0709	N	N	30	150	15	70	N	<20	70	30	N	20	N	100
SB0710	N	N	30	100	20	50	<5	20	50	30	N	20	N	100
SB0711	N	N	30	100	20	50	N	20	50	50	N	15	N	150
SB0712	N	N	30	100	50	50	N	20	50	30	N	20	N	150
SB0713	N	N	30	100	10	<20	N	<20	20	20	N	20	N	200
SB0714	N	N	30	70	20	20	5	30	20	20	N	20	N	200
SB0715	N	N	30	150	20	50	N	<20	50	30	N	20	N	150
SB0716	N	N	20	100	10	50	N	20	20	20	N	20	N	200
SB0717	N	N	20	100	10	<20	N	20	20	20	N	10	N	100
SB0718	N	N	30	100	20	50	N	<20	50	30	N	20	N	150
SB0719	N	N	30	100	30	30	N	<20	30	20	N	20	N	200
SB0720	N	N	30	150	20	50	N	<20	30	20	N	15	N	300

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0676	70	N	30	N	100	N	--	5	75	.40	--	N
SB0677	70	N	20	N	70	N	--	5	45	.40	--	N
SB0678	70	N	20	N	100	N	--	<5	40	.30	--	N
SB0679	70	N	20	N	100	N	--	5	65	.40	--	N
SB0680	50	N	30	N	100	N	--	5	50	.30	--	N
SB0681	70	N	30	N	70	N	--	5	75	.50	--	N
SB0682	50	N	50	N	100	N	--	10	65	.30	--	N
SB0683	100	N	50	N	100	N	--	15	80	.40	--	3
SB0684	50	N	30	N	100	N	--	15	40	.20	--	5
SB0685	30	N	20	N	70	N	--	25	30	.30	--	3
SB0686	70	N	30	N	100	N	--	10	60	.30	--	3
SB0687	70	N	50	N	100	N	--	10	55	.40	--	3
SB0688	70	N	20	N	100	N	--	15	60	.20	--	<2
SB0689	100	N	30	<200	100	N	--	20	130	1.30	--	5
SB0690	100	N	30	N	100	N	--	15	85	.20	--	N
SB0691	100	N	30	N	70	N	--	10	55	.20	--	2
SB0692	100	N	30	N	100	N	--	10	65	.40	--	3
SB0693	100	N	30	N	70	N	--	10	80	.30	--	3
SB0694	100	N	30	N	100	N	--	15	120	.60	--	N
SB0695	100	N	30	<200	100	N	--	15	120	.60	--	2
SB0696	70	N	30	N	100	N	--	10	85	.40	--	2
SB0697	100	N	30	N	70	N	--	15	95	.40	--	4
SB0698	100	N	50	N	100	N	--	15	95	.20	--	<2
SB0699	70	N	50	N	100	N	--	25	75	.80	--	11
SB0700	150	N	50	N	100	N	--	20	85	.40	--	3
SB0701	70	N	30	N	100	N	--	10	90	.40	--	<2
SB0702	70	N	50	N	100	N	--	10	100	.30	--	2
SB0703	100	N	30	N	70	N	--	10	110	.70	--	5
SB0704	100	N	50	N	100	N	--	10	90	.40	--	N
SB0705	100	N	50	N	70	N	--	<5	80	.30	--	<2
SB0706	70	N	70	N	100	N	--	30	90	.40	--	2
SB0707	70	N	70	N	100	N	--	10	70	.40	--	3
SB0708	70	N	50	N	100	N	--	5	75	.40	--	15
SB0709	100	N	50	N	100	N	--	10	50	.20	--	2
SB0710	100	N	50	N	70	N	--	5	65	.40	--	3
SB0711	100	N	50	N	100	N	--	5	90	.30	--	2
SB0712	100	N	50	N	70	N	--	10	100	.50	--	N
SB0713	100	N	50	<200	70	N	--	<5	55	<.10	--	N
SB0714	100	N	50	N	100	N	--	5	100	.70	--	N
SB0715	100	N	50	<200	70	N	--	15	100	.30	--	3
SB0716	100	N	50	N	100	N	--	5	65	.20	--	N
SB0717	100	N	30	N	70	N	--	<5	70	.50	--	N
SB0718	100	N	50	N	100	N	--	5	90	.20	--	N
SB0719	100	N	50	N	100	N	--	5	90	.20	--	N
SB0720	100	N	50	N	70	N	--	10	65	.20	--	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB0721	64 38 17	164 31 57	5.0	1.00	1.00	1.00	500	N	N	N	100	300	<1.0
SB0722	64 38 55	164 34 40	5.0	1.50	1.00	1.00	500	N	N	N	100	300	<1.0
SB0723	64 37 7	164 35 56	5.0	1.00	1.00	1.00	700	N	N	N	70	300	<1.0
SB0724	64 36 53	164 39 59	7.0	1.00	2.00	1.00	1,000	N	N	N	100	200	N
SB0725	64 38 52	164 39 35	7.0	1.50	1.50	1.00	700	N	N	N	70	300	<1.0
SB0726	64 37 25	164 45 58	7.0	1.00	1.00	1.00	500	N	N	N	100	200	<1.0
SB0727	64 38 38	164 43 7	5.0	1.50	1.50	.70	500	N	N	N	70	200	<1.0
SB0728	64 38 23	164 48 59	5.0	1.00	1.00	.50	500	N	N	N	50	200	<1.0
SB0729	64 37 20	164 55 0	3.0	1.50	2.00	.70	1,000	N	N	N	70	1,000	<1.0
SB0730	64 40 33	164 42 25	5.0	1.50	1.00	.50	500	N	N	N	70	200	1.0
SB0731	64 40 23	164 41 50	5.0	1.50	1.00	.50	500	N	N	N	70	200	<1.0
SB0732	64 41 10	164 47 47	5.0	1.50	1.00	.50	500	N	N	N	70	200	1.0
SB0733	64 41 25	164 52 40	5.0	1.50	1.50	.50	500	N	N	N	70	200	<1.0
SB0734	64 40 56	164 54 28	10.0	1.50	2.00	1.00	700	N	N	N	70	200	<1.0
SB0735	64 42 5	164 54 55	7.0	1.50	1.50	1.00	500	N	N	N	70	200	<1.0
SB0736	64 44 30	164 55 58	5.0	1.50	1.00	.70	500	N	N	N	70	300	1.0
SB0737	64 46 5	164 58 43	5.0	1.50	3.00	.70	500	N	N	N	100	300	<1.0
SB0738	64 47 35	164 54 13	5.0	1.50	2.00	.50	300	N	N	N	70	300	1.0
SB0739	64 47 37	164 51 7	5.0	1.50	2.00	.70	500	<.5	N	N	70	700	1.0
SB0740	64 47 4	164 50 43	5.0	1.50	2.00	.70	300	N	N	N	70	500	1.0
SB0741	64 45 44	164 46 0	5.0	1.50	2.00	.70	300	N	N	N	100	300	1.0
SB0742	64 45 52	164 45 30	5.0	2.00	2.00	>1.00	500	<.5	N	N	70	300	<1.0
SB0743	64 45 7	164 44 30	2.0	1.50	2.00	.30	300	N	N	N	70	300	1.0
SB0744	64 44 38	164 47 7	2.0	1.50	3.00	.50	300	<.5	N	N	70	500	1.0
SB0745	64 43 40	164 44 22	3.0	2.00	1.50	.50	500	N	N	N	70	300	1.0
SB0746	64 34 14	163 40 13	2.0	.50	1.50	.30	500	N	500	N	70	200	1.0
SB0747	64 34 13	163 38 56	2.0	.50	.15	.50	300	N	N	N	70	200	1.0
SB0748	64 35 12	163 32 22	1.0	.70	.20	.50	200	N	N	N	100	300	1.0
SB0749	64 35 23	163 34 30	2.0	1.00	.10	.50	300	N	N	N	100	300	1.0
SB0750	64 36 7	163 35 30	3.0	1.00	.10	.50	300	N	N	N	100	300	1.0
SB0751	64 36 44	163 36 23	3.0	.70	.15	.50	200	N	N	N	100	200	1.0
SB0752	64 38 0	164 39 22	3.0	1.00	.15	.50	300	N	N	N	70	300	1.0
SB0753	64 38 43	163 39 23	3.0	.70	.10	.50	200	N	N	N	100	300	1.0
SB0754	64 39 4	163 39 44	2.0	1.00	.10	.70	300	N	N	N	70	200	1.0
SB0755	64 40 42	163 43 15	3.0	.70	.10	.70	300	N	N	N	100	200	1.0
SB0756	64 40 58	163 44 59	2.0	.70	.05	.50	300	N	N	N	100	200	1.0
SB0757	64 40 28	163 15 18	3.0	.70	.05	.50	200	N	N	N	100	300	1.0
SB0758	64 42 38	163 44 20	2.0	1.00	.05	.50	300	N	N	N	70	300	1.0
SB0759	64 42 53	163 42 59	3.0	1.00	1.00	.50	1,000	N	N	N	100	300	1.0
SB0760	64 43 38	163 39 30	5.0	1.00	1.00	.50	1,000	N	N	N	50	200	1.0
SB0761	64 52 20	163 34 30	2.0	1.00	2.00	.50	200	N	N	N	50	200	<1.0
SB0762	64 51 23	163 32 25	1.5	.70	5.00	.20	200	N	N	N	70	150	<1.0
SB0763	64 45 55	163 36 30	3.0	1.00	1.00	.70	300	N	N	N	70	300	<1.0
SB0764	64 46 23	163 42 13	5.0	1.50	1.00	.70	500	N	N	N	70	300	<1.0
SB0765	64 56 30	164 10 40	2.0	.70	2.00	.30	300	N	N	N	50	200	1.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0721	N	N	20	70	15	30	N	<20	20	15	N	15	N	100
SB0722	N	N	30	100	20	50	N	<20	30	30	N	20	N	200
SB0723	N	N	20	100	10	30	N	<20	20	20	N	15	N	200
SB0724	N	N	20	100	5	50	N	<20	15	20	N	20	N	200
SB0725	N	N	30	100	30	50	N	<20	50	20	N	20	N	200
SB0726	N	N	20	100	20	50	N	<20	20	30	N	15	N	200
SB0727	N	N	20	100	20	50	N	N	30	20	N	15	N	200
SB0728	N	N	20	100	20	50	N	<20	30	30	N	20	N	200
SB0729	N	N	20	100	20	30	N	<20	30	30	N	15	N	200
SB0730	N	N	20	100	20	50	N	<20	50	50	N	20	N	200
SB0731	N	N	20	100	20	50	N	<20	50	30	N	15	N	200
SB0732	N	N	20	100	15	50	N	<20	50	30	N	15	N	200
SB0733	N	N	20	100	20	50	N	<20	50	50	N	15	N	200
SB0734	N	N	20	100	20	70	N	20	50	50	N	20	N	200
SB0735	N	N	20	100	20	50	N	<20	50	30	N	20	N	200
SB0736	N	N	20	100	20	50	N	<20	50	30	N	20	N	150
SB0737	N	N	20	100	15	50	N	<20	50	20	N	10	N	200
SB0738	N	N	20	100	20	30	N	<20	50	20	N	10	N	150
SB0739	N	N	20	70	20	30	7	20	50	20	N	10	N	150
SB0740	N	N	20	100	20	30	7	<20	50	20	N	10	N	200
SB0741	N	N	20	100	20	50	N	<20	50	20	N	10	N	200
SB0742	N	N	20	100	20	50	5	20	50	20	N	15	N	200
SB0743	N	N	20	100	15	N	N	<20	30	15	N	15	N	200
SB0744	N	N	20	70	20	<20	7	<20	50	15	N	10	N	300
SB0745	N	N	20	100	20	<20	N	N	50	20	N	15	N	150
SB0746	N	N	15	50	10	20	<5	N	30	50	N	10	N	100
SB0747	N	N	15	70	10	N	N	<20	30	20	N	10	N	<100
SB0748	N	N	7	50	5	20	N	<20	15	15	N	7	N	100
SB0749	N	N	15	50	<5	N	N	<20	20	10	N	7	N	<100
SB0750	N	N	15	70	5	N	N	<20	20	15	N	10	N	<100
SB0751	N	N	10	70	5	N	N	<20	20	15	N	10	N	<100
SB0752	N	N	15	70	15	20	N	<20	30	15	N	10	N	N
SB0753	N	N	10	70	7	<20	N	<20	30	15	N	10	N	<100
SB0754	N	N	15	70	7	N	N	<20	20	15	N	7	N	<100
SB0755	N	N	20	70	10	50	N	<20	30	15	N	10	N	<100
SB0756	N	N	20	100	7	20	N	<20	20	20	N	10	N	100
SB0757	N	N	15	100	7	<20	N	<20	20	20	N	10	N	100
SB0758	N	N	20	70	7	N	<5	<20	20	10	N	10	N	<100
SB0759	N	N	30	100	10	20	N	<20	20	20	N	20	N	150
SB0760	N	N	20	100	10	<20	N	<20	20	20	N	15	N	200
SB0761	N	N	15	70	10	N	N	<20	20	10	N	5	N	100
SB0762	N	N	10	50	7	<20	N	N	15	15	N	7	N	150
SB0763	N	N	15	70	5	N	N	20	20	10	N	7	N	150
SB0764	N	N	30	100	10	20	N	<20	50	20	N	20	N	150
SB0765	N	N	10	50	7	20	N	<20	15	30	N	7	N	100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0721	70	N	30	N	100	N	--	10	55	.20	--	N
SB0722	70	N	50	N	70	N	--	<5	70	.20	--	N
SB0723	70	N	30	N	70	N	--	N	50	.20	--	N
SB0724	100	N	50	N	100	N	--	N	35	.20	--	N
SB0725	100	N	50	N	70	N	--	<5	75	.20	--	N
SB0726	70	N	50	N	70	N	--	N	40	.10	--	N
SB0727	70	N	50	N	70	N	--	N	55	.10	--	N
SB0728	100	N	50	N	70	N	--	N	70	.20	--	N
SB0729	100	N	30	N	70	N	--	N	70	.50	--	N
SB0730	70	N	50	N	100	N	--	N	75	.20	--	N
SB0731	70	N	30	N	100	N	--	N	70	.20	--	N
SB0732	100	N	30	N	100	N	--	N	65	.20	--	N
SB0733	100	N	30	N	100	N	--	N	55	.20	--	N
SB0734	100	N	70	N	100	N	--	N	70	.20	--	N
SB0735	100	N	50	N	70	N	--	N	70	.20	--	N
SB0736	100	N	50	N	100	N	--	N	80	.10	--	<2
SB0737	100	N	30	N	50	N	--	<5	75	.20	--	N
SB0738	70	N	20	N	70	N	--	<5	75	.20	--	<2
SB0739	100	N	20	N	70	N	--	10	90	.60	--	<2
SB0740	100	N	20	N	70	N	--	5	95	.60	--	N
SB0741	100	N	20	N	50	N	--	N	80	.20	--	N
SB0742	100	N	50	N	70	N	--	5	100	.60	--	N
SB0743	70	N	20	N	70	N	N	5	70	.20	--	N
SB0744	70	N	30	N	70	N	N	10	160	1.80	--	<2
SB0745	100	N	20	N	50	N	N	5	80	.40	--	N
SB0746	50	<50	30	N	70	N	.10	720	50	.30	--	18
SB0747	70	N	20	N	70	N	<.05	30	90	.40	--	3
SB0748	50	N	30	N	100	N	<.05	N	50	.20	--	N
SB0749	50	N	20	N	100	N	.55	N	90	.50	--	N
SB0750	50	N	20	N	100	N	N	5	95	.40	--	<2
SB0751	50	N	20	N	100	N	N	15	110	.40	--	<2
SB0752	70	N	30	N	100	N	N	110	110	.60	--	<2
SB0753	70	<50	20	N	70	N	<.05	120	95	.50	--	N
SB0754	50	N	30	N	70	N	N	25	75	.50	--	N
SB0755	70	N	30	N	100	N	N	10	90	.60	--	N
SB0756	70	N	30	N	100	N	N	5	80	.30	--	N
SB0757	70	N	20	N	100	N	N	<5	85	.30	--	N
SB0758	70	N	20	N	100	N	N	5	90	.60	--	N
SB0759	70	N	50	N	70	N	N	<5	65	.60	--	N
SB0760	70	N	30	N	50	N	N	10	70	.40	--	N
SB0761	50	N	15	N	30	N	N	5	55	.30	--	N
SB0762	50	N	20	N	50	N	N	<2	85	.40	--	N
SB0763	70	N	20	N	50	N	N	N	55	.20	--	N
SB0764	100	N	30	N	50	N	N	N	80	.20	--	N
SB0765	50	N	30	N	50	N	N	5	65	.30	--	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB0766	64 56 39	164 13 23	1.5	5.00	15.00	.10	300	N	N	N	20	100	<1.0
SB0767	64 57 38	164 13 57	2.0	1.00	10.00	.15	700	N	N	N	50	200	1.0
SB0768	64 57 20	164 13 0	1.0	1.00	5.00	.15	200	N	N	N	30	200	1.0
SB0769	65 36 45	164 33 20	2.0	1.00	2.00	.20	500	N	N	N	70	300	1.0
SB0770	65 38 5	164 34 55	2.0	2.00	5.00	.20	500	N	N	N	50	200	1.0
SB0771	65 36 45	164 34 50	2.0	.70	1.50	.30	300	N	N	N	70	300	1.0
SB0772	65 36 20	164 37 35	3.0	.70	.05	.30	500	N	N	N	100	300	1.0
SB0773	65 36 1	164 37 25	2.0	.50	1.00	.20	500	N	N	N	70	200	1.0
SB0774	65 36 1	164 39 40	5.0	1.00	.20	.50	700	N	N	N	100	500	1.0
SB0775	65 36 7	164 41 35	3.0	1.00	.50	.50	500	N	N	N	100	500	1.0
SB0776	65 36 51	164 46 50	5.0	1.00	.50	.70	500	N	N	N	100	300	1.0
SB0777	65 37 40	164 46 52	3.0	1.00	.15	.50	500	N	N	N	70	500	1.0
SB0778	65 37 58	164 48 31	3.0	.70	.30	.50	500	N	N	N	100	300	1.0
SB0779	65 41 7	164 48 59	2.0	.70	.15	.50	300	N	N	N	70	300	1.0
SB0780	65 41 25	164 47 52	2.0	.70	.10	.30	500	N	N	N	70	200	1.0
SB0781	65 41 39	164 44 49	2.0	1.00	.10	.30	300	N	N	N	70	200	1.0
SB0782	65 41 30	164 44 20	2.0	.70	.15	.30	300	N	N	N	70	300	1.0
SB0783	65 41 35	164 40 37	2.0	.70	.10	.30	500	N	N	N	70	500	1.0
SB0784	65 41 10	164 40 35	2.0	.70	.30	.30	700	N	N	N	100	200	1.0
SB0785	65 41 37	164 35 25	2.0	.50	3.00	.30	500	N	N	N	70	200	1.0
SB0786	65 41 44	164 34 58	1.5	.70	5.00	.20	500	N	N	N	50	200	1.0
SB0787	65 42 25	164 35 40	3.0	1.00	.07	.50	500	N	N	N	100	300	1.0
SB0788	65 43 44	164 31 32	3.0	1.00	2.00	.70	500	N	N	N	100	500	1.0
SB0789	65 44 13	164 46 3	3.0	.70	.07	.70	300	N	N	N	100	500	1.0
SB0790	65 44 50	164 43 17	3.0	.50	.05	.50	500	N	N	N	70	500	1.0
SB0791	65 45 20	164 47 10	3.0	1.00	.07	.50	300	N	N	N	70	500	1.0
SB0792	65 45 30	164 46 44	3.0	.70	.07	.50	300	N	N	N	70	500	1.0
SB0793	65 44 36	164 49 7	2.0	.70	.07	.50	300	N	N	N	100	500	1.0
SB0794	65 44 36	164 50 30	3.0	.70	.05	.70	700	<.5	N	N	100	1,000	1.0
SB0795	65 43 53	164 53 20	3.0	.70	.05	.50	200	N	N	N	100	300	1.0
SB0796	65 43 22	164 59 25	3.0	.70	.20	.50	1,500	N	N	N	100	300	1.0
SB0797	65 42 20	164 59 31	3.0	.70	.20	.70	500	N	N	N	100	300	1.0
SB0798	65 38 35	164 54 45	5.0	1.00	.20	.50	500	N	N	N	100	300	<1.0
SB0799	65 36 9	164 51 22	5.0	.70	1.00	.50	1,000	N	N	N	70	200	<1.0
SB0800	65 30 22	164 33 28	1.5	.50	.10	.20	200	<.5	N	N	70	200	1.0
SB0801	65 31 7	164 42 38	3.0	1.00	.50	.50	300	N	N	N	70	300	1.0
SB0802	65 31 0	164 41 55	5.0	1.00	.70	.70	1,000	N	N	N	100	200	1.0
SB0803	65 33 55	164 48 54	3.0	1.00	.50	.70	1,000	N	N	N	100	200	1.0
SB0804	65 32 54	164 43 44	5.0	.70	.50	.50	1,000	N	N	N	100	500	1.0
SB0805	65 33 55	164 49 20	3.0	1.00	.70	.70	500	N	N	N	70	300	1.0
SB0806	65 33 10	164 53 40	5.0	.70	.30	.70	1,000	N	N	N	100	300	1.0
SB0807	65 30 37	164 55 5	3.0	.70	1.00	.70	700	N	N	N	100	500	1.0
SB0808	65 30 44	164 55 14	3.0	1.00	.70	.70	500	N	N	N	70	500	1.0
SB0809	65 32 27	164 54 31	5.0	1.00	.70	.70	700	N	N	N	100	700	1.0
SB0810	65 33 22	164 59 35	5.0	1.00	.30	.70	500	N	N	N	70	500	1.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0766	N	N	10	50	5	N	N	N	10	15	N	5	N	150
SB0767	N	N	15	70	10	<20	N	N	20	20	N	7	N	100
SB0768	N	N	10	50	7	<20	N	N	10	10	N	5	N	<100
SB0769	N	N	20	70	15	100	N	<20	30	30	N	7	N	100
SB0770	N	N	15	50	10	<20	N	N	20	20	N	7	N	100
SB0771	N	N	20	70	10	100	N	N	30	20	N	10	N	100
SB0772	N	N	30	100	15	70	N	<20	30	30	N	15	N	<100
SB0773	N	N	10	50	10	50	N	N	15	20	N	7	N	<100
SB0774	N	N	30	100	20	100	N	<20	30	50	N	15	N	100
SB0775	N	N	20	100	10	70	N	<20	20	20	N	7	N	100
SB0776	N	N	30	100	10	50	N	<20	20	20	N	10	N	100
SB0777	N	N	20	100	10	70	N	<20	20	20	N	7	N	<100
SB0778	N	N	20	100	10	70	<5	<20	30	20	N	7	N	<100
SB0779	N	N	20	70	10	100	N	<20	20	20	N	7	N	100
SB0780	N	N	20	100	7	50	N	<20	20	15	N	5	N	N
SB0781	N	N	15	70	7	30	N	<20	20	15	N	5	N	N
SB0782	N	N	15	70	7	50	N	<20	20	10	N	5	N	N
SB0783	N	N	20	70	10	70	5	<20	50	10	N	7	N	N
SB0784	N	N	20	100	10	50	N	N	20	20	N	7	N	<100
SB0785	N	N	10	70	7	N	N	N	20	15	N	7	N	100
SB0786	N	N	15	70	7	<20	N	N	10	10	N	7	N	100
SB0787	N	N	20	100	10	50	N	<20	20	20	N	10	N	<100
SB0788	N	N	15	100	10	50	N	<20	20	20	N	10	N	100
SB0789	N	N	20	100	15	50	<5	<20	30	15	N	10	N	N
SB0790	N	N	15	70	7	50	<5	N	20	10	N	7	N	N
SB0791	N	N	20	70	10	50	N	N	20	20	N	7	N	N
SB0792	N	N	15	70	7	50	<5	N	20	10	N	7	N	N
SB0793	N	N	15	100	5	50	N	N	20	15	N	7	N	<100
SB0794	N	N	30	70	50	70	5	<20	30	20	N	7	N	N
SB0795	N	N	15	100	20	50	N	<20	20	10	N	7	N	<100
SB0796	N	N	30	100	10	50	N	<20	30	15	N	10	N	<100
SB0797	N	N	20	100	10	30	N	<20	20	20	N	10	N	100
SB0798	N	N	20	100	10	50	N	<20	20	15	N	10	N	<100
SB0799	N	N	20	70	10	N	N	<20	15	15	N	20	N	150
SB0800	N	N	10	50	5	50	N	N	10	10	N	7	N	<100
SB0801	N	N	20	100	15	<20	N	<20	30	20	N	10	N	100
SB0802	N	N	15	100	10	N	N	<20	20	15	N	15	N	150
SB0803	N	N	20	100	15	N	N	<20	30	20	N	15	N	100
SB0804	N	N	20	100	20	50	N	<20	50	30	N	15	N	100
SB0805	N	N	20	100	15	20	N	<20	30	20	N	15	N	100
SB0806	N	N	20	100	20	50	N	<20	30	20	N	15	N	100
SB0807	N	N	20	100	20	<20	N	<20	30	20	N	15	N	100
SB0808	N	N	20	70	15	N	N	<20	20	20	N	10	N	100
SB0809	N	N	20	100	30	20	<5	<20	30	20	N	15	N	100
SB0810	N	N	20	100	20	<20	N	20	20	20	N	10	N	<100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0766	20	N	15	N	30	N	N	<2	35	.30	--	N
SB0767	30	N	20	N	50	N	N	10	100	.60	--	<2
SB0768	30	N	20	N	30	N	N	5	70	.50	--	N
SB0769	70	N	30	N	100	N	--	15	80	.30	--	2
SB0770	70	N	30	N	50	N	--	20	60	.20	--	N
SB0771	100	N	30	N	70	N	--	10	75	.20	--	2
SB0772	100	N	50	N	100	N	--	10	350	.20	--	N
SB0773	70	N	20	N	70	N	--	10	50	.20	--	N
SB0774	100	N	50	N	100	N	--	20	120	.20	--	<2
SB0775	70	N	50	N	100	N	--	15	95	.20	--	N
SB0776	100	N	50	N	100	N	--	5	60	.10	--	N
SB0777	100	N	50	N	100	N	--	10	110	.20	--	N
SB0778	100	N	50	N	150	N	--	10	60	.20	--	N
SB0779	70	N	30	N	100	N	--	10	60	.20	--	N
SB0780	70	N	50	N	150	N	--	10	60	.20	--	N
SB0781	70	N	30	N	100	N	--	10	60	.10	--	N
SB0782	70	N	30	N	150	N	--	5	60	.20	--	N
SB0783	100	N	30	N	100	N	--	5	50	1.10	--	2
SB0784	70	N	50	N	100	N	--	5	70	.20	--	N
SB0785	70	N	20	N	70	N	--	40	70	.30	--	N
SB0786	50	N	20	N	70	N	--	40	85	.40	--	3
SB0787	70	N	30	N	100	N	--	5	110	.60	--	2
SB0788	70	N	30	N	100	N	--	10	70	.20	--	3
SB0789	100	N	30	N	100	N	--	5	100	.40	--	<2
SB0790	100	N	30	N	100	N	--	5	50	.40	--	N
SB0791	70	N	20	N	70	N	--	10	65	.20	--	N
SB0792	70	N	30	N	100	N	--	5	70	.20	--	<2
SB0793	70	N	30	N	100	N	--	5	70	.10	--	N
SB0794	100	N	50	N	200	N	--	20	95	.60	--	2
SB0795	100	N	50	N	200	N	--	10	80	1.40	--	N
SB0796	100	N	30	N	100	N	--	15	90	1.10	--	N
SB0797	100	N	20	N	200	N	--	50	65	.10	--	N
SB0798	100	N	30	N	100	N	--	20	70	.20	--	7
SB0799	70	N	70	<200	50	N	--	5	60	.10	--	N
SB0800	50	N	30	N	50	N	--	<5	55	.10	--	N
SB0801	70	N	20	<200	50	N	--	<5	90	.20	--	N
SB0802	70	N	20	<200	50	N	--	<5	65	.10	--	N
SB0803	70	N	20	<200	70	N	--	5	80	.10	--	N
SB0804	70	N	30	<200	70	N	--	5	210	.30	--	2
SB0805	70	N	20	N	70	N	--	N	80	.10	--	N
SB0806	70	N	30	N	100	N	--	<5	100	.10	--	N
SB0807	70	N	20	N	70	N	--	<5	240	.60	--	N
SB0808	70	N	20	<200	70	N	--	N	90	.80	--	N
SB0809	100	N	20	<200	100	N	--	<5	150	.50	--	N
SB0810	70	N	20	N	100	N	--	N	90	.10	--	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB0811	65 35 59	164 59 32	3.0	1.00	1.00	.70	500	N	N	N	100	500	1.0
SB0812	65 46 36	164 43 7	2.0	1.00	.05	.50	500	N	N	N	100	300	1.0
SB0813	65 46 46	164 43 0	3.0	1.00	.07	.50	500	N	N	N	70	500	1.0
SB0814	65 47 48	164 47 15	3.0	.70	.15	.70	1,500	N	N	N	100	500	1.0
SB0815	65 48 37	164 48 50	2.0	.70	.10	.70	300	N	N	N	100	300	1.0
SB0816	65 47 37	164 31 30	3.0	1.00	.05	.50	300	N	N	N	100	300	1.0
SB0817	65 48 20	164 38 18	2.0	1.50	.15	.50	500	N	N	N	100	500	1.0
SB0818	65 50 7	164 38 39	2.0	1.00	.15	.50	300	.5	N	N	100	500	1.5
SB0819	65 49 20	164 45 32	2.0	1.00	.10	.50	700	N	N	N	100	300	1.0
SB0820	65 49 3	164 45 35	2.0	1.00	.15	.50	500	N	N	N	100	300	1.0
SB0821	65 50 25	164 40 29	2.0	1.00	.70	.50	500	N	N	N	70	200	2.0
SB0822	65 51 10	164 43 10	2.0	.70	.50	.50	700	N	N	N	70	300	2.0
SB0823	65 49 53	164 48 28	2.0	.70	.10	.70	500	N	N	N	100	300	1.0
SB0824	65 49 57	164 51 10	1.5	.50	.10	.30	200	N	N	N	100	200	1.0
SB0825	65 47 5	164 53 45	3.0	1.00	.10	.50	700	N	N	N	100	300	<1.0
SB0826	65 51 20	164 53 43	2.0	.50	.15	.50	150	N	N	N	70	200	1.0
SB0827	65 47 55	164 59 29	2.0	.70	.10	.50	200	N	N	N	70	300	1.0
SB0828	65 54 40	164 48 4	2.0	.70	.10	.70	300	N	N	N	200	500	1.5
SB0829	65 55 40	164 43 40	1.5	.50	.70	.50	300	N	N	N	70	500	1.5
SB0830	65 55 20	164 43 50	1.5	.50	.50	.50	300	N	N	N	70	500	1.5
SB0831	65 58 40	164 42 18	2.0	.50	.10	.30	200	N	N	N	50	500	1.5
SB0832	65 58 35	164 42 20	2.0	.30	.20	.50	700	N	N	N	100	500	7.0
SB0833	65 59 33	164 31 58	3.0	.70	.07	.50	1,000	N	N	N	100	300	1.0
SB0834	65 59 49	164 32 33	1.5	.30	.07	.50	150	N	N	N	70	300	1.5
SB0835	65 45 12	164 36 2	5.0	2.00	.70	.70	1,000	N	N	N	50	200	1.0
SB0836	65 46 5	164 32 48	2.0	.50	.20	.30	500	N	N	N	50	200	1.0
SB0837	65 45 53	164 32 44	2.0	1.00	.70	.50	500	N	N	N	20	200	1.0
SB0838	65 49 25	164 32 25	1.5	1.50	3.00	.15	200	N	N	N	70	150	<1.0
SB0839	65 49 22	164 32 0	1.5	1.00	3.00	.15	150	N	N	N	70	200	<1.0
SB0840	65 49 17	164 39 17	1.0	1.00	3.00	.20	200	N	N	N	50	300	<1.0
SB0841	65 50 29	164 43 29	2.0	1.50	3.00	.30	700	N	N	N	70	200	<1.0
SB0842	65 46 49	164 45 43	3.0	1.00	.70	.50	500	N	N	N	70	300	1.0
SB0843	65 46 57	164 45 25	2.0	1.00	.50	.50	200	N	N	N	50	200	1.0
SB0844	65 46 53	164 47 45	1.5	.50	.50	.30	150	N	N	N	50	300	1.0
SB0845	65 47 36	164 48 13	2.0	1.00	.30	.70	300	N	N	N	70	200	1.0
SB0846	65 47 44	164 49 32	2.0	1.00	1.00	.50	1,000	N	N	N	50	200	<1.0
SB0847	65 48 23	164 50 35	3.0	1.50	1.00	.70	300	<.5	N	N	70	300	<1.0
SB0848	65 48 35	164 53 25	2.0	.50	.50	.30	1,500	N	N	N	70	500	1.0
SB0849	65 49 45	163 55 28	2.0	.70	.70	.50	300	N	N	N	50	200	<1.0
SB0850	65 27 30	164 41 58	3.0	.70	.70	.50	300	N	N	N	100	300	1.0
SB0851	65 24 5	164 42 40	3.0	.50	.70	.70	1,000	N	N	N	100	200	<1.0
SB0852	65 22 7	164 45 1	2.0	.50	.10	.50	200	N	N	N	70	300	1.5
SB0853	65 21 57	164 45 5	2.0	.30	.05	.50	200	N	N	N	70	300	1.0
SB0854	65 22 36	164 43 30	1.0	.20	.20	.30	200	N	N	N	70	200	<1.0
SB0855	65 22 30	164 44 15	1.5	.30	.07	.30	100	N	N	N	70	300	1.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0811	N	N	20	100	20	30	N	<20	30	30	N	15	N	100
SB0812	N	N	10	70	10	<20	N	N	20	20	N	7	N	N
SB0813	N	N	15	70	15	30	N	<20	20	15	N	10	N	N
SB0814	N	N	20	100	10	30	N	N	20	20	N	10	20	<100
SB0815	N	N	15	70	10	30	N	<20	15	20	N	10	N	<100
SB0816	N	N	15	70	15	20	N	<20	20	30	N	7	N	<100
SB0817	N	N	20	100	20	20	N	<20	30	30	N	10	N	<100
SB0818	N	N	15	70	20	50	5	<20	30	50	N	10	N	<100
SB0819	N	N	20	70	10	30	N	<20	20	30	N	7	20	<100
SB0820	N	N	20	100	10	30	N	<20	20	30	N	7	N	<100
SB0821	N	N	7	20	<5	70	N	20	15	50	N	5	15	100
SB0822	N	N	15	70	7	50	N	30	10	50	N	5	20	100
SB0823	N	N	15	70	10	30	N	<20	15	20	N	7	15	<100
SB0824	N	N	10	70	7	<20	N	N	15	20	N	5	N	<100
SB0825	N	N	15	50	15	N	N	<20	15	20	N	7	N	N
SB0826	N	N	7	70	5	30	N	<20	10	20	N	5	N	<100
SB0827	N	N	15	50	10	50	N	N	15	20	N	7	N	N
SB0828	N	N	15	70	10	50	N	<20	15	30	N	7	150	N
SB0829	N	N	10	50	<5	30	N	N	10	30	N	7	10	150
SB0830	N	N	10	30	7	30	N	N	10	50	N	7	20	150
SB0831	N	N	10	30	5	20	N	N	10	30	N	5	10	N
SB0832	N	N	20	30	7	70	<5	<20	10	50	N	5	70	<100
SB0833	N	N	50	100	15	50	N	<20	30	30	N	15	N	100
SB0834	N	N	7	70	5	50	N	<20	10	20	N	7	N	100
SB0835	N	N	50	100	15	50	N	<20	100	20	N	15	N	150
SB0836	N	N	30	70	5	30	N	N	15	15	N	10	N	100
SB0837	N	N	30	100	10	20	N	N	30	10	N	10	N	100
SB0838	N	N	15	70	7	<20	N	N	20	15	N	7	N	200
SB0839	N	N	10	50	7	N	<5	N	20	15	N	7	N	200
SB0840	N	N	10	50	5	N	N	N	15	15	N	7	N	200
SB0841	N	N	15	70	7	<20	N	N	30	15	N	7	N	200
SB0842	N	N	30	100	10	50	N	<20	50	20	N	15	N	100
SB0843	N	N	20	70	5	30	N	<20	30	10	N	7	N	100
SB0844	N	N	10	50	7	50	N	N	20	15	N	7	N	100
SB0845	N	N	15	70	10	30	<5	20	20	20	N	10	N	<100
SB0846	N	N	15	70	7	20	N	N	20	20	N	7	N	100
SB0847	N	N	20	100	20	50	N	20	50	15	N	10	N	100
SB0848	N	N	20	70	10	50	N	N	30	20	N	10	N	100
SB0849	N	N	20	100	5	<20	N	<20	50	10	N	15	N	100
SB0850	N	N	20	100	10	20	N	<20	50	20	N	10	N	100
SB0851	N	N	10	100	5	<20	N	<20	20	10	N	15	N	<100
SB0852	N	N	20	100	7	50	N	<20	30	20	N	15	N	<100
SB0853	N	N	15	100	7	30	N	<20	20	15	N	10	N	N
SB0854	N	N	10	70	5	20	N	<20	15	10	N	7	N	<100
SB0855	N	N	10	70	7	20	N	<20	20	15	N	10	N	<100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0811	100	N	20	N	100	N	--	N	95	.10	--	N
SB0812	70	N	20	N	100	N	--	5	95	.20	--	N
SB0813	70	N	20	N	70	N	--	5	110	.20	--	N
SB0814	70	N	20	N	100	N	--	10	80	.10	--	N
SB0815	70	N	30	N	100	N	--	10	65	.05	--	N
SB0816	100	N	50	N	100	N	--	5	150	.30	--	N
SB0817	100	N	20	N	100	N	--	<5	190	.50	--	N
SB0818	100	N	30	<200	100	N	--	20	160	1.00	--	N
SB0819	70	N	30	N	100	N	--	10	90	.20	--	N
SB0820	70	N	50	N	100	N	--	10	65	.10	--	N
SB0821	70	N	30	N	300	N	--	<5	55	.10	--	N
SB0822	70	N	50	N	700	N	--	10	75	.10	--	N
SB0823	70	N	50	N	100	N	--	N	90	.20	--	N
SB0824	70	N	20	N	100	N	--	<5	65	.10	--	N
SB0825	70	N	20	N	100	N	--	10	70	.10	--	N
SB0826	50	N	20	N	100	N	--	5	60	.10	--	N
SB0827	50	N	30	N	70	N	--	15	60	.20	--	N
SB0828	50	N	30	N	200	N	--	20	70	.20	--	N
SB0829	50	N	20	N	70	N	--	<5	35	.10	--	N
SB0830	50	<50	20	N	100	N	--	5	45	.20	--	N
SB0831	50	N	30	N	100	N	--	10	60	.20	--	N
SB0832	50	N	70	N	200	N	--	10	50	.20	--	N
SB0833	100	N	30	N	100	N	--	10	90	.30	--	N
SB0834	70	N	50	N	200	N	--	N	40	.10	--	N
SB0835	100	N	30	N	70	N	--	N	140	.20	--	N
SB0836	70	N	30	N	70	N	--	<5	140	.30	--	N
SB0837	70	N	20	N	70	N	--	<5	120	.20	--	<2
SB0838	50	N	20	N	50	N	--	N	60	.10	--	N
SB0839	50	N	20	N	50	N	--	<5	60	.40	--	<2
SB0840	50	N	20	N	50	N	--	N	40	.10	--	<2
SB0841	50	N	20	N	70	N	--	N	60	.20	--	<2
SB0842	70	N	30	N	70	N	--	10	90	.20	--	3
SB0843	70	N	20	N	70	N	--	10	80	.20	--	<2
SB0844	70	N	20	N	100	N	--	10	65	.30	--	N
SB0845	100	N	20	N	100	N	--	10	80	.40	--	2
SB0846	70	N	20	N	100	N	--	80	80	.40	--	27
SB0847	100	N	50	N	100	N	--	30	60	.20	--	3
SB0848	70	N	50	N	100	N	--	10	90	.40	--	2
SB0849	70	N	20	N	70	N	--	<5	65	.20	--	<2
SB0850	70	N	30	N	100	N	--	30	65	.30	--	12
SB0851	70	N	50	N	100	N	--	<5	45	.20	--	2
SB0852	70	N	30	N	100	N	--	20	55	.30	--	4
SB0853	70	N	50	N	100	N	--	10	55	.20	--	5
SB0854	50	N	30	N	150	N	--	5	35	.20	--	3
SB0855	70	N	30	N	100	N	--	10	45	.20	--	10

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB0856	65 21 7	164 44 46	2.0	.50	.10	.50	200	N	N	N	100	300	1.0
SB0857	65 19 52	164 48 20	1.0	.30	.15	.50	100	N	N	N	70	300	<1.0
SB0858	65 18 35	164 44 35	1.5	.50	.20	.50	1,000	N	N	N	100	500	1.0
SB0859	65 18 16	164 38 30	2.0	.70	.20	.70	1,000	N	N	N	100	500	1.0
SB0860	64 58 50	164 28 0	5.0	1.00	.50	.70	1,000	.5	N	N	100	200	1.0
SB0861	64 57 55	164 21 20	2.0	.70	.30	.30	150	N	N	N	100	300	1.5
SB0862	64 57 30	164 16 20	1.0	2.00	20.00	.15	500	N	N	N	15	100	<1.0
SB0863	64 57 0	164 18 32	2.0	.70	.20	.30	200	N	N	N	100	200	1.0
SB0864	64 56 25	164 25 10	3.0	1.00	.70	.30	1,500	N	N	N	100	1,000	1.0
SB0865	64 55 52	164 27 21	2.0	.70	.50	.50	500	N	N	N	70	300	<1.0
SB0866	64 54 45	164 30 15	2.0	1.50	2.00	.30	500	N	N	N	70	300	<1.0
SB0867	64 51 52	164 27 52	5.0	1.00	.20	.50	300	N	N	N	100	200	1.0
SB0868	64 51 43	164 28 10	3.0	1.00	.30	.50	700	N	N	N	100	300	1.0
SB0869	64 51 22	164 25 55	5.0	1.50	.30	.50	500	N	N	N	150	300	1.0
SB0870	64 51 22	164 24 52	5.0	1.00	.20	.50	500	N	N	N	100	200	1.0
SB0871	64 52 50	164 25 28	1.5	3.00	15.00	.10	200	N	N	N	20	100	<1.0
SB0872	64 49 37	164 20 15	3.0	.70	.70	.50	300	N	N	N	100	300	1.5
SB0873	64 49 25	164 19 30	2.0	1.00	.70	.50	1,000	N	N	N	70	300	1.0
SB0874	64 49 1	164 23 58	5.0	1.50	.15	.70	500	N	N	N	100	300	1.0
SB0875	64 48 50	164 24 37	5.0	1.00	.20	.70	300	N	N	N	100	200	1.5
SB0876	64 49 10	164 27 7	5.0	1.00	.20	.70	500	N	N	N	100	200	1.0
SB0877	64 49 10	164 28 55	3.0	1.00	1.00	.70	500	N	N	N	100	200	1.0
SB0878	64 48 58	164 28 58	3.0	1.00	.70	1.00	700	N	N	N	100	300	1.0
SB0879	64 48 55	164 28 25	2.0	1.00	3.00	.50	500	N	N	N	100	300	1.0
SB0880	64 48 13	164 19 44	3.0	1.00	.70	.70	1,000	N	N	N	100	500	1.0
SB0881	64 47 59	164 15 20	3.0	1.00	.20	.70	300	N	N	N	100	500	1.0
SB0882	64 46 50	164 16 20	3.0	1.00	.20	.50	700	<.5	N	N	100	1,000	1.5
SB0883	64 45 52	164 19 5	3.0	1.00	.20	.50	300	N	N	N	100	300	1.5
SB0884	64 45 50	164 19 27	3.0	1.00	.10	.50	500	N	N	N	100	300	1.0
SB0885	64 47 25	164 21 33	3.0	1.00	.50	.50	300	N	N	N	70	100	1.0
SB0886	64 47 5	164 22 13	5.0	1.00	.15	.50	300	N	N	N	100	200	1.0
SB0887	64 46 52	164 23 45	7.0	1.00	.15	.50	500	N	N	N	100	300	1.0
SB0888	64 46 40	164 26 20	5.0	1.00	.20	.50	500	N	N	N	100	200	1.0
SB0889	64 46 46	164 27 2	2.0	1.00	10.00	.50	200	N	N	N	70	150	1.0
SB0890	64 46 16	164 28 2	3.0	1.50	1.50	.70	1,000	N	N	N	100	700	1.0
SB0891	64 45 54	164 27 55	3.0	1.00	10.00	.70	700	N	N	N	100	300	1.0
SB0892	64 45 40	164 29 10	5.0	1.00	1.00	.70	700	N	N	N	100	700	1.5
SB0893	64 44 22	164 29 17	3.0	1.00	2.00	.50	1,000	<.5	N	N	100	1,000	1.5
SB0894	64 42 25	164 26 25	5.0	1.00	1.00	.70	700	N	N	N	100	1,000	1.0
SB0895	64 42 34	164 26 7	5.0	1.00	5.00	.70	300	<.5	N	N	100	300	1.0
SB0896	64 41 35	164 24 27	5.0	.70	.50	.50	500	<.5	N	N	100	300	1.0
SB0897	64 41 32	164 25 40	5.0	1.00	1.00	.70	500	<.5	N	N	100	1,000	1.0
SB0898	64 40 35	164 26 10	5.0	1.00	1.00	1.00	1,000	N	N	N	100	500	1.0
SB0899	64 39 0	164 28 0	3.0	1.00	.70	.70	1,000	N	N	N	100	300	1.0
SB0900	64 38 53	164 25 15	5.0	1.00	.70	.70	1,500	N	N	N	100	500	1.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0856	N	N	15	100	10	30	N	<20	30	15	N	10	N	N
SB0857	N	N	10	70	7	<20	N	N	15	10	N	7	N	<100
SB0858	N	N	10	70	<5	50	N	<20	10	10	N	7	N	<100
SB0859	N	N	15	100	5	50	N	<20	15	20	N	10	N	<100
SB0860	N	N	15	100	5	100	N	20	15	20	N	15	15	100
SB0861	N	N	15	100	10	30	N	N	20	20	N	15	N	100
SB0862	N	N	10	30	5	<20	N	N	15	20	N	7	N	150
SB0863	N	N	15	70	10	50	N	N	20	30	N	10	N	<100
SB0864	N	N	20	100	20	50	5	<20	50	30	N	10	<10	<100
SB0865	N	N	15	70	10	50	N	<20	15	20	N	10	N	<100
SB0866	N	N	10	50	10	30	N	N	15	30	N	7	N	<100
SB0867	N	N	20	100	7	20	N	<20	20	20	N	10	N	<100
SB0868	N	N	15	100	10	20	N	<20	30	30	N	15	N	<100
SB0869	N	N	20	150	20	50	N	<20	70	50	N	20	N	<100
SB0870	N	N	15	100	10	70	N	<20	30	20	N	15	N	<100
SB0871	N	N	10	30	7	20	N	N	10	20	N	5	N	100
SB0872	N	N	20	100	20	70	<5	<20	30	20	N	10	N	<100
SB0873	N	N	15	100	10	30	N	<20	30	20	N	10	N	<100
SB0874	N	N	20	100	15	30	N	<20	50	30	N	15	N	N
SB0875	N	N	20	100	20	70	N	<20	50	30	N	15	N	100
SB0876	N	N	20	100	10	30	N	<20	50	30	N	15	N	100
SB0877	N	N	20	100	10	50	N	<20	50	20	N	10	N	150
SB0878	N	N	20	100	15	20	N	<20	50	20	N	15	N	150
SB0879	N	N	15	70	10	50	N	<20	20	20	N	10	N	200
SB0880	N	N	20	100	20	50	N	<20	50	30	N	15	N	100
SB0881	N	N	20	100	15	50	5	<20	70	30	N	15	N	<100
SB0882	N	N	20	100	20	20	5	N	50	30	N	10	N	<100
SB0883	N	N	20	100	20	50	N	<20	50	20	N	10	N	<100
SB0884	N	N	20	100	20	50	N	<20	50	20	N	10	N	<100
SB0885	N	N	30	70	7	<20	N	<20	30	20	N	7	N	<100
SB0886	N	N	20	100	10	50	N	<20	50	20	N	10	N	<100
SB0887	N	N	30	100	20	70	N	<20	70	30	N	15	N	<100
SB0888	N	N	30	100	20	50	N	<20	50	20	N	10	N	<100
SB0889	N	N	10	50	10	<20	N	<20	10	20	N	7	<10	500
SB0890	N	N	20	100	20	20	5	<20	50	50	N	20	N	150
SB0891	N	N	20	70	20	20	N	<20	30	50	N	15	N	500
SB0892	N	N	30	100	30	50	N	<20	30	50	N	15	N	150
SB0893	N	N	20	100	20	30	5	N	50	20	N	15	N	150
SB0894	N	N	20	100	20	N	<5	<20	30	30	N	15	N	150
SB0895	N	N	20	100	30	20	N	<20	50	30	N	15	N	500
SB0896	N	N	20	100	20	20	5	<20	50	20	N	15	N	100
SB0897	N	N	30	100	30	70	N	<20	70	50	N	20	N	200
SB0898	N	N	30	150	20	30	<5	20	50	20	N	20	N	150
SB0899	N	N	15	100	15	20	N	<20	30	15	N	15	N	100
SB0900	N	N	20	100	20	20	<5	<20	50	20	N	15	N	100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0856	70	N	30	N	100	N	--	40	55	.30	--	5
SB0857	50	N	20	N	70	N	--	5	45	.30	--	3
SB0858	70	N	50	N	100	N	--	<5	35	.20	--	<2
SB0859	70	N	50	N	150	N	--	20	50	.20	--	2
SB0860	70	N	70	N	200	N	--	5	45	.10	--	<2
SB0861	70	N	30	N	70	N	--	10	95	.30	--	N
SB0862	50	N	20	N	50	N	--	5	35	.20	--	N
SB0863	70	N	30	N	70	N	--	10	70	.30	--	N
SB0864	100	N	30	N	70	N	--	20	90	.70	--	2
SB0865	70	N	50	N	100	N	--	15	50	.30	--	3
SB0866	70	N	20	N	70	N	--	20	65	.40	--	2
SB0867	70	N	30	N	100	N	--	10	70	.10	--	N
SB0868	100	N	20	N	100	N	--	10	55	.20	--	N
SB0869	100	N	20	N	100	N	--	20	80	.30	--	N
SB0870	70	N	30	N	150	N	--	25	75	.20	--	6
SB0871	30	N	20	N	50	N	--	35	50	.30	--	5
SB0872	100	N	50	N	100	N	--	55	90	.40	--	26
SB0873	70	N	20	N	100	N	--	15	70	.30	--	2
SB0874	70	N	30	N	150	N	--	20	80	.20	--	5
SB0875	100	N	50	N	100	N	--	30	70	.10	--	3
SB0876	100	N	30	N	100	N	--	15	60	.20	--	N
SB0877	70	N	20	N	100	N	--	15	45	.10	--	2
SB0878	70	N	30	N	70	N	--	10	60	.30	--	3
SB0879	50	N	30	N	70	N	--	20	40	.10	--	4
SB0880	100	N	30	N	70	N	--	10	65	.30	--	4
SB0881	100	N	30	N	100	N	--	10	100	.60	--	N
SB0882	100	N	20	<200	70	N	--	10	125	1.20	--	2
SB0883	100	N	30	N	100	N	--	20	80	.30	--	3
SB0884	100	N	30	N	100	N	--	20	95	.20	--	5
SB0885	50	N	20	N	100	N	--	10	60	.10	--	5
SB0886	100	N	20	N	100	N	--	10	65	.10	--	7
SB0887	100	N	30	N	150	N	--	10	70	.10	--	3
SB0888	100	N	30	N	100	N	--	10	70	.20	--	3
SB0889	50	N	20	N	50	N	--	10	30	<.10	--	2
SB0890	100	N	30	N	100	N	--	20	70	.40	--	15
SB0891	100	N	30	N	100	N	--	20	65	.30	--	12
SB0892	150	N	50	<200	100	N	--	10	110	.50	--	3
SB0893	100	N	30	N	70	N	--	10	85	.50	--	2
SB0894	100	N	30	N	100	N	--	15	85	.40	--	6
SB0895	100	N	30	N	70	N	--	15	95	.40	--	4
SB0896	100	N	20	N	100	N	--	25	110	.50	--	7
SB0897	100	N	50	N	100	N	--	10	100	.50	--	<2
SB0898	100	N	50	N	100	N	--	10	75	.20	--	<2
SB0899	100	N	50	N	100	N	--	<5	50	.20	--	2
SB0900	100	N	50	N	100	N	--	10	65	.40	--	4

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB0901	64 36 50	164 23 58	3.0	1.00	.50	.70	500	N	N	N	100	300	1.0
SB0902	64 36 15	164 19 13	3.0	1.00	.15	.50	500	<.5	N	N	70	1,000	1.0
SB0903	64 35 22	164 18 43	3.0	.70	.20	.70	500	<.5	N	N	70	700	1.0
SB0904	64 35 15	164 15 29	2.0	1.00	.05	.30	700	.5	N	N	70	700	1.0
SB0905	64 34 19	164 12 40	2.0	1.00	.10	.50	150	N	N	N	70	500	1.0
SB0906	64 35 53	164 8 56	3.0	1.00	.10	.70	300	N	N	N	100	500	1.0
SB0907	64 35 44	164 7 44	3.0	1.00	.15	.30	500	N	N	N	100	500	1.5
SB0908	64 36 38	164 7 0	5.0	1.50	.50	.50	700	N	N	N	100	700	1.0
SB0909	64 34 0	164 5 13	3.0	.70	.15	.50	300	N	N	N	100	200	1.0
SB0910	64 34 55	164 0 15	2.0	.70	.15	.50	300	N	N	N	70	200	1.0
SB0911	64 35 32	164 1 16	3.0	1.50	.70	.70	500	N	N	N	100	500	1.0
SB0912	64 38 55	164 1 43	3.0	1.50	1.00	.70	700	N	N	N	100	500	1.0
SB0913	64 38 35	164 0 2	3.0	1.00	1.50	.70	500	N	N	N	70	500	<1.0
SB0914	64 39 52	164 1 30	7.0	1.50	1.50	1.00	1,000	N	N	N	70	300	1.0
SB0915	64 41 25	164 5 54	5.0	1.50	1.00	.50	500	N	N	N	70	300	1.0
SB0916	64 41 47	164 5 28	5.0	1.50	1.00	.70	500	N	N	N	70	300	1.0
SB0917	64 43 30	164 59 45	5.0	1.50	2.00	.70	700	N	N	N	70	500	1.0
SB0918	64 42 6	164 9 55	5.0	1.50	.50	.70	300	<.5	N	N	100	700	1.0
SB0919	65 38 10	163 51 47	3.0	1.00	.50	.70	500	N	N	N	100	500	1.0
SB0920	65 40 21	163 56 55	3.0	1.00	.50	.70	500	N	N	N	100	700	1.0
SB0921	65 40 30	163 55 29	5.0	1.00	1.00	.70	150	N	N	N	100	700	1.0
SB0922	65 40 39	163 55 37	2.0	1.00	3.00	.20	500	N	N	N	70	500	<1.0
SB0923	65 42 5	163 54 7	3.0	1.00	.70	.70	700	N	N	N	100	700	1.5
SB0924	65 43 21	163 50 30	3.0	1.00	2.00	.50	300	N	N	N	100	500	1.0
SB0925	65 44 0	163 51 40	3.0	1.50	3.00	.50	5,000	N	N	N	70	500	1.0
SB0926	65 44 1	163 51 15	5.0	1.50	2.00	.50	1,000	N	N	N	70	500	1.0
SB0927	65 43 5	163 44 15	5.0	1.00	.70	.50	1,000	N	N	N	100	500	1.0
SB0928	65 41 47	163 43 35	5.0	.70	.50	.50	1,500	N	N	N	100	500	1.0
SB0929	65 41 8	163 48 39	3.0	1.00	.50	.70	300	N	N	N	100	500	1.0
SB0930	65 41 16	163 48 28	5.0	1.00	.70	.70	1,500	N	N	N	70	500	1.0
SB0931	65 38 38	163 43 29	5.0	1.00	.50	.70	300	N	N	N	70	500	1.0
SB0932	65 38 26	163 40 45	7.0	.70	.50	.50	1,000	N	N	N	50	500	1.0
SB0933	65 37 55	163 37 7	2.0	.50	.50	.30	150	N	N	N	30	300	1.0
SB0934	65 38 50	163 34 7	5.0	1.00	.50	.70	700	N	N	N	100	500	1.0
SB0935	65 38 35	163 33 37	7.0	1.50	2.00	1.00	700	N	N	N	10	300	<1.0
SB0936	65 37 23	163 32 45	2.0	.70	.20	.30	200	N	N	N	70	500	<1.0
SB0937	65 37 12	163 32 59	1.5	.70	.20	.50	150	N	N	N	70	500	<1.0
SB0938	65 36 27	163 34 7	5.0	2.00	1.00	.70	500	N	N	N	20	200	<1.0
SB0939	65 35 23	163 38 40	2.0	.50	.20	.50	150	N	N	N	50	500	<1.0
SB0940	65 44 54	162 10 6	2.0	.20	.05	.70	70	N	N	N	100	500	1.0
SB0941	65 45 35	162 8 42	2.0	.50	.07	.70	700	N	N	N	100	500	1.0
SB0942	65 45 58	162 6 15	2.0	.70	.20	.70	150	N	N	N	70	300	1.0
SB0943	65 47 6	162 6 31	2.0	.50	.10	.70	200	N	N	N	100	500	1.0
SB0944	65 48 25	162 4 53	3.0	.70	.10	.70	1,000	N	N	N	100	500	1.0
SB0945	65 48 25	162 3 10	2.0	.50	.10	.50	300	N	N	N	70	300	1.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0901	N	N	20	100	20	<20	N	<20	20	15	N	10	N	100
SB0902	N	N	20	100	20	<20	5	N	30	10	N	10	N	<100
SB0903	N	N	7	70	10	<20	<5	N	15	15	N	10	N	100
SB0904	N	N	15	70	10	N	<5	<20	20	20	N	10	N	<100
SB0905	N	N	10	70	10	N	N	<20	15	20	N	10	N	100
SB0906	N	N	20	100	10	<20	N	<20	20	30	N	10	N	<100
SB0907	N	N	20	100	15	20	N	N	20	20	N	10	N	100
SB0908	N	N	20	150	15	50	N	<20	50	30	N	15	N	150
SB0909	N	N	15	70	10	N	N	<20	20	20	N	10	N	<100
SB0910	N	N	10	100	7	<20	N	<20	15	15	N	7	N	N
SB0911	N	N	20	100	20	30	N	<20	30	20	N	10	N	100
SB0912	N	N	20	150	20	50	N	<20	50	30	N	20	N	150
SB0913	N	N	20	100	20	70	N	<20	50	50	N	20	N	200
SB0914	N	N	20	100	30	70	N	<20	50	30	N	20	N	150
SB0915	N	N	30	100	20	50	N	N	50	30	N	15	N	100
SB0916	N	N	30	100	20	50	N	<20	70	30	N	20	N	150
SB0917	N	N	20	100	20	50	N	<20	50	50	N	15	N	200
SB0918	N	N	20	100	30	50	7	<20	50	30	N	10	N	100
SB0919	N	N	20	200	100	20	N	<20	20	50	N	15	20	100
SB0920	N	N	15	100	20	20	N	<20	20	30	N	10	N	100
SB0921	N	N	50	150	20	20	N	<20	30	30	N	15	N	150
SB0922	N	N	10	100	10	N	N	N	15	20	N	7	N	100
SB0923	N	N	20	100	15	30	N	<20	20	30	N	10	N	100
SB0924	N	N	15	100	15	30	N	<20	20	20	N	10	N	150
SB0925	N	N	15	100	10	20	N	N	20	20	N	7	N	200
SB0926	N	N	20	70	10	N	N	N	20	20	N	10	N	100
SB0927	N	N	30	100	10	<20	N	<20	20	20	N	10	N	100
SB0928	N	N	30	100	10	<20	N	<20	15	30	N	10	N	100
SB0929	N	N	15	100	15	20	N	<20	20	30	N	10	15	100
SB0930	N	N	30	150	7	N	N	<20	20	20	N	10	N	100
SB0931	N	N	20	150	15	<20	N	<20	30	30	N	10	N	100
SB0932	N	N	30	100	15	<20	N	<20	20	20	N	10	N	100
SB0933	N	N	7	100	10	N	N	N	10	10	N	7	N	<100
SB0934	N	N	50	100	10	<20	N	<20	15	20	N	10	N	100
SB0935	N	N	30	200	20	N	N	20	30	20	N	30	N	300
SB0936	N	N	10	100	10	30	N	N	15	30	N	10	N	<100
SB0937	N	N	10	70	7	<20	N	N	10	20	N	10	N	<100
SB0938	N	N	50	200	10	20	N	<20	100	15	N	10	N	300
SB0939	N	N	15	100	10	70	N	<20	20	20	N	10	N	100
SB0940	N	N	10	100	10	70	N	<20	20	30	N	10	N	150
SB0941	N	N	20	70	15	70	N	<20	20	30	N	10	N	100
SB0942	N	N	10	70	7	50	N	<20	20	20	N	7	<10	150
SB0943	N	N	15	100	10	30	N	<20	20	20	N	7	N	100
SB0944	N	N	50	100	20	50	N	20	30	50	N	10	N	100
SB0945	N	N	20	70	10	50	N	<20	20	50	N	10	N	100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0901	100	N	30	N	100	N	--	10	70	.20	--	3
SB0902	100	N	30	N	70	N	--	30	180	2.30	--	5
SB0903	100	N	30	N	100	N	--	20	80	.40	--	3
SB0904	100	N	30	N	100	N	--	15	130	1.30	--	2
SB0905	100	N	50	N	70	N	--	5	60	.20	--	N
SB0906	100	N	30	N	70	N	--	10	140	.50	--	<2
SB0907	100	N	30	N	100	N	--	15	110	.70	--	2
SB0908	100	N	50	N	100	N	--	5	95	.30	--	2
SB0909	50	N	30	N	100	N	--	50	95	.20	--	<2
SB0910	70	N	20	N	70	N	--	10	65	.30	--	N
SB0911	100	N	30	N	100	N	--	5	95	.30	--	N
SB0912	100	N	50	N	100	N	--	N	75	.10	--	N
SB0913	100	N	50	N	100	N	--	N	80	.20	--	<2
SB0914	100	N	50	N	100	N	--	N	60	<.10	--	N
SB0915	100	N	50	N	70	N	--	N	70	<.10	--	<2
SB0916	100	N	50	N	100	N	--	N	70	.20	--	2
SB0917	100	N	50	N	100	N	--	N	70	<.10	--	N
SB0918	150	N	50	N	100	N	--	5	140	1.00	--	2
SB0919	100	N	50	N	300	N	--	N	70	.10	--	N
SB0920	100	N	50	N	300	N	--	N	60	.30	--	N
SB0921	100	N	50	N	200	N	--	N	80	.10	--	N
SB0922	50	N	20	N	70	N	--	N	75	.10	--	N
SB0923	100	N	50	N	200	N	--	N	100	.10	--	N
SB0924	100	N	30	N	200	N	--	N	60	<.10	--	N
SB0925	70	N	20	N	100	N	--	N	50	.10	--	N
SB0926	70	N	30	N	70	N	--	5	100	.40	--	N
SB0927	100	N	30	N	100	N	--	N	100	N	--	N
SB0928	100	N	50	N	200	N	--	N	65	N	--	N
SB0929	100	N	30	N	200	N	--	N	55	N	--	N
SB0930	100	N	30	N	150	N	--	10	95	.10	--	N
SB0931	100	N	30	N	150	N	--	N	75	.10	--	N
SB0932	100	N	20	N	70	N	--	N	70	<.10	--	N
SB0933	70	N	20	N	70	N	--	N	70	.10	--	N
SB0934	100	N	50	N	200	N	--	N	95	.20	--	N
SB0935	150	N	30	N	70	N	--	N	110	N	--	N
SB0936	70	N	50	N	100	N	--	N	60	.20	--	N
SB0937	100	N	30	N	150	N	--	N	60	<.10	--	N
SB0938	100	N	30	N	100	N	--	N	70	N	--	N
SB0939	70	N	50	N	150	N	--	5	70	.10	--	N
SB0940	100	N	30	N	150	N	--	15	50	.20	--	N
SB0941	100	N	30	N	100	N	--	15	70	.40	--	N
SB0942	70	N	30	N	150	N	--	N	40	N	--	N
SB0943	70	N	30	N	200	N	--	10	60	<.10	--	N
SB0944	100	N	50	N	200	N	--	25	75	.20	--	N
SB0945	70	N	50	N	150	N	--	25	60	N	--	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB0946	65 48 44	162 3 31	1.0	.20	.05	1.00	100	N	N	N	70	200	1.0
SB0947	65 46 1	162 0 44	1.5	.50	.10	.70	100	N	N	N	70	300	1.0
SB0948	65 50 13	162 2 50	1.5	.50	.05	.50	100	1.5	N	<10	70	300	1.0
SB0949	65 53 9	162 3 31	2.0	.50	<.05	.70	70	N	N	N	70	300	1.0
SB0950	65 52 55	162 13 30	2.0	1.00	.20	.50	200	N	N	N	70	500	1.0
SB0951	65 52 48	162 11 15	2.0	.50	.10	.50	70	N	N	N	70	300	1.0
SB0952	65 53 7	162 11 55	2.0	.50	.05	1.00	100	N	N	N	70	300	1.0
SB0953	65 57 5	162 5 55	5.0	.50	.05	.30	500	N	N	N	100	500	1.0
SB0954	65 58 12	162 8 59	3.0	.50	.07	1.00	700	1.0	N	N	100	500	1.0
SB0955	65 59 53	162 9 38	2.0	.70	.20	.50	1,000	2.0	N	N	100	500	1.0
SB0956	65 40 7	162 23 7	2.0	.20	.10	.30	200	N	N	N	70	700	1.0
SB0957	65 44 35	162 16 8	2.0	.70	.20	.50	500	N	N	N	100	500	1.5
SB0958	65 44 37	162 16 32	3.0	.70	.50	.70	1,500	N	N	N	100	700	1.0
SB0959	65 44 21	162 16 42	2.0	.50	.20	.70	500	N	N	N	100	500	1.5
SB0960	65 42 30	162 17 40	2.0	.50	.07	.70	200	N	N	N	100	300	1.0
SB0961	65 42 42	162 21 20	5.0	.70	.07	.70	500	N	N	N	100	500	1.0
SB0962	65 44 20	162 22 51	1.5	.30	.05	.70	200	<.5	N	N	70	700	1.0
SB0963	65 45 54	162 25 50	3.0	1.50	1.00	1.00	1,000	N	N	N	100	700	1.0
SB0964	65 47 35	162 21 43	1.5	.20	.07	.50	150	N	N	N	100	200	1.0
SB0965	65 48 35	162 20 40	3.0	.70	.70	.70	500	N	N	N	150	500	1.5
SB0966	65 47 59	162 16 23	2.0	.50	.70	1.00	500	N	N	N	100	300	1.0
SB0967	65 48 50	162 16 55	2.0	.30	.15	.50	300	N	N	N	70	300	1.0
SB0968	65 49 13	162 12 58	2.0	1.00	.30	.70	200	<.5	N	N	100	700	1.0
SB0969	65 50 5	162 24 14	2.0	.50	.10	.20	100	N	N	N	50	500	1.0
SB0970	65 49 29	162 29 15	2.0	.50	.20	.30	200	N	N	N	50	300	1.0
SB0971	65 51 7	162 23 25	5.0	1.00	.50	.50	300	N	N	N	70	500	1.0
SB0972	65 51 55	162 25 15	2.0	.50	.30	.50	200	N	N	N	70	500	1.0
SB0973	65 54 17	163 33 43	2.0	1.00	2.00	.50	200	<.5	N	N	70	700	1.0
SB0974	65 54 21	163 33 34	2.0	1.00	1.00	.30	300	.5	N	N	100	1,500	1.0
SB0975	65 54 33	163 34 16	3.0	1.00	2.00	.30	700	<.5	N	N	70	700	1.0
SB0976	65 55 18	163 34 37	2.0	.70	.50	.50	200	N	N	N	100	300	1.0
SB0977	65 55 45	163 39 29	2.0	.70	1.00	.30	700	N	N	N	50	500	<1.0
SB0978	65 55 8	163 42 8	2.0	1.00	1.50	.50	1,000	N	N	N	70	300	1.0
SB0979	65 55 6	163 41 56	2.0	1.00	5.00	.30	700	N	N	N	70	300	<1.0
SB0980	65 53 40	163 45 30	1.5	.70	.30	.30	200	N	N	N	50	200	<1.0
SB0981	65 53 8	163 40 16	1.5	1.00	5.00	.30	500	N	N	N	70	300	<1.0
SB0982	65 57 18	163 37 52	2.0	1.00	.50	.50	500	N	N	N	70	500	1.0
SB0983	65 56 59	163 39 16	2.0	1.00	.50	.50	500	N	N	N	100	700	1.0
SB0984	65 59 44	163 41 6	2.0	.70	.50	.50	200	N	N	N	70	500	1.0
SB0985	65 59 55	163 36 55	2.0	.30	.20	.20	200	N	N	N	50	300	1.0
SB0986	65 59 55	163 31 29	5.0	1.00	.70	.50	1,000	N	N	N	70	500	<1.0
SB0987	65 59 55	163 27 45	5.0	1.50	.20	.50	500	N	N	N	70	500	1.0
SB0988	65 59 20	163 16 53	5.0	1.00	.30	.50	700	N	N	N	100	700	1.5
SB0989	65 59 11	163 16 43	5.0	1.00	.50	.50	1,000	N	N	N	150	500	1.0
SB0990	65 58 50	163 13 29	5.0	.70	.20	.30	5,000	<.5	N	N	100	700	1.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0946	N	N	10	70	10	50	N	<20	20	30	N	7	N	<100
SB0947	N	N	15	70	7	50	N	<20	20	20	N	7	N	100
SB0948	N	N	15	70	10	20	5	<20	15	50	N	7	N	N
SB0949	N	N	10	70	7	20	<5	<20	20	20	N	7	N	<100
SB0950	N	N	20	70	15	50	N	<20	20	50	N	10	N	100
SB0951	N	N	7	70	7	50	N	<20	15	20	N	10	N	<100
SB0952	N	N	10	70	10	30	N	20	15	20	N	7	N	<100
SB0953	N	N	20	70	15	50	N	N	20	30	N	10	N	100
SB0954	N	N	15	70	15	20	N	<20	15	10	N	10	N	100
SB0955	N	N	10	70	10	<20	N	<20	10	20	N	15	N	<100
SB0956	N	N	10	70	7	30	N	N	10	15	N	10	N	100
SB0957	N	N	20	100	20	50	N	<20	15	50	N	15	N	100
SB0958	N	N	30	100	30	50	N	<20	20	50	N	15	N	100
SB0959	N	N	10	70	15	50	N	<20	15	30	N	10	N	<100
SB0960	N	N	10	100	10	50	N	<20	20	30	N	15	N	<100
SB0961	N	N	15	100	15	50	N	<20	20	30	N	20	N	<100
SB0962	N	N	7	50	10	30	N	N	15	30	N	7	N	<100
SB0963	N	N	30	70	20	50	<5	<20	30	20	N	10	N	100
SB0964	N	N	10	50	10	20	N	<20	10	20	N	7	N	<100
SB0965	N	N	20	100	20	50	N	<20	20	30	N	15	<10	100
SB0966	N	N	15	50	10	20	N	<20	15	10	N	10	N	<100
SB0967	N	N	10	50	7	20	N	<20	15	20	N	10	N	<100
SB0968	N	N	30	70	20	30	N	<20	20	20	N	10	N	100
SB0969	N	N	7	70	20	50	N	N	10	20	N	7	N	<100
SB0970	N	N	10	100	15	30	N	<20	15	20	N	10	N	100
SB0971	N	N	20	100	20	50	N	<20	30	50	N	15	N	100
SB0972	N	N	20	100	15	50	N	<20	15	30	N	10	N	100
SB0973	N	N	15	70	10	50	<5	<20	20	20	N	7	N	150
SB0974	N	N	15	70	30	20	10	<20	20	20	N	7	N	100
SB0975	N	N	20	100	20	20	5	N	30	20	N	7	N	150
SB0976	N	N	15	70	10	<20	N	<20	20	15	N	5	N	<100
SB0977	N	N	20	50	5	20	N	N	15	10	N	5	N	<100
SB0978	N	N	20	70	7	20	N	<20	30	15	N	7	N	100
SB0979	N	N	15	70	7	<20	N	N	20	15	N	7	N	200
SB0980	N	N	15	50	5	20	N	N	15	<10	N	5	N	N
SB0981	N	N	15	70	7	<20	N	N	20	15	N	5	N	200
SB0982	N	N	15	70	10	<20	N	<20	20	15	N	5	N	100
SB0983	N	N	20	70	10	30	N	<20	20	20	N	7	N	100
SB0984	N	N	20	100	15	50	N	<20	30	20	N	10	N	100
SB0985	N	N	10	50	5	20	N	N	10	10	N	5	N	N
SB0986	N	N	15	70	20	50	N	<20	50	100	N	10	N	100
SB0987	N	N	20	100	20	50	N	<20	30	50	N	15	N	<100
SB0988	N	N	20	70	10	50	N	<20	30	30	N	10	N	<100
SB0989	N	N	20	100	20	50	N	<20	50	50	N	10	N	<100
SB0990	N	N	50	70	10	50	5	<20	70	20	N	7	N	<100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0946	70	N	50	N	150	N	--	20	40	N	--	N
SB0947	70	N	30	N	100	N	--	10	55	N	--	N
SB0948	70	N	20	N	100	N	--	55	45	N	--	N
SB0949	70	N	30	N	100	N	--	10	40	N	--	N
SB0950	70	N	30	N	100	N	--	5	65	.20	--	N
SB0951	70	N	20	N	100	N	--	5	45	N	--	N
SB0952	70	N	20	N	100	N	--	10	35	N	--	N
SB0953	100	N	50	N	100	N	--	40	55	N	--	N
SB0954	100	N	30	N	100	N	--	25	100	.20	--	N
SB0955	70	N	50	200	100	N	--	25	210	.50	--	6
SB0956	70	N	30	N	100	N	--	15	70	.20	--	N
SB0957	100	N	50	N	100	N	--	N	100	.20	--	N
SB0958	100	N	50	<200	100	N	--	5	150	.40	--	N
SB0959	100	N	30	N	100	N	--	<5	85	.10	--	N
SB0960	70	N	30	N	100	N	--	N	65	<.10	--	N
SB0961	70	N	50	N	100	N	--	10	80	N	--	N
SB0962	70	N	30	N	100	N	--	N	85	.20	--	N
SB0963	100	N	70	N	100	N	--	N	85	.20	--	N
SB0964	70	N	15	N	100	N	--	N	55	.20	--	N
SB0965	100	N	20	N	100	N	--	N	80	.20	--	N
SB0966	70	N	20	N	100	N	--	N	55	.20	--	N
SB0967	70	N	20	N	100	N	--	20	60	N	--	N
SB0968	100	N	30	N	100	N	--	N	80	.30	--	N
SB0969	70	N	30	N	70	N	--	N	60	.10	--	N
SB0970	70	N	30	N	70	N	--	N	70	.20	--	N
SB0971	70	N	50	N	100	N	--	N	75	.20	--	N
SB0972	70	N	50	N	100	N	--	N	80	.30	--	N
SB0973	70	<50	30	N	70	N	--	10	75	.40	--	N
SB0974	100	N	30	<200	50	N	--	5	160	1.10	--	N
SB0975	70	N	20	N	50	N	--	10	150	1.40	--	N
SB0976	50	N	20	N	70	N	--	N	55	N	--	N
SB0977	50	N	20	N	50	N	--	N	65	.10	--	N
SB0978	50	N	20	N	70	N	--	N	70	.20	--	N
SB0979	50	N	20	N	30	N	--	N	65	.20	--	N
SB0980	50	N	20	N	70	N	--	N	75	<.10	--	N
SB0981	50	N	20	N	50	N	--	N	55	.20	--	N
SB0982	50	N	20	N	70	N	--	N	70	.10	--	N
SB0983	70	N	20	N	70	N	--	N	90	.20	--	N
SB0984	70	N	30	N	100	N	--	N	75	.20	--	N
SB0985	50	N	20	N	70	N	--	55	65	.30	--	N
SB0986	100	N	50	<200	200	N	--	35	140	.60	--	3
SB0987	100	N	30	N	100	N	--	30	95	.20	--	N
SB0988	100	N	30	N	100	N	--	5	90	.40	--	N
SB0989	70	N	30	N	150	N	--	<5	80	.20	--	N
SB0990	70	N	30	N	150	N	--	N	95	.80	--	<2

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB0991	65 57 31	163 12 40	2.0	.50	.50	.50	500	N	N	N	100	500	1.0
SB0992	65 42 37	162 39 0	3.0	1.00	1.00	.50	500	<.5	N	N	70	700	1.0
SB0993	65 44 58	162 37 23	1.5	.20	.20	.20	200	N	N	N	50	300	1.0
SB0994	65 46 7	162 37 0	3.0	.70	.50	.30	700	N	N	N	70	500	1.0
SB0995	65 48 10	162 30 47	5.0	1.00	.50	.70	700	N	N	N	70	700	<1.0
SB0996	65 49 52	162 40 22	2.0	1.00	1.50	.30	1,000	N	N	N	100	500	1.0
SB0997	65 47 55	162 53 12	1.5	.50	.30	.30	500	N	N	N	70	700	1.0
SB0998	65 52 7	162 59 27	2.0	1.00	.20	.50	700	N	N	N	100	500	1.5
SB0999	65 53 25	163 0 57	2.0	.70	.50	.50	300	N	N	N	100	700	1.0
SB1000	65 50 50	163 4 10	2.0	.70	.50	.50	500	N	N	N	70	500	1.0
SB1001	65 49 18	163 4 38	5.0	1.50	1.50	.70	700	N	N	N	150	700	<1.0
SB1002	65 48 55	163 3 42	3.0	1.00	1.00	.50	1,000	N	N	N	100	700	1.0
SB1003	65 48 40	163 3 13	2.0	.70	.20	.50	500	N	N	N	70	500	1.0
SB1004	65 47 24	163 2 40	2.0	1.00	.70	.50	500	N	N	N	100	300	1.0
SB1005	65 47 10	163 1 52	3.0	1.00	.20	.50	1,500	N	N	N	70	500	1.0
SB1006	65 46 11	163 1 12	3.0	.70	.20	.50	700	N	N	N	100	300	1.0
SB1007	65 27 59	164 19 50	5.0	1.00	.50	.50	700	N	N	N	100	500	1.0
SB1008	65 45 7	164 17 45	3.0	1.00	5.00	.50	700	<.5	N	N	100	1,000	<1.0
SB1009	65 45 8	164 15 35	3.0	1.00	5.00	.50	1,000	N	N	N	70	500	<1.0
SB1010	65 45 10	164 15 25	3.0	1.00	5.00	.50	500	N	N	N	70	300	<1.0
SB1011	65 46 43	164 7 32	2.0	1.50	10.00	.50	200	N	N	N	50	300	<1.0
SB1012	65 46 30	164 4 45	2.0	1.00	5.00	.50	200	N	N	N	50	200	<1.0
SB1013	65 49 18	164 6 27	3.0	1.00	2.00	.50	200	N	N	N	100	500	1.0
SB1014	65 49 25	164 6 45	2.0	1.00	5.00	.50	500	N	N	N	50	300	<1.0
SB1015	65 50 9	164 4 50	2.0	1.00	5.00	.30	300	N	N	N	70	500	<1.0
SB1016	65 50 51	164 8 39	2.0	.70	.70	.50	300	N	N	N	70	500	1.0
SB1017	65 50 59	164 8 36	2.0	.70	3.00	.50	200	N	N	N	50	500	<1.0
SB1018	65 50 25	164 16 7	2.0	.70	5.00	.50	300	N	N	N	70	500	<1.0
SB1019	65 49 42	164 15 50	1.5	.70	5.00	.50	200	N	N	N	70	300	<1.0
SB1020	65 49 44	164 16 8	1.5	.50	.15	.50	150	N	N	N	70	500	<1.0
SB1021	65 48 37	164 14 45	1.5	1.00	7.00	.50	200	N	N	N	70	300	<1.0
SB1022	65 49 55	164 20 16	2.0	.70	.70	.50	500	N	N	N	70	300	1.0
SB1023	65 46 9	164 21 53	2.0	.50	.10	.50	300	N	N	N	100	300	1.0
SB1024	65 46 20	164 23 15	2.0	.70	1.00	.70	300	N	N	N	70	500	1.0
SB1025	65 45 25	164 25 38	2.0	.70	.15	.70	500	N	N	N	100	300	1.0
SB1026	65 45 36	164 26 20	2.0	.30	.05	.30	300	N	N	N	70	200	<1.0
SB1027	65 51 57	164 42 15	1.5	.30	.50	.50	500	N	N	N	150	500	3.0
SB1028	65 51 46	164 40 53	2.0	.30	.50	.70	1,000	N	N	N	50	200	5.0
SB1029	65 54 38	164 32 5	2.0	.50	.50	.50	500	N	N	N	50	500	5.0
SB1030	65 56 6	164 29 15	3.0	.70	.10	.70	300	N	N	N	100	300	1.0
SB1031	65 45 54	163 10 28	2.0	1.50	2.00	.50	700	<.5	N	N	100	500	7.0
SB1032	65 47 35	163 11 17	2.0	2.00	5.00	.50	700	<.5	200	N	150	300	2.0
SB1033	65 48 42	163 12 25	2.0	2.00	1.00	.70	500	<.5	N	N	200	300	3.0
SB1034	65 50 33	163 12 41	3.0	3.00	7.00	.50	700	<.5	N	N	100	700	1.5
SB1035	65 50 40	163 8 28	3.0	3.00	1.50	.70	700	<.5	N	N	100	300	2.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB0991	N	N	10	70	7	30	<5	N	20	15	N	7	N	<100
SB0992	N	N	15	100	10	100	<5	<20	20	50	N	10	<10	200
SB0993	N	N	5	50	7	20	N	N	10	10	N	7	N	N
SB0994	N	N	30	100	10	50	N	N	20	15	N	10	N	<100
SB0995	N	N	15	100	20	50	N	<20	50	30	N	7	N	<100
SB0996	N	N	15	70	10	<20	N	N	15	20	N	7	N	100
SB0997	N	N	7	50	7	N	<5	<20	10	<10	N	10	N	N
SB0998	N	N	15	100	10	20	N	<20	15	30	N	7	N	<100
SB0999	N	N	15	70	10	20	N	<20	15	20	N	7	N	<100
SB1000	N	N	15	70	10	<20	<5	<20	20	20	N	7	N	<100
SB1001	N	N	20	50	50	N	N	20	50	30	N	7	N	<100
SB1002	N	N	15	70	10	30	N	<20	20	20	N	10	N	100
SB1003	N	N	20	100	10	20	N	20	50	20	N	7	N	100
SB1004	N	N	15	70	5	100	7	30	15	30	N	5	15	150
SB1005	N	N	20	100	7	20	N	<20	30	20	N	10	N	100
SB1006	N	N	20	100	10	50	N	<20	20	20	N	10	N	100
SB1007	N	N	15	100	10	50	N	<20	20	20	N	7	N	<100
SB1008	N	N	20	100	20	50	10	N	50	30	N	10	N	200
SB1009	N	N	15	100	10	30	N	<20	20	20	N	7	N	200
SB1010	N	N	20	70	10	N	N	<20	20	20	N	7	N	200
SB1011	N	N	10	100	7	N	N	<20	20	20	N	7	N	500
SB1012	N	N	7	50	<5	20	N	<20	10	10	N	5	N	300
SB1013	N	N	15	150	10	50	N	N	20	15	N	10	N	100
SB1014	N	N	15	50	5	20	N	N	20	15	N	7	N	200
SB1015	N	N	15	70	10	N	N	N	20	10	N	5	N	150
SB1016	N	N	20	70	10	30	N	N	20	15	N	7	N	100
SB1017	N	N	15	70	10	20	<5	N	20	10	N	5	N	100
SB1018	N	N	15	70	10	20	N	N	20	15	N	7	N	200
SB1019	N	N	10	100	10	20	<5	<20	15	10	N	7	N	200
SB1020	N	N	7	50	5	N	N	<20	10	<10	N	7	N	N
SB1021	N	N	10	70	7	N	<5	N	15	15	N	7	N	300
SB1022	N	N	10	100	10	100	N	N	20	20	N	7	10	100
SB1023	N	N	15	100	10	50	N	N	20	20	N	10	N	<100
SB1024	N	N	15	70	10	50	N	<20	20	20	N	7	30	100
SB1025	N	N	15	100	10	50	N	<20	20	15	N	10	N	<100
SB1026	N	N	10	70	5	50	N	N	15	10	N	7	N	N
SB1027	N	N	7	15	<5	50	N	30	5	50	N	5	30	100
SB1028	N	N	5	20	5	200	7	50	5	50	N	5	>1,000	<100
SB1029	N	N	7	20	5	50	<5	20	7	30	N	<5	100	100
SB1030	N	N	10	100	10	50	N	<20	15	15	N	7	20	<100
SB1031	N	N	20	50	10	70	N	50	20	50	N	15	N	500
SB1032	N	N	30	70	15	30	N	<20	50	30	N	20	N	200
SB1033	N	N	20	100	10	N	N	20	50	20	N	20	N	200
SB1034	N	N	30	70	20	N	7	<20	70	50	N	20	N	200
SB1035	N	N	20	70	15	N	N	20	50	20	N	20	N	150

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB0991	70	N	20	N	100	N	--	N	70	.20	--	4
SB0992	70	<50	50	N	200	<100	--	N	55	.20	--	N
SB0993	50	N	20	N	70	N	--	N	110	.10	--	N
SB0994	70	N	30	N	100	N	--	N	85	.20	--	N
SB0995	100	N	30	N	200	N	--	N	70	.20	--	N
SB0996	100	N	20	N	100	N	--	N	45	.20	--	N
SB0997	100	N	30	N	100	N	--	N	65	.10	--	<2
SB0998	100	N	20	N	100	N	--	15	70	.20	--	N
SB0999	100	<50	20	N	100	N	--	10	55	.20	--	N
SB1000	70	N	20	N	100	N	--	10	75	.20	--	N
SB1001	100	N	30	N	150	N	--	15	75	.40	--	N
SB1002	70	N	20	N	100	N	--	5	75	.40	--	N
SB1003	70	N	30	N	100	N	--	<5	75	.20	--	N
SB1004	50	50	30	N	1,000	N	--	N	45	.10	--	N
SB1005	100	N	50	N	100	N	--	N	80	.30	--	N
SB1006	100	N	30	N	150	N	--	N	75	.20	--	N
SB1007	100	N	30	N	100	N	--	N	65	.40	--	N
SB1008	150	N	20	N	50	N	--	N	100	.60	--	N
SB1009	70	N	20	N	70	N	--	N	40	.20	--	N
SB1010	70	N	20	N	50	N	--	N	30	.10	--	N
SB1011	50	N	20	N	70	N	--	N	25	.10	--	N
SB1012	50	N	15	N	70	N	--	N	25	.10	--	N
SB1013	70	N	20	N	100	N	--	N	40	.20	--	N
SB1014	50	N	20	N	70	N	--	N	35	.10	--	N
SB1015	70	N	20	N	70	N	--	N	25	.10	--	N
SB1016	70	N	20	N	100	N	--	N	50	.40	--	N
SB1017	70	N	20	N	100	N	--	N	45	.40	--	N
SB1018	70	N	20	N	70	N	--	N	50	.30	--	N
SB1019	70	N	30	N	100	N	--	N	50	.20	--	N
SB1020	70	N	30	N	100	N	--	N	40	N	--	N
SB1021	70	N	30	N	70	N	--	N	35	.10	--	N
SB1022	70	N	50	N	150	N	--	5	60	<.10	--	N
SB1023	70	N	30	N	200	N	--	5	60	N	--	N
SB1024	100	N	30	N	100	N	--	5	70	<.10	--	N
SB1025	70	N	20	N	100	N	--	N	60	N	--	N
SB1026	70	N	20	N	100	N	--	N	55	N	--	N
SB1027	50	N	70	N	1,000	<100	--	N	40	N	--	N
SB1028	50	200	200	N	>1,000	100	--	N	40	<.10	--	N
SB1029	50	50	30	N	300	N	--	N	45	.10	--	N
SB1030	70	N	30	N	200	N	--	N	60	.40	--	N
SB1031	100	N	70	N	300	N	--	10	40	.30	N	N
SB1032	150	N	50	N	200	N	--	70	45	.20	N	8
SB1033	200	N	30	N	150	N	--	10	35	.10	N	N
SB1034	200	N	50	N	200	N	--	100	150	1.30	N	10
SB1035	200	N	30	N	200	N	--	30	50	.20	N	4

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB1036	65 50 44	163 8 43	3.0	3.00	2.00	1.00	500	<.5	N	N	150	500	2.0
SB1037	65 51 1	163 16 16	3.0	3.00	2.00	1.00	1,000	<.5	N	N	150	500	3.0
SB1038	65 52 12	163 11 32	2.0	2.00	1.00	1.00	1,000	<.5	N	N	150	700	2.0
SB1039	65 53 9	163 16 56	5.0	5.00	.30	.70	2,000	N	N	N	100	1,000	2.0
SB1040	65 53 59	163 11 50	5.0	5.00	1.00	1.00	2,000	<.5	N	N	150	1,500	3.0
SB1041	65 54 7	163 11 42	5.0	5.00	1.00	1.00	1,500	<.5	N	N	100	1,000	2.0
SB1042	65 54 49	163 16 25	5.0	5.00	.70	1.00	1,500	<.5	N	N	150	1,500	2.0
SB1043	65 55 31	163 16 29	5.0	5.00	.50	1.00	2,000	<.5	N	N	200	1,500	3.0
SB1044	65 55 32	163 19 0	5.0	5.00	.70	.70	3,000	.5	N	N	200	1,500	2.0
SB1045	65 55 18	163 18 47	3.0	3.00	.50	.70	1,500	N	N	N	100	700	2.0
SB1046	65 25 34	162 27 49	3.0	3.00	3.00	.50	1,000	N	N	N	100	500	1.0
SB1047	65 24 46	162 24 41	2.0	2.00	.70	.50	300	N	N	N	100	500	2.0
SB1048	65 23 50	162 18 54	3.0	1.00	.70	.50	1,000	<.5	N	N	100	700	3.0
SB1049	65 25 3	162 16 43	3.0	1.50	1.50	1.00	1,000	N	N	N	150	700	2.0
SB1050	65 24 5	162 13 2	5.0	1.50	2.00	1.00	1,000	N	N	N	100	300	2.0
SB1051	65 24 5	162 12 46	5.0	1.00	2.00	1.00	1,000	N	N	N	100	500	2.0
SB1052	65 23 45	162 10 12	5.0	1.00	1.00	1.00	700	N	N	N	150	700	2.0
SB1053	65 24 6	162 4 10	7.0	1.00	.70	1.00	1,000	N	N	N	100	1,000	3.0
SB1054	65 25 55	162 4 7	5.0	1.00	1.00	1.00	700	<.5	N	N	150	1,000	2.0
SB1055	65 26 40	162 5 54	3.0	1.00	1.00	.50	700	N	N	N	100	700	2.0
SB1056	65 26 56	162 4 31	5.0	1.00	1.00	1.00	2,000	N	N	N	150	1,000	2.0
SB1057	65 28 13	162 2 35	3.0	2.00	2.00	.50	1,500	N	N	N	70	1,000	2.0
SB1058	65 28 9	162 2 47	5.0	1.00	1.00	.70	1,500	N	N	N	70	1,000	3.0
SB1059	65 27 53	162 3 10	5.0	3.00	3.00	.70	2,000	N	N	N	70	1,000	2.0
SB1060	65 28 33	162 7 47	7.0	3.00	1.50	.70	1,500	N	N	N	100	1,500	2.0
SB1061	65 27 43	162 13 57	2.0	1.00	1.00	.30	1,000	N	N	N	50	1,500	2.0
SB1062	65 27 39	162 16 50	3.0	1.00	1.00	.30	1,000	N	N	N	50	2,000	2.0
SB1063	65 29 39	162 18 10	2.0	.70	.70	.30	500	N	N	N	50	1,500	2.0
SB1064	65 26 45	162 24 8	10.0	1.50	1.50	.70	2,000	N	N	N	10	1,000	1.5
SB1065	65 29 56	162 18 28	2.0	.70	1.00	.50	700	N	N	N	50	1,500	2.0
SB1066	65 31 32	162 20 11	3.0	1.00	1.50	1.00	1,000	N	N	N	150	1,000	2.0
SB1067	65 31 19	162 20 13	5.0	1.00	2.00	1.00	2,000	N	N	N	200	1,000	2.0
SB1068	65 31 35	162 22 8	3.0	1.00	1.00	1.00	1,500	<.5	N	N	50	500	1.5
SB1069	65 32 11	162 21 48	5.0	1.00	1.50	1.00	2,000	N	N	N	200	1,000	2.0
SB1070	65 28 19	162 25 35	2.0	.70	.50	.70	700	N	N	N	100	700	1.5
SB1071	65 29 2	162 28 50	1.0	.30	.50	.50	300	N	N	N	100	200	1.0
SB1072	65 34 19	162 22 21	5.0	1.00	.50	1.00	2,000	N	N	N	150	1,000	2.0
SB1073	65 32 1	162 26 23	2.0	.70	.70	1.00	500	<.5	N	N	100	700	2.0
SB1074	65 34 8	162 22 19	5.0	1.00	1.00	1.00	3,000	N	N	N	100	1,500	2.0
SB1075	65 33 44	162 16 16	7.0	1.50	1.00	1.00	2,000	N	N	N	200	2,000	2.0
SB1076	65 35 30	162 18 28	7.0	1.50	.20	1.00	3,000	N	N	N	100	1,500	2.0
SB1077	65 36 4	162 25 17	7.0	1.00	.30	1.00	2,000	N	N	N	150	1,500	2.0
SB1078	65 37 59	162 21 7	7.0	1.50	.20	1.00	2,000	<.5	N	N	100	2,000	3.0
SB1079	65 38 10	162 21 21	7.0	1.00	.15	1.00	2,000	N	N	N	150	2,000	2.0
SB1080	65 37 27	162 25 31	5.0	1.00	.30	.50	300	<.5	N	N	150	1,500	2.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB1036	N	N	30	100	30	30	5	20	70	20	N	20	N	150
SB1037	N	N	30	100	20	30	<5	20	70	30	N	30	N	200
SB1038	N	N	20	70	20	30	N	20	70	20	N	20	N	200
SB1039	N	N	50	50	15	20	<5	<20	30	15	N	15	N	200
SB1040	N	N	50	200	20	<20	N	20	100	20	N	30	N	200
SB1041	N	N	20	70	20	N	5	<20	70	150	N	20	N	150
SB1042	N	N	30	100	20	N	5	20	70	30	N	20	N	150
SB1043	N	N	30	300	20	30	7	20	70	30	N	30	N	300
SB1044	N	<20	50	100	50	20	7	<20	100	500	N	20	N	100
SB1045	N	N	30	70	10	20	<5	20	70	20	N	20	N	100
SB1046	N	N	10	50	10	N	N	20	30	<10	N	15	N	100
SB1047	N	N	10	50	7	N	N	N	30	20	N	15	N	100
SB1048	N	N	20	70	50	N	N	<20	30	30	N	20	N	200
SB1049	N	N	20	70	5	150	N	50	20	30	N	20	N	300
SB1050	N	N	20	50	5	N	N	20	20	20	N	30	N	300
SB1051	N	N	20	70	5	30	N	30	20	30	N	30	N	300
SB1052	N	N	20	70	15	N	N	<20	30	30	N	20	N	200
SB1053	N	N	50	100	20	50	N	20	50	50	N	20	N	200
SB1054	N	N	30	100	20	50	N	<20	50	30	N	20	N	200
SB1055	N	N	30	50	10	<20	N	<20	50	20	N	10	N	200
SB1056	N	N	20	70	5	N	<5	20	20	20	N	30	N	150
SB1057	N	N	20	50	7	20	<5	<20	20	50	N	15	N	200
SB1058	N	N	30	50	10	N	N	20	30	20	N	20	N	200
SB1059	N	N	30	300	10	N	<5	<20	100	20	N	20	N	300
SB1060	N	N	50	700	10	150	5	20	300	30	N	20	<10	300
SB1061	N	N	10	30	5	50	N	<20	20	15	N	15	<10	300
SB1062	N	N	15	30	7	N	N	<20	20	20	N	10	<10	300
SB1063	N	N	<5	20	<5	50	N	<20	15	15	N	10	<10	200
SB1064	N	N	20	30	10	<20	N	N	15	50	N	20	N	200
SB1065	N	N	15	50	7	<20	N	N	20	20	N	20	N	200
SB1066	N	N	20	100	10	50	N	20	30	30	N	30	N	200
SB1067	N	N	20	150	10	70	N	<20	30	30	N	30	N	300
SB1068	N	N	20	70	5	50	N	20	20	20	N	30	N	100
SB1069	N	N	20	100	10	50	N	50	30	30	N	50	N	200
SB1070	N	N	15	70	7	50	N	<20	15	20	N	20	N	<100
SB1071	N	N	7	20	<5	N	N	N	10	<10	N	5	N	<100
SB1072	N	N	30	100	10	N	N	50	50	20	N	50	N	100
SB1073	N	N	20	70	10	N	N	20	50	20	N	20	N	100
SB1074	N	N	50	100	15	50	N	20	70	50	N	30	N	200
SB1075	N	N	30	100	20	N	N	20	70	30	N	50	N	150
SB1076	N	N	50	70	15	N	N	20	50	30	N	30	N	100
SB1077	N	N	50	70	20	<20	N	30	70	30	N	30	N	100
SB1078	N	N	50	70	20	N	N	20	50	30	N	30	N	<100
SB1079	N	N	30	100	20	50	N	20	50	30	N	30	N	N
SB1080	N	N	30	50	20	50	N	20	50	30	N	20	N	150

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB1036	200	N	50	N	200	N	--	40	75	.30	N	14
SB1037	200	N	50	N	200	N	--	30	70	.40	N	N
SB1038	200	N	50	N	200	N	--	70	60	.20	N	N
SB1039	200	N	20	N	150	N	--	20	90	.40	N	N
SB1040	200	N	50	<200	300	N	--	10	80	.30	N	N
SB1041	200	N	30	<200	200	N	--	30	110	.50	N	8
SB1042	300	N	50	N	300	N	--	30	70	.10	N	N
SB1043	300	N	100	N	300	N	--	50	75	.30	N	8
SB1044	200	N	50	500	200	N	--	60	380	2.40	N	24
SB1045	300	N	30	<200	150	N	--	20	100	.70	N	N
SB1046	200	N	20	N	100	N	--	N	35	.10	N	N
SB1047	200	N	30	N	200	N	--	10	50	.20	N	N
SB1048	200	N	50	N	200	N	--	N	60	.30	N	N
SB1049	150	N	100	N	700	N	--	N	30	.10	N	N
SB1050	200	N	70	N	200	N	--	N	35	N	N	N
SB1051	200	N	100	N	300	N	--	N	30	N	N	N
SB1052	200	N	50	N	200	N	--	10	55	N	N	N
SB1053	200	N	50	N	200	N	--	N	95	.20	N	N
SB1054	200	N	70	N	200	N	--	N	75	.20	N	N
SB1055	150	N	30	N	200	N	--	10	95	.50	N	N
SB1056	200	N	70	N	300	N	--	N	35	.20	N	N
SB1057	150	N	100	N	200	N	--	10	60	.30	N	N
SB1058	200	N	50	N	200	N	--	N	50	.20	N	N
SB1059	200	N	50	N	200	N	--	N	35	.10	N	N
SB1060	200	N	50	N	200	N	--	N	35	.10	N	N
SB1061	100	N	50	N	200	N	--	N	40	.30	N	N
SB1062	150	N	50	N	200	N	--	N	30	.10	N	N
SB1063	100	N	50	N	200	N	--	N	20	.10	N	N
SB1064	200	N	50	<200	200	N	--	40	150	.60	N	N
SB1065	100	N	70	N	300	N	--	N	30	.10	N	N
SB1066	200	N	70	N	200	N	--	N	55	.20	N	N
SB1067	200	N	100	N	200	N	--	N	50	.20	N	N
SB1068	150	N	70	N	200	N	--	N	30	N	N	N
SB1069	200	N	100	N	200	N	--	N	65	.20	N	N
SB1070	150	N	70	N	300	N	--	N	25	N	N	N
SB1071	100	N	15	N	200	N	--	N	20	N	N	N
SB1072	200	N	100	N	200	N	--	N	55	.20	N	N
SB1073	200	N	50	N	300	N	--	N	40	N	N	N
SB1074	200	N	70	<200	300	N	--	10	110	.40	N	N
SB1075	200	N	100	<200	200	N	--	10	100	.50	N	N
SB1076	200	N	100	N	200	N	--	10	85	.50	N	N
SB1077	200	N	70	N	200	N	--	N	75	.10	N	N
SB1078	200	N	50	N	200	N	--	30	80	.10	N	N
SB1079	200	N	50	N	200	N	--	20	65	.10	N	N
SB1080	200	N	50	N	200	N	--	10	95	.30	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB1081	65 31 32	162 35 19	5.0	2.00	2.00	.70	1,500	N	N	N	30	1,000	1.0
SB1082	65 31 39	162 35 24	7.0	2.00	3.00	.70	2,000	N	N	N	30	500	<1.0
SB1083	65 31 38	162 34 26	3.0	2.00	5.00	.50	1,000	N	N	N	50	700	<1.0
SB1084	65 33 14	162 32 31	5.0	2.00	2.00	1.00	5,000	N	N	N	70	1,500	1.5
SB1085	65 31 31	162 31 17	3.0	1.00	2.00	.70	700	N	N	N	100	1,000	2.0
SB1086	65 33 39	162 30 52	7.0	1.50	2.00	1.00	1,000	N	N	N	100	1,500	2.0
SB1087	65 35 54	162 36 9	5.0	1.00	.70	1.00	700	<.5	N	N	100	1,500	3.0
SB1088	65 36 0	162 36 23	5.0	1.50	1.00	1.00	700	N	N	N	100	2,000	2.0
SB1089	65 35 4	162 43 15	7.0	1.00	1.50	1.00	2,000	N	N	N	100	1,500	2.0
SB1090	65 34 57	162 46 56	10.0	2.00	5.00	1.00	3,000	N	N	N	<10	300	1.5
SB1091	65 33 47	162 50 58	10.0	2.00	5.00	>1.00	3,000	N	N	N	20	500	1.5
SB1092	65 33 47	162 53 41	7.0	1.00	.70	1.00	1,500	N	N	N	100	1,500	2.0
SB1093	65 33 2	162 57 12	7.0	1.00	1.00	1.00	3,000	N	N	N	100	1,500	2.0
SB1094	65 35 10	163 3 49	2.0	.70	.50	.30	1,000	N	N	N	50	700	2.0
SB1095	65 37 27	163 2 11	7.0	1.00	1.00	.70	3,000	<.5	N	N	70	5,000	3.0
SB1096	65 38 48	163 3 8	5.0	1.00	1.00	.50	2,000	N	N	N	70	3,000	3.0
SB1097	65 41 33	163 4 28	7.0	1.00	.70	.70	1,500	N	N	N	100	2,000	3.0
SB1098	65 42 29	162 11 35	5.0	1.00	.15	1.00	1,000	N	N	N	150	1,000	3.0
SB1099	65 43 43	163 4 44	3.0	1.00	1.50	.70	2,000	N	N	N	70	1,500	5.0
SB1100	65 43 31	162 4 50	3.0	1.00	.20	.70	300	N	N	N	150	700	2.0
SB1101	65 43 23	162 4 49	3.0	1.00	.20	1.00	1,000	N	N	N	150	1,000	2.0
SB1102	65 41 40	162 8 36	3.0	1.00	.20	1.00	700	N	N	N	200	1,500	2.0
SB1103	65 41 58	162 1 26	5.0	1.00	.50	.70	2,000	N	N	N	100	1,000	3.0
SB1104	65 41 1	162 3 56	7.0	1.50	.20	>1.00	1,500	N	N	N	150	1,500	2.0
SB1105	65 54 52	162 21 4	3.0	1.00	.30	1.00	1,000	N	N	N	100	1,000	2.0
SB1106	65 55 3	162 21 18	7.0	1.00	.30	.70	>5,000	N	N	N	100	1,500	3.0
SB1107	65 54 15	162 25 56	5.0	1.00	.20	.50	300	N	N	N	200	1,500	3.0
SB1108	65 54 25	162 26 15	7.0	1.00	.50	1.00	1,000	N	N	N	150	1,000	2.0
SB1109	65 56 52	162 15 27	2.0	.70	.20	1.00	500	<.5	N	N	150	1,500	2.0
SB1110	65 57 1	162 15 49	7.0	1.00	.30	.70	1,500	N	N	N	100	1,500	3.0
SB1111	65 58 52	162 22 59	3.0	1.00	.70	.70	700	N	N	N	100	1,500	2.0
SB1112	65 58 49	162 23 21	5.0	1.50	1.50	1.00	5,000	N	N	N	70	1,000	1.5
SB1113	65 59 57	162 25 9	5.0	1.00	.50	.50	700	N	N	N	150	1,500	2.0
SB1114	65 59 55	162 32 0	3.0	1.00	.50	.70	1,000	N	N	N	150	1,000	3.0
SB1115	65 56 53	162 27 17	3.0	1.00	.30	.70	1,000	N	N	N	200	1,000	2.0
SB1116	65 55 37	162 28 24	3.0	1.00	.50	.70	500	N	N	N	150	1,500	2.0
SB1117	65 55 37	162 27 58	7.0	.20	.70	.10	2,000	N	N	N	10	300	2.0
SB1118	65 56 16	162 32 6	5.0	1.50	1.50	.50	700	N	N	N	150	1,000	2.0
SB1119	65 58 43	162 41 26	3.0	1.00	1.00	.50	1,000	N	N	N	100	700	2.0
SB1120	65 58 24	162 38 35	5.0	1.00	.70	.70	1,500	N	N	N	200	1,500	3.0
SB1121	65 57 18	162 41 14	3.0	1.00	.70	.50	1,000	N	N	N	100	1,500	2.0
SB1122	65 57 5	162 44 31	5.0	1.50	.20	.50	500	N	N	N	200	1,500	2.0
SB1123	65 55 22	162 44 2	3.0	1.00	2.00	.50	2,000	N	N	N	100	1,500	2.0
SB1124	65 53 37	162 35 58	3.0	1.50	.70	.50	700	N	N	N	100	1,500	2.0
SB1125	65 55 9	162 48 26	3.0	1.00	1.00	.50	1,000	N	N	N	150	2,000	2.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB1081	N	N	30	70	30	N	N	N	50	20	N	30	N	300
SB1082	N	N	70	70	50	N	N	N	50	15	N	50	N	300
SB1083	N	N	30	100	20	N	N	N	50	15	N	30	N	200
SB1084	N	N	50	200	30	50	N	<20	100	30	N	30	N	200
SB1085	N	N	20	70	7	N	N	<20	50	15	N	20	N	<100
SB1086	N	N	30	200	20	30	N	N	50	30	N	30	N	200
SB1087	N	N	20	70	20	50	N	<20	70	20	N	20	10	200
SB1088	N	N	20	150	20	30	N	<20	50	20	N	30	N	200
SB1089	N	N	50	200	20	20	N	N	70	20	N	30	N	300
SB1090	N	N	100	500	70	N	N	20	150	<10	N	50	N	500
SB1091	N	N	100	500	50	N	N	20	150	15	N	50	N	500
SB1092	N	N	30	150	20	20	N	<20	70	30	N	30	N	200
SB1093	N	N	50	150	30	N	N	<20	100	30	N	20	N	200
SB1094	N	N	10	30	15	N	N	N	30	10	N	15	N	N
SB1095	N	N	50	70	7	100	10	50	20	150	N	20	N	700
SB1096	N	N	30	50	10	100	N	<20	30	50	N	20	N	700
SB1097	N	N	30	70	10	50	N	<20	50	30	N	20	N	300
SB1098	N	N	20	70	15	N	N	30	30	50	N	30	N	N
SB1099	N	N	30	50	5	70	5	100	30	50	N	15	10	700
SB1100	N	N	20	70	10	N	N	N	30	50	N	20	N	200
SB1101	N	N	20	70	10	70	N	<20	30	30	N	30	N	100
SB1102	N	N	20	100	15	50	N	<20	30	30	N	50	N	100
SB1103	N	N	20	50	15	N	N	N	30	30	N	20	N	100
SB1104	N	N	30	200	15	<20	N	<20	70	50	N	50	N	<100
SB1105	N	N	20	70	10	N	N	<20	50	30	N	30	N	100
SB1106	N	N	100	70	10	20	N	20	70	50	N	30	N	100
SB1107	N	N	20	70	20	N	N	<20	70	15	N	20	N	N
SB1108	N	N	20	50	10	N	N	20	50	30	N	30	N	100
SB1109	N	N	10	70	5	N	N	<20	30	50	N	20	N	100
SB1110	N	N	30	70	10	50	N	<20	30	50	N	30	N	100
SB1111	N	N	20	100	20	50	N	<20	100	30	N	30	N	100
SB1112	N	N	70	70	30	N	N	<20	70	20	N	50	N	200
SB1113	N	N	20	70	10	20	N	<20	50	30	N	20	N	150
SB1114	N	N	20	50	10	30	N	<20	30	30	N	20	N	150
SB1115	N	N	30	70	7	<20	N	<20	50	20	N	30	N	100
SB1116	N	N	20	100	10	<20	N	<20	50	30	N	30	N	100
SB1117	N	N	50	15	7	N	N	N	20	10	N	10	N	N
SB1118	N	N	30	100	15	N	N	N	50	30	N	20	N	200
SB1119	N	N	20	50	10	N	N	<20	30	20	N	20	N	200
SB1120	N	N	50	100	20	50	N	<20	50	50	N	30	N	200
SB1121	N	N	50	70	20	30	N	N	50	30	N	30	N	200
SB1122	N	N	20	50	10	50	7	N	50	15	N	20	N	N
SB1123	N	N	30	50	10	N	N	N	50	20	N	20	N	200
SB1124	N	N	30	100	20	30	N	<20	50	30	N	30	N	200
SB1125	N	N	30	70	20	50	N	<20	70	50	N	30	N	200

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB1081	300	N	30	N	150	N	--	N	60	.10	N	N
SB1082	500	N	30	N	70	N	--	N	60	.20	N	N
SB1083	200	N	20	N	100	N	--	N	50	.20	N	N
SB1084	200	N	50	N	200	N	--	N	100	.40	N	N
SB1085	150	N	20	N	200	N	--	N	60	.20	N	N
SB1086	200	N	50	N	200	N	--	N	75	.20	N	N
SB1087	200	N	50	N	200	N	--	N	75	.20	N	N
SB1088	200	N	50	N	200	N	--	N	75	.20	N	N
SB1089	200	N	50	N	200	N	--	N	65	.20	N	N
SB1090	300	N	50	N	200	N	--	N	85	.20	N	N
SB1091	300	N	50	N	200	N	--	N	90	.20	N	N
SB1092	200	N	50	N	200	N	--	N	65	.20	N	N
SB1093	200	N	50	N	200	N	--	N	80	.30	N	N
SB1094	100	N	30	N	100	N	--	N	65	.30	N	N
SB1095	150	N	50	N	300	N	--	N	80	.20	N	N
SB1096	150	N	50	N	200	N	--	N	65	.20	N	N
SB1097	200	N	50	N	300	N	--	N	70	.20	N	N
SB1098	200	N	30	N	200	N	--	10	65	.20	N	N
SB1099	100	<50	70	N	700	N	--	N	30	.10	N	N
SB1100	150	N	30	N	200	N	--	N	50	N	N	N
SB1101	150	N	30	N	200	N	--	N	55	.20	N	N
SB1102	200	N	50	N	200	N	--	N	50	.10	N	N
SB1103	150	N	50	N	150	N	--	N	45	.30	N	N
SB1104	200	N	50	N	150	N	--	10	80	.30	N	N
SB1105	200	N	50	N	200	N	--	10	65	.10	N	N
SB1106	200	<50	50	N	200	N	--	N	75	.40	N	N
SB1107	200	N	50	N	200	N	--	N	85	.10	N	N
SB1108	200	N	100	N	200	N	--	50	60	.20	N	N
SB1109	150	N	50	N	200	N	--	20	40	.20	N	N
SB1110	200	N	50	N	150	N	--	60	70	.20	N	N
SB1111	200	N	70	N	200	N	--	<10	85	.20	N	N
SB1112	200	N	70	N	150	N	--	10	95	.30	N	N
SB1113	200	N	50	N	200	N	--	N	80	.10	N	N
SB1114	200	N	70	N	200	N	--	10	70	.20	N	N
SB1115	200	N	70	N	300	N	--	N	75	.10	N	N
SB1116	200	N	70	N	300	N	--	N	95	.10	N	N
SB1117	100	N	30	N	50	N	--	N	180	.30	N	N
SB1118	200	N	50	N	200	N	--	10	70	.10	N	N
SB1119	150	N	50	N	200	N	--	N	45	.10	N	N
SB1120	200	N	70	N	300	N	--	N	90	.20	N	N
SB1121	200	N	50	N	200	N	--	N	100	.30	N	N
SB1122	200	N	30	<200	200	N	--	N	100	.10	N	N
SB1123	150	N	30	N	150	N	--	10	60	.20	N	N
SB1124	200	N	70	N	300	N	--	N	95	.20	N	N
SB1125	200	N	70	N	200	N	--	N	140	.50	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB1126	65 54 53	162 48 35	3.0	1.50	.50	.50	2,000	N	N	N	150	2,000	2.0
SB1127	65 52 47	162 29 37	3.0	1.00	.50	.50	500	N	N	N	150	1,500	2.0
SB1128	65 51 51	162 38 6	5.0	2.00	3.00	.50	2,000	N	N	N	150	1,000	2.0
SB1129	65 51 43	162 38 54	3.0	2.00	5.00	.50	1,000	N	N	N	200	1,500	2.0
SB1130	65 50 38	162 40 23	7.0	1.00	.70	.50	2,000	N	N	N	100	2,000	2.0
SB1131	65 49 6	162 41 46	3.0	1.50	3.00	.50	700	N	N	N	100	300	2.0
SB1132	65 49 12	162 42 3	2.0	.70	.50	.50	300	N	N	N	100	700	3.0
SB1133	65 50 0	162 48 46	5.0	.15	.20	.07	500	N	N	N	10	300	2.0
SB1134	65 51 29	162 48 22	3.0	.70	.30	.50	500	N	N	N	100	1,000	3.0
SB1135	65 52 14	162 45 46	5.0	1.00	.10	.50	1,000	N	N	N	70	1,000	1.0
SB1136	65 52 34	162 53 34	3.0	.70	.20	.50	700	N	N	N	100	700	2.0
SB1137	65 54 23	162 59 3	3.0	1.00	.70	.50	1,500	N	N	N	100	1,000	2.0
SB1138	65 54 53	162 59 50	5.0	1.00	.50	.50	500	N	N	N	100	1,000	3.0
SB1139	65 56 49	162 57 42	5.0	1.00	.50	.50	1,500	N	N	N	100	1,000	3.0
SB1140	65 56 36	162 59 1	3.0	.70	.70	.50	700	N	N	N	100	1,000	3.0
SB1141	65 59 5	162 54 35	5.0	.20	.50	.10	700	N	N	N	20	500	2.0
SB1142	65 59 52	162 50 33	7.0	.70	.50	.30	700	N	N	N	50	1,000	2.0
SB1143	65 57 48	163 1 59	5.0	1.00	.50	.50	1,000	N	N	N	100	1,000	3.0
SB1144	65 59 44	163 8 21	5.0	.70	.50	.50	500	N	N	N	100	1,000	2.0
SB1145	65 59 21	163 10 47	5.0	1.00	1.00	.50	1,500	N	N	N	100	1,000	3.0
SB1146	65 59 27	163 11 1	5.0	1.00	.50	.50	1,000	N	N	N	100	1,500	2.0
SB1147	65 57 45	163 9 46	5.0	1.50	.70	.50	1,000	N	N	N	100	2,000	2.0
SB1148	65 27 41	162 6 59	3.0	.70	.70	.20	1,000	N	N	N	70	1,000	2.0
SB1149	65 29 10	162 10 48	5.0	2.00	1.50	.70	1,000	N	N	N	70	1,500	1.0
SB1150	65 29 25	162 5 9	3.0	1.00	1.00	.50	700	N	N	N	50	700	2.0
SB1151	65 29 56	162 3 22	5.0	1.00	.70	.50	1,000	N	N	N	100	1,000	2.0
SB1152	65 31 58	162 2 4	7.0	1.00	.70	.50	1,000	N	N	N	200	1,500	2.0
SB1153	65 32 41	162 4 48	7.0	1.50	1.00	.70	1,000	N	N	N	100	1,500	2.0
SB1154	65 32 55	162 4 54	5.0	1.00	.70	.50	1,000	N	N	N	70	1,000	2.0
SB1155	65 34 41	162 0 8	7.0	1.00	1.00	.70	1,000	N	N	N	150	1,000	3.0
SB1156	65 36 0	162 0 20	5.0	1.00	.50	.70	700	N	N	N	100	1,000	2.0
SB1157	65 37 58	162 2 12	10.0	1.50	.20	.70	700	N	N	N	100	2,000	2.0
SB1158	65 36 21	162 5 10	7.0	1.00	.50	1.00	1,000	N	N	N	300	1,500	2.0
SB1159	65 36 14	162 5 7	5.0	1.00	1.00	.70	1,000	N	N	N	100	1,000	2.0
SB1160	65 33 56	162 10 1	7.0	2.00	1.50	.70	700	N	N	N	200	2,000	2.0
SB1161	65 33 49	162 9 47	5.0	2.00	3.00	.70	1,000	N	N	N	200	1,500	2.0
SB1162	65 38 6	162 10 0	7.0	1.50	.30	1.00	1,000	N	N	N	200	1,000	2.0
SB1163	65 38 10	162 10 26	7.0	1.50	.30	1.00	1,000	N	N	N	200	1,500	2.0
SB1164	65 39 8	162 9 11	10.0	1.50	.20	.50	1,000	N	N	N	200	1,500	3.0
SB1165	65 39 6	162 8 42	10.0	1.50	.30	1.00	1,000	N	N	N	300	1,000	2.0
SB1166	65 40 27	162 29 42	5.0	1.50	1.00	.50	500	N	N	N	100	1,500	2.0
SB1167	65 39 42	162 32 12	5.0	2.00	3.00	.50	1,000	N	N	N	70	1,500	2.0
SB1168	65 38 27	162 31 45	7.0	1.50	1.00	.70	500	N	N	N	150	1,000	2.0
SB1169	65 40 11	162 38 51	5.0	1.00	.50	.50	1,000	N	N	N	100	1,000	2.0
SB1170	65 39 30	162 40 31	7.0	1.00	.50	.50	1,000	N	N	N	100	1,000	1.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB1126	N	N	30	70	15	20	N	N	50	30	N	20	N	200
SB1127	N	N	20	70	10	50	N	<20	50	30	N	20	N	200
SB1128	N	N	30	70	10	30	N	<20	50	20	N	20	N	300
SB1129	N	N	30	100	30	30	N	N	70	30	N	20	N	500
SB1130	N	N	70	70	15	50	N	N	50	30	N	30	N	200
SB1131	N	N	15	100	10	N	N	N	50	20	N	10	N	100
SB1132	N	N	15	100	20	<20	N	N	30	20	N	10	N	<100
SB1133	N	N	10	10	10	N	N	N	10	10	N	<5	N	N
SB1134	N	N	10	70	20	<20	N	N	30	30	N	10	N	<100
SB1135	N	N	30	150	30	N	N	N	50	20	N	10	N	<100
SB1136	N	N	10	50	20	N	N	N	20	20	N	5	N	N
SB1137	N	N	15	50	20	N	N	N	20	20	N	7	N	N
SB1138	N	N	20	100	30	<20	N	N	50	30	N	10	N	N
SB1139	N	N	30	100	30	N	N	N	50	30	N	10	N	N
SB1140	N	N	20	70	30	N	N	N	30	20	N	10	N	N
SB1141	N	N	30	10	10	N	N	N	10	<10	N	5	N	N
SB1142	N	N	30	70	15	N	N	N	20	20	N	10	N	N
SB1143	N	N	20	100	20	N	N	N	30	30	N	10	N	N
SB1144	N	N	20	100	20	N	N	N	30	20	N	10	N	N
SB1145	N	N	20	100	30	N	N	N	50	20	N	10	N	N
SB1146	N	N	20	100	30	N	N	<20	50	30	N	10	N	N
SB1147	N	N	30	150	50	N	10	<20	100	30	N	10	N	N
SB1148	N	N	10	100	15	N	N	20	15	50	N	10	N	N
SB1149	N	N	30	150	30	N	N	N	100	50	N	20	N	100
SB1150	N	N	10	50	15	N	N	N	30	20	N	10	N	<100
SB1151	N	N	20	70	50	N	N	<20	30	30	N	10	N	N
SB1152	N	N	50	100	70	<20	N	<20	50	50	N	15	N	100
SB1153	N	N	20	100	70	<20	N	<20	50	50	N	20	N	<100
SB1154	N	N	10	50	50	<20	N	<20	20	50	N	10	N	<100
SB1155	N	N	10	100	50	50	N	<20	20	50	N	20	N	N
SB1156	N	N	10	70	30	N	N	<20	20	30	N	15	N	N
SB1157	N	N	20	100	100	N	N	<20	20	70	N	20	N	N
SB1158	10	N	50	100	100	N	N	20	100	30	N	20	N	N
SB1159	N	N	15	70	70	N	N	<20	20	30	N	20	N	<100
SB1160	N	N	30	100	100	20	N	<20	70	50	N	20	N	<100
SB1161	N	N	20	100	50	100	N	N	30	50	N	20	N	200
SB1162	N	N	20	100	70	20	N	<20	50	30	N	20	N	N
SB1163	N	N	20	100	70	N	N	<20	50	30	N	20	N	N
SB1164	N	N	50	100	100	<20	N	N	70	50	N	15	N	<100
SB1165	N	N	50	100	100	<20	N	<20	50	50	N	20	N	<100
SB1166	N	N	10	100	50	20	N	N	20	30	N	10	N	300
SB1167	N	N	20	100	20	100	N	20	10	30	N	15	N	700
SB1168	N	N	50	300	100	<20	N	<20	70	50	N	20	N	<100
SB1169	N	N	20	100	50	<20	N	N	50	30	N	10	N	N
SB1170	N	N	20	100	50	<20	N	N	50	30	N	10	N	<100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB1126	200	N	50	N	200	N	--	N	100	.10	N	N
SB1127	200	N	50	N	300	N	--	N	95	.20	N	N
SB1128	150	N	70	N	200	N	--	N	70	.20	N	N
SB1129	200	N	30	N	200	N	--	N	75	.10	N	N
SB1130	200	N	50	N	200	N	--	20	120	.30	N	N
SB1131	100	N	20	<200	100	N	--	10	50	.10	N	N
SB1132	100	N	50	<200	200	N	--	N	120	.10	N	N
SB1133	50	N	20	<200	50	N	--	N	190	.80	N	N
SB1134	100	N	50	<200	150	N	--	N	95	.30	N	N
SB1135	100	N	20	<200	150	N	--	10	85	.20	N	N
SB1136	70	N	20	<200	200	N	--	N	55	.10	N	N
SB1137	100	N	20	<200	150	N	--	30	60	.10	N	N
SB1138	100	N	30	<200	200	N	--	N	95	.30	N	N
SB1139	100	N	20	<200	150	N	--	N	80	.30	N	N
SB1140	100	N	30	<200	100	N	--	N	100	.30	N	N
SB1141	50	N	20	<200	50	N	--	N	220	.70	N	N
SB1142	100	N	20	<200	100	N	--	N	110	.40	N	N
SB1143	100	N	20	<200	200	N	--	N	95	.30	N	N
SB1144	100	N	20	<200	200	N	--	N	75	.30	N	N
SB1145	100	N	20	<200	200	N	--	10	95	.30	N	N
SB1146	100	N	20	<200	200	N	--	10	70	.30	N	N
SB1147	100	N	20	<200	200	N	--	30	80	.20	N	N
SB1148	100	N	50	<200	300	N	--	N	50	.20	N	N
SB1149	150	N	50	<200	150	N	--	N	45	.20	N	N
SB1150	100	N	20	<200	200	N	--	N	40	.10	N	N
SB1151	100	N	50	<200	200	N	--	N	60	.40	N	N
SB1152	150	N	50	<200	200	N	--	N	110	.50	N	N
SB1153	150	N	70	<200	200	N	--	N	55	.30	N	N
SB1154	100	N	70	<200	200	N	--	N	65	.20	N	N
SB1155	100	N	70	<200	300	N	--	N	50	.20	N	N
SB1156	200	N	50	<200	200	N	--	N	65	.20	N	N
SB1157	200	N	20	<200	200	N	--	20	120	.10	N	N
SB1158	200	N	50	<200	200	N	--	20	150	.80	13.0	N
SB1159	200	N	50	<200	200	N	--	N	130	.50	N	N
SB1160	200	N	50	<200	150	N	--	N	120	.60	N	N
SB1161	150	100	50	<200	200	N	--	N	130	.60	N	N
SB1162	150	N	50	<200	200	N	--	N	120	.60	N	N
SB1163	150	N	50	<200	100	N	--	N	130	.30	N	N
SB1164	200	N	20	<200	150	N	--	170	140	.90	N	N
SB1165	200	N	50	<200	150	N	--	N	100	.50	N	N
SB1166	100	N	50	<200	200	N	--	N	45	.10	N	N
SB1167	100	N	50	<200	300	N	--	10	40	.10	N	N
SB1168	200	N	50	<200	200	N	--	N	100	.40	N	N
SB1169	100	N	50	<200	200	N	--	20	150	.50	N	N
SB1170	150	N	50	<200	200	N	--	N	100	.20	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB1171	65 40 15	162 41 58	5.0	1.00	.50	.30	700	N	N	N	100	700	2.0
SB1172	65 45 58	162 45 51	5.0	1.50	2.00	.50	700	N	N	N	150	500	1.0
SB1173	65 43 55	162 37 46	5.0	.70	5.00	.30	2,000	N	N	N	100	1,000	2.0
SB1174	65 43 54	162 32 35	7.0	2.00	2.00	.50	1,000	N	N	N	50	1,000	5.0
SB1175	65 28 24	162 33 34	5.0	1.00	1.00	.50	700	N	N	N	100	700	<1.0
SB1176	65 28 22	162 33 10	5.0	1.00	.50	.50	1,000	N	N	N	100	1,500	3.0
SB1177	65 29 26	162 31 47	5.0	1.00	2.00	.50	700	N	N	N	100	700	2.0
SB1178	65 29 8	162 31 52	3.0	.50	.50	.50	500	N	N	N	70	1,000	1.0
SB1179	65 29 18	162 38 37	5.0	1.00	.70	.50	1,000	N	N	N	50	700	1.0
SB1180	65 29 53	162 40 33	5.0	5.00	5.00	.70	1,500	N	N	N	30	500	<1.0
SB1181	65 55 48	163 20 10	5.0	1.00	.20	.50	700	N	N	N	100	500	3.0
SB1182	65 55 40	163 20 20	5.0	1.00	.70	.50	1,500	1.0	N	N	100	1,000	3.0
SB1183	65 53 59	163 21 55	3.0	1.00	.50	.50	500	N	N	N	100	500	2.0
SB1184	65 54 2	163 22 16	2.0	.70	.20	.50	500	N	N	N	100	500	2.0
SB1185	65 56 44	163 21 26	3.0	.70	.20	.70	700	N	N	N	150	500	2.0
SB1186	65 56 37	163 21 48	5.0	.70	.20	.50	1,500	N	N	N	100	1,000	2.0
SB1187	65 55 5	163 22 58	3.0	1.00	.30	.50	700	N	N	N	100	500	3.0
SB1188	65 55 22	163 22 49	3.0	1.00	.20	.50	1,000	N	N	N	100	500	2.0
SB1189	65 56 25	163 17 48	5.0	1.00	.20	.50	1,500	N	N	N	150	1,000	2.0
SB1190	65 58 4	163 18 19	5.0	1.00	.50	.70	1,500	N	N	N	150	1,500	3.0
SB1191	65 58 8	163 18 43	7.0	1.00	.30	.50	1,500	N	N	N	100	1,000	2.0
SB1192	65 59 13	163 19 39	5.0	1.00	.70	.50	1,000	N	N	N	100	1,000	2.0
SB1193	65 57 1	163 26 13	5.0	1.00	.30	.50	1,000	N	N	N	100	700	3.0
SB1194	65 57 9	163 26 12	2.0	.70	.50	.50	700	N	N	N	100	300	<1.0
SB1195	65 57 39	163 28 23	5.0	1.00	.20	.50	2,000	N	N	N	100	700	2.0
SB1196	65 57 40	163 27 55	5.0	1.00	.50	.50	1,000	N	N	N	100	500	2.0
SB1197	65 58 17	163 25 24	5.0	1.00	.30	.50	1,000	N	N	N	100	500	2.0
SB1198	65 56 16	163 27 32	3.0	1.00	.20	.50	1,000	N	N	N	100	500	3.0
SB1199	65 56 19	163 28 34	3.0	1.00	.30	.50	500	N	N	N	100	500	2.0
SB1200	65 56 37	163 28 50	5.0	1.00	.50	.50	1,000	N	N	N	100	500	2.0
SB1201	65 55 57	163 29 29	3.0	1.50	1.00	.50	700	N	N	N	100	500	3.0
SB1202	65 58 46	163 30 28	3.0	1.00	.30	.50	500	N	N	N	100	700	2.0
SB1203	65 58 44	163 30 48	3.0	1.00	.50	.50	700	N	N	N	70	1,000	2.0
SB1204	65 57 55	163 36 55	2.0	1.00	.30	.50	700	N	N	N	70	1,000	2.0
SB1205	65 57 5	163 34 3	7.0	.30	.50	.10	5,000	N	N	N	50	500	3.0
SB1206	65 57 2	163 33 45	2.0	1.00	.30	.50	500	N	N	N	100	1,000	3.0
SB1207	65 55 34	163 35 15	2.0	1.00	.20	.50	500	N	N	N	100	1,000	3.0
SB1208	65 53 21	163 32 36	3.0	1.00	3.00	.30	1,500	<.5	N	N	100	2,000	2.0
SB1209	65 53 54	163 29 47	3.0	1.00	1.00	.50	700	N	N	N	150	1,000	3.0
SB1210	65 54 2	163 29 28	2.0	.70	.20	.50	500	N	N	N	100	1,500	2.0
SB1211	65 32 48	162 40 7	2.0	1.00	.50	.50	500	N	N	N	100	1,000	2.0
SB1212	65 32 2	162 44 2	7.0	2.00	3.00	1.00	1,500	N	N	N	50	1,000	2.0
SB1213	65 32 7	162 44 17	7.0	1.50	2.00	1.00	1,500	N	N	N	50	500	1.0
SB1214	65 31 16	162 51 7	10.0	1.00	1.50	1.00	5,000	N	N	N	50	500	2.0
SB1215	65 27 15	162 51 42	3.0	.70	1.00	.50	700	N	N	N	30	1,500	3.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB1171	N	N	20	100	50	<20	N	N	50	20	N	15	N	<100
SB1172	N	N	20	100	20	N	N	N	50	30	N	20	N	<100
SB1173	N	N	20	50	20	N	N	N	30	20	N	10	N	<100
SB1174	N	N	20	70	50	100	<5	20	20	30	N	20	N	700
SB1175	N	N	15	2,000	20	N	N	N	50	20	N	15	N	<100
SB1176	N	N	15	70	30	<20	N	N	20	50	N	20	N	<100
SB1177	N	N	10	200	30	50	N	N	30	30	N	10	N	<100
SB1178	N	N	5	30	15	N	N	N	10	20	N	5	N	N
SB1179	N	N	10	100	20	N	N	N	15	20	N	10	N	100
SB1180	N	N	20	300	30	N	N	N	20	20	N	20	N	100
SB1181	N	N	30	100	30	20	<5	<20	50	150	N	10	N	N
SB1182	N	N	30	100	30	N	<5	<20	70	1,000	100	10	10	N
SB1183	N	N	10	50	20	N	<5	N	30	20	N	5	N	N
SB1184	N	N	10	50	30	N	<5	N	50	20	N	5	N	N
SB1185	N	N	20	70	30	N	N	<20	50	20	N	10	N	N
SB1186	N	N	20	70	20	N	<5	N	50	20	N	10	N	N
SB1187	N	N	10	70	30	N	<5	N	50	30	N	10	N	N
SB1188	N	N	10	50	20	N	N	N	30	20	N	10	N	N
SB1189	N	N	50	100	50	N	<5	<20	70	100	N	15	<10	N
SB1190	N	N	20	70	50	20	<5	<20	50	20	N	10	N	<100
SB1191	N	N	20	50	30	N	N	N	50	20	N	15	N	N
SB1192	50	N	15	50	20	<20	N	N	30	50	N	10	N	100
SB1193	N	N	20	70	50	N	N	N	70	30	N	10	N	N
SB1194	N	N	10	50	10	N	N	N	30	20	N	5	N	N
SB1195	N	N	20	50	20	N	N	N	20	20	N	10	N	N
SB1196	N	N	20	50	30	N	N	N	30	20	N	10	N	N
SB1197	N	N	20	70	30	N	N	N	50	30	N	10	N	N
SB1198	N	N	10	50	10	70	N	N	20	20	N	5	N	N
SB1199	N	N	10	50	15	N	N	N	30	20	N	5	N	N
SB1200	N	N	20	70	30	N	N	N	30	20	N	10	N	N
SB1201	N	N	20	70	30	N	N	N	50	30	N	10	N	<100
SB1202	N	N	10	70	15	N	N	N	30	20	N	10	N	N
SB1203	N	N	10	50	15	N	N	<20	30	50	N	10	N	<100
SB1204	N	N	10	50	15	N	<5	N	30	20	N	5	N	N
SB1205	N	N	50	30	15	N	N	<20	20	10	N	10	N	N
SB1206	N	N	10	70	30	N	N	N	20	20	N	15	N	N
SB1207	N	N	10	50	20	N	N	N	20	10	N	5	N	N
SB1208	N	N	20	50	50	N	10	N	70	30	N	10	N	200
SB1209	N	N	15	50	20	N	N	N	50	20	N	10	N	<100
SB1210	N	N	10	50	10	N	5	N	30	20	N	<5	N	N
SB1211	N	N	10	100	30	N	N	N	30	20	N	15	N	<100
SB1212	N	N	30	300	50	N	N	N	70	30	N	30	N	200
SB1213	N	N	30	300	50	N	N	<20	50	30	N	20	N	200
SB1214	N	N	50	200	50	N	N	<20	100	10	N	20	N	200
SB1215	N	N	10	70	10	N	N	N	20	50	N	5	N	700

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB1171	100	N	50	<200	200	N	--	10	140	.40	N	N
SB1172	200	N	50	<200	200	N	--	10	110	.30	N	N
SB1173	100	N	50	<200	200	N	--	N	130	.20	N	N
SB1174	200	N	50	<200	1,000	N	--	N	35	.10	N	N
SB1175	150	N	70	<200	100	N	--	N	80	.30	N	N
SB1176	200	N	50	<200	100	N	--	20	230	1.00	N	N
SB1177	100	N	20	<200	100	N	--	N	100	.40	N	N
SB1178	100	N	15	<200	200	N	--	N	75	.20	N	N
SB1179	100	N	20	<200	100	N	--	N	70	.10	N	N
SB1180	150	N	20	<200	100	N	--	N	100	.20	N	N
SB1181	100	N	50	<200	200	N	--	10	110	.50	N	6
SB1182	100	N	30	1,000	200	N	--	140	1,200	11.00	N	75
SB1183	100	N	20	<200	200	N	--	10	70	.60	N	N
SB1184	100	N	20	200	150	N	--	10	240	2.40	N	N
SB1185	100	N	30	<200	150	N	--	--	--	--	N	--
SB1186	100	N	20	<200	150	N	--	N	70	.40	N	N
SB1187	100	N	20	<200	200	N	--	20	140	2.10	N	N
SB1188	100	N	20	<200	150	N	--	10	70	.50	N	N
SB1189	150	N	20	500	150	N	--	20	270	1.90	N	N
SB1190	150	N	30	<200	200	N	--	N	90	.30	N	N
SB1191	100	N	30	<200	150	N	--	20	100	.40	N	N
SB1192	100	N	20	<200	200	N	--	20	110	.40	N	N
SB1193	100	N	20	<200	200	N	--	N	120	.30	N	N
SB1194	100	N	50	<200	200	N	--	--	50	.10	N	N
SB1195	100	N	50	<200	150	N	--	--	75	.10	N	N
SB1196	100	N	20	<200	100	N	--	10	75	.30	N	N
SB1197	100	N	20	<200	150	N	--	40	95	.40	N	N
SB1198	100	N	20	<200	200	N	--	--	--	--	N	N
SB1199	70	N	20	<200	200	N	--	N	50	N	N	N
SB1200	100	N	30	<200	200	N	--	N	80	.20	N	N
SB1201	70	N	30	N	150	N	--	N	80	.20	N	N
SB1202	70	N	20	N	150	N	--	30	90	.30	N	N
SB1203	70	N	20	N	150	N	--	N	100	.20	N	N
SB1204	100	N	100	N	150	N	--	--	--	--	N	N
SB1205	70	N	30	N	70	N	--	N	190	.80	N	N
SB1206	100	N	30	N	100	N	--	N	100	.60	N	N
SB1207	100	N	30	N	200	N	--	N	65	.20	N	N
SB1208	200	N	30	N	100	N	--	20	180	2.00	N	4
SB1209	100	N	20	N	150	N	--	N	120	.90	N	N
SB1210	100	N	20	N	200	N	--	10	100	.60	N	N
SB1211	100	N	30	N	100	N	--	N	75	.20	N	N
SB1212	200	N	30	N	100	N	--	N	110	.20	N	N
SB1213	200	N	30	N	200	N	--	N	110	.20	N	N
SB1214	200	N	30	N	150	N	--	N	50	.10	N	N
SB1215	70	N	15	N	100	N	--	N	55	.10	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB1216	65 28 9	162 54 15	7.0	1.00	1.00	1.00	1,000	<.5	N	N	70	700	1.0
SB1217	65 25 20	162 50 6	2.0	.50	1.00	.30	500	N	N	N	50	1,500	3.0
SB1218	65 24 24	162 51 46	3.0	1.00	1.00	.70	1,000	N	N	N	20	1,500	3.0
SB1219	65 23 52	162 46 29	2.0	.70	1.00	.30	700	N	N	N	20	1,500	5.0
SB1220	65 26 13	162 45 26	5.0	1.50	2.00	.70	1,000	N	N	N	10	1,000	2.0
SB1221	65 27 47	162 43 47	10.0	2.00	2.00	1.00	1,000	N	N	N	50	700	1.0
SB1222	65 27 54	162 43 26	7.0	2.00	3.00	.70	1,000	N	N	N	100	700	1.0
SB1223	65 27 4	162 41 27	7.0	1.00	1.00	.50	700	N	N	N	100	1,500	3.0
SB1224	65 26 15	162 34 16	5.0	.50	1.00	.70	1,500	N	N	N	100	500	2.0
SB1225	65 24 55	162 38 35	5.0	1.00	1.00	.70	700	N	N	N	100	1,000	2.0
SB1226	65 23 35	162 30 30	10.0	.50	1.00	.15	5,000	N	N	N	50	700	2.0
SB1227	65 17 50	162 34 1	5.0	.70	1.00	.50	500	N	N	N	30	1,000	3.0
SB1228	65 17 38	162 36 56	5.0	1.00	1.00	.50	1,000	N	N	N	50	1,000	3.0
SB1229	65 17 43	162 37 8	2.0	.70	1.00	.30	500	N	N	N	30	1,000	3.0
SB1230	65 19 3	162 40 34	3.0	1.00	1.50	.50	700	N	N	N	20	1,500	2.0
SB1231	65 19 47	162 42 48	2.0	.50	1.00	.30	500	N	N	N	20	1,000	5.0
SB1232	65 19 50	162 43 15	2.0	.50	1.00	.30	500	N	N	N	15	1,000	5.0
SB1233	65 22 4	162 38 51	2.0	1.00	1.50	.30	500	N	N	N	50	1,500	3.0
SB1234	65 20 47	162 47 41	5.0	1.00	1.50	.50	1,000	N	N	N	20	1,000	3.0
SB1235	65 21 20	162 36 6	3.0	.50	1.00	.30	700	N	N	N	30	1,000	3.0
SB1236	65 20 27	162 34 7	1.5	.30	.50	.20	1,000	N	N	N	20	1,000	3.0
SB1237	65 21 11	162 29 12	3.0	.70	1.00	.70	1,500	N	N	N	50	1,000	3.0
SB1238	65 20 2	162 25 36	5.0	1.00	1.50	.70	1,500	N	N	N	100	1,000	3.0
SB1239	65 20 3	162 25 11	3.0	1.00	1.00	.50	700	N	N	N	50	1,000	3.0
SB1240	65 18 37	162 23 21	5.0	1.00	1.00	.70	1,000	N	N	N	70	1,000	3.0
SB1241	65 18 31	162 23 8	3.0	1.00	1.00	.50	1,000	N	N	N	50	1,000	3.0
SB1242	65 18 1	162 20 0	5.0	3.00	2.00	.50	700	N	N	N	100	1,500	2.0
SB1243	65 16 16	162 21 21	3.0	1.00	1.00	.50	700	<.5	N	N	150	1,500	3.0
SB1244	65 17 58	162 19 14	5.0	1.50	1.50	.50	1,000	N	N	N	200	1,500	3.0
SB1245	65 18 2	162 16 19	3.0	1.50	3.00	.50	1,000	N	N	N	100	1,000	2.0
SB1246	65 17 58	162 16 1	2.0	1.00	1.50	.20	1,500	N	N	N	100	1,000	2.0
SB1247	65 14 31	163 48 1	5.0	1.50	1.00	.50	500	N	N	N	200	1,000	5.0
SB1248	65 14 31	163 48 20	5.0	1.50	1.00	.30	500	N	N	N	100	1,500	3.0
SB1249	65 14 37	163 48 16	5.0	.70	.50	.30	1,000	<.5	N	N	150	2,000	5.0
SB1250	65 13 35	163 45 10	7.0	2.00	2.00	.50	1,000	N	N	N	100	1,000	3.0
SB1251	65 13 13	163 41 52	5.0	2.00	1.00	.30	700	N	N	N	200	1,500	5.0
SB1252	65 13 8	163 41 35	5.0	2.00	1.00	.50	1,000	N	N	N	200	1,500	5.0
SB1253	65 12 21	163 43 1	7.0	1.50	.70	.50	1,500	N	N	N	150	1,500	3.0
SB1254	65 10 57	163 45 36	5.0	1.50	1.00	.50	1,000	N	N	N	50	1,500	5.0
SB1255	65 11 2	163 45 47	5.0	1.50	1.00	.50	1,000	N	N	N	100	1,000	3.0
SB1256	65 11 21	163 45 0	5.0	1.50	1.00	.50	1,000	N	N	N	300	1,000	5.0
SB1257	65 9 45	163 43 58	5.0	1.50	1.50	.50	1,000	N	N	N	70	1,000	5.0
SB1258	65 9 50	163 44 10	7.0	2.00	5.00	.70	1,000	N	N	N	30	1,500	3.0
SB1259	65 9 22	163 41 6	5.0	2.00	3.00	.50	1,000	N	N	N	50	1,000	3.0
SB1260	65 8 2	163 50 36	5.0	2.00	3.00	.50	1,500	N	N	N	50	1,000	3.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB1216	N	N	20	500	30	20	N	<20	70	30	N	20	N	100
SB1217	N	N	5	50	7	<20	N	N	10	50	N	5	N	700
SB1218	N	N	5	20	5	200	N	20	5	30	N	5	20	700
SB1219	N	N	5	30	7	N	N	N	10	30	N	5	N	700
SB1220	N	N	20	300	30	N	N	N	50	30	N	20	N	500
SB1221	N	N	30	300	50	N	N	N	50	20	N	30	N	200
SB1222	N	N	20	200	50	<20	N	N	50	20	N	20	N	200
SB1223	N	N	20	50	70	<20	N	N	50	30	N	20	N	<100
SB1224	N	N	10	50	15	N	N	N	20	20	N	7	N	<100
SB1225	N	N	20	100	50	N	N	N	50	20	N	15	N	100
SB1226	N	N	50	30	20	N	N	N	20	10	N	5	N	N
SB1227	N	N	10	50	5	20	N	N	10	20	N	5	N	500
SB1228	N	N	10	50	7	20	N	N	15	30	N	5	N	500
SB1229	N	N	5	30	7	20	N	N	10	50	N	<5	N	500
SB1230	N	N	5	30	10	20	N	N	15	30	N	5	<10	500
SB1231	N	N	10	30	10	20	N	N	10	30	N	5	N	700
SB1232	N	N	5	30	5	50	N	<20	5	50	N	5	<10	700
SB1233	N	N	5	50	7	<20	N	<20	5	50	N	5	<10	1,000
SB1234	N	N	10	50	5	100	N	<20	7	50	N	10	<10	700
SB1235	N	N	5	30	7	50	N	N	7	30	N	5	N	500
SB1236	N	N	5	30	5	<20	N	N	<5	30	N	<5	N	500
SB1237	N	N	7	30	5	200	N	20	<5	30	N	10	<10	500
SB1238	N	N	15	50	10	100	N	20	15	30	N	15	N	500
SB1239	N	N	15	50	20	<20	N	N	20	30	N	10	N	500
SB1240	N	N	15	50	10	50	N	<20	15	30	N	7	N	300
SB1241	N	N	15	50	10	50	N	<20	15	30	N	7	N	300
SB1242	N	N	20	100	100	N	N	N	70	30	N	15	N	100
SB1243	N	N	20	50	30	<20	<5	N	50	50	N	10	<10	100
SB1244	N	N	20	70	50	<20	N	N	50	30	N	10	N	100
SB1245	N	N	15	50	20	50	N	N	30	20	N	7	N	<100
SB1246	N	N	15	50	20	N	N	N	30	20	N	7	N	<100
SB1247	N	N	20	100	50	<20	N	<20	70	50	N	10	N	100
SB1248	N	N	20	70	50	<20	N	N	70	30	N	10	N	100
SB1249	N	N	15	70	50	<20	10	N	50	30	N	10	N	<100
SB1250	N	N	20	100	70	N	N	N	50	70	N	20	N	<100
SB1251	N	N	20	100	50	100	<5	N	70	70	N	15	10	100
SB1252	N	N	20	100	50	100	<5	<20	100	50	N	15	<10	200
SB1253	N	N	20	150	50	100	<5	<20	100	50	N	20	<10	200
SB1254	N	N	10	70	30	20	N	N	20	100	N	15	<10	500
SB1255	N	N	20	100	70	<20	N	N	70	50	N	20	<10	300
SB1256	N	N	20	100	70	50	<5	N	50	50	N	20	<10	200
SB1257	N	N	20	100	50	70	N	<20	30	50	N	20	<10	500
SB1258	N	N	20	70	30	100	N	<20	30	70	N	20	20	1,000
SB1259	N	N	20	70	50	70	N	<20	30	50	N	20	<10	500
SB1260	N	N	20	200	50	N	N	N	70	50	N	20	<10	200

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB1216	200	N	50	N	200	N	--	N	100	.20	N	N
SB1217	70	N	20	N	150	N	--	N	40	.10	N	N
SB1218	50	N	70	N	500	N	--	N	45	.20	N	N
SB1219	50	N	20	N	100	N	--	N	40	.10	N	N
SB1220	200	N	20	N	100	N	--	N	65	.10	N	N
SB1221	200	N	20	<200	100	N	--	N	100	.10	N	N
SB1222	200	N	20	<200	100	N	--	N	110	1.40	N	N
SB1223	150	N	30	<200	100	N	--	N	140	.90	N	N
SB1224	100	N	20	<200	100	N	--	N	90	.30	N	N
SB1225	100	N	20	<200	150	N	--	N	100	.40	N	N
SB1226	100	N	30	<200	70	N	--	N	170	.80	N	N
SB1227	70	N	30	<200	150	N	--	N	75	.10	N	N
SB1228	70	N	20	<200	150	N	--	N	85	.10	N	N
SB1229	50	N	20	<200	150	N	--	N	50	.10	N	N
SB1230	70	N	20	<200	200	N	--	N	65	.10	N	N
SB1231	50	N	20	<200	100	N	--	N	55	.20	N	--
SB1232	50	N	30	<200	100	N	--	N	60	.20	N	--
SB1233	50	N	30	<200	100	N	--	N	40	1.20	N	--
SB1234	100	N	50	<200	200	N	--	N	65	.30	N	--
SB1235	70	N	20	<200	100	N	--	N	50	.10	N	--
SB1236	50	N	20	<200	150	N	--	N	55	.10	N	--
SB1237	50	N	100	<200	700	N	--	N	25	.10	N	--
SB1238	70	N	100	<200	200	N	--	N	50	.20	N	--
SB1239	70	N	20	<200	150	N	--	N	65	.20	N	--
SB1240	70	N	50	<200	300	N	--	N	45	.20	N	--
SB1241	70	N	30	<200	200	N	--	N	72	.30	N	--
SB1242	150	N	30	<200	150	N	--	N	120	.50	N	--
SB1243	100	N	30	<200	200	N	--	N	150	.80	N	--
SB1244	100	N	30	<200	150	N	--	N	130	1.00	N	--
SB1245	100	N	50	<200	100	N	--	N	65	.40	N	--
SB1246	100	N	20	<200	100	N	--	N	130	1.10	N	--
SB1247	100	N	50	<200	150	N	--	N	100	.50	N	--
SB1248	100	N	20	<200	150	N	--	N	140	.80	N	--
SB1249	200	N	30	<200	150	N	--	N	250	4.00	N	--
SB1250	200	N	30	<200	100	N	--	10	170	2.40	N	N
SB1251	100	N	100	<200	200	N	--	N	150	1.00	N	N
SB1252	100	N	50	<200	200	N	--	N	120	.90	N	N
SB1253	100	N	100	<200	200	N	--	30	120	.70	N	N
SB1254	100	N	50	<200	150	N	--	20	190	.30	N	N
SB1255	100	N	30	<200	150	N	--	30	190	.70	N	N
SB1256	100	N	50	<200	150	N	--	N	150	.80	N	N
SB1257	100	N	50	<200	200	N	--	N	140	.50	N	N
SB1258	100	N	50	<200	200	N	--	N	120	.40	N	N
SB1259	100	N	50	<200	200	N	--	N	90	.40	N	N
SB1260	100	N	50	<200	200	N	--	N	75	.50	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB1261	65 7 55	163 51 54	7.0	3.00	3.00	.50	1,000	N	N	N	70	700	3.0
SB1262	65 10 1	163 51 29	5.0	1.50	3.00	.70	700	N	N	N	70	1,000	3.0
SB1263	65 9 54	163 51 38	5.0	1.50	3.00	.50	1,000	N	N	N	100	1,000	3.0
SB1264	65 10 46	163 49 38	7.0	2.00	1.50	.50	1,500	N	N	N	200	1,500	3.0
SB1265	65 10 41	163 49 33	5.0	1.00	2.00	.50	1,000	N	N	N	50	700	5.0
SB1266	65 13 41	163 52 46	5.0	1.50	1.00	.50	1,000	N	N	N	150	2,000	5.0
SB1267	65 13 33	163 52 50	5.0	1.50	1.00	.50	500	N	N	N	100	2,000	3.0
SB1268	65 58 22	163 46 11	5.0	1.00	1.00	.50	1,000	N	N	N	100	1,000	3.0
SB1269	65 58 10	163 47 39	5.0	1.00	.50	.50	500	N	N	N	100	1,000	2.0
SB1270	65 58 24	163 51 9	3.0	.30	.30	.20	200	N	N	N	50	500	2.0
SB1271	65 55 44	163 54 33	3.0	1.00	.50	.50	500	N	N	N	100	1,000	3.0
SB1272	65 53 55	163 54 39	2.0	.70	.30	.30	300	N	N	N	100	1,000	3.0
SB1273	65 53 4	163 56 56	3.0	1.00	.30	.30	700	N	N	N	100	1,000	2.0
SB1274	65 46 43	163 54 49	3.0	1.00	.70	.30	500	N	N	N	70	500	3.0
SB1275	65 45 31	163 59 2	2.0	.70	.70	.30	500	N	N	N	70	500	2.0
SB1276	65 51 55	163 50 50	3.0	1.00	.50	.30	500	N	N	N	70	1,000	3.0
SB1277	65 49 38	163 40 58	7.0	2.00	5.00	.20	>5,000	N	N	N	100	1,000	2.0
SB1278	65 47 36	163 39 37	3.0	.70	.50	.50	500	N	N	N	100	500	3.0
SB1279	65 46 43	163 35 30	5.0	1.50	2.00	.70	1,000	N	N	N	70	500	2.0
SB1280	65 49 0	163 28 14	2.0	1.50	7.00	.20	700	N	N	N	100	700	1.0
SB1281	65 49 10	163 28 14	1.5	.70	.50	.20	300	N	N	N	100	300	1.0
SB1282	65 49 33	163 26 45	1.5	.70	.70	.20	500	N	N	N	70	300	1.5
SB1283	65 50 26	163 25 58	1.0	.30	.05	.15	100	N	N	N	70	100	1.0
SB1284	65 5 4	162 14 30	1.5	.50	.10	.30	500	N	N	N	100	200	1.0
SB1285	65 0 48	162 23 53	1.0	.50	.15	.20	300	N	N	N	100	50	1.0
SB1286	65 0 53	162 24 6	.5	2.00	.70	.15	200	N	N	N	20	<20	<1.0
SB1287	65 1 5	162 24 19	2.0	1.00	.50	.30	300	N	N	N	100	100	2.0
SB1288	65 1 38	162 22 50	1.0	.30	.10	.15	300	N	N	N	100	50	1.0
SB1289	65 3 12	162 23 18	3.0	.50	.20	.70	1,000	N	N	N	200	100	1.0
SB1290	65 3 21	162 23 23	1.0	.30	.10	.30	500	N	N	N	200	50	2.0
SB1291	65 4 14	162 23 0	2.0	.50	.20	.30	700	N	N	N	70	100	2.0
SB1292	65 4 35	162 20 59	1.5	.50	.10	.20	300	N	N	N	70	100	2.0
SB1293	65 4 24	162 21 2	1.0	.70	.50	.30	500	N	N	N	200	20	2.0
SB1294	65 1 31	162 15 53	1.0	.10	.10	.15	300	N	N	N	50	100	5.0
SB1295	65 1 3	162 14 52	1.0	.15	.10	.10	200	N	N	N	30	100	7.0
SB1296	65 2 12	162 13 35	1.0	.15	.20	.30	1,000	N	N	N	30	150	5.0
SB1297	65 2 23	162 12 58	1.5	1.00	.50	.30	700	N	N	N	100	500	1.0
SB1298	65 1 5	162 9 55	5.0	.30	.50	.50	1,000	N	N	N	30	150	3.0
SB1299	65 3 20	162 9 12	.5	2.00	1.00	.05	200	N	N	N	10	50	<1.0
SB1300	65 3 16	162 9 4	.7	1.50	.70	.10	150	N	N	N	20	70	<1.0
SB1301	65 2 10	162 9 17	1.0	3.00	2.00	.15	300	N	N	N	20	200	<1.0
SB1302	65 0 28	162 5 33	2.0	1.00	.50	.50	300	N	N	N	50	500	1.0
SB1303	65 3 31	162 1 18	5.0	1.00	.70	.50	700	N	N	N	100	700	1.0
SB1304	65 5 22	162 0 20	3.0	1.00	.30	.50	700	N	N	N	50	700	1.0
SB1305	65 54 27	164 32 24	1.5	.30	.20	.30	500	N	N	N	20	500	20.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB1261	N	N	30	150	70	20	N	N	50	50	N	20	10	200
SB1262	N	N	20	100	50	<20	N	N	20	70	N	10	<10	700
SB1263	N	N	20	100	50	20	N	N	20	70	N	15	<10	300
SB1264	N	N	20	200	100	<20	<5	N	100	50	N	20	<10	200
SB1265	N	N	20	100	50	20	N	N	20	70	N	15	<10	500
SB1266	N	N	20	100	70	<20	15	N	100	50	N	15	<10	150
SB1267	N	N	20	70	70	N	N	N	70	50	N	15	N	100
SB1268	N	N	20	100	20	<20	N	N	50	30	N	15	N	100
SB1269	N	N	20	100	15	20	N	N	50	20	N	15	N	<100
SB1270	N	N	5	50	10	N	N	N	20	10	N	10	N	N
SB1271	N	N	20	100	50	20	N	<20	30	20	N	15	N	100
SB1272	N	N	15	100	50	20	N	N	30	20	N	10	N	<100
SB1273	N	N	30	70	50	<20	N	N	30	30	N	10	N	<100
SB1274	N	N	15	100	50	<20	N	N	30	20	N	10	N	100
SB1275	N	N	10	50	50	N	N	N	20	20	N	5	N	<100
SB1276	N	N	10	100	50	<20	N	N	20	30	N	15	N	<100
SB1277	N	N	30	100	70	N	N	N	50	30	N	10	N	300
SB1278	N	N	10	70	50	<20	N	N	20	20	N	10	N	<100
SB1279	N	N	30	150	70	N	N	<20	70	20	N	15	N	100
SB1280	N	N	10	70	50	N	N	N	30	20	N	5	N	200
SB1281	N	N	10	50	10	N	N	N	20	20	N	5	N	<100
SB1282	N	N	15	50	20	N	N	N	20	20	N	5	N	100
SB1283	N	N	10	20	5	N	N	N	15	10	N	<5	N	N
SB1284	N	N	15	50	7	N	N	<20	20	10	N	5	N	<100
SB1285	N	N	15	20	10	N	N	N	15	20	N	5	N	150
SB1286	N	N	<5	10	<5	N	N	N	5	<10	N	<5	N	N
SB1287	N	N	15	50	15	<20	N	N	15	10	N	10	N	100
SB1288	N	N	10	30	10	N	N	N	15	<10	N	5	N	100
SB1289	N	N	10	50	5	N	10	<20	10	20	N	15	N	100
SB1290	N	N	10	20	10	N	N	N	10	10	N	5	N	100
SB1291	N	N	10	50	20	N	N	N	15	20	N	10	N	150
SB1292	N	N	10	30	10	N	N	<20	15	30	N	7	N	100
SB1293	N	N	10	20	7	<20	N	N	15	10	N	10	N	150
SB1294	N	N	5	10	5	N	N	<20	7	30	N	<5	N	100
SB1295	N	N	5	20	5	<20	N	<20	7	30	N	<5	N	100
SB1296	N	N	10	20	<5	20	N	20	7	30	N	5	<10	<100
SB1297	N	N	15	100	5	N	N	<20	50	10	N	7	N	200
SB1298	15	N	10	20	5	50	20	<20	10	50	N	10	15	200
SB1299	N	N	<5	20	5	N	N	N	15	<10	N	<5	N	<100
SB1300	N	N	5	30	5	N	N	N	20	<10	N	<5	N	<100
SB1301	N	N	5	50	7	N	N	N	50	<10	N	5	N	<100
SB1302	N	N	10	100	20	50	N	N	50	10	N	10	N	<100
SB1303	N	N	20	150	50	20	N	<20	70	<10	N	15	N	<100
SB1304	N	N	20	100	50	N	N	N	70	<10	N	15	N	N
SB1305	N	N	5	15	<5	50	<5	20	7	50	N	5	50	<100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB1261	100	N	50	<200	200	N	--	N	90	.10	N	N
SB1262	70	N	50	<200	200	N	--	N	85	.20	N	N
SB1263	100	N	50	<200	200	N	--	N	110	.20	N	N
SB1264	200	N	50	<200	200	N	--	20	140	1.00	N	N
SB1265	100	N	50	<200	200	N	--	10	180	.80	N	N
SB1266	200	N	20	200	200	N	--	N	220	1.60	N	N
SB1267	100	N	20	<200	200	N	--	50	250	.60	N	N
SB1268	100	N	50	<200	300	N	--	10	65	.10	N	N
SB1269	100	N	50	<200	300	N	--	N	120	.10	N	N
SB1270	100	N	20	<200	70	N	--	N	95	.10	N	N
SB1271	100	N	50	<200	200	N	--	N	90	.20	N	N
SB1272	100	N	30	<200	200	N	--	N	120	.20	N	N
SB1273	100	N	30	<200	150	N	--	N	130	.10	N	N
SB1274	100	N	30	<200	150	N	--	N	110	.10	N	N
SB1275	100	N	20	<200	150	N	--	10	85	.20	N	N
SB1276	100	N	30	<200	150	N	--	N	130	.30	N	N
SB1277	100	N	20	<200	100	N	--	10	140	.30	N	N
SB1278	100	N	30	<200	150	N	--	N	110	.20	N	N
SB1279	100	N	20	<200	150	N	--	20	160	.10	N	N
SB1280	100	N	20	<200	100	N	--	30	90	.50	N	N
SB1281	100	N	20	N	100	N	--	10	45	.30	N	N
SB1282	100	N	20	N	100	N	--	20	80	.60	N	2
SB1283	20	N	<10	N	100	N	--	10	45	.40	N	N
SB1284	100	N	10	N	100	N	--	30	50	.20	N	N
SB1285	50	N	20	N	100	N	--	20	45	.10	N	N
SB1286	10	N	10	N	20	N	--	N	15	.10	N	N
SB1287	50	N	30	N	150	N	--	20	50	.10	N	N
SB1288	50	N	10	N	70	N	--	N	45	.10	N	N
SB1289	50	N	30	N	100	N	--	N	35	N	N	N
SB1290	30	N	10	N	50	N	--	N	55	.20	N	N
SB1291	50	N	30	N	100	N	--	130	65	.10	N	N
SB1292	50	N	15	N	100	N	--	50	50	.20	N	N
SB1293	30	N	20	N	50	N	--	30	35	.10	N	N
SB1294	30	N	15	N	100	N	--	10	35	.10	N	N
SB1295	20	N	50	N	70	N	--	N	30	.10	N	N
SB1296	30	N	50	N	150	N	--	10	35	.10	N	N
SB1297	70	N	20	N	100	N	--	20	45	.30	N	N
SB1298	100	100	50	N	200	N	--	20	30	.20	2.0	N
SB1299	10	N	<10	N	10	N	--	10	30	.10	N	N
SB1300	20	N	<10	N	10	N	--	10	45	.10	N	N
SB1301	50	N	<10	<200	20	N	--	20	35	.10	N	N
SB1302	100	N	20	<200	100	N	--	10	60	.30	N	N
SB1303	200	N	30	<200	150	N	--	N	50	.20	N	N
SB1304	200	N	30	<200	100	N	--	N	70	.60	N	N
SB1305	50	N	50	<200	200	N	--	N	30	.10	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB1306	65 54 38	164 32 30	3.0	.70	.10	.50	700	N	N	N	200	500	3.0
SB1307	65 58 57	164 31 39	3.0	.50	.05	.50	700	N	N	N	100	300	15.0
SB1308	65 58 31	164 40 49	5.0	.50	.20	.70	1,000	N	N	N	50	300	5.0
SB1309	65 58 41	164 40 50	5.0	.50	.10	.50	500	N	N	N	100	700	2.0
SB1310	65 58 9	164 41 16	1.5	.30	.15	.50	300	N	N	N	50	500	5.0
SB1311	65 58 4	164 41 26	1.5	.30	.10	.20	100	N	N	N	50	500	2.0
SB1312	65 56 0	164 40 0	2.0	.50	.30	.70	500	N	N	N	50	1,000	2.0
SB1313	65 54 43	164 42 7	2.0	.50	.50	.70	1,000	N	N	N	100	700	2.0
SB1314	65 53 38	164 47 5	5.0	.50	.10	1.00	500	N	N	N	500	700	2.0
SB1315	65 50 14	164 53 57	5.0	.70	.10	.50	500	N	N	N	70	500	1.0
SB1316	65 50 15	164 51 13	5.0	1.00	.10	.50	700	N	N	N	70	500	1.0
SB1317	65 48 3	164 53 38	5.0	1.00	.10	.50	500	N	N	N	70	700	2.0
SB1318	65 48 1	164 50 37	3.0	.70	.10	.50	300	N	N	N	100	300	1.0
SB1319	65 49 36	164 49 26	5.0	1.00	.10	.50	500	N	N	N	70	500	1.0
SB1320	65 48 35	164 48 51	5.0	1.00	.10	.50	700	N	N	N	70	500	1.0
SB1321	65 47 48	164 47 14	5.0	1.00	.10	.30	500	N	N	N	100	700	2.0
SB1322	65 46 46	164 43 2	2.0	1.00	.10	.30	700	N	N	N	100	1,500	1.0
SB1323	65 46 34	164 43 5	3.0	1.00	.07	.30	500	N	N	N	100	500	1.0
SB1324	65 45 36	164 40 31	3.0	1.50	.05	.30	500	N	N	N	100	500	2.0
SB1325	65 45 26	164 40 39	3.0	1.00	.05	.30	300	N	N	N	100	300	<1.0
SB1326	65 49 5	164 45 43	3.0	1.00	.10	.70	500	N	N	N	100	500	1.0
SB1327	65 47 56	164 42 23	5.0	1.00	.10	.70	700	N	N	N	200	700	2.0
SB1328	65 48 13	164 38 0	3.0	1.50	.05	.50	500	N	N	N	100	500	1.0
SB1329	65 50 5	164 37 58	3.0	.70	.30	.50	1,000	N	N	N	20	300	5.0
SB1330	65 49 55	164 38 10	3.0	1.50	.10	.50	500	N	N	N	50	500	<1.0
SB1331	65 48 54	164 36 10	3.0	1.00	.20	.50	700	<.5	N	N	100	1,000	2.0
SB1332	65 50 18	164 40 21	1.0	.15	.10	.30	300	N	N	N	150	200	10.0
SB1333	65 51 8	164 43 9	3.0	.30	.20	.50	700	N	N	N	100	500	5.0
SB1334	65 51 49	164 38 43	1.0	.15	.10	.20	500	.5	N	N	50	500	10.0
SB1335	65 51 58	164 38 50	1.0	.15	.20	.50	700	N	N	N	20	200	10.0
SB1336	65 50 57	164 35 59	2.0	.50	.20	.30	700	N	N	N	100	1,000	7.0
SB1337	65 46 20	164 30 6	3.0	.50	.05	.20	700	N	N	N	100	1,000	3.0
SB1338	65 46 9	164 30 12	3.0	1.00	.05	.20	300	N	N	N	100	1,000	2.0
SB1339	65 39 46	163 13 18	2.0	.30	.20	.30	500	N	N	N	50	500	2.0
SB1340	65 39 26	163 14 48	3.0	.30	.15	.30	700	N	N	N	70	1,000	2.0
SB1341	65 40 22	163 20 33	3.0	.30	.15	.50	200	N	N	N	70	1,000	2.0
SB1342	65 38 1	163 30 27	7.0	1.00	.50	.70	1,000	<.5	N	N	50	1,000	1.5
SB1343	65 42 10	163 27 29	7.0	1.00	.50	.70	1,000	N	N	N	50	1,000	1.0
SB1344	65 42 53	163 29 11	5.0	.10	.10	.20	500	N	N	N	10	300	2.0
SB1345	65 44 47	163 27 32	5.0	1.00	.70	.70	700	N	N	N	20	500	1.5
SB1346	65 45 32	163 19 34	7.0	1.00	.10	.70	1,000	N	N	N	100	500	2.0
SB1347	65 45 42	163 19 23	5.0	1.00	.05	.70	1,000	N	N	N	100	500	3.0
SB1348	65 44 26	163 17 23	3.0	.30	<.05	.50	1,500	N	N	N	100	300	3.0
SB1349	65 46 24	163 21 41	5.0	1.00	.05	.70	700	N	N	N	100	500	2.0
SB1350	65 46 18	163 21 52	7.0	1.50	.05	.70	1,000	N	N	N	150	1,000	1.5

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB1306	N	N	20	70	30	20	N	<20	50	30	N	15	N	N
SB1307	N	N	20	70	10	200	N	<20	30	10	N	10	N	N
SB1308	N	N	20	100	10	100	N	20	20	50	N	15	200	<100
SB1309	N	N	20	100	10	<20	<5	<20	20	50	N	10	N	<100
SB1310	N	N	5	30	<5	20	N	<20	10	50	N	5	<10	<100
SB1311	N	N	<5	20	<5	200	N	N	10	50	N	<5	N	N
SB1312	N	N	5	50	<5	<20	N	<20	10	50	N	10	<10	200
SB1313	N	N	10	50	<5	N	N	N	10	30	N	10	N	100
SB1314	N	N	10	70	5	100	N	<20	20	30	N	10	<10	N
SB1315	N	N	30	100	10	50	N	N	30	30	N	15	N	N
SB1316	N	N	30	100	10	20	<5	<20	30	30	N	15	N	N
SB1317	N	N	20	100	10	20	N	<20	20	20	N	15	N	N
SB1318	N	N	10	100	5	N	N	N	20	<10	N	7	N	N
SB1319	N	N	20	100	15	<20	N	<20	50	30	N	15	N	N
SB1320	N	N	30	100	20	N	N	<20	50	20	N	15	N	N
SB1321	N	N	20	100	50	<20	<5	<20	50	30	N	15	N	N
SB1322	N	N	10	70	20	50	N	N	30	30	N	10	N	N
SB1323	N	N	20	70	10	20	N	N	50	20	N	10	N	N
SB1324	N	N	20	100	20	<20	N	N	50	30	N	15	N	N
SB1325	N	N	20	70	10	<20	N	N	50	10	N	10	N	N
SB1326	N	N	20	100	7	N	N	<20	30	30	N	10	N	N
SB1327	N	N	20	100	10	20	<5	<20	50	50	N	15	N	N
SB1328	N	N	20	100	20	N	N	N	50	50	N	10	N	N
SB1329	N	N	15	50	5	150	N	50	10	50	N	10	20	<100
SB1330	N	N	15	100	30	100	N	<20	50	50	N	10	N	N
SB1331	N	N	30	150	50	<20	<5	<20	50	50	N	15	N	<100
SB1332	N	N	5	30	<5	50	N	<20	15	20	N	5	<10	100
SB1333	N	N	20	70	5	20	N	20	15	20	N	10	<10	100
SB1334	N	N	10	20	10	20	N	<20	15	30	N	10	<10	100
SB1335	N	N	5	20	<5	100	N	20	5	30	N	5	20	100
SB1336	N	N	10	30	10	20	10	20	10	30	N	10	<10	100
SB1337	N	N	10	70	10	N	N	N	50	30	N	10	100	N
SB1338	N	N	10	70	10	N	N	N	20	10	N	10	N	N
SB1339	N	N	20	70	10	N	N	N	20	10	N	10	N	100
SB1340	N	N	30	70	10	<20	N	N	20	10	N	15	N	<100
SB1341	N	N	20	100	10	<20	N	N	50	10	N	15	N	<100
SB1342	N	N	50	500	70	20	N	<20	70	50	N	20	N	200
SB1343	N	N	50	200	70	20	N	<20	50	30	N	20	N	200
SB1344	N	N	20	50	10	N	N	N	20	<10	N	7	N	<100
SB1345	N	N	30	100	70	N	N	<20	70	30	N	20	N	200
SB1346	N	N	70	150	50	<20	N	<20	100	30	N	20	N	<100
SB1347	N	N	50	100	50	20	N	<20	70	20	N	15	N	<100
SB1348	N	N	70	50	20	<20	N	<20	50	20	N	10	N	<100
SB1349	N	N	30	100	30	20	N	<20	70	30	N	20	N	<100
SB1350	N	N	30	150	30	<20	N	<20	70	30	N	20	N	<100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB1306	100	N	30	<200	200	N	--	N	75	.60	N	N
SB1307	70	N	30	<200	200	N	--	N	50	.20	N	N
SB1308	100	N	100	<200	1,000	N	--	N	50	.20	N	N
SB1309	100	N	50	<200	200	N	--	10	60	.20	N	N
SB1310	50	N	70	<200	150	N	--	N	20	N	N	N
SB1311	50	N	50	<200	150	N	--	N	20	N	N	N
SB1312	100	N	50	<200	200	N	--	N	25	N	N	N
SB1313	100	N	50	<200	200	N	--	N	25	.20	N	N
SB1314	100	N	50	<200	200	N	--	20	45	.10	N	N
SB1315	150	N	50	<200	200	N	--	10	55	.10	N	N
SB1316	150	N	50	<200	200	N	--	N	45	.10	N	N
SB1317	150	N	20	<200	200	N	--	N	30	.10	N	N
SB1318	100	N	500	<200	150	N	--	10	30	.10	N	N
SB1319	100	N	30	<200	200	N	--	10	55	.20	N	N
SB1320	150	N	70	<200	200	N	--	20	55	.10	N	N
SB1321	150	N	50	<200	200	N	--	30	60	.10	N	N
SB1322	100	N	50	<200	100	N	--	10	55	.30	N	N
SB1323	100	N	30	<200	150	N	--	N	45	.20	N	N
SB1324	100	N	20	<200	150	N	--	N	50	.20	N	N
SB1325	100	N	70	<200	100	N	--	N	55	.20	N	N
SB1326	100	N	30	<200	150	N	--	N	55	.20	N	N
SB1327	100	N	50	<200	200	N	--	N	70	1.30	N	N
SB1328	100	N	20	<200	150	N	--	N	60	.70	N	N
SB1329	70	N	100	<200	500	N	--	N	45	.20	N	N
SB1330	150	N	70	<200	200	N	--	10	75	1.00	N	N
SB1331	200	N	30	N	200	N	--	20	120	2.20	N	N
SB1332	50	N	50	N	500	N	--	N	30	.20	N	N
SB1333	100	N	70	N	300	N	--	N	45	.30	N	N
SB1334	50	N	30	N	200	N	--	N	75	1.00	8.0	N
SB1335	30	N	100	N	300	N	--	N	25	.30	N	N
SB1336	100	N	50	N	300	N	--	N	60	.80	N	N
SB1337	100	N	50	N	100	N	--	10	70	.50	N	2
SB1338	100	N	10	N	200	N	--	N	45	.50	N	N
SB1339	100	N	20	N	200	N	--	N	60	.40	N	N
SB1340	150	N	50	N	200	N	--	N	50	.40	N	N
SB1341	150	N	50	N	200	N	--	N	65	.20	N	N
SB1342	200	N	50	N	300	N	--	20	50	.20	N	N
SB1343	200	N	50	N	500	N	--	N	70	.40	N	N
SB1344	100	N	20	N	100	N	--	N	95	.60	N	N
SB1345	200	N	30	N	200	N	--	10	75	.20	N	N
SB1346	200	N	30	N	200	N	--	10	100	.40	N	N
SB1347	200	N	30	N	200	N	--	40	50	.30	N	N
SB1348	100	N	30	N	150	N	--	10	90	.40	N	N
SB1349	200	N	50	N	200	N	--	100	75	.40	N	N
SB1350	200	N	50	N	200	N	--	20	75	.40	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB1351	65 47 2	163 22 55	2.0	1.00	.50	.30	700	N	N	N	200	700	2.0
SB1352	65 47 22	163 20 23	2.0	1.50	.70	.30	700	N	N	N	100	300	2.0
SB1353	65 48 54	163 22 20	5.0	1.00	.20	.50	700	N	N	N	100	500	2.0
SB1354	65 47 33	163 24 24	5.0	1.50	.50	.50	700	N	N	N	100	700	2.0
SB1355	65 51 59	163 28 47	3.0	1.50	.50	.50	1,000	N	N	N	100	1,000	2.0
SB1356	65 51 50	163 28 42	3.0	1.00	.50	.50	1,000	N	N	N	100	1,000	1.0
SB1357	65 52 17	163 19 53	5.0	1.00	.10	.50	700	N	N	N	100	700	1.0
SB1358	65 50 27	163 19 12	3.0	1.00	.30	.50	700	N	N	N	200	700	2.0
SB1359	65 49 10	163 17 8	2.0	5.00	5.00	.30	1,000	N	N	N	30	500	<1.0
SB1360	65 51 45	162 11 33	2.0	.10	.05	.05	50	N	N	N	<10	50	1.0
SB1361	65 51 38	162 11 58	3.0	.30	.07	1.00	200	N	N	N	50	300	2.0
SB1362	65 50 43	162 6 58	2.0	.30	<.05	.50	200	N	N	N	100	300	3.0
SB1363	65 50 51	162 6 40	3.0	.30	<.05	.70	500	N	N	N	150	300	2.0
SB1364	65 48 20	162 1 49	3.0	.50	.20	.50	500	N	N	N	100	700	2.0
SB1365	65 48 10	162 1 49	1.5	.20	.20	.30	700	N	N	N	100	500	2.0
SB1366	65 48 9	162 2 11	5.0	.50	.10	.50	500	N	N	N	100	700	2.0
SB1367	65 47 44	162 5 40	5.0	.50	.10	.70	1,000	N	N	N	100	700	2.0
SB1368	65 47 54	162 5 47	5.0	.50	.05	.50	1,000	N	N	N	100	1,000	1.5
SB1369	65 45 54	162 6 38	3.0	3.00	.05	.50	700	N	N	N	100	500	2.0
SB1370	65 41 14	162 13 18	5.0	1.00	.05	.70	500	N	N	N	100	500	1.5
SB1371	65 52 40	163 8 24	3.0	.70	.20	.50	1,000	N	N	N	100	700	1.0
SB1372	65 52 51	163 9 48	2.0	.50	.20	.50	500	N	N	N	100	500	2.0
SB1373	65 52 11	163 11 10	3.0	.30	.10	.30	1,000	N	N	N	200	500	2.0
SB1374	65 53 27	163 11 27	3.0	.50	.20	1.00	500	N	N	N	300	1,000	1.0
SB1375	65 50 56	163 11 7	7.0	1.50	.20	.50	1,000	N	N	N	200	700	3.0
SB1376	65 49 42	163 9 8	5.0	.50	.10	.50	200	N	N	N	100	500	2.0
SB1377	65 49 42	163 9 45	5.0	1.00	.50	.50	500	N	N	N	200	300	2.0
SB1378	65 48 9	163 15 6	2.0	1.00	.50	.30	200	N	N	N	100	300	2.0
SB1379	65 53 10	163 5 11	7.0	1.50	.50	.70	2,000	N	N	N	50	700	1.0
SB1380	65 53 2	163 2 57	2.0	.20	.05	.30	300	N	N	N	100	500	1.0
SB1381	65 49 13	163 3 48	2.0	1.00	.20	.50	700	N	N	N	100	700	2.0
SB1382	65 47 48	163 2 22	2.0	.50	.20	.30	1,500	N	N	N	100	1,000	2.0
SB1383	65 47 6	162 19 3	5.0	.30	.20	.50	2,000	N	N	N	100	500	5.0
SB1384	65 50 41	162 17 49	3.0	.50	.10	.70	500	N	N	N	150	300	1.5
SB1385	65 45 57	162 16 46	2.0	.70	.50	.50	1,000	<.5	N	N	150	700	2.0
SB1386	65 43 52	162 17 6	2.0	.50	.10	.70	500	N	N	N	150	500	2.0
SB1387	65 44 2	162 23 8	7.0	.30	.10	.50	1,000	N	N	N	100	1,000	2.0
SB1388	65 43 35	162 29 48	5.0	1.50	1.00	.70	700	N	N	N	70	1,000	2.0
SB1389	65 20 41	162 10 54	7.0	.70	.20	.50	500	N	N	N	70	1,000	2.0
SB1390	65 19 18	162 6 57	5.0	1.00	.20	.70	500	N	N	N	100	1,000	3.0
SB1391	65 16 26	162 9 32	3.0	1.00	1.00	.50	700	N	N	N	50	700	2.0
SB1392	65 17 6	162 9 30	2.0	1.00	1.00	.50	700	N	N	N	30	500	2.0
SB1393	65 14 39	162 15 36	3.0	1.50	1.00	.50	300	N	N	N	100	500	2.0
SB1394	65 14 48	162 16 9	3.0	2.00	2.00	.30	1,000	N	N	N	70	500	1.0
SB1395	65 14 1	162 8 25	5.0	1.00	.20	.70	700	N	N	N	100	1,000	2.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB1351	N	N	20	70	20	<20	N	N	50	50	N	10	N	N
SB1352	N	N	20	70	30	<20	N	N	50	50	N	10	N	N
SB1353	N	N	30	100	30	<20	N	<20	100	30	N	15	N	N
SB1354	N	N	30	100	50	<20	N	<20	50	20	N	15	N	<100
SB1355	N	N	20	100	30	N	N	<20	50	30	N	15	N	<100
SB1356	N	N	20	70	50	N	10	N	50	20	N	10	N	<100
SB1357	N	N	30	70	30	N	<5	<20	30	30	N	15	N	<100
SB1358	N	N	30	70	70	<20	10	N	100	30	N	10	N	<100
SB1359	N	N	20	70	20	N	N	N	30	100	N	10	N	<100
SB1360	N	N	<5	10	10	N	N	N	10	<10	N	<5	N	N
SB1361	N	N	10	70	7	N	N	<20	20	10	N	10	N	<100
SB1362	N	N	10	50	20	N	N	N	20	20	N	10	N	<100
SB1363	N	N	20	50	15	N	N	<20	50	10	N	10	N	<100
SB1364	N	N	20	100	20	50	N	<20	50	100	N	10	N	200
SB1365	N	N	10	50	10	20	N	N	30	50	N	5	N	100
SB1366	N	N	50	150	50	20	N	N	70	50	N	20	N	100
SB1367	N	N	30	100	15	20	N	<20	50	30	N	20	N	100
SB1368	N	N	50	100	15	<20	<5	<20	50	30	N	20	N	<100
SB1369	N	N	20	70	15	N	N	<20	20	30	N	10	N	<100
SB1370	N	N	20	100	20	<20	N	<20	20	30	N	15	N	<100
SB1371	N	N	15	50	20	20	<5	N	50	20	N	10	N	N
SB1372	N	N	20	50	30	20	N	N	100	20	N	10	N	N
SB1373	N	N	20	50	20	<20	N	N	50	30	N	10	N	100
SB1374	N	N	10	100	20	20	<5	<20	70	20	N	10	N	<100
SB1375	N	N	100	150	150	20	<5	N	200	30	N	20	N	<100
SB1376	N	N	15	70	7	N	N	<20	20	20	N	10	N	<100
SB1377	N	N	20	100	50	N	N	<20	50	20	N	10	N	<100
SB1378	N	N	10	50	10	N	N	N	20	20	N	5	N	<100
SB1379	N	N	70	200	15	N	N	<20	100	20	N	20	N	100
SB1380	N	N	10	50	5	N	N	N	20	10	N	5	N	N
SB1381	N	N	15	70	5	50	N	<20	20	20	N	10	N	<100
SB1382	N	N	20	70	10	<20	<5	<20	70	20	N	10	N	<100
SB1383	N	N	50	70	10	N	N	<20	50	20	N	15	N	<100
SB1384	N	N	20	70	7	20	N	<20	30	20	N	10	N	<100
SB1385	N	N	20	50	10	20	N	<20	50	20	N	10	N	<100
SB1386	N	N	15	70	5	20	N	<20	30	30	N	10	N	<100
SB1387	N	N	50	50	10	N	<5	N	30	70	N	10	N	<100
SB1388	N	N	20	100	5	150	<5	20	15	30	N	20	N	700
SB1389	N	N	50	70	10	50	N	N	50	50	N	20	N	<100
SB1390	N	N	30	100	20	20	<5	<20	70	30	N	20	N	100
SB1391	N	N	20	50	10	N	N	N	20	20	N	15	N	100
SB1392	N	N	15	50	5	N	10	<20	20	20	N	15	N	200
SB1393	N	N	15	50	5	N	N	N	20	20	N	10	N	100
SB1394	N	N	15	100	5	<20	N	N	20	20	N	10	N	200
SB1395	N	N	50	100	15	20	N	<20	50	50	N	20	N	100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB1351	70	100	20	N	150	N	--	70	55	.40	N	N
SB1352	100	N	20	N	100	N	--	60	65	.30	N	N
SB1353	100	N	50	N	150	N	--	10	60	.20	N	N
SB1354	100	N	30	N	150	N	--	20	65	.50	N	2
SB1355	150	N	50	N	200	N	--	30	50	.10	N	2
SB1356	200	N	20	N	150	N	--	10	100	1.20	N	2
SB1357	100	N	20	N	150	N	--	10	70	.30	N	4
SB1358	100	N	30	N	150	N	--	30	95	1.40	N	4
SB1359	100	N	30	N	100	N	--	30	65	.60	N	4
SB1360	20	N	10	N	10	N	--	100	50	.40	N	N
SB1361	100	N	20	N	200	N	--	N	40	.10	N	N
SB1362	100	N	20	N	150	N	--	40	55	.10	N	N
SB1363	100	N	20	N	150	N	--	40	45	.20	N	N
SB1364	100	N	50	N	200	N	--	10	75	.70	N	N
SB1365	70	N	20	N	100	N	--	N	55	.30	N	N
SB1366	200	N	50	N	200	N	--	30	120	.50	N	N
SB1367	150	N	30	N	200	N	--	20	75	.40	N	N
SB1368	200	N	20	N	200	N	--	20	110	.80	N	N
SB1369	100	N	30	N	300	N	--	30	70	.40	N	N
SB1370	100	N	30	N	150	N	--	20	65	.20	N	N
SB1371	100	N	20	<200	200	N	--	20	35	.30	N	N
SB1372	100	N	50	<200	200	N	--	40	60	.40	N	4
SB1373	70	N	30	<200	150	N	--	30	50	.30	N	N
SB1374	200	N	100	<200	500	N	--	N	40	.30	N	N
SB1375	200	N	50	300	200	N	--	40	300	2.10	N	N
SB1376	100	N	30	<200	200	N	--	10	45	.30	N	4
SB1377	150	N	30	<200	200	N	--	30	45	.30	N	4
SB1378	70	50	20	<200	100	N	--	20	45	.40	N	2
SB1379	200	N	50	<200	200	N	--	10	140	.30	N	N
SB1380	100	N	20	<200	150	N	--	10	35	.20	N	N
SB1381	100	N	50	N	150	N	--	10	65	.30	N	N
SB1382	200	N	30	<200	150	N	--	10	130	1.20	N	N
SB1383	100	N	30	<200	150	N	--	N	90	.20	N	N
SB1384	100	N	30	N	150	N	--	N	50	.20	N	N
SB1385	150	N	50	N	150	N	--	N	70	.40	N	N
SB1386	100	N	50	N	200	N	--	N	60	.10	N	N
SB1387	100	N	50	<200	100	N	--	10	110	.20	N	N
SB1388	100	N	50	N	200	N	--	N	35	<.10	N	N
SB1389	150	N	50	N	100	N	--	20	150	.80	N	N
SB1390	200	N	50	N	200	N	--	10	100	.40	N	N
SB1391	100	N	30	N	100	N	--	10	60	.30	N	N
SB1392	100	N	20	N	100	N	--	N	50	.40	N	N
SB1393	100	N	20	N	150	N	--	N	55	.20	N	N
SB1394	100	N	20	N	100	N	--	10	65	.40	N	N
SB1395	200	N	50	N	200	N	--	10	135	.70	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB1396	65 13 52	162 8 35	5.0	1.00	.70	.70	700	N	N	N	20	700	<1.0
SB1397	65 12 17	162 11 42	3.0	1.00	.70	.50	700	N	N	N	100	700	<1.0
SB1398	65 12 17	162 3 31	7.0	1.50	1.00	1.00	1,000	N	N	N	20	500	<1.0
SB1399	65 10 5	162 2 33	5.0	1.00	.50	.50	>5,000	N	N	N	100	1,000	1.0
SB1400	65 9 29	162 8 13	5.0	1.50	.70	.70	1,000	N	N	N	100	1,000	1.0
SB1401	65 7 52	162 4 56	5.0	2.00	.70	.50	1,000	N	N	N	100	700	<1.0
SB1402	65 7 59	162 5 10	3.0	5.00	2.00	.30	500	N	N	N	100	500	<1.0
SB1403	65 8 10	162 3 39	5.0	1.50	.70	1.00	1,000	N	N	N	100	1,000	1.0
SB1404	65 6 26	162 6 26	3.0	5.00	2.00	.30	700	N	N	N	100	300	<1.0
SB1405	65 6 57	162 3 22	5.0	1.50	.70	.70	1,000	N	N	N	70	700	<1.0
SB1406	65 5 39	162 5 8	5.0	2.00	.70	.50	1,000	N	N	N	150	700	1.5
SB1407	65 55 55	162 52 18	2.0	1.00	7.00	.30	700	N	N	N	70	500	1.0
SB1408	65 58 12	162 50 51	3.0	.70	.30	.50	500	N	N	N	100	700	2.0
SB1409	65 54 38	162 49 43	7.0	.70	.30	.50	3,000	N	N	N	100	700	2.0
SB1410	65 54 34	162 53 25	10.0	.70	.30	.30	1,500	N	N	N	100	700	2.0
SB1411	64 21 41	162 43 55	2.0	1.00	.50	.50	500	N	N	N	30	500	1.0
SB1412	64 22 46	162 40 38	2.0	.70	.50	.30	500	N	N	N	20	500	1.5
SB1413	64 23 45	162 47 41	2.0	.70	.30	.50	500	N	N	N	20	500	1.0
SB1414	64 25 13	162 48 50	5.0	1.00	.70	.70	700	N	N	N	50	1,000	1.0
SB1415	64 25 54	162 49 18	3.0	1.50	1.00	.50	1,000	N	N	N	30	500	<1.0
SB1416	64 26 52	162 50 25	2.0	1.00	.70	.50	700	N	N	N	30	500	<1.0
SB1417	64 27 25	162 48 8	3.0	1.00	.70	.70	500	N	N	N	100	500	1.0
SB1418	64 28 39	162 49 57	2.0	.70	.50	.50	2,000	N	N	N	100	300	1.0
SB1419	64 29 11	162 49 24	3.0	1.00	.70	1.00	1,000	N	N	N	50	500	<1.0
SB1420	64 29 52	162 47 42	2.0	1.00	.70	.50	700	N	N	N	70	700	1.5
SB1421	64 30 0	162 47 56	3.0	1.00	.50	.50	500	N	N	N	20	1,000	1.5
SB1422	64 31 47	162 48 26	5.0	1.50	1.00	.50	500	N	N	N	50	1,000	2.0
SB1423	64 31 32	162 48 25	5.0	1.00	.50	.50	500	N	N	N	20	1,000	1.0
SB1424	64 26 30	162 40 58	5.0	1.00	.70	.50	500	N	N	N	20	700	<1.0
SB1425	64 27 11	162 40 56	3.0	1.00	.70	.50	500	N	N	N	30	500	<1.0
SB1426	64 28 33	162 40 24	2.0	1.00	.50	.50	1,000	N	N	N	70	700	1.0
SB1427	64 29 18	162 40 5	2.0	.50	.15	.30	700	N	N	N	100	500	1.5
SB1428	64 31 54	162 41 4	3.0	1.00	.70	.30	500	N	N	N	50	700	1.0
SB1429	64 32 6	162 41 1	5.0	1.00	.70	.50	1,000	N	N	N	50	1,000	2.0
SB1430	64 35 36	162 40 29	5.0	1.50	1.00	.50	1,000	N	N	N	20	1,000	2.0
SB1431	64 35 56	162 42 39	3.0	1.50	.70	.50	700	N	N	N	10	700	2.0
SB1432	64 36 37	162 43 27	5.0	1.50	1.00	.50	700	N	N	N	20	700	2.0
SB1433	64 36 45	162 43 12	5.0	1.50	1.00	.50	700	N	N	N	10	700	2.0
SB1434	64 37 34	162 44 36	5.0	1.50	1.00	.50	700	N	N	N	10	500	3.0
SB1435	64 37 38	162 44 10	5.0	2.00	2.00	.50	700	N	N	N	10	700	3.0
SB1436	64 31 10	162 51 29	3.0	1.50	1.00	.50	500	N	N	N	70	500	1.0
SB1437	64 32 58	162 47 11	3.0	1.00	.70	.30	500	N	N	N	50	500	2.0
SB1438	64 32 57	162 46 51	5.0	1.50	1.00	.50	700	N	N	N	10	1,000	3.0
SB1439	64 33 25	162 51 51	5.0	1.50	1.00	.20	500	N	N	N	50	300	2.0
SB1440	64 33 20	162 51 30	5.0	1.50	1.00	.20	500	N	N	N	100	700	2.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB1396	N	N	30	70	30	20	N	N	70	20	N	15	N	<100
SB1397	N	N	15	70	10	N	N	N	70	10	N	10	N	<100
SB1398	N	N	50	100	70	N	N	<20	70	20	N	30	N	<100
SB1399	N	N	30	100	50	20	N	N	70	30	N	20	N	100
SB1400	N	N	30	150	70	<20	N	<20	100	30	N	20	N	200
SB1401	N	N	20	100	50	N	N	N	70	20	N	15	N	<100
SB1402	N	N	15	100	10	N	N	N	50	20	N	10	N	<100
SB1403	N	N	30	150	70	<20	N	<20	100	20	N	20	N	<100
SB1404	N	N	20	100	10	N	N	N	50	30	N	10	N	<100
SB1405	N	N	30	100	50	N	N	<20	70	20	N	15	N	100
SB1406	N	N	30	150	30	N	N	<20	100	30	N	15	N	<100
SB1407	N	N	10	100	10	20	N	N	20	10	N	10	N	300
SB1408	N	N	10	100	10	50	N	N	20	30	N	15	N	<100
SB1409	N	N	50	100	10	<20	N	N	20	30	N	15	N	100
SB1410	N	N	20	100	30	N	N	N	20	30	N	10	N	100
SB1411	N	N	15	100	5	50	N	<20	30	50	N	10	N	300
SB1412	N	N	10	30	5	20	N	<20	10	50	N	5	N	300
SB1413	N	N	10	50	5	70	N	<20	15	70	N	5	N	200
SB1414	N	N	20	100	10	200	N	N	20	70	N	15	N	500
SB1415	N	N	15	100	7	50	N	N	15	30	N	15	N	500
SB1416	N	N	15	70	5	50	N	N	15	50	N	10	N	300
SB1417	N	N	15	70	<5	20	N	<20	20	50	N	10	N	300
SB1418	N	N	15	30	5	20	N	N	10	30	N	7	N	300
SB1419	N	N	15	100	5	100	N	N	15	50	N	10	N	500
SB1420	N	N	15	100	5	100	N	<20	15	50	N	10	N	500
SB1421	N	N	15	70	5	100	N	N	15	70	N	10	10	500
SB1422	N	N	20	100	10	100	N	N	20	70	N	15	15	500
SB1423	N	N	15	70	5	50	N	<20	10	70	N	5	<10	500
SB1424	N	N	15	100	10	200	N	N	20	50	N	10	10	300
SB1425	N	N	15	150	15	20	N	<20	30	50	N	10	<10	200
SB1426	N	N	10	70	7	50	N	<20	20	70	N	7	<10	200
SB1427	N	N	10	50	5	50	N	N	10	70	N	5	<10	<100
SB1428	N	N	15	100	7	30	N	N	20	70	N	10	<10	500
SB1429	N	N	15	100	5	150	N	<20	15	100	N	10	20	500
SB1430	N	N	20	70	10	150	N	<20	10	70	N	15	10	500
SB1431	N	N	20	150	30	150	N	N	20	70	N	15	15	500
SB1432	N	N	20	70	20	200	N	N	15	70	N	20	20	500
SB1433	N	N	20	100	5	150	N	N	15	70	N	20	15	500
SB1434	N	N	20	100	5	150	N	<20	15	70	N	20	20	500
SB1435	N	N	20	70	10	150	N	N	20	50	N	20	10	500
SB1436	N	N	20	150	5	50	N	N	50	70	N	15	10	500
SB1437	N	N	20	100	5	20	N	<20	20	70	N	10	10	500
SB1438	N	N	30	100	10	150	<5	N	15	70	N	20	20	500
SB1439	N	N	20	150	5	N	N	N	70	50	N	10	<10	300
SB1440	N	N	20	150	5	20	N	N	20	70	N	15	<10	300

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB1396	100	N	50	<200	100	N	--	N	65	.30	N	N
SB1397	200	N	30	N	100	N	--	N	50	.30	N	N
SB1398	150	N	50	<200	150	N	--	N	75	.30	N	N
SB1399	200	N	50	N	150	N	--	N	95	.50	N	N
SB1400	150	N	50	N	200	N	--	N	80	.30	N	N
SB1401	100	N	30	<200	100	N	--	20	55	.20	N	N
SB1402	200	N	20	N	100	N	--	N	55	.20	N	N
SB1403	100	N	30	N	150	N	--	N	60	.20	N	N
SB1404	200	N	20	N	100	N	--	20	55	.30	N	N
SB1405	200	N	30	N	150	N	--	10	65	.30	N	N
SB1406	100	N	30	N	200	N	--	10	65	.30	N	N
SB1407	150	N	50	N	150	N	--	10	25	.20	N	N
SB1408	150	N	50	N	200	N	--	10	90	.20	N	N
SB1409	150	N	50	N	200	N	--	20	85	.20	N	N
SB1410	150	N	30	<200	150	N	--	30	80	.30	N	N
SB1411	70	N	50	N	100	N	--	N	55	.20	N	N
SB1412	50	N	30	N	100	N	--	N	60	.20	N	N
SB1413	70	N	30	N	100	N	--	N	80	.30	N	N
SB1414	100	N	70	N	150	N	--	N	65	.20	N	N
SB1415	70	N	70	N	100	N	--	N	50	.10	N	N
SB1416	50	N	50	N	100	N	--	N	70	.10	N	N
SB1417	50	N	50	N	150	N	--	N	60	.20	N	N
SB1418	50	N	50	N	200	N	--	N	60	.10	N	N
SB1419	50	N	50	N	1,000	N	--	N	50	.10	N	N
SB1420	50	N	30	N	200	N	--	N	60	.10	N	N
SB1421	50	N	50	N	500	N	--	N	60	N	N	N
SB1422	100	N	70	N	500	N	--	N	55	N	N	N
SB1423	50	N	30	N	300	N	--	N	70	N	N	N
SB1424	100	N	70	N	100	N	--	N	80	N	N	N
SB1425	100	N	50	N	200	N	--	N	70	.10	N	N
SB1426	50	N	30	N	100	N	--	N	80	.20	N	N
SB1427	30	N	30	N	100	N	--	N	75	.10	N	N
SB1428	50	N	50	N	70	N	--	N	70	.10	N	N
SB1429	70	N	50	N	300	N	--	N	65	.10	N	N
SB1430	100	N	50	N	300	N	--	N	75	.10	N	N
SB1431	100	N	50	N	100	N	--	N	65	N	N	N
SB1432	100	N	50	N	150	N	--	N	70	.10	N	N
SB1433	100	N	50	N	200	N	--	N	50	.10	N	N
SB1434	100	N	50	N	200	N	--	N	50	.10	N	N
SB1435	100	N	50	N	200	N	--	N	50	.10	N	N
SB1436	70	N	50	N	1,000	N	--	N	65	.10	N	N
SB1437	70	N	50	N	200	N	--	N	65	N	N	N
SB1438	200	<50	50	N	300	N	--	N	45	N	N	N
SB1439	50	N	30	N	200	N	--	N	50	N	N	N
SB1440	50	N	50	N	200	N	--	10	35	N	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB1441	64 35 17	162 55 44	3.0	.70	.50	.50	1,000	N	N	N	100	500	1.0
SB1442	64 36 20	162 53 10	3.0	1.50	.70	.20	500	N	N	N	20	500	1.0
SB1443	64 36 32	162 53 1	3.0	1.50	1.00	.50	700	N	N	N	50	500	2.0
SB1444	64 37 35	162 57 2	5.0	1.50	1.00	.50	1,000	N	N	N	100	700	2.0
SB1445	64 38 40	162 47 55	5.0	2.00	2.00	.50	1,000	N	N	N	100	1,000	5.0
SB1446	64 39 41	162 53 57	7.0	2.00	2.00	.70	1,000	N	N	N	100	1,000	3.0
SB1447	64 39 53	162 53 56	5.0	1.50	1.00	.50	700	N	N	N	100	1,000	3.0
SB1448	64 40 45	162 59 12	7.0	1.00	.70	.70	1,000	N	N	N	200	500	2.0
SB1449	64 42 0	162 59 15	5.0	2.00	2.00	.30	1,000	N	N	N	150	500	2.0
SB1450	64 43 15	162 56 55	5.0	2.00	1.00	.50	700	N	N	N	150	700	2.0
SB1451	64 42 45	162 56 54	5.0	2.00	1.50	.70	1,000	N	N	N	200	1,000	5.0
SB1452	64 44 11	162 57 36	7.0	2.00	1.00	.70	1,000	N	N	N	70	700	5.0
SB1453	64 44 10	162 59 22	7.0	3.00	1.00	1.00	1,000	N	N	N	200	500	1.0
SB1454	64 44 21	162 59 22	3.0	2.00	.70	.70	1,000	N	N	N	200	300	2.0
SB1455	64 45 9	162 58 19	5.0	3.00	2.00	.70	700	N	N	N	150	700	2.0
SB1456	64 45 3	162 57 51	5.0	2.00	1.00	.70	1,000	N	N	N	100	500	3.0
SB1457	64 46 14	163 0 14	5.0	2.00	.70	1.00	1,000	N	N	N	200	500	2.0
SB1458	64 46 20	162 59 51	5.0	2.00	2.00	.50	700	N	N	N	100	700	2.0
SB1459	64 41 48	162 53 23	7.0	1.00	1.00	1.00	1,000	N	N	N	50	2,000	7.0
SB1460	64 42 32	162 51 9	10.0	2.00	2.00	.70	1,000	N	N	N	50	2,000	5.0
SB1461	64 43 48	162 49 41	.5	1.00	1.50	.70	1,000	N	N	N	20	1,500	2.0
SB1462	64 44 4	162 48 28	.5	1.00	1.00	.50	1,000	N	N	N	20	1,500	5.0
SB1463	64 44 22	162 48 55	.5	1.00	1.00	.50	1,000	N	N	N	50	1,000	3.0
SB1464	64 43 52	162 43 9	.3	1.00	.50	.50	700	N	N	N	50	700	5.0
SB1465	64 43 45	162 42 12	.3	1.00	.70	.70	500	N	N	N	30	700	3.0
SB1466	64 42 12	162 42 19	.5	2.00	1.00	.70	700	N	N	N	100	500	2.0
SB1467	64 42 12	162 42 39	.7	1.50	1.00	.70	700	N	N	N	20	1,000	3.0
SB1468	64 39 16	162 40 25	.5	1.50	1.00	.50	700	N	N	N	15	1,000	3.0
SB1469	64 40 18	162 39 30	.5	1.50	.70	.50	700	N	N	N	200	500	2.0
SB1470	64 42 19	162 36 19	.5	1.00	.70	1.00	700	N	N	N	<10	700	2.0
SB1471	64 42 9	162 36 32	.5	1.00	.50	.70	700	N	N	N	20	1,000	2.0
SB1472	64 44 34	162 31 49	.5	2.00	1.00	.70	700	N	N	N	50	500	1.0
SB1473	64 44 24	162 32 19	.7	1.50	2.00	1.00	700	N	N	N	50	1,000	1.0
SB1474	64 44 53	162 28 31	.5	.50	.50	.50	700	N	N	N	20	500	5.0
SB1475	64 44 58	162 28 40	.3	.70	.50	.50	500	N	N	N	100	300	2.0
SB1476	64 46 17	162 27 59	.7	.70	.50	.50	1,000	N	N	N	200	300	2.0
SB1477	64 46 8	162 31 9	.5	2.00	.70	.70	700	N	N	N	100	700	1.0
SB1478	64 45 30	162 37 17	.7	1.00	1.00	1.00	700	N	N	N	30	700	1.0
SB1479	64 30 59	163 20 36	.3	.50	.20	.50	700	N	N	N	100	500	2.0
SB1480	64 29 56	163 15 3	.3	.50	.20	.50	500	N	N	N	100	500	2.0
SB1481	64 29 10	163 14 21	.3	.50	.10	.50	500	N	N	N	100	500	1.0
SB1482	64 27 2	163 14 7	.3	.50	.10	.50	700	N	N	N	100	300	1.0
SB1483	64 24 26	163 10 21	.3	.50	.10	.70	700	N	N	N	100	200	1.0
SB1484	64 26 14	163 6 52	5.0	.50	.10	.70	500	N	N	N	100	200	1.0
SB1485	64 26 21	163 6 49	3.0	.70	.15	.50	500	N	N	N	100	300	1.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB1441	N	N	20	70	7	N	N	N	15	50	N	10	10	200
SB1442	N	N	20	200	7	N	N	N	70	50	N	10	10	200
SB1443	N	N	20	150	<5	20	N	<20	20	70	N	10	20	500
SB1444	N	N	20	150	5	<20	N	<20	30	50	N	15	15	500
SB1445	N	N	20	100	7	150	N	<20	20	70	N	20	20	500
SB1446	N	N	20	100	7	150	N	<20	20	70	N	20	20	500
SB1447	N	N	20	100	10	70	N	<20	50	70	N	15	20	500
SB1448	N	N	20	100	10	<20	N	<20	50	30	N	20	N	500
SB1449	N	N	20	100	20	N	N	N	50	20	N	10	N	500
SB1450	N	N	20	150	10	<20	N	<20	50	50	N	15	10	500
SB1451	N	N	20	150	15	100	N	<20	50	50	N	20	10	500
SB1452	N	N	30	150	10	100	N	<20	100	100	N	20	50	500
SB1453	N	N	20	100	20	20	N	<20	30	20	N	10	N	100
SB1454	N	N	15	70	10	20	N	<20	20	20	N	15	N	300
SB1455	N	N	20	100	15	<20	N	<20	20	30	N	20	<10	700
SB1456	N	N	20	150	10	50	N	<20	100	50	N	30	30	500
SB1457	N	N	20	100	15	N	N	<20	20	20	N	15	N	200
SB1458	N	N	20	100	20	<20	N	N	20	20	N	15	N	500
SB1459	N	N	20	100	10	200	N	20	10	100	N	15	20	500
SB1460	N	N	30	100	10	200	N	<20	15	100	N	20	20	700
SB1461	N	N	20	70	20	200	N	20	20	100	N	10	30	500
SB1462	N	N	20	50	10	100	N	20	20	70	N	10	20	700
SB1463	N	N	20	50	10	150	N	20	15	70	N	15	20	500
SB1464	N	N	20	150	10	100	N	<20	20	50	N	15	<10	300
SB1465	N	N	15	70	5	100	5	20	15	70	N	10	10	500
SB1466	N	N	30	200	10	150	N	N	20	30	N	20	<10	300
SB1467	N	N	30	150	10	200	<5	20	70	70	N	15	20	500
SB1468	N	N	20	70	10	100	N	<20	30	70	N	15	<10	700
SB1469	N	N	20	200	10	100	N	<20	15	50	N	15	50	300
SB1470	N	N	10	50	<5	200	10	20	70	50	N	7	15	500
SB1471	N	N	10	70	<5	150	10	20	10	70	N	10	10	500
SB1472	N	N	20	150	10	150	N	<20	10	30	N	20	10	500
SB1473	N	N	30	150	10	200	N	20	20	50	N	20	20	700
SB1474	N	N	10	30	<5	150	N	50	15	70	N	10	10	300
SB1475	N	N	10	70	7	100	N	20	5	50	N	10	10	200
SB1476	N	N	10	70	7	200	N	30	15	50	N	10	30	200
SB1477	N	N	30	200	20	50	N	<20	15	50	N	20	<10	300
SB1478	N	N	20	100	<5	200	10	20	70	70	N	15	30	700
SB1479	N	N	10	50	<5	N	N	<20	20	10	N	15	N	200
SB1480	N	N	10	50	<5	50	N	<20	15	30	N	10	<10	200
SB1481	N	N	15	70	5	<20	10	<20	20	20	N	15	N	<100
SB1482	N	N	20	70	15	N	N	<20	30	10	N	10	N	100
SB1483	N	N	10	70	<5	N	N	<20	20	10	N	15	N	<100
SB1484	N	N	15	100	7	<20	N	<20	50	10	N	15	N	<100
SB1485	N	N	15	70	10	<20	N	<20	50	10	N	15	N	<100

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB1441	50	N	50	N	200	N	--	N	65	N	N	N
SB1442	50	N	30	N	300	N	--	N	65	N	N	N
SB1443	70	N	50	N	300	N	--	N	45	N	N	N
SB1444	100	N	50	N	200	N	--	N	50	N	N	N
SB1445	100	N	70	<200	200	N	--	N	60	.10	N	N
SB1446	100	N	70	<200	500	N	--	N	65	.10	N	N
SB1447	100	N	50	N	300	N	--	N	85	.10	N	N
SB1448	100	N	50	N	300	N	--	N	65	.10	N	N
SB1449	100	N	20	N	100	N	--	10	85	N	N	N
SB1450	100	N	50	N	200	N	--	50	75	.20	N	3
SB1451	150	N	70	N	300	N	--	N	75	.10	N	N
SB1452	150	N	100	N	>1,000	N	--	10	60	.10	N	N
SB1453	200	N	50	N	1,000	N	--	20	65	.10	N	N
SB1454	100	N	50	N	200	N	--	50	55	.10	N	N
SB1455	100	N	50	N	300	N	--	20	65	.10	N	N
SB1456	100	N	100	N	>1,000	N	--	N	55	.10	N	N
SB1457	150	N	30	N	200	N	--	120	120	1.30	N	2
SB1458	100	N	30	N	150	N	--	10	230	1.80	N	4
SB1459	200	N	100	N	>1,000	N	--	N	110	.20	N	2
SB1460	200	N	100	N	300	N	--	N	60	.10	N	N
SB1461	200	N	100	<200	1,000	N	--	N	100	.20	N	N
SB1462	150	N	70	<200	1,000	N	--	N	85	.20	N	N
SB1463	150	N	70	<200	500	N	--	N	80	.20	N	N
SB1464	100	N	50	<200	300	N	--	10	95	.20	N	N
SB1465	100	N	70	<200	300	N	--	10	90	.20	N	N
SB1466	100	N	50	<200	500	N	--	30	85	.20	N	N
SB1467	150	N	100	<200	1,000	N	--	N	55	.10	N	N
SB1468	100	N	50	<200	300	N	--	<10	70	.20	N	N
SB1469	100	N	50	<200	500	N	--	90	80	.20	2.0	N
SB1470	100	N	100	<200	300	N	--	<10	60	.10	N	N
SB1471	100	N	100	<200	1,000	N	--	<10	50	.10	6.0	N
SB1472	150	N	70	<200	200	N	--	<10	65	.20	N	N
SB1473	200	N	150	<200	300	N	--	<10	40	.10	N	N
SB1474	100	N	100	<200	700	N	--	<10	50	.20	N	N
SB1475	70	N	50	<200	200	N	--	<10	65	.20	N	N
SB1476	100	N	100	<200	700	N	--	<10	60	.20	6.0	N
SB1477	100	N	50	<200	100	N	--	<10	100	.40	N	N
SB1478	100	N	150	<200	500	N	--	<10	45	.10	N	N
SB1479	100	N	50	<200	300	N	--	10	55	.10	N	N
SB1480	100	N	50	<200	100	N	--	<10	50	.10	N	N
SB1481	100	N	50	<200	200	N	--	<10	70	.20	N	N
SB1482	100	N	50	<200	150	N	--	<10	90	.50	N	N
SB1483	70	N	50	<200	100	N	--	<10	75	.20	N	N
SB1484	70	N	50	<200	150	N	--	<10	95	.20	N	N
SB1485	100	N	30	<200	150	N	--	20	80	.20	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB1486	64 27 46	163 5 59	3.0	.50	.10	.50	500	N	N	N	100	300	1.5
SB1487	64 29 2	163 6 1	5.0	.50	.20	.70	1,000	N	N	N	100	300	1.0
SB1488	64 29 11	163 6 6	3.0	.50	.20	.50	700	N	N	N	100	300	1.5
SB1489	64 31 19	163 11 38	5.0	.50	.20	.50	1,000	N	N	N	100	300	1.0
SB1490	64 31 45	163 14 7	5.0	.50	.50	.70	1,500	N	N	N	150	300	1.5
SB1491	64 32 6	163 18 2	2.0	.30	.30	.30	500	N	N	N	150	300	1.0
SB1492	64 33 7	163 20 51	3.0	.50	.30	.70	2,000	N	N	N	100	300	1.0
SB1493	64 33 26	163 23 20	5.0	.70	.30	1.00	2,000	N	N	N	100	300	1.0
SB1494	64 33 20	163 24 58	2.0	.50	.20	.50	500	N	N	N	100	500	1.0
SB1495	64 34 13	163 29 1	7.0	1.00	.70	.70	5,000	N	N	N	100	200	<1.0
SB1496	64 33 44	163 29 33	5.0	.50	.50	1.00	2,000	N	N	N	100	300	<1.0
SB1497	64 38 58	163 55 7	5.0	1.00	.70	1.00	700	N	N	N	30	200	1.0
SB1498	64 39 12	163 56 57	5.0	1.00	.30	.50	500	N	N	N	50	300	<1.0
SB1499	64 37 20	163 53 6	5.0	.70	.20	.50	500	N	N	N	70	500	<1.0
SB1500	64 36 38	163 54 36	5.0	1.00	.30	.70	700	N	N	N	70	500	<1.0
SB1501	64 37 26	163 57 27	5.0	1.50	.70	.50	1,000	N	N	N	70	500	1.0
SB1502	64 35 28	163 54 26	5.0	.50	.05	.50	1,000	N	N	N	50	300	1.0
SB1503	64 35 29	163 55 24	5.0	1.00	.20	.50	500	N	N	N	150	300	1.0
SB1504	64 36 31	163 58 29	5.0	1.00	.30	.50	500	N	N	N	100	300	<1.0
SB1505	64 34 54	163 58 36	5.0	1.00	.05	.50	700	N	N	N	50	300	1.0
SB1506	64 34 2	163 56 58	.5	1.00	.30	.50	1,000	N	N	N	50	500	2.0
SB1507	64 34 45	163 51 51	.5	1.00	.20	.50	1,500	N	N	N	100	500	2.0
SB1508	64 34 49	163 51 24	.5	1.00	.20	.70	1,000	N	N	N	200	500	2.0
SB1509	64 35 57	163 50 24	.5	1.50	.20	.70	1,000	N	N	N	150	500	1.0
SB1510	64 36 17	163 39 57	.5	1.50	.15	.70	700	N	N	N	150	500	2.0
SB1511	64 35 33	163 37 21	.5	1.50	.10	.50	700	N	N	N	150	500	2.0
SB1512	64 34 48	163 36 8	.5	1.00	.20	1.00	700	N	N	N	150	300	1.0
SB1513	64 42 5	163 24 37	.3	.70	.30	.50	1,000	N	N	N	100	700	2.0
SB1514	64 44 17	163 21 43	.5	1.00	.50	.50	1,000	N	N	N	150	1,000	2.0
SB1515	64 48 46	162 23 59	.3	1.00	.50	.50	700	N	N	N	20	700	3.0
SB1516	64 48 54	162 24 3	.7	.50	.50	.50	700	N	N	N	20	500	3.0
SB1517	64 50 18	162 22 6	.7	.70	.70	.30	700	N	N	N	20	500	3.0
SB1518	64 50 52	162 17 18	.5	.70	.70	.50	700	N	N	N	20	500	3.0
SB1519	64 51 35	162 15 57	.5	.50	.70	.50	700	N	N	N	10	300	5.0
SB1520	64 52 55	162 14 21	.7	.30	.50	.30	700	N	N	N	20	300	5.0
SB1521	64 53 48	162 13 3	5.0	.50	.50	.70	700	N	N	N	10	300	5.0
SB1522	64 56 3	162 16 49	3.0	.20	.30	.20	500	N	N	N	15	300	7.0
SB1523	64 54 9	162 0 27	3.0	1.00	.30	.50	500	N	N	N	50	1,000	1.0
SB1524	64 52 3	162 4 23	2.0	1.00	.30	.50	700	N	N	N	100	500	1.0
SB1525	64 51 32	162 9 26	2.0	2.00	1.00	.30	500	N	N	N	100	500	1.0
SB1526	64 48 24	162 15 41	3.0	1.00	.50	.30	700	N	N	N	50	300	2.0
SB1527	64 47 25	162 18 38	5.0	1.50	1.00	.50	700	N	N	N	70	300	2.0
SB1528	64 46 54	162 19 37	10.0	.50	.50	.50	700	N	N	N	10	300	5.0
SB1529	64 47 1	162 19 26	5.0	1.00	.70	.50	700	N	N	N	10	300	5.0
SB1530	64 44 19	164 6 8	5.0	1.50	1.00	1.00	1,000	N	N	N	50	300	1.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB1486	N	N	15	70	10	<20	N	<20	50	20	N	10	N	100
SB1487	N	N	15	50	5	100	N	<20	15	20	N	20	N	100
SB1488	N	N	15	70	5	50	N	<20	15	10	N	15	N	<100
SB1489	N	N	15	70	5	50	N	<20	15	10	N	15	N	100
SB1490	N	N	10	50	<5	50	N	<20	10	<10	N	20	N	<100
SB1491	N	N	5	20	<5	N	N	<20	10	<10	N	5	N	200
SB1492	N	N	5	50	<5	150	N	<20	10	10	N	20	N	200
SB1493	N	N	10	50	<5	<20	N	<20	15	15	N	20	<10	100
SB1494	N	N	10	70	<5	N	N	N	20	10	N	10	N	150
SB1495	N	N	10	100	<5	150	N	<20	5	<10	N	30	10	100
SB1496	N	N	7	30	<5	100	N	20	5	10	N	20	<10	100
SB1497	N	N	20	100	7	<20	N	<20	20	20	N	20	N	200
SB1498	N	N	20	100	10	20	N	N	50	20	N	20	N	100
SB1499	N	N	20	100	10	N	N	N	50	20	N	15	N	100
SB1500	N	N	20	100	10	<20	N	<20	50	20	N	15	N	150
SB1501	N	N	20	150	15	20	N	<20	50	30	N	20	N	200
SB1502	N	N	20	70	10	<20	N	<20	30	20	N	10	N	<100
SB1503	N	N	20	100	10	N	N	<20	70	20	N	15	N	<100
SB1504	N	N	20	100	15	N	N	<20	50	20	N	15	N	100
SB1505	N	N	20	150	10	N	N	<20	50	20	N	15	N	<100
SB1506	N	N	20	100	10	N	N	<20	100	20	N	10	N	<100
SB1507	N	N	30	100	20	N	N	<20	70	50	N	15	N	<100
SB1508	N	N	20	100	20	N	N	<20	70	30	N	15	<10	<100
SB1509	N	N	20	100	10	N	N	<20	50	30	N	10	<10	<100
SB1510	N	N	20	100	20	N	N	<20	100	50	N	15	<10	<100
SB1511	N	N	15	70	5	N	N	<20	70	20	N	10	<10	<100
SB1512	N	N	20	70	10	N	N	20	70	20	N	10	<10	<100
SB1513	N	N	20	70	10	100	N	N	20	30	N	10	N	100
SB1514	N	N	20	70	7	<20	N	<20	20	30	N	10	N	200
SB1515	N	N	10	50	<5	200	N	20	5	50	N	10	15	300
SB1516	N	N	10	50	<5	200	<5	50	10	70	N	10	20	200
SB1517	10	N	10	30	<5	500	N	50	5	70	N	10	15	200
SB1518	N	N	15	50	<5	150	N	50	10	50	N	15	15	300
SB1519	N	N	5	50	5	70	<5	50	<5	50	N	5	20	200
SB1520	N	N	5	20	<5	200	<5	30	5	50	N	5	15	200
SB1521	N	N	10	30	<5	100	N	20	10	50	N	10	20	300
SB1522	N	N	10	10	<5	100	10	<20	5	70	N	<5	10	300
SB1523	N	N	20	100	10	N	N	<20	50	<10	N	15	N	100
SB1524	N	N	20	100	10	N	N	N	50	<10	N	15	N	<100
SB1525	N	N	20	200	7	<20	<5	<20	70	15	N	10	N	<100
SB1526	N	N	20	700	7	100	N	<20	50	10	N	15	N	100
SB1527	N	N	20	100	10	150	N	30	30	30	N	15	10	300
SB1528	N	N	15	30	<5	200	N	20	10	50	N	10	30	200
SB1529	N	N	10	50	<5	200	N	20	7	50	N	10	15	300
SB1530	N	N	20	100	10	<20	N	<20	30	50	N	20	<10	300

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB1486	100	N	30	<200	150	N	--	20	55	.20	N	N
SB1487	70	N	70	<200	200	N	--	<10	55	.10	N	N
SB1488	70	N	50	<200	500	N	--	<10	60	.10	N	N
SB1489	70	N	50	<200	300	N	--	<10	55	.20	N	N
SB1490	70	N	70	<200	300	N	--	<10	30	.10	N	N
SB1491	50	N	30	<200	200	N	--	<10	20	.10	N	N
SB1492	100	N	100	<200	300	N	--	<10	30	.10	N	N
SB1493	70	N	70	<200	300	N	--	<10	40	.10	N	N
SB1494	70	N	30	<200	200	N	--	<10	35	.10	N	N
SB1495	100	N	100	<200	500	N	--	<10	30	<.10	N	N
SB1496	70	N	70	<200	500	N	--	<10	25	<.10	N	N
SB1497	150	N	50	<200	200	N	--	<10	50	.10	N	N
SB1498	100	N	50	<200	200	N	--	<10	85	.20	N	N
SB1499	100	N	30	<200	200	N	--	10	80	.30	N	2
SB1500	150	N	50	<200	200	N	--	<10	70	.20	N	N
SB1501	200	N	70	<200	200	N	--	N	95	.40	N	N
SB1502	100	N	50	<200	200	N	--	70	100	.20	N	4
SB1503	100	N	50	<200	200	N	--	N	100	.30	N	N
SB1504	100	N	50	<200	100	N	--	<10	90	.50	N	N
SB1505	100	N	30	<200	100	N	--	<10	140	.60	N	N
SB1506	100	N	30	<200	200	N	--	10	80	.50	N	N
SB1507	100	N	50	<200	200	N	--	30	85	.40	N	16
SB1508	100	N	50	<200	200	N	--	20	85	.30	N	10
SB1509	100	N	30	<200	150	N	--	20	55	.80	N	2
SB1510	150	N	50	<200	200	N	--	30	60	.40	N	2
SB1511	100	N	50	<200	200	N	--	20	60	.60	N	2
SB1512	100	N	100	<200	200	N	--	10	45	.30	N	4
SB1513	100	N	50	N	300	N	--	10	60	.40	N	N
SB1514	100	N	30	N	200	N	--	10	70	.20	N	N
SB1515	100	N	100	N	200	N	--	N	30	.20	N	N
SB1516	100	N	100	N	1,000	N	--	N	30	.20	N	N
SB1517	100	N	100	N	500	N	--	N	30	.20	N	N
SB1518	150	N	100	N	1,000	N	--	10	35	<.10	N	N
SB1519	200	N	100	N	300	N	--	10	25	<.10	N	N
SB1520	70	N	70	N	300	N	--	10	20	<.10	N	N
SB1521	100	N	100	N	500	N	--	10	25	<.10	N	N
SB1522	70	N	30	N	100	N	--	10	35	.20	8.0	N
SB1523	100	N	30	N	100	N	--	30	60	.20	N	N
SB1524	100	N	30	N	150	N	--	20	55	1.00	N	N
SB1525	100	N	20	N	100	N	--	10	50	.20	N	N
SB1526	100	N	50	N	100	N	--	<10	55	.20	N	N
SB1527	100	N	100	N	>1,000	N	--	<10	45	.20	N	N
SB1528	200	N	150	<200	1,000	N	--	<10	25	.20	N	N
SB1529	100	N	100	N	300	N	--	<10	35	.20	N	N
SB1530	150	N	70	N	150	N	--	<10	35	.20	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm	Be-ppm
			s	s	s	s	s	s	s	s	s	s	s
SB1531	64 44 25	164 6 29	5.0	1.50	.50	.70	700	N	N	N	50	300	1.0
SB1532	64 43 49	164 7 59	5.0	1.00	.50	.50	700	N	N	N	70	500	1.0
SB1533	64 44 23	164 11 19	5.0	1.50	.50	.50	700	N	N	N	50	300	1.0
SB1534	64 43 55	164 12 22	5.0	1.00	.10	.50	700	N	N	N	100	700	2.0
SB1535	64 45 23	164 9 52	5.0	1.50	.70	.70	700	N	N	N	50	300	<1.0
SB1536	64 44 28	164 14 47	.3	1.00	.10	.50	500	N	N	N	100	300	2.0
SB1537	64 46 0	164 12 36	.3	1.50	.20	.50	700	N	N	N	100	500	2.0
SB1538	64 44 40	164 14 12	.5	1.50	.30	.50	700	N	N	N	100	500	1.0
SB1539	64 44 27	164 17 59	.3	1.00	.10	.50	500	N	N	N	100	300	1.0
SB1540	64 45 10	164 20 14	.5	1.00	.05	.70	500	N	N	N	100	300	2.0
SB1541	64 44 22	164 19 45	.5	1.00	.05	.50	500	N	N	N	100	300	1.5
SB1542	64 42 46	164 19 40	.5	1.50	.20	.50	500	N	N	N	100	500	2.0
SB1543	64 43 28	164 19 27	.5	1.00	.10	.50	500	N	N	N	100	300	2.0
SB1544	64 42 4	164 16 59	.3	1.00	.20	.30	500	N	N	N	100	500	1.0
SB1545	64 39 25	164 22 31	.3	.70	.30	.50	700	N	N	N	70	1,000	1.0
SB1546	64 39 26	164 22 4	.2	.30	.10	.30	500	N	N	N	70	500	1.0
SB1547	64 40 33	164 26 18	.5	1.50	.30	.70	1,000	N	N	N	100	500	<1.0
SB1548	65 15 20	163 31 40	.5	1.00	.10	.50	700	<.5	N	N	50	1,000	1.0
SB1549	65 15 24	163 31 48	.5	1.00	.20	.30	5,000	N	N	N	100	1,000	5.0
SB1550	65 14 55	163 31 34	.3	.70	.20	.50	700	N	N	N	50	1,000	1.0
SB1551	65 14 58	163 31 45	.5	.70	.15	.50	500	1.0	N	N	30	1,000	1.0
SB1552	65 16 2	163 39 53	.5	1.00	.50	.30	1,000	N	N	N	100	1,000	1.0
SB1553	65 16 11	163 39 57	1.5	.50	.10	.20	200	<.5	N	N	100	1,500	2.0
SB1554	65 15 38	163 39 38	3.0	1.00	.30	.50	700	<.5	N	N	200	1,000	2.0
SB1555	65 15 8	163 38 45	3.0	1.00	.50	.50	500	N	N	N	200	500	2.0
SB1556	65 20 3	163 42 14	2.0	1.00	.30	.50	500	1.5	N	N	30	2,000	1.0
SB1557	65 16 36	163 50 33	2.0	.50	.10	.20	2,000	<.5	N	N	100	1,500	1.0
SB1558	65 12 41	163 48 11	7.0	2.00	1.00	.70	700	.5	N	N	20	500	<1.0
SB1559	65 12 48	163 48 9	5.0	1.00	.50	.50	1,000	N	N	N	70	700	2.0
SB1560	65 12 57	163 51 11	5.0	1.50	.20	.50	500	N	N	N	100	500	2.0
SB1561	65 11 53	163 53 15	5.0	1.50	.70	.50	1,000	1.0	N	N	200	500	2.0
SB1562	64 52 37	164 49 45	7.0	1.50	.50	1.00	1,000	N	N	N	100	300	1.0
SB1563	64 53 5	164 53 5	5.0	1.50	.50	1.00	1,000	N	N	N	70	500	1.0
SB1564	64 53 1	164 59 7	5.0	1.50	.20	1.00	1,000	N	N	N	50	300	1.0
SB1565	64 50 46	164 57 12	5.0	1.50	.50	1.00	1,000	N	N	N	50	200	<1.0
SB1566	64 50 26	164 58 36	5.0	1.50	.50	1.00	500	N	N	N	30	200	<1.0
SB1567	64 49 36	164 57 24	2.0	1.50	2.00	.30	500	N	N	N	50	100	<1.0
SB1568	64 48 25	164 57 36	2.0	1.50	2.00	.30	500	N	N	N	50	200	<1.0
SB1569	64 49 26	164 53 11	2.0	1.50	1.50	.50	500	N	N	N	50	300	<1.0
SB1570	64 49 20	164 53 0	5.0	2.00	.70	.50	1,000	N	N	N	100	300	1.0
SB1571	64 50 29	164 50 1	3.0	1.50	.20	.50	700	N	N	N	100	300	1.0
SB1572	64 49 40	164 46 20	10.0	3.00	.70	1.00	1,500	N	N	N	30	2,000	N
SB1573	64 47 29	164 55 30	3.0	2.00	.50	.50	500	N	N	N	70	300	<1.0
SB1574	64 46 53	164 58 48	3.0	1.50	.50	.50	500	N	N	N	100	300	<1.0
SB1575	64 46 6	164 51 50	3.0	1.50	1.50	.50	500	N	N	N	100	300	<1.0

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB1531	N	N	30	150	10	<20	N	N	70	50	N	20	<10	200
SB1532	N	N	30	150	10	<20	N	<20	50	50	N	20	<10	100
SB1533	N	N	30	150	20	N	N	N	50	50	N	20	N	100
SB1534	N	N	30	100	20	N	<5	N	100	50	N	15	N	<100
SB1535	N	N	20	150	20	20	N	N	70	50	N	20	N	200
SB1536	N	N	20	150	70	<20	N	N	70	20	N	15	N	N
SB1537	N	N	20	100	50	<20	<5	<20	70	30	N	15	N	<100
SB1538	N	N	20	100	50	N	<5	<20	100	30	N	15	N	<100
SB1539	N	N	20	100	30	20	10	<20	70	30	N	10	N	N
SB1540	N	N	30	100	50	<20	N	<20	70	30	N	15	N	N
SB1541	N	N	20	100	50	N	<5	<20	70	30	N	15	N	N
SB1542	N	N	30	100	50	50	N	<20	70	30	N	15	N	<100
SB1543	N	N	30	100	50	<20	<5	<20	100	20	N	15	N	N
SB1544	N	N	20	100	50	N	N	N	50	20	N	10	N	N
SB1545	N	N	30	100	50	N	10	<20	100	20	N	10	N	N
SB1546	N	N	20	70	50	N	<5	N	70	10	N	10	N	N
SB1547	N	N	50	150	50	<20	N	<20	100	20	N	20	N	<100
SB1548	N	N	50	100	100	100	15	<20	100	30	N	20	N	<100
SB1549	N	N	500	100	100	50	15	N	1,000	20	N	15	N	<100
SB1550	N	N	20	70	50	<20	10	<20	100	50	N	10	N	100
SB1551	N	N	15	100	100	<20	20	<20	50	50	N	15	N	<100
SB1552	N	N	200	100	100	50	15	N	150	30	N	15	N	100
SB1553	N	N	10	50	70	<20	15	<20	50	20	N	7	N	100
SB1554	N	N	70	70	70	20	15	<20	100	30	N	10	N	100
SB1555	N	N	20	70	50	30	N	N	50	30	N	15	N	100
SB1556	N	N	20	70	100	<20	20	20	20	30	N	10	N	200
SB1557	N	N	10	70	50	20	15	<20	20	20	N	10	N	<100
SB1558	N	N	50	150	200	20	N	<20	100	200	N	20	N	100
SB1559	N	N	50	100	150	<20	<5	N	100	100	N	15	N	100
SB1560	N	N	30	100	70	50	<5	<20	100	50	N	15	N	100
SB1561	N	N	50	100	200	<20	N	<20	100	200	N	20	N	100
SB1562	N	N	50	100	100	<20	N	<20	100	30	N	20	N	100
SB1563	N	N	50	150	70	<20	N	<20	100	50	N	20	N	100
SB1564	N	N	30	150	50	20	N	<20	100	50	N	20	N	100
SB1565	N	N	30	150	50	<20	N	<20	100	20	N	20	N	<100
SB1566	N	N	30	150	50	<20	N	<20	70	20	N	15	N	100
SB1567	N	N	20	100	30	N	N	N	50	<10	N	10	N	300
SB1568	N	N	20	100	20	N	N	N	50	<10	N	10	N	200
SB1569	N	N	20	150	30	N	<5	N	70	10	N	10	N	<100
SB1570	N	N	30	150	70	N	N	<20	100	10	N	15	N	100
SB1571	N	N	30	100	50	N	N	<20	70	20	N	15	N	N
SB1572	N	N	20	200	70	<20	N	N	70	20	N	10	N	N
SB1573	N	N	20	100	20	N	N	N	70	<10	N	10	N	N
SB1574	N	N	20	100	15	N	N	N	50	<10	N	10	N	<100
SB1575	N	N	50	150	20	N	N	N	70	10	N	15	N	200

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB1531	150	N	50	<200	150	N	--	<10	30	N	N	N
SB1532	150	N	50	<200	150	N	--	<10	40	.10	N	N
SB1533	150	N	50	N	150	N	--	<10	55	.10	N	N
SB1534	200	N	50	<200	200	N	--	10	180	1.20	N	N
SB1535	150	N	50	<200	200	N	--	<10	40	<.10	N	N
SB1536	100	N	30	<200	200	N	--	10	75	.20	N	2
SB1537	100	N	50	<200	200	N	--	<10	95	.70	N	N
SB1538	150	N	100	<200	150	N	--	10	95	.90	N	N
SB1539	150	N	30	<200	150	N	--	20	90	.50	N	2
SB1540	150	N	50	<200	200	N	--	10	95	.20	N	4
SB1541	150	N	30	<200	150	N	--	40	85	.20	N	6
SB1542	150	N	30	<200	200	N	--	60	110	.20	N	4
SB1543	100	N	30	<200	200	N	--	30	75	.20	N	8
SB1544	100	N	20	<200	150	N	--	10	70	.30	N	N
SB1545	200	N	30	<200	150	N	--	10	90	.60	N	2
SB1546	200	N	20	<200	100	N	--	20	75	.50	N	N
SB1547	200	N	70	<200	200	N	--	20	85	.40	N	N
SB1548	200	N	50	<200	100	N	--	<10	450	2.00	N	N
SB1549	200	N	100	1,000	100	N	--	N	1,000	35.00	N	N
SB1550	200	N	50	<200	100	N	--	N	160	1.20	N	N
SB1551	300	N	50	<200	100	N	--	N	170	.60	N	N
SB1552	150	N	50	200	100	N	--	N	600	7.00	N	N
SB1553	200	N	50	<200	100	N	--	N	150	.50	N	N
SB1554	200	N	100	200	100	N	--	N	550	3.80	N	N
SB1555	100	N	50	<200	150	N	--	N	80	.20	N	N
SB1556	300	N	70	<200	100	N	--	N	150	.70	N	N
SB1557	200	N	50	<200	70	N	--	N	100	.90	N	N
SB1558	300	N	50	200	200	N	--	50	400	3.20	N	N
SB1559	200	N	50	200	150	N	--	30	570	5.00	N	N
SB1560	200	N	50	<200	200	N	--	10	140	.60	N	N
SB1561	200	N	50	500	150	N	--	10	570	3.50	N	N
SB1562	200	N	30	<200	200	N	--	N	100	.20	N	N
SB1563	200	N	50	<200	200	N	--	N	85	.20	N	N
SB1564	150	N	50	<200	200	N	--	30	90	.20	N	N
SB1565	100	N	50	<200	300	N	--	10	60	.10	N	N
SB1566	150	N	50	<200	150	N	--	N	90	.10	N	N
SB1567	100	N	20	<200	100	N	--	N	45	.10	N	N
SB1568	100	N	10	<200	100	N	--	N	50	.10	N	N
SB1569	100	N	20	<200	100	N	--	N	50	.20	N	8
SB1570	150	N	20	<200	100	N	--	N	75	.20	N	N
SB1571	150	N	20	<200	100	N	--	10	60	.10	N	N
SB1572	300	N	20	<200	100	N	--	10	160	1.40	N	4
SB1573	100	N	20	<200	100	N	--	N	160	.30	N	N
SB1574	100	N	10	<200	100	N	--	10	75	.10	N	N
SB1575	100	N	30	<200	100	N	--	N	55	.20	N	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
SB1576	64 46 3	164 51 28	5.0	1.50	.50	.70	500	N	N	N	50	500	<1.0
SB1577	64 46 16	164 47 59	3.0	2.00	.50	.50	700	N	N	N	100	500	<1.0
SB1578	64 46 28	164 47 48	2.0	1.50	1.00	.30	500	N	N	N	100	500	<1.0
SB1579	64 48 22	164 41 29	5.0	1.50	.30	1.00	1,000	N	N	N	100	700	<1.0
SB1580	64 48 31	164 41 14	5.0	1.00	.70	1.00	1,000	N	N	N	150	100	<1.0
SB1581	65 14 32	162 29 16	2.0	1.00	.70	.50	700	N	N	N	10	700	1.0
SB1582	65 15 24	162 28 31	2.0	.50	.30	.50	700	N	N	N	10	700	1.0
SB1583	65 16 23	162 29 38	3.0	.70	.50	.70	700	N	N	N	20	700	2.0
SB1584	65 16 31	162 30 38	2.0	.30	.50	.30	500	N	N	N	10	700	2.0
SB1585	65 9 35	162 32 50	2.0	.20	.20	.30	500	N	N	N	10	500	2.0
SB1586	65 6 4	162 34 54	2.0	1.00	.50	.30	500	N	N	N	70	700	2.0
SB1587	65 4 59	162 34 17	2.0	1.50	.50	.20	1,000	N	N	N	100	700	1.0
SB1588	65 3 11	162 34 11	3.0	1.50	.50	.30	500	N	N	N	100	500	1.0
SB1589	65 1 55	162 31 23	2.0	2.00	1.00	.20	1,000	N	N	N	50	200	N
SB1590	65 1 35	162 34 53	1.0	5.00	10.00	.10	500	<.5	N	N	<10	20	N

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
SB1576	N	N	50	100	50	N	10	N	70	10	N	15	N	<100
SB1577	N	N	50	150	50	<20	N	N	70	10	N	20	N	<100
SB1578	N	N	20	100	70	N	N	<20	50	10	N	10	N	100
SB1579	N	N	30	70	20	<20	<5	N	50	30	N	15	N	100
SB1580	N	N	20	100	15	N	N	N	20	50	N	20	N	150
SB1581	N	N	10	50	5	100	N	<20	10	50	N	10	<10	500
SB1582	N	N	10	50	10	100	N	N	20	20	N	7	N	300
SB1583	N	N	15	50	10	100	N	<20	15	50	N	10	N	500
SB1584	N	N	10	20	5	20	N	N	10	50	N	5	N	500
SB1585	N	N	5	10	5	200	N	20	5	70	N	<5	N	500
SB1586	N	N	20	100	20	20	N	N	70	20	N	10	N	100
SB1587	N	N	20	100	50	N	N	N	50	70	N	10	N	100
SB1588	N	N	20	100	50	N	N	<20	50	100	N	15	N	<100
SB1589	N	N	15	70	10	N	N	N	30	100	N	10	N	<100
SB1590	N	N	10	30	5	N	N	N	15	1,500	N	<5	N	200

Table 3.--Spectrographic results from the analysis of stream-sediment samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
SB1576	200	N	50	<200	150	N	--	<10	140	1.40	N	N
SB1577	150	N	30	<200	150	N	--	<10	90	.30	N	N
SB1578	100	N	20	<200	100	N	--	<10	90	.20	N	N
SB1579	200	N	50	<200	150	N	--	10	110	.60	N	2
SB1580	100	N	50	N	150	N	--	<10	130	.20	N	N
SB1581	100	N	50	N	200	N	--	N	45	N	N	N
SB1582	50	N	30	N	100	N	--	N	80	.20	N	N
SB1583	100	N	50	N	200	N	--	N	80	N	N	N
SB1584	50	N	20	N	100	N	--	N	50	N	N	N
SB1585	70	N	50	N	200	N	--	N	65	.10	N	N
SB1586	100	N	30	N	150	N	--	N	110	.70	N	N
SB1587	100	N	20	N	100	N	--	100	100	1.20	N	2
SB1588	100	N	30	N	100	N	--	10	260	1.90	N	4
SB1589	100	N	20	N	100	N	--	N	140	.90	N	N
SB1590	50	N	<10	N	20	N	--	50	460	1.70	N	6

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska

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

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB0001	64 53 45	163 39 30	1.0	.20	5.00	>2.0	500	7.0	N	20	100	1,000
SB0002	65 3 0	164 17 15	.5	1.00	3.00	>2.0	200	N	N	N	200	500
SB0003	65 4 5	164 22 55	1.0	.30	.50	>2.0	200	<1.0	N	N	300	700
SB0004	65 6 7	164 16 30	.7	.30	.70	>2.0	150	N	N	N	300	300
SB0005	65 5 30	164 19 55	.7	.30	1.50	>2.0	200	N	N	N	150	500
SB0006	65 10 35	164 9 30	.7	.30	2.00	>2.0	150	<1.0	N	N	300	200
SB0007	65 10 45	164 9 30	1.0	3.00	5.00	>2.0	200	<1.0	N	N	70	500
SB0008	65 7 15	164 14 20	1.0	2.00	3.00	>2.0	200	<1.0	N	N	200	500
SB0009	65 9 40	164 13 15	1.0	1.50	3.00	>2.0	200	<1.0	N	N	200	500
SB0010	65 6 25	164 17 50	.7	.15	5.00	>2.0	200	N	N	N	30	200
SB0011	65 7 35	164 19 30	.7	.10	7.00	>2.0	150	N	N	N	20	200
SB0012	65 8 40	164 19 7	.7	.20	7.00	>2.0	200	N	N	N	100	300
SB0013	65 8 45	164 20 35	.7	.20	7.00	>2.0	150	1.0	N	N	30	150
SB0014	65 9 30	164 21 15	.7	.30	7.00	>2.0	150	<1.0	N	N	20	150
SB0015	65 10 10	164 18 42	1.0	.20	7.00	>2.0	150	N	N	N	100	200
SB0016	65 9 25	164 27 15	.7	.10	7.00	>2.0	300	N	N	N	20	200
SB0017	65 9 20	164 26 55	.7	.20	7.00	>2.0	300	N	N	N	20	100
SB0018	65 11 20	164 21 15	.7	.30	7.00	>2.0	200	N	N	N	50	150
SB0019	65 12 0	164 21 50	.7	.20	5.00	>2.0	200	N	N	N	100	200
SB0020	65 11 0	164 28 30	.7	.15	5.00	>2.0	200	N	N	N	20	150
SB0021	65 12 45	164 22 30	.7	.70	5.00	>2.0	150	<1.0	N	N	100	200
SB0022	65 12 30	164 18 20	1.0	.50	7.00	>2.0	200	N	N	N	100	150
SB0023	65 12 40	164 18 15	1.0	.50	1.00	2.0	150	<1.0	N	N	300	300
SB0024	65 12 45	164 16 50	.7	.20	3.00	1.0	200	5.0	N	N	300	200
SB0025	65 13 5	164 14 0	1.0	1.00	1.00	1.0	150	<1.0	N	N	70	200
SB0026	65 12 55	164 6 40	.7	.20	.70	2.0	100	<1.0	N	N	200	150
SB0027	65 12 45	164 6 40	1.0	.20	1.00	1.5	150	<1.0	N	N	200	150
SB0028	65 13 7	164 10 50	.7	.20	.50	1.5	100	<1.0	N	N	200	200
SB0029	65 12 10	164 11 5	1.0	2.00	1.50	>2.0	150	<1.0	N	N	100	300
SB0030	65 14 30	164 20 45	.7	.50	2.00	>2.0	150	N	N	N	500	150
SB0031	65 13 40	164 24 30	.7	.20	5.00	>2.0	200	N	N	N	100	150
SB0032	65 13 35	164 28 35	.7	.10	5.00	>2.0	150	N	N	N	150	200
SB0033	65 11 10	164 36 30	.7	.15	5.00	>2.0	300	N	N	N	20	200
SB0034	65 13 15	164 35 30	.7	.10	5.00	>2.0	200	N	N	N	20	200
SB0035	65 12 15	164 39 35	.7	.10	7.00	>2.0	200	N	N	N	30	200
SB0036	65 10 20	164 30 35	.7	.30	5.00	>2.0	300	N	N	N	50	300
SB0037	65 7 50	164 38 40	.7	.30	2.00	>2.0	200	N	N	N	70	500
SB0038	65 7 37	164 38 35	.7	.15	5.00	>2.0	200	N	N	N	30	200
SB0039	65 12 15	164 41 7	.7	.30	7.00	>2.0	200	1.5	N	N	50	100
SB0040	65 10 25	164 46 0	1.0	.10	7.00	>2.0	200	<1.0	N	N	50	150
SB0041	65 5 45	164 28 45	1.0	.30	5.00	>2.0	200	N	N	N	70	300
SB0042	65 5 45	164 29 7	1.0	.20	7.00	>2.0	200	N	N	N	50	200
SB0043	65 6 40	164 31 40	1.0	.10	7.00	>2.0	200	1.0	N	N	30	500
SB0044	65 5 22	164 35 25	1.0	1.50	5.00	>2.0	200	N	N	N	200	700
SB0045	65 5 30	164 27 25	1.0	.30	2.00	>2.0	300	N	N	N	150	500

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0001	N	N	N	N	100	10	N	N	70	N	100
SB0002	50	N	N	N	200	N	100	N	70	N	<20
SB0003	<2	N	N	N	150	<10	100	N	70	N	20
SB0004	N	N	N	N	200	N	50	N	100	N	<20
SB0005	20	N	N	<10	200	<10	50	N	100	N	<20
SB0006	15	N	N	N	200	<10	50	N	70	N	<20
SB0007	<2	N	N	N	100	<10	50	N	50	N	N
SB0008	<2	N	N	N	150	N	50	N	70	N	<20
SB0009	<2	N	N	N	150	<10	70	N	100	N	<20
SB0010	<2	N	N	N	200	N	100	N	150	N	<20
SB0011	2	N	N	N	150	N	100	<10	200	N	<20
SB0012	<2	N	N	N	150	N	100	N	150	N	20
SB0013	2	N	N	N	150	N	100	<10	100	N	N
SB0014	5	N	N	<10	150	N	100	<10	150	N	<20
SB0015	5	N	N	N	200	N	100	<10	150	N	50
SB0016	N	N	N	N	200	N	150	N	150	N	20
SB0017	N	N	N	N	200	N	200	N	150	N	<20
SB0018	N	N	N	N	200	N	100	N	100	N	N
SB0019	N	30	N	N	200	N	200	N	100	N	20
SB0020	N	N	N	N	300	N	150	<10	100	N	20
SB0021	<2	N	N	N	200	N	100	N	100	N	<20
SB0022	5	N	N	N	200	N	150	N	100	N	<20
SB0023	7	N	N	N	200	<10	50	N	70	10	<20
SB0024	7	70	N	N	200	N	70	N	100	N	<20
SB0025	<2	N	N	N	200	N	<50	N	50	N	<20
SB0026	30	N	N	N	200	<10	N	N	50	N	<20
SB0027	<2	N	N	N	200	<10	50	N	70	N	<20
SB0028	70	N	N	N	200	<10	50	N	50	N	<20
SB0029	<2	N	N	N	150	<10	N	N	<50	15	<20
SB0030	<2	N	N	N	200	N	70	N	100	N	N
SB0031	<2	N	N	N	200	N	200	N	100	N	N
SB0032	5	100	N	N	300	N	70	<10	150	N	N
SB0033	N	N	N	N	300	N	150	10	100	N	<20
SB0034	N	100	N	N	200	N	300	10	100	N	20
SB0035	N	N	N	N	200	N	200	N	100	N	20
SB0036	N	N	N	N	300	N	200	N	100	N	20
SB0037	2	N	N	N	300	N	70	N	150	N	20
SB0038	N	N	N	N	150	N	200	<10	100	N	20
SB0039	N	N	N	N	200	N	150	<10	100	N	<20
SB0040	20	N	N	N	100	N	100	N	100	N	20
SB0041	70	N	N	N	100	N	100	N	100	N	20
SB0042	2	N	N	N	150	N	150	N	100	N	20
SB0043	N	N	N	N	150	N	200	N	100	N	20
SB0044	100	N	N	N	100	N	100	N	100	N	20
SB0045	70	N	N	N	150	N	50	N	100	N	<20

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0001	N	10	30	N	150	150	150	N	100	N
SB0002	N	15	100	N	200	<100	500	N	>2,000	N
SB0003	N	10	30	N	150	<100	70	N	1,000	N
SB0004	N	10	20	N	200	300	70	N	1,500	N
SB0005	N	<10	>2,000	N	150	500	100	N	2,000	N
SB0006	N	<10	100	N	200	200	150	N	2,000	N
SB0007	N	<10	20	N	100	N	100	N	200	N
SB0008	N	N	20	N	150	<100	100	N	1,000	N
SB0009	N	<10	200	<200	150	<100	100	N	700	N
SB0010	N	N	>2,000	N	100	200	500	N	2,000	N
SB0011	N	N	>2,000	N	100	200	500	N	700	N
SB0012	N	10	200	N	100	150	300	N	2,000	N
SB0013	N	<10	500	N	100	100	500	N	200	N
SB0014	N	N	700	N	100	150	500	N	500	N
SB0015	N	<10	300	N	100	150	300	N	2,000	N
SB0016	N	N	100	N	100	100	500	N	1,000	N
SB0017	N	10	100	N	100	<100	500	N	700	N
SB0018	N	10	500	N	100	100	500	N	1,000	N
SB0019	N	15	100	N	200	150	500	N	2,000	<200
SB0020	N	15	200	N	200	200	500	N	>2,000	<200
SB0021	N	<10	150	N	150	<100	300	N	1,000	N
SB0022	N	N	1,000	N	150	300	500	N	1,500	N
SB0023	N	N	700	N	200	<100	150	N	300	N
SB0024	N	N	2,000	<200	150	200	300	N	500	N
SB0025	N	N	20	N	150	N	70	N	200	N
SB0026	N	N	200	N	150	100	70	N	300	N
SB0027	N	N	20	N	150	100	150	N	300	N
SB0028	N	N	30	N	150	150	70	N	200	N
SB0029	N	N	<20	N	150	N	70	N	150	N
SB0030	N	<10	100	N	200	100	200	N	1,000	N
SB0031	N	10	150	N	200	100	500	N	2,000	N
SB0032	N	20	500	N	300	300	500	N	2,000	N
SB0033	N	15	100	N	300	500	700	N	2,000	N
SB0034	N	15	500	N	200	500	700	N	2,000	<200
SB0035	N	<10	200	N	150	200	1,000	N	1,500	N
SB0036	N	30	200	N	200	200	300	N	>2,000	<200
SB0037	N	30	50	200	300	200	100	N	2,000	N
SB0038	N	10	300	N	150	300	500	N	>2,000	N
SB0039	N	N	200	N	100	100	700	N	200	N
SB0040	N	N	200	N	100	150	500	N	700	N
SB0041	N	<10	200	<200	100	100	300	N	2,000	N
SB0042	N	10	200	N	100	100	700	N	1,000	N
SB0043	N	N	150	N	100	<100	700	N	500	N
SB0044	N	<10	500	<200	100	100	300	N	1,500	N
SB0045	N	<10	150	N	100	200	200	N	1,500	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
			s	s	s	s	s	s	s	s	s	s
SB0046	65 6 45	164 28 30	1.0	1.50	7.00	>2.0	200	<1.0	N	N	100	500
SB0047	65 5 7	164 11 20	1.0	.20	.30	>2.0	100	1.5	N	N	200	500
SB0048	65 5 15	164 11 35	.7	.50	.50	>2.0	150	<1.0	N	N	100	500
SB0049	65 7 35	164 9 40	1.0	1.50	1.00	>2.0	300	<1.0	N	N	500	500
SB0050	65 6 42	164 10 55	.7	1.00	.70	>2.0	150	<1.0	N	N	500	500
SB0051	65 5 52	164 5 37	1.0	.70	2.00	>2.0	200	<1.0	N	N	500	700
SB0052	65 5 10	164 4 50	3.0	1.00	2.00	>2.0	1,000	<1.0	5,000	N	1,500	700
SB0053	65 6 45	164 3 52	2.0	2.00	2.00	>2.0	1,000	<1.0	N	N	2,000	500
SB0054	65 7 20	164 4 40	1.5	1.00	1.50	>2.0	500	<1.0	N	N	1,000	500
SB0055	65 8 10	164 1 0	1.5	2.00	5.00	>2.0	500	N	N	N	700	200
SB0056	65 9 35	164 2 55	1.5	3.00	3.00	1.5	500	N	N	N	200	200
SB0057	65 9 52	163 55 5	1.5	1.00	5.00	>2.0	300	<1.0	N	N	200	200
SB0058	65 9 55	163 54 55	1.0	1.50	5.00	>2.0	300	1.0	N	N	500	200
SB0059	65 11 10	163 58 37	1.0	.50	.70	2.0	1,500	<1.0	N	N	500	700
SB0060	65 11 10	163 59 0	.7	.50	.70	1.0	100	N	N	N	100	200
SB0061	65 10 7	163 52 7	1.0	2.00	10.00	>2.0	200	<1.0	N	N	70	500
SB0062	65 11 35	164 1 20	.7	.20	.70	1.0	150	N	N	N	150	200
SB0063	65 10 25	163 50 45	.7	.50	5.00	>2.0	150	1.0	N	N	100	150
SB0064	65 10 30	163 51 0	.7	2.00	5.00	>2.0	150	1.5	N	N	500	300
SB0065	65 11 25	163 55 30	1.0	1.00	2.00	>2.0	150	1.5	N	<20	1,000	200
SB0066	65 11 40	163 55 55	1.0	1.50	1.50	>2.0	700	<1.0	N	N	700	150
SB0067	65 13 15	163 55 30	1.0	1.00	2.00	>2.0	500	<1.0	N	N	1,000	500
SB0068	65 13 10	163 55 15	.7	1.00	1.50	>2.0	150	1.5	N	N	2,000	500
SB0069	65 12 0	163 55 20	1.0	1.50	3.00	>2.0	200	<1.0	N	N	200	500
SB0070	65 12 22	163 52 35	1.0	.50	5.00	>2.0	200	1.5	N	N	300	300
SB0071	65 12 15	163 52 25	1.0	3.00	7.00	>2.0	200	1.0	N	N	200	200
SB0072	65 9 25	163 58 0	.7	.50	7.00	>2.0	200	N	N	N	50	200
SB0073	65 8 55	163 59 25	1.0	1.00	7.00	>2.0	200	<1.0	N	N	70	200
SB0074	65 5 52	164 1 0	1.0	.50	3.00	>2.0	150	N	N	N	500	300
SB0075	65 6 10	163 59 0	.7	.70	5.00	>2.0	150	<1.0	N	N	100	300
SB0076	65 6 30	163 56 35	.7	2.00	7.00	>2.0	200	<1.0	N	N	100	200
SB0077	65 6 40	163 53 45	.7	3.00	7.00	>2.0	200	3.0	N	N	70	200
SB0078	65 8 45	163 49 35	.7	1.50	10.00	>2.0	150	<1.0	N	N	50	200
SB0079	65 8 35	163 49 25	.7	2.00	10.00	>2.0	150	<1.0	N	N	50	150
SB0080	65 7 15	163 52 5	.7	3.00	7.00	>2.0	150	<1.0	N	N	30	150
SB0081	65 7 45	163 37 50	.5	1.00	7.00	>2.0	200	N	N	N	150	200
SB0082	65 8 35	163 43 45	.7	3.00	7.00	>2.0	200	<1.0	N	N	50	150
SB0083	65 10 30	163 35 55	.7	2.00	7.00	>2.0	200	N	N	N	300	300
SB0084	65 9 10	163 38 22	.7	2.00	7.00	>2.0	500	N	N	N	150	200
SB0085	65 10 15	163 40 0	.7	.30	5.00	>2.0	200	N	N	N	50	200
SB0086	65 11 40	163 37 25	1.0	.50	5.00	>2.0	500	N	N	<20	1,000	200
SB0087	65 13 0	163 37 35	1.0	2.00	5.00	>2.0	700	1.5	N	N	1,500	500
SB0088	65 10 22	163 42 30	.7	2.00	7.00	>2.0	200	N	N	N	50	500
SB0089	65 11 5	163 45 20	.7	1.50	7.00	>2.0	500	N	N	N	700	300
SB0090	65 11 40	163 40 40	.7	2.00	5.00	>2.0	300	<1.0	N	N	700	500

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0046	20	N	N	N	100	N	70	N	100	N	<20
SB0047	N	N	N	N	150	N	100	N	150	N	<20
SB0048	50	N	N	N	150	<10	50	N	100	N	<20
SB0049	100	N	N	N	150	<10	N	N	70	N	<20
SB0050	70	N	N	N	150	N	50	N	70	N	<20
SB0051	<2	N	N	N	100	<10	70	N	100	N	<20
SB0052	<2	N	N	50	100	15	100	N	100	20	50
SB0053	50	N	N	10	150	15	100	N	70	20	<20
SB0054	50	N	N	10	150	10	70	N	70	20	20
SB0055	3	N	N	10	150	<10	100	N	100	15	20
SB0056	<2	N	N	<10	150	<10	50	N	50	15	20
SB0057	3	N	N	N	100	N	150	<10	100	N	20
SB0058	<2	N	N	N	150	N	200	<10	150	N	50
SB0059	15	N	<50	70	100	15	50	<10	100	100	20
SB0060	2	N	N	N	150	<10	50	N	<50	N	<20
SB0061	N	N	N	N	150	N	100	N	100	N	500
SB0062	15	N	N	N	200	10	100	N	50	15	<20
SB0063	N	N	N	N	200	N	150	N	100	N	500
SB0064	N	N	N	N	200	<10	100	N	150	N	700
SB0065	N	N	N	N	500	10	50	N	150	N	50
SB0066	20	N	<50	70	150	15	<50	N	70	50	<20
SB0067	20	50	N	N	100	<10	<50	N	70	15	30
SB0068	<2	N	N	N	300	N	50	N	300	N	<20
SB0069	20	N	N	N	150	10	100	N	150	<10	20
SB0070	N	N	N	<10	300	N	100	<10	200	N	500
SB0071	N	N	N	N	200	20	150	100	150	<10	1,000
SB0072	N	N	N	N	70	N	100	N	100	N	20
SB0073	N	N	N	N	100	N	100	N	150	N	<20
SB0074	15	N	N	N	200	N	100	N	100	N	<20
SB0075	N	N	N	N	200	N	100	N	150	N	<20
SB0076	N	N	N	N	150	N	100	N	150	N	N
SB0077	N	500	N	N	100	N	100	N	100	N	20
SB0078	N	N	N	N	100	N	200	<10	150	N	300
SB0079	N	N	N	N	100	N	200	<10	100	N	50
SB0080	N	N	N	N	100	N	150	N	100	N	<20
SB0081	N	N	N	<10	150	N	200	<10	100	N	100
SB0082	2	N	N	N	100	N	150	<10	100	N	<20
SB0083	N	N	N	N	100	N	200	10	100	N	<20
SB0084	N	N	N	<10	150	N	200	10	100	N	<20
SB0085	N	N	N	N	300	N	200	<10	100	N	<20
SB0086	N	N	N	N	100	N	300	10	150	N	20
SB0087	20	N	N	N	300	<10	100	<10	300	N	<20
SB0088	<2	N	N	N	70	N	100	N	100	N	<20
SB0089	<2	N	N	N	150	<10	150	N	150	N	<20
SB0090	N	N	N	<10	300	N	100	<10	300	N	<20

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0046	N	N	100	N	100	<100	300	N	1,000	N
SB0047	N	15	50	<200	200	500	50	N	500	N
SB0048	N	<10	100	N	200	500	50	N	1,000	N
SB0049	N	N	50	N	300	200	70	N	1,000	N
SB0050	N	<10	100	N	200	150	50	N	700	N
SB0051	N	15	500	<200	200	100	200	N	500	N
SB0052	N	15	300	<200	300	<100	150	N	200	<200
SB0053	N	15	200	<200	200	300	200	N	200	N
SB0054	N	<10	30	<200	200	150	100	N	200	N
SB0055	N	10	200	N	200	100	150	N	300	N
SB0056	N	10	20	N	150	N	100	N	200	N
SB0057	N	10	100	N	150	100	200	N	200	N
SB0058	N	10	300	N	200	100	200	N	300	N
SB0059	N	N	20	<200	200	200	100	500	100	N
SB0060	N	N	N	N	150	N	100	N	100	N
SB0061	N	N	70	<200	200	200	500	N	150	N
SB0062	N	N	150	N	150	<100	100	N	150	N
SB0063	N	15	1,000	<200	200	200	500	N	700	N
SB0064	N	10	700	<200	300	150	200	N	500	N
SB0065	N	50	70	N	700	<100	150	N	100	N
SB0066	N	N	70	N	300	300	100	<500	200	N
SB0067	N	N	30	N	300	<100	100	N	200	N
SB0068	N	50	70	N	1,000	200	150	N	300	N
SB0069	N	<10	1,000	<200	300	200	100	N	200	N
SB0070	N	15	100	N	500	500	200	N	1,000	N
SB0071	N	10	300	N	500	500	200	N	150	N
SB0072	N	N	70	<200	100	100	500	N	>2,000	N
SB0073	N	N	100	N	100	300	500	N	700	N
SB0074	N	<10	1,000	N	200	300	200	N	1,000	N
SB0075	N	10	50	N	300	<100	200	N	700	N
SB0076	N	10	50	N	200	<100	300	N	1,000	N
SB0077	N	<10	70	N	100	150	300	N	2,000	N
SB0078	N	10	70	N	100	100	300	N	1,000	<200
SB0079	N	N	70	N	150	200	500	N	1,500	N
SB0080	N	10	300	N	100	100	300	N	2,000	N
SB0081	N	15	150	N	150	200	700	N	>2,000	N
SB0082	N	10	100	N	150	100	300	N	700	200
SB0083	N	10	70	N	150	300	500	N	>2,000	N
SB0084	N	15	70	N	700	500	700	N	2,000	N
SB0085	N	20	70	N	1,000	300	500	N	>2,000	N
SB0086	N	20	100	N	200	<100	500	N	2,000	N
SB0087	N	50	50	N	1,000	100	200	N	200	N
SB0088	N	N	70	200	150	200	200	N	2,000	N
SB0089	N	10	100	N	300	200	500	N	2,000	N
SB0090	N	50	100	N	1,000	300	200	N	1,000	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB0091	65 11 25	163 42 45	.7	1.50	7.00	>2.0	300	N	N	N	200	300
SB0092	65 12 45	163 42 40	1.0	.50	2.00	>2.0	150	1.5	N	N	50	700
SB0093	65 13 0	163 43 55	1.0	2.00	5.00	>2.0	300	1.0	N	N	1,000	500
SB0094	65 12 37	163 47 5	1.0	2.00	5.00	>2.0	200	<1.0	N	N	1,000	500
SB0095	65 12 45	163 47 15	1.0	2.00	5.00	>2.0	200	2.0	N	N	1,000	500
SB0096	65 13 55	163 44 40	1.0	1.00	5.00	>2.0	200	1.0	N	N	1,000	500
SB0097	65 14 30	163 46 10	1.0	.30	3.00	>2.0	200	1.0	N	N	1,000	500
SB0098	65 14 35	163 45 50	1.0	1.00	3.00	>2.0	200	1.0	N	N	2,000	500
SB0099	65 15 30	163 47 0	1.0	1.00	2.00	>2.0	150	<1.0	N	N	1,500	500
SB0100	65 16 40	163 47 10	1.0	1.50	2.00	>2.0	200	1.0	N	N	1,500	700
SB0101	65 16 37	163 47 15	1.0	.50	1.50	>2.0	100	<1.0	N	N	1,000	300
SB0102	65 18 15	163 50 45	.7	3.00	3.00	>2.0	500	1.5	<500	N	3,000	1,000
SB0103	65 18 10	163 50 20	.7	.70	1.00	>2.0	200	.0	N	N	2,000	500
SB0104	65 17 0	163 47 35	.7	1.50	1.00	>2.0	200	.0	N	N	3,000	500
SB0105	65 20 15	163 53 40	.5	1.50	1.00	>2.0	200	.0	N	N	3,000	500
SB0106	65 21 30	163 53 50	.7	.10	.20	>2.0	70	.0	N	N	700	200
SB0107	65 19 45	163 48 15	.5	1.00	1.50	>2.0	500	1.5	N	N	3,000	1,500
SB0108	65 21 10	163 50 15	.7	2.00	2.00	>2.0	500	2.0	N	N	2,000	1,000
SB0109	65 21 22	163 50 15	.5	3.00	3.00	>2.0	500	1.5	N	N	5,000	700
SB0110	65 20 5	163 56 30	.7	2.00	2.00	>2.0	500	1.0	N	N	5,000	500
SB0111	65 19 0	163 58 40	.7	3.00	5.00	>2.0	700	1.5	N	N	2,000	2,000
SB0112	65 19 52	163 58 52	.5	1.50	3.00	>2.0	500	1.0	N	N	1,000	1,000
SB0113	65 18 25	164 3 50	.3	.10	1.00	1.0	200	<1.0	N	N	70	500
SB0114	65 17 25	164 4 0	.3	.10	3.00	1.0	200	<1.0	N	N	100	500
SB0115	65 15 45	164 3 0	.5	.20	.50	1.0	150	<1.0	N	N	200	300
SB0116	65 16 30	164 9 15	.5	.20	.50	1.0	150	<1.0	N	N	150	300
SB0117	65 16 25	164 9 45	.5	.20	1.50	>2.0	200	<1.0	N	N	200	500
SB0118	65 15 55	164 4 55	.5	.20	.30	1.0	150	<1.0	N	N	200	300
SB0119	65 15 37	163 57 45	.7	3.00	5.00	>2.0	700	1.0	N	N	1,000	700
SB0120	65 15 45	163 57 37	.7	2.00	3.00	>2.0	300	1.0	N	N	1,500	700
SB0121	64 56 6	163 44 30	2.0	.20	5.00	>2.0	500	10.0	N	50	100	5,000
SB0122	64 56 52	163 45 0	1.0	.30	1.50	>2.0	500	<1.0	N	N	150	500
SB0123	64 57 55	163 44 7	1.5	.10	2.00	>2.0	200	1.0	N	N	70	1,500
SB0124	64 57 52	163 43 55	2.0	.15	3.00	>2.0	300	1.0	N	N	100	200
SB0125	64 56 25	163 41 15	1.0	.30	3.00	>2.0	300	1.0	N	N	100	150
SB0126	65 56 30	163 41 22	1.0	1.00	3.00	>2.0	500	N	N	N	300	200
SB0127	64 57 45	163 39 15	.7	.20	3.00	>2.0	300	1.0	N	N	70	150
SB0128	64 57 55	163 39 25	.7	.30	3.00	>2.0	300	1.5	N	20	150	200
SB0129	64 58 35	163 38 5	.7	.15	2.00	>2.0	300	1.0	N	N	50	150
SB0130	64 57 25	163 40 5	1.0	.10	5.00	>2.0	200	1.0	N	N	70	300
SB0131	64 59 0	163 39 30	1.0	.15	5.00	>2.0	500	<1.0	N	N	150	2,000
SB0132	64 59 10	163 39 30	1.0	.50	3.00	>2.0	200	N	N	N	150	500
SB0133	64 59 40	163 40 5	1.0	.15	3.00	>2.0	150	1.0	N	N	150	10,000
SB0135	65 1 10	163 39 45	.7	.70	5.00	>2.0	500	N	N	N	700	500
SB0136	65 1 45	163 38 30	.7	1.00	5.00	>2.0	500	1.0	N	N	500	500

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0091	N	N	N	N	150	N	150	10	200	N	<20
SB0092	20	N	N	N	300	N	70	<10	200	N	<20
SB0093	2	20	N	N	150	<10	100	100	200	15	300
SB0094	10	N	N	N	150	<10	70	<10	200	N	<20
SB0095	N	N	N	<10	200	20	100	N	200	N	1,000
SB0096	20	N	N	N	200	<10	150	<10	200	N	50
SB0097	N	N	N	N	200	N	100	<10	200	N	20
SB0098	N	N	N	N	200	N	100	<10	200	N	<20
SB0099	10	N	N	N	200	N	100	N	300	N	N
SB0100	N	N	N	30	200	<10	70	<10	300	20	<20
SB0101	<2	N	N	N	300	N	70	N	500	N	N
SB0102	150	300	N	N	200	<10	50	N	500	N	20
SB0103	N	20	N	N	300	N	N	N	200	N	20
SB0104	10	N	N	N	300	N	N	N	500	N	<20
SB0105	5	N	N	N	500	N	N	N	200	N	<20
SB0106	N	N	N	N	200	N	N	N	300	N	<20
SB0107	N	N	N	<10	150	N	100	N	200	N	20
SB0108	5	N	N	10	150	10	70	N	300	N	20
SB0109	50	N	N	<10	200	N	100	N	200	N	20
SB0110	200	N	N	<10	300	N	50	N	150	N	20
SB0111	30	N	N	N	200	N	50	N	100	10	20
SB0112	50	N	N	N	300	10	70	N	70	10	<20
SB0113	N	N	N	N	70	N	<50	N	50	<10	20
SB0114	N	N	N	N	70	N	50	N	50	<10	20
SB0115	100	N	N	N	300	<10	50	N	50	15	<20
SB0116	70	N	N	N	300	N	50	N	50	10	<20
SB0117	50	N	N	N	300	N	50	N	100	N	20
SB0118	50	N	N	N	300	<10	50	N	<50	<10	<20
SB0119	30	<20	N	10	100	<10	<50	N	150	30	20
SB0120	70	N	N	<10	150	N	<50	<10	200	N	<20
SB0121	N	N	N	50	100	20	N	N	70	30	50
SB0122	N	N	N	<10	50	<10	N	N	70	N	20
SB0123	N	N	N	50	50	30	N	N	50	200	100
SB0124	N	N	N	10	70	10	N	N	100	20	30
SB0125	N	N	N	<10	70	10	N	N	100	N	20
SB0126	5	N	N	10	150	N	100	<10	100	N	<20
SB0127	N	N	N	10	100	N	50	N	70	N	1,000
SB0128	10	N	N	N	200	N	150	N	100	N	70
SB0129	N	N	N	<10	50	N	<50	N	70	N	20
SB0130	N	N	N	<10	50	N	N	N	70	N	<20
SB0131	N	N	N	<10	70	50	N	N	100	N	50
SB0132	30	N	N	15	200	N	150	N	150	N	<20
SB0133	N	N	N	10	70	N	N	N	70	N	<20
SB0135	5	N	N	N	200	<10	100	10	200	N	<20
SB0136	10	N	N	10	200	N	150	10	200	N	<20

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0091	N	10	200	N	200	500	500	N	2,000	N
SB0092	N	30	50	N	500	300	100	N	150	N
SB0093	N	15	50	<200	500	200	200	N	700	N
SB0094	N	15	70	<200	500	300	200	N	500	N
SB0095	N	20	100	N	500	150	200	N	500	N
SB0096	N	20	100	N	500	500	300	N	700	N
SB0097	N	20	100	N	700	300	200	N	500	N
SB0098	N	20	100	N	700	100	200	N	200	N
SB0099	N	20	100	N	1,000	200	200	N	300	N
SB0100	N	50	70	N	1,000	<100	100	N	100	N
SB0101	N	50	70	N	1,000	150	150	N	200	N
SB0102	N	30	100	N	1,000	300	150	N	300	N
SB0103	N	70	300	N	1,000	200	150	N	200	N
SB0104	N	70	100	N	1,000	300	100	N	200	N
SB0105	N	70	100	N	1,000	150	150	N	200	N
SB0106	N	150	500	N	200	100	100	N	150	N
SB0107	N	50	100	<200	700	150	150	N	300	N
SB0108	N	70	2,000	N	700	100	150	N	150	N
SB0109	N	30	300	N	1,000	100	200	N	200	N
SB0110	N	20	200	N	700	150	200	N	200	N
SB0111	N	10	100	N	500	<100	200	N	100	N
SB0112	N	<10	30	N	300	N	200	N	150	N
SB0113	N	N	N	N	100	N	70	N	100	N
SB0114	N	N	N	N	100	<100	100	N	150	N
SB0115	N	N	<20	N	150	100	50	N	200	N
SB0116	N	N	30	N	200	100	50	N	200	N
SB0117	N	<10	30	N	200	100	150	N	2,000	N
SB0118	N	N	150	N	150	<100	50	N	150	N
SB0119	N	15	300	N	500	200	200	N	500	N
SB0120	N	20	100	N	500	500	200	N	200	N
SB0121	N	15	30	<200	200	100	150	N	150	N
SB0122	N	10	<20	<200	150	N	100	N	150	N
SB0123	N	10	N	200	100	N	100	N	200	N
SB0124	N	<10	30	N	150	N	200	N	200	N
SB0125	N	10	30	N	100	N	150	N	100	N
SB0126	<200	10	70	N	150	100	300	N	1,000	N
SB0127	N	20	100	N	100	1,000	150	N	200	N
SB0128	<200	<10	700	N	200	300	300	N	1,500	N
SB0129	200	<10	20	N	150	200	150	N	500	N
SB0130	N	10	<20	N	150	N	150	N	70	N
SB0131	N	10	30	N	100	150	300	N	200	N
SB0132	N	<10	150	N	200	150	300	N	1,000	N
SB0133	N	<10	20	200	150	700	150	N	200	N
SB0135	N	20	200	N	500	100	700	N	>2,000	N
SB0136	N	20	300	N	200	150	500	N	1,500	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB0137	65 1 45	163 38 20	.7	.50	5.00	>2.0	500	N	N	N	300	500
SP0138	65 2 45	163 40 20	1.0	.70	5.00	>2.0	500	N	N	N	700	300
SB0139	65 3 55	163 42 20	.7	1.00	5.00	>2.0	500	1.0	N	N	300	300
SB0140	65 3 40	163 42 30	.7	.70	5.00	>2.0	300	1.0	N	N	200	500
SR0141	65 3 25	163 44 25	.7	.20	5.00	>2.0	200	70.0	N	100	300	500
SB0143	65 5 15	163 46 40	.5	.50	10.00	>2.0	300	1.0	N	N	150	500
SB0144	65 5 20	163 46 45	.7	1.50	7.00	>2.0	500	1.0	N	N	1,000	500
SB0145	65 5 30	163 43 55	.7	2.00	7.00	>2.0	700	<1.0	N	N	1,500	500
SB0146	65 15 45	163 19 10	.5	5.00	10.00	>2.0	500	N	N	N	300	500
SB0147	65 17 35	163 18 0	.5	7.00	7.00	>2.0	500	N	N	N	100	700
SB0148	65 17 55	163 16 0	.5	7.00	5.00	>2.0	500	N	N	N	150	700
SR0149	65 17 50	163 15 40	.7	3.00	5.00	>2.0	500	N	N	N	50	300
SR0150	65 18 45	163 18 45	.7	7.00	5.00	2.0	500	N	N	N	200	500
SB0151	65 19 10	163 16 5	.5	5.00	5.00	2.0	300	N	N	N	50	500
SR0152	65 19 16	163 15 50	.2	2.00	5.00	2.0	300	N	N	N	150	700
SB0153	65 18 0	163 14 25	.5	5.00	5.00	>2.0	500	N	N	N	100	500
SB0154	65 19 30	163 10 15	.5	5.00	5.00	>2.0	300	N	N	N	20	500
SR0155	65 18 52	163 15 35	.5	7.00	7.00	>2.0	500	N	N	N	150	300
SB0156	65 15 7	163 22 0	.7	2.00	3.00	>2.0	500	1.0	N	N	1,500	700
SB0157	65 16 5	163 21 55	.7	7.00	7.00	>2.0	500	5.0	N	N	150	300
SB0158	65 16 10	163 24 40	.7	5.00	5.00	>2.0	1,000	1.0	N	N	500	500
SB0159	65 15 10	163 26 50	.7	3.00	5.00	>2.0	700	1.5	N	N	500	500
SB0160	65 4 5	163 41 37	.7	1.50	5.00	>2.0	500	<1.0	N	N	700	700
SB0161	65 5 30	163 42 0	1.0	2.00	7.00	>2.0	500	1.0	N	N	1,000	700
SB0162	65 4 50	163 39 30	1.0	1.00	5.00	>2.0	500	N	N	N	500	500
SB0163	65 6 37	163 44 50	.7	1.50	5.00	>2.0	500	N	N	N	2,000	500
SB0164	65 5 15	163 45 20	.7	2.00	5.00	>2.0	500	1.0	N	N	1,000	500
SB0165	65 5 10	163 45 35	1.0	1.00	5.00	>2.0	200	1.0	N	N	150	300
SB0166	65 6 35	163 48 40	1.5	1.00	2.00	>2.0	500	1.0	N	N	5,000	500
SB0167	65 5 45	163 52 15	1.0	1.50	3.00	>2.0	200	1.0	N	N	1,000	300
SB0168	65 5 37	163 52 0	1.5	.70	3.00	>2.0	150	2.0	N	N	1,000	500
SB0169	65 5 25	163 52 25	1.5	.50	3.00	>2.0	200	<1.0	N	N	200	200
SB0170	65 5 25	163 54 0	1.0	.50	3.00	>2.0	150	N	N	N	100	200
SB0171	65 3 5	163 56 55	.7	.50	7.00	>2.0	100	<1.0	N	N	150	200
SB0172	65 3 0	163 56 40	1.0	.20	10.00	>2.0	100	<1.0	N	N	200	300
SB0173	65 2 35	163 59 5	1.0	.30	10.00	>2.0	100	<1.0	N	N	300	300
SB0174	65 3 0	164 1 10	1.0	.50	7.00	>2.0	200	<1.0	N	N	200	200
SB0175	65 2 20	164 5 0	1.0	.50	5.00	>2.0	150	N	N	N	300	300
SB0176	64 59 50	164 3 22	1.0	.10	3.00	>2.0	300	N	N	N	50	500
SR0177	64 58 52	164 1 10	1.0	.15	5.00	>2.0	300	30.0	N	100	200	200
SB0178	65 14 20	164 47 5	1.0	.70	7.00	>2.0	200	N	N	N	700	300
SB0179	65 14 35	164 44 50	1.0	.50	5.00	>2.0	200	70.0	N	N	700	200
SB0181	64 54 30	163 45 0	1.0	.50	5.00	>2.0	500	1.0	N	N	200	300
SB0182	64 55 10	163 47 5	1.0	.20	5.00	>2.0	150	<1.0	N	N	150	300
SB0183	64 55 37	163 48 40	3.0	.20	3.00	>2.0	500	<1.0	N	N	150	1,000

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0137	10	N	N	10	200	N	150	10	200	N	<20
SB0138	10	N	N	10	200	N	150	<10	200	N	<20
SB0139	10	N	N	<10	300	N	100	N	200	N	20
SB0140	15	N	N	<10	200	N	150	<10	200	N	<20
SB0141	3	N	N	<10	200	N	200	N	200	N	<20
SB0143	<2	N	N	N	100	<10	100	N	100	<10	30
SB0144	<2	N	N	<10	200	<10	100	N	150	<10	20
SB0145	3	N	N	<10	300	<10	100	N	200	N	20
SB0146	N	N	N	N	100	N	200	<10	100	N	20
SB0147	5	N	N	N	100	<10	70	N	100	N	<20
SB0148	N	N	N	<10	50	N	200	N	100	N	20
SB0149	N	N	N	<10	150	N	150	<10	70	N	30
SB0150	<2	N	N	N	30	N	100	N	70	N	20
SB0151	<2	N	N	N	N	N	100	N	70	N	30
SB0152	<2	N	N	N	N	N	200	N	<50	N	20
SB0153	2	N	N	<10	150	N	100	<10	70	N	150
SB0154	N	N	N	N	150	N	200	N	50	N	20
SB0155	N	N	N	N	70	N	100	<10	70	N	<20
SB0156	N	N	N	10	200	10	100	N	300	N	<20
SB0157	2	>2,000	N	10	20	10	50	<10	100	N	100
SB0158	2	50	N	<10	100	<10	100	N	150	N	20
SB0159	N	<20	N	<10	150	N	100	N	200	N	<20
SB0160	20	N	N	10	200	N	150	<10	200	N	<20
SB0161	7	N	N	10	200	<10	150	N	300	N	<20
SB0162	<2	N	N	10	100	N	200	<10	150	N	20
SB0163	N	N	N	10	200	N	150	N	200	N	20
SB0164	200	N	N	<10	150	<10	150	N	200	N	20
SB0165	<2	N	N	N	200	<10	100	N	150	N	50
SB0166	N	N	N	N	300	<10	70	<10	300	N	50
SB0167	50	N	N	N	500	N	70	<10	300	N	<20
SB0168	100	30	N	N	150	<10	50	N	100	N	20
SB0169	2	N	N	N	150	<10	200	N	70	15	30
SB0170	<2	N	N	N	150	<10	100	N	50	N	20
SB0171	70	N	N	N	100	N	150	N	100	N	50
SB0172	2	N	N	N	70	<10	500	N	50	N	70
SB0173	<2	N	N	N	100	N	100	N	70	N	30
SB0174	N	N	N	N	150	N	100	N	100	N	30
SB0175	5	N	N	N	150	N	100	N	100	N	<20
SB0176	N	N	N	<10	50	N	50	N	50	N	30
SB0177	N	N	N	N	70	N	100	N	70	N	20
SB0178	N	N	N	N	100	N	70	N	70	N	20
SB0179	3	N	N	N	100	N	200	N	70	N	20
SB0181	10	N	N	<10	150	N	<50	N	100	N	30
SB0182	<2	N	N	10	100	<10	<50	N	70	N	50
SB0183	N	N	N	30	100	10	150	N	70	50	30

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0137	N	20	70	N	300	150	700	N	>2,000	N
SB0138	N	20	100	N	200	100	500	N	2,000	N
SB0139	N	20	500	N	300	100	500	N	1,000	N
SB0140	N	20	200	N	300	150	500	N	2,000	N
SB0141	N	20	1,000	<200	300	100	500	N	2,000	N
SB0143	N	20	30	300	200	N	500	N	700	N
SB0144	N	15	50	N	200	N	300	N	700	N
SB0145	N	20	100	N	500	150	500	N	200	N
SB0146	N	<10	150	<200	200	200	500	N	>2,000	<200
SB0147	N	N	100	N	150	200	500	N	2,000	N
SB0148	N	N	150	200	150	100	500	N	>2,000	<200
SB0149	N	<10	150	N	200	150	500	N	>2,000	300
SB0150	N	N	1,500	N	150	200	150	N	>2,000	N
SB0151	N	<10	500	<200	100	200	200	N	>2,000	<200
SB0152	N	<10	30	200	70	150	200	N	>2,000	200
SB0153	N	<10	150	<200	200	500	200	N	>2,000	<200
SB0154	N	10	150	<200	200	<100	300	N	>2,000	<200
SB0155	N	<10	100	N	200	500	200	N	>2,000	200
SB0156	N	30	100	N	1,500	200	200	N	700	N
SB0157	N	<10	>2,000	N	150	2,000	100	N	1,000	<200
SB0158	N	10	500	N	200	100	200	N	300	N
SB0159	N	10	150	N	500	100	200	N	500	N
SB0160	N	15	150	N	300	100	500	N	1,000	N
SB0161	N	20	500	N	300	150	300	N	700	N
SB0162	N	15	150	N	200	<100	500	N	>2,000	N
SB0163	N	30	200	N	1,000	100	300	N	1,000	N
SB0164	N	10	200	N	300	300	300	N	200	N
SB0165	N	10	70	<200	200	200	200	N	200	N
SB0166	N	30	70	N	700	200	150	N	200	N
SB0167	N	50	500	N	1,000	100	150	N	500	N
SB0168	N	10	50	<200	200	150	150	N	200	N
SB0169	N	N	20	300	150	N	150	N	500	N
SB0170	N	N	20	200	150	N	100	N	300	N
SB0171	N	N	70	500	200	<100	300	N	300	N
SB0172	N	15	20	700	100	N	700	N	200	N
SB0173	N	N	30	500	150	150	300	N	200	N
SB0174	N	15	70	200	300	200	300	N	1,000	N
SB0175	N	10	200	N	200	100	300	N	1,500	N
SB0176	N	<10	<20	300	100	300	150	N	1,500	N
SB0177	N	N	<20	500	100	<100	200	N	1,000	N
SB0178	N	10	100	N	500	<100	200	N	200	N
SB0179	N	15	500	N	500	<100	200	N	1,500	N
SB0181	N	10	50	N	200	<100	150	N	300	N
SB0182	N	<10	30	500	100	<100	200	N	200	N
SB0183	N	<10	20	<200	150	1,000	150	N	150	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB0184	64 55 25	163 50 5	2.0	.20	3.00	>2.0	300	<1.0	N	N	100	300
SB0185	64 53 55	163 50 55	.7	.15	7.00	>2.0	150	<1.0	N	N	100	2,000
SB0186	64 54 50	163 52 15	1.5	.20	7.00	>2.0	300	1.0	N	N	150	300
SB0187	64 55 5	163 53 30	1.0	.20	7.00	>2.0	200	1.0	N	N	100	200
SB0188	64 55 15	163 56 0	1.0	.15	7.00	>2.0	150	<1.0	1,000	N	100	500
SB0189	64 55 55	163 53 5	1.5	.15	10.00	>2.0	150	100.0	5,000	500	150	300
SB0190	64 57 15	163 54 15	2.0	.30	3.00	>2.0	200	5.0	N	30	100	1,000
SB0191	64 57 52	163 54 0	1.0	.20	7.00	>2.0	200	1.5	N	N	100	200
SB0192	64 57 52	163 53 45	1.5	.20	5.00	>2.0	200	1.0	N	N	100	2,000
SB0194	64 59 15	163 47 5	1.5	.15	5.00	>2.0	150	5.0	N	20	100	5,000
SB0196	65 1 20	163 49 55	5.0	.15	5.00	>2.0	150	<1.0	N	N	100	300
SB0197	65 0 10	163 45 52	1.5	.10	5.00	>2.0	100	<1.0	N	N	70	>10,000
SB0198	65 0 15	163 52 10	2.0	.15	10.00	>2.0	200	1.0	N	N	70	500
SB0200	64 57 7	163 58 35	1.0	.30	5.00	>2.0	200	<1.0	N	N	200	200
SB0201	64 53 7	163 47 20	1.5	.20	5.00	>2.0	300	1.0	N	N	150	500
SB0202	64 42 0	164 0 20	1.0	.20	7.00	>2.0	200	1.0	N	N	70	150
SB0203	64 41 45	164 0 25	1.0	.20	5.00	>2.0	200	<1.0	N	N	70	100
SB0204	64 41 0	163 59 22	1.5	.20	7.00	>2.0	200	<1.0	N	N	70	150
SB0205	64 41 25	163 54 35	1.5	.30	5.00	>2.0	150	1.0	N	N	100	150
SB0206	64 41 45	163 57 10	.7	.15	3.00	>2.0	100	<1.0	N	N	100	150
SB0207	64 41 50	163 56 55	1.0	.30	7.00	>2.0	200	N	N	N	100	300
SB0208	64 41 25	163 50 55	1.0	.20	5.00	>2.0	200	N	N	N	100	700
SB0209	64 41 30	163 51 15	1.0	.50	5.00	>2.0	150	<1.0	N	N	100	100
SB0210	64 40 30	163 50 52	1.0	.15	5.00	>2.0	150	<1.0	N	N	100	300
SB0211	64 39 30	163 47 20	1.0	.10	5.00	>2.0	150	N	N	N	70	200
SB0212	64 38 7	163 44 55	1.0	.10	5.00	>2.0	500	N	N	N	70	100
SB0213	64 38 40	163 47 35	1.0	.15	5.00	>2.0	150	N	N	N	70	200
SB0214	64 38 40	163 50 30	1.5	.10	3.00	>2.0	200	3.0	N	20	100	150
SB0215	64 44 45	163 55 10	1.5	.50	5.00	>2.0	150	<1.0	N	N	150	700
SB0216	64 44 5	163 57 25	1.0	.20	5.00	>2.0	150	<1.0	N	N	100	1,000
SB0217	64 44 30	163 53 40	2.0	.30	7.00	>2.0	150	<1.0	N	N	150	700
SB0218	64 44 40	163 53 35	.7	.20	5.00	>2.0	150	N	N	N	100	500
SB0219	64 45 45	163 44 45	.5	.15	5.00	>2.0	100	N	N	N	50	500
SB0220	64 46 0	163 48 20	1.5	.30	5.00	>2.0	150	<1.0	N	N	150	5,000
SB0222	64 39 20	164 16 0	.5	.20	5.00	>2.0	150	N	N	N	100	3,000
SB0223	64 39 0	164 14 15	.7	.10	5.00	>2.0	100	50.0	N	150	100	>10,000
SB0224	64 39 10	164 13 10	1.0	.10	5.00	>2.0	150	1.0	N	N	150	2,000
SB0225	64 39 20	164 14 45	1.0	.10	3.00	>2.0	150	1.0	N	N	100	5,000
SB0226	64 39 15	164 11 30	1.0	.20	7.00	>2.0	150	1.0	N	N	150	5,000
SB0227	64 39 7	164 11 25	.7	.20	5.00	>2.0	150	<1.0	N	N	100	1,000
SB0228	64 38 22	164 11 55	.1	.20	7.00	>2.0	200	500.0	N	>1,000	200	5,000
SB0229	64 38 25	164 11 25	3.0	.15	5.00	>2.0	200	2.0	1,000	N	100	5,000
SB0230	64 41 7	164 13 5	1.0	.15	5.00	>2.0	200	<1.0	N	N	100	700
SB0231	64 41 7	164 14 22	.7	.15	7.00	>2.0	150	<1.0	2,000	N	150	1,000
SB0232	64 41 15	164 12 35	1.0	.20	7.00	>2.0	150	<1.0	N	N	200	700

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0184	5	N	N	20	70	10	N	N	70	30	50
SB0185	<2	N	N	<10	70	<10	50	N	50	N	50
SB0186	N	N	N	10	100	<10	N	N	100	N	50
SB0187	N	N	N	<10	100	N	N	N	100	N	50
SB0188	<2	N	N	10	50	15	150	N	<50	20	50
SB0189	<2	N	N	20	100	100	150	N	50	30	70
SB0190	N	N	N	30	100	50	50	N	100	20	50
SB0191	N	N	N	<10	70	<10	<50	N	100	N	30
SB0192	N	N	N	20	70	10	100	N	50	15	50
SB0194	N	N	N	30	70	<10	70	N	70	<10	150
SB0196	<2	N	N	50	30	70	70	N	50	70	70
SB0197	N	N	N	20	30	20	100	N	100	10	20
SB0198	N	N	N	20	50	10	50	N	70	N	50
SB0200	5	N	N	10	100	N	70	N	100	N	30
SB0201	<2	N	N	10	70	<10	50	N	100	N	50
SB0202	N	N	N	<10	50	<10	100	N	70	N	20
SB0203	N	N	N	<10	50	N	N	N	70	N	20
SB0204	N	N	N	<10	50	N	N	N	70	N	20
SB0205	N	N	N	<10	50	N	N	N	100	N	50
SB0206	N	N	N	<10	30	N	N	N	70	N	<20
SB0207	N	N	N	<10	100	<10	100	N	70	N	50
SB0208	N	N	N	<10	100	<10	100	N	50	20	70
SB0209	N	N	N	<10	100	N	70	N	70	N	30
SB0210	N	N	N	<10	100	<10	100	N	70	15	100
SB0211	N	N	N	<10	70	<10	100	N	70	N	100
SB0212	N	N	N	<10	100	<10	100	N	70	N	70
SB0213	N	N	N	<10	100	N	50	N	100	N	50
SB0214	N	N	N	10	100	N	150	N	70	N	100
SB0215	N	N	N	10	70	<10	100	N	70	10	50
SB0216	N	N	N	<10	70	N	<50	N	70	N	50
SB0217	N	N	N	20	100	<10	100	N	70	15	70
SB0218	N	N	N	<10	100	<10	70	N	50	15	50
SB0219	N	N	N	N	50	N	100	N	<50	N	20
SB0220	N	N	N	15	100	20	70	N	70	50	70
SB0222	N	N	N	N	70	<10	70	N	50	N	50
SB0223	N	N	N	<10	70	10	70	N	50	<10	50
SB0224	N	N	N	10	70	10	50	N	50	10	70
SB0225	N	N	N	10	150	20	70	N	70	30	50
SB0226	N	N	N	<10	100	<10	70	N	50	20	70
SB0227	N	N	N	<10	70	10	50	N	50	N	30
SB0228	N	N	N	10	200	30	50	N	50	20	50
SB0229	N	N	N	20	150	50	<50	N	70	50	50
SB0230	<2	N	N	<10	150	<10	50	N	50	15	30
SB0231	<2	N	N	15	100	<10	200	N	50	15	50
SB0232	<2	N	N	10	100	<10	50	N	70	15	50

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0184	N	<10	<20	N	100	N	100	N	200	N
SB0185	N	N	20	500	100	100	300	N	150	N
SB0186	N	10	20	300	100	N	150	N	150	N
SB0187	500	N	20	300	100	150	150	N	150	N
SB0188	N	N	N	500	70	N	300	N	100	N
SB0189	200	<10	20	700	100	1,000	500	N	300	N
SB0190	N	10	20	200	100	200	200	N	150	N
SB0191	N	10	20	200	100	N	200	N	150	N
SB0192	N	10	100	300	100	300	200	N	150	N
SB0194	N	10	20	<200	100	700	150	N	200	N
SB0196	N	<10	200	300	100	150	150	N	200	N
SB0197	N	<10	30	300	150	200	150	N	150	N
SB0198	N	10	<20	200	200	N	100	N	200	N
SB0200	N	10	20	<200	150	<100	150	N	200	N
SB0201	N	10	20	200	150	N	150	N	200	N
SB0202	N	N	20	200	100	N	150	N	150	N
SB0203	N	N	20	200	70	N	100	N	700	N
SB0204	N	N	20	200	100	N	100	N	500	N
SB0205	N	10	30	300	100	N	150	N	100	N
SB0206	N	N	20	200	100	N	100	N	150	N
SB0207	N	<10	20	700	100	N	150	N	200	N
SB0208	N	10	20	700	100	150	150	N	100	N
SB0209	N	10	30	500	100	N	150	N	100	N
SB0210	N	<10	20	700	100	100	100	N	100	N
SB0211	N	10	20	500	100	200	150	N	150	N
SB0212	300	<10	20	300	150	300	100	N	150	N
SB0213	N	N	20	500	100	N	100	N	200	N
SB0214	<200	<10	20	500	100	500	100	N	200	N
SB0215	N	10	30	500	100	N	150	N	200	N
SB0216	N	<10	20	500	100	N	100	N	100	N
SB0217	N	<10	20	500	100	150	150	N	300	N
SB0218	N	10	20	500	100	150	150	N	150	N
SB0219	N	<10	N	500	70	<100	150	N	100	N
SB0220	N	10	30	500	100	N	200	N	150	N
SB0222	N	<10	N	500	150	500	150	N	200	N
SB0223	N	<10	N	500	150	2,000	200	N	1,000	N
SB0224	N	10	20	500	100	500	200	N	500	N
SB0225	N	10	20	300	150	300	200	N	100	N
SB0226	N	10	20	500	100	<100	200	N	200	N
SB0227	N	<10	<20	200	100	<100	150	N	200	N
SB0228	N	10	20	300	100	100	200	N	200	N
SB0229	N	<10	20	200	100	100	200	<500	150	N
SB0230	N	10	20	300	100	500	200	N	100	N
SB0231	N	10	20	500	100	700	200	N	150	N
SB0232	N	10	30	500	100	100	200	N	200	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB0233	64 41 52	164 11 7	1.0	.15	7.00	>2.0	150	<1.0	N	N	100	700
SB0234	64 41 45	164 10 35	1.0	.15	5.00	>2.0	150	<1.0	N	N	100	3,000
SB0235	65 7 55	163 40 50	1.0	2.00	5.00	>2.0	200	N	N	N	500	200
SB0236	65 8 22	163 42 0	1.0	2.00	5.00	>2.0	200	N	N	N	100	200
SB0237	65 10 5	163 43 25	1.0	1.50	5.00	>2.0	200	N	N	N	30	200
SB0238	65 9 40	163 40 45	1.0	2.00	5.00	>2.0	200	<1.0	N	N	30	200
SB0239	65 7 45	163 30 55	1.0	3.00	5.00	>2.0	300	<1.0	N	N	1,000	200
SB0240	65 9 35	163 32 0	1.0	3.00	5.00	>2.0	300	<1.0	N	N	1,000	300
SB0241	65 8 25	163 29 25	1.0	2.00	2.00	>2.0	300	1.0	N	N	3,000	200
SB0242	65 8 45	163 28 25	1.0	1.50	2.00	>2.0	300	1.0	N	N	2,000	500
SB0243	65 9 35	163 24 50	1.0	1.50	2.00	>2.0	300	N	N	N	2,000	500
SB0244	65 10 35	163 26 30	1.0	3.00	3.00	>2.0	500	1.0	N	N	1,000	300
SB0245	65 12 30	163 28 45	1.5	1.50	3.00	>2.0	500	N	N	N	3,000	500
SB0246	65 12 30	163 29 15	1.0	1.50	2.00	>2.0	500	<1.0	N	N	3,000	500
SB0247	65 12 25	163 30 10	1.0	1.50	5.00	>2.0	500	N	N	N	700	200
SB0248	65 13 45	163 31 30	1.0	2.00	2.00	>2.0	500	<1.0	N	N	3,000	500
SB0249	65 17 45	163 28 5	1.0	2.00	3.00	>2.0	500	1.0	N	N	1,000	700
SB0250	65 17 55	163 27 20	1.0	5.00	5.00	2.0	300	N	N	N	700	500
SB0251	65 19 30	163 25 15	1.0	5.00	7.00	2.0	300	N	N	N	200	300
SB0252	65 19 15	163 30 10	1.5	5.00	7.00	2.0	500	N	N	N	700	<50
SB0253	65 19 10	163 34 10	1.5	2.00	3.00	>2.0	500	1.0	N	N	1,000	200
SB0254	65 19 20	163 34 0	1.5	5.00	7.00	2.0	300	<1.0	N	N	700	200
SB0255	65 15 0	163 35 35	2.0	2.00	2.00	>2.0	500	1.5	N	N	5,000	500
SB0256	65 15 0	163 35 55	2.0	2.00	3.00	>2.0	500	1.5	N	N	5,000	500
SB0257	65 15 55	163 36 40	2.0	2.00	3.00	>2.0	500	1.0	N	N	5,000	500
SB0258	65 16 25	163 36 50	2.0	3.00	5.00	>2.0	500	1.0	N	N	5,000	700
SB0259	65 16 50	163 37 0	2.0	2.00	2.00	>2.0	500	1.5	N	N	2,000	500
SB0260	65 16 30	163 39 40	2.0	2.00	2.00	>2.0	500	1.5	N	N	3,000	500
SB0261	65 18 20	163 31 0	2.0	3.00	5.00	>2.0	500	<1.0	N	N	500	50
SB0262	65 16 40	163 30 15	1.5	2.00	5.00	>2.0	500	1.5	N	N	700	500
SB0263	65 17 10	163 25 45	3.0	5.00	7.00	>2.0	700	N	N	N	1,500	100
SB0264	65 17 0	163 23 40	2.0	7.00	7.00	>2.0	500	N	N	N	2,000	<50
SB0265	65 9 30	163 11 0	2.0	3.00	5.00	>2.0	700	N	N	N	3,000	500
SB0266	65 9 40	163 15 0	3.0	2.00	5.00	>2.0	500	<1.0	N	N	5,000	300
SB0267	65 10 5	163 16 25	2.0	2.00	5.00	>2.0	500	<1.0	N	N	5,000	200
SB0268	65 10 15	163 18 15	1.0	1.00	2.00	>2.0	500	1.5	N	N	2,000	500
SB0269	65 10 10	163 20 55	1.0	2.00	3.00	>2.0	700	1.5	N	N	2,000	500
SB0270	65 12 40	163 20 50	1.5	1.50	3.00	>2.0	1,500	1.0	N	N	2,000	500
SB0271	65 12 35	163 19 5	.5	.50	2.00	>2.0	500	N	N	N	500	300
SB0272	65 14 5	163 21 0	1.0	3.00	3.00	>2.0	2,000	1.0	N	N	1,000	500
SB0273	65 14 5	163 19 10	1.5	5.00	3.00	>2.0	2,000	<1.0	N	N	2,000	500
SB0274	65 14 50	163 15 55	.7	10.00	3.00	>2.0	1,000	<1.0	N	N	150	500
SB0277	65 16 55	163 9 15	1.0	.20	5.00	>2.0	700	<1.0	N	N	50	300
SB0278	65 17 20	163 9 25	1.0	5.00	7.00	>2.0	1,500	N	N	N	200	300
SB0279	65 15 45	163 9 15	1.0	.15	5.00	>2.0	700	N	N	N	50	500

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0233	N	N	N	10	100	10	100	N	70	15	100
SB0234	N	N	N	10	50	<10	50	N	70	10	30
SB0235	N	N	N	N	100	N	150	10	150	N	<20
SB0236	N	<20	N	N	70	N	200	<10	150	N	<20
SB0237	N	N	N	N	100	N	300	10	150	N	20
SB0238	N	N	N	N	100	N	200	10	100	N	<20
SB0239	N	N	N	N	150	N	150	<10	200	N	<20
SB0240	15	N	N	N	100	N	200	<10	150	N	<20
SB0241	5	N	N	N	150	N	200	<10	300	N	N
SB0242	N	N	N	N	150	N	150	<10	500	N	N
SB0243	<2	N	N	N	100	N	200	<10	200	N	<20
SB0244	N	N	N	20	150	<10	70	<10	200	10	<20
SB0245	N	N	N	<10	150	N	300	<10	200	N	<20
SB0246	3	N	N	N	150	N	150	<10	300	N	N
SB0247	N	N	N	N	70	N	300	10	200	N	N
SB0248	N	N	N	N	150	<10	150	<10	200	N	N
SB0249	<2	N	N	20	100	<10	100	N	300	20	N
SB0250	3	50	N	N	50	N	100	N	100	N	<20
SB0251	<2	N	N	N	30	N	200	N	100	N	N
SB0252	5	200	N	N	100	<10	150	<10	150	N	30
SB0253	15	<20	N	N	200	N	150	N	1,000	N	20
SB0254	20	70	N	N	100	N	50	N	200	N	<20
SB0255	N	N	N	<10	200	N	200	<10	1,000	N	20
SB0256	2	N	N	<10	200	10	200	<10	500	N	20
SB0257	3	N	N	<10	200	<10	300	10	500	<10	<20
SB0258	<2	N	N	10	150	10	200	<10	200	30	<20
SB0259	<2	N	N	<10	200	10	50	N	700	N	20
SB0260	N	N	N	20	200	10	150	<10	500	15	<20
SB0261	10	50	N	<10	100	15	70	N	500	N	<20
SB0262	N	N	N	30	150	10	100	N	700	20	<20
SB0263	5	N	N	15	100	<10	200	N	100	20	20
SB0264	5	N	N	10	70	N	200	<10	100	<10	<20
SB0265	2	N	N	N	100	N	100	N	150	N	20
SB0266	<2	N	N	<10	150	20	300	<10	300	15	20
SB0267	10	N	N	<10	150	10	500	N	300	10	20
SB0268	7	200	N	<10	300	<10	150	N	300	N	20
SB0269	7	N	N	10	200	<10	100	N	300	N	N
SB0270	5	20	N	<10	300	10	200	<10	200	10	<20
SB0271	N	N	N	10	700	N	150	N	100	N	<20
SB0272	N	N	N	10	200	10	200	N	200	15	70
SB0273	<2	<20	N	10	150	10	200	<10	150	20	20
SB0274	2	150	N	<10	150	N	100	N	100	N	<20
SB0277	N	N	N	10	70	<10	500	20	150	N	20
SB0278	70	<20	N	10	150	N	500	<10	100	N	<20
SB0279	N	50	N	10	70	N	700	20	100	N	30

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0233	N	15	20	500	100	200	200	N	150	N
SB0234	N	<10	<20	200	70	<100	100	N	100	N
SB0235	N	10	100	N	150	100	500	N	2,000	N
SB0236	N	10	100	N	150	N	500	N	2,000	N
SB0237	N	<10	200	N	100	<100	500	N	2,000	N
SB0238	N	<10	150	N	100	100	500	N	500	N
SB0239	N	30	100	N	700	100	200	N	500	N
SB0240	N	20	70	N	700	<100	200	N	500	N
SB0241	N	30	150	N	500	100	300	N	700	N
SB0242	N	50	300	N	1,000	<100	300	N	500	N
SB0243	N	20	70	N	700	<100	700	N	1,500	N
SB0244	N	30	50	N	1,000	<100	200	N	500	N
SB0245	N	20	500	N	700	100	500	N	1,500	N
SB0246	N	30	100	N	700	100	200	N	1,000	N
SB0247	N	10	100	N	100	100	700	N	2,000	N
SB0248	N	30	50	N	1,000	<100	200	N	200	N
SB0249	N	15	70	N	300	<100	200	N	150	N
SB0250	N	N	>2,000	N	150	200	200	N	2,000	N
SB0251	N	N	>2,000	N	100	200	200	N	>2,000	N
SB0252	N	<10	>2,000	N	150	1,500	200	N	1,000	N
SB0253	N	50	1,500	N	1,500	100	200	N	500	N
SB0254	N	10	150	N	200	300	200	N	500	N
SB0255	N	70	100	N	1,000	300	200	N	500	N
SB0256	N	50	300	N	1,000	100	200	N	700	N
SB0257	N	50	500	N	1,500	200	300	N	700	N
SB0258	N	30	100	N	1,000	100	200	N	500	N
SB0259	N	30	150	N	1,000	100	150	N	500	N
SB0260	N	50	100	N	1,000	100	150	N	200	N
SB0261	N	20	2,000	N	700	1,000	200	N	300	N
SB0262	N	50	100	N	1,000	100	200	N	300	N
SB0263	N	20	150	N	300	N	200	N	300	N
SB0264	N	10	>2,000	N	150	1,000	200	N	1,000	N
SB0265	N	20	100	N	500	100	300	N	2,000	N
SB0266	N	30	100	N	500	150	200	N	700	N
SB0267	N	50	1,000	N	700	200	300	N	700	N
SB0268	N	30	300	N	1,000	500	200	N	1,000	N
SB0269	N	30	200	N	700	150	200	N	1,000	N
SB0270	N	30	70	N	1,000	100	500	N	700	N
SB0271	N	70	100	<200	2,000	100	500	N	>2,000	N
SB0272	N	30	100	N	1,000	100	200	N	200	N
SB0273	N	20	200	N	200	N	200	N	700	N
SB0274	N	N	500	N	200	150	200	N	500	N
SB0277	N	10	2,000	N	100	<100	500	N	1,000	500
SB0278	N	10	150	N	150	N	300	N	>2,000	<200
SB0279	N	10	1,500	N	100	N	500	N	2,000	<200

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB0280	65 15 50	163 12 10	1.5	7.00	5.00	>2.0	700	N	N	N	1,000	500
SB0281	65 13 25	163 10 45	1.0	5.00	7.00	>2.0	1,000	<1.0	N	N	150	300
SB0282	65 13 50	163 8 0	2.0	3.00	7.00	>2.0	2,000	<1.0	N	N	1,500	500
SB0285	65 10 40	163 7 0	1.0	2.00	5.00	>2.0	1,000	N	N	N	500	300
SB0286	65 12 40	163 5 5	1.0	1.00	5.00	>2.0	1,000	N	N	N	70	500
SB0287	65 15 45	163 2 55	.7	.10	5.00	>2.0	500	N	N	N	20	500
SB0289	65 11 55	162 2 0	.5	.50	5.00	>2.0	500	N	N	N	100	300
SB0290	65 9 45	163 5 25	.7	.50	5.00	>2.0	1,500	N	N	N	200	300
SB0291	65 9 40	163 59 30	.5	3.00	5.00	>2.0	1,000	N	N	N	150	200
SB0292	65 12 0	163 59 15	.5	.50	5.00	>2.0	700	N	N	N	100	200
SB0293	65 13 50	163 53 5	.5	.10	5.00	>2.0	500	N	N	N	<20	200
SB0294	65 14 20	163 53 10	.5	.20	5.00	>2.0	500	N	N	N	<20	200
SB0297	65 12 20	163 54 20	.5	.30	5.00	>2.0	500	N	N	N	30	200
SB0298	65 10 40	162 56 5	.7	.50	5.00	>2.0	500	N	N	N	30	500
SB0299	65 9 55	162 53 50	.5	1.00	7.00	>2.0	500	N	N	N	50	300
SB0300	65 9 45	162 50 40	.5	3.00	5.00	>2.0	500	N	N	N	70	300
SB0301	65 10 10	162 48 25	.7	.30	5.00	>2.0	700	N	N	N	150	300
SB0302	65 12 5	162 42 55	.5	.10	1.50	>2.0	500	N	N	N	20	700
SB0303	65 12 55	162 44 25	.7	.20	3.00	>2.0	500	N	N	N	200	500
SB0304	65 13 40	162 45 20	.5	.10	2.00	>2.0	300	N	N	N	20	300
SB0305	65 13 45	162 45 0	.5	.10	1.50	>2.0	300	N	N	N	30	700
SB0306	65 13 20	162 41 20	.7	.15	3.00	>2.0	500	N	N	N	30	300
SB0307	65 13 25	162 41 35	.5	.15	2.00	>2.0	300	N	N	N	20	700
SB0308	65 8 5	162 46 5	.7	.10	5.00	>2.0	300	N	N	N	50	1,000
SB0311	65 6 0	162 45 55	.5	.10	7.00	2.0	500	N	N	N	100	200
SB0312	65 7 5	162 41 15	.5	.15	5.00	1.5	500	N	N	N	100	200
SB0313	65 9 0	162 39 20	.7	.20	5.00	1.5	700	N	N	N	50	700
SB0314	65 9 45	162 40 20	.5	.07	5.00	2.0	300	N	N	N	20	500
SB0315	65 10 30	162 40 20	.7	.15	5.00	>2.0	500	N	N	N	50	500
SB0316	65 12 15	162 37 30	.5	.05	5.00	>2.0	500	N	N	N	20	300
SB0317	65 8 0	162 37 5	.5	.07	5.00	>2.0	300	N	N	N	30	500
SB0318	65 6 25	162 37 10	.2	.70	5.00	1.0	200	N	N	N	50	1,500
SB0319	65 6 25	162 37 10	.5	1.00	10.00	1.5	500	N	N	N	200	2,000
SB0320	65 7 25	162 34 50	.2	2.00	5.00	1.0	200	N	N	N	200	2,000
SB0321	65 6 30	162 38 45	.2	.50	10.00	2.0	700	N	N	N	70	300
SB0322	65 6 15	162 38 40	.7	3.00	7.00	2.0	500	<1.0	N	N	150	2,000
SB0323	65 5 50	162 40 35	.5	1.00	10.00	>2.0	500	N	N	N	50	500
SB0324	64 54 22	163 37 55	1.0	.20	5.00	>2.0	200	1.5	N	N	100	1,500
SB0325	64 55 35	163 37 55	1.0	.20	5.00	>2.0	200	2.0	N	N	100	500
SB0326	64 55 40	163 37 52	1.5	.20	5.00	>2.0	200	20.0	N	100	70	700
SB0327	64 56 22	163 37 35	2.0	.50	2.00	>2.0	150	1.5	N	N	100	300
SB0328	64 57 0	163 34 52	3.0	.70	2.00	>2.0	200	1.5	N	N	100	1,000
SB0329	64 56 40	163 32 50	1.5	.20	3.00	>2.0	100	30.0	N	700	150	500
SB0330	64 56 30	163 32 40	1.0	.30	5.00	>2.0	200	2.0	N	20	100	500
SB0331	64 58 0	163 32 30	1.0	.30	3.00	>2.0	100	1.5	N	N	150	300

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0280	2	N	N	10	100	N	100	<10	100	N	N
SB0281	10	20	N	<10	100	N	200	10	100	N	<20
SB0282	<2	<20	N	10	200	20	300	<10	100	<10	70
SB0285	70	N	N	10	100	<10	500	10	100	N	20
SB0286	N	N	N	10	50	N	500	10	100	N	20
SB0287	N	N	N	10	20	N	700	15	100	N	20
SB0289	N	N	N	10	100	N	300	<10	70	N	<20
SB0290	N	N	N	10	100	N	500	<10	70	N	<20
SB0291	N	300	N	<10	100	<10	300	15	100	N	50
SB0292	N	<20	N	10	200	N	300	<10	70	N	<20
SB0293	N	N	N	10	30	N	200	15	100	N	<20
SB0294	N	N	N	10	50	N	2,000	10	50	10	100
SB0297	N	N	N	10	70	N	300	15	100	N	<20
SB0298	N	N	N	10	70	N	300	15	100	N	100
SB0299	N	N	N	10	100	N	300	15	70	N	<20
SB0300	N	N	N	10	150	N	200	10	100	N	20
SB0301	N	N	N	10	70	N	500	20	100	N	20
SB0302	N	<20	N	N	N	N	500	<10	70	N	50
SB0303	N	N	N	<10	50	N	500	20	100	N	50
SB0304	N	N	N	N	50	N	1,500	<10	<50	N	20
SB0305	<2	N	N	N	20	N	200	N	70	N	100
SB0306	N	N	N	10	50	<10	>2,000	15	70	N	70
SB0307	N	<20	N	N	<20	N	500	<10	70	N	50
SB0308	N	N	N	<10	50	N	700	15	70	N	20
SB0311	N	100	N	<10	100	N	300	20	50	N	30
SB0312	N	N	N	<10	70	<10	300	70	<50	N	70
SB0313	N	N	N	10	30	10	500	50	<50	N	150
SB0314	<2	100	N	<10	<20	<10	1,000	100	<50	N	150
SB0315	N	<20	N	<10	20	<10	1,000	15	70	N	100
SB0316	N	30	N	<10	<20	N	2,000	15	70	N	50
SB0317	N	100	N	<10	<20	<10	700	50	<50	N	50
SB0318	<2	N	N	N	70	<10	200	N	<50	N	70
SB0319	N	N	N	N	100	<10	70	N	<50	N	50
SB0320	<2	N	N	N	50	<10	300	N	N	N	70
SB0321	N	100	N	N	70	<10	500	N	<50	N	70
SB0322	N	<20	N	N	100	10	100	N	50	N	50
SB0323	N	N	N	<10	100	<10	100	N	50	N	20
SB0324	N	N	N	10	100	<10	<50	N	100	10	50
SB0325	N	N	N	10	100	<10	50	N	70	<10	20
SB0326	N	N	N	10	70	10	<50	N	70	10	20
SB0327	N	N	N	15	70	<10	50	N	100	30	<20
SB0328	N	N	N	30	100	30	50	<10	70	70	100
SB0329	N	N	N	10	70	<10	N	N	100	10	<20
SB0330	N	N	N	10	70	10	50	N	70	20	20
SB0331	N	N	N	10	100	10	<50	N	70	20	<20

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0280	N	<10	50	N	200	100	200	N	500	N
SB0281	N	<10	1,000	<200	150	100	300	<500	1,000	N
SB0282	N	15	150	<200	150	<100	300	N	700	<200
SB0285	N	10	1,500	N	100	300	500	N	>2,000	200
SB0286	N	10	100	N	100	<100	500	N	>2,000	<200
SB0287	N	<10	1,500	N	100	<100	500	N	>2,000	<200
SB0289	N	20	>2,000	N	150	200	500	N	>2,000	N
SB0290	N	20	1,000	N	150	150	700	N	>2,000	N
SB0291	N	10	>2,000	N	150	500	500	N	>2,000	N
SB0292	N	<10	700	N	150	100	500	N	>2,000	<200
SB0293	N	10	100	N	100	N	700	N	>2,000	500
SB0294	N	10	1,000	N	100	N	500	N	>2,000	300
SB0297	N	15	2,000	N	100	N	1,000	N	>2,000	200
SB0298	N	10	300	<200	150	N	500	N	>2,000	<200
SB0299	N	10	1,500	<200	100	N	500	N	>2,000	<200
SB0300	N	<10	300	N	150	100	500	N	>2,000	N
SB0301	N	<10	50	N	100	N	500	N	>2,000	<200
SB0302	N	<10	50	200	100	N	150	N	1,500	<200
SB0303	N	15	50	200	150	N	500	N	>2,000	<200
SB0304	N	20	1,000	N	150	N	700	N	>2,000	300
SB0305	N	N	150	500	100	N	200	N	2,000	<200
SB0306	N	<10	70	N	100	100	500	N	>2,000	700
SB0307	N	<10	50	200	100	N	200	N	>2,000	<200
SB0308	N	15	50	<200	100	100	500	N	>2,000	<200
SB0311	N	<10	30	300	100	200	200	N	>2,000	200
SB0312	N	10	20	500	100	300	200	N	>2,000	500
SB0313	N	<10	20	500	100	200	200	N	>2,000	1,000
SB0314	N	<10	30	500	70	500	300	N	>2,000	300
SB0315	N	<10	70	200	100	100	200	N	>2,000	<200
SB0316	N	20	70	<200	100	150	300	N	>2,000	500
SB0317	N	<10	20	300	100	500	200	N	>2,000	700
SB0318	N	<10	200	300	100	100	200	N	>2,000	500
SB0319	N	<10	700	500	100	100	200	N	>2,000	N
SB0320	N	<10	300	500	100	<100	200	N	>2,000	200
SB0321	N	N	20	500	100	500	200	N	>2,000	300
SB0322	N	10	>2,000	300	150	<100	150	N	1,000	N
SB0323	N	<10	50	500	100	<100	300	N	1,000	N
SB0324	N	<10	20	N	70	N	150	N	100	N
SB0325	N	<10	20	N	100	N	200	N	100	N
SB0326	N	<10	<20	N	100	500	150	N	100	N
SB0327	N	10	30	N	100	150	200	N	100	N
SB0328	N	10	30	N	100	N	300	N	100	N
SB0329	N	<10	20	N	100	N	200	N	70	N
SB0330	N	<10	20	N	100	N	200	N	100	N
SB0331	N	<10	20	N	100	N	200	N	100	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
			s	s	s	s	s	s	s	s	s	s
SB0332	64 58 55	163 36 30	1.0	.20	2.00	>2.0	150	<1.0	N	N	100	500
SB0333	64 59 37	163 35 45	2.0	.70	3.00	>2.0	200	1.5	N	N	100	300
SB0334	64 59 45	163 36 0	2.0	.50	3.00	>2.0	1,000	5.0	N	<20	200	500
SB0335	65 0 30	163 35 45	.7	.50	7.00	>2.0	500	N	N	N	50	300
SB0336	65 1 0	163 29 15	.5	.50	7.00	>2.0	300	N	N	N	200	300
SB0337	64 59 7	163 28 0	1.0	.20	3.00	>2.0	200	1.0	N	N	200	500
SB0338	64 47 45	163 55 50	1.0	.20	5.00	>2.0	150	<1.0	<500	N	200	2,000
SB0339	65 1 25	163 34 45	.5	.50	5.00	>2.0	300	N	N	N	150	500
SB0340	64 59 55	163 25 45	1.0	.20	5.00	>2.0	150	5.0	N	50	150	500
SB0341	64 59 20	163 20 30	.7	.20	2.00	2.0	150	<1.0	N	N	100	500
SB0342	64 59 15	163 20 5	1.0	.30	5.00	>2.0	200	1.0	N	N	200	500
SB0343	64 57 45	163 21 35	1.5	.20	5.00	>2.0	200	1.5	N	N	200	500
SB0344	64 57 45	163 21 55	1.0	.20	5.00	>2.0	150	1.5	N	N	150	300
SB0345	64 59 55	163 17 20	1.5	1.00	5.00	>2.0	2,000	N	N	N	1,000	500
SB0346	65 0 25	163 18 25	.7	.70	5.00	>2.0	300	N	N	N	300	500
SB0347	64 59 25	163 11 45	1.0	2.00	3.00	>2.0	500	<1.0	N	N	1,000	500
SB0348	64 59 0	163 11 0	1.0	1.00	3.00	>2.0	500	1.5	N	<20	1,000	300
SB0349	64 55 40	163 10 7	1.0	1.00	3.00	>2.0	500	N	N	N	500	500
SB0350	64 55 40	163 11 0	1.0	.50	3.00	>2.0	200	<1.0	N	N	200	500
SB0351	64 54 45	163 13 0	.7	.30	2.00	>2.0	200	1.0	N	N	150	500
SB0352	64 53 40	163 13 25	.7	.70	5.00	>2.0	200	N	N	N	150	500
SB0353	64 52 40	163 11 37	.7	.20	5.00	>2.0	150	5.0	N	50	150	300
SB0354	64 52 35	163 11 50	.7	.20	5.00	>2.0	200	1.0	N	N	200	300
SB0355	64 52 25	163 8 40	.7	.20	5.00	>2.0	200	1.0	N	N	200	500
SB0356	64 50 20	163 9 5	.7	.20	5.00	>2.0	150	1.0	N	N	200	300
SB0357	64 50 20	163 8 45	2.0	.20	5.00	>2.0	200	1.0	N	N	150	500
SB0358	64 51 0	163 10 40	1.0	.20	5.00	>2.0	200	20.0	N	1,000	150	300
SB0359	64 54 10	163 15 5	1.0	.20	5.00	>2.0	150	2.0	N	30	150	300
SB0360	64 55 0	163 16 45	.7	.30	5.00	>2.0	150	1.0	N	N	200	500
SB0361	64 54 15	163 34 52	1.5	.70	5.00	>2.0	300	1.0	N	N	150	2,000
SB0362	64 55 15	163 30 55	.7	.20	3.00	>2.0	200	<1.0	N	N	150	3,000
SB0363	64 55 20	163 24 45	1.0	.20	5.00	>2.0	150	1.5	N	N	150	700
SB0364	64 55 15	163 24 30	1.0	.20	5.00	>2.0	200	1.5	N	N	200	300
SB0365	64 54 55	163 23 50	1.0	.20	5.00	>2.0	200	1.5	N	N	150	300
SB0366	64 54 0	163 21 45	1.0	.20	3.00	>2.0	200	1.0	N	N	150	300
SB0367	64 53 35	163 21 30	1.0	.30	5.00	>2.0	200	1.0	N	N	200	500
SB0368	64 52 45	163 18 50	.7	.20	5.00	>2.0	200	1.0	N	N	200	300
SB0369	64 52 15	163 18 35	.5	.10	5.00	>2.0	150	N	N	N	200	300
SB0370	64 51 15	163 16 20	.7	.20	5.00	>2.0	150	<1.0	N	N	150	200
SB0371	64 51 15	163 21 55	1.0	.20	5.00	>2.0	200	N	N	N	100	300
SB0372	64 50 50	163 24 50	1.0	.20	5.00	>2.0	150	1.5	N	N	150	200
SB0373	64 53 15	163 26 45	.7	.20	5.00	>2.0	200	1.0	N	N	150	200
SB0374	64 48 45	163 16 37	1.0	.10	5.00	>2.0	150	1.0	N	N	150	200
SB0375	64 48 22	163 14 0	.7	.10	3.00	>2.0	150	1.0	N	N	100	200
SB0376	64 50 52	163 43 0	1.0	.10	5.00	>2.0	150	1.0	N	N	100	300

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0332	N	N	N	<10	50	<10	<50	N	70	15	20
SB0333	N	N	N	30	70	10	150	N	70	50	200
SB0334	N	N	N	15	70	10	100	N	100	20	20
SB0335	N	N	N	<10	150	<10	150	N	100	N	30
SB0336	100	N	N	<10	100	<10	100	N	100	N	<20
SB0337	N	N	N	10	50	<10	50	N	70	15	20
SB0338	N	N	N	<10	150	<10	70	N	70	20	70
SB0339	N	N	N	<10	300	N	150	N	100	N	<20
SB0340	N	N	N	15	70	<10	<50	N	70	15	20
SB0341	N	N	N	<10	30	<10	50	N	<50	10	<20
SB0342	N	N	N	10	70	10	<50	N	70	15	20
SB0343	N	N	N	50	100	15	<50	N	100	30	30
SB0344	N	N	N	15	100	10	<50	N	70	15	20
SB0345	N	N	N	10	200	<10	150	N	100	N	<20
SB0346	N	N	N	<10	200	N	100	N	100	N	<20
SB0347	<2	N	N	<10	200	N	150	<10	100	N	<20
SB0348	N	N	N	10	200	N	150	N	150	N	20
SB0349	5	N	N	N	100	N	150	N	100	N	<20
SB0350	N	N	N	<10	100	<10	<50	N	100	N	<20
SB0351	N	N	N	<10	70	<10	N	N	70	N	20
SB0352	N	N	N	<10	150	N	100	N	100	N	20
SB0353	N	N	N	10	100	N	50	N	100	10	<20
SB0354	N	N	N	10	150	N	50	N	100	10	<20
SB0355	N	N	N	10	150	<10	<50	N	100	10	<20
SB0356	N	N	N	10	150	<10	N	N	100	10	<20
SB0357	N	N	N	20	150	50	N	N	100	30	30
SB0358	N	N	N	15	100	20	N	N	70	20	20
SB0359	N	N	N	10	150	<10	N	N	70	15	20
SB0360	N	N	N	15	100	15	<50	N	50	15	<20
SB0361	N	N	N	15	100	10	<50	N	70	20	70
SB0362	N	N	N	<10	70	<10	N	N	50	<10	<20
SB0363	N	N	N	10	100	10	N	N	100	N	20
SB0364	N	N	N	10	100	10	N	N	100	N	20
SB0365	N	N	N	<10	100	<10	<50	N	100	10	50
SB0366	N	N	N	<10	70	<10	N	N	100	10	30
SB0367	N	N	N	10	150	10	N	N	100	<10	50
SB0368	N	N	N	<10	100	<10	N	N	70	<10	20
SB0369	3	N	N	<10	150	N	70	N	100	30	<20
SB0370	N	N	N	N	70	N	50	N	70	<10	30
SB0371	N	N	N	<10	100	<10	<50	N	100	N	20
SB0372	N	N	N	<10	100	10	N	N	70	<10	20
SB0373	N	N	N	<10	100	<10	N	N	50	<10	<20
SB0374	N	N	N	<10	100	<10	N	N	70	N	<20
SB0375	N	N	N	N	70	N	N	N	70	<10	<20
SB0376	N	N	N	<10	70	N	N	N	100	N	30

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0332	N	10	20	N	100	100	100	N	70	N
SB0333	N	10	20	N	100	N	200	N	100	N
SB0334	N	20	100	N	150	500	1,000	N	700	N
SB0335	N	15	100	N	200	<100	300	N	1,500	N
SB0336	N	<10	50	N	150	N	200	N	500	N
SB0337	N	<10	20	<200	100	N	150	N	100	N
SB0338	N	10	30	500	100	200	150	N	150	N
SB0339	N	15	200	N	200	<100	300	N	2,000	N
SB0340	N	10	20	N	100	N	150	N	200	N
SB0341	N	<10	N	<200	70	N	70	N	150	N
SB0342	N	10	20	N	100	N	200	N	100	N
SB0343	N	<10	20	N	100	N	200	N	100	N
SB0344	N	<10	20	N	100	N	200	N	100	N
SB0345	N	30	100	N	200	N	300	N	2,000	N
SB0346	N	10	50	N	200	<100	200	N	1,000	N
SB0347	N	15	70	N	500	<100	500	N	1,000	N
SB0348	N	15	200	<200	300	150	300	N	1,000	N
SB0349	N	10	150	<200	200	<100	200	N	2,000	N
SB0350	N	10	30	N	100	<100	200	N	500	N
SB0351	N	<10	<20	N	70	N	150	N	150	N
SB0352	N	10	100	N	150	<100	200	N	20	N
SB0353	N	<10	50	N	70	100	200	N	100	N
SB0354	N	10	20	N	70	N	200	N	100	N
SB0355	N	<10	20	N	70	N	150	N	150	N
SB0356	N	10	20	N	70	N	200	N	100	N
SB0357	N	<10	20	N	70	N	200	N	100	N
SB0358	N	<10	20	N	70	N	200	N	100	N
SB0359	N	<10	20	N	70	N	200	N	70	N
SB0360	N	<10	<20	N	70	N	150	N	100	N
SB0361	N	10	20	N	100	N	200	N	70	N
SB0362	N	<10	<20	N	70	N	150	N	100	N
SB0363	N	<10	30	N	100	N	200	N	200	N
SB0364	N	<10	30	N	100	N	300	N	150	N
SB0365	N	<10	30	N	100	N	200	N	100	N
SB0366	N	N	20	N	100	N	200	N	100	N
SB0367	N	N	30	N	100	N	300	N	100	N
SB0368	N	<10	20	N	100	<100	200	N	100	N
SB0369	N	15	100	N	200	N	200	N	2,000	N
SB0370	N	<10	30	N	70	N	200	N	100	N
SB0371	N	10	200	N	150	100	200	N	700	N
SB0372	N	<10	30	N	100	N	300	N	100	N
SB0373	N	10	20	N	70	N	200	N	100	N
SB0374	N	<10	30	N	70	N	300	N	150	N
SB0375	N	<10	20	N	70	N	200	N	100	N
SB0376	N	<10	20	N	100	N	200	N	300	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB0377	64 52 55	163 38 50	1.0	.20	5.00	>2.0	150	1.0	N	N	200	300
SB0378	64 49 40	163 43 25	1.0	.20	5.00	>2.0	200	1.0	N	N	100	500
SB0379	64 48 20	163 45 15	1.0	.15	7.00	>2.0	150	1.5	N	N	100	200
SB0380	64 47 40	163 47 0	1.0	.20	5.00	>2.0	150	1.0	N	N	100	1,500
SB0381	64 46 40	163 47 35	1.0	.15	5.00	>2.0	150	1.0	N	N	150	300
SB0382	64 44 45	163 47 10	1.0	.20	3.00	>2.0	150	1.0	N	N	200	1,000
SB0382	64 44 45	163 47 10	1.0	.20	3.00	>2.0	150	1.0	N	N	200	1,000
SB0383	64 44 45	163 52 0	1.0	.20	3.00	>2.0	150	1.0	N	N	200	700
SB0384	64 46 20	163 58 45	.5	.15	2.00	1.0	100	<1.0	N	N	100	>10,000
SB0385	64 46 25	163 58 55	1.0	.20	3.00	>2.0	150	1.0	N	N	200	7,000
SB0386	64 46 45	163 57 45	.7	.20	5.00	>2.0	150	1.0	N	N	150	2,000
SB0387	64 47 22	163 56 40	1.0	.20	5.00	>2.0	150	1.0	N	N	200	2,000
SB0389	64 48 0	163 53 30	1.0	.20	5.00	>2.0	150	1.0	N	N	100	1,500
SB0390	64 48 10	163 52 20	2.0	.10	7.00	>2.0	150	1.5	20,000	N	150	700
SB0391	64 49 15	163 51 25	1.5	.20	5.00	>2.0	200	1.0	500	N	200	1,000
SB0392	64 50 30	163 51 0	.7	.20	5.00	>2.0	150	5.0	N	<20	200	10,000
SB0393	64 50 25	163 50 35	.7	.20	7.00	>2.0	200	1.0	N	N	150	700
SB0394	64 49 40	163 51 50	.5	.15	7.00	>2.0	150	N	N	N	100	1,000
SB0395	64 51 52	163 53 5	1.0	.20	5.00	>2.0	150	<1.0	N	N	150	700
SB0396	64 50 7	163 57 22	1.0	.20	7.00	>2.0	150	1.0	N	N	100	500
SB0397	64 51 45	163 58 55	1.0	.20	7.00	>2.0	200	2.0	N	N	100	700
SB0398	64 51 52	163 59 0	.7	.20	10.00	>2.0	200	N	N	N	100	1,000
SB0399	64 53 15	163 56 5	1.0	.15	10.00	>2.0	150	3.0	1,000	N	100	1,000
SB0400	64 57 15	164 3 50	1.0	.20	5.00	>2.0	200	1.0	N	N	100	500
SB0401	64 55 30	164 7 55	1.0	.20	5.00	>2.0	200	1.0	N	N	100	500
SB0402	64 55 10	164 8 30	1.0	.15	5.00	>2.0	200	70.0	N	700	30	300
SB0403	64 54 30	164 9 50	1.0	.20	7.00	>2.0	200	5.0	N	20	150	500
SB0404	64 53 40	164 4 50	1.0	.20	7.00	>2.0	150	7.0	N	150	150	700
SB0405	64 53 30	164 4 50	.7	.15	7.00	>2.0	150	1.0	<500	N	200	500
SB0406	64 53 35	164 5 45	.5	.10	7.00	1.5	150	<1.0	N	N	100	500
SB0407	64 51 55	164 8 7	.7	.15	10.00	2.0	150	<1.0	N	N	200	500
SB0408	64 51 15	164 7 35	.7	.20	5.00	>2.0	200	1.0	N	N	150	500
SB0409	64 51 20	164 4 30	1.0	.20	5.00	>2.0	150	<1.0	N	N	150	1,000
SB0410	64 51 25	164 4 50	1.0	.15	7.00	>2.0	100	<1.0	N	N	150	500
SB0411	64 51 0	164 6 7	1.0	.20	7.00	>2.0	150	<1.0	N	N	150	500
SB0412	64 50 15	164 7 20	.7	.10	5.00	>2.0	200	2.0	N	N	100	700
SB0413	64 49 30	164 8 37	2.0	.50	5.00	>2.0	300	2.0	N	N	200	500
SB0414	64 49 30	164 9 30	1.0	.50	5.00	>2.0	500	2.0	N	N	100	500
SB0415	64 48 35	164 10 40	2.0	.50	7.00	>2.0	500	1.0	N	N	150	500
SB0416	64 48 40	164 10 55	7.0	.50	2.00	>2.0	300	1.5	N	N	150	>10,000
SB0417	64 46 22	164 4 35	3.0	.50	7.00	>2.0	500	<1.0	N	N	100	700
SB0418	64 46 22	164 4 15	1.0	.20	7.00	>2.0	300	1.0	N	N	150	300
SB0419	64 47 0	164 5 5	1.5	.20	7.00	>2.0	500	<1.0	N	N	100	300
SB0420	64 47 37	164 3 45	2.0	.50	5.00	>2.0	500	2.0	N	N	150	1,000
SB0421	64 47 50	164 4 20	2.0	.50	7.00	>2.0	300	1.0	N	N	100	500

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0377	N	N	N	<10	100	N	N	N	100	N	50
SB0378	N	N	N	<10	70	N	N	N	100	<10	50
SB0379	N	N	N	<10	100	N	<50	N	70	N	30
SB0380	N	N	N	<10	70	<10	<50	N	70	<10	50
SB0381	N	N	N	<10	100	N	<50	N	70	<10	50
SB0382	N	N	N	<10	100	<10	50	N	70	50	100
SB0382	N	N	N	<10	100	<10	50	N	70	50	100
SB0383	<2	N	N	10	150	<10	100	N	70	20	100
SB0384	N	N	N	N	50	<10	<50	N	<50	<10	30
SB0385	N	N	N	<10	100	<10	50	N	100	15	70
SB0386	N	N	N	N	100	<10	50	N	70	15	50
SB0387	N	N	N	<10	100	<10	70	N	100	<10	50
SB0389	N	N	N	15	150	<10	50	N	50	30	50
SB0390	N	N	N	<10	70	<10	100	N	50	<10	50
SB0391	N	N	N	10	100	10	70	N	50	50	70
SB0392	N	N	N	<10	100	<10	70	N	50	N	70
SB0393	N	N	N	<10	70	<10	70	N	50	10	50
SB0394	N	N	N	N	70	<10	70	N	<50	<10	50
SB0395	N	N	N	10	100	10	70	N	50	15	70
SB0396	70	N	N	<10	70	10	50	N	50	15	50
SB0397	50	N	N	<10	100	<10	150	N	50	10	100
SB0398	<2	N	N	<10	100	N	150	N	<50	<10	70
SB0399	<2	N	N	<10	100	10	100	N	50	<10	500
SB0400	2	N	N	<10	100	N	70	N	70	N	50
SB0401	N	N	N	<10	100	N	N	N	70	N	50
SB0402	N	N	N	<10	100	N	N	N	50	N	50
SB0403	<2	N	N	<10	100	<10	150	N	50	10	100
SB0404	<2	N	N	N	70	<10	200	N	<50	N	70
SB0405	<2	N	N	N	150	<10	150	N	50	N	50
SB0406	<2	N	N	N	50	<10	100	N	<50	N	50
SB0407	2	N	N	10	150	<10	100	N	<50	<10	50
SB0408	N	N	N	<10	100	<10	70	N	50	<10	30
SB0409	<2	N	N	15	100	<10	70	N	50	20	50
SB0410	<2	N	N	10	100	<10	100	N	50	15	50
SB0411	<2	N	N	<10	100	<10	100	N	50	15	50
SB0412	N	N	N	<10	100	<10	50	N	50	N	200
SB0413	N	N	N	15	100	20	N	N	70	<10	300
SB0414	N	N	N	30	100	20	<50	N	50	30	150
SB0415	N	N	N	30	150	20	50	N	50	20	150
SB0416	<2	N	N	70	70	100	200	20	50	150	150
SB0417	N	N	N	30	200	20	150	N	<50	<10	200
SB0418	N	N	N	<10	70	<10	N	N	50	<10	100
SB0419	N	N	N	<10	100	<10	<50	N	50	N	100
SB0420	N	N	N	20	100	150	100	N	70	50	150
SB0421	N	N	N	10	100	<10	<50	N	70	10	100

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0377	N	10	50	N	150	N	200	N	500	N
SB0378	N	<10	20	<200	100	N	150	N	300	N
SB0379	N	10	20	<200	100	N	200	N	500	N
SB0380	N	<10	30	300	100	N	150	N	150	N
SB0381	N	10	20	300	100	N	150	N	200	N
SB0382	N	15	30	500	150	N	200	N	200	N
SB0382	N	15	30	500	150	N	200	N	200	N
SB0383	N	15	30	500	150	100	200	N	200	N
SB0384	N	10	<20	1,000	70	N	100	N	100	N
SB0385	N	10	30	500	100	N	150	N	100	N
SB0386	N	10	30	500	100	150	100	N	100	N
SB0387	N	10	30	500	100	N	150	N	200	N
SB0389	N	10	30	500	150	300	200	N	150	N
SB0390	200	10	<20	700	100	150	300	N	700	N
SB0391	N	15	30	500	100	300	200	500	500	N
SB0392	N	10	20	500	150	300	200	N	700	N
SB0393	N	<10	20	300	100	N	100	N	300	N
SB0394	N	10	<20	500	100	<100	300	N	100	N
SB0395	N	10	20	500	100	100	200	N	150	N
SB0396	N	10	20	500	100	N	200	N	100	N
SB0397	N	10	20	1,000	100	200	500	N	200	N
SB0398	N	<10	N	1,000	70	N	700	N	200	N
SB0399	N	<10	20	1,000	100	N	700	N	300	N
SB0400	<200	<10	20	300	100	N	300	N	300	N
SB0401	N	<10	20	300	100	N	200	N	300	N
SB0402	300	<10	<20	200	100	N	150	N	200	N
SB0403	<200	10	20	1,000	100	N	500	N	200	N
SB0404	N	10	<20	700	70	N	500	N	1,000	N
SB0405	7,000	10	<20	700	100	N	300	N	300	N
SB0406	1,000	<10	N	700	70	N	200	N	150	N
SB0407	<200	<10	N	700	100	N	300	N	300	N
SB0408	N	<10	20	500	100	N	150	N	200	N
SB0409	N	10	<20	500	100	N	300	N	200	N
SB0410	N	<10	<20	500	100	N	200	N	200	N
SB0411	N	10	<20	700	100	N	300	N	200	N
SB0412	N	<10	20	200	150	N	100	N	1,000	N
SB0413	N	10	20	200	150	N	150	N	500	N
SB0414	N	10	<20	200	100	N	150	N	500	N
SB0415	N	20	N	300	100	N	100	N	500	N
SB0416	N	15	50	500	100	N	150	<500	200	N
SB0417	N	30	<20	700	150	N	150	N	700	N
SB0418	N	<10	20	300	100	N	150	N	150	N
SB0419	N	10	<20	500	100	N	150	N	700	N
SB0420	N	15	20	500	150	N	200	N	200	N
SB0421	N	10	20	500	100	N	150	N	200	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
			s	s	s	s	s	s	s	s	s	s
SB0422	64 48 35	164 1 5	2.0	.30	7.00	>2.0	500	1.0	N	N	150	1,000
SB0423	64 48 30	164 1 15	.7	.20	7.00	>2.0	300	<1.0	N	N	100	300
SB0424	64 48 55	164 2 25	1.0	.20	5.00	>2.0	200	1.0	N	N	100	1,000
SB0425	64 48 45	164 2 15	1.0	.20	7.00	>2.0	200	<1.0	N	N	100	300
SB0426	64 49 25	164 4 30	.7	.15	7.00	>2.0	200	<1.0	N	N	100	300
SB0427	64 50 0	164 4 15	.7	.15	7.00	>2.0	200	<1.0	N	N	150	2,000
SB0428	64 51 50	164 11 5	1.0	.20	7.00	>2.0	300	1.0	N	N	100	300
SB0429	64 52 55	164 12 37	1.0	.15	7.00	>2.0	200	1.5	N	N	70	2,000
SB0430	64 52 45	164 13 40	1.0	.10	5.00	>2.0	200	2.0	N	<20	70	300
SB0431	64 52 55	164 11 37	1.0	.15	7.00	>2.0	200	10.0	N	150	70	500
SB0432	64 53 45	164 13 0	.7	.15	5.00	>2.0	200	3.0	N	20	100	500
SB0433	64 53 5	164 18 25	.7	.15	5.00	>2.0	200	1.0	N	N	70	500
SB0434	64 54 25	164 20 0	.5	.20	7.00	>2.0	200	<1.0	N	N	100	1,500
SB0435	64 54 25	164 19 30	.5	.10	5.00	>2.0	150	<1.0	N	N	150	500
SB0436	64 52 15	164 15 40	.7	.10	7.00	>2.0	200	1.5	N	N	70	500
SB0437	64 50 20	164 13 50	.7	.50	5.00	>2.0	200	N	N	N	150	5,000
SB0438	64 51 22	164 18 35	1.0	.10	5.00	>2.0	200	2.0	N	<20	70	300
SB0439	64 51 15	164 21 0	.5	.15	7.00	>2.0	200	<1.0	700	N	100	500
SB0440	64 51 45	164 23 40	.7	.15	10.00	>2.0	150	30.0	N	100	200	10,000
SB0441	64 51 20	164 23 45	.5	.15	10.00	>2.0	200	N	1,500	N	100	700
SB0442	65 2 10	162 40 50	.5	3.00	10.00	>2.0	200	<1.0	N	N	200	700
SB0443	65 2 35	162 42 15	.5	5.00	7.00	>2.0	500	<1.0	N	N	70	1,000
SB0444	65 2 15	162 37 5	.5	7.00	10.00	>2.0	500	3.0	N	N	200	3,000
SB0445	65 4 20	162 36 20	1.0	5.00	7.00	2.0	500	1.0	N	N	300	2,000
SB0446	65 4 30	162 36 30	.5	5.00	10.00	2.0	500	10.0	N	N	200	3,000
SB0447	65 4 0	162 30 15	.5	5.00	10.00	2.0	200	<1.0	N	N	150	1,500
SB0448	65 3 55	162 30 0	.5	7.00	10.00	>2.0	200	2.0	N	N	200	500
SB0449	65 4 35	162 29 5	.5	.70	15.00	>2.0	500	N	N	N	100	1,000
SB0450	65 4 50	162 29 35	1.0	2.00	10.00	>2.0	300	2.0	N	N	500	5,000
SB0451	65 5 25	162 29 5	.7	.50	7.00	2.0	200	N	N	N	150	5,000
SB0452	65 5 30	162 28 40	.3	.30	10.00	2.0	200	N	N	N	100	500
SB0453	65 7 5	162 30 20	.5	1.50	5.00	2.0	200	15.0	N	N	200	5,000
SB0454	65 6 55	162 27 30	.5	1.00	5.00	2.0	200	N	N	N	100	1,500
SB0455	65 8 45	162 26 30	.3	1.50	3.00	1.0	200	N	N	N	100	1,500
SB0456	65 10 20	162 27 25	.2	1.00	2.00	.7	200	N	N	N	50	500
SB0457	65 11 20	162 27 10	.2	.05	3.00	.7	200	N	N	N	20	500
SB0458	65 11 50	162 28 10	.2	<.05	.70	1.0	100	N	N	N	20	500
SB0459	64 59 10	164 44 20	.7	1.50	2.00	>2.0	300	N	N	N	5,000	700
SB0461	64 58 35	164 49 5	.5	.50	2.00	>2.0	300	N	1,000	N	700	1,500
SB0462	64 58 40	164 49 0	.7	3.00	2.00	>2.0	500	30.0	N	N	3,000	500
SB0463	64 59 10	164 50 15	.5	.50	1.00	>2.0	300	N	N	N	2,000	200
SB0464	65 0 5	164 50 15	.7	3.00	2.00	>2.0	500	N	N	N	2,000	500
SB0465	65 0 10	164 50 0	.7	2.00	1.00	>2.0	300	N	N	N	2,000	500
SB0466	64 57 0	164 49 50	1.0	1.00	5.00	>2.0	300	N	N	N	2,000	500
SB0467	64 57 45	164 55 40	1.0	1.50	7.00	>2.0	300	N	N	N	1,000	500

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0422	N	N	N	30	100	10	70	N	70	15	100
SB0423	N	N	N	<10	70	<10	<50	N	50	N	50
SB0424	N	N	N	10	100	<10	<50	N	70	N	100
SB0425	N	N	N	<10	70	<10	<50	N	50	N	100
SB0426	N	N	N	<10	70	N	50	N	50	N	70
SB0427	N	N	N	<10	100	<10	50	N	70	N	70
SB0428	N	N	N	10	70	10	50	N	70	N	70
SB0429	N	N	N	10	100	<10	<50	N	70	<10	70
SB0430	N	N	N	10	70	N	N	N	50	N	50
SB0431	N	N	N	10	70	N	<50	N	50	N	70
SB0432	N	N	N	10	100	<10	N	N	70	N	100
SB0433	N	N	N	10	70	<10	N	N	70	<10	50
SB0434	N	N	N	<10	150	<10	N	N	70	N	50
SB0435	N	N	N	<10	200	<10	N	N	50	N	50
SB0436	N	N	N	10	100	<10	N	N	50	N	100
SB0437	N	N	N	10	150	15	50	N	70	10	500
SB0438	N	N	N	10	100	<10	N	N	70	N	50
SB0439	15	N	N	<10	100	N	N	N	70	N	50
SB0440	15	N	N	15	200	<10	<50	N	50	15	150
SB0441	<2	N	N	<10	100	<10	50	N	50	<10	70
SB0442	<2	N	N	N	100	N	50	N	50	N	200
SB0443	N	N	N	N	100	<10	N	N	<50	N	<20
SB0444	N	N	N	N	100	10	<50	N	70	N	500
SB0445	N	N	N	<10	150	<10	N	N	70	20	100
SB0446	N	N	N	N	100	10	50	N	<50	N	300
SB0447	N	N	N	N	100	<10	50	N	<50	N	30
SB0448	N	N	N	N	100	N	100	N	50	N	300
SB0449	N	N	N	N	50	10	70	N	<50	N	100
SB0450	N	N	N	N	200	<10	70	N	70	N	500
SB0451	N	N	N	N	150	10	50	N	70	N	100
SB0452	N	N	N	N	100	<10	50	N	50	N	100
SB0453	N	100	N	N	100	<10	70	10	50	N	3,000
SB0454	N	<20	N	N	150	<10	100	N	50	N	200
SB0455	N	100	N	N	50	N	300	N	<50	N	70
SB0456	N	N	N	N	20	<10	200	<10	<50	N	70
SB0457	N	50	N	N	20	<10	1,000	N	<50	N	50
SB0458	N	N	N	N	<20	<10	200	N	<50	N	50
SB0459	20	N	N	10	150	10	50	N	50	N	50
SB0461	2	N	N	30	200	<10	50	N	100	10	100
SB0462	N	N	N	10	200	<10	50	N	300	N	20
SB0463	N	N	N	<10	200	<10	<50	N	100	N	<20
SB0464	N	N	N	N	300	<10	70	N	200	N	20
SB0465	3	N	N	<10	300	<10	50	N	200	N	50
SB0466	<2	N	N	<10	200	<10	50	N	70	<10	30
SB0467	N	N	N	10	150	<10	100	N	70	N	50

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0422	N	10	70	500	100	N	150	N	300	N
SB0423	N	<10	20	500	100	N	150	N	300	N
SB0424	N	<10	20	500	100	N	200	N	300	N
SB0425	N	<10	20	500	100	N	150	N	500	N
SB0426	N	N	20	700	100	N	100	N	200	N
SB0427	N	<10	30	300	100	N	150	N	200	N
SB0428	N	N	20	500	150	N	100	N	200	N
SB0429	N	N	20	200	100	N	150	N	500	N
SB0430	N	<10	<20	<200	150	N	100	N	150	N
SB0431	N	<10	<20	<200	100	N	100	N	200	N
SB0432	N	15	20	300	150	N	200	N	1,000	N
SB0433	N	10	<20	300	150	<100	150	N	500	N
SB0434	200	<10	<20	300	150	<100	150	N	700	N
SB0435	N	<10	<20	500	100	N	150	N	700	N
SB0436	N	<10	20	300	150	N	150	N	200	N
SB0437	N	15	30	500	150	<100	150	N	2,000	N
SB0438	N	10	20	<200	200	<100	150	N	200	N
SB0439	N	10	20	300	150	<100	200	N	2,000	N
SB0440	N	15	20	500	200	N	300	N	1,000	N
SB0441	N	<10	20	500	150	<100	300	N	2,000	N
SB0442	N	<10	500	<200	150	N	150	N	1,000	N
SB0443	N	10	>2,000	<200	200	100	150	N	1,000	N
SB0444	N	<10	>2,000	<200	200	N	200	N	1,500	N
SB0445	N	<10	>2,000	<200	100	<100	200	N	700	N
SB0446	N	10	300	200	200	100	100	N	1,500	N
SB0447	N	10	30	200	150	200	100	N	1,500	N
SB0448	N	10	30	300	150	N	150	N	500	N
SB0449	N	<10	50	500	100	N	500	N	2,000	N
SB0450	N	10	1,000	500	300	N	200	N	2,000	<200
SB0451	N	15	50	500	100	N	150	N	>2,000	N
SB0452	N	<10	500	500	100	<100	200	N	1,000	N
SB0453	N	<10	200	500	150	700	200	N	>2,000	N
SB0454	N	10	>2,000	500	150	200	150	N	2,000	N
SB0455	N	<10	30	<200	100	100	200	N	>2,000	200
SB0456	N	<10	300	N	70	<100	300	N	>2,000	1,000
SB0457	N	<10	20	200	50	N	300	N	>2,000	500
SB0458	N	<10	100	N	50	N	300	N	>2,000	500
SB0459	N	<10	300	200	200	150	150	N	>2,000	N
SB0461	N	<10	100	<200	200	300	150	N	>2,000	N
SB0462	N	<10	100	N	1,500	200	100	N	700	N
SB0463	N	<10	30	N	200	200	100	N	1,500	N
SB0464	N	20	70	N	1,000	150	100	N	>2,000	N
SB0465	N	20	100	N	1,000	100	100	N	1,000	N
SB0466	N	10	50	200	200	100	200	N	2,000	N
SB0467	N	<10	50	500	200	200	300	N	>2,000	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB0468	64 55 55	164 58 0	.7	3.00	5.00	>2.0	300	N	N	N	1,000	500
SB0469	64 58 20	164 52 55	.5	1.50	.15	>2.0	200	N	N	N	5,000	300
SB0470	64 58 52	164 57 15	.7	1.50	1.50	>2.0	200	<1.0	N	N	1,500	500
SB0471	64 59 52	164 56 30	.7	2.00	2.00	>2.0	500	<1.0	N	N	3,000	500
SB0472	65 2 30	164 59 45	.5	.20	3.00	>2.0	500	N	N	N	100	300
SB0473	65 3 20	164 59 0	.5	.20	3.00	>2.0	200	N	N	N	200	500
SB0474	65 3 35	164 55 35	.5	.07	7.00	>2.0	500	N	N	N	100	500
SB0475	65 3 40	164 54 10	.7	.50	1.50	>2.0	200	N	N	N	1,000	500
SB0476	65 2 55	164 51 25	.7	.50	.30	>2.0	150	N	N	N	700	300
SB0477	65 3 10	164 49 35	1.0	1.00	.20	>2.0	200	N	N	N	2,000	3,000
SB0478	65 4 50	164 48 55	.7	1.50	.30	>2.0	200	N	N	N	2,000	500
SB0479	65 2 40	164 45 5	.7	1.00	.15	>2.0	150	N	N	N	2,000	>10,000
SB0480	65 2 5	164 43 10	.5	1.00	.70	>2.0	200	N	N	N	700	1,000
SB0481	65 1 15	164 39 25	.5	1.00	7.00	>2.0	150	N	N	N	500	300
SB0482	65 7 25	162 23 55	.5	.70	7.00	>2.0	150	N	N	N	200	300
SB0483	65 7 30	162 22 5	.5	.30	5.00	>2.0	150	1.5	N	N	700	500
SB0484	65 6 25	162 18 35	.5	.20	1.00	>2.0	100	N	N	N	700	300
SB0485	65 6 50	162 15 55	.5	.20	5.00	>2.0	200	10.0	N	N	150	1,000
SB0486	65 7 45	162 15 25	.5	.30	5.00	>2.0	150	<1.0	N	N	100	700
SB0487	65 8 40	162 15 40	.5	.70	5.00	>2.0	200	N	N	N	150	1,000
SB0488	65 9 35	162 15 20	1.0	.20	5.00	>2.0	200	N	N	N	200	700
SB0489	65 11 35	162 17 30	1.0	.20	3.00	>2.0	200	N	N	N	150	500
SB0490	65 13 45	162 21 5	.7	.30	5.00	>2.0	200	1.0	N	N	700	1,000
SB0491	65 13 20	162 23 40	.5	1.50	5.00	>2.0	300	N	N	N	200	500
SB0492	65 14 5	162 26 55	.7	.50	5.00	>2.0	300	N	N	N	100	500
SB0493	65 13 5	162 28 15	.7	.20	5.00	>2.0	200	N	N	N	20	500
SB0494	65 13 0	162 29 5	.7	.10	3.00	>2.0	150	5.0	N	20	30	500
SB0495	65 12 15	162 32 15	.7	.07	5.00	>2.0	200	N	N	N	20	500
SB0496	65 12 40	162 33 10	.7	.10	5.00	>2.0	200	N	N	N	20	500
SB0497	65 11 45	162 32 35	.7	.07	7.00	>2.0	200	N	N	N	20	300
SB0499	65 16 25	162 38 45	1.0	.10	5.00	>2.0	200	N	N	N	20	500
SB0500	65 17 10	162 41 10	.7	.15	2.00	>2.0	150	N	N	N	20	500
SB0501	65 18 40	162 49 20	1.0	.50	5.00	>2.0	200	N	N	N	20	300
SB0502	65 18 30	162 49 35	1.0	.70	7.00	>2.0	200	N	N	N	30	500
SB0503	65 18 50	162 52 15	1.0	.10	5.00	>2.0	200	N	N	N	20	200
SB0504	65 18 55	162 52 20	1.0	.10	5.00	>2.0	200	N	N	N	20	200
SB0505	65 18 50	162 53 35	1.0	.70	5.00	>2.0	200	N	N	N	50	150
SB0507	65 20 30	162 58 20	1.0	.70	7.00	>2.0	200	N	N	N	50	150
SB0508	65 19 35	162 58 55	1.0	.50	5.00	>2.0	200	N	N	N	20	200
SB0509	65 20 25	163 2 50	1.0	1.50	5.00	>2.0	200	N	N	N	20	200
SB0510	65 21 50	163 4 35	1.0	2.00	7.00	>2.0	300	N	N	N	50	500
SB0511	65 21 50	163 5 5	.7	3.00	7.00	>2.0	200	N	N	N	30	200
SB0512	65 0 10	162 41 35	5.0	3.00	7.00	>2.0	100	1.0	N	N	100	200
SB0513	65 0 15	162 39 5	1.0	5.00	7.00	>2.0	200	<1.0	N	N	200	300
SB0514	65 0 20	162 39 5	1.0	5.00	10.00	>2.0	100	3.0	N	N	1,000	150

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0468	7	N	N	<10	150	<10	70	N	70	N	50
SB0469	N	N	N	N	300	<10	50	N	100	N	20
SB0470	5	N	N	<10	300	10	50	N	200	<10	<20
SB0471	<2	N	N	<10	300	10	50	N	200	10	20
SB0472	N	N	N	N	70	N	200	15	100	N	50
SB0473	N	N	N	<10	500	N	150	<10	100	N	20
SB0474	N	70	N	N	100	N	200	20	50	N	50
SB0475	N	N	N	10	700	N	100	N	200	N	N
SB0476	N	<20	N	10	700	N	70	N	300	N	N
SB0477	20	N	N	<10	500	N	50	N	200	N	<20
SB0478	20	N	N	<10	500	N	50	N	200	N	N
SB0479	150	N	N	<10	300	N	<50	N	200	N	N
SB0480	100	N	N	<10	200	N	50	N	150	N	<20
SB0481	2	N	N	<10	150	N	100	N	100	N	30
SB0482	N	N	N	N	150	N	70	N	50	N	50
SB0483	N	N	N	<10	200	<10	70	N	70	N	200
SB0484	<2	N	N	<10	100	N	100	N	50	N	70
SB0485	N	N	N	<10	200	N	200	N	70	N	70
SB0486	N	N	N	<10	300	N	70	N	50	N	70
SB0487	N	30	N	N	150	N	150	N	50	N	100
SB0488	N	N	N	<10	200	<10	100	N	70	N	50
SB0489	N	N	N	10	300	<10	70	N	100	N	30
SB0490	N	1,000	N	<10	150	N	100	N	100	N	200
SB0491	N	20	N	<10	150	N	300	N	100	N	50
SB0492	N	N	N	N	50	N	500	10	100	N	<20
SB0493	N	N	N	N	50	N	500	10	100	N	50
SB0494	N	N	N	N	30	N	500	10	50	N	70
SB0495	N	N	N	N	<20	N	700	N	50	N	70
SB0496	N	N	N	N	20	N	500	N	70	N	50
SB0497	N	200	N	N	N	<10	1,500	<10	50	N	50
SB0499	N	<20	N	N	20	N	700	<10	100	N	20
SB0500	N	30	N	N	30	<10	500	N	70	N	100
SB0501	N	500	N	N	20	N	700	15	100	N	30
SB0502	N	30	N	N	<20	N	500	10	100	N	30
SB0503	N	N	N	N	20	N	500	15	150	N	<20
SB0504	N	N	N	N	30	N	700	20	100	N	<20
SB0505	N	N	N	N	50	N	500	10	100	N	50
SB0507	N	N	N	N	70	N	500	10	100	N	50
SB0508	N	N	N	N	30	N	500	10	150	N	20
SB0509	N	N	N	N	50	N	500	<10	100	N	20
SB0510	N	N	N	N	50	N	700	<10	100	N	<20
SB0511	<2	N	N	N	50	N	200	N	70	N	<20
SB0512	N	N	N	70	70	N	N	N	70	50	2,000
SB0513	<2	N	N	10	100	N	100	N	70	N	200
SB0514	N	N	N	<10	70	N	50	N	50	N	7,000

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0468	N	10	500	200	200	200	200	N	>2,000	N
SB0469	N	10	50	N	200	200	100	N	2,000	N
SB0470	N	30	100	N	1,000	150	150	N	500	N
SB0471	N	30	100	N	1,500	150	150	N	300	N
SB0472	N	10	100	N	100	200	300	N	>2,000	200
SB0473	N	30	700	N	1,500	200	200	N	>2,000	N
SB0474	N	10	500	N	300	500	500	N	>2,000	N
SB0475	N	30	200	N	1,000	100	200	N	500	N
SB0476	N	50	100	N	1,500	100	100	N	200	N
SB0477	N	70	100	N	1,500	100	150	N	500	N
SB0478	N	70	100	N	1,000	100	150	N	500	N
SB0479	N	50	100	N	1,500	100	70	N	200	N
SB0480	N	15	100	N	200	200	100	N	2,000	N
SB0481	N	10	50	500	200	<100	200	N	2,000	N
SB0482	N	10	1,000	500	150	150	150	N	2,000	N
SB0483	N	10	>2,000	500	200	700	100	N	>2,000	N
SB0484	N	20	500	N	100	100	200	N	>2,000	<200
SB0485	N	15	100	500	150	<100	100	N	2,000	N
SB0486	N	15	70	700	150	N	150	N	1,000	N
SB0487	N	10	1,000	500	200	100	200	N	>2,000	<200
SB0488	N	15	500	500	200	100	150	N	>2,000	N
SB0489	N	10	>2,000	200	200	100	150	N	300	N
SB0490	N	<10	1,500	500	150	100	100	N	1,000	N
SB0491	N	10	500	300	150	150	300	N	700	N
SB0492	N	10	70	<200	100	<100	500	N	>2,000	<200
SB0493	N	10	100	<200	100	100	500	N	>2,000	500
SB0494	N	10	70	<200	100	150	500	N	>2,000	500
SB0495	N	<10	50	<200	70	N	500	N	>2,000	<200
SB0496	N	10	70	N	100	100	700	N	>2,000	200
SB0497	N	N	20	300	50	100	300	N	>2,000	1,000
SB0499	N	10	70	N	100	N	700	N	>2,000	<200
SB0500	N	15	>2,000	200	50	500	300	N	>2,000	200
SB0501	N	10	1,000	<200	100	150	300	N	>2,000	<200
SB0502	N	<10	100	200	150	<100	500	N	1,000	<200
SB0503	N	10	150	N	100	<100	300	N	>2,000	<200
SB0504	N	10	200	N	100	200	500	N	>2,000	<200
SB0505	N	<10	100	N	100	<100	300	N	>2,000	<200
SB0507	N	10	100	N	100	<100	500	N	>2,000	<200
SB0508	N	70	500	N	100	200	500	N	>2,000	<200
SB0509	N	<10	200	N	100	200	300	N	>2,000	N
SB0510	N	<10	70	<200	100	300	300	N	>2,000	N
SB0511	N	N	300	<200	70	<100	200	N	2,000	N
SB0512	N	N	30	<200	150	100	70	500	200	N
SB0513	N	<10	30	<200	150	100	200	N	300	N
SB0514	N	<10	500	200	100	N	70	1,000	200	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB0515	65 0 50	162 36 30	7.0	3.00	7.00	1.0	100	10.0	500	N	500	200
SB0516	65 1 0	162 30 40	1.0	2.00	5.00	2.0	150	1.5	N	N	200	500
SB0517	65 0 55	162 30 25	.7	1.00	10.00	2.0	200	<1.0	N	N	300	200
SB0518	64 59 59	162 30 50	.7	.70	5.00	>2.0	200	<1.0	N	N	700	300
SB0519	64 59 30	162 32 25	.5	1.00	5.00	>2.0	200	N	N	N	200	200
SB0520	64 59 15	162 33 20	.5	1.50	5.00	2.0	200	<1.0	N	N	150	200
SB0522	64 58 10	162 37 40	.5	2.00	2.00	1.0	200	N	N	N	200	200
SB0523	64 57 5	162 36 10	.5	.20	.50	1.0	200	<1.0	N	N	200	200
SB0524	64 57 7	162 36 30	.7	1.50	1.50	>2.0	200	<1.0	N	N	200	200
SB0525	64 57 5	162 31 55	.5	2.00	1.50	>2.0	200	N	N	N	200	150
SB0526	64 57 7	162 30 45	.7	2.00	2.00	>2.0	150	N	N	N	150	200
SB0527	64 57 10	162 30 37	.7	.50	1.00	.5	200	1.5	N	N	70	500
SB0528	64 57 35	162 29 0	1.5	2.00	2.00	>2.0	300	1.5	N	N	700	500
SB0529	64 57 25	162 29 0	1.5	3.00	3.00	>2.0	500	N	N	N	500	300
SB0530	64 55 10	164 28 52	1.0	1.00	2.00	>2.0	300	1.0	N	N	1,000	300
SB0531	64 55 5	162 29 5	1.0	.50	1.00	2.0	500	N	N	N	700	500
SB0532	64 55 25	162 30 10	1.0	3.00	2.00	>2.0	500	1.5	N	N	500	300
SB0533	64 55 15	162 33 15	1.0	3.00	5.00	>2.0	500	<1.0	N	N	200	300
SB0534	64 55 25	162 34 50	1.0	.50	1.00	1.0	500	N	N	N	200	300
SB0535	64 55 20	164 34 40	.7	2.00	3.00	2.0	300	N	N	N	300	300
SB0536	64 55 40	162 41 0	1.0	2.00	3.00	2.0	500	N	N	N	500	300
SB0537	64 55 35	162 41 20	.7	2.00	2.00	2.0	300	N	N	N	200	500
SB0538	64 53 45	162 45 22	1.0	2.00	5.00	>2.0	500	N	N	N	300	500
SB0539	64 53 35	162 40 45	1.5	2.00	5.00	>2.0	500	<1.0	N	N	300	300
SB0540	64 53 45	162 34 50	1.5	2.00	5.00	>2.0	500	N	N	N	300	500
SB0541	64 52 55	162 30 15	1.5	2.00	7.00	>2.0	500	<1.0	N	N	300	500
SB0542	64 52 50	162 30 30	.7	2.00	3.00	>2.0	300	1.5	N	N	300	500
SB0543	64 53 30	164 23 45	.5	.10	1.50	>2.0	500	N	N	N	50	700
SB0544	64 54 15	162 20 50	.5	.05	.70	1.5	200	N	N	N	50	700
SB0545	64 54 20	162 20 40	.7	.07	.70	1.0	300	3.0	N	N	30	300
SB0546	64 52 55	164 20 40	.7	.05	1.00	1.5	200	N	N	N	20	500
SB0547	64 52 45	162 20 45	2.0	.10	1.00	1.0	1,000	N	N	N	20	500
SB0548	64 56 50	162 23 20	1.0	1.00	2.00	>2.0	300	<1.0	<500	N	700	300
SB0549	64 56 45	162 23 5	.3	.10	.70	1.0	200	N	N	N	70	300
SB0550	64 58 20	162 20 45	.7	.30	3.00	>2.0	500	N	N	N	200	500
SB0551	64 58 10	162 20 45	.5	.20	1.00	>2.0	200	N	N	N	200	300
SB0552	64 58 0	162 11 35	2.0	.30	1.00	>2.0	500	N	N	N	30	500
SB0553	64 58 0	162 11 0	2.0	.20	1.00	>2.0	700	N	N	N	70	2,000
SB0554	64 57 35	162 2 0	2.0	.20	1.00	>2.0	500	2.0	N	20	100	500
SB0555	64 55 45	162 6 30	1.5	.20	1.00	>2.0	300	<1.0	N	N	150	500
SB0556	64 56 5	162 11 40	5.0	.07	1.00	>2.0	1,000	N	N	N	20	700
SB0557	64 49 55	162 47 10	1.5	10.00	3.00	>2.0	500	N	N	N	1,000	500
SB0558	64 50 15	162 47 15	1.0	2.00	5.00	>2.0	500	N	N	N	700	500
SB0559	64 50 55	162 41 40	1.0	1.50	5.00	>2.0	700	N	N	N	500	500
SB0560	64 50 50	162 41 25	1.0	3.00	5.00	>2.0	500	N	N	N	300	200

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0515	N	N	<50	100	70	15	70	N	<50	50	20,000
SB0516	N	N	N	N	100	<10	50	N	50	N	2,000
SB0517	<2	N	N	N	100	N	150	N	<50	N	300
SB0518	N	N	N	<10	200	15	70	N	70	<10	100
SB0519	N	N	N	<10	150	N	50	N	70	<10	20
SB0520	N	N	N	N	150	N	50	N	50	N	150
SB0522	N	N	N	N	150	N	50	N	50	<10	<20
SB0523	N	N	N	N	200	N	50	N	<50	<10	<20
SB0524	N	N	N	<10	150	N	50	N	70	N	N
SB0525	N	N	N	<10	200	<10	50	N	50	N	20
SB0526	N	N	N	10	150	N	<50	N	100	N	20
SB0527	<2	20	N	N	70	20	N	10	N	N	100
SB0528	<2	<20	N	30	500	15	100	N	70	30	200
SB0529	N	N	N	20	100	15	70	N	70	N	100
SB0530	2	100	N	20	100	<10	150	N	50	N	50
SB0531	<2	N	N	<10	150	10	150	N	50	N	70
SB0532	<2	<20	N	<10	100	10	100	N	70	N	100
SB0533	N	N	N	<10	150	<10	70	N	70	N	100
SB0534	<2	N	N	N	200	<10	100	N	<50	N	50
SB0535	<2	N	N	N	100	<10	100	N	50	N	30
SB0536	<2	N	N	N	100	<10	100	N	<50	N	20
SB0537	N	N	N	N	150	N	100	N	70	N	<20
SB0538	2	N	N	N	150	<10	100	N	50	N	<20
SB0539	2	N	N	N	100	<10	150	N	50	N	50
SB0540	2	N	N	N	150	<10	100	<10	50	N	50
SB0541	2	<20	N	N	100	N	100	N	50	N	50
SB0542	N	N	N	N	200	<10	150	N	50	N	30
SB0543	N	300	N	N	20	<10	500	100	100	N	100
SB0544	N	300	N	N	20	N	150	100	150	N	50
SB0545	N	500	N	N	20	N	150	300	150	N	70
SB0546	<2	200	N	N	20	N	200	500	50	N	50
SB0547	<2	100	N	N	30	<10	200	100	70	N	70
SB0548	<2	N	N	<10	150	150	<50	10	100	N	<20
SB0549	N	<20	N	N	30	<10	70	N	70	N	<20
SB0550	<2	1,000	N	<10	100	10	300	150	100	N	200
SB0551	2	50	N	<10	100	10	70	30	70	N	50
SB0552	2	N	N	<10	50	10	200	500	70	N	70
SB0553	<2	70	N	<10	500	N	300	200	100	N	50
SB0554	<2	N	N	10	1,000	<10	100	10	50	N	30
SB0555	N	N	N	<10	700	N	50	<10	70	N	50
SB0556	N	300	N	<10	50	<10	200	150	100	N	150
SB0557	<2	<20	N	<10	200	<10	200	10	70	30	20
SB0558	<2	<20	N	<10	100	N	100	10	70	N	<20
SB0559	<2	N	N	N	150	N	70	<10	50	N	20
SB0560	<2	<20	N	<10	100	N	100	N	70	N	30

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0515	N	<10	200	200	1,000	N	50	2,000	150	N
SB0516	N	N	100	<200	300	<100	70	500	200	N
SB0517	N	10	20	300	100	N	150	N	1,000	N
SB0518	N	20	30	500	200	100	150	N	1,000	N
SB0519	N	10	20	<200	100	N	150	N	1,500	N
SB0520	N	10	<20	200	100	<100	150	N	500	N
SB0522	N	N	N	N	150	150	100	N	200	N
SB0523	N	N	500	N	150	<100	100	N	300	N
SB0524	N	<10	20	200	100	300	100	N	700	N
SB0525	N	N	20	N	150	N	100	N	500	N
SB0526	N	10	30	200	100	200	100	N	2,000	N
SB0527	N	10	N	<200	100	N	30	N	700	N
SB0528	N	20	100	500	150	500	70	N	500	N
SB0529	N	15	<20	500	150	100	70	N	2,000	N
SB0530	N	<10	300	<200	100	200	100	N	700	N
SB0531	N	10	50	N	100	<100	70	N	1,000	N
SB0532	N	10	200	N	100	N	70	N	500	N
SB0533	N	N	50	N	100	N	100	N	700	N
SB0534	N	<10	20	N	100	N	70	N	200	N
SB0535	N	<10	1,500	N	100	100	100	N	1,000	N
SB0536	N	N	70	<200	100	N	100	N	1,500	N
SB0537	N	N	100	<200	100	<100	100	N	>2,000	N
SB0538	N	10	50	<200	100	N	150	N	>2,000	N
SB0539	N	10	100	<200	100	N	150	N	500	N
SB0540	N	<10	1,000	<200	100	150	150	N	700	N
SB0541	N	<10	100	<200	100	100	150	N	500	N
SB0542	N	10	30	N	100	<100	150	N	300	N
SB0543	N	15	150	N	70	500	500	N	>2,000	N
SB0544	N	N	500	N	70	200	200	N	>2,000	N
SB0545	N	N	150	N	50	700	150	N	>2,000	N
SB0546	N	15	50	N	50	1,000	500	N	>2,000	N
SB0547	N	10	70	<200	100	1,000	700	N	>2,000	300
SB0548	N	<10	30	200	150	200	150	N	2,000	N
SB0549	N	N	N	<200	70	100	100	N	>2,000	<200
SB0550	N	<10	100	200	100	1,000	500	N	>2,000	200
SB0551	N	N	150	200	100	300	100	N	>2,000	N
SB0552	N	<10	50	<200	100	1,000	500	N	>2,000	1,000
SB0553	N	15	500	<200	100	700	500	N	>2,000	<200
SB0554	N	10	20	200	150	100	100	N	1,000	N
SB0555	N	10	20	200	150	<100	100	N	1,000	N
SB0556	N	20	100	N	100	500	1,000	N	>2,000	200
SB0557	N	10	100	200	100	<100	200	N	>2,000	<200
SB0558	N	N	200	<200	100	N	150	N	>2,000	N
SB0559	N	<10	700	<200	100	100	200	N	1,000	N
SB0560	N	<10	500	N	100	<100	200	N	>2,000	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
			s	s	s	s	s	s	s	s	s	s
SB0561	64 52 10	162 33 30	1.5	2.00	5.00	>2.0	500	<1.0	N	N	1,000	300
SB0562	64 51 50	162 37 35	.7	2.00	5.00	>2.0	500	N	N	N	700	300
SB0563	64 50 55	162 37 45	1.0	7.00	7.00	>2.0	500	N	N	N	500	300
SB0564	64 49 15	162 35 40	1.5	10.00	5.00	>2.0	500	<1.0	N	N	500	500
SB0565	64 48 30	162 38 7	1.0	5.00	5.00	>2.0	500	N	N	N	200	200
SB0566	64 48 20	162 38 7	1.5	5.00	7.00	>2.0	500	<1.0	N	N	1,000	500
SB0567	64 49 0	162 39 0	1.0	1.00	5.00	>2.0	500	N	N	N	700	500
SB0568	64 47 5	162 37 45	1.0	7.00	7.00	>2.0	500	N	N	N	1,000	500
SB0569	64 47 20	162 33 15	1.0	10.00	10.00	>2.0	500	N	N	N	700	500
SB0570	64 47 30	162 33 15	1.0	3.00	7.00	2.0	500	N	N	N	1,000	500
SB0571	64 48 50	162 30 50	.7	5.00	7.00	2.0	500	N	N	N	500	500
SB0572	64 48 37	162 30 40	1.0	5.00	7.00	2.0	500	N	N	N	200	3,000
SB0573	64 46 30	162 40 50	.7	2.00	7.00	>2.0	300	N	N	N	100	300
SB0574	64 46 20	162 44 40	.7	1.00	5.00	>2.0	200	N	N	N	100	1,500
SB0575	64 46 25	162 45 25	.7	1.00	7.00	>2.0	500	N	N	N	100	500
SB0576	64 47 35	162 46 40	.7	.20	7.00	>2.0	300	N	N	N	20	300
SB0577	64 48 30	162 55 15	1.0	.50	5.00	>2.0	200	N	N	N	100	500
SB0578	64 49 22	162 58 5	1.0	1.50	5.00	>2.0	200	N	N	N	500	1,000
SB0579	64 49 35	162 58 15	1.5	1.50	5.00	>2.0	150	1.0	N	N	200	700
SB0580	64 51 35	162 59 10	1.0	1.00	5.00	>2.0	200	5.0	1,000	30	200	500
SB0581	64 51 20	163 2 37	1.0	.50	5.00	>2.0	150	1.0	N	N	200	500
SB0582	64 51 10	163 2 22	1.0	.50	5.00	>2.0	200	<1.0	N	N	200	300
SB0583	64 49 10	163 4 7	.7	.20	3.00	>2.0	150	<1.0	N	N	150	200
SB0584	64 45 45	163 6 0	1.0	.50	5.00	>2.0	150	2.0	N	N	100	1,000
SB0585	64 47 10	163 10 15	1.0	.20	5.00	>2.0	200	1.0	N	N	200	300
SB0586	64 54 37	163 8 37	1.0	.30	5.00	>2.0	150	<1.0	N	N	200	300
SB0587	64 55 35	162 59 40	1.0	.50	5.00	>2.0	200	N	N	N	100	300
SB0588	64 53 50	163 1 0	1.0	.50	7.00	>2.0	150	<1.0	N	N	200	500
SB0590	64 53 22	162 48 20	1.0	3.00	7.00	>2.0	300	N	N	N	500	700
SB0591	64 47 22	163 34 25	1.5	.30	7.00	>2.0	150	50.0	N	N	100	500
SB0592	64 48 15	163 38 0	1.5	.20	7.00	>2.0	200	<1.0	N	N	100	300
SB0593	65 24 25	162 59 45	1.5	1.50	5.00	>2.0	500	N	N	N	<20	150
SB0597	65 22 40	163 10 33	1.0	3.00	5.00	>2.0	500	N	N	N	<20	<50
SB0598	65 22 40	163 18 12	1.5	.10	5.00	>2.0	700	N	N	N	<20	200
SB0599	65 21 37	163 23 30	.7	.30	3.00	2.0	300	N	N	N	N	150
SB0600	65 23 50	163 28 1	1.0	3.00	5.00	1.5	700	N	N	N	200	200
SB0601	65 23 52	163 30 10	1.5	2.00	7.00	>2.0	500	<1.0	N	N	200	<50
SB0602	65 23 48	163 34 40	1.0	.70	7.00	>2.0	500	<1.0	N	N	50	<50
SB0603	65 27 10	163 40 52	1.5	2.00	7.00	>2.0	700	N	N	N	500	100
SB0604	65 23 59	163 40 3	1.5	.70	7.00	>2.0	500	<1.0	N	N	200	100
SB0605	65 22 40	163 44 52	1.5	1.50	2.00	>2.0	500	2.0	N	N	1,000	200
SB0606	65 21 32	163 43 42	1.5	2.00	3.00	>2.0	500	1.0	N	N	1,500	1,000
SB0607	65 21 0	163 41 58	2.0	2.00	2.00	>2.0	500	1.0	N	N	1,500	500
SB0608	65 20 45	163 40 15	2.0	2.00	3.00	>2.0	700	1.5	N	N	2,000	700
SB0609	65 20 5	163 38 31	2.0	2.00	3.00	>2.0	500	2.0	N	N	1,500	700

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0561	<2	30	N	<10	150	<10	70	<10	70	N	20
SB0562	<2	N	N	N	100	N	50	N	70	N	N
SB0563	<2	N	N	10	70	20	50	N	50	N	N
SB0564	2	N	N	10	100	N	150	N	70	N	N
SB0565	<2	50	N	<10	150	N	100	15	100	N	30
SB0566	<2	N	N	10	200	N	150	N	50	N	<20
SB0567	5	N	N	<10	100	N	150	N	50	N	20
SB0568	<2	<20	N	<10	150	N	150	10	70	N	<20
SB0569	<2	N	N	N	100	N	100	N	50	<10	20
SB0570	<2	70	N	N	100	<10	150	N	100	N	20
SB0571	5	20	N	N	70	<10	100	N	50	N	20
SB0572	N	30	N	N	50	<10	200	<10	100	N	20
SB0573	N	<20	N	N	70	N	500	20	150	N	20
SB0574	N	N	N	N	70	N	500	10	100	N	30
SB0575	N	<20	N	<10	100	N	200	30	150	N	30
SB0576	N	<20	N	N	150	N	300	50	100	N	30
SB0577	N	20	N	N	150	<10	200	15	70	N	150
SB0578	N	20	N	N	100	N	150	50	50	N	150
SB0579	<2	N	N	N	100	<10	<50	<10	50	N	100
SB0580	N	100	N	N	100	N	150	N	50	N	50
SB0581	N	N	N	N	100	<10	<50	N	70	N	50
SB0582	N	N	N	N	100	<10	50	N	70	N	100
SB0583	N	2,000	N	N	70	10	50	10	<50	N	70
SB0584	<2	200	N	N	100	N	70	<10	70	N	500
SB0585	N	N	N	N	100	<10	N	N	70	N	20
SB0586	N	N	N	N	100	N	<50	N	70	N	<20
SB0587	N	N	N	N	100	N	100	N	50	N	20
SB0588	N	N	N	N	100	<10	N	10	70	N	150
SB0590	5	<20	N	N	70	N	200	<10	70	N	<20
SB0591	N	N	N	N	100	<10	N	N	70	N	50
SB0592	N	N	N	N	100	N	N	N	70	N	20
SB0593	N	N	N	N	50	N	700	N	100	N	<20
SB0597	N	20	N	N	50	N	500	N	70	N	N
SB0598	N	N	N	N	20	N	500	10	100	N	50
SB0599	N	N	N	N	N	N	300	N	50	N	N
SB0600	2	N	N	N	50	N	300	N	100	N	<20
SB0601	N	N	N	N	300	N	500	N	100	N	N
SB0602	2	N	N	N	500	N	200	N	150	N	N
SB0603	2	N	N	N	300	N	300	N	150	30	N
SB0604	20	N	N	N	300	<10	200	N	150	N	N
SB0605	<2	N	N	10	700	N	100	N	500	N	N
SB0606	3	N	N	N	500	N	100	N	300	N	N
SB0607	N	N	N	10	700	10	200	N	500	N	N
SB0608	N	N	N	N	500	<10	150	N	500	N	N
SB0609	N	N	N	10	700	10	100	N	500	N	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0561	N	10	1,000	200	150	100	200	N	300	N
SB0562	N	N	50	200	100	N	200	N	700	N
SB0563	N	N	1,000	N	100	200	150	N	200	N
SB0564	N	15	70	N	100	<100	150	N	700	N
SB0565	N	10	1,000	<200	150	200	200	N	1,000	N
SB0566	N	15	200	N	100	<100	200	N	500	<200
SB0567	N	<10	200	<200	100	100	200	N	2,000	N
SB0568	N	<10	1,000	N	100	<100	200	N	>2,000	<200
SB0569	N	<10	30	N	100	N	150	N	2,000	N
SB0570	N	N	200	N	150	100	500	N	2,000	N
SB0571	N	N	150	N	150	<100	200	N	2,000	N
SB0572	N	N	70	N	150	100	300	N	>2,000	N
SB0573	N	10	100	200	150	N	500	N	>2,000	200
SB0574	N	10	100	200	200	N	200	N	>2,000	<200
SB0575	N	10	300	N	150	100	700	N	>2,000	<200
SB0576	N	10	500	N	100	200	500	N	>2,000	<200
SB0577	N	<10	200	<200	100	100	200	N	>2,000	<200
SB0578	N	<10	100	200	100	500	200	N	>2,000	N
SB0579	N	N	50	200	70	150	100	N	1,000	N
SB0580	N	<10	300	<200	150	100	150	N	2,000	N
SB0581	N	<10	30	N	70	200	100	N	500	N
SB0582	N	<10	50	200	100	500	100	N	700	N
SB0583	N	N	1,000	200	100	2,000	70	N	1,000	N
SB0584	300	N	70	500	70	1,500	150	N	300	N
SB0585	N	<10	30	N	70	100	200	N	100	N
SB0586	N	<10	30	N	70	100	150	N	100	N
SB0587	N	<10	50	N	100	100	200	N	2,000	N
SB0588	N	10	30	N	100	500	150	N	300	N
SB0590	N	<10	150	N	100	N	300	N	2,000	N
SB0591	N	15	30	<200	100	N	200	N	300	N
SB0592	N	10	20	200	100	N	100	N	150	N
SB0593	N	20	100	N	200	N	500	N	>2,000	200
SB0597	N	20	150	N	200	N	500	N	>2,000	<200
SB0598	N	30	200	N	200	N	500	N	>2,000	300
SB0599	N	20	50	N	100	N	500	N	>2,000	<200
SB0600	N	<10	200	N	100	200	300	N	>2,000	<200
SB0601	N	20	300	N	200	100	500	N	500	<200
SB0602	N	<10	200	N	300	100	500	N	300	N
SB0603	N	<10	200	N	200	<100	500	N	1,500	N
SB0604	N	<10	>2,000	N	200	200	500	N	700	N
SB0605	N	100	2,000	N	2,000	200	200	N	200	N
SB0606	N	70	1,000	N	1,000	200	200	N	300	N
SB0607	N	70	2,000	N	2,000	200	200	N	300	N
SB0608	N	50	300	N	1,500	150	300	N	200	N
SB0609	N	70	500	N	2,000	100	200	N	200	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB0610	65 20 10	163 38 13	1.0	2.00	10.00	>2.0	500	<1.0	N	N	500	<50
SB0611	65 18 35	163 40 12	1.5	1.50	2.00	>2.0	200	2.0	N	N	1,000	1,500
SB0614	65 55 7	164 15 15	1.0	.30	10.00	>2.0	200	N	N	N	100	2,000
SB0615	65 55 3	164 15 40	1.5	.30	5.00	>2.0	200	N	N	N	150	1,000
SB0618	65 58 10	164 28 25	3.0	.20	1.50	>2.0	1,000	N	N	N	200	2,000
SB0619	65 56 28	164 22 5	5.0	.10	1.50	2.0	300	N	500	N	100	1,500
SB0623	65 51 44	164 24 2	1.0	.15	20.00	2.0	200	<1.0	N	N	150	500
SB0624	65 52 16	164 19 13	1.5	.30	5.00	>2.0	200	N	N	N	100	100
SB0625	65 49 40	164 25 55	1.5	.20	7.00	2.0	300	N	N	N	100	300
SB0626	65 49 39	164 25 31	1.0	.15	10.00	2.0	200	N	N	N	100	300
SB0627	65 8 40	164 8 20	1.0	1.00	5.00	>2.0	300	N	N	N	200	50
SB0631	65 21 52	164 56 1	2.0	.30	7.00	>2.0	200	1.0	N	N	30	100
SB0633	65 24 20	164 58 3	2.0	.50	10.00	>2.0	300	<1.0	N	N	50	150
SB0634	65 24 15	164 58 35	2.0	.50	7.00	>2.0	300	N	N	N	50	<50
SB0635	65 28 8	164 51 28	.5	.20	5.00	2.0	150	N	N	N	50	500
SB0636	65 28 12	164 51 13	3.0	.30	10.00	>2.0	200	<1.0	N	N	100	1,000
SB0638	65 27 0	164 50 0	1.5	.15	10.00	>2.0	150	<1.0	N	N	150	1,000
SB0639	65 27 8	164 48 58	2.0	.20	7.00	>2.0	200	1.0	N	N	100	150
SB0640	65 25 31	164 49 57	2.0	.20	10.00	>2.0	300	N	3,000	N	100	7,000
SB0641	65 25 40	164 49 32	2.0	.20	7.00	>2.0	200	<1.0	10,000	N	100	500
SB0642	65 29 30	164 43 20	3.0	.20	10.00	>2.0	200	<1.0	N	N	150	200
SB0644	65 27 48	164 40 28	2.0	.50	7.00	>2.0	500	1.0	N	N	70	100
SB0645	65 25 29	164 41 28	3.0	.20	10.00	>2.0	300	<1.0	N	N	500	50
SB0646	65 43 44	164 1 33	1.5	.50	2.00	>2.0	150	1.0	N	N	150	200
SB0647	65 43 53	164 1 6	2.0	.70	2.00	>2.0	300	<1.0	N	N	700	150
SB0648	65 44 50	164 2 15	1.5	.50	3.00	>2.0	200	1.0	N	N	150	100
SB0649	65 42 3	164 8 20	1.5	.50	5.00	>2.0	300	1.0	N	N	50	50
SB0650	65 42 25	164 8 50	2.0	1.00	5.00	>2.0	200	1.0	N	N	100	300
SB0652	65 42 20	164 11 33	2.0	.70	3.00	>2.0	200	1.0	N	N	100	200
SB0653	65 41 53	164 13 10	1.5	.20	5.00	>2.0	150	<1.0	N	N	50	300
SB0655	65 41 13	164 14 33	5.0	.50	2.00	>2.0	300	2.0	N	N	100	700
SB0656	65 4 2	164 16 59	2.0	.30	5.00	>2.0	200	1.0	N	N	70	200
SB0657	65 37 57	164 17 13	5.0	.20	1.00	>2.0	150	<1.0	20,000	N	30	1,500
SB0659	65 38 20	164 12 58	1.5	.50	5.00	>2.0	150	<1.0	N	N	100	100
SB0660	65 37 59	164 12 47	7.0	.70	2.00	>2.0	500	1.0	N	N	100	2,000
SB0661	65 37 32	164 13 3	5.0	1.00	5.00	>2.0	150	1.5	N	N	100	150
SB0662	65 38 52	164 7 20	2.0	.50	5.00	>2.0	200	1.0	N	N	100	700
SB0663	65 39 53	164 7 40	2.0	.50	2.00	>2.0	150	1.0	N	N	70	100
SB0664	65 31 2	164 16 13	3.0	.50	2.00	>2.0	300	<1.0	N	N	500	700
SB0665	65 31 1	164 15 57	1.5	.50	3.00	>2.0	200	<1.0	N	N	1,000	700
SB0666	65 33 22	164 8 3	2.0	.50	3.00	>2.0	200	1.0	N	N	700	150
SB0667	65 36 12	164 6 42	2.0	.30	5.00	>2.0	100	1.0	N	N	200	100
SB0668	65 33 53	164 1 1	3.0	.70	3.00	>2.0	200	<1.0	N	N	300	300
SB0669	65 34 45	164 19 16	5.0	.50	5.00	>2.0	200	5.0	N	N	100	1,500
SB0670	65 32 13	164 19 18	3.0	.50	7.00	>2.0	200	<1.0	N	N	200	1,000

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0610	10	N	N	N	200	N	100	N	150	N	N
SB0611	30	N	N	N	500	<10	100	N	500	N	N
SB0614	<2	N	N	N	70	<10	N	N	100	N	N
SB0615	N	N	N	N	100	N	50	N	100	N	<20
SB0618	<2	N	N	20	70	10	150	N	100	30	30
SB0619	2	N	N	20	20	20	500	100	150	100	<20
SB0623	<2	N	N	N	70	<10	500	N	<50	20	700
SB0624	N	N	N	15	70	<10	1,000	N	100	30	50
SB0625	N	N	N	N	30	10	500	N	50	20	500
SB0626	N	N	N	N	50	20	500	N	<50	15	70
SB0627	7	N	N	N	200	N	300	N	100	N	20
SB0631	N	N	N	N	70	N	N	N	70	N	<20
SB0633	N	N	N	N	100	<10	N	N	70	N	N
SB0634	N	N	N	N	100	<10	N	N	50	15	<20
SB0635	N	N	N	N	30	<10	N	N	<50	10	N
SB0636	N	N	N	15	100	20	N	N	70	20	50
SB0638	N	N	N	<10	50	<10	100	N	70	N	30
SB0639	N	N	N	15	100	10	N	N	70	10	30
SB0640	N	N	N	10	100	10	300	N	50	20	70
SB0641	N	N	N	10	50	10	N	N	70	15	50
SB0642	N	N	N	<10	100	20	70	N	70	10	20
SB0644	N	N	N	50	100	10	N	N	100	20	20
SB0645	N	N	N	30	70	20	N	N	70	50	20
SB0646	N	N	N	15	200	N	70	N	150	N	<20
SB0647	N	N	N	15	100	<10	N	N	100	30	N
SB0648	N	N	N	15	100	N	N	N	100	N	<20
SB0649	N	N	N	<10	70	500	N	N	70	N	<20
SB0650	N	N	N	20	100	10	N	N	100	20	N
SB0652	N	N	N	30	100	20	100	N	100	50	<20
SB0653	N	N	N	20	70	10	N	10	100	30	N
SB0655	N	N	N	100	100	100	N	30	100	200	20
SB0656	N	N	N	30	100	15	N	<10	100	20	20
SB0657	N	N	N	100	30	20	300	10	100	150	<20
SB0659	N	N	N	10	200	<10	N	N	100	N	N
SB0660	N	N	N	100	150	100	500	30	100	150	30
SB0661	N	N	N	30	150	50	N	<10	100	100	<20
SB0662	N	N	N	20	150	30	200	N	100	20	20
SB0663	N	N	N	N	200	N	N	N	150	<10	N
SB0664	N	N	N	30	150	20	200	10	150	50	20
SB0665	30	N	N	N	150	N	200	N	100	N	N
SB0666	N	N	N	N	200	N	N	N	100	10	N
SB0667	N	N	N	10	100	N	N	N	100	10	20
SB0668	5	N	N	15	150	20	500	<10	100	20	N
SB0669	N	N	N	20	100	30	1,000	<10	100	50	100
SB0670	N	N	N	20	100	20	200	<10	150	30	50

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0610	N	<10	500	N	300	200	500	N	200	N
SB0611	N	70	150	N	1,500	150	200	N	300	N
SB0614	N	<10	700	<200	200	N	200	N	1,500	N
SB0615	N	10	1,000	<200	200	300	200	N	2,000	N
SB0618	N	10	>2,000	200	200	700	300	N	>2,000	N
SB0619	N	20	>2,000	N	100	500	500	N	>2,000	<200
SB0623	N	<10	>2,000	1,000	150	100	500	500	2,000	N
SB0624	N	15	1,000	200	200	150	300	N	>2,000	500
SB0625	N	<10	>2,000	300	200	150	300	N	>2,000	<200
SB0626	N	10	>2,000	500	200	100	300	<500	2,000	N
SB0627	N	20	20	<200	500	<100	500	N	>2,000	N
SB0631	N	10	30	200	200	N	100	N	500	N
SB0633	N	15	20	200	200	N	150	N	500	N
SB0634	N	20	30	200	200	N	50	N	500	N
SB0635	N	N	N	200	150	N	70	N	150	N
SB0636	200	10	50	500	200	100	200	N	700	N
SB0638	700	<10	30	500	200	N	300	N	1,500	N
SB0639	<200	<10	<20	300	300	N	100	N	300	N
SB0640	1,500	10	20	700	200	200	300	700	700	N
SB0641	<200	10	20	300	200	N	200	N	300	N
SB0642	N	<10	20	500	200	N	200	N	500	N
SB0644	N	20	N	200	150	N	100	N	300	N
SB0645	N	15	N	700	200	N	200	N	500	N
SB0646	N	15	20	<200	100	N	150	N	500	N
SB0647	N	20	N	N	100	N	1,500	N	500	N
SB0648	N	15	N	N	100	N	200	N	200	N
SB0649	N	10	N	<200	100	N	150	N	100	N
SB0650	N	15	<20	200	100	N	150	N	200	N
SB0652	N	15	N	200	100	N	200	N	200	N
SB0653	N	15	30	<200	70	N	300	N	200	N
SB0655	N	15	N	200	100	N	200	N	200	N
SB0656	N	20	50	N	100	N	500	N	300	N
SB0657	200	10	N	500	70	<100	200	N	>2,000	N
SB0659	200	20	50	N	150	N	300	N	500	N
SB0660	300	20	100	700	150	200	300	N	1,000	N
SB0661	N	15	20	N	100	N	300	N	300	N
SB0662	300	15	20	300	100	N	300	N	500	N
SB0663	N	10	20	N	150	100	150	N	500	N
SB0664	N	20	30	<200	150	N	200	N	500	N
SB0665	N	15	70	N	200	N	200	N	500	N
SB0666	N	15	30	N	100	N	200	N	300	N
SB0667	N	15	20	N	70	N	200	N	200	N
SB0668	N	15	20	N	100	200	500	N	500	N
SB0669	200	20	50	<200	150	100	300	N	700	N
SB0670	N	20	50	200	100	200	500	N	1,000	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB0671	65 33 51	164 25 15	2.0	.50	3.00	>2.0	200	1.0	N	N	150	700
SB0672	65 31 53	164 21 17	5.0	.30	3.00	>2.0	200	<1.0	N	N	100	1,500
SB0673	65 33 42	164 27 26	5.0	.50	1.50	>2.0	300	<1.0	N	N	150	1,500
SB0674	65 33 27	164 27 30	3.0	.50	3.00	>2.0	300	<1.0	N	N	150	1,000
SB0675	65 36 39	164 31 30	2.0	.20	5.00	>2.0	300	<1.0	N	N	100	700
SB0676	65 36 40	164 31 40	3.0	.30	2.00	>2.0	300	<1.0	N	N	100	3,000
SB0677	65 37 35	164 27 17	3.0	.50	1.50	>2.0	200	1.0	N	N	150	1,000
SB0678	65 37 40	164 27 1	5.0	.50	1.00	>2.0	500	1.0	N	N	150	700
SB0679	65 37 4	164 28 22	5.0	.20	2.00	>2.0	200	<1.0	N	N	150	10,000
SB0680	65 39 7	164 25 23	3.0	.30	3.00	>2.0	200	N	N	N	150	>10,000
SB0681	65 40 55	164 26 55	2.0	.20	1.50	>2.0	100	N	N	N	70	>10,000
SB0682	65 38 59	164 30 45	7.0	.20	3.00	>2.0	150	1.0	<500	N	100	>10,000
SB0683	64 57 50	164 38 12	3.0	.50	7.00	>2.0	500	1.0	N	N	100	1,000
SB0684	64 57 30	164 34 43	2.0	2.00	5.00	>2.0	500	<1.0	N	N	500	700
SB0685	64 55 50	164 37 1	3.0	1.00	7.00	>2.0	700	N	N	N	300	500
SB0687	64 55 27	164 32 0	2.0	.50	5.00	>2.0	500	1.5	N	N	300	500
SB0688	64 52 20	164 33 20	2.0	.50	5.00	>2.0	500	1.0	N	N	500	700
SB0689	64 52 7	164 36 12	3.0	.50	7.00	>2.0	500	1.5	N	N	200	1,500
SB0690	64 51 50	164 38 40	2.0	.30	10.00	>2.0	500	1.0	N	N	100	50
SB0691	64 48 40	164 30 5	2.0	.50	7.00	>2.0	500	1.0	N	N	100	1,500
SB0692	64 48 50	164 30 6	2.0	.30	7.00	>2.0	500	1.0	N	N	150	700
SB0693	64 49 20	164 31 45	2.0	.30	10.00	>2.0	300	1.0	N	N	100	100
SB0694	64 53 57	164 42 54	2.0	.30	7.00	>2.0	300	1.0	N	N	70	1,500
SB0695	64 53 52	164 42 55	2.0	.30	7.00	>2.0	500	1.0	N	N	70	1,500
SB0696	64 53 35	164 42 57	3.0	.50	7.00	>2.0	500	1.0	N	N	100	1,000
SB0697	64 53 35	164 42 27	5.0	.30	7.00	>2.0	300	1.0	N	N	150	5,000
SB0698	64 53 12	164 41 50	2.0	.50	7.00	>2.0	500	1.0	N	N	150	200
SB0699	64 53 7	164 39 14	3.0	1.00	7.00	>2.0	500	<1.0	N	N	300	10,000
SB0700	64 53 0	164 39 16	2.0	.30	10.00	>2.0	300	1.0	N	N	50	700
SB0701	64 51 45	164 46 29	2.0	.50	7.00	>2.0	300	1.0	N	N	150	500
SB0702	64 50 57	164 44 35	2.0	.50	7.00	>2.0	300	1.0	N	N	70	300
SB0703	64 48 50	164 47 0	2.0	.50	7.00	>2.0	300	<1.0	N	N	100	300
SB0704	64 54 29	164 51 30	2.0	.70	7.00	>2.0	300	1.0	N	N	50	1,000
SB0705	64 54 10	164 51 0	2.0	.70	7.00	>2.0	500	1.0	N	N	100	100
SB0706	64 54 37	164 55 5	1.5	2.00	3.00	>2.0	200	N	N	N	150	1,000
SB0707	64 54 50	164 48 47	1.5	.50	5.00	>2.0	200	1.0	N	N	50	150
SB0708	64 55 7	164 43 14	2.0	.30	7.00	>2.0	200	1.0	N	N	50	150
SB0709	64 54 52	164 41 15	1.5	1.00	7.00	>2.0	150	<1.0	N	N	500	500
SB0710	64 56 40	164 40 56	1.5	.20	7.00	>2.0	200	1.0	N	N	50	5,000
SB0711	64 48 0	164 39 53	2.0	.30	7.00	>2.0	200	1.0	N	N	70	50
SB0712	64 47 38	164 38 48	2.0	.20	7.00	>2.0	200	1.0	N	N	70	50
SB0713	64 47 48	164 37 55	2.0	.50	7.00	>2.0	300	1.0	N	N	100	<50
SB0714	64 45 52	164 35 58	2.0	.20	7.00	>2.0	200	1.0	N	N	100	50
SB0715	64 45 37	164 32 22	2.0	.30	10.00	>2.0	300	1.0	N	N	70	70
SB0716	64 43 50	164 32 37	2.0	.30	10.00	>2.0	200	1.0	N	N	100	50

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0671	N	N	N	10	100	<10	N	N	150	15	20
SB0672	N	N	N	30	70	50	1,000	N	100	70	30
SB0673	N	N	N	50	70	700	N	10	100	100	30
SB0674	<2	N	N	20	100	20	150	N	100	50	30
SB0675	<2	N	N	20	70	200	500	N	50	50	20
SB0676	N	N	N	20	100	100	150	N	100	50	30
SB0677	N	N	N	30	100	70	N	<10	150	50	20
SB0678	<2	N	N	50	70	500	N	<10	100	50	50
SB0679	<2	N	N	50	150	70	N	N	100	70	20
SB0680	N	N	N	50	100	50	200	N	150	50	30
SB0681	N	N	N	<10	30	15	N	N	70	20	N
SB0682	N	N	N	200	50	70	300	N	70	50	50
SB0683	N	N	N	15	70	10	N	N	100	10	20
SB0684	N	N	N	10	100	<10	100	N	70	10	<20
SB0685	<2	N	N	<10	100	20	500	N	200	<10	30
SB0687	N	N	N	20	100	15	200	N	100	30	30
SB0688	<2	N	N	20	150	100	N	N	100	15	30
SB0689	N	N	N	30	100	70	N	10	100	100	30
SB0690	N	N	N	15	70	<10	N	N	70	10	20
SB0691	N	N	N	10	70	<10	N	N	70	10	20
SB0692	N	N	N	15	70	<10	100	N	50	10	20
SB0693	N	N	N	15	70	N	200	N	70	<10	20
SB0694	N	N	N	15	70	<10	N	N	70	10	<20
SB0695	N	N	N	20	70	<10	N	N	100	20	<20
SB0696	N	N	N	20	100	20	100	N	150	30	30
SB0697	N	N	N	50	100	100	100	N	70	50	50
SB0698	N	N	N	10	100	15	N	N	100	20	20
SB0699	<2	N	N	50	70	20	300	N	100	70	200
SB0700	N	N	N	20	70	15	N	N	50	20	30
SB0701	N	N	N	20	100	20	70	N	100	30	50
SB0702	N	N	N	20	70	10	N	N	70	N	50
SB0703	N	N	N	15	50	15	N	N	100	N	30
SB0704	N	N	N	10	70	10	N	N	50	N	20
SB0705	N	N	N	10	70	20	N	N	50	N	50
SB0706	2	N	N	<10	100	10	100	N	50	20	20
SB0707	N	N	N	15	50	<10	N	N	70	N	20
SB0708	N	N	N	10	50	<10	N	N	50	N	20
SB0709	<2	N	N	30	100	20	100	N	50	50	<20
SB0710	N	N	N	10	50	10	N	N	70	N	20
SB0711	N	N	N	10	70	<10	N	N	50	N	30
SB0712	N	N	N	15	50	15	N	N	150	N	20
SB0713	N	N	N	15	70	<10	N	N	50	N	20
SB0714	N	N	N	10	50	<10	N	N	200	N	<20
SB0715	2	N	N	10	70	15	N	N	100	N	30
SB0716	N	N	N	15	50	10	N	N	100	N	20

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0671	N	15	30	200	100	N	200	N	500	N
SB0672	N	15	30	<200	100	N	300	N	1,000	<200
SB0673	N	20	<20	N	100	N	300	N	300	N
SB0674	N	20	20	200	150	N	200	N	200	N
SB0675	500	15	N	500	100	N	300	N	300	N
SB0676	N	15	<20	200	100	N	200	N	200	N
SB0677	N	15	20	N	150	N	200	N	200	N
SB0678	N	20	30	<200	100	N	200	N	300	N
SB0679	N	15	<20	300	150	100	200	7,000	500	N
SB0680	N	15	50	1,000	150	N	500	3,000	700	N
SB0681	N	10	N	1,500	100	N	100	500	200	N
SB0682	N	10	N	500	100	N	300	1,000	500	N
SB0683	N	<10	N	N	200	N	300	N	500	N
SB0684	N	10	30	<200	200	N	150	N	1,000	N
SB0685	300	10	1,000	300	150	<100	200	N	2,000	200
SB0687	N	15	30	200	100	N	200	N	500	N
SB0688	N	20	30	200	100	N	300	N	500	N
SB0689	N	10	20	200	100	N	200	N	200	N
SB0690	N	10	<20	200	200	N	200	N	300	N
SB0691	N	10	N	200	150	N	150	N	200	N
SB0692	N	10	<20	<200	200	N	200	N	200	N
SB0693	N	<10	<20	200	200	N	200	N	500	N
SB0694	N	<10	N	200	200	N	100	N	200	N
SB0695	N	<10	N	200	200	N	100	N	200	N
SB0696	N	10	30	200	100	N	200	N	200	N
SB0697	N	<10	20	200	150	N	200	N	500	N
SB0698	N	<10	20	<200	200	N	200	N	300	N
SB0699	N	15	30	300	100	N	300	N	200	N
SB0700	N	10	N	<200	200	N	100	N	150	N
SB0701	N	15	<20	200	100	N	200	N	200	N
SB0702	N	15	<20	<200	100	N	200	N	200	N
SB0703	N	10	<20	200	100	<100	200	N	200	N
SB0704	N	15	N	200	150	<100	150	N	200	N
SB0705	N	15	N	200	150	N	100	N	200	N
SB0706	N	10	150	200	100	100	100	N	1,500	N
SB0707	N	15	100	<200	150	N	100	N	200	N
SB0708	200	10	N	200	200	N	100	N	300	N
SB0709	N	10	N	200	100	N	150	N	200	N
SB0710	N	10	<20	200	150	N	150	N	300	N
SB0711	N	10	N	200	150	<100	100	N	200	N
SB0712	N	10	N	<200	100	100	200	N	300	N
SB0713	N	15	N	<200	200	N	100	N	200	N
SB0714	N	10	<20	N	100	100	200	N	200	N
SB0715	N	10	<20	<200	150	N	200	N	200	N
SB0716	N	10	<20	200	150	100	200	N	200	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
			s	s	s	s	s	s	s	s	s	s
SB0717	64 43 58	164 37 45	2.0	.50	10.00	>2.0	300	1.0	N	N	100	50
SB0718	64 41 59	164 35 22	2.0	.30	10.00	>2.0	300	<1.0	N	N	50	50
SB0719	64 41 52	164 36 30	2.0	.50	10.00	>2.0	300	<1.0	N	N	50	50
SB0720	64 41 25	164 36 37	2.0	.50	10.00	>2.0	200	<1.0	N	N	70	50
SB0721	64 38 17	164 31 57	1.5	.20	10.00	>2.0	200	<1.0	N	N	100	50
SB0722	64 38 55	164 34 40	2.0	.30	10.00	>2.0	200	<1.0	N	N	100	50
SB0723	64 37 7	164 35 56	2.0	.30	10.00	>2.0	300	<1.0	N	N	100	<50
SB0724	64 36 53	164 39 59	2.0	.20	7.00	>2.0	200	1.0	N	N	50	70
SB0725	64 38 52	164 39 35	2.0	.30	10.00	>2.0	200	<1.0	N	N	50	<50
SB0726	64 37 25	164 45 58	2.0	.20	10.00	>2.0	200	<1.0	N	N	70	N
SB0727	64 38 38	164 43 7	2.0	.20	10.00	>2.0	200	<1.0	N	N	50	<50
SB0728	64 38 23	164 48 59	1.5	.20	15.00	>2.0	200	N	N	N	50	<50
SB0729	64 37 20	164 55 0	2.0	.70	10.00	>2.0	200	N	N	N	150	70
SB0730	64 40 33	164 42 25	2.0	.20	15.00	>2.0	300	N	N	N	100	50
SB0731	64 40 23	164 41 50	1.5	.20	10.00	>2.0	200	1.0	N	N	70	50
SB0732	64 41 10	164 47 47	2.0	.20	15.00	>2.0	200	<1.0	N	N	70	<50
SB0733	64 41 25	164 52 50	2.0	.50	7.00	>2.0	200	<1.0	N	N	150	<50
SB0734	64 40 56	164 54 28	3.0	.50	10.00	>2.0	300	N	N	N	200	<50
SB0735	64 42 5	164 54 55	2.0	1.00	10.00	>2.0	200	<1.0	N	N	50	50
SB0736	64 44 30	164 55 58	1.5	.50	10.00	>2.0	200	<1.0	N	N	100	70
SB0737	64 46 5	164 58 43	3.0	.70	10.00	>2.0	150	<1.0	N	N	100	50
SB0738	64 47 35	164 54 13	5.0	.50	7.00	>2.0	200	<1.0	N	N	150	50
SB0739	64 47 37	164 51 7	5.0	.70	10.00	>2.0	500	1.0	N	N	100	300
SB0740	64 47 4	164 50 43	5.0	.50	10.00	>2.0	200	1.0	N	N	150	100
SB0741	64 45 44	164 46 0	3.0	.50	10.00	>2.0	300	<1.0	N	N	200	70
SB0742	64 45 52	164 45 30	3.0	.50	10.00	>2.0	200	<1.0	N	N	150	150
SB0743	64 45 7	164 44 30	3.0	.70	7.00	>2.0	300	<1.0	N	N	150	100
SB0744	64 44 38	164 47 7	3.0	.50	10.00	>2.0	200	<1.0	N	N	150	100
SB0745	64 43 40	164 44 22	2.0	.70	7.00	>2.0	200	<1.0	N	N	200	100
SB0746	64 34 14	164 40 13	10.0	.50	3.00	>2.0	200	3.0	>20,000	<20	500	100
SB0747	64 34 13	164 38 56	2.0	.30	7.00	>2.0	500	<1.0	500	N	200	100
SB0748	64 35 12	163 32 22	1.5	1.00	7.00	>2.0	200	N	N	N	700	100
SB0749	64 35 23	163 34 30	2.0	.50	5.00	>2.0	150	<1.0	N	N	500	150
SB0750	64 36 7	163 35 30	2.0	.50	7.00	>2.0	150	<1.0	N	N	500	100
SB0751	64 36 44	163 36 23	2.0	.50	7.00	>2.0	200	<1.0	N	N	500	150
SB0752	64 38 0	163 39 22	3.0	.50	5.00	>2.0	200	N	N	N	500	200
SB0753	64 38 43	163 39 23	3.0	.50	5.00	>2.0	150	<1.0	N	N	200	200
SB0754	64 39 4	163 39 44	5.0	.70	5.00	>2.0	200	1.5	N	N	300	500
SB0755	64 40 42	163 43 15	3.0	.50	5.00	>2.0	300	<1.0	N	N	300	500
SB0756	64 40 58	163 44 59	2.0	.50	7.00	>2.0	200	<1.0	N	N	200	300
SB0757	64 40 28	163 15 18	2.0	.30	7.00	>2.0	100	<1.0	N	N	300	500
SB0758	64 42 38	163 44 20	2.0	.30	7.00	>2.0	300	<1.0	N	N	200	50
SB0759	64 42 53	163 42 59	2.0	.50	10.00	>2.0	300	1.0	N	N	100	50
SB0760	64 43 38	163 39 30	3.0	.70	10.00	>2.0	200	<1.0	N	N	150	700
SB0761	64 52 20	163 34 30	2.0	.50	7.00	>2.0	200	<1.0	N	N	200	100

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S
SB0717	N	N	N	<10	70	10	N	N	150	<10	20
SB0718	N	N	N	10	70	<10	N	N	100	<10	<20
SB0719	N	N	N	10	50	10	N	N	100	<10	20
SB0720	N	N	N	<10	100	10	N	N	70	<10	<20
SB0721	N	N	N	N	70	<10	N	N	100	N	20
SB0722	N	N	N	N	70	10	N	N	100	N	20
SB0723	N	N	N	N	100	<10	N	N	100	N	30
SB0724	N	N	N	N	70	N	N	<10	100	N	20
SB0725	N	N	N	10	50	10	N	N	100	N	20
SB0726	N	N	N	N	70	<10	N	N	70	N	<20
SB0727	N	N	N	N	70	10	N	N	100	N	20
SB0728	N	N	N	N	50	<10	50	N	50	N	N
SB0729	N	N	N	N	70	N	<50	N	70	N	<20
SB0730	N	N	N	N	100	15	50	N	<50	N	50
SB0731	N	N	N	N	100	10	<50	N	70	<10	<20
SB0732	N	N	N	50	70	15	N	N	100	N	30
SB0733	N	N	N	20	70	20	N	N	100	N	N
SB0734	N	N	N	20	100	<10	70	N	70	N	100
SB0735	N	N	N	15	70	N	N	N	100	<10	<20
SB0736	N	N	N	N	70	N	N	N	100	N	<20
SB0737	N	N	N	50	200	20	N	N	150	50	20
SB0738	N	N	N	70	70	50	N	N	150	70	<20
SB0739	N	N	N	20	70	20	N	<10	150	50	100
SB0740	N	N	N	100	100	50	<50	N	150	70	30
SB0741	N	N	N	30	100	20	100	N	150	30	20
SB0742	N	N	N	50	70	30	<50	N	150	20	70
SB0743	N	N	N	30	100	20	<50	N	200	30	30
SB0744	N	N	N	50	100	15	50	N	70	20	20
SB0745	N	N	N	N	100	150	50	N	150	N	<20
SB0746	<2	N	N	150	150	<10	500	N	100	200	300
SB0747	N	N	N	N	200	<10	100	N	100	10	100
SB0748	N	N	N	N	150	N	200	N	150	N	30
SB0749	N	N	N	N	150	N	<50	N	100	N	20
SB0750	N	N	N	N	150	N	50	N	100	N	50
SB0751	N	N	N	N	150	<10	N	N	100	20	70
SB0752	N	N	N	N	150	<10	50	N	100	20	70
SB0753	N	N	N	N	200	N	N	N	150	15	50
SB0754	N	N	N	20	200	500	70	N	100	70	50
SB0755	<2	N	N	<10	150	<10	70	N	100	15	30
SB0756	N	N	N	N	200	<10	70	N	100	20	70
SB0757	<2	N	N	N	150	<10	100	N	100	<10	70
SB0758	N	N	N	N	70	N	N	N	100	<10	20
SB0759	N	N	N	N	70	N	N	N	150	<10	30
SB0760	N	N	N	N	100	300	N	N	150	20	<20
SB0761	N	N	N	N	150	<10	N	N	100	15	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0717	N	10	<20	N	150	N	300	N	200	N
SB0718	N	10	N	<200	150	N	200	N	300	N
SB0719	N	10	N	200	150	N	300	N	300	N
SB0720	N	10	N	200	100	N	200	N	200	N
SB0721	N	<10	N	200	150	100	200	N	1,000	N
SB0722	N	10	<20	200	150	N	200	N	300	N
SB0723	N	20	N	200	200	N	200	N	300	N
SB0724	N	15	N	<200	200	N	150	N	500	N
SB0725	N	10	N	500	200	N	150	N	500	N
SB0726	N	10	N	200	150	150	150	N	1,000	N
SB0727	N	10	N	200	100	N	150	N	1,000	N
SB0728	N	<10	N	300	100	<100	150	N	700	N
SB0729	N	<10	N	200	150	N	150	N	500	N
SB0730	N	20	N	300	100	N	150	N	2,000	N
SB0731	N	15	N	200	100	N	200	N	200	N
SB0732	N	10	<20	200	100	<100	200	N	500	N
SB0733	N	15	N	500	150	300	200	N	1,000	N
SB0734	N	20	N	500	200	N	200	N	1,000	N
SB0735	N	10	N	200	200	100	150	N	200	N
SB0736	N	<10	<20	<200	150	N	200	N	200	N
SB0737	N	<10	<20	200	150	150	200	N	700	N
SB0738	N	N	<20	200	150	N	150	N	200	N
SB0739	N	15	50	200	200	N	300	N	300	N
SB0740	N	15	20	300	200	N	200	N	200	N
SB0741	N	15	<20	200	200	N	200	N	300	N
SB0742	N	10	20	300	200	N	300	N	300	N
SB0743	N	15	<20	200	200	N	200	N	200	N
SB0744	N	15	20	300	200	100	200	N	500	N
SB0745	N	15	<20	200	200	N	150	N	200	N
SB0746	300	20	150	200	300	2,000	300	N	>2,000	N
SB0747	N	30	500	500	200	100	200	N	700	N
SB0748	N	30	70	300	300	N	300	N	>2,000	N
SB0749	N	20	30	300	200	N	200	N	500	N
SB0750	N	30	50	700	300	N	200	N	500	N
SB0751	300	20	N	300	200	200	500	N	300	N
SB0752	N	30	N	200	300	200	300	N	700	N
SB0753	N	20	N	200	200	500	500	N	500	N
SB0754	N	20	20	200	200	300	500	N	500	N
SB0755	N	30	N	300	200	N	300	N	500	N
SB0756	N	20	20	500	300	1,000	500	N	500	N
SB0757	N	30	N	700	200	200	300	N	1,000	N
SB0758	N	10	N	<200	200	N	150	N	500	N
SB0759	N	15	N	<200	200	N	200	N	500	N
SB0760	N	15	N	N	200	N	500	N	200	N
SB0761	N	15	N	N	200	N	500	N	300	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB0762	64 51 23	163 32 25	2.0	.50	5.00	>2.0	200	<1.0	N	N	300	700
SB0763	64 45 55	163 36 30	2.0	.50	7.00	>2.0	300	1.0	N	N	150	100
SB0764	64 46 23	163 42 13	1.5	.30	10.00	>2.0	150	N	N	N	300	150
SB0766	64 56 39	164 13 23	3.0	.30	7.00	>2.0	300	<1.0	N	N	100	100
SB0767	64 57 38	164 13 57	5.0	1.00	5.00	>2.0	500	<1.0	N	N	200	700
SB0768	64 57 20	164 13 0	3.0	.50	5.00	>2.0	150	N	N	N	200	500
SB0770	65 38 5	164 34 55	.7	.50	10.00	2.0	200	<1.0	N	N	50	70
SB0771	65 36 45	164 34 50	1.5	.20	10.00	>2.0	300	1.0	N	N	100	10,000
SB0772	65 36 20	164 37 35	1.0	.30	15.00	2.0	200	N	N	N	200	1,000
SB0774	65 36 1	164 39 40	5.0	.20	10.00	2.0	200	N	N	N	70	150
SB0775	65 36 7	164 41 35	1.0	.20	7.00	2.0	200	N	N	N	150	3,000
SB0776	65 36 51	164 46 50	2.0	.30	10.00	>2.0	200	<1.0	N	N	70	150
SB0778	65 37 58	164 48 31	3.0	.20	10.00	>2.0	150	<1.0	N	N	50	1,500
SB0779	65 41 7	164 48 59	1.0	.30	10.00	>2.0	150	N	N	N	500	1,000
SB0781	65 41 39	164 44 49	.7	.15	10.00	>2.0	200	N	N	N	70	2,000
SB0782	65 41 30	164 44 20	.5	.15	10.00	>2.0	150	N	N	N	70	3,000
SB0783	65 41 35	164 40 37	1.5	.20	10.00	>2.0	200	N	N	N	150	1,500
SB0784	65 41 10	164 40 35	1.0	.15	15.00	2.0	200	N	N	N	100	3,000
SB0786	65 41 44	164 34 58	5.0	.50	7.00	>2.0	300	<1.0	N	N	100	1,000
SB0788	65 43 44	164 31 32	2.0	.50	10.00	>2.0	300	N	N	N	100	2,000
SB0789	65 44 13	164 46 3	1.0	.20	15.00	2.0	200	N	N	N	100	3,000
SB0790	65 44 50	164 43 17	7.0	.10	10.00	2.0	150	N	N	N	70	5,000
SB0791	65 45 20	164 47 10	1.5	.10	3.00	>2.0	150	N	N	N	20	5,000
SB0792	65 45 30	164 46 44	1.5	.10	5.00	2.0	150	N	N	N	50	1,000
SB0794	65 44 36	164 50 30	2.0	.15	.70	>2.0	200	50.0	N	200	100	>10,000
SB0796	65 43 22	164 59 25	1.0	.10	10.00	>2.0	300	<1.0	N	<20	70	300
SB0797	65 42 20	164 59 31	2.0	.20	10.00	>2.0	300	<1.0	N	N	100	500
SB0798	65 38 35	164 54 45	2.0	.20	10.00	>2.0	200	<1.0	N	N	50	500
SB0799	65 36 9	164 51 22	2.0	.20	10.00	>2.0	200	<1.0	N	N	50	150
SB0800	65 30 22	164 33 28	1.0	.07	10.00	1.5	100	10.0	N	N	30	<50
SB0802	65 31 0	164 41 55	1.5	.15	10.00	>2.0	200	<1.0	N	N	70	<50
SB0803	65 33 55	164 48 54	2.0	.30	10.00	>2.0	200	1.0	N	N	20	<50
SB0804	65 32 54	164 43 44	2.0	.20	10.00	>2.0	300	<1.0	N	N	50	100
SB0805	65 33 55	164 49 20	2.0	.20	10.00	>2.0	300	<1.0	N	N	50	1,000
SB0806	65 33 10	164 53 40	2.0	.20	7.00	>2.0	500	<1.0	N	N	100	200
SB0807	65 30 37	164 55 5	7.0	.15	10.00	>2.0	300	<1.0	N	N	150	2,000
SB0808	65 30 44	164 55 14	2.0	.20	10.00	>2.0	300	<1.0	N	N	100	2,000
SB0809	65 32 27	164 54 31	2.0	.20	7.00	>2.0	300	<1.0	N	N	50	700
SB0810	65 33 22	164 59 35	1.5	.20	10.00	>2.0	200	<1.0	N	N	100	100
SB0811	65 35 59	164 59 32	1.5	.30	10.00	>2.0	300	1.5	N	N	100	150
SB0812	65 46 36	164 43 7	1.5	.20	10.00	>2.0	200	N	N	N	200	200
SB0813	65 46 46	164 43 0	10.0	.15	5.00	1.5	200	3.0	N	30	70	150
SB0831	65 58 40	164 42 18	.7	.10	.50	>2.0	300	N	N	N	200	500
SB0832	65 58 35	164 42 20	.5	.05	.50	>2.0	50	N	N	<20	100	100
SB0833	65 59 33	164 31 58	1.5	.15	1.00	>2.0	200	N	N	N	200	500

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0762	<2	N	N	N	150	<10	100	N	100	30	100
SB0763	N	N	N	<10	100	<10	N	N	100	10	20
SB0764	<2	N	N	N	100	<10	150	N	100	N	20
SB0766	N	N	N	<10	70	<10	N	N	150	N	30
SB0767	<2	N	N	20	300	30	200	N	100	50	70
SB0768	2	N	N	N	200	10	100	N	100	20	20
SB0770	N	N	N	N	50	N	N	N	<50	N	<20
SB0771	N	N	N	<10	70	<10	300	N	100	<10	200
SB0772	2	N	N	N	100	<10	300	N	<50	10	20
SB0774	<2	N	N	20	50	20	300	N	<50	30	70
SB0775	<2	N	N	<10	50	10	150	N	50	10	30
SB0776	N	N	N	10	50	<10	70	N	70	<10	30
SB0778	<2	N	N	30	50	20	100	N	50	50	70
SB0779	<2	N	N	N	100	<10	200	N	100	N	100
SB0781	N	N	N	N	70	<10	200	N	70	N	30
SB0782	<2	N	N	N	50	N	100	N	70	N	30
SB0783	<2	N	N	10	70	10	1,500	N	50	10	20
SB0784	<2	N	N	10	50	10	150	N	<50	<10	30
SB0786	<2	N	N	20	100	20	200	N	70	50	20
SB0788	<2	N	N	20	70	10	300	N	50	10	30
SB0789	<2	N	N	N	70	<10	300	N	50	N	30
SB0790	N	N	N	30	30	20	300	N	50	50	30
SB0791	<2	N	N	<10	50	<10	100	N	70	N	<20
SB0792	N	N	N	N	20	N	150	N	50	N	<20
SB0794	<2	N	N	30	70	30	200	N	100	20	70
SB0796	<2	N	N	N	70	<10	200	N	50	N	50
SB0797	N	N	N	10	100	<10	70	N	70	N	50
SB0798	N	N	N	15	70	<10	N	N	70	<10	20
SB0799	N	N	N	<10	50	<10	N	N	70	N	<20
SB0800	N	30	N	N	20	N	500	N	<50	N	700
SB0802	N	N	N	<10	30	N	N	N	70	N	20
SB0803	N	N	N	N	70	<10	N	N	50	<10	<20
SB0804	N	N	N	N	50	<10	N	N	50	<10	150
SB0805	N	N	N	<10	70	<10	N	N	70	N	150
SB0806	N	N	N	N	50	N	N	N	50	<10	50
SB0807	N	N	N	20	50	20	N	N	150	30	500
SB0808	N	N	N	N	70	<10	N	N	70	10	70
SB0809	N	N	N	N	50	<10	N	N	70	<10	30
SB0810	N	N	N	N	70	N	N	N	100	N	50
SB0811	N	N	N	<10	150	<10	N	N	100	N	20
SB0812	<2	N	N	N	50	N	N	N	50	N	50
SB0813	N	N	N	50	20	20	200	N	<50	15	50
SB0831	2	N	N	N	50	<10	100	N	50	N	50
SB0832	2	N	N	N	30	N	N	N	100	N	<20
SB0833	<2	N	N	<10	100	N	150	N	100	N	30

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0762	N	30	<20	500	200	200	300	N	500	N
SB0763	N	10	N	200	200	N	200	N	500	N
SB0764	N	10	N	300	200	N	500	N	1,000	N
SB0766	N	20	N	<200	200	N	500	N	1,000	N
SB0767	N	30	30	200	300	N	500	N	700	N
SB0768	N	15	N	300	200	N	300	N	500	N
SB0770	N	N	500	500	70	300	200	N	700	N
SB0771	N	N	20	1,000	100	150	500	N	1,500	N
SB0772	N	10	N	1,000	100	N	500	N	500	N
SB0774	N	<10	N	1,000	50	N	500	N	500	N
SB0775	N	N	N	700	100	N	200	N	2,000	N
SB0776	N	10	20	500	300	N	150	N	300	N
SB0778	N	N	<20	1,000	200	N	300	N	700	N
SB0779	N	15	20	700	200	N	300	N	>2,000	N
SB0781	N	10	<20	1,000	150	N	700	N	>2,000	N
SB0782	N	<10	<20	1,000	150	N	500	N	2,000	N
SB0783	N	20	<20	700	100	N	500	N	>2,000	<200
SB0784	N	<10	N	1,000	100	N	500	N	2,000	N
SB0786	N	10	<20	500	150	N	300	N	500	N
SB0788	N	<10	20	500	100	N	300	N	500	N
SB0789	N	<10	N	500	100	N	500	N	>2,000	N
SB0790	N	N	N	700	70	N	300	N	2,000	N
SB0791	N	N	N	700	100	300	200	N	>2,000	N
SB0792	N	N	N	200	70	N	200	N	2,000	N
SB0794	N	20	N	1,500	200	<100	200	N	>2,000	N
SB0796	200	<10	N	1,000	150	300	500	N	1,000	N
SB0797	N	10	N	700	200	N	200	N	1,000	N
SB0798	N	<10	N	700	200	N	150	N	300	N
SB0799	N	<10	<20	500	200	N	100	N	500	N
SB0800	N	<10	N	500	70	200	500	N	>2,000	N
SB0802	N	N	N	700	200	N	200	N	1,000	N
SB0803	N	<10	N	500	200	N	100	N	500	N
SB0804	N	<10	N	300	200	N	150	N	500	N
SB0805	N	10	N	500	200	N	150	N	500	N
SB0806	N	<10	N	500	200	N	100	N	500	N
SB0807	N	<10	<20	500	200	N	100	N	300	N
SB0808	N	<10	<20	300	200	N	150	N	300	N
SB0809	N	N	<20	300	200	N	100	N	200	N
SB0810	N	10	20	500	200	N	300	N	500	N
SB0811	N	10	<20	500	200	N	300	N	500	N
SB0812	N	<10	N	500	150	150	300	N	>2,000	N
SB0813	N	N	N	300	100	N	200	N	1,000	N
SB0831	N	<10	>2,000	N	100	200	500	N	>2,000	<200
SB0832	N	50	>2,000	N	100	700	700	N	>2,000	200
SB0833	N	30	2,000	<200	150	100	200	N	>2,000	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB0834	65 59 49	164 32 33	1.0	.15	1.00	>2.0	150	N	N	N	200	700
SB0835	65 45 12	163 36 2	1.0	.50	5.00	>2.0	300	<1.0	N	N	70	<50
SB0838	65 49 25	163 32 25	1.5	.50	5.00	>2.0	200	<1.0	N	N	100	2,000
SB0840	65 49 17	163 39 17	1.5	.20	3.00	>2.0	70	5.0	N	N	100	7,000
SB0841	65 50 29	163 43 29	2.0	.20	1.50	>2.0	200	N	N	N	50	150
SB0842	65 46 49	163 45 43	3.0	1.00	2.00	>2.0	200	N	700	N	100	700
SB0843	65 46 57	163 45 25	1.5	.30	1.00	>2.0	150	N	N	N	70	3,000
SB0845	65 47 36	163 48 13	1.5	.20	5.00	>2.0	150	<1.0	N	N	50	1,000
SB0860	64 58 50	164 28 0	1.5	2.00	5.00	>2.0	500	70.0	N	500	300	<50
SB0861	64 57 55	164 21 20	2.0	1.50	5.00	>2.0	200	1.5	N	N	500	100
SB0863	64 57 0	164 18 32	3.0	.70	5.00	>2.0	200	<1.0	N	N	500	500
SB0864	64 56 25	164 25 10	5.0	.20	5.00	>2.0	1,000	1.0	N	N	200	10,000
SB0865	64 55 52	164 27 21	2.0	1.50	7.00	>2.0	500	1.5	N	N	300	700
SB0866	64 54 45	164 30 15	2.0	.50	7.00	>2.0	200	3.0	N	50	200	200
SB0867	64 51 52	164 27 52	1.5	.30	10.00	>2.0	300	1.0	N	<20	150	200
SB0868	64 51 43	164 28 10	2.0	.50	7.00	>2.0	300	<1.0	N	N	500	700
SB0869	64 51 22	164 25 55	3.0	.50	10.00	>2.0	300	<1.0	N	N	200	200
SB0870	64 51 22	164 24 52	2.0	.50	10.00	>2.0	500	7.0	N	30	300	700
SB0871	64 52 50	164 25 28	3.0	.50	15.00	>2.0	500	2.0	N	<20	200	200
SB0872	64 49 37	164 20 15	3.0	.50	10.00	>2.0	500	1.0	N	N	200	500
SB0873	64 49 25	164 19 30	3.0	.50	10.00	>2.0	700	<1.0	N	N	150	200
SB0874	64 49 1	164 23 58	2.0	.30	10.00	>2.0	500	1.0	N	N	150	300
SB0875	64 48 50	164 24 37	3.0	.50	10.00	>2.0	300	1.0	1,000	N	200	300
SB0876	64 49 10	164 27 7	3.0	.70	10.00	>2.0	500	<1.0	N	N	200	1,000
SB0877	64 49 10	164 28 55	3.0	.70	10.00	>2.0	500	1.0	N	N	1,000	300
SB0878	64 48 58	164 28 58	2.0	.50	10.00	>2.0	500	1.0	N	N	150	500
SB0879	64 48 55	164 28 25	2.0	.50	10.00	>2.0	300	<1.0	N	N	500	700
SB0880	64 48 13	164 19 44	5.0	.70	10.00	>2.0	500	1.5	N	N	150	1,000
SB0881	64 47 59	164 15 20	3.0	.50	10.00	>2.0	500	1.0	N	N	300	200
SB0882	64 46 50	164 16 20	2.0	1.00	10.00	>2.0	500	1.0	N	N	150	200
SB0883	64 45 52	164 19 5	2.0	.50	5.00	>2.0	500	1.0	N	N	200	300
SB0884	64 45 50	164 19 27	3.0	.50	5.00	>2.0	500	N	N	N	300	700
SB0885	64 47 25	164 21 33	2.0	.20	10.00	>2.0	200	<1.0	N	N	200	150
SB0886	64 47 5	164 22 13	3.0	.50	5.00	>2.0	300	<1.0	N	N	500	200
SB0887	64 46 52	164 23 45	2.0	.50	7.00	>2.0	300	1.0	N	N	200	500
SB0888	64 46 40	164 26 20	2.0	.50	10.00	>2.0	500	N	N	N	500	3,000
SB0889	64 46 40	164 26 20	3.0	.50	7.00	>2.0	200	1.0	N	N	200	150
SB0890	64 46 46	164 27 2	2.0	.50	7.00	>2.0	200	1.0	N	N	100	150
SB0891	64 45 54	164 27 55	2.0	.70	10.00	>2.0	300	1.0	N	N	100	100
SB0892	64 45 40	164 29 10	2.0	.50	10.00	>2.0	300	1.0	N	N	70	50
SB0893	64 44 22	164 29 17	2.0	.30	10.00	>2.0	700	1.0	<500	N	150	>10,000
SB0894	64 42 25	164 26 25	2.0	.50	7.00	>2.0	500	1.0	N	N	200	>10,000
SB0895	64 42 34	164 26 7	2.0	.30	10.00	>2.0	300	70.0	N	1,000	300	500
SB0896	64 41 35	164 24 27	2.0	.50	5.00	>2.0	500	<1.0	N	N	500	700
SB0897	64 41 32	164 25 40	2.0	.50	7.00	>2.0	700	<1.0	N	N	100	3,000

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0834	<2	N	N	N	100	N	100	N	100	N	30
SB0835	N	N	N	<10	70	50	<50	N	150	N	20
SB0838	N	N	N	N	100	<10	N	N	100	N	<20
SB0840	N	N	N	N	150	<10	N	N	150	20	700
SB0841	N	N	N	N	30	N	100	N	50	50	20
SB0842	N	N	N	20	500	20	N	N	200	100	<20
SB0843	N	N	N	N	50	<10	N	N	100	50	N
SB0845	N	N	N	<10	100	N	N	N	100	N	N
SB0860	10	N	N	N	150	N	200	N	100	N	<20
SB0861	<2	N	N	N	100	N	<50	N	150	N	20
SB0863	100	N	N	N	500	<10	100	N	150	20	50
SB0864	<2	N	N	30	70	70	500	N	70	100	50
SB0865	N	N	N	N	150	10	300	N	100	20	50
SB0866	N	N	N	N	150	<10	<50	N	150	15	50
SB0867	N	N	N	N	150	<10	100	N	100	15	70
SB0868	<2	N	N	10	100	10	70	N	100	20	300
SB0869	<2	N	N	20	100	50	100	N	100	20	30
SB0870	<2	N	N	15	150	20	300	N	100	20	50
SB0871	<2	N	N	20	700	50	1,000	N	70	50	70
SB0872	N	N	N	20	200	10	300	N	150	50	50
SB0873	N	N	N	15	150	<10	100	N	100	20	50
SB0874	N	N	N	15	100	N	N	N	100	15	<20
SB0875	<2	N	N	20	100	20	100	N	100	30	200
SB0876	N	N	N	10	150	10	70	N	100	20	70
SB0877	N	N	N	15	100	20	150	N	100	30	50
SB0878	N	N	N	<10	70	<10	N	N	100	20	20
SB0879	N	N	N	<10	100	<10	100	N	150	15	20
SB0880	N	N	N	50	150	20	<50	N	100	100	50
SB0881	N	N	N	10	100	<10	<50	N	100	30	30
SB0882	N	N	N	15	100	10	N	<10	100	20	30
SB0883	<2	N	N	20	150	10	N	N	100	20	30
SB0884	2	N	N	20	150	50	100	N	100	30	70
SB0885	<2	N	N	30	100	10	100	N	100	<10	50
SB0886	<2	N	N	20	200	70	70	N	100	30	50
SB0887	<2	N	N	20	200	50	70	N	100	50	200
SB0888	N	N	N	15	150	10	500	N	70	15	150
SB0889	N	N	N	20	100	15	70	N	100	20	20
SB0890	N	N	N	15	100	15	N	N	70	15	100
SB0891	N	N	N	20	200	15	N	N	100	15	30
SB0892	N	N	N	15	100	10	N	N	100	10	30
SB0893	N	N	N	10	150	15	N	N	100	30	20
SB0894	N	N	N	15	70	15	<50	N	100	15	20
SB0895	<2	N	N	20	150	50	150	N	100	50	30
SB0896	2	N	N	30	300	70	100	<10	100	100	50
SB0897	N	N	N	10	100	<10	N	N	70	10	<20

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0834	N	30	500	N	150	<100	300	N	>2,000	N
SB0835	N	10	200	<200	100	N	200	N	1,000	N
SB0838	N	<10	300	500	200	200	70	N	300	N
SB0840	N	10	150	<200	500	200	150	N	>2,000	N
SB0841	N	N	200	200	100	100	20	N	200	N
SB0842	N	20	200	200	150	<100	200	N	>2,000	N
SB0843	N	<10	300	200	100	150	100	N	500	N
SB0845	N	30	50	300	200	N	200	N	1,000	N
SB0860	N	20	700	N	300	150	200	N	>2,000	N
SB0861	N	15	100	200	200	N	200	N	2,000	N
SB0863	N	20	50	200	300	<100	300	N	2,000	N
SB0864	N	15	N	500	150	100	200	N	700	N
SB0865	N	20	100	200	300	100	300	N	2,000	N
SB0866	N	20	20	200	200	150	300	N	1,500	N
SB0867	N	20	30	300	200	N	300	N	500	N
SB0868	N	15	30	200	150	100	200	N	500	N
SB0869	N	20	30	200	150	100	300	N	300	N
SB0870	N	20	50	300	200	300	500	N	2,000	N
SB0871	N	20	<20	500	200	N	700	N	700	N
SB0872	N	20	50	300	200	<100	500	N	1,000	N
SB0873	N	20	20	200	300	N	200	N	300	N
SB0874	N	20	N	200	300	100	300	N	500	N
SB0875	N	20	50	200	200	N	500	N	700	N
SB0876	N	20	50	200	200	N	500	N	500	N
SB0877	N	20	50	200	200	N	500	N	500	N
SB0878	N	20	<20	<200	300	N	300	N	700	N
SB0879	N	20	50	200	200	200	700	N	700	N
SB0880	N	20	70	200	300	N	300	N	500	N
SB0881	N	20	20	200	300	100	300	N	500	N
SB0882	N	20	30	200	200	150	300	N	300	N
SB0883	N	20	20	200	300	100	200	N	500	N
SB0884	N	30	50	300	200	100	300	N	1,000	N
SB0885	N	20	20	300	200	N	200	N	2,000	N
SB0886	N	30	200	200	200	N	200	N	500	N
SB0887	N	30	50	300	150	<100	300	N	700	N
SB0888	N	50	200	500	200	N	500	N	2,000	N
SB0889	N	20	30	200	200	100	300	N	500	N
SB0890	N	20	<20	<200	300	N	150	N	500	N
SB0891	N	20	<20	<200	300	N	150	N	300	N
SB0892	N	15	20	<200	300	N	200	N	300	N
SB0893	N	15	<20	200	200	<100	200	N	500	N
SB0894	N	15	<20	200	300	N	150	N	300	N
SB0895	N	20	20	300	200	<100	300	N	1,000	N
SB0896	N	30	20	200	200	N	300	N	1,000	N
SB0897	N	30	N	200	200	N	200	N	700	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB0898	64 40 35	164 26 10	2.0	.50	10.00	>2.0	200	1.0	N	N	100	7,000
SB0899	64 39 0	164 28 0	2.0	.30	10.00	>2.0	300	1.0	N	N	150	3,000
SB0900	64 38 53	164 25 15	2.0	.30	10.00	>2.0	300	<1.0	N	N	150	10,000
SB0901	64 36 50	164 23 58	5.0	.50	10.00	>2.0	700	<1.0	N	N	300	2,000
SB0902	64 36 15	164 19 13	3.0	.30	10.00	>2.0	500	1.0	N	N	200	700
SB0903	64 35 22	164 18 43	2.0	.50	10.00	>2.0	300	N	N	N	300	700
SB0904	64 35 15	164 15 29	2.0	.70	5.00	>2.0	700	N	N	N	200	2,000
SB0905	64 34 19	164 12 40	3.0	.50	7.00	>2.0	500	1.0	N	N	300	500
SB0906	64 35 53	164 8 56	1.0	.20	3.00	>2.0	150	N	N	N	150	700
SB0907	64 35 44	164 7 44	2.0	.30	3.00	>2.0	300	N	N	N	200	500
SB0908	64 36 38	164 7 0	1.5	.20	10.00	>2.0	300	<1.0	N	N	100	1,000
SB0909	64 34 0	164 5 13	2.0	.20	10.00	>2.0	300	<1.0	N	N	200	150
SB0910	64 34 55	164 0 15	2.0	.30	10.00	>2.0	200	<1.0	N	N	100	300
SB0911	64 35 32	164 1 16	2.0	.30	10.00	>2.0	300	<1.0	N	N	150	700
SB0912	64 38 55	164 1 43	1.5	.30	10.00	>2.0	300	<1.0	N	N	100	50
SB0913	64 38 35	164 0 2	2.0	.50	10.00	>2.0	200	<1.0	N	N	100	50
SB0914	64 39 52	164 0 30	1.5	.30	10.00	>2.0	200	1.0	N	N	100	<50
SB0915	64 41 25	164 5 54	1.5	.30	10.00	>2.0	200	N	N	N	100	50
SB0916	64 41 47	164 5 28	1.5	.30	15.00	>2.0	300	N	N	N	70	<50
SB0917	64 43 30	164 59 45	2.0	.50	10.00	>2.0	200	<1.0	N	N	150	100
SB0918	64 42 6	164 9 55	1.5	.30	10.00	>2.0	200	N	N	N	150	700
SB0930	65 41 16	163 48 28	1.5	.50	5.00	>2.0	200	<1.0	N	N	100	100
SB0938	65 36 27	163 34 7	.5	.20	.50	1.0	70	N	N	N	20	700
SB0940	65 44 54	162 10 6	2.0	.15	1.00	>2.0	100	1.0	N	N	200	1,000
SB0941	65 45 35	162 8 42	2.0	.15	3.00	>2.0	200	1.0	N	N	150	1,000
SB0942	65 45 58	162 6 15	2.0	.20	5.00	>2.0	150	<1.0	N	N	100	1,000
SB0943	65 47 6	162 6 31	2.0	.20	5.00	>2.0	200	1.0	N	N	200	1,000
SB0944	65 48 25	162 4 53	2.0	.20	2.00	>2.0	200	7.0	N	<20	200	500
SB0945	65 48 25	162 3 10	2.0	.20	2.00	>2.0	200	<1.0	700	N	200	1,000
SB0946	65 48 44	162 3 31	3.0	.15	1.00	>2.0	150	2.0	1,000	N	200	1,000
SB0947	65 46 1	162 0 44	3.0	.20	2.00	>2.0	150	<1.0	N	N	200	1,500
SB0948	65 50 13	162 2 50	3.0	.20	1.00	>2.0	150	15.0	3,000	20	150	700
SB0949	65 53 9	162 3 31	2.0	.20	.20	>2.0	100	2.0	N	N	200	500
SB0950	65 52 55	162 13 30	2.0	.15	<.10	>2.0	100	2.0	N	N	100	300
SB0952	65 53 7	162 11 55	2.0	.15	.10	>2.0	100	2.0	N	N	150	500
SB0953	65 57 5	162 5 55	2.0	.15	.20	>2.0	100	2.0	N	N	150	300
SB0954	65 58 12	162 8 59	2.0	.15	.70	>2.0	150	5.0	N	<20	200	200
SB0955	65 59 53	162 9 38	1.5	.30	7.00	>2.0	200	3.0	N	N	200	200
SB0959	65 44 21	162 16 42	1.5	.10	1.50	>2.0	100	N	1,500	N	150	150
SB0960	65 42 30	162 17 40	2.0	.15	.10	>2.0	100	2.0	N	N	300	200
SB0961	65 42 42	162 21 20	2.0	.15	.70	>2.0	100	2.0	N	N	200	300
SB0962	65 44 20	162 22 51	2.0	.10	.50	>2.0	100	3.0	N	N	150	1,000
SB0963	65 45 54	162 25 50	15.0	.15	1.00	>2.0	150	<1.0	N	N	200	>10,000
SB0964	65 47 35	162 21 43	2.0	.15	.30	>2.0	100	1.5	N	N	300	500
SB0965	65 48 35	162 20 40	3.0	.20	5.00	>2.0	200	1.0	N	N	300	500

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0898	N	N	N	30	200	10	N	N	100	30	30
SB0899	N	N	N	20	100	10	N	N	100	<10	50
SB0900	N	N	N	10	100	10	N	N	150	10	30
SB0901	N	N	N	20	150	30	N	<10	100	30	50
SB0902	N	N	N	20	200	20	200	N	100	20	30
SB0903	N	N	N	15	200	15	500	N	100	<10	70
SB0904	N	N	N	15	150	20	300	N	100	10	50
SB0905	<2	N	N	50	200	70	100	N	100	70	150
SB0906	2	N	N	N	150	N	N	N	100	N	20
SB0907	2	N	N	N	100	<10	N	N	100	<10	20
SB0908	N	N	N	N	70	<10	N	N	100	N	30
SB0909	<2	N	N	N	100	N	N	N	100	N	50
SB0910	<2	N	N	N	500	N	N	N	100	10	30
SB0911	N	N	N	<10	100	N	N	N	150	<10	50
SB0912	N	N	N	N	70	<10	N	N	100	10	20
SB0913	N	N	N	N	100	<10	N	N	100	10	<20
SB0914	N	N	N	N	50	N	N	N	100	10	<20
SB0915	<2	N	N	N	70	<10	N	N	70	N	<20
SB0916	N	N	N	N	70	N	N	N	70	N	<20
SB0917	N	N	N	N	150	N	<50	N	70	10	30
SB0918	N	N	N	N	50	10	<50	N	70	15	20
SB0930	N	N	N	10	70	N	N	N	200	<10	20
SB0938	<2	N	N	N	20	N	N	N	50	N	<20
SB0940	<2	N	N	10	200	<10	100	N	100	<10	50
SB0941	N	N	N	<10	150	10	100	N	100	50	50
SB0942	N	N	N	<10	150	N	100	N	100	10	70
SB0943	<2	N	N	10	100	<10	100	N	100	10	50
SB0944	N	N	N	15	150	N	100	N	150	<10	50
SB0945	N	N	N	100	150	20	300	N	100	70	200
SB0946	N	N	N	50	200	15	300	N	100	50	500
SB0947	N	N	N	50	300	15	300	N	100	100	150
SB0948	N	N	N	100	300	30	300	N	150	100	1,000
SB0949	N	N	N	50	300	<10	200	N	100	15	200
SB0950	N	N	N	20	200	N	70	N	100	<10	50
SB0952	N	N	N	15	300	N	50	N	70	15	70
SB0953	N	N	N	15	150	N	100	N	70	<10	100
SB0954	N	N	N	15	100	N	70	N	70	N	300
SB0955	N	N	N	10	200	<10	70	N	100	N	1,000
SB0959	N	N	N	30	150	<10	500	N	100	10	70
SB0960	N	N	N	30	200	<10	100	N	70	10	200
SB0961	N	N	N	20	300	10	100	N	100	15	150
SB0962	N	N	N	70	200	30	300	N	100	50	300
SB0963	N	N	N	200	100	150	150	N	50	200	100
SB0964	N	N	N	20	200	10	200	N	100	30	100
SB0965	N	N	N	20	150	20	200	N	70	50	150

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0898	N	20	30	200	200	150	200	N	700	N
SB0899	N	20	<20	200	200	200	200	N	1,000	N
SB0900	N	20	20	200	200	N	200	N	1,000	N
SB0901	N	30	30	200	200	<100	300	N	1,000	N
SB0902	N	30	30	200	200	100	300	N	700	N
SB0903	200	30	50	300	200	<100	300	N	2,000	N
SB0904	N	30	30	300	200	<100	300	N	2,000	N
SB0905	700	30	20	300	200	N	200	N	500	N
SB0906	N	<10	70	300	150	N	200	N	>2,000	N
SB0907	N	10	70	200	150	N	200	N	1,500	N
SB0908	N	<10	70	500	100	N	300	N	2,000	N
SB0909	N	15	100	500	150	200	300	N	2,000	N
SB0910	N	20	70	300	200	<100	200	N	1,500	N
SB0911	N	15	70	500	150	N	200	N	1,500	N
SB0912	N	<10	50	500	100	N	200	N	300	N
SB0913	N	10	30	300	150	N	200	N	300	N
SB0914	N	<10	50	300	150	N	200	N	500	N
SB0915	N	10	30	200	100	N	150	N	1,000	N
SB0916	N	15	20	300	100	N	200	N	2,000	N
SB0917	N	15	30	500	200	N	200	N	200	N
SB0918	N	10	20	500	150	N	200	N	700	N
SB0930	N	10	50	N	150	N	200	N	2,000	N
SB0938	N	N	50	500	100	N	50	N	>2,000	N
SB0940	N	50	30	1,000	150	100	150	N	700	N
SB0941	N	50	100	1,000	150	200	200	N	500	N
SB0942	N	50	100	1,000	200	150	200	N	1,500	N
SB0943	N	30	70	1,000	150	150	200	N	700	N
SB0944	N	30	30	300	150	150	200	N	1,500	N
SB0945	N	30	30	500	150	<100	200	N	1,500	N
SB0946	N	30	20	500	150	200	200	N	500	N
SB0947	N	30	30	1,000	100	200	200	N	1,500	N
SB0948	N	50	30	N	100	500	200	N	700	N
SB0949	N	70	<20	N	100	200	200	N	500	N
SB0950	N	50	N	N	100	N	100	N	200	N
SB0952	N	70	N	N	100	<100	100	N	200	N
SB0953	N	50	N	N	100	150	100	N	200	N
SB0954	N	50	N	<200	100	1,000	100	N	300	N
SB0955	200	20	<20	700	150	100	150	N	500	N
SB0959	N	30	N	200	100	<100	150	N	2,000	N
SB0960	N	50	<20	N	100	N	100	N	200	N
SB0961	N	50	<20	<200	100	N	200	N	200	N
SB0962	N	50	<20	N	100	<100	150	500	500	N
SB0963	N	15	N	300	70	N	150	500	500	N
SB0964	N	50	<20	N	100	N	150	N	700	N
SB0965	N	30	<20	200	150	N	150	N	300	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB0966	65 47 59	162 16 53	2.0	.15	1.00	>2.0	100	1.5	N	N	200	500
SB0967	65 48 50	162 16 55	3.0	.15	.70	>2.0	200	1.5	N	N	200	700
SB0971	65 51 7	162 23 25	3.0	.50	5.00	>2.0	500	<1.0	N	N	200	300
SB0973	65 54 17	162 33 43	10.0	.20	5.00	>2.0	100	100.0	N	<20	100	10,000
SB0974	65 54 21	162 33 34	7.0	.10	1.00	1.0	100	3.0	N	N	70	7,000
SB0976	65 55 18	162 34 37	2.0	.20	7.00	>2.0	150	N	N	N	100	1,500
SB0977	65 55 45	162 39 29	2.0	.50	5.00	>2.0	200	<1.0	N	N	100	5,000
SB0978	65 55 8	162 42 8	5.0	.50	5.00	>2.0	150	1.0	N	N	100	100
SB0980	65 53 40	162 45 30	2.0	.50	5.00	>2.0	100	1.0	N	N	70	70
SB0985	65 59 55	163 36 55	1.0	.50	10.00	>2.0	150	N	N	N	300	1,500
SB0986	65 59 55	163 31 29	7.0	.50	5.00	>2.0	200	5.0	1,000	N	70	300
SB0987	65 59 55	163 27 45	1.5	.50	5.00	>2.0	200	1.0	N	N	200	150
SB0988	65 59 20	163 16 53	5.0	.20	5.00	>2.0	200	N	3,000	N	100	700
SB0989	65 59 11	163 16 43	2.0	.30	10.00	>2.0	300	<1.0	N	N	150	500
SB0990	65 58 50	163 13 29	1.5	.20	7.00	>2.0	500	500.0	N	>1,000	100	700
SB0991	65 57 31	163 12 40	1.5	.20	5.00	>2.0	200	20.0	N	100	200	1,500
SB0992	65 42 37	162 39 0	1.5	.50	7.00	>2.0	500	5.0	N	20	50	200
SB0996	65 49 52	162 40 22	1.5	.70	3.00	>2.0	200	1.5	N	<20	200	150
SB0997	65 47 55	162 53 12	2.0	.50	7.00	>2.0	700	2.0	N	<20	200	200
SB0998	65 52 7	162 59 27	1.5	.30	10.00	>2.0	300	<1.0	N	N	200	200
SB0999	65 53 25	163 0 57	1.5	.30	10.00	>2.0	200	N	N	N	200	1,000
SB1001	65 49 18	163 4 38	2.0	1.00	7.00	>2.0	200	<1.0	N	N	150	>10,000
SB1002	65 48 55	163 3 42	1.0	.20	10.00	2.0	200	N	N	N	100	3,000
SB1003	65 48 40	163 3 13	1.5	1.00	5.00	>2.0	200	<1.0	N	N	200	500
SB1004	65 47 24	163 2 40	1.0	5.00	5.00	>2.0	200	N	N	N	500	100
SB1005	65 47 10	163 1 52	1.5	.30	5.00	>2.0	300	<1.0	N	N	150	100
SB1006	65 46 11	163 1 12	1.5	.30	5.00	>2.0	300	<1.0	N	N	200	100
SB1007	65 27 59	164 19 50	2.0	.30	3.00	>2.0	200	<1.0	N	N	150	500
SB1008	65 45 7	164 17 45	2.0	.70	5.00	>2.0	300	1.0	N	N	150	500
SB1009	65 45 8	164 15 35	2.0	.50	5.00	>2.0	200	1.0	N	N	200	700
SB1010	65 45 10	164 15 25	2.0	.50	5.00	>2.0	300	1.0	N	N	150	200
SB1011	65 46 43	164 7 32	2.0	.70	7.00	>2.0	200	<1.0	N	N	150	200
SB1012	65 46 30	164 4 45	2.0	.50	5.00	>2.0	150	1.0	N	N	150	150
SB1013	65 49 18	164 6 27	3.0	2.00	5.00	>2.0	1,000	<1.0	N	N	300	200
SB1014	65 49 25	164 6 45	2.0	.70	7.00	>2.0	150	1.0	N	N	150	100
SB1015	65 50 9	164 4 50	3.0	1.00	5.00	>2.0	300	N	N	N	100	500
SB1017	65 50 25	164 8 36	5.0	1.50	5.00	>2.0	300	N	N	N	100	10,000
SB1018	65 49 42	164 16 7	3.0	1.00	5.00	>2.0	300	<1.0	N	N	100	1,000
SB1019	65 49 42	164 15 50	5.0	1.00	5.00	>2.0	200	<1.0	N	N	100	1,500
SB1020	65 49 44	164 16 8	2.0	.50	5.00	>2.0	150	<1.0	N	N	150	1,500
SB1021	65 48 37	164 14 45	3.0	.70	7.00	>2.0	200	1.0	N	N	150	300
SB1022	65 49 55	164 20 16	7.0	1.00	2.00	>2.0	500	<1.0	N	N	300	3,000
SB1023	65 46 9	164 21 53	7.0	.30	5.00	>2.0	500	<1.0	N	N	100	>10,000
SB1024	65 46 20	164 23 15	10.0	.50	5.00	>2.0	200	<1.0	1,500	N	200	3,000
SB1025	65 45 25	164 25 38	10.0	.50	5.00	>2.0	200	1.0	N	20	150	1,000

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB0966	N	N	N	15	200	<10	100	N	100	15	50
SB0967	N	20	N	15	150	10	300	N	100	15	500
SB0971	N	N	N	50	200	100	150	N	50	50	100
SB0973	N	50	N	50	70	150	100	N	<50	100	1,000
SB0974	N	N	N	70	20	150	N	15	<50	150	50
SB0976	N	N	N	50	100	20	100	N	70	70	50
SB0977	N	N	N	<10	200	<10	100	N	70	20	N
SB0978	N	N	N	15	200	<10	N	N	100	30	<20
SB0980	N	N	N	N	200	N	N	N	200	<10	<20
SB0985	N	N	N	N	100	N	200	N	100	N	20
SB0986	15	N	N	70	70	100	100	N	100	100	2,000
SB0987	N	N	N	N	150	<10	200	N	100	10	50
SB0988	N	N	N	100	70	20	N	N	100	100	70
SB0989	N	N	N	30	100	15	150	N	100	70	100
SB0990	N	N	N	15	200	<10	<50	N	100	N	20
SB0991	N	N	N	<10	200	10	70	N	100	<10	150
SB0992	N	N	N	10	100	N	1,500	200	150	N	30
SB0996	N	N	N	15	100	<10	100	N	100	15	<20
SB0997	N	N	N	N	200	<10	150	N	70	N	50
SB0998	N	N	N	15	200	15	300	N	100	15	50
SB0999	N	N	N	10	150	<10	100	N	50	<10	20
SB1001	N	N	N	50	100	20	70	N	100	20	50
SB1002	N	N	N	N	70	N	70	N	50	N	50
SB1003	N	N	N	<10	300	15	200	N	150	15	200
SB1004	N	N	N	N	100	N	100	30	100	N	N
SB1005	N	N	N	20	100	10	70	N	100	10	30
SB1006	<2	N	N	10	200	<10	50	N	100	N	50
SB1007	N	N	N	20	150	15	70	N	150	20	<20
SB1008	N	N	N	20	100	20	70	N	150	<10	N
SB1009	N	N	N	15	150	<10	N	N	150	N	N
SB1010	N	N	N	15	100	10	<50	N	150	N	<20
SB1011	N	N	N	20	150	10	<50	N	100	N	N
SB1012	N	N	N	15	100	<10	N	N	150	N	<20
SB1013	N	N	N	50	1,000	<10	100	N	100	20	20
SB1014	N	N	N	20	100	<10	N	N	150	N	N
SB1015	N	N	N	20	200	15	200	N	100	70	N
SB1017	N	N	N	50	500	50	300	15	150	150	20
SB1018	N	N	N	50	200	50	<50	N	150	50	<20
SB1019	N	N	N	50	150	50	100	N	150	50	20
SB1020	N	N	N	10	150	<10	100	N	200	N	30
SB1021	N	N	N	20	150	50	70	N	200	30	<20
SB1022	N	N	N	100	150	100	2,000	N	50	100	70
SB1023	N	N	N	100	100	70	100	N	150	70	20
SB1024	N	N	N	150	70	100	70	N	100	200	150
SB1025	N	N	N	100	70	150	500	N	50	100	30

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB0966	N	50	N	200	100	N	200	N	500	N
SB0967	N	70	20	300	100	N	200	N	700	N
SB0971	N	50	N	500	150	N	100	N	500	N
SB0973	N	20	20	700	150	3,000	200	N	700	N
SB0974	N	N	N	200	70	500	70	700	200	N
SB0976	N	10	20	200	100	300	200	N	2,000	N
SB0977	N	50	50	500	200	3,000	200	N	1,000	N
SB0978	N	15	50	<200	150	200	300	N	200	N
SB0980	N	20	50	<200	200	500	150	N	300	N
SB0985	N	30	50	300	200	200	200	N	1,000	N
SB0986	N	10	N	300	150	500	150	N	1,000	N
SB0987	N	20	20	500	200	700	150	N	1,500	N
SB0988	N	20	30	300	150	150	200	N	500	N
SB0989	N	20	50	500	200	300	200	N	700	N
SB0990	N	30	30	500	200	100	200	N	>2,000	N
SB0991	5,000	30	50	1,000	200	N	150	N	1,500	N
SB0992	<200	50	70	N	200	500	500	N	2,000	300
SB0996	N	20	N	N	100	N	150	N	500	N
SB0997	700	50	70	1,000	300	200	150	N	1,000	N
SB0998	N	30	50	1,000	300	500	200	N	300	N
SB0999	N	20	20	700	200	1,000	150	N	2,000	N
SB1001	1,000	20	200	700	200	200	200	N	1,500	N
SB1002	N	30	20	1,000	150	700	150	N	700	N
SB1003	N	50	70	500	300	100	200	N	2,000	N
SB1004	N	10	30	<200	150	300	150	N	>2,000	N
SB1005	N	20	<20	300	200	100	200	N	500	N
SB1006	N	30	20	700	200	<100	150	N	500	N
SB1007	N	20	30	200	200	<100	300	N	1,000	N
SB1008	N	20	20	<200	150	N	300	N	200	N
SB1009	N	20	<20	<200	150	200	300	N	500	N
SB1010	N	20	20	N	200	N	300	N	300	N
SB1011	200	20	50	N	150	N	300	N	700	N
SB1012	200	20	<20	N	150	N	200	N	500	N
SB1013	N	50	30	N	150	100	300	N	1,000	N
SB1014	N	20	50	N	150	N	300	N	300	N
SB1015	N	20	200	<200	200	N	200	N	2,000	N
SB1017	N	30	100	200	500	150	200	N	2,000	N
SB1018	N	30	20	200	200	<100	300	N	500	N
SB1019	N	30	20	200	200	N	200	N	300	N
SB1020	N	20	30	200	150	N	200	N	700	N
SB1021	N	30	150	N	200	<100	300	N	300	N
SB1022	N	70	>2,000	<200	200	1,000	300	<500	1,000	500
SB1023	N	20	<20	500	150	<100	300	N	500	N
SB1024	N	20	<20	<200	150	N	200	N	700	N
SB1025	N	30	200	200	150	N	300	<500	500	<200

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB1026	65 45 36	164 26 20	2.0	.50	10.00	2.0	300	N	N	N	500	1,000
SB1027	65 51 57	164 42 15	2.0	.70	5.00	>2.0	700	N	N	N	700	150
SB1028	65 51 46	164 40 53	.5	.10	3.00	2.0	500	N	N	N	<20	<50
SB1029	65 54 38	164 32 5	1.0	.50	5.00	>2.0	700	N	N	N	200	100
SB1030	65 56 6	164 29 15	7.0	.50	2.00	>2.0	500	N	N	N	1,000	200
SB1031	65 45 54	163 10 28	1.5	7.00	20.00	>2.0	1,500	N	N	N	500	<50
SB1032	65 47 35	163 11 17	2.0	5.00	10.00	>2.0	500	N	2,000	N	500	200
SB1033	65 48 42	163 12 25	1.0	5.00	10.00	>2.0	500	N	N	N	500	100
SB1034	65 50 33	163 12 41	15.0	3.00	10.00	>2.0	200	N	<500	N	200	200
SB1035	65 50 40	163 8 28	5.0	5.00	7.00	>2.0	500	N	N	N	1,000	500
SB1036	65 50 44	163 8 43	7.0	3.00	7.00	>2.0	500	N	N	N	700	1,500
SB1037	65 51 1	163 16 16	2.0	2.00	7.00	>2.0	500	N	N	N	500	1,000
SB1038	65 52 12	163 11 32	5.0	1.00	7.00	>2.0	500	N	2,000	N	500	5,000
SB1039	65 53 9	163 16 56	2.0	.70	7.00	>2.0	700	N	N	N	500	500
SB1040	65 53 59	163 11 50	5.0	.20	5.00	>2.0	300	2,000.0	<500	>1,000	300	1,000
SB1041	65 54 7	163 11 42	7.0	.20	5.00	>2.0	500	N	1,000	N	500	700
SB1042	65 54 49	163 16 25	5.0	.20	5.00	>2.0	500	2.0	5,000	50	500	700
SB1043	65 55 31	163 16 29	7.0	.20	5.00	>2.0	500	N	10,000	N	1,000	700
SB1044	65 55 32	163 19 0	15.0	.20	5.00	>2.0	1,000	20.0	<500	20	500	500
SB1045	65 55 18	163 18 47	5.0	.50	7.00	>2.0	1,000	2.0	N	N	500	1,000
SB1046	65 25 34	162 27 49	5.0	.50	5.00	>2.0	1,000	N	N	N	1,500	1,000
SB1047	65 24 46	162 24 41	2.0	.50	5.00	>2.0	700	N	N	N	1,000	1,000
SB1048	65 23 50	162 18 54	2.0	1.00	7.00	>2.0	1,000	N	N	N	700	200
SB1049	65 25 3	162 16 43	10.0	.50	10.00	>2.0	500	N	N	N	50	150
SB1050	65 24 5	162 13 2	1.5	.50	10.00	>2.0	500	N	N	N	100	<50
SB1051	65 24 5	162 12 46	1.0	.20	5.00	2.0	100	N	N	N	<20	50
SB1052	65 23 45	162 10 12	2.0	.10	2.00	>2.0	70	N	N	N	<20	200
SB1053	65 24 6	162 4 10	2.0	1.00	2.00	>2.0	500	N	N	N	100	200
SB1055	65 26 40	162 5 54	5.0	.10	1.50	.5	150	N	N	N	<20	2,000
SB1056	65 26 56	162 4 31	1.0	.20	2.00	2.0	500	N	N	N	200	700
SB1057	65 28 13	162 2 35	1.0	.10	5.00	2.0	700	1.0	N	N	<20	<50
SB1058	65 28 9	162 2 47	1.5	.10	5.00	2.0	500	N	N	N	<20	5,000
SB1059	65 27 53	162 3 10	.5	.20	.50	>2.0	200	N	N	N	100	2,000
SB1060	65 28 33	162 7 47	2.0	.30	2.00	2.0	150	N	N	N	200	700
SB1061	65 27 43	162 13 57	1.5	.20	5.00	.7	200	N	N	N	<20	300
SB1062	65 27 39	162 16 50	1.5	.50	5.00	.7	200	N	N	N	<20	50
SB1063	65 29 39	162 18 10	1.5	.30	5.00	1.0	150	N	N	N	<20	<50
SB1064	65 26 45	162 24 8	3.0	.15	5.00	>2.0	150	1.0	N	N	<20	100
SB1065	65 29 56	162 18 28	1.0	.50	5.00	1.0	150	N	N	N	20	<50
SB1066	65 31 32	162 20 11	2.0	.50	7.00	1.5	200	N	N	N	100	200
SB1067	65 31 19	162 20 13	2.0	.20	7.00	.7	200	N	N	N	100	50
SB1068	65 31 35	162 22 8	2.0	.10	2.00	>2.0	150	2.0	N	70	100	50
SB1069	65 32 11	162 21 48	2.0	.30	5.00	2.0	200	N	N	N	100	150
SB1070	65 28 19	162 25 35	5.0	.20	1.50	>2.0	1,000	<1.0	N	N	300	500
SB1071	65 29 2	162 28 50	2.0	.15	1.00	>2.0	300	N	<500	N	200	1,500

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB1026	N	N	N	20	100	10	1,500	N	<50	30	30
SB1027	N	N	N	N	100	N	500	20	500	N	<20
SB1028	N	100	N	N	20	N	500	200	150	N	<20
SB1029	N	N	N	N	70	N	300	200	150	N	<20
SB1030	<2	700	N	50	150	100	500	20	100	100	100
SB1031	N	N	N	N	50	<10	N	100	100	N	<20
SB1032	N	N	N	20	100	<10	N	N	100	N	50
SB1033	10	N	N	<10	150	<10	N	N	100	N	70
SB1034	N	N	500	70	70	100	N	N	50	300	200
SB1035	<2	50	N	50	200	20	N	50	150	20	70
SB1036	<2	N	N	100	100	50	500	<10	100	200	100
SB1037	N	N	N	30	200	20	N	10	100	<10	300
SB1038	N	N	N	50	200	20	N	<10	150	100	200
SB1039	<2	N	N	20	300	10	N	<10	150	N	100
SB1040	N	N	N	100	100	20	100	N	100	150	200
SB1041	N	N	N	100	100	50	100	N	100	200	5,000
SB1042	N	N	N	70	100	30	<50	N	100	100	200
SB1043	N	N	N	100	100	50	500	100	100	200	1,000
SB1044	N	N	N	100	100	100	N	N	200	500	50,000
SB1045	<2	N	N	50	100	20	200	N	150	100	15,000
SB1046	N	N	N	50	100	20	200	20	100	50	300
SB1047	<2	N	N	20	150	10	200	N	100	N	200
SB1048	<2	20	N	10	200	<10	50	<10	100	N	300
SB1049	N	N	N	<10	200	N	50	N	50	N	200
SB1050	N	N	N	<10	200	N	100	N	70	N	150
SB1051	N	N	N	N	100	N	<50	10	50	N	100
SB1052	N	N	N	100	50	10	<50	N	70	N	100
SB1053	N	N	N	10	300	20	200	N	100	N	100
SB1055	N	N	N	70	50	50	<50	N	50	200	20
SB1056	N	N	N	<10	200	N	<50	<10	50	N	100
SB1057	N	N	N	<10	100	N	<50	N	70	N	500
SB1058	N	N	N	50	100	N	<50	N	50	N	100
SB1059	N	N	N	N	70	<10	N	N	50	N	100
SB1060	N	20	N	50	150	N	100	N	70	<10	150
SB1061	N	N	N	<10	100	N	<50	N	<50	N	100
SB1062	N	N	N	<10	100	N	<50	N	<50	N	100
SB1063	N	100	N	N	70	N	<50	N	50	N	100
SB1064	N	N	N	50	20	20	<50	N	50	N	200
SB1065	N	N	N	N	70	N	<50	N	<50	N	70
SB1066	N	N	N	<10	100	N	100	N	<50	N	100
SB1067	N	N	N	N	70	N	50	N	<50	N	100
SB1068	N	N	N	<10	50	N	100	N	100	N	100
SB1069	N	N	N	N	100	N	<50	N	50	N	100
SB1070	N	N	N	20	70	N	1,000	N	100	N	150
SB1071	N	N	N	20	70	N	100	N	50	N	50

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB1026	1,000	50	2,000	700	100	N	500	N	1,000	200
SB1027	N	70	1,000	N	200	<100	3,000	N	>2,000	200
SB1028	N	50	>2,000	N	100	2,000	1,000	N	>2,000	<200
SB1029	N	70	>2,000	N	200	1,000	1,500	N	>2,000	<200
SB1030	N	50	>2,000	<200	150	300	500	N	>2,000	<200
SB1031	N	<10	30	N	200	2,000	200	700	>2,000	N
SB1032	N	10	50	N	500	100	100	<500	500	N
SB1033	N	10	50	200	300	200	150	<500	300	N
SB1034	N	10	700	<200	200	150	100	3,000	300	N
SB1035	N	20	500	700	500	2,000	200	500	700	N
SB1036	N	20	200	1,000	300	100	200	500	700	N
SB1037	N	50	50	2,000	300	200	200	500	500	N
SB1038	N	30	500	1,000	500	1,500	200	500	700	N
SB1039	N	20	70	1,000	500	100	200	500	1,000	N
SB1040	N	15	70	1,000	300	200	200	<500	500	N
SB1041	N	20	200	1,000	300	1,000	200	500	500	N
SB1042	N	20	20	1,000	300	<100	200	500	200	N
SB1043	N	20	20	1,000	200	300	300	<500	700	N
SB1044	<200	20	500	500	300	300	150	2,000	300	N
SB1045	N	20	50	1,000	500	N	200	500	500	N
SB1046	N	30	500	1,000	500	2,000	100	500	1,000	N
SB1047	N	50	30	1,000	200	N	200	500	700	N
SB1048	N	50	200	700	500	N	200	500	1,000	N
SB1049	N	30	20	1,000	500	N	200	<500	500	N
SB1050	N	30	500	1,000	500	N	200	<500	2,000	N
SB1051	N	20	<20	1,000	200	N	100	N	500	N
SB1052	N	10	<20	1,000	200	N	70	N	300	N
SB1053	N	30	20	1,000	200	N	150	<500	700	N
SB1055	N	10	N	700	100	N	100	N	1,000	N
SB1056	N	20	30	1,000	300	N	100	<500	100	N
SB1057	N	30	30	1,000	200	<100	100	N	300	N
SB1058	N	30	30	1,000	200	100	100	N	500	N
SB1059	N	<10	N	1,000	200	N	50	<500	300	N
SB1060	N	20	50	1,000	200	N	100	<500	700	N
SB1061	N	30	<20	1,000	200	<100	100	N	500	N
SB1062	N	20	<20	1,000	200	N	100	N	500	N
SB1063	N	20	30	1,000	200	N	100	N	500	N
SB1064	N	10	70	500	100	N	150	<500	300	N
SB1065	N	10	20	1,000	150	N	70	N	700	N
SB1066	N	20	<20	1,500	200	N	70	<500	200	N
SB1067	N	20	N	1,500	200	N	70	N	200	N
SB1068	N	<10	70	500	100	N	70	<500	500	N
SB1069	N	15	<20	1,000	200	N	70	N	200	N
SB1070	N	50	200	500	100	N	150	<500	1,000	N
SB1071	N	15	20	500	100	N	150	500	1,000	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB1072	65 34 19	162 22 21	3.0	.20	2.00	>2.0	1,000	<1.0	N	N	500	700
SB1073	65 32 1	162 26 23	3.0	1.00	1.50	>2.0	1,000	<1.0	N	N	500	700
SB1074	65 34 8	162 22 19	2.0	.20	5.00	>2.0	500	N	N	N	200	500
SB1075	65 33 44	162 16 16	2.0	1.00	7.00	>2.0	300	N	N	N	150	500
SB1076	65 35 30	162 18 28	3.0	.20	1.50	>2.0	1,000	<1.0	N	N	500	700
SB1077	65 36 4	162 25 17	3.0	.20	.50	>2.0	700	<1.0	N	N	500	1,000
SB1078	65 37 59	162 21 7	3.0	.20	.50	>2.0	200	<1.0	N	N	500	1,000
SB1079	65 38 10	162 21 21	3.0	.15	.50	>2.0	150	<1.0	N	N	200	1,000
SB1081	65 31 32	162 35 19	5.0	1.00	5.00	>2.0	2,000	1.0	N	N	50	200
SB1082	65 31 39	162 35 24	5.0	1.00	7.00	>2.0	2,000	N	N	N	50	1,000
SB1083	65 31 38	162 34 26	2.0	.70	2.00	>2.0	500	N	N	N	300	1,000
SB1084	65 33 14	162 32 31	2.0	1.00	5.00	>2.0	1,000	N	N	N	200	1,000
SB1085	65 31 31	162 31 17	3.0	.20	1.50	>2.0	300	N	N	N	200	5,000
SB1086	65 33 39	162 30 52	10.0	.10	1.50	>2.0	150	N	N	N	150	700
SB1089	65 35 4	162 43 15	2.0	.20	2.00	>2.0	500	N	N	N	700	700
SB1090	65 34 57	162 46 56	3.0	.20	.50	>2.0	200	1.0	N	N	300	700
SB1095	65 37 27	163 2 11	.5	.05	1.50	>2.0	200	N	N	N	50	500
SB1096	65 38 48	163 3 8	1.0	.20	2.00	>2.0	500	N	N	N	70	1,000
SB1098	65 42 29	162 11 35	2.0	.15	1.00	>2.0	150	N	N	N	200	700
SB1099	65 43 43	163 4 44	.5	3.00	1.50	>2.0	500	N	N	N	50	50
SB1100	65 43 31	162 4 50	2.0	.15	1.00	>2.0	100	<1.0	N	N	300	1,000
SB1101	65 43 23	162 4 49	2.0	.10	1.00	>2.0	100	1.0	N	N	300	1,000
SB1102	65 41 40	162 8 36	2.0	.10	1.00	>2.0	100	<1.0	N	N	300	700
SB1103	65 41 58	162 1 26	1.5	.20	1.50	>2.0	150	N	N	N	500	1,500
SB1104	65 41 1	162 3 56	1.5	.10	1.50	>2.0	200	N	N	N	200	2,000
SB1105	65 54 52	162 21 4	2.0	.10	2.00	>2.0	150	<1.0	N	N	150	700
SB1106	65 55 3	162 21 18	1.5	.10	1.50	>2.0	200	10.0	500	N	150	500
SB1107	65 54 15	162 25 56	2.0	.20	5.00	>2.0	200	N	N	N	100	500
SB1108	65 54 25	162 26 15	3.0	.15	2.00	>2.0	150	<1.0	N	N	200	700
SB1109	65 56 52	162 15 27	3.0	.20	2.00	>2.0	200	<1.0	N	N	500	1,000
SB1110	65 57 1	162 15 49	7.0	.20	3.00	>2.0	200	<1.0	N	N	700	2,000
SB1111	65 58 52	162 22 59	2.0	7.00	5.00	>2.0	1,000	N	N	N	70	300
SB1112	65 58 49	162 23 21	5.0	.70	7.00	>2.0	1,000	<1.0	N	N	100	1,000
SB1114	65 59 55	162 32 0	1.5	.30	5.00	>2.0	200	N	N	N	300	1,000
SB1115	65 56 53	162 27 17	2.0	.20	5.00	>2.0	200	<1.0	N	N	300	1,000
SB1116	65 55 37	162 28 24	2.0	1.00	7.00	>2.0	50	<1.0	N	N	300	500
SB1117	65 55 37	162 27 58	2.0	.50	5.00	>2.0	500	<1.0	N	N	300	200
SB1118	65 56 16	162 32 6	2.0	.30	7.00	>2.0	300	<1.0	N	N	500	200
SB1120	65 58 24	162 38 35	5.0	.50	3.00	>2.0	200	<1.0	N	N	300	>10,000
SB1123	65 55 22	162 44 2	5.0	.50	2.00	>2.0	500	<1.0	N	N	200	5,000
SB1124	65 53 37	162 35 58	2.0	.30	5.00	>2.0	300	<1.0	N	N	200	700
SB1128	65 51 51	162 38 6	2.0	1.00	5.00	>2.0	300	<1.0	N	N	200	300
SB1129	65 51 43	162 38 54	3.0	1.00	5.00	>2.0	700	<1.0	N	N	200	700
SB1131	65 49 6	162 41 46	2.0	.50	5.00	>2.0	200	<1.0	N	N	500	300
SB1135	65 52 14	162 45 46	1.5	.30	2.00	>2.0	700	15.0	N	N	70	5,000

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB1072	<2	N	N	50	200	10	50	N	150	N	200
SB1073	<2	N	N	20	500	N	300	N	150	N	300
SB1074	N	N	N	20	200	N	200	N	100	N	200
SB1075	N	N	N	10	200	N	50	10	70	N	100
SB1076	N	N	N	50	200	20	<50	N	150	N	150
SB1077	N	N	N	150	200	N	<50	N	200	N	150
SB1078	N	N	N	30	150	N	<50	N	150	N	200
SB1079	N	N	N	30	150	N	<50	N	150	N	150
SB1081	N	N	N	15	300	<10	N	N	50	<10	20
SB1082	N	N	N	20	150	10	<50	N	<50	10	20
SB1083	N	N	N	20	100	N	100	N	100	N	50
SB1084	N	N	N	10	150	N	500	N	50	N	200
SB1085	N	N	N	20	50	N	<50	N	150	N	100
SB1086	N	N	N	70	70	20	150	N	150	200	150
SB1089	N	N	N	70	100	N	300	N	150	N	50
SB1090	N	N	N	20	100	N	<50	N	70	N	150
SB1095	N	N	N	<10	20	N	2,000	N	100	N	150
SB1096	N	N	N	<10	30	N	2,000	N	150	N	100
SB1098	N	N	N	20	100	N	N	N	100	N	150
SB1099	N	N	N	N	30	N	300	30	50	N	50
SB1100	N	N	N	10	100	N	50	N	100	N	150
SB1101	N	N	N	20	150	N	50	N	100	N	150
SB1102	N	N	N	30	150	N	<50	N	100	N	150
SB1103	15	N	N	20	150	N	N	N	150	N	70
SB1104	N	50	N	20	150	N	N	N	100	N	70
SB1105	N	N	N	30	200	N	<50	N	100	N	200
SB1106	N	30	N	30	200	N	N	N	100	N	2,000
SB1107	N	N	N	<10	100	20	200	N	50	N	150
SB1108	N	N	N	10	200	20	<50	N	100	N	150
SB1109	N	N	N	10	200	N	<50	N	150	N	1,000
SB1110	N	N	N	10	200	10	N	N	70	N	200
SB1111	N	N	N	20	2,000	N	N	N	100	200	20
SB1112	N	N	N	10	150	<10	N	N	150	N	200
SB1114	N	N	N	10	100	N	200	N	100	N	20
SB1115	N	N	N	10	100	700	<50	N	100	N	100
SB1116	N	N	N	10	150	N	N	N	100	N	50
SB1117	N	N	N	10	100	50	700	N	100	N	70
SB1118	N	N	N	10	100	N	N	N	100	N	50
SB1120	N	N	N	10	100	N	50	<10	100	10	50
SB1123	N	N	N	50	150	20	500	<10	70	20	100
SB1124	N	N	N	10	100	N	200	N	100	N	150
SB1128	N	N	N	15	150	20	N	N	100	N	20
SB1129	N	N	N	100	150	700	N	N	100	<10	100
SB1131	N	N	N	10	100	500	N	N	100	N	150
SB1135	N	N	N	10	100	N	2,000	<10	100	N	150

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB1072	N	50	50	1,000	200	N	200	1,000	200	N
SB1073	N	70	50	500	200	N	200	500	500	N
SB1074	N	50	N	1,500	500	N	150	<500	500	N
SB1075	N	30	N	1,500	300	300	150	<500	200	N
SB1076	N	30	100	500	200	N	200	1,000	500	N
SB1077	N	30	30	200	200	N	150	1,000	500	N
SB1078	N	50	50	200	200	N	150	1,000	500	N
SB1079	N	50	20	200	150	N	150	1,000	500	N
SB1081	N	50	N	500	500	N	150	<500	1,000	N
SB1082	N	50	N	1,000	500	N	100	<500	1,000	N
SB1083	N	<10	N	500	200	N	100	<500	1,000	N
SB1084	N	30	N	1,000	300	N	200	N	>2,000	N
SB1085	N	20	20	200	200	N	150	500	1,000	N
SB1086	N	10	200	200	200	N	150	<500	1,000	N
SB1089	N	20	<20	700	300	N	200	500	1,000	N
SB1090	N	50	<20	N	150	N	100	1,000	100	N
SB1095	N	20	20	2,000	200	N	500	N	>2,000	2,000
SB1096	N	20	70	1,500	200	N	500	N	>2,000	200
SB1098	N	30	<20	<200	150	N	100	700	500	N
SB1099	N	10	50	N	100	100	500	<500	>2,000	200
SB1100	N	20	20	1,000	200	150	200	500	700	N
SB1101	N	30	<20	500	150	N	200	500	200	N
SB1102	N	50	<20	200	150	N	150	700	200	N
SB1103	N	30	50	500	200	N	200	500	500	N
SB1104	N	30	50	500	200	200	150	500	200	N
SB1105	N	70	20	700	200	N	150	700	200	N
SB1106	N	20	50	700	300	500	100	500	200	N
SB1107	N	20	70	700	100	N	150	<500	300	N
SB1108	N	20	20	700	500	200	200	1,000	700	N
SB1109	N	20	<20	1,500	300	100	150	700	500	N
SB1110	N	20	50	1,000	500	5,000	200	700	500	N
SB1111	N	30	N	N	300	N	150	<500	700	N
SB1112	N	20	<20	N	300	N	500	<500	1,000	N
SB1114	N	10	20	N	200	N	700	500	300	N
SB1115	N	20	20	<200	200	N	200	2,000	300	N
SB1116	N	20	<20	N	300	N	500	500	300	N
SB1117	N	20	20	N	200	N	500	500	300	N
SB1118	N	20	30	N	200	N	1,000	500	300	N
SB1120	N	20	20	500	200	N	500	500	200	N
SB1123	N	20	20	1,000	200	N	200	<500	200	N
SB1124	N	20	20	500	200	N	300	500	200	N
SB1128	N	20	50	N	150	N	500	700	200	N
SB1129	N	30	50	500	150	N	500	700	200	N
SB1131	N	20	20	N	500	N	300	500	700	N
SB1135	N	30	70	1,000	300	N	700	N	>2,000	200

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB1136	65 52 34	162 53 34	1.5	.50	7.00	>2.0	300	N	N	N	200	1,000
SB1137	65 54 23	162 59 3	2.0	2.00	7.00	>2.0	300	<1.0	N	N	100	1,000
SB1139	65 56 49	162 57 42	2.0	1.50	5.00	>2.0	500	<1.0	N	N	150	500
SB1146	65 59 27	163 11 1	5.0	.20	5.00	>2.0	700	2.0	N	N	150	700
SB1147	65 57 45	163 9 46	30.0	.20	.50	1.0	100	5.0	2,000	N	20	2,000
SB1148	65 27 41	162 6 59	1.5	.20	2.00	>2.0	200	<1.0	N	N	500	1,000
SB1149	65 29 10	162 10 48	1.5	1.00	10.00	>2.0	700	N	N	N	700	700
SB1150	65 29 25	162 5 9	10.0	.30	7.00	2.0	300	N	N	N	100	10,000
SB1151	65 29 56	162 3 22	1.5	.30	10.00	>2.0	700	1.0	N	N	100	100
SB1152	65 31 58	162 2 4	2.0	.20	1.50	>2.0	200	5.0	N	N	100	700
SB1153	65 32 41	162 4 48	2.0	.20	2.00	>2.0	200	<1.0	N	N	100	500
SB1154	65 32 55	162 4 54	1.0	.50	2.00	>2.0	200	N	N	N	100	500
SB1155	65 34 41	162 0 8	1.5	.10	2.00	>2.0	200	N	N	N	50	500
SB1156	65 36 0	162 0 20	1.0	.10	1.50	>2.0	200	N	N	N	150	200
SB1157	65 37 58	162 2 12	1.0	.10	.50	>2.0	100	N	N	N	150	500
SB1158	65 36 21	162 5 10	3.0	.10	1.50	>2.0	300	2.0	500	N	200	700
SB1159	65 36 14	162 5 7	1.0	.20	7.00	>2.0	500	N	N	N	20	100
SB1160	65 33 56	162 10 1	1.0	.70	10.00	2.0	500	N	N	N	50	150
SB1161	65 33 49	162 9 47	.7	.50	10.00	2.0	200	3.0	N	N	20	100
SB1162	65 38 6	162 10 0	7.0	.10	1.00	>2.0	200	N	N	N	200	500
SB1163	65 38 10	162 10 26	2.0	.15	.50	>2.0	500	N	N	N	200	500
SB1164	65 39 8	162 9 11	2.0	.15	.50	>2.0	500	N	N	N	200	700
SB1165	65 39 6	162 8 42	3.0	.10	.70	>2.0	500	N	N	N	200	1,000
SB1166	65 40 27	162 29 42	1.0	.10	2.00	>2.0	1,000	N	N	N	<20	<50
SB1167	65 39 42	162 32 12	1.0	.10	2.00	>2.0	1,000	N	N	N	<20	<50
SB1171	65 40 15	162 41 58	2.0	.70	5.00	>2.0	500	N	N	N	500	<50
SB1172	65 45 58	162 45 51	2.0	.70	5.00	>2.0	500	N	N	N	500	<50
SB1174	65 43 54	162 32 35	.7	.05	2.00	>2.0	1,000	N	N	N	<20	<50
SB1176	65 28 22	162 33 10	1.0	.20	1.00	>2.0	300	<1.0	N	N	50	500
SB1177	65 29 26	162 31 47	15.0	.10	.50	2.0	100	<1.0	N	N	50	5,000
SB1178	65 29 8	162 31 52	10.0	.10	.70	>2.0	200	N	N	N	100	1,000
SB1179	65 29 18	162 38 37	1.0	1.00	2.00	>2.0	500	N	N	N	20	1,000
SB1180	65 29 53	162 40 33	1.5	2.00	5.00	>2.0	1,000	N	N	N	50	1,000
SB1181	65 55 48	163 20 10	1.5	.20	5.00	>2.0	500	20.0	N	N	150	500
SB1182	65 55 40	163 20 20	1.0	.70	5.00	>2.0	1,500	300.0	N	N	50	150
SB1183	65 53 59	163 21 55	5.0	.30	10.00	>2.0	500	20.0	N	N	20	150
SB1184	65 54 2	163 22 16	1.0	.20	5.00	>2.0	150	N	N	N	70	200
SB1185	65 56 44	163 21 26	1.0	.20	5.00	>2.0	500	2.0	N	N	100	200
SB1186	65 56 37	163 21 48	5.0	.20	5.00	>2.0	1,500	<1.0	N	N	100	300
SB1187	65 55 5	163 22 58	5.0	.30	7.00	>2.0	500	100.0	N	N	100	150
SB1188	65 55 22	163 22 49	1.0	.30	7.00	>2.0	500	N	N	N	100	150
SB1189	65 56 25	163 17 48	15.0	.30	5.00	>2.0	700	N	N	N	200	1,000
SB1190	65 58 4	163 18 19	5.0	.20	3.00	>2.0	700	N	N	N	200	1,000
SB1191	65 58 8	163 18 43	7.0	.20	5.00	>2.0	500	N	N	<20	50	1,000
SB1192	65 59 13	163 19 39	10.0	2.00	5.00	>2.0	3,000	N	N	N	500	200

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB1136	N	N	N	10	300	N	300	N	150	N	50
SB1137	N	N	N	20	100	<10	200	N	150	20	70
SB1139	N	N	N	20	150	N	300	N	150	N	20
SB1146	N	N	N	50	100	500	300	N	100	150	100
SB1147	N	N	N	500	50	100	200	N	<50	1,000	500
SB1148	N	N	N	<10	300	N	<50	N	200	N	100
SB1149	N	N	N	<10	200	N	50	N	50	<10	150
SB1150	N	N	N	300	150	100	100	<10	70	200	100
SB1151	N	N	N	10	300	N	<50	N	100	N	2,000
SB1152	N	N	N	20	300	N	N	N	100	N	1,000
SB1153	N	N	N	N	200	N	N	N	100	N	150
SB1154	N	N	N	N	150	N	N	N	50	N	150
SB1155	N	N	N	N	200	N	N	N	70	N	100
SB1156	N	N	N	N	150	N	N	N	200	N	100
SB1157	N	N	N	N	150	N	N	N	200	N	300
SB1158	N	2,000	N	300	300	N	N	N	<50	100	100
SB1159	N	50	N	N	200	N	N	N	50	N	100
SB1160	N	N	N	N	300	N	100	N	<50	N	150
SB1161	N	200	N	N	200	N	200	N	<50	N	300
SB1162	N	2,000	N	200	100	50	N	N	50	200	100
SB1163	N	N	N	20	200	N	N	N	100	N	150
SB1164	N	N	N	20	150	N	N	N	70	N	100
SB1165	N	N	N	70	200	N	N	N	70	N	100
SB1166	N	N	N	<10	50	N	>2,000	50	200	N	50
SB1167	N	N	N	<10	50	N	>2,000	50	200	N	50
SB1171	N	N	N	20	150	N	N	N	<50	N	<20
SB1172	N	N	N	20	150	N	N	N	<50	N	<20
SB1174	N	N	N	<10	50	N	>2,000	100	150	N	100
SB1176	N	N	N	<10	20	N	100	N	70	N	100
SB1177	N	100	N	50	70	20	N	N	50	100	20
SB1178	<2	50	N	70	200	<10	<50	N	100	<10	150
SB1179	N	N	N	<10	150	N	N	N	70	N	70
SB1180	<2	N	N	<10	200	N	N	N	70	N	<20
SB1181	<2	N	N	20	200	N	N	N	100	<10	>50,000
SB1182	N	N	N	<10	100	10	N	N	50	N	>50,000
SB1183	N	N	N	100	100	10	N	<10	100	100	20,000
SB1184	<2	N	N	<10	200	N	100	N	50	N	300
SB1185	N	N	N	<10	150	N	N	<10	100	N	5,000
SB1186	N	N	N	20	200	N	N	N	100	<10	3,000
SB1187	N	N	N	50	100	100	N	<10	70	100	15,000
SB1188	<2	N	N	N	150	N	N	N	70	N	3,000
SB1189	N	N	300	100	100	100	N	10	70	300	3,000
SB1190	N	N	N	70	100	20	<50	N	70	150	500
SB1191	N	N	N	100	100	20	100	N	70	150	300
SB1192	N	N	N	20	200	N	200	N	50	20	200

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB1136	700	20	30	1,000	150	N	300	500	1,500	N
SB1137	1,500	10	20	1,000	200	100	150	<500	700	N
SB1139	N	20	70	700	500	100	500	500	2,000	N
SB1146	N	10	<20	700	200	<100	200	<500	200	N
SB1147	500	<10	N	N	70	N	30	<500	100	N
SB1148	N	20	30	1,000	500	<100	100	500	500	N
SB1149	N	30	N	2,000	700	N	150	N	300	N
SB1150	N	30	N	1,000	300	<100	150	<500	700	N
SB1151	N	30	50	1,000	500	N	100	<500	500	N
SB1152	N	20	50	N	200	200	200	N	1,500	N
SB1153	N	50	50	500	200	500	100	N	500	N
SB1154	N	20	<20	500	200	<100	200	N	2,000	N
SB1155	N	20	20	500	200	<100	150	N	2,000	N
SB1156	N	10	20	<200	150	700	150	N	700	N
SB1157	N	20	20	N	150	200	150	N	500	N
SB1158	N	20	<20	N	100	5,000	200	N	100	N
SB1159	N	30	<20	1,000	200	100	100	N	300	N
SB1160	N	50	<20	1,000	200	100	150	N	200	N
SB1161	N	30	20	1,000	200	1,000	100	N	500	N
SB1162	N	50	<20	N	100	500	150	N	200	N
SB1163	N	70	<20	N	100	<100	150	N	200	N
SB1164	N	50	20	N	100	<100	100	N	200	N
SB1165	N	50	<20	N	100	<100	100	N	300	N
SB1166	N	30	100	N	200	200	1,000	N	>2,000	1,000
SB1167	N	30	100	N	200	200	1,000	N	>2,000	1,000
SB1171	N	30	N	N	300	N	100	N	300	N
SB1172	N	30	N	N	300	N	100	N	300	N
SB1174	N	50	70	N	150	1,000	1,000	N	>2,000	1,500
SB1176	N	20	20	N	200	<100	200	500	700	N
SB1177	N	N	N	N	100	N	70	<500	200	N
SB1178	N	<10	500	N	100	N	150	500	1,000	N
SB1179	N	30	20	700	150	N	150	500	2,000	N
SB1180	N	50	50	200	500	N	150	500	>2,000	N
SB1181	<200	10	70	200	200	300	150	<500	700	N
SB1182	1,000	N	500	200	100	<100	70	5,000	700	N
SB1183	<200	20	70	1,000	300	100	200	<500	300	N
SB1184	N	20	50	700	300	<100	150	N	>2,000	N
SB1185	N	15	20	200	200	<100	150	<500	2,000	N
SB1186	N	20	70	200	500	500	150	500	100	N
SB1187	N	10	20	500	150	<100	200	500	>2,000	N
SB1188	N	10	<20	1,000	200	1,000	100	N	700	N
SB1189	<200	15	50	500	200	<100	200	5,000	300	N
SB1190	N	15	<20	500	200	300	200	<500	1,000	N
SB1191	N	15	20	500	200	200	200	<500	1,500	N
SB1192	<200	50	N	1,000	500	N	100	N	300	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB1193	65 57 1	163 26 13	1.0	.20	7.00	>2.0	500	N	N	N	150	200
SB1194	65 57 9	163 26 12	1.0	.50	10.00	>2.0	1,000	N	N	N	100	2,000
SB1195	65 57 39	163 28 23	1.0	.20	5.00	>2.0	1,500	N	N	N	150	5,000
SB1196	65 57 40	163 27 55	10.0	.10	1.50	1.5	200	N	N	N	20	1,500
SB1197	65 58 17	163 25 24	.7	.15	5.00	2.0	300	N	N	N	20	500
SB1198	65 56 16	163 27 32	1.0	.15	7.00	2.0	300	N	N	N	<20	<50
SB1199	65 56 19	163 28 34	.7	.15	7.00	>2.0	300	N	N	N	20	1,500
SB1200	65 56 37	163 28 50	5.0	.15	2.00	>2.0	200	N	N	N	<20	1,000
SB1201	65 55 57	163 29 29	.7	.20	5.00	>2.0	100	N	N	N	20	1,500
SB1202	65 58 46	163 30 28	.7	.10	2.00	2.0	100	N	N	N	50	700
SB1203	65 58 44	163 30 48	.7	.15	5.00	>2.0	500	N	N	N	<20	200
SB1204	65 57 55	163 36 55	5.0	.15	2.00	>2.0	100	N	N	N	50	3,000
SB1207	65 55 34	163 35 15	1.0	.70	2.00	>2.0	200	N	N	N	500	7,000
SB1208	65 53 21	163 32 36	10.0	.10	1.00	1.5	200	5.0	N	N	<20	>10,000
SB1209	65 53 54	163 29 47	10.0	.10	1.50	1.0	150	1.0	N	N	20	10,000
SB1210	65 54 2	163 29 28	15.0	.15	1.50	2.0	200	2.0	N	N	100	5,000
SB1212	65 32 2	162 44 2	2.0	.70	2.00	>2.0	700	N	N	N	20	200
SB1213	65 32 7	162 44 17	5.0	2.00	2.00	2.0	1,000	N	N	N	<20	700
SB1214	65 31 16	162 51 7	3.0	5.00	5.00	1.5	1,500	N	N	N	<20	<50
SB1215	65 27 15	162 51 42	2.0	2.00	2.00	>2.0	1,000	N	N	N	20	300
SB1216	65 28 9	162 54 15	2.0	3.00	5.00	1.5	1,500	N	N	N	<20	<50
SB1217	65 25 20	162 50 6	1.0	.20	3.00	>2.0	1,000	N	N	N	<20	500
SB1218	65 24 24	162 51 46	1.0	.50	5.00	>2.0	1,000	N	N	N	<20	<50
SB1219	65 23 52	162 46 29	1.0	2.00	5.00	>2.0	1,000	N	N	N	50	<50
SB1220	65 26 13	162 45 26	1.5	2.00	5.00	>2.0	1,000	N	N	N	100	<50
SB1221	65 27 47	162 43 47	2.0	2.00	2.00	>2.0	700	N	N	N	100	200
SB1222	65 27 54	162 43 26	2.0	.70	3.00	>2.0	1,500	N	N	N	50	1,500
SB1224	65 26 15	162 34 16	.5	.20	1.00	>2.0	300	N	N	N	200	300
SB1227	65 17 50	162 34 1	.5	.05	1.00	>2.0	1,000	N	N	N	<20	<50
SB1228	65 17 38	162 36 56	1.0	1.00	1.00	>2.0	1,000	N	N	N	<20	<50
SB1229	65 17 43	162 37 8	1.0	.50	1.00	>2.0	1,000	<1.0	N	N	<20	<50
SB1230	65 19 3	162 40 34	.7	.50	1.00	>2.0	1,000	N	N	N	<20	<50
SB1231	65 19 47	162 42 48	.7	.70	1.50	2.0	500	N	N	N	20	500
SB1232	65 19 50	162 43 15	1.0	.70	2.00	>2.0	700	N	N	N	<20	<50
SB1233	65 22 4	162 38 51	.7	.70	2.00	>2.0	700	N	N	N	<20	<50
SB1234	65 20 47	162 47 41	1.0	.50	2.00	>2.0	700	N	N	N	N	<50
SB1235	65 21 20	162 36 6	1.0	.70	2.00	>2.0	700	N	N	N	100	<50
SB1236	65 20 27	162 34 7	.5	.50	1.50	>2.0	500	N	N	N	20	200
SB1237	65 21 11	162 29 12	.7	.20	2.00	>2.0	500	N	N	N	200	<50
SB1238	65 20 2	162 25 36	.7	.50	2.00	>2.0	500	N	N	N	500	<50
SB1239	65 20 3	162 25 11	1.0	.30	2.00	>2.0	500	N	N	N	500	100
SB1240	65 18 37	162 23 21	.7	1.00	2.00	>2.0	500	N	N	N	500	<50
SB1241	65 18 31	162 23 8	.7	.70	2.00	>2.0	500	N	N	N	50	50
SB1242	65 18 1	162 20 0	3.0	1.00	2.00	2.0	500	N	N	N	200	1,000
SB1243	65 16 16	162 21 21	1.0	7.00	2.00	2.0	500	N	N	N	200	2,000

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB1193	N	N	N	20	200	N	N	N	100	N	200
SB1194	N	N	N	<10	100	N	<50	N	50	N	200
SB1195	N	N	N	20	100	N	N	N	100	N	100
SB1196	N	N	N	70	50	<10	N	N	50	50	100
SB1197	N	N	N	<10	50	N	<50	N	50	N	150
SB1198	N	N	N	<10	50	N	<50	N	70	N	20
SB1199	N	N	N	<10	50	N	50	N	50	N	100
SB1200	N	N	N	50	50	10	N	N	50	50	100
SB1201	20	N	N	<10	30	N	N	N	50	N	20
SB1202	<2	N	N	<10	30	N	<50	N	70	N	1,500
SB1203	<2	N	N	<10	30	N	<50	N	50	N	50
SB1204	N	N	N	50	50	10	100	N	70	50	100
SB1207	N	N	N	20	200	20	1,000	N	70	50	20
SB1208	N	N	N	200	<20	300	50	N	50	1,000	50
SB1209	N	N	N	100	<20	200	N	N	<50	500	50
SB1210	N	N	200	100	50	500	<50	100	50	500	200
SB1212	N	N	N	20	100	10	N	20	50	<10	<20
SB1213	N	N	N	50	300	50	100	N	50	100	<20
SB1214	N	N	N	30	1,000	<10	<50	N	N	100	N
SB1215	N	N	N	20	300	<10	1,000	20	150	10	70
SB1216	N	N	N	30	1,000	<10	200	20	<50	100	N
SB1217	N	N	N	10	30	N	700	10	100	N	70
SB1218	N	N	N	10	20	N	1,000	10	100	N	N
SB1219	N	N	N	10	50	N	1,000	10	100	N	<20
SB1220	<2	N	N	20	300	N	700	<10	100	10	<20
SB1221	N	N	N	20	300	20	300	N	70	<10	<20
SB1222	N	N	N	30	70	10	N	N	50	10	<20
SB1224	N	N	N	10	50	N	<50	N	50	N	50
SB1227	N	N	N	10	20	N	500	10	70	N	N
SB1228	N	N	N	10	70	N	>2,000	10	100	N	N
SB1229	N	N	N	10	20	N	700	10	100	N	N
SB1230	N	200	N	10	20	N	1,000	10	100	N	N
SB1231	<2	N	N	<10	30	N	500	20	100	N	<20
SB1232	N	N	N	10	30	N	1,000	10	150	N	N
SB1233	N	N	N	<10	20	<10	700	10	100	N	20
SB1234	N	N	N	<10	20	N	1,000	10	100	N	<20
SB1235	N	N	N	<10	50	N	700	10	100	N	<20
SB1236	N	N	N	<10	100	10	2,000	<10	100	N	20
SB1237	N	N	N	<10	50	N	700	20	100	N	N
SB1238	<2	N	N	<10	30	N	700	20	100	N	N
SB1239	N	N	N	<10	70	N	500	10	100	N	<20
SB1240	N	N	N	<10	70	N	500	<10	100	N	<20
SB1241	N	N	N	<10	30	N	500	20	150	N	N
SB1242	<2	N	N	50	30	20	200	<10	100	50	20
SB1243	<2	N	N	20	30	N	50	<10	50	N	150

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB1193	N	20	50	500	300	100	200	<500	>2,000	N
SB1194	N	10	<20	700	100	N	100	N	700	N
SB1195	N	20	50	200	200	N	200	<500	1,000	N
SB1196	N	<10	N	200	100	100	70	<500	200	N
SB1197	N	<10	N	700	100	N	150	<500	500	N
SB1198	N	<10	20	700	100	<100	150	<500	1,000	N
SB1199	N	<10	<20	1,000	100	<100	150	<500	700	N
SB1200	N	<10	N	200	100	<100	100	<500	500	N
SB1201	N	N	N	500	70	N	100	N	300	N
SB1202	N	<10	N	500	100	N	150	<500	700	N
SB1203	N	<10	N	500	100	N	100	<500	300	N
SB1204	N	20	30	<200	100	200	150	<500	300	N
SB1207	N	20	30	200	100	100	500	N	>2,000	N
SB1208	N	<10	N	500	70	200	100	N	100	N
SB1209	N	N	N	500	50	200	100	N	200	N
SB1210	N	<10	N	200	100	300	100	2,000	500	N
SB1212	N	20	N	N	700	N	70	<500	500	N
SB1213	N	50	<20	N	500	N	100	N	1,500	N
SB1214	N	70	50	200	500	N	100	N	1,500	N
SB1215	N	50	70	<200	200	N	500	N	>2,000	N
SB1216	N	70	50	N	500	N	200	N	1,000	N
SB1217	N	20	100	500	200	N	700	<500	2,000	N
SB1218	N	10	100	N	200	N	700	<500	>2,000	N
SB1219	N	10	100	N	200	N	500	<500	1,000	N
SB1220	N	50	100	N	200	N	500	<500	1,000	N
SB1221	N	50	30	500	300	N	200	<500	2,000	N
SB1222	N	20	N	300	500	N	70	<500	300	N
SB1224	N	10	N	<200	100	100	100	<500	300	N
SB1227	N	20	100	N	200	N	1,500	<500	>2,000	N
SB1228	N	30	500	N	200	<100	1,000	<500	>2,000	<200
SB1229	N	30	200	N	200	N	1,000	<500	>2,000	N
SB1230	N	10	1,000	N	200	N	700	<500	>2,000	N
SB1231	N	10	50	200	70	N	200	<500	500	N
SB1232	N	10	100	N	100	<100	500	<500	1,000	<200
SB1233	N	10	70	N	100	N	300	<500	500	N
SB1234	N	20	70	N	100	N	300	<500	1,000	<200
SB1235	N	10	200	N	100	<100	500	<500	1,000	<200
SB1236	N	50	200	N	100	<100	500	<500	2,000	500
SB1237	N	20	150	N	100	100	700	<500	>2,000	<200
SB1238	N	10	50	N	70	<100	700	<500	500	N
SB1239	N	10	50	N	100	<100	500	<500	1,000	N
SB1240	N	10	50	N	100	150	500	<500	300	N
SB1241	N	10	30	N	100	N	500	<500	500	N
SB1242	N	<10	30	N	50	N	200	N	500	N
SB1243	N	<10	100	N	50	200	150	N	300	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB1244	65 17 58	162 19 14	1.0	5.00	2.00	2.0	500	N	N	N	500	7,000
SB1245	65 18 2	162 16 19	10.0	.20	1.00	2.0	100	<1.0	N	N	200	5,000
SB1246	65 17 58	162 16 1	5.0	.30	1.00	>2.0	200	<1.0	N	N	200	>10,000
SB1247	65 14 31	163 48 1	.7	.50	1.50	>2.0	200	N	N	N	2,000	500
SB1248	65 14 31	163 48 20	1.0	.50	2.00	>2.0	500	<1.0	N	N	1,500	1,500
SB1249	65 14 37	163 48 16	1.0	.50	.50	>2.0	200	<1.0	N	N	2,000	2,000
SB1250	65 13 35	163 45 10	1.0	5.00	2.00	2.0	700	N	N	N	1,000	100
SB1251	65 13 13	163 41 52	1.0	2.00	2.00	>2.0	700	<1.0	N	N	5,000	200
SB1252	65 13 8	163 41 35	1.5	3.00	2.00	>2.0	500	N	N	N	2,000	100
SB1253	65 12 21	163 43 1	.7	2.00	2.00	>2.0	700	N	N	N	2,000	100
SB1254	65 10 57	163 45 36	1.0	2.00	5.00	>2.0	500	N	N	N	100	50
SB1255	65 11 2	163 45 47	1.0	3.00	2.00	>2.0	500	N	N	N	2,000	<50
SB1256	65 11 21	163 45 0	1.0	2.00	2.00	>2.0	700	N	N	N	5,000	50
SB1257	65 9 45	163 43 58	.7	1.00	5.00	>2.0	500	N	N	N	50	<50
SB1258	65 9 50	163 44 10	.7	5.00	5.00	2.0	300	N	N	N	<20	<50
SB1259	65 9 22	163 41 6	.5	2.00	2.00	>2.0	300	N	N	N	<20	<50
SB1260	65 8 2	163 50 36	.7	5.00	5.00	>2.0	500	N	N	N	200	<50
SB1261	65 7 55	163 51 54	.5	.30	5.00	>2.0	500	N	N	N	<20	<50
SB1262	65 10 1	163 51 29	.5	.15	2.00	>2.0	200	N	N	N	<20	<50
SB1263	65 9 54	163 51 38	.5	2.00	3.00	>2.0	200	N	N	N	<20	50
SB1264	65 10 46	163 49 38	.5	3.00	3.00	>2.0	500	N	N	N	1,000	<50
SB1265	65 10 41	163 49 33	.5	1.00	3.00	>2.0	200	N	N	N	20	<50
SB1266	65 13 41	163 52 46	.7	1.50	1.00	>2.0	700	N	N	<20	5,000	500
SB1267	65 13 33	163 52 50	.7	.70	2.00	>2.0	700	N	N	N	300	500
SB1268	65 58 22	163 46 11	1.0	.10	3.00	>2.0	100	N	N	N	50	<50
SB1274	65 46 43	163 54 49	1.0	.20	1.50	>2.0	150	N	N	N	200	200
SB1275	65 45 31	163 59 2	.5	.20	1.00	>2.0	100	N	N	N	50	3,000
SB1279	65 46 43	163 35 30	1.0	1.00	3.00	>2.0	200	<1.0	5,000	N	20	<50
SB1280	65 49 0	163 28 14	1.0	.10	1.50	>2.0	100	<1.0	N	N	20	1,000
SB1281	65 49 10	163 28 14	.5	.10	3.00	>2.0	100	<1.0	N	N	50	5,000
SB1282	65 49 33	163 26 45	.2	.05	2.00	>2.0	50	N	N	N	50	1,000
SB1283	65 50 26	163 25 58	.5	.20	5.00	2.0	150	N	N	N	150	1,000
SB1284	65 5 4	162 14 30	.5	.70	5.00	2.0	200	N	N	N	500	500
SB1285	65 0 48	162 23 53	.5	2.00	7.00	2.0	700	N	N	N	500	<50
SB1286	65 0 53	162 24 6	.1	15.00	10.00	.5	150	N	N	N	N	N
SB1287	65 1 5	162 24 19	1.0	10.00	20.00	2.0	700	N	N	N	200	<50
SB1288	65 1 38	162 22 50	1.0	7.00	20.00	>2.0	700	N	N	N	200	<50
SB1289	65 3 12	162 23 18	.7	1.00	7.00	>2.0	500	N	N	N	200	200
SB1290	65 3 21	162 23 23	1.5	1.00	10.00	>2.0	700	N	N	N	500	200
SB1291	65 4 14	162 23 0	1.0	1.50	10.00	>2.0	700	N	N	N	200	<50
SB1292	65 4 35	162 20 59	1.0	.70	5.00	>2.0	700	N	N	N	500	200
SB1293	65 4 24	162 21 2	1.0	2.00	5.00	>2.0	700	N	N	N	500	100
SB1294	65 1 31	162 15 53	.7	2.00	7.00	>2.0	1,500	N	N	N	500	<50
SB1295	65 1 3	162 14 52	.7	.50	5.00	>2.0	1,500	N	N	N	100	200
SB1296	65 2 12	162 13 35	1.0	.50	2.00	>2.0	2,000	N	N	N	100	150

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB1244	<2	N	N	20	50	10	100	N	70	N	<20
SB1245	N	N	N	100	50	100	N	N	50	200	70
SB1246	N	N	N	50	70	50	1,000	N	70	100	500
SB1247	<2	N	N	10	150	N	100	<10	100	N	<20
SB1248	N	N	N	10	150	<10	100	N	100	N	<20
SB1249	N	N	N	20	200	N	100	N	200	N	<20
SB1250	2	N	N	<10	100	N	<50	N	70	N	<20
SB1251	10	N	N	10	150	<10	300	N	100	N	200
SB1252	N	N	N	10	200	N	200	<10	100	N	<20
SB1253	2	N	N	10	200	<10	200	N	100	N	<20
SB1254	<2	N	N	10	70	N	200	N	70	N	<20
SB1255	<2	50	N	<10	100	N	50	N	100	N	<20
SB1256	5	N	N	10	150	<10	100	N	100	N	<20
SB1257	N	N	N	<10	50	N	200	<10	100	N	<20
SB1258	<2	N	N	<10	30	N	<50	N	70	N	<20
SB1259	N	N	N	<10	30	N	100	<10	100	N	N
SB1260	<2	N	N	<10	70	<10	100	N	70	N	N
SB1261	N	N	N	<10	70	N	100	N	100	<10	N
SB1262	N	N	N	<10	100	N	100	N	100	N	<20
SB1263	N	N	N	<10	70	N	50	N	100	N	200
SB1264	<2	N	N	<10	100	N	50	N	100	N	70
SB1265	N	N	N	<10	100	N	100	N	70	N	50
SB1266	N	N	N	20	200	N	N	N	200	N	N
SB1267	N	N	N	<10	150	N	<50	N	100	N	N
SB1268	N	N	N	10	70	N	N	N	100	N	<20
SB1274	N	N	N	20	100	N	N	N	100	N	20
SB1275	N	N	N	<10	50	N	N	N	70	N	N
SB1279	N	N	N	10	200	N	N	N	150	<10	20
SB1280	N	N	N	10	150	N	N	N	70	N	150
SB1281	N	N	N	N	100	N	N	N	50	N	300
SB1282	N	N	N	N	20	N	N	N	50	N	N
SB1283	<2	N	N	<10	20	N	<50	N	50	N	20
SB1284	N	N	N	<10	150	N	N	N	50	N	20
SB1285	N	100	N	<10	70	N	50	N	70	N	<20
SB1286	N	N	N	N	<20	N	N	N	N	N	<20
SB1287	<2	N	N	<10	100	N	N	N	<50	N	150
SB1288	<2	N	N	<10	150	N	100	N	50	N	50
SB1289	<2	N	N	<10	70	N	N	N	<50	N	150
SB1290	<2	N	N	<10	150	N	N	N	50	N	50
SB1291	<2	N	N	<10	200	N	N	<10	<50	N	50
SB1292	N	N	N	<10	200	N	200	100	100	N	100
SB1293	2	700	N	10	100	N	N	20	50	N	100
SB1294	100	>2,000	N	<10	100	N	1,000	1,000	100	N	150
SB1295	30	700	N	<10	70	N	1,000	500	200	N	100
SB1296	2	N	N	<10	150	N	>2,000	30	150	N	150

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB1244	N	10	100	<200	50	<100	200	N	200	N
SB1245	N	<10	N	<200	50	N	100	<500	50	N
SB1246	N	10	N	500	100	N	100	N	100	N
SB1247	N	20	100	N	200	100	200	<500	500	N
SB1248	N	10	100	<200	500	<100	500	<500	300	N
SB1249	N	50	150	N	1,000	200	100	500	100	N
SB1250	N	15	20	N	500	<100	200	N	200	N
SB1251	N	20	200	N	500	100	500	<500	500	N
SB1252	N	30	100	200	500	<100	300	<500	700	N
SB1253	N	30	50	N	700	<100	200	<500	700	N
SB1254	N	10	100	200	100	N	500	<500	700	N
SB1255	N	10	50	N	300	150	200	<500	700	N
SB1256	N	20	50	N	500	N	200	N	500	N
SB1257	N	<10	100	200	100	N	700	<500	500	N
SB1258	N	<10	50	200	50	<100	200	N	300	N
SB1259	N	<10	100	N	70	<100	300	<500	300	N
SB1260	N	10	70	200	200	<100	200	N	300	N
SB1261	N	<10	100	N	100	<100	700	<500	500	N
SB1262	N	<10	100	N	100	150	500	<500	200	N
SB1263	N	<10	70	N	100	<100	200	<500	500	N
SB1264	N	<10	70	N	300	<100	200	<500	500	N
SB1265	N	<10	100	N	100	150	300	<500	700	N
SB1266	N	100	100	N	1,000	100	150	500	300	N
SB1267	N	<10	100	N	500	N	500	<500	700	N
SB1268	N	<10	<20	N	100	N	150	<500	100	N
SB1274	N	<10	<20	500	150	N	100	<500	700	N
SB1275	N	<10	N	N	100	N	70	<500	100	N
SB1279	N	20	20	N	100	N	500	<500	100	N
SB1280	N	20	50	500	500	5,000	70	<500	20	N
SB1281	N	20	<20	700	150	2,000	100	N	1,000	N
SB1282	N	N	N	<200	100	N	50	N	50	N
SB1283	N	<10	N	700	50	N	100	N	1,000	N
SB1284	N	<10	<20	1,000	200	<100	100	N	1,500	N
SB1285	N	10	50	1,000	100	300	200	N	500	N
SB1286	N	N	N	N	20	N	30	N	200	N
SB1287	N	20	150	700	200	100	200	N	300	N
SB1288	N	20	20	1,000	300	500	200	<500	500	N
SB1289	N	<10	1,000	500	150	1,000	150	N	>2,000	N
SB1290	N	20	700	1,000	300	1,000	150	<500	700	N
SB1291	N	20	>2,000	1,000	300	>20,000	200	<500	700	N
SB1292	N	30	200	700	200	1,000	700	N	>2,000	<200
SB1293	N	10	>2,000	700	300	5,000	100	N	1,000	N
SB1294	N	30	>2,000	200	200	>20,000	1,000	N	>2,000	200
SB1295	N	20	1,000	<200	200	5,000	1,000	N	>2,000	1,000
SB1296	N	100	100	N	200	<100	2,000	N	>2,000	500

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
			s	s	s	s	s	s	s	s	s	s
SB1297	65 2 23	162 12 58	1.5	2.00	2.00	>2.0	1,000	500.0	1,000	>1,000	5,000	700
SB1298	65 1 5	162 9 55	.5	.50	2.00	>2.0	1,000	N	N	N	200	100
SB1299	65 3 20	162 9 12	1.0	5.00	5.00	>2.0	500	N	N	N	1,000	1,000
SB1300	65 3 16	162 9 4	2.0	2.00	5.00	>2.0	700	N	N	N	200	1,000
SB1301	65 2 10	162 9 17	1.5	1.00	5.00	>2.0	500	N	N	N	500	200
SB1302	65 0 28	162 5 33	1.0	.50	5.00	>2.0	500	N	N	N	100	1,000
SB1303	65 3 31	162 1 18	1.5	.50	5.00	>2.0	700	N	N	N	100	3,000
SB1304	65 5 22	162 0 20	2.0	1.00	7.00	>2.0	1,500	N	N	N	50	1,500
SB1305	65 54 27	164 32 24	1.0	.30	1.50	>2.0	1,500	N	N	N	200	300
SB1306	65 54 38	164 32 30	1.0	.30	1.50	2.0	500	N	N	N	200	100
SB1307	65 58 57	164 31 39	7.0	.10	.50	>2.0	100	N	N	N	100	200
SB1308	65 58 31	164 40 49	.5	.05	.70	>2.0	100	N	N	N	100	300
SB1310	65 58 9	164 41 16	.7	.10	1.00	>2.0	200	N	N	N	500	1,000
SB1311	65 58 4	164 41 26	1.0	.50	.50	>2.0	500	N	N	N	2,000	1,500
SB1312	65 56 0	164 40 0	.5	.10	1.50	>2.0	150	N	N	N	300	1,000
SB1313	65 54 43	164 42 7	.7	.30	1.50	>2.0	1,000	N	N	N	1,000	1,000
SB1314	65 53 38	164 47 5	.7	.10	.30	>2.0	100	N	N	N	500	100
SB1317	65 48 3	164 53 38	2.0	.10	1.00	>2.0	50	N	N	N	150	1,000
SB1318	65 48 1	164 59 37	5.0	.20	2.00	>2.0	200	N	N	N	500	1,000
SB1319	65 49 36	164 49 26	1.5	.20	2.00	>2.0	500	N	N	N	200	500
SB1320	65 48 35	164 48 51	1.0	.20	1.00	>2.0	200	N	N	N	100	1,000
SB1321	65 47 48	164 47 14	7.0	.10	3.00	>2.0	100	10.0	N	150	150	10,000
SB1322	65 46 46	164 43 2	1.5	.30	5.00	>2.0	300	N	N	N	200	3,000
SB1323	65 46 34	164 43 5	2.0	.30	15.00	>2.0	200	N	N	N	100	1,000
SB1324	65 45 36	164 40 31	2.0	.70	2.00	>2.0	200	N	N	N	200	500
SB1325	65 45 26	164 40 39	.5	.15	10.00	>2.0	200	N	N	N	100	200
SB1326	65 49 5	164 45 43	1.0	.15	2.00	>2.0	200	N	N	N	200	150
SB1327	65 47 56	164 42 23	1.0	.20	5.00	>2.0	200	N	N	N	150	150
SB1329	65 50 5	164 37 58	1.5	.20	1.50	>2.0	1,000	N	N	N	100	100
SB1330	65 49 55	164 38 10	1.0	.50	2.00	>2.0	200	N	N	N	100	700
SB1331	65 48 54	164 36 10	1.0	.70	5.00	>2.0	200	10.0	N	N	200	700
SB1332	65 50 18	164 40 21	1.0	.20	1.00	>2.0	200	N	N	N	300	200
SB1333	65 51 8	164 43 9	.5	.10	1.00	>2.0	200	N	N	N	100	100
SB1334	65 51 49	164 38 43	.5	.20	1.00	>2.0	300	N	N	N	100	500
SB1335	65 51 58	164 38 50	1.0	.20	2.00	>2.0	1,000	N	N	N	200	100
SB1336	65 50 57	164 35 59	.2	.70	1.50	>2.0	300	N	N	N	500	150
SB1337	65 46 20	164 30 6	1.5	.50	10.00	>2.0	300	N	N	N	200	5,000
SB1338	65 46 9	164 30 12	.5	.20	5.00	2.0	150	N	N	N	50	700
SB1343	65 42 10	163 27 29	.5	2.00	1.50	1.0	200	N	N	N	<20	<50
SB1345	65 44 47	163 27 32	.7	2.00	1.50	2.0	200	N	N	N	50	<50
SB1346	65 45 32	163 19 34	1.0	3.00	2.00	2.0	500	N	N	N	100	100
SB1347	65 45 42	163 19 23	.5	2.00	5.00	2.0	200	N	N	N	100	100
SB1348	65 44 26	163 17 23	.5	5.00	5.00	1.0	500	N	N	N	30	<50
SB1349	65 46 24	163 21 41	.7	.20	5.00	>2.0	150	N	N	N	200	200
SB1350	65 46 18	163 21 52	2.0	1.00	2.00	1.5	200	1.0	1,500	N	100	3,000

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB1297	N	N	N	10	300	N	200	<10	100	N	100
SB1298	2	>2,000	N	<10	70	N	500	700	100	N	150
SB1299	N	N	N	20	500	20	<50	N	50	N	50
SB1300	N	N	N	30	300	50	<50	N	200	<10	50
SB1301	N	N	N	30	300	50	50	N	100	N	20
SB1302	N	N	N	20	200	N	N	N	50	N	50
SB1303	N	N	N	20	200	N	50	N	100	N	20
SB1304	N	N	N	20	200	<10	<50	N	50	10	<20
SB1305	2	N	N	<10	70	N	200	150	100	N	70
SB1306	N	N	N	20	300	N	100	200	100	N	<20
SB1307	N	N	N	100	70	20	N	N	70	50	100
SB1308	5	500	N	N	30	N	<50	N	50	N	70
SB1310	5	<20	N	N	100	N	50	N	50	N	100
SB1311	2	<20	N	N	50	N	N	N	<50	N	70
SB1312	<2	200	N	N	100	N	N	N	<50	N	100
SB1313	N	<20	N	<10	100	N	50	N	<50	N	70
SB1314	2	N	N	N	200	N	N	N	<50	N	150
SB1317	N	N	N	20	100	10	50	N	100	<10	100
SB1318	N	N	N	50	200	20	100	20	50	10	100
SB1319	N	N	N	10	200	N	N	N	50	N	50
SB1320	N	N	N	50	200	20	100	N	100	N	70
SB1321	N	N	N	70	100	10	N	N	100	<10	150
SB1322	N	N	N	20	100	N	N	N	50	N	100
SB1323	N	N	N	20	70	N	N	N	50	<10	100
SB1324	N	N	N	20	100	N	N	N	50	<10	50
SB1325	N	N	N	10	100	N	100	N	50	N	100
SB1326	N	N	N	10	200	10	N	N	<50	N	70
SB1327	N	N	N	10	200	N	N	N	<50	N	<20
SB1329	N	N	N	<10	150	N	300	100	150	N	150
SB1330	N	N	N	<10	100	N	50	50	<50	N	1,000
SB1331	N	N	N	10	<20	N	N	N	70	N	3,000
SB1332	N	N	N	<10	100	N	100	100	<50	N	100
SB1333	N	N	N	<10	100	N	100	50	N	N	100
SB1334	N	200	N	N	50	N	N	100	70	N	150
SB1335	N	N	N	<10	70	N	300	100	100	N	50
SB1336	N	N	N	<10	100	N	50	150	100	N	100
SB1337	2	N	N	10	<20	N	<50	N	50	N	300
SB1338	<2	N	N	N	100	N	N	N	<50	N	30
SB1343	<2	N	N	<10	500	N	N	N	N	100	N
SB1345	N	N	N	<10	300	20	N	N	N	50	N
SB1346	2	N	N	20	100	N	N	N	50	N	20
SB1347	<2	N	N	<10	70	N	<50	N	50	N	<20
SB1348	N	N	N	10	30	N	N	N	<50	N	<20
SB1349	2	N	N	<10	100	10	<50	20	50	N	150
SB1350	<2	N	N	50	50	N	50	50	<50	50	200

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB1297	N	30	>2,000	200	300	150	500	N	>2,000	<200
SB1298	N	20	>2,000	<200	100	2,000	700	N	>2,000	300
SB1299	N	30	20	700	500	200	100	<500	500	<200
SB1300	N	30	20	700	300	<100	200	500	500	<200
SB1301	N	20	<20	500	300	N	200	500	500	<200
SB1302	N	20	<20	700	500	N	150	<500	500	N
SB1303	N	30	<20	1,000	500	N	200	<500	1,000	N
SB1304	N	30	<20	1,000	700	N	150	<500	300	N
SB1305	N	50	>2,000	N	100	1,000	3,000	N	>2,000	<200
SB1306	N	20	>2,000	N	200	20,000	200	N	>2,000	N
SB1307	N	10	700	200	100	<100	200	500	>2,000	N
SB1308	N	20	>2,000	N	70	500	1,500	N	>2,000	N
SB1310	N	10	>2,000	200	100	300	2,000	N	>2,000	N
SB1311	N	10	2,000	N	100	<100	1,500	N	>2,000	N
SB1312	N	10	>2,000	200	200	1,000	500	<500	>2,000	N
SB1313	N	20	>2,000	200	200	200	700	<500	>2,000	N
SB1314	N	10	>2,000	N	200	200	200	N	>2,000	N
SB1317	N	10	50	200	200	N	200	<500	>2,000	N
SB1318	N	50	50	1,500	200	1,000	500	N	>2,000	N
SB1319	N	10	>2,000	500	300	500	200	N	>2,000	N
SB1320	N	20	<20	1,000	500	100	300	N	>2,000	N
SB1321	N	20	>2,000	2,000	200	500	300	N	>2,000	N
SB1322	N	20	50	700	300	2,000	500	N	>2,000	N
SB1323	N	<10	N	1,500	100	N	500	N	>2,000	N
SB1324	N	<10	N	700	100	N	200	N	>2,000	N
SB1325	N	10	N	1,000	100	N	700	N	>2,000	N
SB1326	N	20	2,000	500	200	1,000	300	N	>2,000	N
SB1327	N	10	700	500	200	3,000	200	N	>2,000	N
SB1329	N	50	2,000	N	100	200	2,000	N	>2,000	500
SB1330	N	30	1,000	N	200	500	1,000	N	>2,000	200
SB1331	N	10	>2,000	1,000	300	<100	300	N	>2,000	N
SB1332	N	50	1,500	N	300	500	1,000	N	>2,000	500
SB1333	N	70	>2,000	N	100	100	1,500	N	>2,000	500
SB1334	N	10	>2,000	N	50	1,500	200	N	>2,000	N
SB1335	N	50	>2,000	N	200	1,000	1,500	N	>2,000	N
SB1336	N	70	>2,000	N	300	1,000	1,500	N	>2,000	200
SB1337	N	30	>2,000	700	500	1,500	300	N	2,000	N
SB1338	N	10	100	1,000	100	N	300	N	2,000	N
SB1343	500	30	1,000	N	100	N	200	N	>2,000	N
SB1345	200	30	1,500	N	100	N	200	N	>2,000	N
SB1346	N	20	70	500	100	N	70	N	700	N
SB1347	N	10	20	500	100	N	100	N	200	N
SB1348	N	<10	N	<200	70	N	50	N	500	N
SB1349	N	15	20	700	200	N	150	N	500	N
SB1350	N	10	70	700	100	200	100	N	2,000	200

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct.	Mg-pct.	Ca-pct.	Ti-pct.	Mn-ppm	Ag-ppm	As-ppm	Au-ppm	B-ppm	Ba-ppm
			s	s	s	s	s	s	s	s	s	s
SB1351	65 47 2	163 22 55	.5	2.00	3.00	1.5	200	<1.0	N	N	100	700
SB1352	65 47 22	163 20 23	1.0	5.00	3.00	2.0	300	N	N	N	150	50
SB1353	65 48 54	163 22 20	.7	2.00	3.00	2.0	200	N	N	N	50	50
SB1354	65 47 33	163 24 24	3.0	1.00	5.00	2.0	150	1.0	N	N	70	2,000
SB1355	65 51 59	163 28 47	1.5	.30	7.00	1.5	500	N	1,500	N	50	5,000
SB1356	65 51 50	163 28 42	5.0	.10	1.50	2.0	150	<1.0	N	N	50	>10,000
SB1357	65 52 17	163 19 53	.5	.10	1.50	>2.0	50	N	N	N	50	1,000
SB1358	65 50 27	163 19 12	1.0	.30	1.50	>2.0	200	1.0	N	N	150	>10,000
SB1359	65 49 10	163 17 8	.2	5.00	5.00	.5	200	N	N	N	<20	150
SB1361	65 51 38	162 11 58	1.0	.10	.50	>2.0	50	N	N	N	100	200
SB1362	65 50 43	162 6 58	1.0	.10	.50	>2.0	50	50.0	N	300	150	200
SB1363	65 50 51	162 6 40	2.0	.10	.70	>2.0	200	20.0	N	50	200	300
SB1365	65 48 10	162 1 49	.7	.15	1.00	>2.0	150	N	N	N	200	500
SB1366	65 48 9	162 2 11	1.0	.20	1.50	>2.0	150	N	N	N	200	700
SB1367	65 47 44	162 5 40	1.5	.10	1.00	>2.0	200	N	N	N	200	700
SB1368	65 47 54	162 5 47	1.5	.10	1.00	>2.0	200	N	N	N	200	1,000
SB1369	65 45 54	162 6 38	1.5	.10	2.00	>2.0	200	N	N	N	200	1,000
SB1370	65 41 14	162 13 18	1.5	.10	.50	>2.0	150	N	N	N	200	700
SB1371	65 52 40	163 8 24	10.0	.20	1.00	2.0	200	200.0	N	300	150	2,000
SB1372	65 52 51	163 9 48	1.0	.70	5.00	>2.0	300	2.0	N	N	150	1,500
SB1373	65 52 11	163 11 10	1.5	1.00	2.00	>2.0	200	N	N	N	200	1,500
SB1374	65 53 27	163 11 27	2.0	.30	5.00	>2.0	200	N	N	N	200	3,000
SB1375	65 50 56	163 11 7	50.0	.20	1.00	1.0	300	1.0	2,000	N	20	1,000
SB1376	65 49 42	163 9 8	2.0	1.00	1.00	>2.0	100	<1.0	N	N	300	1,000
SB1377	65 49 42	163 9 45	2.0	2.00	2.00	>2.0	200	<1.0	N	N	300	700
SB1378	65 48 9	163 15 6	1.5	7.00	7.00	>2.0	1,000	1.0	N	N	200	100
SB1379	65 53 10	163 5 11	1.5	1.50	5.00	>2.0	300	N	N	N	150	700
SB1380	65 53 2	163 2 57	2.0	.70	2.00	>2.0	200	N	N	N	100	10,000
SB1381	65 49 13	163 3 48	1.0	.50	10.00	>2.0	300	N	N	N	N	500
SB1382	65 47 48	163 2 22	2.0	.50	20.00	2.0	1,000	N	N	N	50	700
SB1383	65 47 6	162 19 3	2.0	.10	1.00	>2.0	500	N	N	N	100	700
SB1384	65 50 41	162 17 49	2.0	.15	1.00	>2.0	150	<1.0	N	N	200	500
SB1385	65 45 57	162 16 46	2.0	1.00	7.00	>2.0	1,000	N	N	N	2,000	700
SB1386	65 43 52	162 17 6	2.0	.20	.10	>2.0	200	<1.0	N	N	200	1,000
SB1387	65 44 2	162 23 8	3.0	.10	.30	>2.0	150	<1.0	N	N	100	3,000
SB1388	65 43 35	162 29 48	1.0	1.00	7.00	>2.0	700	N	N	N	<20	700
SB1390	65 19 18	162 6 57	5.0	1.00	1.50	>2.0	700	N	N	N	100	1,000
SB1391	65 16 26	162 9 32	2.0	.70	2.00	>2.0	200	N	N	N	200	3,000
SB1393	65 14 39	162 15 36	1.0	.50	2.00	>2.0	300	N	N	N	200	3,000
SB1394	65 14 48	162 16 9	1.5	.50	2.00	>2.0	300	N	N	N	300	7,000
SB1396	65 13 52	162 8 35	1.5	.30	2.00	>2.0	200	N	N	N	150	5,000
SB1397	65 12 17	162 11 42	1.0	.50	2.00	>2.0	300	<1.0	N	N	200	2,000
SB1398	65 12 17	162 3 31	1.5	.50	2.00	>2.0	300	N	N	N	200	700
SB1399	65 10 5	162 2 33	3.0	.70	5.00	>2.0	500	<1.0	N	N	100	1,000
SB1400	65 9 29	162 8 13	1.0	.50	2.00	>2.0	200	<1.0	N	N	150	5,000

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB1351	<2	100	N	<10	50	N	N	100	<50	N	200
SB1352	<2	200	N	N	50	N	N	100	<50	N	20
SB1353	<2	N	N	<10	100	10	N	20	<50	N	20
SB1354	<2	N	N	30	50	N	N	N	<50	50	300
SB1355	<2	N	N	20	30	20	<50	N	<50	30	20
SB1356	<2	N	N	30	50	N	50	N	<50	100	<20
SB1357	N	N	N	10	200	N	N	N	100	N	<20
SB1358	2	N	N	10	70	N	<50	N	70	20	1,500
SB1359	N	N	N	N	<20	N	N	N	N	N	150
SB1361	N	N	N	<10	100	N	<50	N	70	N	70
SB1362	N	N	N	<10	100	N	<50	N	70	N	100
SB1363	N	N	N	20	150	N	N	N	70	N	2,000
SB1365	N	N	N	10	100	N	N	N	70	N	200
SB1366	<2	N	N	10	100	N	200	N	50	N	100
SB1367	N	N	N	20	150	N	N	N	70	N	100
SB1368	N	N	N	20	150	N	N	10	100	N	100
SB1369	N	N	N	10	100	N	N	N	70	N	70
SB1370	N	N	N	20	200	N	N	N	70	N	100
SB1371	N	N	N	100	50	10	N	N	70	200	50
SB1372	N	N	N	20	100	10	N	10	70	50	50
SB1373	N	N	N	15	150	N	N	N	100	N	<20
SB1374	N	N	N	10	500	50	200	N	150	<10	100
SB1375	<2	N	N	500	50	200	N	N	N	1,000	150
SB1376	<2	N	N	20	200	N	N	N	200	N	150
SB1377	10	500	N	70	200	N	N	50	150	50	100
SB1378	<2	2,000	N	10	100	N	N	150	70	<10	500
SB1379	50	N	N	10	200	N	<50	N	100	N	50
SB1380	<2	N	N	30	150	N	<50	N	200	<10	100
SB1381	<2	N	N	<10	100	N	N	N	100	N	70
SB1382	N	N	N	N	150	N	N	N	<50	N	200
SB1383	N	N	N	<10	100	N	N	N	200	N	150
SB1384	<2	N	N	10	100	N	50	N	100	N	200
SB1385	<2	N	N	20	150	N	50	N	100	<10	100
SB1386	N	N	N	<10	150	N	100	N	70	N	200
SB1387	<2	N	N	<10	150	N	N	N	150	N	200
SB1388	N	N	N	<10	50	N	>2,000	N	100	N	20
SB1390	N	300	N	20	1,500	N	200	N	100	N	100
SB1391	N	N	N	<10	100	N	<50	N	100	N	50
SB1393	N	N	N	<10	500	N	150	N	150	N	20
SB1394	N	N	N	20	300	N	N	N	100	N	50
SB1396	N	N	N	10	500	N	N	N	70	N	<20
SB1397	N	N	N	20	100	N	<50	N	100	N	20
SB1398	N	N	N	30	700	N	N	<10	100	N	50
SB1399	N	N	N	20	100	N	50	N	70	N	20
SB1400	N	N	N	10	500	N	<50	N	70	N	<20

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB1351	N	<10	30	500	100	1,000	100	N	700	N
SB1352	N	<10	<20	<200	100	700	50	N	200	N
SB1353	N	<10	1,000	500	100	500	100	N	200	N
SB1354	N	<10	1,000	700	100	100	100	N	500	N
SB1355	N	<10	30	1,000	70	700	150	<500	2,000	N
SB1356	N	N	<20	1,000	200	1,000	150	N	500	N
SB1357	N	10	30	200	300	100	70	N	500	N
SB1358	N	15	<20	500	200	<100	150	N	200	N
SB1359	N	N	200	N	20	<100	N	N	20	N
SB1361	N	30	<20	200	50	<100	100	<500	50	N
SB1362	N	30	50	200	100	100	100	<500	200	N
SB1363	N	30	<20	500	200	500	100	500	500	N
SB1365	N	10	<20	500	200	<100	100	<500	1,000	N
SB1366	N	10	100	1,000	200	<100	100	<500	300	N
SB1367	N	30	<20	700	200	150	150	500	1,000	N
SB1368	N	20	<20	700	200	150	150	500	500	N
SB1369	N	20	<20	1,000	150	200	150	<500	1,000	N
SB1370	N	30	<20	200	150	<100	70	700	200	N
SB1371	N	<10	N	700	150	100	70	<500	500	N
SB1372	N	10	20	700	200	100	150	<500	300	N
SB1373	N	20	200	700	300	200	100	<500	500	N
SB1374	N	20	30	1,000	200	N	200	500	500	N
SB1375	N	<10	N	200	70	N	100	N	500	N
SB1376	N	30	20	200	300	N	200	1,000	500	N
SB1377	N	30	1,000	500	200	1,000	200	500	500	N
SB1378	N	10	1,000	700	200	5,000	150	N	500	N
SB1379	N	30	20	1,000	200	100	200	N	>2,000	N
SB1380	N	20	70	1,000	200	<100	200	N	>2,000	N
SB1381	N	10	20	1,000	200	1,000	300	N	>2,000	N
SB1382	N	50	<20	2,000	1,000	200	200	N	300	N
SB1383	N	50	N	500	100	<100	100	700	500	N
SB1384	N	50	<20	500	150	N	100	700	200	N
SB1385	N	20	20	1,000	500	N	150	<500	500	N
SB1386	N	50	<20	500	100	N	100	1,000	150	N
SB1387	N	20	20	500	300	<100	100	1,000	100	N
SB1388	N	30	30	500	200	150	1,000	N	>2,000	500
SB1390	N	20	20	500	500	300	200	700	>2,000	N
SB1391	N	15	<20	1,000	300	200	150	500	700	N
SB1393	N	30	<20	500	700	N	200	500	>2,000	N
SB1394	N	20	<20	500	500	<100	200	500	1,000	N
SB1396	N	20	N	700	500	N	100	<500	500	N
SB1397	N	20	<20	500	300	N	200	500	500	N
SB1398	N	20	<20	500	500	200	150	700	1,000	N
SB1399	N	20	N	1,000	500	N	150	500	500	N
SB1400	N	20	N	500	500	N	150	<500	500	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB1401	65 7 52	162 4 56	2.0	.50	5.00	>2.0	500	<1.0	N	N	500	1,000
SB1402	65 7 59	162 5 10	2.0	1.00	3.00	>2.0	200	<1.0	N	N	500	1,000
SB1403	65 8 10	162 3 39	2.0	.50	5.00	>2.0	300	<1.0	N	N	100	500
SB1404	65 6 26	162 6 26	2.0	1.00	5.00	>2.0	200	<1.0	N	N	700	1,000
SB1405	65 6 57	162 3 22	2.0	.50	10.00	>2.0	500	<1.0	N	N	200	2,000
SB1406	65 5 39	162 5 8	2.0	.50	5.00	>2.0	500	<1.0	N	N	200	2,000
SB1407	65 55 55	162 52 18	3.0	.50	2.00	>2.0	500	N	N	N	300	1,000
SB1411	64 21 41	162 43 55	1.0	1.00	2.00	>2.0	500	N	N	N	<20	<50
SB1412	64 22 46	162 40 38	1.0	.0	2.00	>2.0	300	N	N	N	<20	N
SB1413	64 23 45	162 47 41	.7	1.00	2.00	>2.0	500	N	N	N	20	<50
SB1414	64 25 13	162 48 50	.5	.30	2.00	>2.0	200	N	N	N	<20	<50
SB1415	64 25 54	162 49 18	.3	1.00	5.00	1.0	300	N	N	N	20	<50
SB1416	64 26 52	162 50 25	.3	.70	1.50	1.0	300	N	N	N	<20	<50
SB1417	64 27 25	162 48 8	.5	1.00	2.00	>2.0	500	N	N	N	100	<50
SB1418	64 28 39	162 49 57	.5	1.50	1.00	2.0	500	N	N	N	200	<50
SB1419	64 29 11	162 49 24	.5	.70	2.00	2.0	200	N	N	N	50	<50
SB1420	64 29 52	162 47 42	.5	.70	1.50	2.0	200	N	N	N	<20	<50
SB1421	64 30 0	162 47 56	.5	1.00	2.00	2.0	500	N	N	N	100	<50
SB1422	64 31 47	162 48 26	.5	.10	1.50	2.0	150	N	N	N	<20	<50
SB1423	64 31 32	162 48 25	.3	.07	2.00	>2.0	300	N	N	N	<20	<50
SB1424	64 26 30	162 40 58	.7	2.00	3.00	>2.0	300	N	N	N	100	<50
SB1425	64 27 11	162 40 56	.7	1.00	3.00	>2.0	300	N	N	N	20	<50
SB1426	64 28 33	162 40 24	.7	1.00	3.00	>2.0	300	N	N	N	50	<50
SB1427	64 29 18	162 40 5	.7	2.00	2.00	2.0	500	N	N	N	200	<50
SB1428	64 31 54	162 41 4	.7	.15	2.00	>2.0	300	N	N	N	<20	<50
SB1429	64 32 6	162 41 1	.5	.05	1.50	>2.0	300	N	N	N	<20	50
SB1430	64 35 36	162 40 29	.5	.20	1.50	2.0	200	N	N	N	<20	<50
SB1431	64 35 56	162 42 39	1.0	.05	1.00	>2.0	200	N	N	N	N	50
SB1432	64 36 37	162 43 27	1.0	<.05	1.00	>2.0	200	N	N	N	N	<50
SB1433	64 36 45	162 43 12	1.0	.05	1.50	>2.0	200	N	N	N	N	<50
SB1434	64 37 34	162 44 36	1.0	.05	1.50	>2.0	200	N	N	N	N	<50
SB1435	64 37 38	162 44 10	.5	.07	1.50	>2.0	200	N	N	N	N	700
SB1436	64 31 10	162 51 29	.5	.10	1.00	>2.0	200	N	N	N	N	<50
SB1437	64 32 58	162 47 11	.7	.05	1.00	>2.0	200	N	N	N	N	<50
SB1438	64 32 57	162 46 51	.7	.05	1.00	>2.0	200	N	N	N	N	100
SB1439	64 33 25	162 51 51	.7	.07	1.00	>2.0	200	N	N	N	N	<50
SB1440	64 33 20	162 51 30	.2	.10	1.50	>2.0	200	N	N	N	N	<50
SB1441	64 35 17	162 55 44	.5	<.05	1.50	>2.0	200	N	N	N	N	<50
SB1442	64 36 20	162 53 10	.7	.05	1.00	>2.0	500	N	N	N	N	<50
SB1443	64 36 32	162 53 1	.7	<.05	1.50	>2.0	500	N	N	N	N	<50
SB1444	64 37 35	162 57 2	.5	<.05	1.50	>2.0	200	N	N	N	N	<50
SB1445	64 38 40	162 47 55	1.0	.05	1.50	>2.0	300	N	N	N	N	<50
SB1446	64 39 41	162 53 57	1.0	.05	1.50	>2.0	200	N	N	N	N	<50
SB1447	64 39 53	162 53 56	.7	<.05	1.00	>2.0	300	N	N	N	N	N
SB1448	64 40 45	162 59 12	1.0	.05	1.50	>2.0	200	N	N	N	<20	<50

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB1401	N	N	N	10	500	20	50	N	100	N	100
SB1402	N	N	N	30	200	20	100	N	100	20	20
SB1403	N	N	N	10	200	N	N	N	70	N	<20
SB1404	N	N	N	20	200	N	N	N	150	<10	50
SB1405	N	N	N	10	100	N	N	N	100	N	50
SB1406	N	N	N	30	200	N	50	N	100	20	50
SB1407	N	N	N	20	300	N	1,000	N	100	N	100
SB1411	N	N	N	<10	100	N	700	20	100	N	<20
SB1412	N	N	N	<10	<20	N	1,000	20	150	N	N
SB1413	N	N	N	<10	50	N	700	30	100	N	<20
SB1414	N	N	N	<10	50	N	700	10	150	N	<20
SB1415	N	N	N	N	50	N	1,000	N	N	N	N
SB1416	N	N	N	N	20	N	500	N	N	N	N
SB1417	N	N	N	<10	100	N	200	N	70	N	N
SB1418	N	N	N	<10	100	N	100	N	<50	N	N
SB1419	N	N	N	<10	50	N	500	N	<50	N	N
SB1420	N	N	N	<10	50	N	300	N	N	N	20
SB1421	N	N	N	<10	50	N	1,000	<10	50	N	20
SB1422	N	<20	N	<10	20	N	500	<10	50	N	20
SB1423	N	N	N	<10	30	N	1,000	10	50	N	20
SB1424	N	N	N	<10	50	N	500	<10	100	N	N
SB1425	N	N	N	<10	70	N	500	<10	100	N	N
SB1426	N	N	N	<10	100	N	300	<10	100	N	<20
SB1427	2	N	N	<10	70	N	100	N	70	N	<20
SB1428	N	N	N	<10	50	N	1,000	N	50	N	20
SB1429	N	N	N	<10	20	N	1,000	<10	50	N	30
SB1430	N	200	N	<10	50	N	1,000	N	50	N	100
SB1431	N	N	N	<10	20	N	1,000	20	100	N	<20
SB1432	N	N	N	30	<20	10	700	10	100	N	200
SB1433	N	N	N	30	20	10	1,000	20	200	N	150
SB1434	N	N	N	20	30	<10	1,000	20	200	N	100
SB1435	N	N	N	<10	20	N	1,000	20	200	N	<20
SB1436	N	N	N	<10	30	N	150	<10	100	N	N
SB1437	N	N	N	<10	50	N	700	30	200	N	<20
SB1438	N	N	N	<10	20	N	700	20	70	N	<20
SB1439	N	N	N	<10	100	N	150	N	100	N	<20
SB1440	N	N	N	N	20	N	500	N	100	N	<20
SB1441	N	N	N	<10	70	N	150	<10	100	N	<20
SB1442	N	N	N	<10	100	N	300	<10	150	N	<20
SB1443	N	N	N	<10	70	N	700	30	300	N	<20
SB1444	N	N	N	<10	150	N	500	<10	100	N	<20
SB1445	N	N	N	<10	30	N	700	20	200	N	<20
SB1446	N	N	N	<10	50	N	700	20	200	N	<20
SB1447	N	N	N	<10	70	N	200	30	300	N	<20
SB1448	N	N	N	<10	70	N	500	30	200	N	<20

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB1401	N	20	<20	1,000	500	100	200	<500	500	N
SB1402	N	20	<20	<200	500	<100	200	500	500	N
SB1403	N	20	N	700	500	N	150	<500	200	N
SB1404	N	20	20	200	500	100	200	500	700	N
SB1405	N	10	<20	700	500	N	150	500	150	N
SB1406	N	20	<20	700	500	N	200	500	150	N
SB1407	N	30	50	1,000	500	100	700	N	>2,000	N
SB1411	N	15	100	N	200	N	500	N	1,000	<200
SB1412	N	20	100	N	200	N	700	N	2,000	<200
SB1413	N	10	100	200	200	N	500	N	2,000	<200
SB1414	N	10	70	500	200	N	500	N	>2,000	N
SB1415	N	10	200	500	100	N	500	N	>2,000	N
SB1416	N	10	50	200	50	N	300	N	>2,000	<200
SB1417	N	<10	100	<200	200	N	200	N	>2,000	N
SB1418	N	<10	50	200	150	N	200	N	>2,000	N
SB1419	N	<10	30	<200	100	N	200	N	>2,000	N
SB1420	N	<10	50	N	100	N	500	N	>2,000	500
SB1421	N	15	70	N	150	N	500	N	>2,000	<200
SB1422	N	10	70	N	70	N	500	N	>2,000	200
SB1423	N	20	100	N	100	N	700	N	>2,000	200
SB1424	N	<10	100	<200	100	N	300	N	1,000	N
SB1425	N	10	100	N	100	N	300	N	2,000	N
SB1426	N	10	500	N	100	N	300	N	1,000	N
SB1427	N	<10	70	N	100	100	200	N	700	N
SB1428	N	15	100	N	150	N	1,000	N	>2,000	300
SB1429	N	15	70	N	100	N	500	N	>2,000	500
SB1430	N	15	70	N	100	N	700	N	>2,000	300
SB1431	N	20	70	N	200	N	700	N	>2,000	200
SB1432	N	10	70	N	100	N	500	N	>2,000	3,000
SB1433	N	20	70	N	100	N	700	N	>2,000	2,000
SB1434	N	20	70	N	200	N	500	N	>2,000	1,000
SB1435	N	20	70	700	150	N	500	N	>2,000	<200
SB1436	N	20	70	N	100	100	500	N	>2,000	300
SB1437	N	15	100	N	100	<100	700	N	>2,000	500
SB1438	N	20	70	N	200	<100	500	N	>2,000	500
SB1439	N	20	100	N	100	<100	1,000	N	>2,000	<200
SB1440	N	10	70	N	50	N	700	N	>2,000	<200
SB1441	N	<10	100	<200	70	N	700	N	>2,000	N
SB1442	N	10	200	N	100	N	1,000	N	>2,000	200
SB1443	N	10	200	N	100	<100	1,000	N	>2,000	<200
SB1444	N	10	200	N	100	100	1,500	N	>2,000	<200
SB1445	N	10	100	N	200	<100	700	N	>2,000	500
SB1446	N	15	150	N	150	<100	1,000	N	>2,000	500
SB1447	N	<10	150	N	100	100	1,000	N	>2,000	200
SB1448	N	10	500	N	100	200	1,000	N	>2,000	200

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB1449	64 42 0	162 59 15	1.0	.20	2.00	>2.0	500	N	N	N	200	700
SB1450	64 43 15	162 56 55	.7	.10	2.00	>2.0	500	N	N	N	N	<50
SB1451	64 42 45	162 56 54	.7	.10	1.50	>2.0	300	N	N	N	200	<50
SB1452	64 44 11	162 57 36	1.0	.10	2.00	>2.0	500	N	N	N	N	<50
SB1453	64 44 10	162 59 22	.7	.20	3.00	>2.0	200	N	N	N	700	100
SB1454	64 44 21	162 59 22	.5	.30	2.00	>2.0	200	N	N	N	700	1,000
SB1455	64 45 9	162 58 19	.7	1.00	1.50	>2.0	200	N	N	N	50	1,000
SB1456	64 45 3	162 57 51	.7	.10	1.50	>2.0	200	N	N	N	N	<50
SB1457	64 46 14	163 0 14	1.0	.30	2.00	>2.0	200	N	N	N	500	700
SB1458	64 46 20	162 59 51	1.0	1.00	2.00	>2.0	200	N	N	N	500	>10,000
SB1459	64 41 48	162 53 23	1.0	.05	2.00	>2.0	500	N	N	N	N	<50
SB1460	64 42 32	162 51 9	1.0	.05	2.00	>2.0	500	N	N	N	N	<50
SB1461	64 43 48	162 49 41	1.0	.20	1.50	>2.0	500	N	N	N	<20	<50
SB1462	64 44 4	162 48 28	.7	.50	1.50	>2.0	200	N	N	N	<20	50
SB1463	64 44 22	162 48 55	.7	.10	2.00	>2.0	700	N	N	N	<20	<50
SB1464	64 43 52	162 43 9	.7	.10	1.50	>2.0	500	N	N	N	<20	<50
SB1465	64 43 45	162 42 12	1.0	.15	2.00	>2.0	700	N	N	N	<20	200
SB1466	64 42 12	162 42 19	.5	3.00	2.00	>2.0	700	N	N	N	200	<50
SB1467	64 42 12	162 42 39	.7	.05	2.00	>2.0	300	N	N	N	<20	<50
SB1468	64 39 16	162 40 25	.5	.07	1.50	>2.0	300	N	N	N	<20	150
SB1469	64 40 18	162 39 30	1.0	.70	1.50	>2.0	500	N	N	N	700	50
SB1470	64 42 19	162 36 19	1.0	.10	2.00	>2.0	500	N	N	N	<20	N
SB1471	64 42 9	162 36 32	1.0	.10	1.50	>2.0	500	N	N	N	<20	N
SB1472	64 44 34	162 31 49	.5	5.00	2.00	2.0	500	N	N	N	150	<50
SB1473	64 44 24	162 32 19	1.0	.50	2.00	>2.0	200	N	N	N	100	100
SB1474	64 44 53	162 28 31	.5	.05	1.50	>2.0	1,000	N	N	N	<20	N
SB1475	64 44 58	162 28 40	.5	1.00	2.00	2.0	1,000	N	N	N	200	200
SB1476	64 46 17	162 27 59	.7	3.00	5.00	1.5	1,000	N	N	N	500	<50
SB1477	64 46 8	162 31 9	1.0	3.00	5.00	>2.0	700	N	N	N	500	700
SB1478	64 45 30	162 37 17	1.0	.20	2.00	>2.0	500	N	N	N	50	N
SB1479	64 30 59	163 20 36	.5	1.00	2.00	>2.0	500	N	N	N	500	<50
SB1480	64 29 56	163 15 3	.5	1.00	1.50	>2.0	200	N	N	N	500	50
SB1481	64 29 10	163 14 21	1.0	.50	2.00	>2.0	200	N	N	N	200	50
SB1482	64 27 2	163 14 7	1.0	.20	2.00	>2.0	300	N	N	N	200	100
SB1483	64 24 26	163 10 21	1.0	.50	1.50	>2.0	200	N	N	N	700	70
SB1484	64 26 14	163 6 52	1.0	.20	1.50	>2.0	200	<1.0	N	N	500	100
SB1485	64 26 21	163 6 49	1.0	.20	5.00	>2.0	300	N	N	N	200	50
SB1486	64 27 46	163 5 59	1.0	.50	1.50	>2.0	500	N	N	N	500	100
SB1487	64 29 2	163 6 1	.7	1.00	1.50	>2.0	500	N	N	N	500	50
SB1488	64 29 11	163 6 6	.7	1.00	2.00	>2.0	500	N	N	N	500	<50
SB1489	64 31 19	163 11 38	.5	.70	1.50	>2.0	200	N	N	N	300	<50
SB1490	64 31 45	163 14 7	.7	1.00	2.00	>2.0	300	N	N	N	300	<50
SB1491	64 32 6	163 18 2	.5	1.00	2.00	>2.0	500	N	N	N	500	70
SB1492	64 33 7	163 20 51	.3	.70	1.50	>2.0	150	N	N	N	200	<50
SB1493	64 33 26	163 23 20	1.0	.70	1.50	>2.0	500	N	N	N	700	<50

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB1449	N	N	N	<10	70	N	300	<10	200	N	<20
SB1450	N	N	N	<10	200	N	300	<10	150	N	N
SB1451	N	N	N	<10	150	N	N	10	200	N	<20
SB1452	N	20	N	<10	150	N	N	50	200	N	20
SB1453	N	<20	N	<10	100	N	N	<10	150	N	N
SB1454	N	N	N	<10	100	N	N	N	100	N	N
SB1455	N	N	N	<10	100	N	N	50	150	N	N
SB1456	N	<20	N	<10	200	N	N	20	200	N	N
SB1457	N	N	N	<10	100	N	N	N	100	N	N
SB1458	<2	N	N	<10	50	N	N	N	100	N	N
SB1459	N	N	N	<10	100	N	N	30	300	N	20
SB1460	N	N	N	<10	50	N	N	30	100	N	30
SB1461	N	N	N	10	50	N	700	20	300	N	200
SB1462	N	N	N	10	100	N	700	20	100	N	100
SB1463	N	150	N	10	50	N	300	50	300	N	50
SB1464	N	N	N	10	50	N	500	20	200	N	70
SB1465	N	<20	N	10	150	N	300	30	200	N	100
SB1466	N	100	N	10	70	N	300	<10	100	N	20
SB1467	N	N	N	10	30	N	1,000	10	100	N	70
SB1468	N	N	N	10	20	N	700	20	200	N	50
SB1469	N	2,000	N	10	100	N	500	<10	100	N	100
SB1470	N	N	N	10	50	N	1,000	10	200	N	N
SB1471	N	N	N	10	50	N	1,000	10	150	N	<20
SB1472	N	N	N	10	70	N	300	N	100	N	N
SB1473	N	N	N	10	70	N	1,000	<10	200	N	N
SB1474	N	N	N	10	<20	N	700	20	500	N	<20
SB1475	<2	20	N	10	70	N	200	20	300	N	70
SB1476	2	70	N	10	50	N	200	20	500	N	20
SB1477	2	N	N	10	200	N	200	<10	150	N	N
SB1478	N	<20	N	10	50	N	1,000	20	200	N	<20
SB1479	<2	N	N	10	100	N	200	N	150	N	20
SB1480	<2	N	N	10	150	N	100	N	150	N	30
SB1481	2	N	N	10	100	N	100	N	70	N	70
SB1482	2	N	N	10	100	<10	200	N	50	N	150
SB1483	<2	N	N	10	100	N	50	N	70	N	100
SB1484	2	N	N	10	100	N	<50	N	70	N	100
SB1485	<2	N	N	10	100	N	50	N	70	N	150
SB1486	<2	N	N	10	70	N	50	N	70	N	50
SB1487	5	N	N	10	100	N	500	N	70	N	50
SB1488	N	N	N	10	100	N	300	N	100	N	20
SB1489	N	N	N	10	100	N	200	N	100	N	<20
SB1490	3	N	N	10	150	N	300	N	100	N	<20
SB1491	<2	N	N	10	70	N	100	N	100	N	N
SB1492	N	N	N	10	150	N	150	N	100	N	N
SB1493	N	N	N	10	150	N	500	N	100	N	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB1449	N	20	100	700	100	100	500	N	>2,000	N
SB1450	N	<10	200	N	100	N	700	N	>2,000	N
SB1451	N	<10	100	200	100	N	1,000	N	>2,000	<200
SB1452	N	10	500	N	100	100	1,000	N	>2,000	200
SB1453	N	<10	200	700	100	150	500	N	>2,000	N
SB1454	N	<10	>2,000	200	100	N	500	N	1,000	N
SB1455	N	<10	200	200	100	500	700	N	>2,000	<200
SB1456	N	<10	200	N	100	<100	1,000	N	>2,000	500
SB1457	N	<10	70	200	100	200	300	N	>2,000	N
SB1458	N	<10	70	700	100	100	200	N	2,000	N
SB1459	N	10	200	N	100	N	1,000	N	>2,000	<200
SB1460	N	20	100	N	200	N	1,000	N	>2,000	500
SB1461	N	20	300	N	150	N	1,000	<500	2,000	200
SB1462	N	20	100	N	100	N	500	N	>2,000	500
SB1463	N	20	300	N	100	150	1,000	N	2,000	N
SB1464	N	20	100	500	100	N	500	N	>2,000	500
SB1465	N	10	200	700	100	200	1,000	<500	>2,000	N
SB1466	N	10	300	N	100	100	500	N	>2,000	<200
SB1467	N	20	50	N	100	N	700	N	>2,000	500
SB1468	N	15	100	<200	100	N	500	N	>2,000	<200
SB1469	N	15	>2,000	N	100	200	500	N	>2,000	N
SB1470	N	20	100	N	100	N	700	N	2,000	<200
SB1471	N	20	70	N	100	N	700	N	>2,000	200
SB1472	N	10	500	500	100	100	150	N	1,000	N
SB1473	N	15	70	500	150	N	300	N	1,000	N
SB1474	N	20	200	N	50	<100	1,500	N	>2,000	N
SB1475	N	15	100	N	50	500	500	N	2,000	N
SB1476	N	15	100	N	50	500	500	N	>2,000	N
SB1477	N	10	70	<200	100	200	200	N	700	N
SB1478	N	20	500	N	100	N	1,000	N	>2,000	<200
SB1479	N	15	50	200	100	N	200	N	700	N
SB1480	N	20	50	200	150	N	200	N	700	N
SB1481	N	10	20	500	100	N	150	<500	700	N
SB1482	N	10	<20	1,000	150	N	150	N	300	N
SB1483	N	10	<20	500	150	N	100	<500	1,000	N
SB1484	N	20	<20	500	150	N	100	<500	200	N
SB1485	N	20	<20	1,500	200	N	150	N	700	N
SB1486	N	15	20	200	150	N	150	N	1,000	N
SB1487	N	20	500	N	200	N	200	N	>2,000	N
SB1488	N	10	100	N	200	N	200	N	2,000	N
SB1489	N	10	300	N	200	N	200	N	>2,000	N
SB1490	N	15	200	N	300	N	200	N	>2,000	N
SB1491	N	10	100	N	150	N	200	N	2,000	N
SB1492	N	15	700	N	200	N	200	N	2,000	N
SB1493	N	20	200	N	300	N	300	N	>2,000	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB1494	64 33 20	163 24 58	.5	1.00	2.00	>2.0	300	N	N	N	1,500	<50
SB1495	64 34 13	163 29 1	1.0	2.00	5.00	>2.0	500	N	N	N	700	50
SB1496	64 33 44	163 29 33	.5	1.00	1.50	>2.0	300	N	N	N	500	<50
SB1497	64 38 58	163 55 7	.7	.20	2.00	>2.0	200	5.0	N	100	100	<50
SB1498	64 39 12	163 56 57	1.0	.10	2.00	>2.0	300	<1.0	N	N	100	<50
SB1499	64 37 20	163 53 6	1.0	.10	2.00	>2.0	200	N	N	N	50	50
SB1500	64 36 38	163 54 36	1.0	.15	5.00	>2.0	300	N	N	N	150	1,000
SB1501	64 37 26	163 57 27	1.5	.20	5.00	>2.0	500	<1.0	N	N	100	150
SB1502	64 35 28	163 54 26	1.5	.20	2.00	>2.0	200	<1.0	N	N	300	300
SB1503	64 35 29	163 55 24	1.5	.30	7.00	>2.0	300	<1.0	N	N	200	200
SB1504	64 36 31	163 58 29	1.5	.50	7.00	>2.0	500	<1.0	N	N	200	150
SB1505	64 34 54	163 58 36	1.5	.20	5.00	>2.0	1,000	<1.0	N	N	200	500
SB1506	64 34 2	163 56 58	1.5	.30	2.00	>2.0	200	<1.0	N	N	300	500
SB1507	64 34 45	163 51 51	1.5	.20	2.00	>2.0	700	<1.0	N	N	300	300
SB1508	64 34 49	163 51 24	1.5	.20	3.00	>2.0	700	<1.0	N	N	300	100
SB1509	64 35 57	163 50 24	1.5	.30	7.00	>2.0	1,000	N	N	N	200	100
SB1510	64 36 17	163 39 57	1.5	.20	5.00	>2.0	300	N	N	N	200	150
SB1511	64 35 33	163 37 21	1.0	.20	2.00	>2.0	200	N	N	N	200	100
SB1512	64 34 48	163 36 8	1.5	.20	3.00	>2.0	300	N	N	N	300	100
SB1513	64 42 5	163 24 37	1.0	1.00	2.00	>2.0	500	N	N	N	700	150
SB1515	64 48 46	162 23 59	1.0	.20	1.50	>2.0	1,000	N	N	N	20	50
SB1516	64 48 54	162 24 3	1.0	.10	1.50	>2.0	1,000	N	N	N	20	100
SB1517	64 50 18	162 22 6	2.0	.10	1.50	>2.0	1,000	N	N	N	50	100
SB1518	64 50 52	162 17 18	.5	.10	1.00	>2.0	700	N	N	N	20	100
SB1519	64 51 35	162 15 57	1.0	.10	1.50	>2.0	1,500	N	N	N	20	50
SB1520	64 52 55	162 14 21	.5	<.05	1.00	2.0	700	N	N	N	20	<50
SB1521	64 53 48	162 13 3	.2	.05	1.00	>2.0	500	N	N	N	20	150
SB1522	64 56 3	162 16 49	.7	.10	1.50	>2.0	1,000	N	N	N	100	300
SB1523	64 54 9	162 0 27	1.0	.15	2.00	>2.0	200	N	N	N	100	>10,000
SB1524	64 52 3	162 4 23	1.5	.50	3.00	>2.0	500	N	N	N	100	1,500
SB1525	64 51 32	162 9 26	1.0	.30	3.00	>2.0	300	N	N	N	200	2,000
SB1526	64 48 24	162 15 41	1.0	.50	3.00	>2.0	1,000	N	N	N	300	500
SB1527	64 47 25	162 18 38	1.0	2.00	3.00	>2.0	1,000	N	N	N	500	500
SB1528	64 46 54	162 19 37	.5	.10	1.00	>2.0	500	N	N	N	20	200
SB1529	64 47 1	162 19 26	.5	.05	1.50	>2.0	1,500	N	N	N	20	<50
SB1530	64 44 19	164 6 8	1.0	.20	5.00	>2.0	500	N	N	N	100	50
SB1531	64 44 25	164 6 29	.7	.20	15.00	>2.0	700	N	N	N	50	<50
SB1532	64 43 49	164 7 59	2.0	.30	10.00	>2.0	1,000	N	N	N	200	100
SB1533	64 44 23	164 11 19	1.5	.50	15.00	>2.0	700	N	N	N	200	50
SB1534	64 43 55	164 12 22	2.0	.50	5.00	>2.0	700	N	N	N	500	10,000
SB1535	64 45 23	164 9 52	1.0	.50	7.00	>2.0	500	N	N	N	100	50
SB1536	64 44 28	164 14 47	2.0	.50	10.00	>2.0	500	N	N	N	200	200
SB1537	64 46 0	164 12 36	2.0	.50	10.00	>2.0	700	N	N	N	200	700
SB1538	64 44 40	164 14 12	3.0	.50	10.00	>2.0	1,000	N	N	N	200	500
SB1539	64 44 27	164 17 59	2.0	.20	10.00	>2.0	1,000	1.0	N	N	150	500

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB1494	5	N	N	10	70	N	100	N	100	N	N
SB1495	3	N	N	10	150	N	150	N	150	N	<20
SB1496	<2	N	N	10	150	N	100	N	150	N	N
SB1497	N	N	N	10	50	N	N	N	100	N	20
SB1498	N	N	N	10	50	N	N	N	150	N	50
SB1499	N	N	N	10	100	N	N	N	100	N	20
SB1500	N	N	N	10	70	N	N	N	100	N	50
SB1501	N	N	N	10	100	N	N	N	100	N	20
SB1502	N	N	N	10	100	N	N	N	100	N	200
SB1503	N	N	N	10	150	N	N	N	100	N	100
SB1504	N	N	N	10	150	N	N	N	100	N	100
SB1505	N	N	N	10	700	N	N	N	150	N	100
SB1506	<2	N	N	10	200	N	200	N	100	N	100
SB1507	<2	N	N	10	100	N	N	N	100	N	100
SB1508	N	N	N	10	150	N	<50	N	100	N	100
SB1509	N	N	N	10	200	N	50	N	70	N	150
SB1510	N	N	N	10	200	N	N	N	70	N	150
SB1511	N	N	N	10	200	N	<50	N	150	N	150
SB1512	N	N	N	10	100	N	N	N	200	N	100
SB1513	10	N	N	10	150	N	300	<10	150	N	<20
SB1515	N	1,000	N	10	20	N	1,000	200	200	N	150
SB1516	N	100	N	10	N	N	700	100	200	N	150
SB1517	N	N	N	10	20	N	700	150	300	N	50
SB1518	N	1,000	N	10	<20	N	500	100	100	N	150
SB1519	N	200	N	10	20	N	700	200	200	N	150
SB1520	N	1,000	N	<10	<20	N	300	500	500	N	150
SB1521	N	200	N	10	<20	N	500	200	100	N	70
SB1522	5	200	N	10	<20	N	2,000	150	500	N	300
SB1523	N	N	N	10	200	N	<50	N	100	N	<20
SB1524	N	N	N	10	200	N	N	20	100	N	70
SB1525	N	N	N	10	70	N	200	<10	300	N	<20
SB1526	N	N	N	10	70	N	1,000	150	200	N	100
SB1527	N	N	N	<10	100	N	300	50	100	N	50
SB1528	N	50	N	10	<20	N	700	100	100	N	100
SB1529	N	N	N	10	<20	N	500	100	100	N	50
SB1530	N	N	N	10	100	N	N	N	150	N	20
SB1531	N	N	N	10	70	N	N	N	50	N	20
SB1532	N	N	N	10	100	N	N	N	100	N	50
SB1533	N	N	N	10	100	N	N	N	100	N	30
SB1534	5	N	N	20	100	N	N	N	70	50	100
SB1535	N	N	N	10	70	N	100	N	200	N	20
SB1536	<2	N	N	20	150	N	N	N	150	<10	100
SB1537	N	N	N	10	100	N	N	N	200	N	100
SB1538	N	N	N	20	100	<10	N	N	200	<10	100
SB1539	30	N	N	10	100	N	100	N	200	<10	300

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB1494	N	10	50	N	200	N	200	N	700	N
SB1495	N	20	50	N	200	N	300	<500	700	N
SB1496	N	15	100	N	200	N	300	<500	2,000	N
SB1497	N	10	20	200	100	N	100	<500	500	N
SB1498	N	10	20	N	100	N	150	<500	300	N
SB1499	N	10	<20	300	150	N	100	<500	100	N
SB1500	N	10	<20	700	150	N	100	<500	200	N
SB1501	N	10	<20	200	200	N	150	500	300	N
SB1502	N	30	<20	1,000	100	N	300	700	500	N
SB1503	N	20	20	1,000	150	N	200	500	300	N
SB1504	N	15	20	700	200	N	200	500	200	N
SB1505	N	30	20	700	200	<100	300	500	300	N
SB1506	N	15	20	500	200	N	200	<500	700	N
SB1507	N	20	<20	500	100	200	200	<500	500	N
SB1508	N	20	30	500	100	N	200	<500	200	N
SB1509	N	20	30	1,000	100	N	200	<500	300	N
SB1510	N	20	30	700	200	1,500	200	<500	300	N
SB1511	N	20	20	1,000	300	200	200	<500	500	N
SB1512	N	10	30	200	200	N	200	500	700	N
SB1513	N	15	700	N	500	N	500	<500	2,000	N
SB1515	N	20	200	N	100	300	1,500	N	>2,000	500
SB1516	N	20	100	N	100	100	2,000	N	>2,000	700
SB1517	N	20	200	N	150	200	2,000	N	>2,000	200
SB1518	N	20	70	N	100	100	1,500	N	>2,000	1,000
SB1519	N	30	500	N	100	200	1,500	N	>2,000	<200
SB1520	N	<10	>2,000	N	50	500	700	N	>2,000	<200
SB1521	N	20	100	200	70	100	1,500	N	>2,000	500
SB1522	N	50	150	N	70	<100	1,000	N	>2,000	1,000
SB1523	N	20	<20	1,000	300	N	200	<500	2,000	N
SB1524	N	20	20	300	300	150	200	500	2,000	N
SB1525	N	10	20	200	200	N	500	<500	1,000	N
SB1526	N	20	200	N	200	100	1,500	N	>2,000	N
SB1527	N	20	100	N	200	<100	1,000	N	>2,000	N
SB1528	N	20	100	N	100	<100	1,500	N	>2,000	700
SB1529	N	20	700	N	100	<100	1,500	N	>2,000	500
SB1530	N	<10	<20	500	200	N	200	<500	2,000	N
SB1531	N	<10	N	700	100	N	200	N	>2,000	N
SB1532	N	<10	20	500	100	N	200	<500	2,000	N
SB1533	N	<10	20	200	150	N	200	500	500	N
SB1534	N	10	N	1,000	200	N	200	<500	700	N
SB1535	N	N	20	<200	100	N	150	500	500	N
SB1536	N	10	20	700	100	N	500	<500	500	N
SB1537	N	<10	20	500	150	N	200	500	500	N
SB1538	N	20	20	500	200	N	200	500	1,000	N
SB1539	N	10	<20	500	200	N	100	<500	200	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB1540	64 45 10	164 20 14	3.0	.50	10.00	>2.0	500	N	N	N	500	700
SB1541	64 44 22	164 19 45	5.0	.30	10.00	>2.0	500	3.0	5,000	N	300	7,000
SB1542	64 42 46	164 19 40	5.0	1.00	15.00	>2.0	500	N	5,000	N	500	1,500
SB1543	64 43 28	164 19 27	2.0	.50	7.00	>2.0	500	N	N	N	300	1,000
SB1544	64 42 4	164 16 59	2.0	.50	10.00	>2.0	300	N	N	N	300	1,000
SB1545	64 39 25	164 22 31	2.0	.50	7.00	>2.0	500	N	N	N	300	10,000
SB1546	64 39 26	164 22 4	1.5	.20	10.00	>2.0	500	5.0	N	70	300	2,000
SB1547	64 40 33	164 26 18	1.0	.30	10.00	>2.0	500	N	N	N	300	>10,000
SB1548	65 15 20	163 31 40	1.5	2.00	1.00	>2.0	700	1.0	N	N	3,000	1,000
SB1549	65 15 24	163 31 48	1.0	3.00	7.00	>2.0	3,000	N	N	N	1,000	1,500
SB1550	65 14 55	163 31 34	2.0	3.00	7.00	>2.0	1,500	<1.0	N	N	2,000	700
SB1551	65 14 58	163 31 45	2.0	.20	.50	>2.0	500	1.0	N	N	1,000	1,000
SB1552	65 16 2	163 39 53	1.5	3.00	2.00	>2.0	2,000	N	N	N	2,000	1,000
SB1553	65 16 11	163 39 57	1.5	2.00	1.00	>2.0	1,000	1.0	N	N	>5,000	1,000
SB1554	65 15 38	163 39 38	1.5	2.00	1.50	>2.0	1,000	<1.0	N	N	5,000	1,000
SB1555	65 15 8	163 38 45	1.0	.70	5.00	>2.0	700	<1.0	N	N	2,000	500
SB1556	65 20 3	163 42 14	1.5	5.00	2.00	>2.0	1,500	1.0	N	N	1,500	500
SB1557	65 16 36	163 50 33	1.0	7.00	5.00	>2.0	2,000	<1.0	N	N	5,000	1,500
SB1558	65 12 41	163 48 11	1.0	15.00	5.00	>2.0	700	5.0	N	N	500	100
SB1559	65 12 48	163 48 9	1.0	3.00	2.00	>2.0	1,000	<1.0	N	N	2,000	700
SB1560	65 12 57	163 51 11	1.0	.70	7.00	>2.0	1,500	N	N	N	2,000	500
SB1561	65 11 53	163 53 15	1.0	7.00	3.00	>2.0	1,000	2.0	N	N	>5,000	200
SB1562	64 52 37	164 49 45	3.0	.50	10.00	>2.0	1,000	<1.0	N	N	100	700
SB1563	64 53 5	164 53 5	2.0	.50	10.00	>2.0	500	N	N	N	100	150
SB1564	64 53 1	164 59 7	1.0	5.00	7.00	>2.0	500	N	N	N	200	500
SB1565	64 50 46	164 57 12	1.5	5.00	10.00	>2.0	700	N	N	N	200	100
SB1566	64 50 26	164 58 36	2.0	1.00	10.00	>2.0	1,000	N	N	N	300	50
SB1567	64 49 36	164 57 24	5.0	1.00	5.00	>2.0	500	N	N	N	300	200
SB1568	64 48 25	164 57 36	3.0	1.00	10.00	>2.0	500	<1.0	N	N	200	200
SB1569	64 49 26	164 53 11	5.0	.50	10.00	>2.0	500	<1.0	N	N	300	300
SB1570	64 49 20	164 53 0	3.0	1.00	15.00	>2.0	1,000	N	N	N	200	200
SB1571	64 50 29	164 50 1	3.0	.50	7.00	>2.0	500	N	N	N	200	200
SB1572	64 49 40	164 46 20	2.0	.20	5.00	>2.0	500	<1.0	N	N	200	2,000
SB1573	64 47 29	164 55 30	2.0	1.00	10.00	>2.0	200	<1.0	N	N	150	100
SB1574	64 46 53	164 58 48	5.0	1.00	10.00	>2.0	200	<1.0	N	N	200	300
SB1575	64 46 6	164 51 50	5.0	.70	10.00	>2.0	300	<1.0	N	N	200	150
SB1576	64 46 3	164 51 28	2.0	.50	10.00	>2.0	500	<1.0	N	N	200	150
SB1577	64 46 16	164 47 59	2.0	.70	10.00	>2.0	500	N	N	N	150	150
SB1578	64 46 28	164 47 48	1.5	.30	10.00	>2.0	200	N	N	N	150	150
SB1579	64 48 22	164 41 29	1.5	.30	10.00	>2.0	300	N	N	N	100	100
SB1580	64 48 31	164 41 14	1.5	.30	10.00	>2.0	500	1.0	N	N	100	<50
SB1581	65 14 32	162 29 16	1.0	.50	2.00	>2.0	1,000	N	N	N	30	50
SB1582	65 15 24	162 28 31	1.5	2.00	5.00	>2.0	1,000	N	N	N	50	200
SB1583	65 16 23	162 29 38	1.0	1.00	5.00	>2.0	1,000	N	N	N	200	50
SB1584	65 16 31	162 30 38	1.5	.70	5.00	>2.0	1,000	N	N	N	30	100

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB1540	2	N	N	20	100	<10	200	N	200	<10	100
SB1541	N	N	N	100	200	10	150	N	150	20	500
SB1542	2	N	N	50	100	<10	200	N	150	10	200
SB1543	<2	N	N	20	200	<10	50	N	150	10	100
SB1544	N	N	N	20	150	<10	<50	N	100	10	70
SB1545	N	N	N	20	300	10	N	N	150	30	100
SB1546	N	N	N	10	100	<10	300	N	150	10	100
SB1547	N	N	N	30	100	<10	N	N	150	<10	200
SB1548	N	N	N	50	500	N	<50	20	500	N	N
SB1549	<2	N	N	100	300	N	50	<10	200	150	N
SB1550	N	N	N	30	500	N	50	<10	500	N	<20
SB1551	N	N	N	50	500	N	100	30	300	N	N
SB1552	N	N	N	50	300	N	<50	10	200	20	N
SB1553	N	N	N	30	300	N	N	10	700	N	N
SB1554	N	N	N	50	500	N	N	20	500	N	N
SB1555	100	N	N	20	200	N	300	<10	150	N	N
SB1556	10	N	N	30	300	N	N	20	500	N	N
SB1557	200	N	N	<10	200	N	N	20	200	N	<20
SB1558	<2	N	N	10	100	N	N	100	100	N	3,000
SB1559	N	N	N	30	300	N	<50	<10	150	N	500
SB1560	3	N	N	10	200	N	200	20	150	N	70
SB1561	5	N	N	10	300	20	100	50	300	N	3,000
SB1562	N	N	N	100	70	<10	N	N	200	N	70
SB1563	N	N	N	20	70	<10	N	N	200	N	50
SB1564	15	N	N	<10	100	N	N	N	100	N	200
SB1565	5	N	N	10	100	20	N	N	200	N	50
SB1566	<2	N	N	10	100	N	N	N	100	N	50
SB1567	N	N	N	150	100	20	N	N	100	50	50
SB1568	N	N	N	100	200	10	N	N	100	<10	20
SB1569	N	N	N	100	150	10	N	N	100	20	30
SB1570	N	N	N	20	100	10	N	N	100	<10	20
SB1571	N	N	N	50	100	<10	N	N	100	<10	50
SB1572	N	N	N	20	100	N	N	N	200	N	100
SB1573	50	N	N	100	150	10	N	N	100	10	<20
SB1574	N	N	N	70	200	10	N	N	200	10	<20
SB1575	N	N	N	200	150	20	N	N	200	100	20
SB1576	N	N	N	70	150	10	N	N	200	N	50
SB1577	N	N	N	20	100	10	N	N	100	N	100
SB1578	N	N	N	10	100	10	N	N	200	N	<20
SB1579	N	N	N	10	100	N	N	N	150	N	70
SB1580	N	N	N	10	100	N	N	10	100	N	100
SB1581	N	N	N	10	70	N	1,000	20	150	N	50
SB1582	N	N	N	10	70	N	1,000	30	200	N	30
SB1583	N	N	N	20	50	N	1,000	30	200	N	20
SB1584	N	N	N	10	100	N	1,000	30	300	N	20

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB1540	N	20	30	1,000	150	N	200	<500	1,500	N
SB1541	N	20	50	1,000	200	200	500	500	1,500	N
SB1542	N	20	20	1,000	150	N	500	<500	1,000	N
SB1543	N	20	30	1,000	200	N	300	500	2,000	N
SB1544	N	15	20	700	100	N	500	500	1,000	N
SB1545	N	20	20	500	300	N	200	500	700	N
SB1546	N	10	<20	700	200	N	500	<500	500	N
SB1547	N	<10	30	500	200	100	200	<500	300	N
SB1548	N	70	200	N	2,000	100	200	2,000	300	N
SB1549	N	30	100	N	1,000	100	500	<500	200	N
SB1550	N	50	200	N	1,000	100	500	1,000	300	N
SB1551	N	50	200	N	2,000	100	200	1,500	500	N
SB1552	N	50	50	N	2,000	<100	200	500	500	N
SB1553	N	70	150	N	3,000	100	200	1,000	500	N
SB1554	N	70	100	N	3,000	200	300	1,000	1,000	N
SB1555	N	10	100	N	500	200	1,000	1,000	2,000	N
SB1556	N	50	300	N	2,000	200	100	1,000	100	N
SB1557	N	20	50	N	2,000	N	300	<500	200	N
SB1558	N	<10	20	N	200	200	200	<500	300	N
SB1559	N	20	100	N	700	200	500	500	500	N
SB1560	N	10	70	N	500	1,000	1,000	500	1,000	N
SB1561	N	20	100	N	1,500	700	500	500	1,500	N
SB1562	N	20	20	500	200	N	300	700	200	N
SB1563	N	20	<20	<200	200	N	200	700	300	N
SB1564	N	10	700	<200	200	300	200	<500	2,000	N
SB1565	N	<10	50	200	200	100	200	<500	1,000	N
SB1566	N	<10	50	<200	200	N	300	500	500	N
SB1567	N	<10	50	<200	200	N	200	500	700	N
SB1568	N	<10	50	<200	200	N	200	500	200	N
SB1569	N	<10	50	N	200	200	200	500	300	N
SB1570	N	10	<20	500	200	N	200	500	300	N
SB1571	N	<10	<20	500	200	N	150	500	500	N
SB1572	N	10	20	<200	100	<100	200	700	200	N
SB1573	N	10	<20	200	100	N	200	<500	500	N
SB1574	N	15	20	200	200	<100	150	500	700	N
SB1575	N	10	<20	200	100	N	150	500	200	N
SB1576	N	10	<20	200	200	N	300	500	200	N
SB1577	N	10	<20	200	200	N	150	500	300	N
SB1578	N	10	<20	200	100	N	150	500	300	N
SB1579	N	10	<20	200	200	200	150	500	300	N
SB1580	N	10	N	200	300	N	100	500	300	N
SB1581	N	20	100	N	200	200	1,000	N	>2,000	N
SB1582	N	20	70	N	200	N	1,000	500	2,000	<200
SB1583	N	30	100	N	200	N	1,500	500	>2,000	N
SB1584	N	20	100	N	200	N	1,000	500	>2,000	N

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
SB1585	65 9 35	162 32 50	1.0	.10	5.00	>2.0	1,000	N	N	N	20	150
SB1586	65 6 4	162 34 54	1.5	5.00	5.00	>2.0	500	N	N	N	1,500	10,000
SB1587	65 4 59	162 34 17	3.0	10.00	5.00	1.0	1,000	N	N	N	>5,000	700
SB1588	65 3 11	162 34 11	1.5	10.00	10.00	2.0	1,000	50.0	N	N	500	2,000
SB1589	65 1 55	162 31 23	1.5	7.00	10.00	2.0	2,000	N	N	N	500	1,000
SB1590	65 1 35	162 34 53	1.5	3.00	3.00	2.0	200	1,000.0	<500	N	2,000	<50

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Be-ppm s	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s
SB1585	N	500	N	10	20	10	>2,000	50	150	N	200
SB1586	N	N	N	<10	100	N	200	10	100	10	50
SB1587	N	N	N	<10	150	N	N	N	N	30	50
SB1588	<2	N	N	<10	150	N	N	N	70	N	20,000
SB1589	N	N	N	<10	150	N	N	N	70	N	700
SB1590	N	N	<50	100	70	50	N	N	50	50	>50,000

Table 4.--Spectrographic results from the analysis of nonmagnetic heavy-mineral-concentrate samples from the Solomon and Bendeleben quadrangles, Alaska--Continued

Sample	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s
SB1585	N	20	50	<200	200	200	1,000	N	>2,000	5,000
SB1586	N	50	20	700	500	N	500	N	>2,000	N
SB1587	N	50	N	200	500	N	100	N	200	N
SB1588	N	20	700	N	2,000	N	150	500	200	N
SB1589	N	<10	100	<200	500	N	150	N	500	N
SB1590	300	N	2,000	200	3,000	N	20	10,000	300	N