UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Analytical results and sample locality map of stream-sediment, moraine-sediment, and heavy-mineral-concentrate samples from the Anchorage quadrangle, south-central 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 values, if any. Results from the Alaskan Mineral Resource Assessment Program (AMRAP) must be made available to the public and be submitted to the President and the Congress. This report presents analytical results of a geochemical survey of the Anchorage quadrangle, Alaska.

INTRODUCTION

During the summers of 1982 to 1985 the U.S. Geological Survey conducted a reconnaissance geochemical survey of the Anchorage 1:250,000-scale quadrangle, south-central Alaska (fig. 1).

The Anchorage quadrangle comprises 7,118 mi^2 (18,435 km^2) in south-central Alaska. The quadrangle includes the city of Anchorage (fig. 1) in its southwestern corner. Limited access to the quadrangle is provided by several highways from Anchorage and the nearby towns of Wasilla and Palmer (plate 1). The Glenn Highway crosses the entire quadrangle from the southwest to the northeast. The Parks Highway passes through Wasilla and westward out of the quadrangle. The Seward Highway runs from Anchorage southward out of the quadrangle.

The Anchorage quadrangle includes parts of three accreted lithotectonic terranes, the Peninsular, Chugach, and Prince William Terranes. Two of these terranes, the Chugach and Peninsular, are overlain by a thinner belt of post-accretion deposits in the western part of the quadrangle (fig. 1) (Silberling and Jones, 1984). North of and surrounding the post-accretion deposits lies the Peninsular Terrane, which contains Jurassic (and Paleozoic?) metamorphic rocks, Jurassic limestone, Lower Jurassic volcanic flows and volcaniclastic strata, Middle Jurassic fossiliferous marine shale, Jurassic ultramafic rocks, Jurassic and Cretaceous-Tertiary batholithic granitic rocks, and Tertiary flows of andesite and olivine-basalt (G. Winkler, oral commun.). In the northeast part of the quadrangle, the Peninsular Terrane is overlain by strata interpreted to be post-accretion deposits (Silberling and Jones, 1984). These post-accretion deposits consist of Upper Cretaceous fossiliferous marine shale and Tertiary fluvial deposits of local provenance containing clasts of granitic batholithic rocks from the Peninsular Terrane (G. Winkler, oral commun.). South of the Peninsular Terrane, across the high-angle Knik/Border Ranges Fault (MacKevett and Plafker, 1974), lies the Chugach Terrane. It consists mostly of weakly metamorphosed flysch deposits of graywacke and slate of Upper Cretaceous age (Silberling and Jones, 1984). To the northwest of the flysch, the Chugach Terrane contains Cretaceous melange deposits of metasedimentary and metavolcanic rocks (Clark, 1973) which are in thrust-fault contact above the flysch (Clark and Bartsch, 1971a, b). To the southeast, the flysch is bordered by the Prince William Terrane of younger flysch deposits of Paleocene and Eocene (?) age. The rocks of the three terranes are cut by numerous porphyritic felsic dikes and stocks of Tertiary (?) age located throughout the quadrangle.

The topographic relief in the study area ranges from sea level to a maximum elevation of 13,176 ft (4,016 m). The quadrangle contains glaciated, mountainous areas to the north and south, separated by the broad, braided-stream valley of the Matanuska River trending east-northeast across the quadrangle.

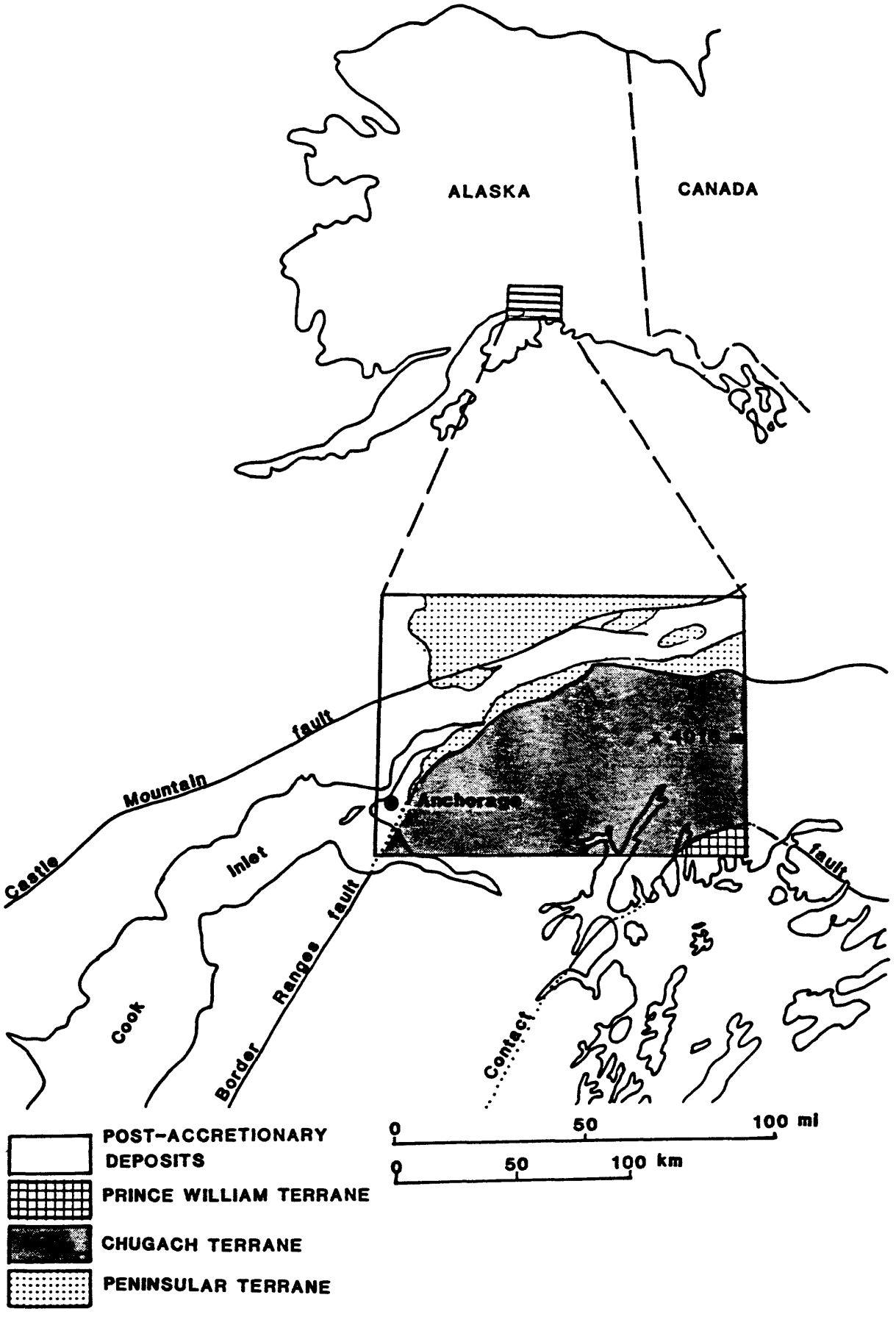

Figure 1. Localities of the generalized lithotectonic terranes of the Anchorage quadrangle, southern Alaska

METHODS OF STUDY

Sample Media

Geochemical data from the stream-sediment samples represent the chemical composition of rock material eroded from a drainage basin and deposited downstream at each sample site; and data from glacial-moraine-sediment samples represent the composition of rock material eroded at the outcrop source of the moraine. Such geochemical data are useful in identifying areas with high concentrations of elements that may be related to mineral deposits. Along with stream-sediment data, geochemical data from the nonmagnetic fraction of heavy-mineral-concentrate samples provide information about the chemistry of certain minerals deposited in the streams and moraines. The selective concentration of these minerals, many of which may be ore-related, permits determination of the abundance of some elements that are not easily detected in stream-sediment samples.

Sample Collection

Samples were collected at 1,297 sites (plate 1). At nearly all of those sites, both a stream-sediment sample and a heavy-mineral-concentrate sample were collected. Average sampling density was about one sample site per 5.5 mi^2 because parts of the quadrangle were sparsely sampled. For example, no samples were taken in the marshy lowlands north of Knik Arm in the west part of the quadrangle; sparse sampling was done in the snowfields along the crest of the Chugach Mountains; and few samples were taken in the Prince William Sound area (Goldfarb and others, 1984). The area of the drainage basins ranged from 1 mi^2 to 3.7 mi^2.

Table 5 lists 30 stream-sediment and 22 heavy-mineral-concentrate samples collected and analyzed in conjunction with this study. These samples are outside of the map area and, consequently, do not appear on the sample locality map.

Stream-sediment and moraine-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 U.S. Geological Survey topographic maps at a scale of 1:63,360. In addition to collecting stream-sediment samples, we collected moraine-sediment samples from medial and lateral moraines in areas of extensive glacial cover in the southeast portion of the quadrangle. When taking these moraine-sediment samples, we collected the finest grained, naturally crushed rock that we could find on each moraine site and treated it as if it were a non-glacial stream-sediment sample.

Our method of collecting stream- and moraine-sediment samples was to take numerous grab samples with an aluminum scoop along a 30 to 100-foot length of active stream channel or traversing across the entire width of an active moraine. These grab samples were then composited into a single sample, passed through a 2.0-mm (10-mesh) screen in the field to remove the coarse material, air dried, and sieved using a stainless-steel 80-mesh screen. The material that passed through the 80-mesh screen was pulverized for analysis. In the following discussion of chemical analyses, the term sediment includes both stream- and moraine-sediment material that passed through the 80-mesh screen.

Heavy-mineral-concentrate samples

We collected heavy-mineral-concentrate samples from the same active alluvium and moraines as the sediment samples, though concentrate samples were not collected at some sites because of a scarcity of sediment. Each 3- to 4-km bulk-sediment sample collected for concentrates 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 particles were removed.

We collected sixteen (9-14-kg) rock samples from outcrops in the snowfields southeast of the Knik Glacier. Portions of these rocks were coarsely pulverized in the laboratory with ceramic plates set 1 mm apart, panned using a gold pan, then treated like the other heavy-mineral-concentrate samples. The heavy-mineral-concentrate samples from rock are shown on the map (plate 1) with field numbers followed by the letter "R."

Sample Preparation

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

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 15° and a tilt of 10° with a current of 0.1 ampere to remove the magnetite and ilmenite, and a current of 1.0 ampere to split the remainder of the sample into paramagnetic and nonmagnetic fractions.

Sample Analysis

Spectrographic method

The 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 samples from the Anchorage quadrangle, south-central Alaska are listed in tables 3 and 4.

Chemical Methods

Other methods of analysis used on stream- and moraine-sediment samples from the Anchorage quadrangle, south-central Alaska are summarized in table 2. Analytical results for stream- and moraine-sediment samples are listed in tables 3 and 4, respectively.

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, 1977).

DESCRIPTION OF DATA TABLES

Tables 3 and 4 list the analyses for the samples of stream sediment and heavy-mineral concentrate. 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 (plate 1). Columns in which the element headings show the letter "s" below the element symbol are emission spectrographic analyses; "aa" indicates atomic absorption analyses. A letter "N" in the tables indicates that a given element was looked for but not detected at the lower limit of determination shown for that element in tables 1 or 2. 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 and 4 in place of an analytical value. Because of the formatting used in the computer program that produced the tables, some of the elements listed (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.

REFERENCES CITED

Clark, S. H. B., 1973, The McHugh Complex of south-central Alaska: U.S. Geological Survey Bulletin 1372-D.

Clark, S. H. B., and Bartsch, S. R. 1971a, Reconnaissance geologic map and geochemical analyses of stream-sediment and rock samples of the Anchorage B-6 quadrangle, Alaska: U.S. Geological Survey Open-File Report 71-70, 63 p.

_____1971b, Reconnaissance geologic map and geochemicap analyses of stream-sediment and rock samples of the Anchorage B-7 quadrangle, Alaska: U.S. Geological Survey Open-File Report71-71, 70 p.

Goldfarb, R. J., Nelson, S. W., Dumoulin, J. A., and Miller, M. L., 1984, Data report and statistical summary for samples of moraine and stream sediment, nonmagnetic heavy-mineral concentrate, and rock from the Chugach National Forest, Alaska: U.S. Geological Survey Open-File Report 84-355, 446 p.

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

MacKevett, E. M., Jr., and Plafker, G., 1974, The Border Ranges Fault in south-central Alaska: U.S. Geological Survey Journal of Research, v. 2, no. 3, p. 323-329.

O'Leary, R. M., and Viets, J. G., 1986, Determination of antimony, arsenic, bismuth, cadmium, copper, lead, molybdenum, silver, and zinc in geologic materials by atomic absorption spectrometry using a hydrochloric acid-hydrogen peroxide digestion: Atomic Spectroscopy, 7, p. 4-8.

Silberling, N. J., and Jones, D. L., 1984, Lithotectonic terrane maps of the North American Cordillera: U.S. Geological Survey Open-File Report 84-523.

VanTrump, George, Jr., and Miesch, A. T., 1977, The U.S. Geological Survey RASS-STATPAC system for management and statistical reduction of geochemical data: Computers and Geosciences, v. 3, p. 475-488.

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 methods used

[AA = atomic absorption]

Element or constituent determined	Method	Determination limit (micrograms/ gram or ppm)	Analyst	Reference
Arsenic (As)	AA	5 or 10	O'Leary and Hoffman	O'Leary and Viets, 1986
Antimony (Sb)	AA	2	"	
Zinc (Zn)	AA	5	"	
Bismuth (Bi)	AA	1	"	
Cadmium (Cd)	AA	0.1	"	

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0001	61 59 8	147 19 50	7.0	1.5	1.00	.70	500	N	N	N	10	500	<1.0
0002	61 58 56	147 19 40	7.0	1.5	.70	.70	700	N	N	N	50	500	<1.0
0003	61 58 29	147 17 17	5.0	2.0	1.00	.70	500	N	N	N	50	500	<1.0
0004	61 58 29	147 17 29	7.0	2.0	.70	.70	700	N	N	N	70	700	1.0
0005	62 0 12	147 17 57	5.0	1.5	2.00	.50	500	N	N	N	10	500	<1.0
0005A	61 59 46	147 17 55	7.0	1.5	1.00	.70	500	N	N	N	30	500	<1.0
0006	61 59 59	147 23 33	10.0	5.0	2.00	1.00	500	N	N	N	50	200	<1.0
0007	61 57 54	147 25 22	7.0	1.5	2.00	.70	700	N	N	N	20	500	<1.0
0008	61 57 4	147 33 5	7.0	1.5	1.00	.50	500	N	N	N	50	700	1.0
0009	61 57 5	147 33 14	5.0	2.0	2.00	.50	700	N	N	N	50	500	<1.0
0010	61 59 56	147 32 45	5.0	1.5	2.00	.70	700	N	N	N	20	500	<1.0
0011	61 58 33	147 34 9	7.0	2.0	1.00	.70	700	N	N	N	30	500	<1.0
0012	61 55 34	147 36 13	10.0	2.0	.70	.70	500	N	N	N	100	700	<1.0
0013	61 56 18	147 40 21	10.0	2.0	2.00	1.00	700	N	N	N	50	500	<1.0
0014	61 56 16	147 40 37	20.0	1.5	1.00	>1.00	1,000	N	N	N	30	700	N
0015	62 1 4	147 55 18	7.0	2.0	2.00	.50	1,000	N	N	N	20	200	<1.0
0016	62 0 34	147 49 4	10.0	1.5	1.50	1.00	1,000	N	N	N	50	200	<1.0
0017	61 57 53	147 46 20	10.0	1.5	1.50	1.00	700	N	N	N	100	500	<1.0
0018	61 57 21	147 53 19	10.0	2.0	2.00	.70	500	N	N	N	100	700	<1.0
0019	61 59 58	148 2 3	10.0	2.0	3.00	1.00	1,000	N	N	N	50	300	<1.0
0020	61 59 58	147 57 55	10.0	2.0	3.00	1.00	1,000	N	N	N	50	500	<1.0
0021	61 56 56	148 0 25	7.0	2.0	1.50	.70	1,000	N	N	N	100	700	<1.0
0022	61 56 51	148 1 43	10.0	2.0	2.00	.70	700	N	N	N	70	500	<1.0
0023	61 55 40	148 6 26	10.0	2.0	2.00	.70	700	N	N	N	100	500	<1.0
0024	61 53 37	148 9 18	10.0	2.0	1.00	.50	700	N	N	N	70	1,000	<1.0
0025	61 53 29	148 9 14	10.0	2.0	2.00	1.00	1,000	N	N	N	100	700	<1.0
0026	62 0 53	147 35 45	10.0	2.0	2.00	1.00	700	N	N	N	50	700	<1.0
0027	61 53 46	147 46 57	10.0	2.0	2.00	1.00	1,000	N	N	N	70	700	<1.0
0028	61 51 37	147 51 53	10.0	2.0	2.00	.70	700	N	N	N	100	1,000	<1.0
0029	61 51 35	147 51 44	10.0	2.0	2.00	1.00	700	N	N	N	100	1,000	<1.0
0029A	61 51 35	147 51 44	5.0	5.0	1.50	1.00	500	N	N	N	100	1,000	<1.0
0030	61 52 22	147 41 44	10.0	2.0	1.00	1.00	500	N	N	N	100	2,000	1.0
0031	61 57 56	147 10 12	7.0	1.5	1.50	.50	2,000	N	N	N	70	500	<1.0
0032	61 55 22	147 18 26	10.0	2.0	1.50	.70	1,000	N	N	N	100	700	<1.0
0033	61 53 42	147 23 21	5.0	1.5	1.00	.70	1,000	N	N	N	70	1,000	1.0
0034	61 53 22	147 27 31	7.0	2.0	1.00	.70	1,000	N	N	N	100	1,000	<1.0
0035	61 53 3	147 32 26	5.0	1.5	1.00	.50	1,500	N	N	N	100	1,000	1.0
0036	61 53 46	147 36 6	7.0	1.5	1.00	.50	1,000	N	N	N	100	700	1.0
0037	61 53 23	147 29 31	5.0	1.5	1.00	.50	1,000	N	N	N	100	1,000	1.0
0038	61 53 21	147 29 21	5.0	2.0	1.00	.50	1,000	N	N	N	100	1,000	1.0
0039	61 51 57	147 35 48	15.0	3.0	2.00	.70	1,500	N	N	N	150	1,500	<1.0
0040	61 50 17	147 39 18	10.0	2.0	2.00	.70	1,000	N	N	N	100	2,000	<1.0
0041	61 46 22	147 33 48	15.0	2.0	3.00	.50	1,000	N	N	N	200	300	<1.0
0042	61 46 48	147 29 29	7.0	2.0	2.00	.50	500	N	N	N	150	1,000	1.0
0043	61 46 49	147 29 39	10.0	3.0	2.00	.70	700	N	N	N	150	700	<1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0001	N	N	20	50	50	<20	N	N	10	50	N	20	N
0002	N	N	50	200	50	<20	N	N	50	70	N	20	N
0003	N	N	20	200	20	<20	N	N	50	50	N	20	N
0004	N	N	30	200	50	<20	N	N	70	50	N	20	N
0005	N	N	30	50	50	<20	N	N	20	10	N	20	N
0005A	N	N	30	100	20	<20	N	N	50	10	N	20	N
0006	N	N	50	100	70	<20	N	N	20	<10	N	30	N
0007	N	N	30	150	50	<20	N	N	20	10	N	30	N
0008	N	N	30	100	50	<20	N	N	50	20	N	20	N
0009	N	N	20	100	50	<20	N	N	30	15	N	20	N
0010	N	N	20	50	15	<20	N	N	10	<10	N	20	N
0011	N	N	20	50	20	<20	N	N	15	10	N	20	N
0012	N	N	30	200	100	<20	N	N	100	20	N	20	N
0013	N	N	30	100	70	<20	N	N	50	10	N	30	N
0014	N	N	100	300	200	<20	N	N	70	<10	N	50	N
0015	N	N	30	100	200	N	N	N	50	N	N	20	N
0016	N	N	50	20	500	N	N	N	20	N	N	20	N
0017	N	N	30	50	200	N	N	N	20	20	N	20	N
0018	N	N	20	100	200	N	N	N	30	20	N	20	N
0019	N	N	50	100	500	N	N	N	50	N	N	30	N
0020	N	N	50	200	500	N	N	N	50	20	N	30	N
0021	N	N	20	50	200	N	N	N	20	20	N	20	N
0022	N	N	20	100	300	N	N	N	30	20	N	30	N
0023	N	N	20	70	200	N	N	N	20	20	N	20	N
0024	N	N	20	100	200	N	N	N	50	50	N	20	N
0025	N	N	20	100	500	N	N	N	20	20	N	20	N
0026	N	N	20	200	200	N	N	N	50	20	N	20	N
0027	N	N	20	300	300	N	N	N	50	20	N	30	N
0028	N	N	20	300	300	N	N	N	70	50	N	20	N
0029	N	N	20	200	300	N	N	N	70	70	N	20	N
0029A	N	N	50	500	70	N	N	N	100	50	N	50	N
0030	N	N	30	200	300	N	N	N	70	70	N	20	N
0031	N	N	20	200	200	N	N	N	70	20	N	20	N
0032	N	N	30	200	200	N	N	N	50	50	N	20	N
0033	N	N	20	200	200	<20	N	N	70	20	N	10	N
0034	N	N	20	200	200	N	N	N	50	50	N	20	N
0035	N	N	20	200	200	N	N	N	50	20	N	10	N
0036	N	N	30	200	200	N	N	N	50	50	N	20	N
0037	N	N	20	500	300	<20	N	N	100	50	N	15	N
0038	N	N	30	200	50	N	N	N	70	50	N	15	N
0039	N	N	100	150	200	N	N	N	100	20	N	50	N
0040	N	N	50	300	100	N	N	N	70	50	N	20	N
0041	N	N	50	70	150	<20	N	N	20	10	N	50	N
0042	N	N	50	200	100	N	N	N	100	20	N	20	N
0043	N	N	50	300	100	N	N	N	100	50	N	30	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0001	200	150	N	50	<200	100	N	N	100	N	--	N
0002	200	150	N	20	<200	150	N	5	100	N	--	N
0003	200	200	N	30	<200	100	N	N	75	N	--	N
0004	200	200	N	30	<200	150	N	<5	75	N	--	N
0005	500	150	N	30	<200	100	N	N	80	N	--	N
0005A	200	200	N	30	<200	100	N	5	85	N	--	6
0006	500	500	N	20	<200	70	N	<5	75	N	--	N
0007	300	200	N	30	<200	100	N	<5	85	N	--	N
0008	500	200	N	20	<200	100	N	10	65	N	--	N
0009	500	200	N	30	<200	100	N	5	60	N	--	<2
0010	300	200	N	30	<200	100	N	5	65	N	--	N
0011	200	200	N	30	<200	100	N	10	65	.20	--	8
0012	100	200	N	20	<200	100	N	20	95	.20	--	N
0013	200	200	N	30	<200	150	N	10	75	.10	--	<2
0014	100	1,000	N	50	500	1,000	N	25	340	.10	--	N
0015	<100	200	N	50	<200	100	N	15	80	.50	--	N
0016	<100	200	N	100	<200	200	N	15	110	.20	--	4
0017	500	200	N	30	<200	100	N	15	85	.10	--	N
0018	500	200	N	50	<200	100	N	20	75	.10	--	N
0019	100	300	N	70	<200	100	N	15	110	.10	--	N
0020	100	200	N	100	<200	200	N	20	95	.20	--	N
0021	<100	200	N	50	<200	150	N	20	70	.10	--	N
0022	200	200	N	50	<200	150	N	20	85	.10	--	N
0023	300	200	N	30	<200	100	N	25	60	<.10	--	N
0024	200	200	N	30	<200	100	N	25	90	.20	--	N
0025	100	300	N	50	<200	150	N	20	130	.20	--	N
0026	200	200	N	30	<200	200	N	20	65	<.10	--	N
0027	200	200	N	50	<200	100	N	30	85	<.10	--	N
0028	100	200	N	30	<200	100	N	30	110	.10	--	N
0029	200	200	N	30	<200	100	N	30	95	<.10	--	N
0029A	200	50	N	50	<200	200	N	N	110	.10	--	N
0030	100	200	N	30	<200	150	N	35	120	.20	--	N
0031	100	200	N	30	<200	100	N	30	110	.20	--	N
0032	200	200	N	20	<200	100	N	40	75	.10	--	N
0033	200	200	N	20	<200	200	N	40	60	.10	--	N
0034	200	200	N	30	<200	100	N	10	80	.10	--	N
0035	200	150	N	20	<200	100	N	15	85	.10	--	N
0036	100	200	N	30	<200	100	N	15	90	.10	--	N
0037	200	200	N	30	<200	500	N	15	75	.10	--	N
0038	500	150	N	20	<200	150	N	15	60	.10	--	N
0039	200	300	N	70	<200	100	N	25	120	.20	--	N
0040	200	200	N	30	<200	200	N	20	110	.20	--	N
0041	200	300	N	50	<200	70	N	25	70	.20	--	N
0042	200	200	N	30	<200	200	N	20	90	.10	--	N
0043	100	200	N	30	<200	200	N	30	90	.10	--	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0044	61 48 12	147 27 17	15.0	3.0	3.00	1.00	1,000	N	N	N	200	500	<1.0
0045	61 50 22	147 5 24	15.0	5.0	3.00	1.00	1,000	N	N	N	150	300	<1.0
0046	61 50 24	147 5 25	15.0	5.0	5.00	.70	1,000	N	N	N	200	300	<1.0
0047	61 46 10	147 5 28	15.0	5.0	5.00	1.00	1,000	N	N	N	20	150	N
0048	61 43 55	147 5 39	15.0	5.0	5.00	.70	1,000	N	N	N	20	100	N
0049	61 42 10	147 5 34	10.0	2.0	1.00	.50	1,000	N	N	N	200	500	<1.0
0050	61 41 28	147 5 36	10.0	3.0	2.00	1.00	1,000	N	N	N	100	700	<1.0
0051	61 41 6	147 5 24	7.0	2.0	.50	.50	1,000	N	N	N	150	1,000	1.0
0052	61 38 39	147 5 35	7.0	2.0	.20	.50	1,000	N	N	N	150	1,000	2.0
0053	61 38 32	147 1 24	5.0	2.0	.20	.50	1,000	N	N	N	150	1,000	1.0
0054	61 44 55	146 59 56	10.0	2.0	1.00	.70	1,000	N	N	N	100	1,000	<1.0
0055	61 50 16	147 15 0	7.0	2.0	1.00	.50	1,000	N	N	N	70	700	<1.0
0056	61 49 18	147 12 37	10.0	3.0	2.00	.50	1,000	N	N	N	70	300	<1.0
0057	61 49 23	147 12 36	10.0	2.0	1.00	.50	1,000	N	N	N	50	500	<1.0
0058	61 47 20	147 11 3	10.0	2.0	1.50	.50	1,000	N	N	N	30	200	<1.0
0059	61 47 18	147 11 9	10.0	3.0	1.50	.50	1,000	N	N	N	50	200	<1.0
0060	61 44 28	147 15 8	10.0	5.0	1.50	.50	1,000	N	N	N	100	200	N
0061	61 47 2	147 18 48	10.0	5.0	1.00	.50	1,500	N	N	N	20	300	<1.0
0062	61 47 4	147 24 31	10.0	5.0	2.00	.50	1,000	N	N	N	50	200	N
0063	61 45 48	147 21 13	15.0	5.0	2.00	.50	1,000	N	N	N	50	200	N
0064	61 42 54	147 20 53	10.0	5.0	2.00	.50	1,000	N	N	N	100	100	N
0065	61 41 25	147 19 7	10.0	5.0	5.00	.50	1,000	N	N	N	70	50	N
0066	61 49 9	147 23 21	7.0	2.0	.50	.50	1,000	N	N	N	100	1,000	1.0
0066A	61 40 8	147 14 10	10.0	5.0	.70	.70	1,000	N	N	N	200	2,000	2.0
0067	61 38 18	147 9 45	10.0	2.0	.50	.50	700	N	N	N	150	1,000	2.0
0067A	61 49 30	147 18 44	10.0	10.0	5.00	.30	1,000	N	N	N	20	<20	N
0068	61 36 55	147 12 9	10.0	2.0	.50	.50	700	<.5	N	N	100	1,000	1.0
0068A	61 49 28	147 18 39	10.0	2.0	.50	.70	1,000	N	N	N	100	1,000	1.0
0069	61 35 47	147 13 39	10.0	2.0	1.00	.70	1,000	N	N	N	100	1,500	2.0
0069A	61 49 35	147 17 5	10.0	3.0	.50	.70	1,000	N	N	N	150	1,500	2.0
0070	61 41 20	147 20 40	10.0	2.0	1.50	.70	1,000	N	N	N	100	1,000	2.0
0070A	61 49 39	147 17 8	10.0	2.0	1.50	.70	1,000	N	N	N	100	1,000	1.0
0071	61 41 15	147 20 28	15.0	2.0	.50	1.00	1,000	N	N	N	700	1,500	2.0
0072	61 38 22	147 19 13	5.0	1.0	2.00	.50	700	N	N	N	50	700	1.0
0073	61 34 52	147 18 38	10.0	1.5	1.00	.70	1,000	N	N	N	100	1,500	2.0
0074	61 44 13	147 23 18	15.0	3.0	5.00	.70	1,000	N	N	N	50	200	N
0075	61 44 20	147 27 57	20.0	5.0	7.00	1.00	2,000	N	N	N	100	100	N
0076	61 32 12	147 36 29	10.0	2.0	1.00	.70	1,000	N	N	N	100	1,500	2.0
0077	61 40 20	147 27 21	10.0	2.0	1.00	.70	1,000	N	N	N	100	1,000	2.0
0078	61 40 30	147 27 28	15.0	3.0	1.00	1.00	1,000	N	N	N	150	1,000	<1.0
0079	61 42 20	147 33 28	15.0	5.0	5.00	.70	1,500	N	N	N	500	300	<1.0
0080	61 43 51	147 34 59	10.0	2.0	3.00	.70	1,000	N	N	N	500	500	<1.0
0081	61 32 17	147 30 55	10.0	2.0	1.00	.70	1,000	<.5	N	N	100	1,500	2.0
0082	61 32 15	147 36 3	10.0	3.0	.50	.50	1,000	N	N	N	100	1,500	2.0
0083	61 33 25	147 33 6	10.0	2.0	.50	.50	1,000	N	N	N	70	1,000	1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0044	N	N	50	150	150	N	N	N	50	10	N	50	N
0045	N	N	50	150	150	N	N	N	50	<10	N	50	N
0046	N	N	50	100	150	N	N	N	50	<10	N	50	N
0047	N	N	50	150	100	N	N	N	50	N	N	50	N
0048	N	N	70	150	150	N	N	N	100	<10	N	70	N
0049	N	N	30	100	100	N	N	N	70	10	N	20	N
0050	N	N	30	200	100	N	N	N	70	20	N	30	N
0051	N	N	30	100	70	N	N	N	100	50	N	20	N
0052	N	N	30	150	70	N	N	N	100	50	N	20	N
0053	N	N	30	100	70	N	N	N	100	20	N	20	N
0054	N	N	50	200	100	N	N	N	100	50	N	30	N
0055	N	N	30	150	100	N	N	N	50	10	N	30	N
0056	N	N	50	150	200	N	N	N	50	10	N	50	N
0057	N	N	30	100	100	N	N	N	20	<10	N	50	N
0058	N	N	50	100	150	N	N	N	20	<10	N	50	N
0059	N	N	50	150	100	N	N	N	50	N	N	50	N
0060	N	N	50	200	100	N	N	N	50	<10	N	50	N
0061	N	N	50	100	200	N	N	N	50	50	N	50	N
0062	N	N	50	150	150	N	N	N	20	N	N	50	N
0063	N	N	50	100	200	N	N	N	50	10	N	50	N
0064	N	N	30	100	100	N	N	N	20	<10	N	50	N
0065	N	N	50	200	50	N	N	N	50	N	N	50	N
0066	N	N	20	150	50	N	N	N	100	20	N	20	N
0066A	N	N	50	300	100	50	N	N	100	30	N	30	N
0067	N	N	30	200	100	<20	N	N	100	20	N	20	N
0067A	N	N	100	700	50	N	N	N	100	N	N	70	N
0068	N	N	50	200	100	<20	N	N	100	50	N	20	N
0068A	N	N	50	200	100	<20	N	N	100	10	N	20	N
0069	N	N	50	200	100	<20	N	N	100	50	N	50	N
0069A	N	N	50	300	100	<20	N	N	100	30	N	50	N
0070	N	N	20	150	100	20	N	N	50	20	N	50	N
0070A	N	N	50	200	100	<20	N	N	100	30	N	50	N
0071	N	N	50	300	150	100	N	N	150	30	N	50	N
0072	N	N	15	100	50	20	N	N	50	10	N	20	N
0073	N	N	50	200	100	<20	N	N	100	20	N	30	N
0074	N	N	70	200	100	N	N	N	50	<10	N	50	N
0075	N	N	100	300	200	N	<5	N	100	<10	N	100	N
0076	N	N	30	200	100	<20	N	N	100	20	N	20	N
0077	N	N	20	100	100	<20	N	N	50	20	N	20	N
0078	N	N	50	300	150	<20	N	N	100	20	N	50	N
0079	N	N	70	100	200	N	N	N	50	<10	N	70	N
0080	N	N	30	100	100	N	N	N	50	10	N	50	N
0081	N	N	50	200	100	<20	N	N	100	20	N	30	N
0082	N	N	30	200	10	N	N	N	100	50	N	20	N
0083	N	N	50	150	70	N	N	N	100	20	N	20	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0044	200	500	N	50	<200	150	N	25	80	.10	--	N
0045	200	200	N	50	<200	100	N	20	80	.10	--	N
0045	200	300	N	30	<200	50	N	20	65	.10	--	N
0047	200	700	N	30	<200	100	N	15	60	.10	--	N
0048	300	500	N	20	<200	50	N	15	50	<.10	--	<2
0049	100	200	N	30	<200	100	N	20	60	.10	--	N
0050	200	200	N	30	<200	200	N	20	65	.20	--	N
0051	100	200	N	20	<200	100	N	15	130	.40	--	N
0052	100	200	N	20	<200	100	N	20	160	.40	--	N
0053	200	200	N	20	<200	100	N	15	110	.30	--	N
0054	200	300	N	30	<200	150	N	20	130	.30	--	N
0055	200	200	N	30	<200	100	N	5	95	.20	--	N
0056	300	300	N	50	<200	70	N	<5	70	.20	--	N
0057	200	200	N	50	<200	100	N	5	85	.20	--	N
0058	200	300	N	50	<200	100	N	<5	75	.20	--	N
0059	200	300	N	30	<200	50	N	<5	55	.20	--	N
0060	500	500	N	50	<200	50	N	<5	65	.20	--	N
0061	100	300	N	50	<200	70	N	10	130	.90	--	N
0062	300	300	N	30	<200	70	N	<5	50	.20	--	N
0063	300	500	N	30	<200	50	N	<5	75	.30	--	N
0064	200	300	N	30	<200	50	N	<5	70	.10	--	N
0065	500	500	N	10	<200	<10	N	<5	40	.10	--	N
0065	<100	200	N	20	<200	150	N	5	110	.30	--	N
0066A	100	200	N	70	200	200	N	50	150	.20	--	<2
0067	100	200	N	50	<200	300	N	25	110	N	--	N
0067A	100	200	N	10	<200	N	N	N	60	.10	--	N
0068	100	200	N	50	<200	200	N	40	140	.10	--	N
0068A	100	200	N	50	<200	200	N	10	130	<.10	--	N
0069	500	200	N	50	<200	200	N	25	150	.10	--	N
0069A	100	200	N	50	<200	200	N	35	150	<.10	--	N
0070	500	200	N	50	<200	200	N	15	100	N	--	N
0070A	300	200	N	50	<200	200	N	20	110	N	--	N
0071	200	300	N	100	200	300	N	50	180	N	--	<2
0072	500	200	N	50	<200	200	N	15	70	N	--	<2
0073	500	200	N	50	<200	200	N	65	120	.10	--	N
0074	500	300	N	50	<200	100	N	<10	65	.10	--	<2
0075	500	500	N	50	200	50	N	<10	60	.10	--	<2
0076	500	200	N	50	<200	200	N	25	120	N	--	N
0077	500	200	N	50	<200	500	N	25	85	N	--	N
0078	100	300	N	50	<200	300	N	20	100	N	--	N
0079	500	300	N	50	<200	100	N	<10	75	N	--	N
0080	300	200	N	50	<200	100	N	15	90	.10	--	N
0081	300	200	N	50	<200	200	N	35	130	.20	--	<2
0082	200	200	N	50	<200	200	N	30	110	.20	--	<2
0083	200	200	N	50	<200	200	N	10	100	.30	--	<2

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0084	61 35 21	147 28 0	10.0	2.0	.50	.50	1,000	N	N	N	100	1,000	2.0
0085	61 34 28	147 18 23	5.0	2.0	.50	.50	1,000	N	N	N	100	1,000	2.0
0086	61 35 2	147 17 17	10.0	2.0	.70	.50	500	N	N	N	50	700	1.0
0087	61 37 55	147 18 9	10.0	2.0	.50	.50	1,000	N	N	N	100	1,000	2.0
0088	61 36 34	147 12 17	10.0	2.0	.50	.50	1,000	N	N	N	100	1,000	2.0
0089	61 33 9	147 10 54	10.0	3.0	.50	.70	1,000	N	N	N	100	1,500	2.0
0090	61 33 35	147 13 5	10.0	2.0	.50	.50	1,000	N	N	N	100	1,000	2.0
0091	61 35 19	147 12 46	2.0	1.0	.50	.50	500	N	N	N	30	1,000	1.0
0092	61 34 49	147 6 38	7.0	1.5	.15	.50	1,000	.5	N	N	100	1,500	2.0
0093	61 35 40	147 6 48	10.0	2.0	.30	.50	1,000	.5	N	N	100	1,500	2.0
0094	61 36 29	147 4 8	10.0	2.0	.50	.70	1,000	N	N	N	100	1,000	2.0
0095	61 39 30	147 2 43	10.0	2.0	.50	.50	1,000	N	N	N	100	1,000	2.0
0096	61 40 41	147 1 21	10.0	2.0	2.00	.50	1,500	<.5	N	N	100	1,000	2.0
0097	61 35 58	147 42 21	10.0	2.0	.50	.50	1,000	N	N	N	100	1,000	2.0
0098	61 35 56	147 42 12	7.0	1.5	.50	.50	1,000	N	N	N	100	1,000	2.0
0099	61 35 55	147 42 5	10.0	2.0	.50	.50	1,000	N	N	N	100	1,500	2.0
0100	61 35 55	147 41 59	10.0	2.0	.50	.50	1,000	N	N	N	100	1,000	2.0
0101	61 35 54	147 41 53	10.0	2.0	.50	.50	1,000	N	N	N	100	1,500	2.0
0102	61 37 52	147 33 20	5.0	1.5	.50	.50	700	N	N	N	100	1,000	2.0
0103	61 36 16	147 30 14	7.0	2.0	.50	.70	700	N	N	N	100	1,000	2.0
0104	61 33 0	147 24 22	5.0	2.0	.50	.50	1,000	N	N	N	50	1,000	2.0
0105	61 37 10	147 49 4	10.0	2.0	.70	.70	1,000	N	N	N	100	1,000	1.0
0106	61 37 15	147 49 10	10.0	2.0	.50	.70	1,000	N	N	N	150	1,000	1.0
0107	61 40 30	147 47 52	10.0	3.0	.50	.50	1,000	N	N	N	200	1,000	1.0
0108	61 43 40	147 47 13	7.0	2.0	1.00	.50	1,000	N	N	N	500	500	<1.0
0109	61 45 25	147 57 26	10.0	2.0	.50	.70	1,000	N	N	N	200	1,000	1.0
0110	61 41 33	147 56 44	10.0	3.0	1.00	.70	1,000	N	N	N	50	700	1.0
0111	61 41 32	147 56 54	10.0	2.0	.70	.70	700	N	N	N	100	700	1.0
0112	61 43 28	147 55 0	15.0	5.0	1.00	.70	1,000	N	N	N	300	500	<1.0
0113	61 35 23	147 46 32	10.0	2.0	.50	.70	1,000	N	N	N	100	1,000	1.0
0114	61 36 5	147 43 17	10.0	2.0	.50	.70	1,000	N	N	N	200	1,000	2.0
0115	61 37 11	147 41 5	10.0	3.0	.70	1.00	1,000	N	N	N	100	1,000	1.0
0116	61 38 19	147 40 5	10.0	2.0	.50	.70	1,000	N	N	N	100	1,000	1.0
0117	61 41 12	147 37 15	10.0	2.0	.50	.70	700	N	N	N	150	700	<1.0
0118	61 41 16	147 43 43	10.0	2.0	.20	.70	1,000	N	N	N	200	1,000	2.0
0119	61 44 52	147 44 9	7.0	2.0	1.00	.50	1,000	N	N	N	200	300	<1.0
0120	61 39 26	147 36 38	7.0	1.5	.50	.50	500	N	N	N	50	700	1.0
0121	61 39 35	147 58 7	5.0	1.5	.50	.50	700	N	N	N	100	700	1.0
0122	61 38 11	148 3 36	10.0	2.0	.30	.70	500	N	N	N	150	1,000	2.0
0123	61 38 15	148 3 45	10.0	2.0	.70	.70	1,000	N	N	N	150	1,000	1.0
0124	61 38 26	147 57 31	7.0	2.0	.50	.70	500	N	N	N	100	1,000	1.0
0125	61 38 24	147 57 39	5.0	2.0	.50	.50	500	N	N	N	100	1,000	1.0
0126	61 44 49	147 55 53	10.0	2.0	.70	.50	1,000	N	N	N	1,000	500	<1.0
0127	61 46 56	148 9 30	7.0	3.0	1.00	.50	1,500	N	N	N	100	700	<1.0
0128	61 46 39	148 15 29	15.0	5.0	1.50	1.00	1,000	N	N	N	500	300	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0084	N	N	20	100	70	N	N	N	70	20	N	20	N
0085	N	N	50	150	100	N	N	N	100	50	N	20	N
0086	N	N	20	100	50	N	N	N	50	10	N	20	N
0087	N	N	50	150	100	N	N	N	100	50	N	20	N
0088	N	N	50	150	100	N	N	N	100	50	N	20	N
0089	N	N	50	200	100	N	N	N	100	70	N	30	N
0090	N	N	50	150	100	N	N	N	100	50	N	20	N
0091	N	N	20	100	20	100	N	N	30	20	N	15	N
0092	N	N	50	150	100	<20	N	N	100	70	N	20	N
0093	N	N	50	150	100	N	N	N	100	70	N	20	N
0094	N	N	50	200	100	100	N	N	100	50	N	30	N
0095	N	N	50	200	100	N	N	N	100	50	N	20	N
0096	N	N	70	300	200	<20	10	N	150	50	N	30	N
0097	N	N	50	150	100	N	N	N	100	70	N	20	N
0098	N	N	50	100	100	N	N	N	100	50	N	20	N
0099	N	N	50	150	100	N	N	N	100	70	N	20	N
0100	N	N	50	150	100	N	N	N	100	70	N	20	N
0101	N	N	50	200	100	N	N	N	100	70	N	30	N
0102	N	N	20	100	100	N	N	N	100	20	N	20	N
0103	N	N	30	100	100	N	N	N	100	20	N	20	N
0104	N	N	20	100	50	N	N	N	50	10	N	15	N
0105	N	N	20	100	100	<20	N	N	50	20	N	20	N
0106	N	N	30	200	150	50	N	N	100	20	N	30	N
0107	N	N	50	300	150	<20	N	N	100	50	N	30	N
0108	N	N	20	70	200	N	N	N	20	10	N	20	N
0109	N	N	50	200	150	N	N	N	100	20	N	30	N
0110	N	N	30	100	100	N	N	N	50	20	N	20	N
0111	N	N	20	150	100	200	N	N	100	20	N	20	N
0112	N	N	50	200	100	N	N	N	50	<10	N	50	N
0113	N	N	50	200	100	<20	N	N	50	70	N	20	N
0114	N	N	50	200	150	<20	N	N	70	50	N	20	N
0115	N	N	30	200	100	50	N	N	70	20	N	20	N
0116	N	N	50	200	100	50	N	N	100	50	N	30	N
0117	N	N	30	500	100	N	N	N	50	10	N	20	N
0118	N	N	30	300	100	<20	N	N	100	30	N	30	N
0119	N	N	20	50	70	N	N	N	20	N	N	30	N
0120	N	N	20	100	50	100	N	N	50	10	N	20	N
0121	N	N	20	100	70	N	N	N	50	50	N	20	N
0122	N	N	50	200	100	N	N	N	100	20	N	20	N
0123	N	N	20	200	70	N	N	N	50	20	N	20	N
0124	N	N	20	150	200	N	N	N	50	20	N	20	N
0125	N	N	20	100	50	N	N	N	50	10	N	20	N
0126	N	N	50	100	100	N	N	N	50	10	N	30	N
0127	N	N	30	200	100	N	N	N	50	<10	N	20	N
0128	N	N	100	700	150	N	N	N	50	N	N	50	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0084	300	200	N	50	<200	200	N	10	100	.60	--	<2
0085	200	200	N	50	<200	200	N	75	110	.40	--	<2
0086	500	200	N	50	<200	500	N	30	55	.20	--	<2
0087	300	200	N	50	<200	200	N	40	130	.30	--	<2
0088	500	200	N	50	<200	200	N	10	100	.30	--	<2
0089	200	200	N	50	<200	200	N	15	130	.20	--	<2
0090	200	200	N	50	<200	500	N	70	90	.35	--	<2
0091	500	150	N	50	<200	200	N	30	50	.10	--	N
0092	200	200	N	50	200	200	N	200	130	.30	--	<2
0093	200	200	N	50	200	200	N	50	140	.40	--	N
0094	200	200	N	50	<200	200	N	45	110	.20	--	N
0095	200	200	N	50	<200	200	N	30	120	.20	--	N
0096	200	200	N	50	<200	200	N	160	120	.50	--	8
0097	300	200	N	50	<200	200	N	20	100	.10	--	<2
0098	500	200	N	50	<200	200	N	15	110	.10	--	<2
0099	500	200	N	50	200	200	N	20	120	.10	--	N
0100	500	200	N	50	200	200	N	15	110	.10	--	N
0101	500	200	N	50	<200	200	N	10	85	.10	--	<2
0102	500	200	N	50	<200	200	N	15	80	.20	--	N
0103	300	200	N	50	<200	200	N	20	120	.10	--	<2
0104	500	200	N	30	<200	200	N	30	100	.10	--	N
0105	500	200	N	50	<200	200	N	10	100	.20	--	<2
0106	100	200	N	50	<200	200	N	45	150	.20	--	<2
0107	100	200	N	50	200	200	N	50	150	N	--	2
0108	100	200	N	50	<200	100	N	15	90	<.10	--	<2
0109	<100	200	N	50	<200	200	N	10	140	N	--	<2
0110	200	200	N	50	<200	200	N	60	110	N	--	2
0111	200	200	N	50	<200	500	N	50	110	N	--	2
0112	100	300	N	50	<200	100	N	<10	80	<.10	--	<2
0113	200	200	N	50	<200	200	N	25	140	N	--	<2
0114	300	200	N	50	200	200	N	20	140	N	--	<2
0115	500	200	N	50	<200	200	N	15	120	.10	--	2
0116	500	200	N	50	<200	200	N	20	130	<.10	--	2
0117	100	200	N	50	<200	200	N	60	120	.10	--	2
0118	100	200	N	50	<200	200	N	25	160	.10	--	2
0119	150	200	N	50	<200	100	N	10	90	.20	--	<2
0120	500	100	N	50	<200	300	N	10	70	.20	--	<2
0121	300	200	N	50	<200	300	N	40	110	.20	--	2
0122	150	200	N	50	<200	500	N	45	130	.70	--	<2
0123	150	200	N	50	<200	200	N	30	110	.10	--	3
0124	150	150	N	50	<200	200	N	45	120	.10	--	2
0125	300	150	N	50	<200	200	N	25	100	.20	--	2
0126	100	200	N	50	<200	100	N	10	75	.20	--	2
0127	100	200	N	50	<200	100	N	10	80	.20	--	2
0128	100	1,000	N	30	200	100	N	10	50	.20	--	<2

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0129	61 46 32	148 19 16	10.0	3.0	2.00	.50	1,000	N	N	N	100	100	N
0130	61 44 18	148 21 25	10.0	2.0	1.00	.50	1,000	N	N	N	100	1,000	<1.0
0131	61 44 21	148 21 31	10.0	7.0	2.00	.50	1,000	N	N	N	50	100	N
0132	61 43 2	148 19 30	10.0	7.0	5.00	.50	1,000	N	N	N	100	100	N
0133	61 42 16	148 17 40	10.0	3.0	.50	1.00	1,000	N	N	N	100	1,000	1.0
0134	61 42 19	148 17 34	7.0	2.0	.50	.50	1,000	N	N	N	100	1,000	1.0
0135	61 39 29	148 13 14	10.0	2.0	.10	.70	1,000	N	N	N	150	1,000	2.0
0136	61 53 25	148 4 10	10.0	2.0	1.00	.70	2,000	N	N	N	30	1,000	<1.0
0137	61 52 34	148 10 29	10.0	2.0	.70	.50	1,000	N	N	N	70	700	<1.0
0138	61 50 41	148 15 45	20.0	2.0	1.00	1.00	1,500	N	N	N	300	700	<1.0
0139	61 48 44	148 4 25	7.0	2.0	.20	.50	500	N	N	N	100	1,000	1.0
0140	61 48 36	147 56 19	10.0	2.0	1.00	.50	1,000	N	N	N	200	1,500	1.0
0141	61 49 54	147 55 33	15.0	2.0	1.00	1.00	2,000	N	N	N	50	1,000	<1.0
0142	61 49 46	147 45 28	10.0	2.0	2.00	.50	2,000	N	N	N	150	700	1.0
0143	61 49 50	147 28 6	10.0	2.0	2.00	.50	1,000	N	N	N	1,000	500	<1.0
0144	61 52 30	148 23 11	10.0	2.0	2.00	.50	1,000	N	N	N	150	500	<1.0
0145	61 52 31	148 23 0	7.0	1.5	1.50	.50	1,000	N	N	N	50	500	<1.0
0146	61 42 59	148 26 30	15.0	5.0	5.00	.70	1,000	N	N	N	150	200	<1.0
0147	61 41 1	148 24 52	10.0	5.0	5.00	.50	1,000	N	N	N	100	200	<1.0
0148	61 53 39	148 21 1	10.0	1.5	2.00	.50	1,000	N	N	N	50	500	<1.0
0149	61 54 26	148 20 0	10.0	1.5	2.00	.50	1,000	N	N	N	50	300	<1.0
0150	61 54 43	148 19 31	10.0	1.5	1.50	.50	1,000	N	N	N	100	700	<1.0
0151	61 54 48	148 19 33	5.0	1.0	2.00	.30	700	N	N	N	50	500	1.0
0152	61 58 4	148 19 16	10.0	1.5	2.00	.50	1,000	N	N	N	500	500	<1.0
0153	61 56 27	148 17 45	7.0	1.5	2.00	1.00	1,000	N	N	N	200	700	1.0
0154	61 58 35	148 17 46	5.0	1.0	2.00	.50	700	N	N	N	200	700	1.0
0155	61 58 46	148 22 47	5.0	1.0	.50	.50	700	N	N	N	150	1,000	1.0
0156	61 58 49	148 22 58	5.0	1.0	.70	.50	700	N	N	N	50	1,000	1.0
0157	61 58 48	148 22 29	7.0	.7	1.00	.50	1,000	N	N	N	1,000	500	<1.0
0158	61 59 54	148 17 19	10.0	1.0	1.00	.70	1,000	N	N	N	100	1,000	1.0
0159	61 59 50	148 17 45	5.0	.7	1.50	.50	700	N	N	N	10	300	<1.0
0160	62 0 53	148 10 40	15.0	2.0	2.00	>1.00	1,500	N	N	N	50	300	<1.0
0161	61 57 58	148 12 40	10.0	2.0	1.50	.70	1,000	N	N	N	200	700	1.0
0162	61 57 30	148 25 7	5.0	1.0	1.00	.50	1,000	N	N	N	100	1,000	1.0
0163	61 57 33	148 25 12	15.0	2.0	2.00	1.00	1,000	N	N	N	200	500	<1.0
0164	61 57 22	148 25 15	15.0	2.0	2.00	1.00	1,000	N	N	N	200	300	<1.0
0165	61 57 10	148 25 42	10.0	2.0	3.00	.70	1,000	N	N	N	200	500	<1.0
0166	61 57 7	148 25 40	5.0	1.0	1.00	.50	1,000	N	N	N	200	1,000	1.0
0167	61 54 35	148 33 39	10.0	1.5	3.00	1.00	1,000	N	N	N	100	300	<1.0
0168	61 54 30	148 33 39	10.0	1.0	1.00	.70	1,000	N	N	N	70	500	<1.0
0169	61 58 9	148 40 36	10.0	2.0	3.00	1.00	1,000	N	N	N	50	200	<1.0
0170	61 58 8	148 40 47	1.0	.2	.50	.10	700	N	N	N	20	300	<1.0
0171	61 56 7	148 38 35	10.0	3.0	2.00	1.00	1,000	N	N	N	200	200	<1.0
0172	61 56 9	148 38 41	5.0	1.5	2.00	.50	1,000	N	N	N	50	200	<1.0
0173	61 54 58	148 38 35	2.0	.7	1.00	.30	1,000	N	N	N	10	500	<1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0129	N	N	50	500	100	N	N	N	50	N	N	50	N
0130	N	N	20	200	100	N	N	N	50	10	N	20	N
0131	N	N	50	200	100	N	N	N	70	N	N	50	N
0132	N	N	50	200	100	N	N	N	50	N	N	50	N
0133	N	N	50	300	100	<20	N	N	100	20	N	30	N
0134	N	N	20	150	70	N	N	N	50	10	N	20	N
0135	N	N	50	200	100	<20	N	N	100	20	N	30	N
0135	N	N	30	20	100	N	N	N	10	<10	N	20	N
0137	N	N	20	100	50	N	N	N	20	<10	N	20	N
0138	N	N	50	1,000	100	100	N	N	50	<10	N	50	N
0139	N	N	30	150	50	N	N	N	50	20	N	15	N
0140	N	N	30	70	70	N	N	N	20	<10	N	20	N
0141	N	N	50	100	150	N	N	N	20	N	N	20	N
0142	N	N	50	500	100	N	N	N	100	70	N	20	N
0143	N	N	50	100	100	N	N	N	20	<10	N	50	N
0144	N	N	20	70	100	N	N	N	20	<10	N	20	N
0145	N	N	20	50	10	N	N	N	10	N	N	15	N
0146	N	N	70	500	100	N	N	N	100	N	N	50	N
0147	N	N	50	500	50	N	N	N	100	N	N	50	N
0148	N	N	20	70	50	N	N	N	10	N	N	20	N
0149	N	N	20	100	50	N	N	N	10	N	N	20	N
0150	N	N	50	70	100	N	N	N	30	<10	N	20	N
0151	N	N	20	20	50	N	N	N	20	<10	N	15	N
0152	N	N	30	50	100	N	N	N	10	10	N	20	N
0153	N	N	20	150	50	N	N	N	20	10	N	20	N
0154	N	N	20	100	30	50	N	N	20	10	N	15	N
0155	N	N	10	70	20	N	N	N	20	<10	N	10	N
0156	N	N	20	100	30	N	N	N	50	<10	N	10	N
0157	N	N	20	20	100	<20	N	N	5	<10	N	15	N
0158	N	N	20	200	70	<20	N	N	50	<10	N	15	N
0159	N	N	10	20	20	N	N	N	10	N	N	10	N
0160	N	N	50	70	100	N	N	N	50	N	N	50	N
0161	N	N	20	200	20	<20	N	N	20	<10	N	20	N
0162	N	N	20	100	50	N	N	N	50	<10	N	20	N
0163	N	N	50	200	150	N	N	N	50	<10	N	50	N
0164	N	N	50	150	100	N	N	N	20	<10	N	50	N
0165	N	N	50	100	100	N	N	N	50	<10	N	50	N
0166	N	N	20	100	50	<20	N	N	30	<10	N	20	N
0167	N	N	30	100	100	N	N	N	20	N	N	30	N
0168	N	N	20	50	50	N	N	N	10	<10	N	20	N
0169	N	N	30	20	100	N	N	N	10	<10	N	20	N
0170	N	N	<5	N	5	N	N	N	5	<10	N	N	N
0171	N	N	50	50	100	N	N	N	10	<10	N	50	N
0172	N	N	20	20	50	N	N	N	10	<10	N	20	N
0173	N	N	10	20	20	N	N	N	5	<10	N	10	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0129	100	200	N	30	<200	20	N	<10	50	.10	--	<2
0130	100	200	N	50	<200	150	N	15	100	.30	--	2
0131	200	200	N	20	<200	<10	N	<10	60	<.10	--	<2
0132	200	200	N	20	200	20	N	N	50	.20	--	<2
0133	<100	200	N	50	200	200	N	20	140	.30	--	3
0134	100	200	N	50	300	150	N	20	120	.20	--	3
0135	100	300	N	50	<200	200	N	30	160	.10	--	2
0136	150	200	N	30	300	100	N	10	270	.20	--	<2
0137	200	700	N	30	<200	100	N	25	110	.20	--	<2
0138	200	200	N	50	<200	500	N	25	270	.20	--	<2
0139	100	300	N	30	200	150	N	15	100	.20	--	<2
0140	200	500	N	50	<200	100	N	30	190	.20	--	<2
0141	200	300	N	50	<200	150	N	20	170	<.10	--	<2
0142	200	300	N	50	<200	100	N	45	150	.20	--	<2
0143	200	300	N	50	<200	100	N	10	110	.10	--	N
0144	300	200	N	50	<200	100	N	<10	120	.20	--	N
0145	500	200	N	50	<200	200	N	N	50	.10	--	N
0146	300	200	N	50	<200	100	N	N	30	.10	--	<2
0147	200	200	N	50	<200	100	N	N	40	.10	--	<2
0148	200	200	N	50	<200	100	N	<10	130	.20	--	<2
0149	200	300	N	50	<200	200	N	30	100	.10	--	<2
0150	300	200	N	50	<200	200	N	20	90	2.50	--	N
0151	300	150	N	50	<200	200	N	10	60	.20	--	N
0152	<100	200	N	50	<200	200	N	20	55	.30	--	N
0153	300	200	N	50	<200	200	N	35	120	.20	--	N
0154	300	150	N	50	<200	200	N	20	80	.30	--	<2
0155	200	150	N	30	<200	200	N	15	80	.20	--	<2
0156	200	150	N	50	<200	200	N	15	90	.40	--	<2
0157	100	200	N	50	<200	200	N	35	50	.20	--	<2
0158	500	150	N	50	<200	200	N	25	90	.20	--	<2
0159	500	100	N	50	<200	200	N	15	50	.10	--	<2
0160	150	500	N	100	200	200	N	20	160	.20	--	N
0161	500	200	N	50	<200	200	N	35	90	.20	--	N
0162	200	200	N	50	<200	200	N	20	85	.20	--	<2
0163	200	700	N	50	200	500	N	30	85	.20	--	<2
0164	<100	700	N	50	200	500	N	30	65	.10	--	<2
0165	100	300	N	50	200	150	N	30	75	.20	--	<2
0166	300	200	N	50	<200	150	N	25	80	.20	--	<2
0167	300	500	N	50	<200	200	N	25	65	N	--	<2
0168	<100	300	N	100	200	1,000	N	20	55	.10	--	N
0169	500	300	N	50	<200	200	N	10	25	<.10	--	N
0170	300	20	N	N	<200	50	N	15	15	<.10	--	3
0171	300	300	N	50	<200	200	N	15	65	.30	--	<2
0172	300	200	N	20	<200	100	N	<10	30	.10	--	<2
0173	500	150	N	20	<200	100	N	<10	35	.10	--	<2

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0174	61 52 51	148 36 24	7.0	2.0	2.00	.50	1,000	N	N	N	70	200	<1.0
0175	61 50 35	148 39 32	3.0	1.0	1.00	.50	500	N	N	N	50	500	1.0
0176	61 49 49	148 38 37	3.0	1.0	1.00	.50	500	N	N	N	50	500	1.0
0177	61 46 16	148 41 57	10.0	1.0	1.00	1.00	1,000	N	N	N	70	700	1.0
0178	61 46 17	148 42 3	5.0	1.0	.70	.50	1,000	N	N	N	50	500	1.0
0179	61 47 50	148 50 0	5.0	1.0	2.00	.50	1,000	N	N	N	20	300	1.0
0180	61 48 39	147 31 54	15.0	2.0	1.00	.50	700	N	N	N	50	700	<1.0
0181	61 44 59	147 37 12	10.0	2.0	3.00	.50	1,500	N	N	N	50	500	<1.0
0182	61 34 40	147 57 1	7.0	2.0	.70	.50	1,000	N	N	N	100	1,000	2.0
0183	61 34 39	147 56 56	7.0	2.0	.70	.50	1,000	N	N	N	100	1,000	2.0
0184	61 34 41	147 56 49	7.0	2.0	.70	.50	1,000	N	N	N	100	1,000	2.0
0185	61 35 24	147 57 36	7.0	2.0	1.00	.50	1,000	N	N	N	100	1,000	2.0
0186	61 34 53	147 55 43	7.0	2.0	.50	.50	1,000	N	N	N	100	1,000	2.0
0187	61 35 32	147 55 23	7.0	2.0	.70	.50	1,000	N	N	N	100	1,000	2.0
0188	61 40 8	148 12 50	7.0	3.0	2.00	.50	1,000	N	N	N	100	700	1.0
0189	61 40 11	148 12 57	5.0	2.0	.70	.50	1,000	N	N	N	100	700	2.0
0190	61 29 27	147 53 37	10.0	2.0	.50	.70	1,000	N	N	N	150	1,000	1.0
0191	61 29 29	147 53 38	10.0	2.0	.50	.70	1,000	N	N	N	100	1,500	2.0
0192	61 29 30	147 53 39	10.0	2.0	.50	.70	1,000	N	N	N	100	1,500	2.0
0193	61 28 52	147 55 25	10.0	2.0	.70	.70	1,000	N	N	N	100	1,500	2.0
0194	61 27 37	147 57 20	10.0	2.0	.70	1.00	1,000	N	N	N	100	1,500	2.0
0195	61 26 5	147 59 41	10.0	2.0	.30	1.00	1,000	N	N	N	150	1,000	2.0
0196	61 26 13	147 59 42	10.0	2.0	.30	1.00	1,000	N	N	N	150	1,500	2.0
0197	61 26 27	148 2 43	10.0	2.0	.30	.70	1,000	N	N	N	150	1,500	2.0
0198	61 27 48	148 7 47	10.0	2.0	.50	.70	1,000	N	N	N	100	1,000	1.0
0199	61 29 28	148 10 16	10.0	2.0	.50	.70	1,000	N	N	N	100	1,500	1.0
0200	61 29 21	148 10 20	10.0	2.0	.30	.70	1,000	N	N	N	150	1,500	2.0
0201	61 31 17	148 9 22	10.0	2.0	.50	1.00	1,000	N	N	N	100	1,000	2.0
0202	61 39 5	148 30 43	10.0	3.0	1.50	.70	1,000	N	N	N	100	500	<1.0
0203	61 39 3	148 30 47	10.0	7.0	2.00	1.00	2,000	N	N	N	200	700	<1.0
0204	61 40 52	148 33 10	10.0	7.0	2.00	1.00	1,500	N	N	N	100	700	<1.0
0205	61 40 56	148 33 18	15.0	7.0	3.00	1.00	1,500	N	N	N	50	300	<1.0
0206	61 38 44	148 36 59	15.0	10.0	2.00	1.00	1,000	N	N	N	20	500	<1.0
0207	61 44 31	148 36 14	10.0	2.0	.50	.70	1,000	N	N	N	150	700	1.0
0208	61 44 25	148 36 21	10.0	7.0	2.00	.70	1,500	N	N	N	50	500	<1.0
0209	61 43 11	148 43 36	10.0	2.0	2.00	1.00	1,000	N	N	N	100	200	<1.0
0210	61 40 24	148 40 42	10.0	3.0	2.00	.70	1,000	N	N	N	50	150	<1.0
0211	61 38 30	148 40 10	10.0	5.0	3.00	1.00	1,000	N	N	N	100	100	N
0212	61 41 11	148 53 4	10.0	2.0	1.00	.50	1,000	N	N	N	50	500	<1.0
0213	61 41 16	148 53 0	15.0	5.0	3.00	1.00	1,500	N	N	N	50	200	N
0214	61 37 59	148 50 30	10.0	5.0	2.00	.70	1,000	N	N	N	50	500	<1.0
0215	61 37 54	148 50 49	10.0	5.0	5.00	.50	1,000	N	N	N	50	200	<1.0
0216	61 34 53	148 45 1	5.0	2.0	2.00	.50	1,000	N	N	N	50	500	<1.0
0217	61 51 44	148 46 49	10.0	2.0	2.00	.50	1,000	1.5	N	N	50	500	<1.0
0218	61 51 44	148 46 34	15.0	2.0	2.00	1.00	1,000	N	N	N	50	500	<1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0174	N	N	30	20	50	N	N	N	10	<10	N	30	N
0175	N	N	15	20	50	N	N	N	10	<10	N	10	N
0176	N	N	15	20	50	<20	N	N	10	10	N	10	N
0177	N	N	20	200	50	N	N	N	20	15	N	15	N
0178	N	N	20	100	20	N	N	N	50	<10	N	15	N
0179	N	N	20	30	30	N	N	N	10	<10	N	15	N
0180	N	N	20	100	100	N	N	N	20	<10	N	50	N
0181	N	N	30	100	100	N	N	N	50	<10	N	20	N
0182	N	N	50	150	100	<20	N	N	100	50	N	20	N
0183	N	N	20	150	100	<20	N	N	50	30	N	20	N
0184	N	N	50	150	100	<20	N	N	100	50	N	20	N
0185	N	N	20	100	700	50	N	N	100	30	N	20	N
0186	N	N	50	150	100	20	N	N	100	30	N	20	N
0187	N	N	50	150	150	20	N	N	100	30	N	20	N
0188	N	N	30	100	70	N	N	N	50	<10	N	20	N
0189	N	N	30	100	70	20	N	N	50	10	N	20	N
0190	N	N	50	150	100	N	N	N	100	50	N	20	N
0191	N	N	50	200	100	N	N	N	100	70	N	30	N
0192	N	N	50	200	100	N	N	N	100	50	N	50	N
0193	N	N	50	200	100	N	N	N	100	70	N	50	N
0194	N	N	50	200	300	<20	N	N	100	100	N	50	N
0195	N	N	50	200	100	N	N	N	100	50	N	30	N
0196	N	N	50	300	150	<20	N	N	100	70	N	50	N
0197	N	N	30	200	100	N	N	N	100	70	N	30	N
0198	N	N	30	200	100	N	N	N	100	20	N	20	N
0199	N	N	30	200	100	N	N	N	100	20	N	30	N
0200	N	N	30	200	100	N	N	N	100	20	N	30	N
0201	N	N	50	200	100	N	N	N	100	50	N	30	N
0202	N	N	30	200	100	N	N	N	100	<10	N	50	N
0203	N	N	70	5,000	200	N	N	N	300	<10	N	50	N
0204	N	N	70	3,000	150	N	N	N	300	<10	N	50	N
0205	N	N	100	>5,000	150	N	N	N	300	N	N	50	N
0206	N	N	100	>5,000	150	N	N	N	500	<10	N	50	N
0207	N	N	50	300	100	N	N	N	70	20	N	30	N
0208	N	N	70	>5,000	100	N	N	N	200	<10	N	30	N
0209	N	N	50	500	100	N	N	N	50	<10	N	50	N
0210	N	N	50	50	100	N	N	N	10	N	N	50	N
0211	N	N	50	150	150	N	N	N	50	N	N	50	N
0212	N	N	30	500	100	N	N	N	50	10	N	30	N
0213	N	N	50	300	100	N	N	N	20	10	N	50	N
0214	N	N	50	1,000	50	N	N	N	100	<10	N	30	N
0215	N	N	50	100	100	N	N	N	20	N	N	50	N
0216	N	N	20	70	20	N	N	N	30	<10	N	20	N
0217	N	N	20	70	50	N	<5	N	15	50	N	20	N
0219	N	N	30	70	100	N	N	N	20	20	N	50	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0174	500	200	N	30	<200	100	N	10	35	.10	--	<2
0175	500	150	N	30	<200	100	N	40	50	.10	--	<2
0176	300	150	N	30	<200	500	N	30	45	.10	--	<2
0177	300	200	N	50	<200	200	N	25	70	.20	--	<2
0178	200	150	N	20	<200	100	N	20	70	.20	--	<2
0179	700	200	N	20	<200	150	N	15	45	.10	--	<2
0180	200	200	N	30	<200	50	N	40	60	.10	--	<2
0181	<100	300	N	30	<200	100	N	25	70	.10	--	<2
0182	200	200	N	50	<200	200	N	45	15	.20	--	3
0183	200	200	N	50	<200	200	N	45	130	.20	--	2
0184	200	200	N	50	<200	200	N	60	160	.30	--	2
0185	300	200	N	50	<200	200	N	60	110	.30	--	<2
0186	200	200	N	50	<200	200	N	40	150	.30	--	2
0187	300	200	N	50	<200	200	N	50	150	.20	--	3
0188	100	200	N	50	<200	100	N	--	--	--	--	--
0189	100	200	N	50	<200	150	N	30	140	.20	--	3
0190	500	200	N	50	200	200	N	15	90	<.20	N	<2
0191	500	200	N	50	<200	200	N	10	95	.20	N	<2
0192	500	200	N	50	<200	200	N	15	90	<.20	N	<2
0193	500	200	N	50	<200	200	N	20	95	<.20	N	<2
0194	500	200	N	50	200	200	N	30	95	.10	N	<2
0195	100	200	N	50	<200	200	N	20	100	.10	N	3
0196	100	200	N	50	200	300	N	20	110	.10	N	3
0197	100	200	N	50	200	300	N	20	95	N	N	3
0198	200	200	N	50	<200	200	N	20	100	.10	N	3
0199	500	200	N	50	<200	200	N	15	75	.20	N	8
0200	100	200	N	50	200	200	N	15	110	<.10	N	2
0201	200	200	N	50	200	200	N	20	100	.10	N	<2
0202	200	200	N	50	<200	200	N	N	60	N	N	<2
0203	200	200	N	50	<200	200	N	N	35	.30	N	<2
0204	200	200	N	50	<200	100	N	N	45	N	N	N
0205	300	200	N	50	<200	50	N	N	45	N	N	N
0206	200	200	N	50	<200	100	N	N	45	N	N	N
0207	150	200	N	50	<200	200	N	20	100	N	N	N
0208	200	200	N	50	<200	100	N	<2	65	<.10	N	N
0209	300	500	N	30	<200	50	N	<2	85	N	N	N
0210	500	300	N	50	<200	200	N	N	60	N	N	N
0211	500	300	N	30	<200	50	N	<2	75	N	N	N
0212	300	200	N	50	200	100	N	<2	110	.20	N	N
0213	700	500	N	50	200	200	N	N	65	N	N	N
0214	700	200	N	50	<200	500	N	<2	40	N	N	N
0215	500	200	N	30	<200	50	N	<2	60	N	N	N
0215	1,000	150	N	30	<200	500	N	N	25	N	N	N
0217	2,000	200	N	30	<200	200	N	10	85	.10	N	N
0218	1,000	300	N	50	<200	200	N	15	50	N	N	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0219	61 50 22	148 51 53	5.0	1.5	1.50	.50	1,000	N	N	N	50	700	<1.0
0220	61 50 26	148 51 54	10.0	2.0	2.00	.70	1,000	N	N	N	50	500	<1.0
0221	61 47 25	148 54 45	5.0	2.0	1.00	.50	1,000	N	N	N	100	1,000	<1.0
0222	61 47 25	148 54 40	5.0	2.0	1.00	.50	1,000	N	N	N	100	1,000	1.0
0223	61 44 5	149 1 24	10.0	3.0	1.50	.50	1,500	N	N	N	100	1,000	1.0
0224	61 47 33	149 0 36	15.0	3.0	1.50	1.00	1,000	N	N	N	150	500	<1.0
0225	61 51 26	148 59 4	10.0	5.0	2.00	.70	1,000	N	N	N	50	500	<1.0
0226	61 51 28	148 59 8	10.0	7.0	2.00	.70	1,000	N	N	N	100	700	<1.0
0227	61 47 43	149 6 53	10.0	3.0	2.00	.50	1,000	N	N	N	50	500	1.0
0228	61 49 27	149 11 14	10.0	3.0	2.00	.50	1,000	N	N	N	50	1,000	1.0
0229	61 49 28	149 11 7	10.0	2.0	1.50	.50	1,000	N	N	N	100	500	1.5
0230	61 49 3	149 11 20	10.0	2.0	1.50	.50	1,000	N	N	N	70	700	2.0
0231	61 49 9	149 11 27	7.0	2.0	1.50	.50	1,000	N	N	N	100	1,000	1.0
0232	61 48 11	149 11 49	15.0	3.0	2.00	.50	1,000	N	N	N	70	500	<1.0
0233	61 36 18	148 57 34	10.0	5.0	5.00	.50	1,000	N	N	N	100	200	<1.0
0234	61 33 12	148 54 30	10.0	7.0	2.00	.70	1,000	N	N	N	20	500	<1.0
0235	61 31 19	148 46 53	10.0	2.0	.20	.50	1,000	N	N	N	200	1,000	1.0
0236	61 31 33	148 40 45	10.0	2.0	.20	.50	1,000	N	N	N	200	1,000	2.0
0237	61 31 27	148 40 42	10.0	2.0	.20	.50	1,000	N	N	N	200	1,000	2.0
0238	61 35 30	148 31 3	15.0	5.0	1.50	1.00	1,000	N	N	N	100	500	<1.0
0239	61 32 5	148 33 44	7.0	1.5	.20	.50	500	N	N	N	100	700	1.0
0240	61 32 2	148 33 52	5.0	2.0	.50	.50	700	N	N	N	70	500	1.0
0241	61 27 38	148 35 50	7.0	2.0	.20	.50	700	N	N	N	100	1,000	1.0
0242	61 27 36	148 29 42	10.0	2.0	.50	.50	1,000	N	N	N	150	1,000	1.0
0243	61 27 33	148 29 42	7.0	2.0	.20	.70	500	N	N	N	100	1,000	<1.0
0244	61 29 26	148 27 40	10.0	2.0	.30	.50	700	N	N	N	100	1,000	1.0
0245	61 29 29	148 27 44	10.0	2.0	.50	.50	1,000	N	N	N	100	1,000	1.0
0246	61 33 50	148 23 29	7.0	2.0	.30	.50	1,000	N	N	N	100	1,000	1.0
0247	61 33 55	148 23 40	10.0	2.0	.50	.50	1,000	<.5	N	N	100	1,000	1.0
0248	61 35 9	148 22 35	10.0	2.0	.50	.50	1,000	<.5	N	N	100	1,000	1.0
0249	61 35 10	148 22 47	10.0	2.0	.70	.50	1,000	N	N	N	100	1,000	1.0
0250	61 36 54	148 23 28	10.0	2.0	.30	.70	1,000	N	N	N	150	1,000	1.0
0251	61 36 57	148 23 36	10.0	2.0	.70	.70	1,000	N	N	N	100	1,000	1.0
0252	61 36 59	148 21 43	10.0	2.0	.10	.50	700	N	N	N	150	1,000	1.0
0253	61 34 54	148 19 43	10.0	2.0	.20	.50	1,000	N	N	N	150	1,000	1.0
0254	61 34 57	148 19 44	10.0	2.0	.20	.50	1,000	N	N	N	150	1,000	1.0
0255	61 32 17	148 3 41	10.0	2.0	.50	.50	1,000	N	N	N	100	1,000	1.0
0256	61 31 37	148 5 50	10.0	2.0	.50	.50	1,000	N	N	N	100	1,000	1.0
0300	61 57 37	147 16 42	7.0	1.5	.50	.50	5,000	N	N	N	100	700	1.0
0301	61 57 46	147 16 11	5.0	1.5	1.00	.50	1,500	N	N	N	50	500	<1.0
0302	61 56 56	147 17 57	7.0	.7	1.00	.20	2,000	N	N	N	20	500	1.0
0303	61 59 49	147 21 57	3.0	.5	1.00	.20	500	N	N	N	10	300	<1.0
0304	61 59 7	147 23 16	7.0	2.0	2.00	.50	500	N	N	N	50	300	<1.0
0305	61 57 23	147 28 23	5.0	1.0	1.00	.50	500	N	N	N	50	500	<1.0
0306	61 57 10	147 28 7	5.0	1.0	1.00	.50	500	N	N	N	50	300	<1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0219	N	N	20	30	20	N	N	N	10	20	N	15	N
0220	N	N	30	100	50	N	N	N	20	20	N	20	N
0221	N	N	20	30	50	N	N	N	10	50	N	15	N
0222	N	N	15	50	50	N	N	N	10	50	N	15	N
0223	N	N	30	150	150	N	N	N	50	20	N	20	N
0224	N	N	50	200	50	N	N	N	70	20	N	50	N
0225	N	N	30	200	150	N	N	N	50	10	N	50	N
0226	N	N	50	200	50	N	N	N	100	50	N	50	N
0227	N	N	30	100	100	N	N	N	20	20	N	50	N
0228	N	N	30	70	100	<20	15	N	20	50	N	50	N
0229	N	N	30	100	100	<20	<5	N	200	70	N	70	N
0230	N	N	30	100	100	100	N	N	50	100	N	50	N
0231	N	N	30	50	100	N	<5	N	20	20	N	30	N
0232	N	N	30	70	100	N	N	N	10	20	N	50	N
0233	N	N	50	200	100	N	N	N	50	20	N	50	N
0234	N	N	50	500	100	N	N	N	100	20	N	50	N
0235	N	N	50	200	100	N	20	N	100	100	N	20	N
0236	N	N	50	200	100	N	N	N	100	50	N	30	N
0237	N	N	50	200	100	N	N	N	100	70	N	30	N
0238	N	N	100	300	200	N	N	N	100	70	N	50	N
0239	N	N	50	150	50	N	N	N	70	20	N	20	N
0240	N	N	20	100	50	N	N	N	50	20	N	20	N
0241	N	N	50	150	70	N	N	N	50	50	N	20	N
0242	N	N	50	200	100	<20	N	N	100	50	N	20	N
0243	N	N	30	200	50	N	N	N	100	20	N	20	N
0244	N	N	50	200	70	N	N	N	100	50	N	20	N
0245	N	N	50	200	100	200	N	N	100	20	N	20	N
0246	N	N	30	200	70	N	N	N	100	20	N	20	N
0247	N	N	50	200	100	N	N	N	100	50	N	20	N
0248	N	N	50	200	100	N	N	N	100	50	N	20	N
0249	N	N	50	200	100	N	N	N	100	50	N	20	N
0250	N	N	50	200	100	N	N	N	100	50	N	20	N
0251	N	N	50	200	100	N	N	N	100	70	N	30	N
0252	N	N	50	200	100	N	N	N	100	50	N	20	N
0253	N	N	50	200	100	N	N	N	100	50	N	20	N
0254	N	N	50	200	100	N	N	N	100	20	N	20	N
0255	N	N	50	200	100	N	N	N	100	70	N	20	N
0256	N	N	20	200	100	N	N	N	100	20	N	20	N
0300	N	N	50	100	50	<20	N	N	100	50	N	20	N
0301	N	N	20	200	50	<20	N	N	50	10	N	20	N
0302	N	N	30	50	20	<20	N	N	30	<10	N	10	N
0303	N	N	10	20	10	<20	N	N	10	N	N	10	N
0304	N	N	50	50	50	<20	N	N	20	<10	N	20	N
0305	N	N	30	50	50	<20	N	N	20	10	N	20	N
0306	N	N	20	50	20	<20	N	N	20	<10	N	20	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0219	1,000	150	N	20	<200	100	N	10	60	<.10	N	N
0220	2,000	200	N	50	<200	500	N	10	70	.10	N	N
0221	1,000	200	N	20	<200	100	N	10	70	<.10	N	N
0222	1,000	150	N	20	<200	100	N	10	75	.10	N	N
0223	500	200	N	50	<200	100	N	15	45	N	N	N
0224	500	500	N	50	<200	150	N	65	65	<.10	N	N
0225	1,000	200	N	50	<200	200	N	10	35	N	N	<2
0226	500	300	N	30	<200	100	N	25	60	N	N	3
0227	1,000	200	N	50	<200	500	N	10	30	N	N	<2
0228	700	200	N	50	<200	500	N	10	55	.30	N	N
0229	500	300	N	100	<200	>1,000	N	10	75	.30	N	3
0230	700	200	N	50	<200	1,000	N	15	40	.10	N	N
0231	1,000	200	N	50	<200	50	N	10	50	.10	N	<2
0232	500	200	70	50	<200	1,000	N	10	45	<.10	N	<2
0233	500	200	N	30	<200	50	N	<2	65	.10	N	N
0234	200	200	N	50	200	100	N	<2	95	.30	N	N
0235	100	200	N	50	200	150	N	50	160	.30	N	3
0236	100	200	N	50	200	200	N	15	170	.30	N	<2
0237	100	200	N	50	500	200	N	<2	85	.20	N	N
0238	200	300	N	70	<200	150	N	<2	130	.20	N	2
0239	<100	150	N	50	<200	200	N	30	120	.20	N	3
0240	200	100	N	30	<200	200	N	20	80	.10	N	3
0241	100	200	N	50	<200	200	N	25	110	.20	N	2
0242	100	200	N	50	<200	200	N	30	120	.20	N	2
0243	<100	200	N	30	<200	200	N	25	100	.20	N	4
0244	<100	200	N	50	<200	200	N	20	110	.20	N	3
0245	<100	200	N	50	<200	200	N	40	120	.20	N	3
0246	<100	200	N	50	200	200	N	40	110	.20	N	2
0247	100	200	N	50	<200	200	N	55	130	.20	N	5
0248	<100	200	N	50	200	200	N	35	130	.20	N	2
0249	100	200	N	50	<200	200	N	40	120	.20	N	3
0250	<100	200	N	50	200	200	N	70	120	.20	N	4
0251	100	200	N	50	200	300	N	150	160	.30	N	4
0252	N	200	N	50	200	200	N	50	150	.20	N	4
0253	<100	200	N	50	200	200	N	35	130	.20	N	3
0254	<100	200	N	50	200	200	N	15	130	.20	N	3
0255	200	200	N	50	200	200	N	30	120	.30	N	4
0256	100	200	N	50	200	200	N	25	110	.30	N	2
0300	200	200	N	30	<200	150	N	20	130	.30	--	N
0301	200	200	N	30	<200	100	N	10	85	.30	--	N
0302	200	100	N	20	<200	50	N	35	140	.40	--	2
0303	200	100	N	30	<200	100	N	5	90	.50	--	<2
0304	300	200	N	30	<200	50	N	N	75	<.10	--	2
0305	200	200	N	30	<200	100	N	5	75	N	--	2
0306	200	150	N	30	<200	100	N	<5	70	N	--	<2

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0307	61 58 48	147 23 16	10.0	2.0	3.00	.50	1,000	N	N	N	50	500	<1.0
0308	61 56 54	147 29 36	10.0	2.0	2.00	.50	1,000	N	N	N	50	1,000	1.0
0309	61 56 56	147 29 29	10.0	2.0	2.00	1.00	700	N	N	N	50	700	<1.0
0310	61 59 58	147 34 20	10.0	2.0	3.00	1.00	700	N	N	N	30	700	<1.0
0311	61 58 44	147 34 14	10.0	2.0	3.00	1.00	700	N	N	N	30	700	<1.0
0312	61 58 49	147 34 9	10.0	2.0	2.00	1.00	700	N	N	N	20	500	<1.0
0313	61 58 49	147 34 17	5.0	2.0	2.00	1.00	500	N	N	N	30	500	<1.0
0314	61 55 34	147 36 3	10.0	2.0	2.00	1.00	500	N	N	N	70	700	<1.0
0315	61 56 44	147 42 24	10.0	2.0	3.00	1.00	1,000	N	N	N	30	500	<1.0
0316	61 56 31	147 42 26	10.0	2.0	2.00	1.00	1,000	N	N	N	70	1,000	<1.0
0317	62 1 11	147 53 7	10.0	1.5	2.00	1.00	1,000	N	N	N	50	300	<1.0
0318	61 59 31	147 46 58	10.0	2.0	2.00	1.00	1,000	N	N	N	30	500	<1.0
0319	61 57 58	147 46 47	10.0	2.0	2.00	.70	700	N	N	N	100	1,000	<1.0
0320	61 58 7	147 46 57	15.0	2.0	2.00	1.00	2,000	N	N	N	20	300	<1.0
0321	61 58 6	147 51 14	10.0	2.0	3.00	.70	500	N	N	N	100	700	<1.0
0322	61 58 10	147 51 13	10.0	1.5	2.00	1.00	1,000	N	N	N	50	200	<1.0
0323	61 59 53	148 3 35	15.0	2.0	2.00	1.00	1,000	N	N	N	50	200	<1.0
0324	61 58 22	147 59 11	10.0	2.0	2.00	1.00	1,000	N	N	N	50	300	<1.0
0325	61 58 23	147 59 18	15.0	1.5	3.00	1.00	1,000	N	N	N	50	200	<1.0
0326	61 56 39	148 1 48	10.0	2.0	1.00	.70	1,000	N	N	N	50	500	<1.0
0327	61 55 26	148 6 26	15.0	2.0	1.00	1.00	1,000	N	N	N	50	1,000	<1.0
0328	61 53 1	148 10 17	15.0	2.0	2.00	.70	1,000	N	N	N	50	1,000	<1.0
0329	61 59 29	147 46 46	15.0	3.0	3.00	1.00	1,000	N	N	N	20	300	<1.0
0330	61 55 9	147 43 58	10.0	2.0	1.50	.70	500	N	N	N	70	1,500	<1.0
0331	61 52 3	147 50 22	10.0	5.0	2.00	1.00	700	N	N	N	100	1,000	<1.0
0332	61 52 31	147 42 2	10.0	3.0	1.50	1.00	700	N	N	N	100	1,500	<1.0
0333	61 52 26	147 42 1	10.0	2.0	1.00	.70	700	N	N	N	100	1,500	<1.0
0334	61 58 31	147 8 50	10.0	2.0	2.00	.70	>5,000	N	N	N	50	1,000	<1.0
0335	61 55 51	147 16 37	10.0	2.0	1.00	.70	1,500	N	N	N	100	1,000	<1.0
0336	61 54 34	147 21 30	7.0	2.0	1.50	.70	1,000	N	N	N	70	1,500	<1.0
0337	61 53 15	147 25 48	15.0	2.0	2.00	.70	1,000	N	N	N	100	700	<1.0
0338	61 53 4	147 32 36	10.0	2.0	1.00	.70	1,000	N	N	N	100	2,000	<1.0
0339	61 53 32	147 28 30	10.0	2.0	2.00	.70	1,000	N	N	N	50	1,500	<1.0
0340	61 52 25	147 35 46	10.0	3.0	3.00	.70	1,000	N	N	N	50	1,000	<1.0
0341	61 52 29	147 35 38	15.0	2.0	2.00	.70	1,000	N	N	N	200	1,000	<1.0
0341	61 55 34	147 36 3	5.0	2.0	1.00	.50	700	N	N	N	50	700	1.0
0342	61 50 13	147 39 13	10.0	3.0	3.00	.70	1,000	N	N	N	50	1,000	<1.0
0343	61 46 59	147 38 58	10.0	2.0	1.50	.70	1,000	N	N	N	100	700	<1.0
0344	61 47 44	147 30 4	7.0	5.0	2.00	.50	1,000	N	N	N	100	500	<1.0
0345	61 49 50	147 23 34	10.0	3.0	3.00	1.00	1,000	N	N	N	50	500	N
0346	61 49 42	147 23 6	10.0	3.0	1.00	.70	1,000	N	N	N	100	2,000	<1.0
0347	61 48 33	147 5 51	10.0	3.0	5.00	.50	1,000	N	N	N	50	200	N
0348	61 44 23	147 7 9	15.0	7.0	10.00	.50	1,000	N	N	N	30	50	N
0349	61 43 0	147 5 45	10.0	7.0	3.00	.70	1,000	N	N	N	150	500	<1.0
0350	61 39 34	147 4 55	7.0	2.0	.20	.50	1,000	N	N	N	100	1,000	1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0307	N	N	30	50	100	<20	N	N	20	N	N	20	N
0308	N	N	30	700	50	<20	N	N	100	50	100	10	N
0309	N	N	30	150	50	<20	N	N	50	20	N	20	N
0310	N	N	30	150	50	<20	N	N	50	20	N	20	N
0311	N	N	30	50	50	<20	N	N	20	10	N	20	N
0312	N	N	20	20	50	<20	N	N	10	10	N	20	N
0313	N	N	30	50	50	<20	N	N	20	10	N	10	N
0314	N	N	30	100	50	<20	N	N	50	20	N	20	N
0315	N	N	50	50	50	<20	N	N	50	10	N	20	N
0316	N	N	30	150	50	<20	N	N	50	20	N	20	N
0317	N	N	50	50	50	N	N	N	50	10	N	20	N
0318	N	N	30	100	50	N	N	N	50	<10	N	30	N
0319	N	N	30	70	50	N	N	N	20	20	N	20	N
0320	N	N	50	150	100	N	N	N	50	N	N	50	N
0321	N	N	50	100	100	N	N	N	50	20	N	30	N
0322	N	N	30	100	50	N	N	N	50	N	N	20	N
0323	N	N	50	200	50	N	N	N	50	N	N	30	N
0324	N	N	50	150	50	N	N	N	50	N	N	30	N
0325	N	N	50	100	100	N	N	N	50	N	N	30	N
0326	N	N	30	100	70	N	N	N	20	70	N	30	N
0327	N	N	50	50	100	N	N	N	10	150	N	30	N
0328	N	N	70	150	100	N	N	N	50	50	N	50	N
0329	N	N	70	150	70	N	N	N	50	10	N	30	N
0330	N	N	50	300	100	N	N	N	70	70	N	20	N
0331	N	N	70	500	100	N	N	N	100	70	N	30	N
0332	N	N	50	500	100	N	N	N	100	70	N	30	N
0333	N	N	50	300	100	N	N	N	100	70	N	20	N
0334	N	N	50	200	70	N	N	N	70	50	N	20	N
0335	N	N	50	300	100	N	N	N	100	70	N	30	N
0336	N	N	20	500	50	100	N	N	70	70	N	20	N
0337	N	N	50	200	100	N	N	N	50	20	N	50	N
0338	N	N	50	300	100	50	N	N	100	70	N	30	N
0339	N	N	30	500	50	50	N	N	100	50	N	20	N
0340	N	N	50	150	70	N	N	N	50	20	N	30	N
0341	N	N	70	200	150	N	N	N	70	50	N	50	N
0341	N	N	50	200	50	N	N	N	50	20	N	20	N
0342	N	N	30	500	100	N	N	N	70	50	N	50	N
0343	N	N	50	300	100	N	N	N	100	50	N	50	N
0344	N	N	50	300	150	N	N	N	50	50	N	30	N
0345	N	N	50	500	100	N	N	N	50	50	N	50	N
0346	N	N	70	300	100	<20	N	N	150	70	N	50	N
0347	N	N	50	200	150	N	N	N	50	10	N	50	N
0348	N	N	200	700	150	N	N	N	100	N	N	70	N
0349	N	N	70	700	100	N	N	N	150	20	N	50	N
0350	N	N	50	200	100	<20	N	N	100	50	N	20	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0307	500	200	N	50	<200	100	N	10	85	<.10	--	<2
0308	300	200	N	50	<200	200	N	15	65	N	--	2
0309	300	200	N	50	<200	200	N	15	70	N	--	<2
0310	500	200	N	50	<200	200	N	5	65	N	--	2
0311	300	200	N	50	<200	200	N	<5	70	N	--	<2
0312	200	200	N	50	<200	100	N	5	85	N	--	2
0313	300	200	N	20	<200	100	N	5	65	N	--	4
0314	300	200	N	50	<200	100	N	5	70	N	--	3
0315	300	200	N	50	<200	200	N	15	80	N	--	2
0316	300	200	N	50	<200	100	N	15	100	N	--	2
0317	100	200	N	70	<200	200	N	35	110	.20	--	N
0318	100	200	N	100	<200	200	N	25	95	.20	--	N
0319	500	200	N	30	<200	150	N	15	80	.10	--	N
0320	100	500	N	100	200	200	N	20	140	.10	--	N
0321	700	200	N	30	<200	150	N	25	75	.10	--	N
0322	200	200	N	50	<200	200	N	25	110	.20	--	N
0323	200	200	N	50	<200	200	N	30	100	.20	--	N
0324	200	200	N	70	<200	200	N	35	75	.10	--	N
0325	200	300	N	50	200	200	N	35	120	.20	--	N
0326	100	200	N	50	<200	100	N	40	130	.40	--	N
0327	N	200	N	100	200	150	N	35	240	1.00	--	N
0328	200	300	N	70	<200	100	N	35	110	.20	--	N
0329	200	300	N	100	<200	100	N	15	100	.10	--	N
0330	200	300	N	50	<200	100	N	25	100	.20	--	N
0331	100	300	N	50	<200	100	N	20	100	.10	--	N
0332	200	300	N	50	<200	100	N	15	110	.20	--	N
0333	100	300	N	30	<200	150	N	20	100	.20	--	N
0334	200	300	N	30	<200	500	N	20	130	.40	--	N
0335	200	200	N	50	<200	150	N	15	120	.10	--	N
0336	500	500	N	50	<200	200	N	20	55	.10	--	N
0337	700	200	N	50	<200	100	N	20	140	.10	--	N
0338	200	200	N	50	<200	150	N	25	65	.10	--	N
0339	500	200	N	30	<200	200	N	20	55	.10	--	N
0340	300	200	N	50	<200	200	N	20	75	.10	--	N
0341	200	500	N	50	<200	100	N	20	110	.20	--	N
0341	200	150	N	50	<200	100	N	10	90	.20	--	<2
0342	300	300	N	50	<200	100	N	15	75	.10	--	N
0343	100	300	N	50	<200	150	N	20	100	.10	--	N
0344	100	200	N	20	<200	100	N	20	95	.10	--	N
0345	300	500	N	50	<200	70	N	20	70	.10	--	N
0345	200	500	N	50	<200	100	N	25	150	.20	--	N
0347	300	500	N	50	<200	50	N	20	70	.10	--	N
0348	300	700	N	20	<200	N	N	25	45	.10	--	N
0349	200	200	N	50	<200	200	N	25	75	.10	--	N
0350	<100	200	N	50	<200	200	N	30	130	.35	--	<2

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0351	61 37 12	147 5 36	7.0	2.0	.20	.50	1,000	N	N	N	100	1,000	2.0
0352	61 40 12	147 0 13	10.0	2.0	.10	.70	1,000	N	N	N	200	1,000	2.0
0353	61 49 18	147 21 54	5.0	2.0	.50	.50	700	N	N	N	100	700	<1.0
0354	61 50 46	147 15 49	7.0	2.0	1.00	.50	1,000	N	N	N	50	500	<1.0
0355	61 50 51	147 15 56	7.0	2.0	.50	.50	2,000	N	N	N	100	700	1.0
0356	61 51 11	147 18 35	5.0	2.0	.20	.50	1,000	N	N	N	100	500	1.0
0357	61 50 37	147 12 41	10.0	2.0	.50	.50	1,000	N	N	N	50	500	<1.0
0358	61 47 44	147 11 19	7.0	2.0	1.00	.50	1,000	N	N	N	50	200	<1.0
0359	61 44 26	147 15 18	15.0	3.0	2.00	.50	1,000	N	N	N	100	20	N
0360	61 46 2	147 16 55	10.0	2.0	1.50	.50	1,000	N	N	N	50	200	<1.0
0361	61 46 54	147 21 45	10.0	2.0	1.50	.50	1,000	N	N	N	30	200	<1.0
0362	61 45 11	147 21 33	10.0	2.0	2.00	.50	1,000	N	N	N	50	200	<1.0
0363	61 44 39	147 21 40	10.0	3.0	2.00	.50	1,000	N	N	N	50	100	N
0364	61 44 49	147 21 44	7.0	2.0	1.50	.50	1,000	N	N	N	150	300	<1.0
0365	61 42 11	147 19 35	10.0	7.0	2.00	.50	1,000	N	N	N	100	<20	N
0366	61 40 46	147 17 36	15.0	5.0	1.00	1.00	1,000	N	N	N	200	700	1.0
0367	61 39 0	147 10 36	15.0	2.0	.30	.70	1,000	N	N	N	150	1,000	2.0
0368	61 34 48	147 12 34	5.0	1.5	.20	.50	700	N	N	N	70	1,000	1.0
0369	61 39 29	147 15 18	5.0	1.5	1.00	.50	500	N	N	N	50	700	1.0
0370	61 40 25	147 19 20	10.0	2.0	.30	1.00	500	N	N	N	200	1,000	1.0
0371	61 38 58	147 13 35	5.0	1.5	.50	.50	500	N	N	N	100	1,000	1.0
0372	61 34 51	147 18 53	10.0	1.5	.50	.50	500	N	N	N	150	1,500	1.0
0373	61 43 5	147 23 0	15.0	5.0	2.00	1.00	1,000	100.0	N	N	70	100	N
0374	61 44 22	147 28 6	10.0	2.0	1.00	1.00	1,000	50.0	N	N	300	200	N
0375	61 40 17	147 27 34	7.0	2.0	.30	.70	700	N	N	N	150	1,000	2.0
0376	61 40 56	147 28 19	15.0	7.0	2.00	.50	1,000	N	N	N	100	<20	N
0377	61 43 14	147 34 17	10.0	5.0	1.50	.50	1,000	N	N	N	100	300	N
0378	61 32 23	147 27 31	10.0	2.0	.20	.50	1,000	N	N	N	100	1,000	2.0
0379	61 32 22	147 34 0	7.0	2.0	.50	.50	1,000	N	N	N	70	1,000	1.0
0380	61 33 20	147 26 7	5.0	2.0	.70	.50	1,000	N	N	N	100	1,000	2.0
0381	61 33 48	147 18 29	10.0	2.0	.30	.70	1,000	N	N	N	100	1,000	2.0
0382	61 35 6	147 17 46	10.0	2.0	.50	1.00	1,000	N	N	N	100	1,000	2.0
0383	61 35 12	147 18 48	10.0	2.0	1.00	.70	1,000	N	N	N	100	1,000	2.0
0384	61 37 36	147 21 14	10.0	2.0	.70	.70	1,000	N	N	N	100	1,000	2.0
0385	61 36 35	147 10 14	10.0	2.0	.20	.50	1,000	N	N	N	100	1,000	2.0
0386	61 33 2	147 12 38	10.0	2.0	.50	.70	1,000	N	N	N	100	1,500	2.0
0387	61 34 4	147 4 41	10.0	2.0	.30	.50	1,000	N	N	N	70	1,000	1.0
0388	61 34 14	147 6 36	10.0	2.0	.30	.50	1,000	N	N	N	100	1,500	2.0
0389	61 35 43	147 4 38	5.0	2.0	.50	.50	1,000	N	N	N	50	1,000	2.0
0390	61 36 0	147 1 5	10.0	2.0	.30	.70	1,000	N	N	N	150	1,000	2.0
0391	61 35 0	147 1 18	10.0	2.0	.50	.70	700	N	N	N	100	1,000	2.0
0392	61 33 41	147 42 17	10.0	2.0	.50	.50	700	N	N	N	70	1,000	2.0
0393	61 37 8	147 39 0	7.0	2.0	.50	.50	1,000	N	N	N	100	1,000	2.0
0394	61 37 1	147 38 49	5.0	2.0	.30	.50	500	N	N	N	50	1,000	2.0
0395	61 37 3	147 38 33	7.0	2.0	.20	.50	1,000	N	N	N	50	1,000	2.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0351	N	N	50	200	100	<20	N	N	100	50	N	30	N
0352	N	N	70	300	150	<20	<5	N	100	50	N	30	N
0353	N	N	30	300	70	N	N	N	70	20	N	20	N
0354	N	N	50	150	50	N	N	N	50	10	N	30	N
0355	N	N	50	150	50	N	N	N	70	70	N	20	N
0356	N	N	30	150	50	N	N	N	70	20	N	20	N
0357	N	N	50	100	50	N	N	N	50	10	N	50	N
0358	N	N	30	100	50	N	N	N	20	<10	N	50	N
0359	N	N	100	150	150	N	N	N	50	N	N	70	N
0360	N	N	50	100	100	N	N	N	50	<10	N	50	N
0361	N	N	50	100	100	N	N	N	50	10	N	50	N
0362	N	N	50	50	150	N	N	N	20	10	N	50	N
0363	N	N	50	150	100	N	N	N	20	<10	N	50	N
0364	N	N	50	50	100	N	N	N	20	<10	N	50	N
0365	N	N	100	300	150	N	N	N	100	N	N	70	N
0366	N	N	70	200	150	<20	N	N	100	50	N	50	N
0367	N	N	70	300	100	<20	N	N	100	70	N	50	N
0368	N	N	30	100	50	N	N	N	50	50	N	20	N
0369	N	N	20	100	30	<20	N	N	20	50	N	20	N
0370	N	N	50	300	100	<20	N	N	100	70	N	30	N
0371	N	N	20	100	50	N	N	N	50	20	N	20	N
0372	N	N	50	100	100	N	N	N	100	70	N	20	N
0373	N	N	50	200	150	N	N	N	50	N	N	50	N
0374	N	N	50	100	100	N	N	N	20	<10	N	50	N
0375	N	N	20	150	100	N	N	N	100	50	N	20	N
0376	N	N	50	300	150	<20	N	N	100	N	N	50	N
0377	N	N	50	100	100	N	N	N	50	<10	N	50	N
0378	N	N	30	100	100	N	N	N	100	50	N	20	N
0379	N	N	20	100	70	N	N	N	50	20	N	20	N
0380	N	N	20	100	70	N	N	N	50	50	N	20	N
0381	N	N	30	100	100	<20	N	N	100	50	N	20	N
0382	N	N	30	200	100	N	N	N	100	70	N	20	N
0383	N	N	20	150	100	N	N	N	100	50	N	20	N
0384	N	N	50	200	100	<20	N	N	100	70	N	20	N
0385	N	N	30	150	100	N	N	N	100	50	N	20	N
0386	N	N	30	150	100	N	N	N	100	70	N	20	N
0387	N	N	50	200	100	N	N	N	100	50	N	20	N
0388	N	N	50	150	200	N	N	N	100	70	N	20	N
0389	N	N	20	150	100	N	N	N	100	20	N	20	N
0390	N	N	50	300	100	N	N	N	100	50	N	30	N
0391	N	N	50	300	100	100	N	N	100	70	N	50	N
0392	N	N	50	150	100	N	N	N	70	50	N	30	N
0393	N	N	50	200	150	N	N	N	100	70	N	30	N
0394	N	N	50	200	100	N	N	N	100	20	N	20	N
0395	N	N	50	200	100	<20	N	N	100	50	N	30	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sc-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0351	<100	200	N	50	<200	200	N	25	140	.30	--	<2
0352	N	200	N	50	<200	200	N	100	150	.45	--	4
0353	<100	200	N	30	<200	200	N	<5	110	.15	--	<2
0354	200	200	N	30	<200	150	N	10	60	.10	--	<2
0355	<100	200	N	30	<200	100	N	15	140	.10	--	<2
0356	N	200	N	30	<200	100	N	<5	150	.15	--	<2
0357	200	200	N	50	<200	200	N	<5	100	.20	--	<2
0358	200	200	N	50	<200	100	N	<5	80	.15	--	<2
0359	300	500	N	20	<200	10	N	<5	65	<.10	--	<2
0360	300	200	N	50	<200	50	N	<5	70	.20	--	<2
0361	200	300	N	50	<200	100	N	<5	80	.20	--	<2
0362	200	300	N	50	<200	50	N	<5	85	.10	--	<2
0363	200	300	N	30	<200	20	N	<5	65	.10	--	<2
0364	200	200	N	50	<200	100	N	<5	75	.15	--	<2
0365	100	300	N	10	<200	N	N	<5	50	.10	--	<2
0366	300	200	N	50	<200	100	N	25	140	.20	--	<2
0367	100	200	N	50	<200	100	N	10	130	.20	--	<2
0368	200	150	N	30	<200	100	N	25	95	.20	--	<2
0369	300	150	N	30	<200	200	N	5	60	.10	--	<2
0370	200	200	N	50	<200	200	N	10	90	.20	--	<2
0371	300	200	N	30	<200	200	N	10	80	.20	--	<2
0372	200	200	N	50	<200	200	N	20	130	.20	--	<2
0373	300	500	N	30	<200	100	N	<5	60	<.10	--	<2
0374	100	300	N	50	<200	150	N	10	55	.10	--	<2
0375	100	200	N	50	<200	200	N	10	95	.20	--	<2
0376	100	500	N	10	<200	N	N	<5	55	.10	--	<2
0377	100	500	N	50	<200	100	N	5	55	.20	--	<2
0378	100	200	N	50	<200	200	N	140	120	.30	--	<2
0379	200	200	N	50	<200	200	N	10	90	.30	--	<2
0380	200	200	N	50	<200	200	N	10	80	.20	--	<2
0381	100	200	N	50	<200	200	N	20	110	.20	--	<2
0382	100	200	N	50	<200	200	N	45	120	.30	--	<2
0383	200	200	N	50	<200	200	N	15	90	.20	--	<2
0384	200	200	N	50	<200	200	N	20	130	.30	--	<2
0385	100	200	N	50	<200	200	N	40	130	.40	--	<2
0386	200	200	N	50	<200	200	N	35	130	.30	--	<2
0387	200	200	N	30	<200	200	N	60	120	.20	--	2
0388	200	200	N	50	<200	200	N	80	140	.30	--	2
0389	200	200	N	30	<200	200	N	30	95	.20	--	2
0390	200	200	N	50	<200	200	N	30	120	.30	--	N
0391	200	200	N	70	<200	200	N	25	110	.20	--	<2
0392	500	200	N	50	<200	200	N	15	100	.20	--	2
0393	300	200	N	50	<200	200	N	20	130	.20	--	N
0394	300	150	N	50	<200	150	N	15	110	.10	--	N
0395	300	150	N	50	<200	200	N	15	120	.10	--	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0395	61 37 3	147 38 26	5.0	1.5	.20	.50	500	N	N	N	50	700	2.0
0397	61 39 25	147 33 10	7.0	2.0	.20	.50	500	N	N	N	100	1,000	1.0
0398	61 36 51	147 31 40	5.0	1.5	.20	.50	500	N	N	N	50	700	1.0
0399	61 33 43	147 27 45	5.0	1.5	.20	.50	500	N	N	N	50	1,000	1.0
0400	61 35 37	147 33 41	5.0	2.0	.20	.50	500	N	N	N	50	1,000	1.0
0401	61 38 13	147 47 2	10.0	3.0	.50	1.00	1,000	N	N	N	150	1,000	1.0
0402	61 36 13	147 49 31	10.0	3.0	.50	.70	1,000	N	N	N	150	1,500	1.0
0403	61 39 36	147 47 0	10.0	3.0	.50	1.00	1,000	N	N	N	150	1,000	1.0
0404	61 42 33	147 47 15	10.0	3.0	.70	.70	1,000	N	N	N	200	1,000	<1.0
0405	61 43 18	147 47 29	10.0	3.0	1.50	.50	1,500	N	N	N	200	300	<1.0
0406	61 45 22	147 48 20	10.0	2.0	1.00	.70	1,000	N	N	N	50	700	<1.0
0407	61 44 10	147 55 13	10.0	3.0	1.50	.70	1,000	N	N	N	200	200	<1.0
0408	61 44 7	147 55 19	10.0	3.0	1.00	.70	1,000	<.5	N	N	100	1,000	1.0
0409	61 41 4	147 57 3	15.0	2.0	.70	.70	1,000	N	N	N	150	700	<1.0
0410	61 35 26	147 44 52	10.0	2.0	.70	.70	1,000	N	N	N	100	1,000	<1.0
0411	61 36 56	147 41 56	7.0	2.0	.50	.50	700	N	N	N	100	1,000	<1.0
0412	61 37 3	147 39 35	10.0	2.0	.70	.70	1,000	N	N	N	100	1,500	1.0
0413	61 37 3	147 39 18	10.0	2.0	.50	.70	1,000	N	N	N	100	1,000	1.0
0414	61 40 8	147 38 3	10.0	3.0	.50	.50	1,000	N	N	N	100	1,000	1.0
0415	61 41 55	147 37 40	10.0	2.0	.70	.70	1,000	N	N	N	70	700	<1.0
0416	61 42 34	147 37 48	15.0	3.0	1.00	.70	1,000	N	N	N	200	500	<1.0
0417	61 39 21	147 36 23	5.0	1.5	.70	.50	500	N	N	N	50	700	1.0
0418	61 40 19	148 1 49	10.0	2.0	.30	.50	1,000	N	N	N	150	700	1.0
0419	61 40 23	148 1 56	10.0	2.0	.50	.70	1,000	N	N	N	100	700	1.0
0420	61 38 48	147 58 40	10.0	2.0	.50	.70	1,000	N	N	N	100	700	1.0
0421	61 38 14	147 58 25	10.0	2.0	.50	.50	1,000	N	N	N	100	1,000	1.0
0422	61 43 51	148 4 9	10.0	2.0	1.00	.70	1,000	N	N	N	100	700	<1.0
0423	61 44 57	148 3 2	15.0	3.0	1.00	1.00	2,000	N	N	N	150	500	N
0424	61 44 59	148 3 12	10.0	2.0	1.00	.70	1,000	N	N	N	100	1,000	1.0
0425	61 47 24	148 8 10	5.0	1.5	.20	.50	700	<.5	N	N	70	700	1.0
0426	61 46 18	148 16 48	10.0	3.0	5.00	.50	1,000	N	N	N	2,000	100	N
0427	61 45 49	148 24 20	10.0	2.0	1.00	.50	1,500	N	N	N	500	2,000	<1.0
0428	61 45 51	148 24 12	10.0	3.0	1.00	.70	1,500	N	N	N	100	700	<1.0
0429	61 45 31	148 23 31	10.0	3.0	2.00	.70	1,500	N	N	N	500	200	<1.0
0430	61 42 31	148 18 29	10.0	5.0	2.00	1.00	1,500	N	N	N	50	500	<1.0
0431	61 53 37	148 2 32	20.0	2.0	.70	1.00	2,000	N	N	N	50	700	<1.0
0432	61 51 52	148 11 34	10.0	2.0	.50	.70	1,000	N	N	N	100	1,000	1.0
0433	61 50 6	148 20 37	15.0	3.0	.50	.70	1,000	N	N	N	70	1,000	1.0
0434	61 49 5	148 0 50	10.0	2.0	1.00	1.00	1,000	N	N	N	100	700	1.0
0435	61 50 34	147 54 15	15.0	2.0	1.00	1.00	1,000	N	N	N	200	500	<1.0
0436	61 50 36	147 54 7	10.0	2.0	1.50	.70	1,000	N	N	N	50	700	<1.0
0437	61 48 38	147 52 45	10.0	2.0	.50	.50	5,000	N	N	N	100	1,000	1.0
0438	61 48 35	147 52 43	15.0	3.0	1.00	.50	5,000	N	N	N	100	1,000	1.0
0439	61 49 50	147 28 8	15.0	5.0	2.00	.50	1,000	N	N	N	50	200	<1.0
0440	61 49 44	148 24 57	15.0	2.0	1.00	.70	1,500	N	N	N	50	500	<1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0396	N	N	20	100	50	N	N	N	50	20	N	20	N
0397	N	N	50	300	70	<20	N	N	100	50	N	50	N
0398	N	N	20	100	50	N	N	N	50	20	N	20	N
0399	N	N	30	100	50	N	N	N	50	20	N	20	N
0400	N	N	50	150	100	N	N	N	50	50	N	20	N
0401	N	N	50	200	200	100	N	N	100	50	N	20	N
0402	N	N	50	200	200	<20	N	N	100	50	N	20	N
0403	N	N	50	300	200	N	N	N	100	50	N	20	N
0404	N	N	20	200	200	N	N	N	50	10	N	20	N
0405	N	N	20	50	100	N	N	N	10	<10	N	20	N
0406	N	N	20	300	200	N	N	N	50	10	N	20	N
0407	N	N	20	100	100	N	N	N	10	<10	N	30	N
0408	N	N	20	150	300	N	N	N	70	20	N	20	N
0409	N	N	50	200	150	N	N	N	100	10	N	30	N
0410	N	N	20	150	100	<20	N	N	70	20	N	20	N
0411	N	N	20	150	70	<20	N	N	50	10	N	20	N
0412	N	N	30	150	70	<20	N	N	100	20	N	20	N
0413	N	N	20	100	100	<20	N	N	70	20	N	20	N
0414	N	N	20	200	100	N	N	N	100	20	N	20	N
0415	N	N	20	150	100	N	N	N	50	<10	N	50	N
0416	N	N	50	100	150	N	N	N	20	<10	N	20	N
0417	N	N	10	100	20	N	N	N	20	10	N	20	N
0418	N	N	20	150	100	N	N	N	50	20	N	20	N
0419	N	N	20	150	100	N	N	N	50	20	N	20	N
0420	N	N	20	150	100	N	N	N	70	20	N	20	N
0421	N	N	20	200	100	N	N	N	50	30	N	20	N
0422	N	N	30	200	70	N	N	N	50	<10	N	20	N
0423	N	N	50	200	200	N	N	N	100	10	N	30	N
0424	N	N	20	150	100	N	N	N	50	<10	N	20	N
0425	N	N	20	100	50	N	N	N	50	10	N	15	N
0426	N	N	50	100	150	N	N	N	50	<10	N	50	N
0427	N	N	50	100	150	N	N	N	100	20	N	20	N
0428	N	N	50	200	150	N	N	N	100	20	N	30	N
0429	N	N	50	100	100	N	N	N	20	<10	N	30	N
0430	N	N	50	300	150	N	N	N	100	<10	N	50	N
0431	N	N	50	50	150	N	N	N	20	10	N	50	N
0432	N	N	20	200	100	N	N	N	100	10	N	20	N
0433	N	N	50	200	100	N	N	N	150	20	N	20	N
0434	N	N	30	70	100	N	N	N	30	10	N	30	N
0435	N	N	50	50	150	N	N	N	20	<10	N	50	N
0436	N	N	30	200	100	N	N	N	70	<10	N	20	N
0437	N	N	100	200	100	N	N	N	100	50	N	20	N
0438	N	N	50	100	150	N	N	N	150	20	N	20	N
0439	N	N	70	100	200	N	N	N	50	<10	N	50	N
0440	N	N	20	50	100	N	N	N	20	<10	N	20	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0396	300	100	N	30	<200	200	N	5	70	.10	--	<2
0397	200	200	N	50	<200	200	N	15	110	.20	--	<2
0398	300	100	N	50	<200	200	N	15	85	.20	--	N
0399	300	100	N	30	<200	200	N	15	75	.10	--	N
0400	300	100	N	30	<200	200	N	20	110	.20	--	<2
0401	200	200	N	50	200	200	N	50	120	.20	--	N
0402	200	200	N	50	200	200	N	40	140	.30	--	N
0403	200	200	N	50	200	200	N	35	150	.20	--	N
0404	<100	200	N	50	<200	200	N	40	120	.20	--	N
0405	200	200	N	50	<200	50	N	<2	90	.20	--	N
0406	200	200	N	50	<200	100	N	10	80	.30	--	N
0407	200	200	N	50	<200	100	N	10	65	.20	--	N
0408	200	200	N	50	<200	500	N	30	90	.20	--	N
0409	<100	200	N	50	200	200	N	20	100	.20	--	N
0410	500	200	N	50	<200	200	N	10	90	.20	--	N
0411	300	150	N	50	<200	200	N	20	80	.20	--	N
0412	300	200	N	50	<200	200	N	20	110	.20	--	N
0413	300	200	N	50	<200	200	N	50	110	.20	--	N
0414	200	200	N	50	<200	200	N	20	95	.20	--	2
0415	200	200	N	50	<200	150	N	<10	85	.20	--	N
0416	100	200	N	50	<200	70	N	<10	90	.10	--	N
0417	500	100	N	30	<200	200	N	<10	60	.10	--	N
0418	100	150	N	50	<200	150	N	30	110	.10	--	N
0419	100	200	N	50	<200	200	N	30	120	.20	--	N
0420	100	200	N	50	200	200	N	55	120	.30	--	N
0421	200	200	N	50	<200	200	N	20	120	.20	--	N
0422	100	200	N	50	<200	100	N	10	80	.20	--	N
0423	N	300	N	50	<200	100	N	<10	100	.20	--	N
0424	100	200	N	50	<200	100	N	<10	70	.20	--	N
0425	100	150	N	20	<200	200	N	<10	95	.20	--	N
0426	200	500	N	50	<200	100	N	30	40	.10	--	N
0427	300	200	N	50	<200	100	N	<10	100	.20	--	N
0428	100	300	N	50	<200	150	N	10	100	.20	--	N
0429	200	300	N	50	<200	50	N	10	70	.10	--	N
0430	200	200	N	50	<200	100	N	<10	60	.10	--	N
0431	100	500	N	50	500	100	N	<10	180	.10	--	N
0432	100	200	N	30	200	150	N	30	110	.10	--	3
0433	100	200	N	30	<200	200	N	<10	110	.20	--	N
0434	200	200	N	50	<200	100	N	10	100	.20	--	N
0435	100	500	N	50	200	100	N	10	160	.20	--	N
0436	200	200	N	50	<200	200	N	20	100	.20	--	N
0437	100	200	N	50	200	200	N	20	110	.30	--	N
0438	<100	500	N	30	<200	200	N	20	110	.20	--	N
0439	100	300	N	50	<200	100	N	<10	85	.10	--	N
0440	100	200	N	50	<200	100	N	10	140	.20	--	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0441	61 43 58	148 27 0	15.0	5.0	5.00	1.00	1,500	N	N	N	200	200	<1.0
0442	61 54 1	148 18 56	10.0	3.0	.70	.70	1,000	N	N	N	150	1,000	<1.0
0443	61 52 39	148 22 59	10.0	2.0	.70	.70	1,000	N	N	N	150	700	<1.0
0444	61 55 17	148 19 30	15.0	3.0	2.00	1.00	1,000	N	N	N	100	200	<1.0
0445	61 57 27	148 21 3	15.0	5.0	2.00	1.00	1,000	N	N	N	700	300	<1.0
0446	61 57 23	148 17 45	10.0	2.0	1.00	.70	1,000	N	N	N	500	300	<1.0
0447	61 57 29	148 17 33	5.0	2.0	1.50	.50	1,000	N	N	N	20	500	<1.0
0448	61 55 59	148 18 34	10.0	3.0	1.50	.50	1,000	N	N	N	200	300	<1.0
0449	61 59 14	148 18 16	15.0	3.0	1.50	1.00	1,000	N	N	N	150	300	<1.0
0450	61 59 43	148 20 21	10.0	2.0	1.00	.70	1,000	N	N	N	50	700	<1.0
0451	61 59 46	148 20 24	15.0	3.0	2.00	1.00	1,000	N	N	N	100	300	N
0452	62 0 12	148 22 17	10.0	3.0	3.00	.70	1,000	N	N	N	30	200	N
0453	62 0 30	148 14 31	15.0	2.0	1.50	1.00	1,000	N	N	N	70	300	<1.0
0454	61 57 59	148 12 46	10.0	2.0	1.00	1.00	1,500	N	N	N	200	1,000	1.0
0455	61 59 12	148 28 34	10.0	3.0	2.00	.50	1,500	N	N	N	150	500	<1.0
0456	61 56 46	148 28 42	7.0	1.5	.50	.50	1,000	N	N	N	50	1,000	2.0
0457	61 59 37	148 32 31	10.0	2.0	1.50	.70	1,000	N	N	N	100	500	<1.0
0458	61 58 6	148 31 58	10.0	2.0	2.00	1.00	1,500	N	N	N	100	300	<1.0
0459	61 59 28	148 42 51	3.0	.5	.70	.20	1,000	N	N	N	10	700	<1.0
0460	61 57 0	148 38 46	15.0	2.0	1.50	1.00	2,000	N	N	N	200	200	<1.0
0461	61 54 59	148 42 28	2.0	.5	.70	.50	1,000	N	N	N	10	500	<1.0
0462	61 53 37	148 35 24	15.0	2.0	2.00	1.00	2,000	N	N	N	200	700	<1.0
0463	61 50 59	148 36 8	15.0	2.0	1.50	1.00	2,000	N	N	N	30	200	N
0464	61 49 1	148 32 26	15.0	2.0	1.00	1.00	1,000	N	N	N	50	700	1.0
0465	61 45 25	148 43 22	10.0	3.0	.70	1.00	1,000	N	N	N	70	1,000	1.0
0466	61 44 37	148 8 43	10.0	2.0	1.50	1.00	2,000	N	N	N	100	1,000	<1.0
0467	61 38 42	148 11 2	10.0	2.0	.30	1.00	1,000	N	N	N	150	1,000	1.0
0468	61 38 24	148 11 31	10.0	3.0	.50	1.00	1,000	N	N	N	150	1,000	1.0
0469	61 36 55	148 6 58	10.0	2.0	.20	1.00	1,000	N	N	N	200	1,500	1.0
0470	61 36 49	148 6 38	10.0	2.0	.20	1.00	1,000	<.5	N	N	200	1,500	2.0
0471	61 35 28	148 8 33	10.0	2.0	.50	1.00	1,000	N	N	N	150	1,500	2.0
0472	61 35 28	148 9 14	10.0	2.0	.50	1.00	700	N	N	N	200	1,000	1.0
0473	61 34 51	148 11 18	10.0	2.0	.50	1.00	1,000	N	N	N	200	1,000	1.0
0474	61 33 39	148 13 40	10.0	2.0	.50	.50	1,000	N	N	N	200	1,000	1.0
0475	61 30 27	148 14 13	10.0	2.0	1.00	.70	1,000	N	N	N	100	1,500	1.0
0476	61 29 58	147 52 10	10.0	2.0	1.00	.70	1,000	N	N	N	100	1,500	1.0
0477	61 29 57	147 51 54	10.0	2.0	1.00	1.00	1,000	N	N	N	100	1,500	1.0
0478	61 29 15	147 53 38	10.0	2.0	.50	1.00	1,000	2.0	N	N	150	1,500	1.0
0479	61 27 52	147 54 33	10.0	2.0	.50	.70	1,000	N	N	N	200	1,500	1.0
0480	61 25 37	147 56 20	10.0	2.0	.50	.50	1,000	N	N	N	150	1,500	1.0
0481	61 26 8	148 3 12	10.0	2.0	.50	.70	1,000	N	N	N	150	1,000	1.0
0482	61 26 15	148 3 4	10.0	2.0	.50	.70	1,000	<.5	N	N	150	1,000	1.0
0483	61 28 52	148 6 0	10.0	5.0	.50	.70	1,000	<.5	N	N	150	1,500	1.0
0484	61 30 30	148 11 14	10.0	2.0	.50	.50	1,000	N	N	N	150	1,000	1.0
0485	61 31 30	148 8 45	10.0	3.0	1.00	.70	1,000	<.5	N	N	100	1,000	1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0441	N	N	50	300	100	N	N	N	100	<10	N	50	N
0442	N	N	50	200	100	N	N	N	100	50	N	10	N
0443	N	N	30	200	150	N	N	N	100	10	N	20	N
0444	N	N	30	100	100	N	N	N	20	<10	N	20	N
0445	N	N	50	100	100	N	N	N	20	<10	N	30	N
0446	N	N	30	100	100	N	N	N	20	N	N	20	N
0447	N	N	15	50	20	N	N	N	20	<10	N	10	N
0448	N	N	20	70	100	N	N	N	20	<10	N	20	N
0449	N	N	20	70	70	N	N	N	20	<10	N	20	N
0450	N	N	30	100	70	N	N	N	50	30	N	20	N
0451	N	N	50	150	150	N	N	N	20	N	N	50	N
0452	N	N	50	100	100	N	N	N	20	N	N	30	N
0453	N	N	70	150	100	N	N	N	70	10	N	30	N
0454	N	N	20	150	50	<20	N	N	20	20	N	20	N
0455	N	N	30	70	200	N	N	N	20	N	N	30	N
0456	N	N	20	100	50	N	N	N	20	20	N	20	N
0457	N	N	20	20	100	N	N	N	10	<10	N	50	N
0458	N	N	20	50	100	N	N	N	5	<10	N	50	N
0459	N	N	<5	N	10	N	N	N	5	10	N	<5	N
0460	N	N	50	70	100	N	N	N	10	<10	N	50	N
0461	N	N	<5	<10	20	N	N	N	10	<10	N	10	N
0462	N	N	50	150	100	N	N	N	20	10	N	50	N
0463	N	N	30	100	100	N	N	N	10	N	N	50	N
0464	N	N	50	500	100	N	N	N	100	20	N	50	N
0465	N	N	20	150	50	N	N	N	30	20	N	20	N
0466	N	N	50	200	100	N	N	N	70	10	N	50	N
0467	N	N	30	150	100	N	N	N	70	30	N	30	N
0468	N	N	50	200	150	N	<5	N	70	20	N	50	N
0469	N	N	30	300	100	N	N	N	100	30	N	50	N
0470	N	N	50	200	200	N	N	N	100	70	N	50	N
0471	N	N	30	200	150	N	N	N	70	50	N	30	N
0472	N	N	20	150	100	N	N	N	70	20	N	20	N
0473	N	N	30	150	100	N	N	N	70	20	N	30	N
0474	N	N	20	150	70	N	N	N	70	20	N	30	N
0475	N	N	50	200	150	N	N	N	100	20	N	20	N
0476	N	N	50	200	100	<20	N	N	100	50	N	50	N
0477	N	N	50	200	100	<20	N	N	100	30	N	50	N
0478	N	N	50	200	150	<20	N	N	100	30	N	50	N
0479	N	N	70	300	150	<20	N	N	100	50	N	30	N
0480	N	N	50	200	100	<20	N	N	100	20	N	30	N
0481	N	N	50	200	100	<20	N	N	100	20	N	20	N
0482	N	N	50	200	100	<20	N	N	100	10	N	20	N
0483	N	N	50	300	150	<20	N	N	100	50	N	50	N
0484	N	N	50	100	100	<20	N	N	100	30	N	20	N
0485	N	N	50	200	100	<20	N	N	100	30	N	30	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0441	300	300	N	50	<200	100	N	<10	40	.10	--	N
0442	N	200	N	30	200	200	N	20	100	.10	--	2
0443	<100	200	N	50	200	200	N	20	120	.20	--	N
0444	<100	500	N	50	<200	100	N	<10	50	.20	--	N
0445	N	300	N	50	<200	200	N	10	50	.10	--	N
0446	N	300	N	50	<200	150	N	<10	50	.10	--	N
0447	500	100	N	50	<200	150	N	<2	50	.10	--	N
0448	<100	200	N	50	<200	50	N	<2	40	.10	--	N
0449	200	500	N	50	<200	200	N	<2	50	.20	--	N
0450	200	300	N	50	<200	150	N	N	150	.70	--	<2
0451	500	700	N	50	<200	500	N	N	55	.10	--	N
0452	500	300	N	30	<200	200	N	N	40	.10	--	N
0453	100	200	N	50	<200	200	N	10	140	.30	--	N
0454	200	200	N	50	<200	500	N	15	140	.40	N	<2
0455	500	200	N	30	<200	200	N	N	55	.30	N	<2
0456	200	200	N	50	<200	500	N	N	80	.30	N	N
0457	500	200	N	30	<200	200	N	N	40	.20	N	N
0458	500	500	N	50	<200	700	N	N	40	.20	N	N
0459	700	100	N	10	<200	200	N	N	45	.10	N	N
0460	300	700	N	50	<200	1,000	N	N	65	.20	N	N
0461	700	100	N	20	<200	200	N	N	45	.10	N	N
0462	300	700	N	50	<200	700	N	N	75	.20	N	N
0463	500	700	N	30	<200	700	N	N	40	.40	N	N
0464	100	200	N	50	<200	200	N	N	100	.30	N	N
0465	200	200	N	30	<200	500	N	N	75	.20	N	N
0466	200	300	N	50	<200	150	N	N	80	.40	N	N
0467	100	200	N	50	300	200	N	15	170	.50	N	2
0468	100	200	N	50	<200	200	N	10	140	.20	N	2
0469	100	300	N	50	<200	200	N	45	150	.30	N	2
0470	150	300	N	70	200	200	N	150	200	.40	N	<2
0471	200	200	N	50	200	200	N	75	160	.60	N	N
0472	200	200	N	50	<200	200	N	40	110	.30	N	N
0473	300	200	N	50	<200	200	N	30	100	.20	N	N
0474	300	200	N	50	<200	200	N	10	100	.20	N	N
0475	200	200	N	50	<200	200	N	70	120	.10	--	<2
0476	500	200	N	50	200	200	N	20	130	.10	--	<2
0477	500	200	N	50	<200	200	N	15	140	.10	--	2
0478	100	200	N	70	<200	200	N	30	150	.20	--	<2
0479	100	200	N	50	<200	200	N	35	150	.10	--	N
0480	100	200	N	50	<200	200	N	20	140	.20	--	3
0481	100	200	N	50	<200	200	N	20	120	.10	--	N
0482	100	200	N	50	<200	200	N	20	110	.10	--	N
0483	100	300	N	50	<200	200	N	30	110	.20	--	N
0484	200	200	N	50	<200	200	N	30	160	.20	--	N
0485	300	200	N	50	<200	300	N	30	110	.10	--	2

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0486	61 38 26	148 32 35	15.0	10.0	2.00	1.00	1,500	N	N	N	200	700	N
0487	61 42 33	148 34 22	10.0	7.0	2.00	.70	1,500	N	N	N	150	500	<1.0
0488	61 44 2	148 38 3	15.0	5.0	2.00	.70	1,000	N	N	N	100	300	<1.0
0489	61 41 50	148 47 3	15.0	5.0	5.00	1.00	1,000	N	N	N	100	200	N
0490	61 41 12	148 48 35	10.0	3.0	2.00	.70	1,000	N	N	N	100	200	<1.0
0491	61 38 54	148 59 6	10.0	3.0	2.00	.70	1,000	N	N	N	70	500	<1.0
0492	61 38 28	148 56 11	15.0	3.0	3.00	.70	1,000	N	N	N	100	500	1.0
0493	61 35 59	148 40 52	10.0	7.0	3.00	1.00	1,500	N	N	N	200	300	<1.0
0494	61 35 55	148 40 48	10.0	5.0	3.00	.70	1,000	N	N	N	50	500	<1.0
0495	61 35 15	148 46 57	10.0	3.0	3.00	.70	1,000	N	N	N	50	500	<1.0
0496	61 53 10	148 44 27	10.0	1.5	1.50	.50	1,000	N	N	N	20	500	<1.0
0497	61 50 43	148 48 30	15.0	2.0	2.00	.70	1,000	N	N	N	50	500	<1.0
0498	61 51 9	148 53 27	10.0	5.0	3.00	1.00	1,000	N	N	N	50	500	<1.0
0499	61 48 37	148 50 11	10.0	3.0	2.00	.50	1,000	N	N	N	50	500	<1.0
0500	61 44 51	148 55 25	10.0	2.0	1.00	.70	1,000	N	N	N	100	1,000	1.0
0501	61 44 52	148 55 17	15.0	2.0	.20	.70	100	N	N	N	150	1,000	2.0
0502	61 46 18	149 0 32	10.0	5.0	3.00	1.00	1,000	N	N	N	70	500	<1.0
0503	61 50 0	148 59 25	10.0	3.0	2.00	.50	1,000	N	N	N	70	500	<1.0
0504	61 52 32	148 59 51	10.0	3.0	2.00	.70	1,000	N	N	N	70	500	1.0
0505	61 52 29	148 59 59	10.0	5.0	2.00	.70	1,000	N	N	N	70	500	1.0
0506	61 50 31	149 4 35	10.0	3.0	2.00	.50	1,000	<.5	N	N	50	500	1.0
0507	61 47 13	149 8 20	10.0	1.5	.70	.50	1,000	N	N	N	200	500	1.0
0508	61 47 20	149 8 18	10.0	3.0	2.00	.50	1,000	N	N	N	70	500	1.0
0509	61 48 29	149 13 2	10.0	2.0	1.00	.50	1,000	N	N	N	100	700	1.0
0510	61 48 35	149 13 0	10.0	2.0	2.00	.50	1,000	N	N	N	50	500	<1.0
0511	61 35 4	148 58 36	10.0	5.0	5.00	.50	1,000	N	N	N	200	100	N
0512	61 33 31	148 54 49	15.0	7.0	3.00	1.00	1,000	N	N	N	50	500	<1.0
0513	61 30 2	148 44 56	10.0	2.0	.50	.50	1,000	N	N	N	150	1,000	1.0
0514	61 31 50	148 42 18	7.0	2.0	1.00	.50	1,000	N	N	N	100	1,000	1.0
0515	61 32 15	148 38 2	10.0	2.0	1.00	.50	1,000	N	N	N	100	1,000	1.0
0516	61 34 48	148 34 32	10.0	3.0	2.00	.70	1,500	N	N	N	100	1,000	1.0
0517	61 34 47	148 34 22	10.0	2.0	.70	.70	1,000	<.5	N	N	150	1,000	1.0
0518	61 30 8	148 38 3	10.0	2.0	.50	.70	1,000	N	N	N	200	1,000	2.0
0519	61 30 36	148 33 38	10.0	1.5	1.00	.70	1,000	N	N	N	100	1,000	1.0
0520	61 28 15	148 39 13	10.0	2.0	.50	.70	1,000	N	N	N	100	500	<1.0
0521	61 27 22	148 35 16	10.0	2.0	.30	.50	700	N	N	N	100	1,000	1.0
0522	61 28 25	148 28 38	10.0	2.0	.50	.70	1,000	N	N	N	100	1,000	1.0
0523	61 28 23	148 28 35	10.0	2.0	.30	.70	1,000	N	N	N	100	1,000	1.0
0524	61 30 37	148 26 27	10.0	2.0	.50	.50	500	N	N	N	100	1,000	1.0
0525	61 30 34	148 26 25	10.0	2.0	.20	.50	1,000	N	N	N	100	1,000	1.0
0526	61 34 13	148 23 32	10.0	2.0	.50	.50	500	N	N	N	100	1,000	<1.0
0527	61 37 47	148 25 24	10.0	3.0	1.50	.70	1,500	N	N	N	100	1,000	<1.0
0528	61 36 44	148 20 48	10.0	2.0	.50	.70	500	N	200	N	200	1,500	1.0
0529	61 37 23	148 24 26	10.0	2.0	.30	.50	500	N	N	N	100	700	1.0
0530	61 32 48	148 0 32	10.0	2.0	.70	.50	1,000	N	N	N	100	1,000	1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0486	N	N	150	>5,000	150	N	N	N	500	<10	N	30	N
0487	N	N	100	5,000	150	N	N	N	300	N	N	30	N
0488	N	N	100	1,000	150	N	N	N	100	10	N	30	N
0489	N	N	100	300	100	N	N	N	50	<10	N	50	N
0490	N	N	50	150	100	N	N	N	30	<10	N	30	N
0491	N	N	50	1,000	50	N	N	N	100	<10	N	20	N
0492	N	N	50	1,000	50	N	N	N	100	<10	N	20	N
0493	N	N	100	1,500	150	N	N	N	200	10	N	50	N
0494	N	N	30	500	50	N	N	N	150	<10	N	20	N
0495	N	N	30	100	50	N	N	N	50	<10	N	20	N
0496	N	N	20	50	50	N	N	N	10	<10	N	15	N
0497	N	N	50	100	100	N	N	N	20	<10	N	30	N
0498	N	N	100	200	150	N	N	N	100	<10	N	50	N
0499	N	N	50	100	200	N	N	N	50	<10	N	20	N
0500	N	N	30	200	100	N	N	N	100	10	N	20	N
0501	N	N	50	200	150	N	N	N	100	30	N	30	N
0502	N	N	70	200	100	N	N	N	100	20	N	50	N
0503	N	N	50	50	100	N	N	N	20	10	N	20	N
0504	N	N	50	100	100	N	N	N	70	20	N	20	N
0505	N	N	50	100	150	N	N	N	70	20	N	50	N
0506	N	N	30	100	70	N	N	N	50	20	N	30	N
0507	N	N	30	70	150	N	N	N	50	70	N	20	N
0508	N	N	30	200	100	N	N	N	50	10	N	50	N
0509	N	N	30	50	100	N	N	N	50	50	N	20	N
0510	N	N	30	50	100	<20	N	N	50	10	N	50	N
0511	N	N	70	200	200	N	N	N	50	<10	N	70	N
0512	N	N	70	500	150	N	N	N	150	<10	N	70	N
0513	N	N	50	200	100	<20	N	N	100	20	N	20	N
0514	N	N	30	200	100	N	N	N	100	20	N	20	N
0515	N	N	30	150	100	<20	N	N	100	10	N	20	N
0516	N	N	50	200	150	N	N	N	100	20	N	50	N
0517	N	N	50	200	150	<20	N	N	100	20	N	20	N
0518	N	N	50	200	200	<20	N	N	100	30	N	30	N
0519	N	N	30	150	70	N	N	N	100	10	N	20	N
0520	N	N	30	200	100	N	N	N	100	10	N	30	N
0521	N	N	30	150	50	N	N	N	100	20	N	20	N
0522	N	N	50	200	100	N	N	N	100	50	N	20	N
0523	N	N	50	300	100	100	N	N	100	50	N	20	N
0524	N	N	50	200	100	N	N	N	100	20	N	20	N
0525	N	N	50	200	100	N	N	N	100	20	N	20	N
0526	N	N	50	200	100	<20	N	N	100	20	N	20	N
0527	N	N	50	300	150	N	N	N	100	10	N	50	N
0528	N	N	50	300	100	N	N	N	100	50	N	30	N
0529	N	N	50	200	100	N	N	N	100	50	N	20	N
0530	N	N	50	150	100	N	N	N	100	70	N	20	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0486	100	200	N	50	<200	100	N	10	45	.10	--	N
0487	200	200	N	50	<200	150	N	10	55	.10	--	<2
0488	200	500	N	50	200	100	N	10	90	N	--	N
0489	300	300	N	50	<200	200	N	<10	55	<.10	--	N
0490	200	300	N	50	<200	100	N	<10	55	<.10	--	<2
0491	300	200	N	30	<200	200	N	10	35	.10	--	<2
0492	300	200	N	30	<200	200	N	10	35	.20	--	<2
0493	300	300	N	30	<200	100	N	25	70	N	--	3
0494	300	200	N	30	<200	200	N	<10	35	.20	--	<2
0495	300	200	N	30	<200	200	N	10	30	.10	--	<2
0496	500	200	N	30	<200	200	N	15	40	.10	--	N
0497	500	300	N	30	<200	200	N	15	45	.10	--	<2
0498	500	500	N	30	200	200	N	20	50	N	--	3
0499	500	200	N	20	<200	200	N	15	60	.10	--	2
0500	300	200	N	30	<200	200	N	20	95	N	--	<2
0501	<100	300	N	50	200	200	N	15	40	<.10	--	<2
0502	500	500	N	50	200	>1,000	N	15	35	.10	--	2
0503	500	200	N	30	<200	100	N	35	55	.10	--	5
0504	500	200	N	50	<200	200	N	30	55	<.10	--	2
0505	700	200	N	50	<200	700	N	20	40	N	--	N
0506	700	200	N	50	200	500	N	15	20	.10	--	N
0507	500	200	N	30	<200	500	N	55	70	N	--	6
0508	700	300	N	50	<200	>1,000	N	25	25	N	--	N
0509	500	200	N	50	<200	200	N	50	70	<.10	--	<2
0510	500	300	200	50	<200	>1,000	N	20	45	N	--	N
0511	200	500	N	30	<200	50	N	15	75	N	--	N
0512	200	300	N	50	200	200	N	20	100	.10	--	N
0513	<100	200	N	50	<200	200	N	20	140	<.10	--	N
0514	100	200	N	50	<200	100	N	25	120	.10	--	N
0515	100	200	N	50	<200	200	N	30	90	<.10	--	N
0516	300	200	N	50	<200	200	N	15	95	<.10	--	N
0517	<100	200	N	50	<200	200	N	20	130	<.10	--	N
0518	<100	200	N	50	200	200	N	20	160	.10	--	<2
0519	<100	200	N	50	<200	200	N	30	85	N	--	N
0520	100	200	N	50	200	200	N	15	110	.20	N	3
0521	100	200	N	50	200	200	N	25	95	.20	N	3
0522	100	200	N	50	<200	200	N	35	110	.10	<2	4
0523	100	200	N	50	200	200	N	20	120	.30	<2	2
0524	100	200	N	50	200	200	N	50	110	.20	<2	3
0525	100	200	N	50	<200	200	N	20	120	.20	N	2
0526	100	200	N	50	<200	200	N	35	110	.20	<2	3
0527	200	300	N	50	<200	200	N	10	80	.20	<2	<2
0528	200	200	N	50	200	200	N	200	130	.20	<2	8
0529	100	200	N	50	<200	200	N	70	13	.20	<2	3
0530	100	200	N	50	<200	200	N	70	130	.30	N	4

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0531	61 31 45	148 5 50	10.0	2.0	.50	.50	700	N	N	N	100	1,000	1.0
0532	61 36 42	148 17 51	10.0	3.0	.20	.70	1,000	N	N	N	200	1,000	1.0
0533	61 35 20	148 31 3	10.0	2.0	.30	.50	1,000	N	N	N	200	1,000	1.0
0600	61 59 22	147 17 58	10.0	2.0	2.00	1.00	1,000	N	N	N	50	700	<1.0
0601	61 59 41	147 10 55	10.0	2.0	2.00	1.00	1,000	N	N	N	50	500	<1.0
0602	61 59 58	147 15 11	10.0	2.0	2.00	1.00	1,000	N	N	N	50	500	<1.0
0603	61 57 49	147 25 12	10.0	2.0	1.50	1.00	500	N	N	N	50	1,000	<1.0
0604	61 57 41	147 25 35	10.0	2.0	1.50	1.00	500	N	N	N	100	1,000	<1.0
0605	61 57 48	147 25 41	10.0	2.0	2.00	1.00	500	N	N	N	50	500	<1.0
0606	61 59 13	147 26 57	10.0	2.0	2.00	.50	500	N	N	N	20	300	<1.0
0607	61 57 0	147 31 17	10.0	2.0	1.50	1.00	500	N	N	N	100	500	<1.0
0608	61 56 58	147 31 26	10.0	2.0	1.00	1.00	500	N	N	N	50	700	2.0
0609	61 59 33	147 34 34	5.0	2.0	2.00	.50	1,000	N	N	N	50	700	<1.0
0610	61 56 56	147 33 36	10.0	2.0	1.50	1.00	500	N	N	N	50	700	1.0
0611	61 58 42	147 39 33	15.0	2.0	1.50	1.00	500	N	N	N	50	500	<1.0
0612	61 59 33	147 42 29	3.0	2.0	2.00	1.00	500	N	N	N	30	500	<1.0
0613	62 1 7	147 54 15	5.0	1.5	2.00	.50	1,000	N	N	N	<10	200	N
0614	62 0 47	147 50 46	7.0	2.0	2.00	1.00	1,000	N	N	N	30	200	<1.0
0615	61 57 55	147 45 52	5.0	3.0	3.00	.70	1,000	N	N	N	30	500	<1.0
0616	61 57 54	147 46 1	7.0	3.0	2.00	1.00	1,000	N	N	N	50	500	<1.0
0617	61 56 45	147 54 8	5.0	2.0	2.00	.70	1,000	N	N	N	50	700	<1.0
0618	61 59 58	148 4 45	10.0	2.0	2.00	1.00	1,000	N	N	N	70	500	<1.0
0619	62 0 1	148 4 45	10.0	5.0	3.00	1.00	1,000	N	N	N	30	150	N
0620	61 56 54	147 59 40	5.0	2.0	1.00	.70	1,000	N	N	N	50	1,000	<1.0
0621	61 55 34	148 6 14	7.0	3.0	3.00	1.00	1,000	N	N	N	100	500	N
0622	61 55 16	148 7 42	5.0	2.0	2.00	1.00	1,000	N	N	N	100	500	<1.0
0623	61 53 12	148 6 15	7.0	2.0	2.00	1.00	1,500	N	N	N	50	700	<1.0
0624	61 53 12	148 6 25	7.0	2.0	2.00	1.00	1,000	N	N	N	100	1,000	<1.0
0625	62 0 21	147 42 17	5.0	3.0	3.00	.50	1,000	N	N	N	30	500	<1.0
0626	61 52 48	147 49 15	7.0	5.0	2.00	.50	500	N	N	N	100	1,500	<1.0
0627	61 52 50	147 49 6	5.0	3.0	10.00	.50	500	N	N	N	100	1,000	<1.0
0628	61 53 0	147 42 34	7.0	2.0	1.00	.70	500	N	N	N	100	1,000	<1.0
0629	61 56 25	147 12 54	5.0	2.0	1.00	.50	5,000	N	N	N	100	700	<1.0
0630	61 55 19	147 20 3	5.0	2.0	2.00	.70	1,000	N	N	N	50	1,000	<1.0
0631	61 53 35	147 25 6	2.0	1.5	1.00	.50	500	N	N	N	50	1,000	1.0
0632	61 53 12	147 24 34	5.0	3.0	1.50	.50	1,000	N	N	N	150	1,000	<1.0
0633	61 54 23	147 36 11	5.0	2.0	2.00	.70	1,000	N	N	N	50	700	<1.0
0634	61 47 21	147 29 18	5.0	2.0	2.00	.50	500	N	N	N	100	1,000	<1.0
0635	61 51 5	147 23 12	5.0	3.0	2.00	.50	1,500	N	N	N	50	500	<1.0
0636	61 47 36	147 6 14	5.0	7.0	3.00	.50	700	N	N	N	30	200	N
0637	61 47 30	147 6 20	5.0	5.0	5.00	.50	700	N	N	N	20	200	N
0638	61 53 17	147 30 28	5.0	2.0	1.50	.50	500	N	N	N	70	1,000	<1.0
0639	61 50 57	147 36 45	5.0	3.0	2.00	.50	700	N	N	N	50	500	N
0640	61 48 56	147 42 45	7.0	3.0	2.00	1.00	700	N	N	N	50	1,000	N
0641	61 48 56	147 42 53	10.0	2.0	1.00	.70	1,000	N	N	N	100	700	1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0531	N	N	50	200	100	<20	N	N	100	50	N	20	N
0532	N	N	50	300	100	<20	N	N	100	70	N	30	N
0533	N	N	50	200	100	N	N	N	100	50	N	20	N
0600	N	N	30	50	50	<20	N	N	50	20	N	20	N
0601	N	N	30	100	50	<20	N	N	50	10	N	20	N
0602	N	N	30	100	50	<20	N	N	50	20	N	20	N
0603	N	N	30	150	50	<20	N	N	50	20	N	20	N
0604	N	N	30	200	50	50	N	N	100	20	N	20	N
0605	N	N	30	30	50	<20	N	N	20	10	N	20	N
0606	N	N	30	30	50	50	N	N	20	N	N	20	N
0607	N	N	30	100	50	<20	N	N	50	10	N	20	N
0608	N	N	20	300	20	50	N	N	100	10	150	20	N
0609	N	N	50	500	100	N	N	N	50	50	N	20	N
0610	N	N	50	70	50	<20	N	N	50	20	N	20	N
0611	N	N	50	50	50	<20	N	N	50	20	N	20	N
0612	N	N	20	100	50	<20	N	N	50	10	<100	20	N
0613	N	N	30	50	50	N	N	N	20	N	N	20	N
0614	N	N	50	100	100	N	N	N	50	10	N	30	N
0615	N	N	50	200	50	N	N	N	50	10	N	30	N
0616	N	N	50	150	70	N	N	N	50	20	N	50	N
0617	N	N	50	150	100	N	N	N	20	20	N	50	N
0618	N	N	100	150	100	N	N	N	50	10	N	50	N
0619	N	N	100	150	100	N	N	N	100	<10	N	50	N
0620	N	N	20	30	30	N	N	N	10	50	N	20	N
0621	N	N	70	200	100	N	N	N	50	70	N	50	N
0622	N	N	50	200	50	N	N	N	20	20	N	50	N
0623	N	N	50	50	100	N	N	N	10	10	N	50	N
0624	N	N	50	200	100	N	N	N	50	50	N	30	N
0625	N	N	30	200	50	N	N	N	70	20	N	20	N
0626	N	N	50	500	100	N	N	N	100	70	N	50	N
0627	N	N	50	300	100	N	N	N	100	70	N	20	N
0628	N	N	50	300	100	N	N	N	100	50	N	30	N
0629	N	N	50	200	70	N	N	N	100	70	N	20	N
0630	N	N	30	500	50	N	N	N	100	50	N	30	N
0631	N	N	20	500	20	N	N	N	50	50	N	10	N
0632	N	N	50	300	50	N	N	N	100	70	N	50	N
0633	N	N	50	150	50	N	N	N	50	20	N	50	N
0634	N	N	50	500	100	N	N	N	100	70	N	30	N
0635	N	N	50	200	50	N	N	N	50	50	N	20	N
0636	N	N	50	200	200	N	N	N	50	50	N	50	N
0637	N	N	50	150	200	N	N	N	50	50	N	30	N
0638	N	N	50	300	50	N	N	N	50	50	N	30	N
0639	N	N	50	300	50	N	N	N	50	50	N	30	N
0640	N	N	50	300	50	N	N	N	70	50	N	50	N
0641	N	N	30	150	100	N	N	N	50	20	N	20	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0531	200	200	N	50	200	200	N	25	130	.20	N	2
0532	<100	200	N	50	200	200	N	20	160	.20	N	3
0533	<100	200	N	50	200	200	N	15	130	.20	N	<2
0600	300	200	N	50	<200	100	N	5	80	N	--	<2
0601	300	200	N	50	<200	100	N	10	85	N	--	<2
0602	200	200	N	50	<200	100	N	15	110	N	--	2
0603	300	200	N	50	<200	200	N	15	75	N	--	3
0604	300	200	N	50	<200	200	N	10	75	<.10	--	3
0605	300	200	N	50	<200	100	N	5	70	N	--	2
0606	300	200	N	50	<200	50	N	N	75	.10	--	N
0607	300	200	N	50	<200	100	N	5	70	<.10	--	2
0608	300	200	N	50	<200	1,000	N	5	65	N	--	<2
0609	500	200	N	50	<200	150	N	20	65	.10	--	N
0610	300	200	N	50	<200	100	N	15	85	N	--	<2
0611	200	200	N	50	<200	100	N	N	80	N	--	<2
0612	500	200	N	50	<200	100	N	5	55	N	--	N
0613	<100	150	N	50	<200	100	N	15	70	.10	--	N
0614	N	150	N	70	<200	150	N	45	100	.10	--	7
0615	700	200	N	20	<200	100	N	20	55	.10	--	N
0616	200	200	N	100	<200	100	N	20	80	.10	--	N
0617	500	200	N	20	<200	100	N	20	75	.10	--	N
0618	<100	200	N	100	<200	200	N	20	100	.20	--	N
0619	<100	300	N	70	<200	150	N	15	95	.10	--	N
0620	<100	200	N	70	<200	100	N	20	90	.20	--	N
0621	200	200	N	70	<200	100	N	20	80	.20	--	5
0622	500	200	N	50	<200	150	N	25	75	.10	--	N
0623	<100	300	N	50	<200	100	N	15	85	.10	--	N
0624	500	200	N	50	<200	100	N	25	80	.20	--	N
0625	700	200	N	20	<200	50	N	25	45	.10	--	N
0626	500	300	N	30	<200	70	N	25	90	.50	--	N
0627	500	200	N	20	<200	100	N	30	100	.20	--	N
0628	200	200	N	50	<200	100	N	30	110	.20	--	N
0629	<100	200	N	20	<200	150	N	30	130	.20	--	N
0630	500	200	N	20	<200	200	N	30	65	.20	--	N
0631	500	150	N	20	<200	100	N	30	55	.10	--	N
0632	200	300	N	30	<200	100	N	25	120	.20	--	N
0633	300	200	N	70	<200	150	N	30	75	.10	--	10
0634	100	200	N	50	<200	150	N	30	95	.10	--	6
0635	200	20	N	30	<200	150	N	5	100	.20	--	N
0636	200	30	N	50	<200	100	N	N	70	.20	--	N
0637	200	30	N	30	<200	50	N	N	60	.20	--	N
0638	700	20	N	30	<200	100	N	N	85	.10	--	N
0639	300	20	N	70	<200	200	N	N	70	<.10	--	N
0640	300	30	N	50	<200	500	N	5	95	.10	--	N
0641	200	200	N	50	<200	200	N	<5	75	.20	--	<2

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0642	61 41 48	147 9 56	10.0	5.0	.70	.70	1,000	N	N	N	200	1,000	1.0
0643	61 41 52	147 9 55	10.0	2.0	2.00	.50	1,000	N	N	N	100	100	N
0644	61 39 4	147 5 30	10.0	2.0	.30	.70	1,000	<.5	N	N	200	2,000	2.0
0645	61 44 13	146 59 52	10.0	7.0	2.00	.20	1,000	N	N	N	50	20	N
0646	61 49 22	147 20 38	5.0	1.0	.50	.50	1,000	N	N	N	150	1,000	1.0
0647	61 48 46	147 17 31	10.0	2.0	1.00	.50	1,000	N	N	N	100	300	<1.0
0648	61 50 7	147 15 43	5.0	1.0	.50	.50	1,000	<.5	N	N	200	1,500	1.0
0649	61 48 15	147 11 19	10.0	2.0	1.00	.70	1,000	N	N	N	100	300	<1.0
0650	61 45 38	147 11 32	10.0	5.0	2.00	.50	1,000	N	N	N	50	50	N
0651	61 45 40	147 11 39	10.0	2.0	1.50	.50	1,000	N	N	N	100	300	<1.0
0652	61 45 27	147 16 21	10.0	2.0	2.00	.50	1,000	N	N	N	100	200	<1.0
0653	61 45 25	147 16 17	10.0	2.0	2.00	.50	1,000	N	N	N	200	300	<1.0
0654	61 48 33	147 20 0	10.0	2.0	1.00	.70	1,000	N	N	N	100	500	<1.0
0655	61 46 15	147 21 44	10.0	2.0	1.00	.50	1,000	N	N	N	50	150	<1.0
0656	61 42 1	147 15 24	15.0	5.0	2.00	.70	1,000	N	N	N	100	100	N
0657	61 41 57	147 15 25	15.0	5.0	2.00	.70	1,000	N	N	N	100	200	N
0658	61 42 1	147 19 6	15.0	5.0	2.00	.70	1,000	N	N	N	100	50	N
0659	61 39 37	147 12 6	10.0	2.0	.50	.70	1,000	N	N	N	100	1,000	2.0
0660	61 37 28	147 9 47	10.0	2.0	.50	1.00	1,000	N	N	N	200	1,500	2.0
0661	61 35 14	147 10 39	10.0	2.0	.30	.70	1,000	N	N	N	200	1,500	2.0
0662	61 39 14	147 19 16	10.0	2.0	.50	.70	1,000	N	N	N	150	1,500	2.0
0663	61 42 26	147 22 12	10.0	7.0	2.00	.50	1,000	N	N	N	100	20	N
0664A	61 36 13	147 19 6	5.0	1.0	.50	.50	500	N	N	N	100	1,000	2.0
0664B	61 36 13	147 19 6	5.0	1.0	.50	.50	500	N	N	N	100	1,000	2.0
0665	61 34 51	147 18 30	7.0	1.0	.30	.50	1,000	<.5	N	N	100	1,000	2.0
0666	61 44 36	147 23 23	10.0	2.0	2.00	.50	1,000	N	N	N	100	150	<1.0
0667	61 41 40	147 29 54	10.0	2.0	2.00	.50	1,000	N	N	N	70	100	N
0668	61 41 36	147 29 53	5.0	2.0	.50	.50	500	N	N	N	50	700	<1.0
0669	61 42 11	147 33 21	7.0	2.0	.70	.50	700	N	N	N	100	700	<1.0
0670	61 44 41	147 36 25	7.0	2.0	2.00	.50	1,000	N	N	N	1,000	500	<1.0
0671	61 32 57	147 29 26	10.0	2.0	.50	.50	1,000	N	N	N	100	1,000	2.0
0672	61 32 29	147 39 14	5.0	2.0	.30	.50	700	N	N	N	100	1,500	1.0
0673	61 33 1	147 32 46	5.0	1.5	.50	.50	700	N	N	N	70	1,000	1.0
0674	61 32 37	147 23 26	10.0	2.0	.20	.70	500	N	N	N	150	1,000	2.0
0675	61 34 53	147 28 45	10.0	2.0	.50	.50	500	N	N	N	100	1,000	2.0
0676	61 35 8	147 17 52	5.0	3.0	.30	.50	1,000	N	N	N	150	1,500	2.0
0677	61 35 58	147 17 34	10.0	2.0	.70	.50	500	N	N	N	50	700	1.0
0678	61 36 10	147 10 23	10.0	2.0	.50	.50	1,000	N	N	N	50	1,000	1.0
0679	61 31 45	147 11 38	10.0	3.0	.50	.50	1,000	N	N	N	150	1,500	2.0
0680	61 32 17	147 11 15	10.0	3.0	.50	.50	1,000	N	N	N	70	1,000	2.0
0681	61 32 47	147 4 15	10.0	2.0	.20	.50	500	N	N	N	100	1,500	1.0
0682	61 34 3	147 6 10	10.0	2.0	.20	.70	700	N	N	N	100	1,000	1.0
0683	61 35 16	147 6 54	3.0	1.0	.50	.50	500	N	N	N	50	1,000	1.0
0684	61 36 15	147 4 19	5.0	1.5	.30	.50	500	N	N	N	100	1,000	1.0
0685	61 39 19	147 3 32	5.0	1.5	.30	.50	500	N	<200	N	100	700	1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0642	100	200	N	50	<200	200	N	5	100	.20	--	2
0643	500	500	N	20	<200	20	N	<5	55	.10	--	<2
0644	N	200	N	100	<200	200	N	90	170	.50	--	<2
0645	100	200	N	N	<200	N	N	<5	45	.10	--	<2
0646	100	200	N	30	<200	200	N	15	130	.10	--	<2
0647	200	300	N	50	<200	50	N	10	80	.30	--	N
0648	200	200	N	50	<200	150	N	25	150	.20	--	<2
0649	200	500	N	50	<200	100	N	5	100	.20	--	<2
0650	300	500	N	20	<200	<10	N	<5	55	.10	--	<2
0651	300	200	N	50	<200	100	N	<5	70	.10	--	<2
0652	300	300	N	50	<200	70	N	<5	45	.20	--	<2
0653	300	300	N	30	<200	50	N	<5	55	.20	--	<2
0654	300	500	N	50	<200	200	N	<5	80	.30	--	<2
0655	300	200	N	50	<200	50	N	<5	85	.40	--	<2
0656	500	500	N	20	<200	20	N	<5	65	.10	--	<2
0657	300	500	N	20	<200	100	N	15	65	.10	--	<2
0658	500	500	N	20	<200	10	N	<5	55	.10	--	<2
0659	200	200	N	50	<200	200	N	20	120	.20	--	<2
0660	300	200	N	100	<200	500	N	45	140	.30	--	<2
0661	300	200	N	50	<200	200	N	35	160	.40	--	<2
0662	300	200	N	50	<200	200	N	30	140	.40	--	<2
0663	300	300	N	10	<200	N	N	<5	50	.10	--	<2
0664A	500	200	N	50	<200	150	N	15	100	.30	--	<2
0664B	500	200	N	50	<200	200	N	10	75	.30	--	<2
0665	200	200	N	50	<200	200	N	55	130	.30	--	N
0666	500	200	N	50	<200	50	N	5	60	.10	--	N
0667	300	500	N	20	<200	50	N	<5	60	.20	--	N
0668	300	200	N	30	<200	100	N	15	80	.30	--	N
0669	300	200	N	50	<200	200	N	15	80	.30	--	N
0670	300	200	N	50	<200	100	N	20	80	.30	--	N
0671	300	200	N	50	<200	200	N	55	120	.40	--	N
0672	200	200	N	30	<200	200	N	35	130	.40	--	N
0673	300	200	N	30	<200	200	N	10	85	.40	--	N
0674	200	200	N	50	<200	200	N	75	110	.30	--	2
0675	300	200	N	50	<200	200	N	25	100	.30	--	<2
0676	200	200	N	50	<200	200	N	35	150	.30	--	<2
0677	500	200	N	50	<200	500	N	15	60	.40	--	<2
0678	500	200	N	50	<200	200	N	25	110	.30	--	<2
0679	200	200	N	50	<200	200	N	25	150	.50	--	<2
0680	200	200	N	50	<200	200	N	35	110	.30	--	<2
0681	200	200	N	50	<200	200	N	35	150	.30	--	6
0682	200	200	N	50	<200	200	N	45	150	.30	--	<2
0683	300	100	N	30	<200	200	N	30	70	.20	--	N
0684	200	100	N	50	<200	200	N	20	90	.20	--	N
0685	200	150	N	50	<200	200	N	20	85	.10	--	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0642	N	N	50	1,000	100	N	N	N	100	20	N	20	N
0643	N	N	50	100	100	N	N	N	50	N	N	70	N
0644	N	N	100	300	150	100	N	N	150	100	N	50	N
0645	N	N	100	500	100	<20	N	N	150	N	N	50	N
0646	N	N	50	150	70	N	N	N	100	20	N	20	N
0647	N	N	50	150	200	N	N	N	30	20	N	50	N
0648	N	N	70	200	100	N	N	N	150	50	N	20	N
0649	N	N	50	100	150	N	N	N	100	10	N	50	N
0650	N	N	50	300	150	N	N	N	100	N	N	50	N
0651	N	N	50	100	100	N	N	N	50	<10	N	50	N
0652	N	N	50	100	100	N	N	N	50	N	N	50	N
0653	N	N	50	100	150	N	N	N	50	N	N	50	N
0654	N	N	50	300	100	N	N	N	100	10	N	50	N
0655	N	N	50	30	200	N	5	N	20	10	N	50	N
0656	N	N	100	200	200	N	N	N	70	<10	N	50	N
0657	N	N	70	150	200	N	N	N	70	<10	N	50	N
0658	N	N	70	200	100	N	N	N	70	N	N	50	N
0659	N	N	50	200	100	<20	N	N	100	50	N	20	N
0660	N	N	70	300	150	100	N	N	200	70	N	50	N
0661	N	N	70	200	150	100	N	N	150	70	N	50	N
0662	N	N	100	200	200	<20	N	N	200	70	N	20	N
0663	N	N	70	300	100	N	N	N	100	N	N	50	N
0664A	N	N	20	100	100	<20	N	N	100	50	N	20	N
0664B	N	N	20	100	50	<20	N	N	50	20	N	20	N
0665	N	N	50	150	100	<20	N	N	100	50	N	20	N
0666	N	N	50	100	150	N	N	N	50	N	N	50	N
0667	N	N	50	200	100	N	N	N	50	N	N	50	N
0668	N	N	20	150	50	N	N	N	50	10	N	20	N
0669	N	N	50	150	70	N	N	N	50	20	N	30	N
0670	N	N	20	100	70	N	N	N	20	N	N	30	N
0671	N	N	50	150	100	<20	N	N	100	50	N	20	N
0672	N	N	50	100	100	N	N	N	100	70	N	20	N
0673	N	N	20	150	50	N	N	N	50	20	N	20	N
0674	N	N	50	150	100	N	N	N	100	50	N	30	N
0675	N	N	50	100	100	N	N	N	100	50	N	30	N
0676	N	N	70	200	100	N	N	N	150	70	N	50	N
0677	N	N	20	100	50	N	N	N	100	50	N	20	N
0678	N	N	50	100	100	N	N	N	50	50	N	20	N
0679	N	N	50	200	100	N	N	N	100	50	N	20	N
0680	N	N	30	150	100	N	N	N	100	50	N	20	N
0681	N	N	50	300	100	<20	N	N	100	70	N	20	N
0682	N	N	50	200	100	<20	N	N	100	70	N	30	N
0683	N	N	20	100	30	<20	N	N	50	20	N	20	N
0684	N	N	30	150	100	N	N	N	70	30	N	20	N
0685	N	N	20	200	150	<20	N	N	70	20	N	20	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0685	61 34 1	147 1 10	5.0	1.5	.20	.50	500	N	N	N	100	1,000	1.0
0687	61 35 12	147 42 41	7.0	2.0	.30	.50	1,000	N	N	N	100	1,000	1.0
0688	61 35 14	147 42 48	5.0	2.0	.50	.50	500	N	N	N	100	1,000	1.0
0689	61 35 12	147 42 35	5.0	1.5	.50	.50	500	N	N	N	100	1,000	1.0
0690	61 39 58	147 33 8	5.0	2.0	.20	.50	500	N	N	N	100	1,000	2.0
0691	61 37 12	147 32 41	5.0	1.5	.20	.50	500	N	N	N	100	1,000	2.0
0692	61 35 38	147 29 8	5.0	1.0	.70	.50	500	N	N	N	50	500	1.0
0693	61 34 56	147 32 10	5.0	1.5	.50	.50	500	N	N	N	100	1,000	1.0
0694	61 37 8	147 48 54	10.0	2.0	.50	1.00	1,000	N	N	N	200	1,000	1.0
0695	61 38 7	147 48 14	10.0	2.0	.50	1.00	1,500	N	N	N	150	1,000	1.0
0696	61 39 23	147 47 52	10.0	3.0	.50	.70	1,000	N	N	N	150	1,500	2.0
0697	61 41 55	147 48 15	10.0	2.0	.70	.50	1,000	N	N	N	100	1,000	1.0
0698	61 41 57	147 48 21	10.0	2.0	.70	.70	1,000	N	N	N	100	1,000	1.0
0699	61 40 8	147 50 46	15.0	3.0	.70	.70	1,000	N	N	N	100	1,000	1.5
0700	61 44 32	147 46 45	7.0	2.0	1.00	.50	1,000	N	N	N	20	500	<1.0
0701	61 42 11	147 56 19	10.0	3.0	1.00	.70	1,500	N	N	N	100	1,000	<1.0
0702	61 42 6	147 56 18	10.0	2.0	1.00	.50	1,000	<.5	N	N	100	1,000	1.0
0703	61 38 11	147 58 37	10.0	2.0	.50	.50	700	N	N	N	70	1,000	<1.0
0704	61 42 4	148 5 38	10.0	2.0	1.00	1.00	1,000	N	N	N	100	1,000	<1.0
0705	61 46 19	148 6 13	10.0	2.0	.50	1.00	2,000	N	N	N	100	1,500	<1.0
0706	61 47 8	148 12 14	20.0	3.0	2.00	1.00	1,500	N	N	N	1,000	300	N
0707	61 46 17	148 17 36	15.0	5.0	2.00	1.00	1,500	N	N	N	1,000	200	N
0708	61 43 43	148 20 57	10.0	5.0	3.00	.50	1,000	N	N	N	300	200	<1.0
0709	61 43 39	148 20 45	15.0	3.0	1.00	.70	1,000	N	N	N	100	700	<1.0
0710	61 41 32	148 15 4	10.0	2.0	.50	.50	1,000	N	N	N	100	700	1.0
0711	61 41 35	148 15 3	10.0	5.0	1.50	.70	1,000	N	N	N	100	700	<1.0
0712	61 52 30	148 13 38	10.0	2.0	.70	.70	1,000	1.0	N	N	100	700	<1.0
0713	61 51 55	148 15 13	15.0	3.0	.70	.70	1,000	N	N	N	100	1,000	1.0
0714	61 49 9	148 7 18	5.0	2.0	.30	.50	500	N	N	N	100	700	1.0
0715	61 49 6	148 7 15	10.0	2.0	.30	.50	1,000	N	N	N	100	700	1.0
0716	61 49 6	147 58 53	10.0	5.0	.50	.50	700	N	N	N	50	700	1.0
0717	61 52 0	147 57 32	10.0	3.0	1.00	.70	1,000	N	N	N	100	700	<1.0
0718	61 52 3	147 57 22	10.0	1.5	1.00	.70	1,500	N	<200	N	50	700	<1.0
0719	61 49 24	147 46 25	10.0	2.0	.70	.50	1,000	N	<200	N	100	1,000	<1.0
0720	61 48 27	147 41 29	10.0	2.0	3.00	1.00	1,500	N	<200	N	50	700	<1.0
0721	61 51 29	148 23 45	10.0	2.0	1.00	.70	1,000	N	<200	N	50	700	<1.0
0722	61 59 58	148 29 57	10.0	3.0	3.00	1.00	1,000	N	<200	N	50	300	N
0723	61 56 21	148 30 48	10.0	2.0	3.00	1.00	1,000	N	<200	N	100	300	<1.0
0724	61 56 19	148 30 38	10.0	2.0	2.00	.70	1,000	N	<200	N	150	500	<1.0
0725	61 59 12	148 38 58	10.0	2.0	3.00	.70	1,000	N	<200	N	50	300	<1.0
0726	61 57 27	148 39 29	10.0	2.0	3.00	.70	1,000	N	<200	N	20	300	N
0727	61 56 25	148 44 42	2.0	.2	.50	.10	700	N	<200	N	20	500	<1.0
0728	61 54 28	148 38 7	15.0	3.0	3.00	1.00	1,000	N	<200	N	100	300	N
0729	61 50 35	148 34 43	7.0	2.0	.70	.70	1,000	N	<200	N	30	1,000	1.0
0730	61 48 37	148 30 6	10.0	3.0	.70	.70	1,000	N	<200	N	50	1,000	1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0685	N	N	20	200	50	N	N	N	50	10	N	15	N
0687	N	N	50	150	100	<20	N	N	100	50	N	30	N
0688	N	N	50	200	100	N	N	N	100	50	N	20	N
0689	N	N	20	100	50	<20	N	N	50	50	N	20	N
0690	N	N	20	150	100	N	N	N	70	20	N	20	N
0691	N	N	30	100	70	N	N	N	100	20	N	20	N
0692	N	N	20	100	50	<20	N	N	50	10	N	20	N
0693	N	N	50	100	100	N	N	N	70	50	N	20	N
0694	N	N	50	150	150	N	N	N	70	50	N	30	N
0695	N	N	50	200	100	N	N	N	70	70	N	30	N
0696	N	N	30	200	100	N	N	N	100	50	N	30	N
0697	N	N	20	100	200	N	N	N	50	20	N	20	N
0698	N	N	30	200	150	<20	N	N	100	50	N	30	N
0699	N	N	30	200	100	N	N	N	100	50	N	30	N
0700	N	N	20	20	50	N	N	N	10	<10	N	30	N
0701	N	N	50	200	100	N	N	N	100	20	N	20	N
0702	N	N	30	100	100	N	N	N	50	100	N	20	N
0703	N	N	20	100	50	N	N	N	50	20	N	20	N
0704	N	N	30	100	100	N	N	N	50	10	N	20	N
0705	N	N	50	150	150	N	N	N	100	20	N	50	N
0706	N	N	70	300	100	N	N	N	50	N	N	50	N
0707	N	N	70	200	150	N	N	N	50	<10	N	50	N
0708	N	N	30	100	70	N	N	N	20	N	N	50	N
0709	N	N	50	200	100	N	N	N	100	10	N	20	N
0710	N	N	30	200	100	N	N	N	50	10	N	50	N
0711	N	N	50	200	100	N	N	N	50	<10	N	30	N
0712	N	N	30	100	50	N	N	N	20	20	N	30	N
0713	N	N	50	200	100	N	N	N	100	50	N	20	N
0714	N	N	20	100	50	N	N	N	50	10	N	20	N
0715	N	N	50	150	70	N	N	N	50	20	N	20	N
0716	N	N	50	200	100	N	N	N	100	20	N	20	N
0717	N	N	50	200	100	N	N	N	50	20	N	30	N
0718	N	N	30	50	100	N	N	N	10	N	N	30	N
0719	N	N	50	300	100	N	N	N	150	20	N	20	N
0720	N	N	50	200	50	N	N	N	50	<10	N	30	N
0721	N	N	30	200	50	N	N	N	50	10	N	30	N
0722	N	N	50	70	200	N	N	N	20	<10	N	50	N
0723	N	N	30	50	100	N	N	N	10	N	N	50	N
0724	N	N	50	150	100	N	N	N	30	<10	N	50	N
0725	N	N	50	30	150	N	N	N	10	<10	N	50	N
0726	N	N	30	20	100	N	N	N	15	20	N	30	N
0727	N	N	<5	N	7	N	N	N	5	<10	N	N	N
0728	N	N	50	50	100	N	N	N	15	<10	N	50	N
0729	N	N	30	200	50	N	N	N	100	<10	N	20	N
0730	N	N	50	200	150	N	N	N	100	10	N	20	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0685	200	100	N	50	<200	150	N	40	100	.20	--	<2
0687	200	200	N	50	<200	200	N	20	150	.20	--	<2
0688	500	150	N	50	<200	200	N	15	120	.10	--	2
0689	300	150	N	50	<200	500	N	10	75	.10	--	N
0690	200	150	N	50	<200	200	N	15	110	.20	--	<2
0691	200	150	N	50	<200	200	N	20	95	.10	--	N
0692	500	150	N	50	<200	200	N	15	60	.10	--	N
0693	300	150	N	50	<200	150	N	25	110	.20	--	N
0694	300	200	N	50	<200	200	N	15	140	.30	N	N
0695	200	200	N	50	200	200	N	55	160	.30	N	N
0696	100	200	N	50	200	200	N	45	140	.20	N	N
0697	500	200	N	50	<200	200	N	30	100	.20	N	N
0698	200	200	N	50	<200	500	N	70	120	.30	N	N
0699	200	200	N	50	<200	500	N	55	110	.20	N	N
0700	200	150	N	50	<200	100	N	<10	75	.10	N	N
0701	200	200	N	50	<200	200	N	<10	100	.20	N	N
0702	500	200	N	50	<200	500	N	30	90	.10	N	<2
0703	300	200	N	50	<200	300	N	20	110	.20	N	N
0704	200	200	N	50	<200	100	N	N	90	.20	N	N
0705	<100	200	N	50	<200	200	N	N	120	.10	N	N
0706	200	1,000	N	30	200	50	N	N	65	.10	N	N
0707	200	300	N	50	<200	70	N	N	45	.10	N	N
0708	500	200	N	20	<200	50	N	<10	55	<.10	N	N
0709	100	300	N	50	<200	200	N	15	95	.10	N	N
0710	200	200	N	50	200	150	N	10	120	.10	N	N
0711	<100	200	N	50	<200	150	N	<10	80	.20	N	N
0712	200	200	N	50	200	100	N	35	160	.40	N	N
0713	200	200	N	50	<200	200	N	25	110	.10	N	N
0714	100	200	N	30	<200	200	N	10	90	.10	N	N
0715	100	200	N	50	<200	200	N	15	100	.20	N	N
0716	100	150	N	50	<200	200	N	<10	120	.20	N	N
0717	300	200	N	50	200	200	N	10	120	.10	N	N
0718	200	200	N	50	200	100	N	N	200	.20	--	<2
0719	100	200	N	50	<200	150	N	10	130	.20	--	2
0720	300	300	N	50	200	100	N	N	100	.10	--	<2
0721	100	200	N	50	<200	100	N	N	100	.20	--	<2
0722	700	300	N	50	<200	200	N	N	30	.10	--	<2
0723	500	300	N	50	<200	500	N	N	50	.20	--	<2
0724	<100	500	N	50	<200	500	N	15	100	.40	--	<2
0725	500	300	N	30	<200	100	N	N	30	<.10	--	2
0726	500	300	N	30	<200	150	N	N	60	<.10	--	<2
0727	300	20	N	<10	<200	50	N	N	15	<.10	--	2
0728	300	500	N	50	200	200	N	N	85	<.10	--	<2
0729	200	200	N	50	<200	200	N	N	120	.40	--	<2
0730	200	200	N	50	<200	150	N	N	90	.50	--	<2

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0776	N	N	20	20	20	N	N	N	10	<10	N	15	N
0777	N	N	50	150	70	N	N	N	50	<10	N	30	N
0778	N	N	30	150	100	N	N	N	20	10	N	20	N
0779	N	N	50	200	100	N	N	N	150	<10	N	70	N
0780	N	N	30	150	50	N	N	N	20	10	N	50	N
0781	N	N	30	50	70	N	N	N	15	10	N	50	N
0782	N	N	50	700	100	N	N	N	70	<10	N	50	N
0783	N	N	100	500	100	N	N	N	100	10	N	50	N
0784	N	N	50	150	100	<20	N	N	70	20	N	20	N
0785	N	N	50	200	100	N	N	N	100	10	N	20	N
0786	N	N	20	200	100	<20	N	N	100	10	N	20	N
0787	N	N	50	200	100	<20	N	N	100	20	N	20	N
0788	N	N	50	200	150	<20	N	N	100	20	N	20	N
0789	N	N	50	200	100	<20	N	N	100	10	N	20	N
0790	N	N	50	200	100	<20	N	N	100	20	N	20	N
0791	N	N	30	200	70	N	N	N	100	10	N	20	N
0792	N	N	30	200	100	<20	N	N	100	10	N	20	N
0793	N	N	20	200	100	<20	N	N	100	10	N	20	N
0794	N	N	30	200	100	<20	N	N	100	100	N	20	N
0795	N	N	50	200	200	N	N	N	100	20	N	20	N
0796	N	N	50	200	100	<20	N	N	100	20	N	20	N
0797	N	N	50	200	100	N	N	N	100	10	N	20	N
0798	N	N	50	200	100	<20	N	N	100	20	N	20	N
0799	N	N	50	200	150	N	N	N	100	100	N	20	N
0800	N	N	50	200	100	N	N	N	100	50	N	20	N
0801	N	N	30	200	100	N	N	N	100	50	N	20	N
0802	N	N	30	300	150	N	N	N	100	70	N	20	N
0803	N	N	50	300	100	<20	N	N	100	50	N	30	N
0804	N	N	50	200	100	<20	N	N	100	70	N	30	N
0805	N	N	50	200	100	N	N	N	100	70	N	30	N
3000	N	N	10	50	20	N	N	N	10	10	N	N	N
3001	N	N	10	50	20	N	N	N	20	10	N	N	N
3002	N	N	50	300	70	N	N	N	100	N	N	N	N
3003	N	N	20	70	20	N	N	N	15	20	N	N	N
3004	N	N	15	50	20	N	N	N	10	15	N	N	N
3005	N	N	30	70	50	N	N	N	20	15	N	N	N
3006	N	N	10	15	30	30	N	N	5	20	N	N	N
3007	N	N	10	15	50	50	N	N	5	20	N	N	N
3008	N	N	20	20	30	N	N	N	10	15	N	N	N
3009	N	N	20	30	20	20	N	N	7	15	N	N	N
3010	N	N	15	30	15	50	N	N	5	15	N	N	N
3011	N	N	30	20	50	N	N	N	20	15	N	N	N
3012	N	N	30	50	30	N	N	N	20	15	N	N	N
3013	N	N	20	20	50	N	<5	N	15	20	N	N	N
3014	N	N	20	30	20	N	N	N	7	50	N	N	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0776	61 46 16	148 54 23	5.0	1.5	2.00	.30	700	N	N	N	50	700	<1.0
0777	61 45 8	149 1 30	10.0	3.0	3.00	.70	1,000	2.0	N	N	50	500	<1.0
0778	61 49 12	148 59 41	10.0	3.0	2.00	.50	1,000	N	N	N	50	500	<1.0
0779	61 48 37	149 6 4	15.0	3.0	2.00	.70	1,000	N	N	N	100	300	<1.0
0780	61 47 13	149 8 50	10.0	2.0	2.00	.50	1,000	N	N	N	50	500	1.0
0781	61 49 8	149 14 25	10.0	3.0	2.00	.50	1,000	N	N	N	50	300	<1.0
0782	61 32 20	148 52 37	10.0	3.0	2.00	.70	1,000	N	N	N	100	700	<1.0
0783	61 33 34	148 50 32	15.0	5.0	2.00	1.00	1,500	100.0	N	N	100	700	<1.0
0784	61 31 5	148 43 35	7.0	2.0	.50	.70	1,000	N	N	N	100	1,000	1.0
0785	61 32 4	148 39 18	7.0	2.0	.70	.70	1,000	N	N	N	100	1,000	1.0
0786	61 31 59	148 39 15	7.0	2.0	.20	.70	1,000	N	N	N	100	700	1.0
0787	61 33 31	148 37 29	10.0	3.0	.50	.70	1,000	2.0	N	N	100	700	1.0
0788	61 34 47	148 33 45	10.0	2.0	.20	.70	1,000	N	N	N	200	1,000	1.0
0789	61 30 51	148 36 48	10.0	2.0	.20	.70	1,000	N	N	N	100	1,000	1.0
0790	61 32 1	148 31 53	10.0	2.0	.20	.70	1,000	N	N	N	150	1,000	1.0
0791	61 31 58	148 31 56	7.0	2.0	.50	.70	1,000	N	N	N	100	1,000	1.0
0792	61 28 8	148 37 5	7.0	2.0	.20	.70	1,000	N	N	N	100	1,000	1.0
0793	61 27 59	148 29 5	7.0	2.0	.30	.50	1,000	N	N	N	100	700	1.0
0794	61 32 11	148 24 52	7.0	2.0	.70	.70	1,000	<.5	N	N	100	1,000	1.0
0795	61 32 15	148 24 59	10.0	2.0	.70	.50	1,000	N	N	N	100	1,000	1.0
0796	61 36 17	148 23 30	7.0	2.0	.20	.70	1,000	N	N	N	100	1,000	1.0
0797	61 37 51	148 25 15	10.0	2.0	1.00	.70	1,000	N	N	N	70	700	<1.0
0798	61 36 41	148 20 16	7.0	2.0	.20	.70	1,000	N	N	N	200	1,000	1.0
0799	61 33 7	148 1 58	15.0	3.0	.50	.50	1,000	N	N	N	100	1,000	1.0
0800	61 32 33	148 3 18	10.0	2.0	.50	.50	1,000	N	N	N	100	1,000	1.0
0801	61 32 47	148 5 20	10.0	2.0	.50	.50	1,000	N	N	N	100	1,000	1.0
0802	61 31 19	148 5 55	10.0	2.0	.50	.50	1,000	N	N	N	100	1,000	1.0
0803	61 31 25	148 5 49	10.0	3.0	.50	.50	1,000	N	N	N	100	1,500	1.0
0804	61 31 13	148 6 0	10.0	3.0	.50	.50	1,000	N	N	N	100	1,500	1.0
0805	61 36 48	148 17 50	10.0	2.0	.10	.50	1,500	N	N	N	200	1,000	1.0
3000	61 56 7	148 54 9	2.0	1.0	1.50	.15	500	N	N	N	50	200	<1.0
3001	61 55 8	148 58 40	2.0	1.0	2.00	.20	700	N	N	N	50	300	<1.0
3002	61 55 5	148 58 50	10.0	3.0	2.00	.70	700	N	N	N	<10	100	N
3003	61 58 50	149 1 46	5.0	2.0	2.00	.50	700	N	N	N	30	200	<1.0
3004	61 59 43	149 1 5	2.0	1.0	2.00	.30	500	N	N	N	100	300	<1.0
3005	61 56 41	149 5 59	10.0	1.5	2.00	.50	1,000	N	N	N	20	200	1.0
3006	61 52 42	149 7 55	2.0	1.0	1.50	.20	500	N	N	N	15	500	1.5
3007	61 53 5	149 11 9	2.0	1.0	2.00	.20	700	N	N	N	15	500	1.5
3008	61 56 58	149 10 5	5.0	1.5	2.00	.30	700	N	N	N	10	500	<1.0
3009	61 58 27	149 14 25	5.0	1.5	2.00	.30	1,000	N	N	N	10	500	<1.0
3010	61 59 29	149 17 25	7.0	.7	1.50	.30	700	N	N	N	<10	500	<1.0
3011	61 57 55	149 19 40	7.0	2.0	2.00	.50	1,000	N	N	N	20	300	1.0
3012	62 1 0	149 5 52	7.0	2.0	2.00	.50	1,000	N	N	N	20	200	<1.0
3013	62 1 48	149 9 10	5.0	1.5	1.00	.30	700	N	N	N	30	300	<1.0
3014	61 47 47	149 20 38	3.0	.7	.70	.50	700	<.5	N	N	50	300	<1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0731	200	150	N	50	<200	500	N	<10	70	.10	--	<2
0732	300	200	N	50	<200	500	N	N	65	<.10	--	N
0733	500	100	N	20	<200	500	N	N	45	N	--	N
0734	100	200	N	50	<200	100	N	10	110	<.10	--	2
0735	200	200	N	50	<200	100	N	N	110	.20	--	N
0735	300	100	N	50	<200	150	N	25	145	.50	--	<2
0737	300	100	N	50	<200	200	N	15	110	.50	--	<2
0738	300	100	N	50	<200	200	N	<10	95	.20	--	<2
0739	200	200	N	30	200	200	N	10	160	.30	--	<2
0740	500	200	N	30	<200	200	N	<10	140	.20	--	N
0741	200	200	N	30	<200	200	N	10	140	.20	--	<2
0742	200	200	N	50	<200	200	N	25	160	.30	--	N
0743	200	200	N	50	<200	200	N	15	130	.20	--	<2
0744	100	200	N	50	<200	150	N	N	95	<.10	--	<2
0745	<100	200	N	50	<200	200	N	N	110	.40	--	<2
0746	100	200	N	30	<200	100	N	N	90	<.10	--	<2
0747	500	300	N	20	<200	150	N	N	55	<.10	--	N
0748	<100	200	N	30	<200	150	N	10	140	.20	--	2
0749	100	200	N	50	<200	150	N	50	160	.30	--	<2
0750	<100	300	N	50	<200	200	N	20	140	.10	--	<2
0751	300	200	N	50	<200	200	N	15	120	.30	--	<2
0752	200	200	N	50	<200	200	N	80	140	.20	--	<2
0753	<100	200	N	50	<200	150	N	35	160	.10	--	<2
0754	200	200	N	50	<200	300	N	20	140	.20	--	<2
0755	100	200	N	30	<200	200	N	90	130	.20	--	<2
0756	100	200	N	100	200	200	N	50	170	.40	--	4
0757	200	200	N	50	200	200	N	40	140	.20	--	<2
0758	200	200	N	50	<200	200	N	30	140	.20	--	<2
0759	200	200	N	50	<200	200	N	25	130	.50	--	<2
0760	200	200	N	50	<200	200	N	25	150	.20	--	<2
0761	100	200	N	50	200	200	N	75	160	.20	--	6
0762	<100	200	N	50	200	200	N	65	160	.30	--	4
0763	100	200	N	50	200	200	N	35	160	.30	--	2
0764	200	200	N	50	<200	200	N	25	120	.40	--	<2
0765	200	200	N	50	<200	200	N	30	120	.30	--	<2
0766	300	500	N	50	200	100	N	<10	110	.30	--	N
0767	200	200	N	50	<200	150	N	20	100	.30	--	N
0768	500	300	N	50	200	200	N	N	50	.10	--	N
0769	500	300	N	50	200	70	N	N	65	.20	--	N
0770	700	200	N	20	<200	100	N	<10	40	.10	--	N
0771	500	100	N	30	<200	200	N	N	30	.10	--	N
0772	500	150	N	30	<200	150	N	N	40	.10	--	N
0773	500	200	N	20	<200	100	N	15	60	.20	--	N
0774	500	200	N	30	<200	300	N	10	45	<.10	--	N
0775	700	150	N	20	<200	150	N	N	50	N	--	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0731	N	N	20	200	50	N	N	N	50	10	N	20	N
0732	N	N	20	100	50	<20	N	N	50	10	N	20	N
0733	N	N	10	50	50	N	N	N	10	<10	N	10	N
0734	N	N	70	100	200	N	N	N	100	50	N	50	30
0735	N	N	50	100	50	N	N	N	50	<10	N	30	N
0736	N	N	50	100	100	20	N	N	70	30	N	20	N
0737	N	N	50	100	70	<20	N	N	70	30	N	20	N
0738	N	N	30	100	70	20	N	N	50	20	N	20	N
0739	N	N	30	150	100	<20	N	N	50	30	N	20	N
0740	N	N	50	200	70	<20	N	N	100	30	N	20	N
0741	N	N	50	200	100	<20	N	N	100	30	N	20	N
0742	N	N	50	200	150	<20	N	N	100	30	N	20	N
0743	N	N	50	300	100	<20	N	N	100	30	N	20	N
0744	N	N	50	200	100	N	N	N	70	<10	N	20	N
0745	N	N	50	200	100	N	N	N	100	<10	N	30	N
0746	N	N	50	200	100	N	N	N	70	10	N	30	N
0747	N	N	100	300	150	N	N	N	100	N	N	50	N
0748	N	N	50	200	100	N	N	N	70	20	N	20	N
0749	N	N	50	200	100	<20	N	N	70	50	N	20	N
0750	N	N	50	300	100	20	N	N	150	20	N	30	N
0751	N	N	20	150	100	20	N	N	70	20	N	20	N
0752	N	N	100	200	150	N	N	N	100	30	N	20	N
0753	N	N	50	200	100	<20	N	N	100	20	N	20	N
0754	N	N	50	200	100	<20	N	N	100	30	N	30	N
0755	N	N	100	200	100	N	N	N	100	100	N	20	N
0756	N	N	100	200	150	100	N	N	100	70	N	30	N
0757	N	N	50	200	100	20	N	N	100	30	N	30	N
0758	N	N	50	200	100	20	N	N	100	20	N	30	N
0759	N	N	50	200	100	20	N	N	100	50	N	30	N
0760	N	N	50	200	150	20	N	N	100	30	N	30	N
0761	N	N	50	200	100	20	N	N	100	70	N	30	N
0762	N	N	50	300	100	<20	N	N	100	50	N	30	N
0763	N	N	50	300	100	<20	N	N	100	30	N	30	N
0764	N	N	50	200	100	<20	N	N	100	20	N	20	N
0765	N	N	50	200	150	<20	N	N	100	20	N	20	N
0766	N	N	100	150	100	N	N	N	50	10	N	50	N
0767	N	N	50	150	100	N	N	N	70	50	N	20	N
0768	N	N	50	150	100	N	N	N	50	<10	N	50	N
0769	N	N	50	100	100	N	N	N	20	<10	N	50	N
0770	N	N	20	50	50	N	N	N	20	<10	N	15	N
0771	N	N	20	150	50	<20	N	N	50	<10	N	15	N
0772	N	N	50	1,000	50	N	N	N	100	<10	N	20	N
0773	N	N	30	100	50	N	N	N	20	<10	N	20	N
0774	N	N	30	50	100	N	N	N	10	<10	N	30	N
0775	N	N	20	30	50	N	N	N	15	<10	N	15	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0731	61 48 10	148 40 6	10.0	1.5	.50	.70	1,000	N	<200	N	70	1,000	1.0
0732	61 46 26	148 50 10	10.0	1.5	2.00	.70	1,000	N	<200	N	50	1,000	1.0
0733	61 46 29	148 50 21	7.0	1.5	2.00	.50	1,000	N	<200	N	20	500	<1.0
0734	61 47 37	147 35 20	10.0	2.0	2.00	.70	1,500	N	<200	N	300	700	N
0735	61 48 7	147 48 24	10.0	2.0	2.00	.70	1,500	N	<200	N	50	700	<1.0
0736	61 34 58	147 57 21	7.0	2.0	.70	.50	700	N	<200	N	50	1,000	<1.0
0737	61 34 58	147 57 24	7.0	2.0	.50	.50	700	N	<200	N	50	1,000	1.0
0738	61 34 57	147 57 31	5.0	1.5	1.00	.50	700	N	<200	N	50	1,000	1.0
0739	61 34 41	147 55 40	7.0	3.0	.50	.50	1,000	N	N	N	100	1,000	1.0
0740	61 34 49	147 55 43	7.0	3.0	1.00	.70	1,000	N	N	N	70	1,000	1.0
0741	61 34 44	147 55 43	7.0	2.0	.50	.70	700	N	N	N	100	1,000	1.0
0742	61 35 58	148 0 56	10.0	3.0	.50	.70	700	<.5	N	N	100	1,000	1.0
0743	61 35 52	148 0 47	10.0	3.0	.70	.70	700	N	N	N	100	1,000	<1.0
0744	61 40 5	148 11 36	7.0	3.0	1.00	1.00	1,000	N	N	N	100	700	1.0
0745	61 40 9	148 11 43	10.0	3.0	.70	1.00	1,000	N	N	N	100	700	1.0
0746	61 44 59	148 12 10	10.0	7.0	1.00	.70	1,000	N	N	N	150	300	<1.0
0747	61 44 59	148 11 55	15.0	2.0	5.00	.70	1,000	N	N	N	150	200	N
0748	61 38 32	148 12 56	10.0	2.0	.50	.70	1,000	N	N	N	100	700	<1.0
0749	61 36 9	148 6 52	7.0	2.0	.30	.70	700	N	N	N	100	700	1.0
0750	61 36 0	148 11 18	10.0	1.5	.30	1.00	1,000	N	N	N	150	1,000	1.0
0751	61 34 26	148 12 41	7.0	2.0	1.00	.70	700	N	N	N	100	1,000	1.0
0752	61 34 27	148 12 49	10.0	2.0	.70	.70	700	N	N	N	100	1,000	1.0
0753	61 33 56	148 13 28	10.0	3.0	.50	.70	700	N	N	N	150	1,000	1.0
0754	61 32 23	148 14 38	10.0	3.0	.70	1.00	700	N	N	N	150	1,500	1.5
0755	61 32 25	148 14 31	10.0	3.0	.70	.70	700	<.5	N	N	100	1,000	<1.0
0756	61 27 10	147 55 38	10.0	3.0	.70	.70	700	.5	N	N	200	1,000	2.0
0757	61 27 8	147 55 37	7.0	3.0	.50	.70	700	N	N	N	150	1,000	2.0
0758	61 29 34	147 54 0	10.0	3.0	.50	.70	700	N	N	N	200	1,500	2.0
0759	61 29 39	147 54 3	10.0	2.0	.50	.70	700	N	N	N	200	1,500	2.0
0760	61 29 40	147 54 7	10.0	3.0	.50	.70	700	N	N	N	100	1,500	2.0
0761	61 27 22	147 59 37	10.0	3.0	.50	.70	700	1.0	N	N	200	1,500	2.0
0762	61 27 26	148 1 26	10.0	3.0	.50	.70	700	N	N	N	200	1,500	2.0
0763	61 29 2	148 7 0	10.0	5.0	.50	.70	700	N	N	N	200	1,500	2.0
0764	61 30 47	148 10 28	10.0	2.0	.70	.70	700	N	N	N	100	1,000	1.0
0765	61 31 43	148 7 59	10.0	2.0	.50	.70	700	N	N	N	100	1,000	1.0
0766	61 42 37	148 34 15	15.0	5.0	5.00	.70	1,000	N	N	N	200	200	<1.0
0767	61 45 10	148 34 40	7.0	1.5	1.00	.70	700	N	N	N	200	700	1.0
0768	61 42 34	148 44 12	10.0	3.0	5.00	1.00	1,000	N	N	N	70	200	<1.0
0769	61 39 48	148 44 32	10.0	3.0	5.00	1.00	1,000	N	N	N	70	100	<1.0
0770	61 44 25	148 50 50	5.0	1.5	2.00	.50	700	N	N	N	50	700	1.0
0771	61 37 53	148 50 39	5.0	2.0	2.00	.70	1,000	N	N	N	50	500	1.0
0772	61 36 14	148 44 49	10.0	3.0	2.00	.70	1,000	N	N	N	100	500	<1.0
0773	61 52 22	148 49 10	10.0	2.0	3.00	.50	1,000	N	N	N	30	500	<1.0
0774	61 50 7	148 49 26	10.0	2.0	2.00	.70	1,000	N	N	N	70	500	<1.0
0775	61 50 6	148 49 40	7.0	2.0	2.00	.50	700	N	N	N	50	700	<1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0776	N	N	20	20	20	N	N	N	10	<10	N	15	N
0777	N	N	50	150	70	N	N	N	50	<10	N	30	N
0778	N	N	30	150	100	N	N	N	20	10	N	20	N
0779	N	N	50	200	100	N	N	N	150	<10	N	70	N
0780	N	N	30	150	50	N	N	N	20	10	N	50	N
0781	N	N	30	50	70	N	N	N	15	10	N	50	N
0782	N	N	50	700	100	N	N	N	70	<10	N	50	N
0783	N	N	100	500	100	N	N	N	100	10	N	50	N
0784	N	N	50	150	100	<20	N	N	70	20	N	20	N
0785	N	N	50	200	100	N	N	N	100	10	N	20	N
0786	N	N	20	200	100	<20	N	N	100	10	N	20	N
0787	N	N	50	200	100	<20	N	N	100	20	N	20	N
0788	N	N	50	200	150	<20	N	N	100	20	N	20	N
0789	N	N	50	200	100	<20	N	N	100	10	N	20	N
0790	N	N	50	200	100	<20	N	N	100	20	N	20	N
0791	N	N	30	200	70	N	N	N	100	10	N	20	N
0792	N	N	30	200	100	<20	N	N	100	10	N	20	N
0793	N	N	20	200	100	<20	N	N	100	10	N	20	N
0794	N	N	30	200	100	<20	N	N	100	100	N	20	N
0795	N	N	50	200	200	N	N	N	100	20	N	20	N
0796	N	N	50	200	100	<20	N	N	100	20	N	20	N
0797	N	N	50	200	100	N	N	N	100	10	N	20	N
0798	N	N	50	200	100	<20	N	N	100	20	N	20	N
0799	N	N	50	200	150	N	N	N	100	100	N	20	N
0800	N	N	50	200	100	N	N	N	100	50	N	20	N
0801	N	N	30	200	100	N	N	N	100	50	N	20	N
0802	N	N	30	300	150	N	N	N	100	70	N	20	N
0803	N	N	50	300	100	<20	N	N	100	50	N	30	N
0804	N	N	50	200	100	<20	N	N	100	70	N	30	N
0805	N	N	50	200	100	N	N	N	100	70	N	30	N
3000	N	N	10	50	20	N	N	N	10	10	N	N	N
3001	N	N	10	50	20	N	N	N	20	10	N	N	N
3002	N	N	50	300	70	N	N	N	100	N	N	N	N
3003	N	N	20	70	20	N	N	N	15	20	N	N	N
3004	N	N	15	50	20	N	N	N	10	15	N	N	N
3005	N	N	30	70	50	N	N	N	20	15	N	N	N
3006	N	N	10	15	30	30	N	N	5	20	N	N	N
3007	N	N	10	15	50	50	N	N	5	20	N	N	N
3008	N	N	20	20	30	N	N	N	10	15	N	N	N
3009	N	N	20	30	20	20	N	N	7	15	N	N	N
3010	N	N	15	30	15	50	N	N	5	15	N	N	N
3011	N	N	30	20	50	N	N	N	20	15	N	N	N
3012	N	N	30	50	30	N	N	N	20	15	N	N	N
3013	N	N	20	20	50	N	<5	N	15	20	N	N	N
3014	N	N	20	30	20	N	N	N	7	50	N	N	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
0776	500	150	N	20	<200	100	N	10	50	N	--	N
0777	500	300	N	50	<200	200	N	15	35	N	--	<2
0778	500	200	N	30	<200	500	N	<10	30	N	--	N
0779	500	300	N	100	<200	>1,000	N	<10	20	N	--	N
0780	500	200	N	50	<200	500	N	10	20	N	--	N
0781	500	200	200	50	<200	500	N	<10	50	N	--	<2
0782	300	200	N	50	<200	150	N	<10	80	<.10	--	N
0783	300	200	N	50	<200	200	N	N	85	.10	--	N
0784	100	200	N	50	200	200	N	20	150	.10	--	<2
0785	100	200	N	50	<200	200	N	15	110	.10	--	<2
0786	100	200	N	30	<200	150	N	15	120	<.10	--	<2
0787	100	200	N	70	<200	200	N	15	140	.10	--	<2
0788	100	300	N	70	<200	200	N	20	140	.20	--	<2
0789	100	200	N	50	<200	150	N	15	100	.10	--	N
0790	100	200	N	50	<200	200	N	45	120	.10	--	3
0791	100	200	N	50	<200	150	N	35	95	.10	--	<2
0792	100	200	N	50	<200	200	N	15	110	.10	--	<2
0793	<100	200	N	50	<200	200	N	20	120	.60	--	<2
0794	200	200	N	50	<200	200	N	80	90	.20	--	<2
0795	200	200	N	50	<200	200	N	45	140	.10	--	<2
0796	100	200	N	50	<200	200	N	30	140	<.10	--	2
0797	200	200	N	50	<200	200	N	30	100	.50	--	<2
0798	<100	200	N	50	200	200	N	30	15	<.10	--	<2
0799	200	200	N	50	200	200	N	25	140	.30	N	3
0800	200	200	N	50	200	200	N	20	130	.30	N	2
0801	200	200	N	50	200	200	N	30	100	.20	N	<2
0802	200	200	N	50	200	200	N	30	130	.20	N	3
0803	200	200	N	50	200	200	N	35	130	.30	N	2
0804	200	200	N	50	200	200	N	30	140	.30	N	3
0805	<100	200	N	50	200	200	N	20	160	.20	N	2
3000	500	100	N	20	N	200	N	<10	35	.70	N	N
3001	500	150	N	20	N	200	N	<10	40	.30	N	<2
3002	500	300	N	20	N	50	N	<10	20	<.10	N	2
3003	300	200	N	50	N	1,000	N	<10	65	.40	N	N
3004	300	100	N	30	N	500	N	<10	40	<.10	N	N
3005	300	300	N	50	N	500	N	<10	60	.20	N	N
3006	500	100	N	30	N	1,000	N	N	20	.10	N	N
3007	500	100	N	50	N	1,000	N	<10	20	<.10	N	N
3008	300	200	N	50	N	200	N	N	35	<.10	N	N
3009	500	200	N	30	N	300	N	N	45	.10	N	N
3010	500	200	N	50	N	700	N	<10	30	.10	N	N
3011	500	200	N	50	N	200	N	<10	40	<.10	N	N
3012	300	300	N	50	N	500	N	<10	50	<.10	N	N
3013	300	150	N	20	N	500	N	<10	40	N	N	N
3014	300	500	N	20	N	500	N	20	75	.30	N	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3015	61 45 58	149 25 48	10.0	1.0	1.00	.30	500	.7	700	10	100	500	1.0
3016	61 45 49	149 29 15	5.0	.3	.70	.15	500	N	N	N	<10	500	<1.0
3017	62 0 0	149 23 45	5.0	.7	1.00	.30	700	N	N	N	10	700	1.5
3018	61 59 54	149 26 23	3.0	.7	1.00	.20	500	N	N	N	15	700	2.0
3019	62 0 0	149 29 10	5.0	.7	1.00	.20	700	N	N	N	10	500	1.0
3020	61 56 6	149 36 33	10.0	2.0	2.00	.50	1,000	N	N	N	10	500	1.0
3021	61 54 18	149 23 30	7.0	1.5	2.00	.50	1,000	N	N	N	10	700	1.0
3022	61 51 56	149 45 31	5.0	1.5	1.50	.50	1,500	N	N	N	10	500	<1.0
3023	61 52 30	149 37 50	3.0	1.5	1.50	.30	700	N	N	N	10	300	1.0
3024	61 51 35	149 18 5	7.0	1.0	1.50	.30	700	N	N	N	50	500	1.0
3025	61 46 58	149 16 15	5.0	1.5	2.00	.50	700	N	N	N	30	200	1.0
3026	61 46 38	149 11 38	2.0	1.5	1.00	.50	700	.5	N	N	50	300	<1.0
3027	61 41 47	149 16 45	2.0	1.0	1.00	.50	700	N	N	N	30	700	1.0
3028	61 41 33	149 28 6	2.0	1.0	1.00	.50	700	N	N	N	50	300	<1.0
3029	61 41 31	149 32 16	2.0	1.0	.70	.30	500	N	N	N	70	500	N
3030	61 21 47	148 11 50	3.0	1.0	.50	.50	700	N	N	N	100	1,000	1.0
3031	61 22 48	148 8 25	5.0	1.0	.20	.50	500	<.5	N	N	150	1,000	1.5
3032	61 24 14	148 12 14	2.0	.7	.20	.30	500	N	N	N	50	500	1.0
3033	61 21 49	148 13 54	2.0	1.0	.30	.50	500	N	N	N	100	500	1.0
3034	61 20 34	148 18 0	3.0	1.5	1.00	.70	700	N	N	N	100	500	1.0
3035	61 18 20	148 19 50	7.0	2.0	1.50	.70	1,000	N	N	N	100	500	N
3036	61 28 0	147 56 15	5.0	2.0	.70	.70	700	<.5	N	N	100	1,000	1.5
3037	61 27 49	148 3 30	5.0	1.5	.50	.50	500	<.5	N	N	100	1,000	1.0
3038	61 28 30	148 13 12	7.0	2.0	.30	1.00	500	N	N	N	150	1,000	1.0
3039	61 31 44	148 17 0	3.0	1.5	.50	.70	700	N	N	N	100	1,000	1.0
3040	61 26 40	148 18 11	5.0	1.5	.70	.70	700	N	N	N	150	1,000	2.0
3041	61 25 12	148 19 18	5.0	1.5	.50	.50	700	N	N	N	150	1,000	2.0
3042	61 45 40	149 29 16	5.0	1.0	.70	.70	1,000	N	N	N	200	300	1.0
3043	61 45 45	149 32 0	5.0	1.0	1.00	.70	1,000	N	N	N	200	500	1.5
3044	61 49 49	149 28 11	2.0	.5	.50	.10	500	N	N	N	100	700	2.0
3045	61 49 54	149 28 16	10.0	1.0	1.00	.30	700	N	N	N	70	700	1.0
3046	61 24 13	148 13 40	5.0	1.0	.50	.50	1,000	N	N	N	150	1,000	2.0
3047	61 20 49	148 24 23	5.0	1.0	1.00	.50	1,000	N	N	N	70	700	<1.0
3048	61 18 4	148 28 12	5.0	1.0	.70	.50	700	N	N	N	150	700	<1.0
3049	61 11 43	148 24 1	5.0	1.5	.50	.50	700	N	N	N	100	700	1.0
3050	61 10 40	148 26 18	3.0	1.5	.70	.50	700	N	N	N	70	700	1.0
3051	61 18 9	148 35 46	5.0	2.0	.50	.50	700	N	N	N	70	1,000	1.0
3052	61 21 40	148 33 32	3.0	1.0	.30	.50	500	N	N	N	70	700	1.0
3053	61 23 46	148 36 11	3.0	1.0	.70	.50	700	N	N	N	50	500	1.0
3054	61 13 58	148 26 58	3.0	1.0	.70	.50	700	N	N	N	100	500	1.0
3055	61 10 59	148 23 56	5.0	1.0	.70	.50	700	N	N	N	100	1,000	1.0
3056	61 12 33	148 29 40	2.0	.7	.20	.30	500	N	N	N	50	500	N
3057	61 16 17	148 41 41	3.0	1.5	.20	.50	700	N	N	N	100	700	<1.0
3058	61 25 19	148 39 40	2.0	1.0	.20	.30	500	N	N	N	100	500	N
3059	61 26 12	148 46 47	5.0	1.0	.50	.50	500	<.5	N	N	100	700	1.5

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3015	N	N	10	100	20	N	N	N	10	30	N	N	15
3016	N	N	5	<10	20	50	N	N	<5	15	N	5	N
3017	N	N	10	20	20	150	N	N	5	20	N	7	N
3018	N	N	7	15	20	20	N	N	5	15	N	5	N
3019	N	N	10	20	10	50	N	N	<5	15	N	7	N
3020	N	N	30	100	30	70	N	N	15	20	N	30	N
3021	N	N	30	<10	20	30	N	N	20	20	N	20	N
3022	N	N	30	100	15	20	N	N	20	15	N	20	N
3023	N	N	20	15	30	N	N	N	15	15	N	20	N
3024	N	N	20	100	20	30	N	N	15	20	N	20	N
3025	N	N	20	100	20	20	N	N	15	15	N	20	N
3026	N	N	20	70	30	N	N	N	15	15	N	20	N
3027	N	N	20	50	20	N	N	N	20	20	N	20	N
3028	N	N	20	100	20	N	N	N	20	15	N	20	N
3029	N	N	15	100	20	N	N	N	50	10	N	20	N
3030	N	N	20	100	30	<20	N	N	50	20	N	20	N
3031	N	N	30	150	30	20	N	N	70	30	N	20	N
3032	N	N	15	70	20	N	N	N	30	15	N	15	N
3033	N	N	20	70	20	N	N	N	50	20	N	20	N
3034	N	N	20	70	20	N	N	N	50	15	N	20	N
3035	N	N	70	70	100	N	N	N	70	20	N	30	N
3036	N	N	30	150	50	30	N	N	70	50	N	30	N
3037	N	N	30	200	50	N	N	N	70	30	N	20	N
3038	N	N	50	300	70	N	N	N	100	30	N	30	N
3039	N	N	20	150	30	N	N	N	70	20	N	20	N
3040	N	N	20	150	30	<20	N	N	70	30	N	20	N
3041	N	N	20	100	30	N	N	N	70	20	N	20	N
3042	N	N	20	100	20	N	N	N	70	15	N	20	N
3043	N	N	20	150	20	N	N	N	70	10	N	20	N
3044	N	N	N	10	7	N	N	N	<5	30	N	N	N
3045	N	N	20	100	15	50	N	N	20	20	N	10	N
3046	N	N	20	150	50	N	N	N	70	20	N	20	N
3047	N	N	30	70	50	N	N	N	50	15	N	20	N
3048	N	N	20	150	30	N	N	N	70	20	N	20	N
3049	N	N	20	70	30	N	N	N	50	20	N	20	N
3050	N	N	20	100	20	<20	N	N	50	15	N	20	N
3051	N	N	20	100	20	<20	N	N	70	20	N	30	N
3052	N	N	20	70	30	N	N	N	50	15	N	20	N
3053	N	N	15	100	20	N	N	N	50	15	N	20	N
3054	N	N	20	100	50	20	N	N	70	20	N	20	N
3055	N	N	20	150	30	N	N	N	70	20	N	20	N
3056	N	N	7	100	10	N	N	N	50	10	N	10	N
3057	N	N	20	200	30	N	N	N	70	20	N	20	N
3058	N	N	20	100	30	N	N	N	50	15	N	15	N
3059	N	N	20	200	30	N	N	N	70	20	N	20	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
3015	300	100	N	70	N	>1,000	N	600	50	.10	N	4
3016	300	150	N	20	N	200	N	30	50	.50	N	N
3017	500	200	N	30	N	300	N	10	45	.10	N	N
3018	500	100	N	15	N	100	N	10	50	<.10	N	N
3019	500	200	N	20	N	500	N	<10	45	.10	N	N
3020	300	500	N	50	N	>1,000	N	<10	65	<.10	N	N
3021	500	200	N	20	N	500	N	<10	40	<.10	N	N
3022	300	200	N	30	N	300	N	<10	50	N	N	N
3023	500	150	N	20	N	150	N	<10	95	.10	N	N
3024	300	300	N	50	N	>1,000	N	<10	50	<.10	N	<2
3025	500	200	N	30	N	700	N	20	35	N	N	N
3026	200	150	N	20	N	200	N	10	25	<.10	N	N
3027	300	150	N	20	N	500	N	30	100	.10	N	N
3028	200	150	N	20	N	300	N	10	55	<.10	N	N
3029	100	150	N	15	N	70	N	10	65	<.10	N	N
3030	100	200	N	30	<200	150	N	10	85	.10	N	2
3031	100	150	N	30	<200	150	N	20	100	.10	N	2
3032	100	150	N	20	N	100	N	20	85	.10	N	4
3033	100	100	N	20	N	100	N	<10	70	.10	N	2
3034	200	150	N	20	N	100	N	10	75	<.10	N	<2
3035	300	200	N	20	N	100	N	10	75	.40	N	N
3036	200	200	N	30	<200	150	N	30	120	.20	N	N
3037	100	200	N	30	<200	150	N	20	140	.20	N	N
3038	<100	200	N	50	<200	150	N	30	160	.20	N	<2
3039	100	200	N	30	<200	150	N	20	130	.20	N	N
3040	200	200	N	50	<200	200	N	20	110	.30	N	2
3041	200	200	N	50	<200	200	N	20	120	.30	N	2
3042	150	200	N	50	N	150	N	50	70	.10	N	N
3043	200	200	N	30	N	300	N	20	65	.20	N	N
3044	200	70	N	50	N	200	N	10	25	.10	N	N
3045	300	500	N	50	N	>1,000	N	20	30	.10	N	N
3046	200	200	N	300	<200	150	N	10	110	.10	N	N
3047	200	200	N	30	N	150	N	10	120	.30	N	N
3048	200	200	N	50	N	150	N	10	90	.10	N	4
3049	200	200	N	30	N	100	N	<10	90	.10	N	N
3050	200	150	N	20	N	150	N	10	90	<.10	N	N
3051	200	200	N	20	N	150	N	20	110	.10	N	N
3052	150	150	N	20	N	100	N	10	90	.20	N	N
3053	150	150	N	20	N	200	N	10	70	.10	N	N
3054	150	150	N	30	<200	100	N	10	120	.20	N	2
3055	200	200	N	30	N	150	N	10	100	.30	N	N
3056	N	100	N	10	N	70	N	10	60	.10	N	N
3057	N	150	N	20	N	100	N	20	120	.10	N	4
3058	N	150	N	15	N	70	N	20	110	.10	N	2
3059	100	200	N	20	N	200	N	10	110	.10	N	<2

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3060	61 20 41	148 43 9	5.0	1.5	.50	.50	700	N	N	N	150	700	2.0
3061	61 21 40	148 43 38	3.0	1.0	.30	.30	700	N	N	N	100	500	<1.0
3062	61 13 54	148 35 25	5.0	1.5	.50	.50	700	N	N	N	100	1,000	1.5
3063	61 5 30	148 46 20	5.0	1.5	.30	.50	700	N	N	N	150	1,000	1.5
3064	61 12 50	148 41 15	5.0	1.5	.30	.50	700	N	N	N	100	1,000	1.5
3065	61 22 19	148 43 20	5.0	1.5	.70	.50	700	N	N	N	100	1,000	1.0
3066	61 26 15	148 51 32	3.0	1.0	.70	.30	700	N	N	N	100	500	1.0
3067	61 19 0	148 47 31	2.0	1.0	.50	.30	500	N	N	N	50	500	1.0
3068	61 21 12	148 49 41	2.0	1.0	.70	.50	500	N	N	N	70	500	<1.0
3069	61 22 37	148 52 7	5.0	1.5	.70	.50	700	N	N	N	70	500	<1.0
3070	61 22 20	148 50 1	5.0	1.0	.70	.50	500	N	N	N	100	500	<1.0
3071	61 28 58	149 6 35	5.0	1.5	1.00	.70	700	N	N	N	70	500	<1.0
3072	61 23 57	149 7 35	3.0	.7	3.00	.30	500	N	N	N	100	500	<1.0
3073	61 22 36	149 1 5	5.0	1.0	.30	.50	500	N	N	N	100	500	1.0
3074	61 23 22	148 57 39	5.0	1.0	.20	.50	700	N	N	N	150	700	1.0
3075	61 19 10	149 2 12	5.0	1.0	.20	.50	700	<.5	N	N	150	500	<1.0
3076	61 19 7	149 1 58	5.0	1.0	.20	.50	700	N	N	N	150	700	<1.0
3077	61 24 38	149 7 58	3.0	.5	.20	.30	700	N	N	N	100	500	<1.0
3078	61 24 56	148 59 49	5.0	1.0	.20	.50	1,000	N	N	N	150	700	1.0
3079	61 26 2	149 10 16	5.0	1.0	.50	.50	1,000	N	N	N	100	500	<1.0
3080	61 25 51	149 12 37	3.0	.7	.30	.30	500	N	N	N	100	300	<1.0
3081	61 21 54	149 6 55	5.0	.7	.20	.50	500	N	N	N	100	500	<1.0
3082	61 24 54	149 16 39	5.0	1.0	.20	.50	700	N	N	N	150	700	<1.0
3083	61 26 58	149 22 0	3.0	1.0	.50	.30	500	N	N	N	70	300	<1.0
3084	61 16 27	149 5 15	2.0	1.0	1.00	.30	700	N	N	N	50	500	1.0
3085	61 16 24	149 8 24	5.0	2.0	2.00	.50	1,000	N	N	N	70	700	1.0
3086	61 16 25	149 8 12	3.0	1.0	1.00	.50	500	N	N	N	30	300	N
3087	61 17 6	149 9 22	2.0	1.0	1.00	.50	500	N	N	N	50	500	N
3088	61 18 35	149 12 26	5.0	1.0	1.00	.50	700	N	N	N	70	500	<1.0
3089	61 19 55	149 17 2	3.0	1.0	.20	.50	500	N	N	N	100	500	<1.0
3090	61 19 55	149 16 45	5.0	1.5	.70	.50	500	N	N	N	70	500	<1.0
3091	61 20 40	149 18 25	5.0	1.0	.50	.50	500	N	N	N	70	500	<1.0
3092	61 20 45	149 18 17	5.0	1.0	1.00	.50	700	N	N	N	100	500	<1.0
3093	61 23 2	149 16 37	3.0	1.0	.30	.50	500	N	N	N	100	300	<1.0
3094	61 19 32	149 28 4	5.0	1.0	.50	.50	500	N	N	N	100	500	<1.0
3095	61 14 33	148 58 20	5.0	1.0	1.00	.50	700	N	N	N	100	300	<1.0
3096	61 11 58	149 7 19	5.0	1.0	1.50	.50	700	N	N	N	150	500	N
3097	61 7 37	149 6 40	5.0	1.5	.70	.30	700	N	N	N	100	700	1.0
3098	61 7 35	149 9 18	5.0	1.0	.50	.50	1,000	N	N	N	150	700	1.5
3099	61 9 24	149 7 58	5.0	1.5	.30	.50	700	N	N	N	100	1,000	1.0
3100	61 11 45	149 12 8	3.0	1.5	.70	.30	700	N	N	N	50	500	<1.0
3101	61 12 57	149 17 22	5.0	1.0	.50	.50	1,000	N	N	N	70	700	1.0
3102	61 15 35	149 16 7	3.0	1.5	1.00	.30	1,000	N	N	N	50	500	<1.0
3103	61 15 45	149 25 14	3.0	1.0	.50	.50	700	.5	N	N	50	500	1.0
3104	61 10 6	149 22 26	5.0	3.0	1.50	1.00	1,000	N	N	N	70	500	2.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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 m	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s
3060	N	N	30	100	30	20	N	N	70	20	N	20	N
3061	N	N	20	100	30	N	N	N	50	15	N	20	N
3062	N	N	20	150	30	N	N	N	70	20	N	20	N
3063	N	N	20	100	30	<20	N	N	50	20	N	30	N
3064	N	N	20	150	30	N	N	N	70	20	N	20	N
3065	N	N	20	150	20	N	N	N	70	15	N	20	N
3066	N	N	20	100	20	N	N	N	50	20	N	15	N
3067	N	N	15	100	20	N	N	N	50	10	N	15	N
3068	N	N	20	100	20	N	N	N	50	15	N	20	N
3069	N	N	30	150	30	N	N	N	50	15	N	20	N
3070	N	N	20	200	30	N	N	N	50	20	N	20	N
3071	N	N	20	100	30	N	N	N	30	20	N	20	N
3072	N	N	15	70	10	N	N	N	50	15	N	15	N
3073	N	N	20	150	30	N	N	N	70	20	N	20	N
3074	N	N	30	150	30	N	N	N	70	20	N	20	N
3075	N	N	30	100	50	N	N	N	70	30	N	20	N
3076	N	N	30	100	30	N	N	N	70	20	N	20	N
3077	N	N	20	100	30	N	N	N	50	20	N	15	N
3078	N	N	30	150	50	20	N	N	70	20	N	20	N
3079	N	N	30	70	30	N	N	N	50	20	N	20	N
3080	N	N	15	150	20	N	N	N	30	15	N	15	N
3081	N	N	20	100	30	N	N	N	50	20	N	15	N
3082	N	N	30	100	50	N	N	N	50	20	N	20	N
3083	N	N	20	300	20	N	N	N	150	15	N	15	N
3084	N	N	20	100	20	N	N	N	30	15	N	20	N
3085	N	N	30	100	30	N	<5	N	30	20	N	20	N
3086	N	N	20	150	20	N	N	N	20	10	N	20	N
3087	N	N	20	70	20	N	N	N	30	10	N	20	N
3088	N	N	20	150	20	N	N	N	30	15	N	20	N
3089	N	N	20	100	30	N	N	N	50	20	N	20	N
3090	N	N	20	100	30	N	N	N	50	15	N	20	N
3091	N	N	20	100	20	N	N	N	50	15	N	20	N
3092	N	N	20	150	20	N	N	N	50	15	N	20	N
3093	N	N	15	200	20	N	N	N	50	20	N	20	N
3094	N	N	20	200	20	N	N	N	50	20	N	20	N
3095	N	N	20	70	30	N	N	N	50	20	N	20	N
3096	N	N	30	70	20	N	N	N	50	15	N	20	N
3097	N	N	20	100	30	N	N	N	70	20	N	20	N
3098	N	N	20	70	30	N	N	N	70	30	N	15	N
3099	N	N	20	100	30	N	N	N	70	20	N	20	N
3100	N	N	30	150	20	N	N	N	30	15	N	20	N
3101	N	N	50	200	20	N	N	N	50	20	N	20	N
3102	N	N	30	70	20	N	N	N	30	20	N	20	N
3103	N	N	30	100	20	N	N	N	30	100	N	20	N
3104	N	N	50	500	30	N	N	N	70	20	N	30	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
3060	100	200	N	30	N	150	N	10	100	.10	N	4
3061	100	150	N	20	N	100	N	10	95	.10	N	2
3062	150	150	N	30	N	150	N	10	80	.10	N	N
3063	150	200	N	50	N	150	N	10	65	.10	N	N
3064	100	200	N	30	N	150	N	10	95	.10	N	N
3065	150	200	N	30	N	200	N	10	85	.10	N	N
3066	150	150	N	20	N	150	N	10	110	.30	N	N
3067	200	100	N	10	N	100	N	10	75	.10	N	N
3068	200	150	N	15	N	100	N	10	75	.10	N	N
3069	200	150	N	20	N	100	N	<10	95	.10	N	N
3070	200	150	N	20	N	150	N	10	80	.10	N	N
3071	200	150	N	20	N	500	N	10	85	.10	N	N
3072	300	100	N	20	N	100	N	<10	35	<.10	N	N
3073	<100	150	N	20	N	100	N	20	140	.20	N	4
3074	<100	200	N	20	N	150	N	20	160	.20	N	4
3075	100	200	N	20	N	100	N	30	170	.40	N	2
3076	100	200	N	20	N	100	N	20	140	.20	N	N
3077	100	150	N	15	N	100	N	20	120	.20	N	N
3078	100	200	N	20	N	150	N	30	150	.20	N	4
3079	200	200	N	15	N	100	N	10	110	.10	N	N
3080	150	150	N	15	N	100	N	10	85	.10	N	N
3081	N	150	N	20	N	100	N	50	1,020	.20	N	N
3082	200	200	N	20	N	150	N	20	110	.10	N	N
3083	100	150	N	10	N	100	N	20	90	.10	N	N
3084	300	150	N	20	N	100	N	10	90	.10	N	N
3085	500	300	N	30	N	150	N	10	70	.10	N	N
3086	300	200	N	20	N	100	N	<10	65	.10	N	N
3087	300	200	N	20	N	100	N	10	70	<.10	N	N
3088	300	200	N	20	N	300	N	10	75	<.10	N	N
3089	N	200	N	20	N	100	N	20	120	.10	N	2
3090	300	200	N	20	N	100	N	10	85	<.10	N	N
3091	150	200	N	20	N	100	N	10	110	.10	N	N
3092	300	200	N	20	N	100	N	10	85	<.10	N	N
3093	100	200	N	15	N	200	N	10	110	.10	N	N
3094	100	200	N	20	N	100	N	10	100	.20	N	N
3095	300	200	N	20	N	150	N	10	75	.10	N	N
3096	500	200	N	15	N	100	N	<10	75	.10	N	N
3097	100	200	N	20	N	150	N	20	90	.10	N	N
3098	100	200	N	20	N	100	N	20	110	.20	N	4
3099	150	200	N	20	N	200	N	10	100	.10	N	2
3100	200	200	N	20	N	100	N	N	110	<.10	N	N
3101	200	200	N	20	N	100	N	N	180	.20	N	N
3102	500	200	N	20	N	100	N	N	110	N	N	N
3103	300	200	N	30	N	100	N	20	150	.40	N	2
3104	500	200	N	50	N	150	N	N	150	.10	N	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3105	61 1 38	149 1 0	5.0	1.5	.30	.70	1,000	N	N	N	100	700	1.5
3106	61 1 36	149 1 10	5.0	1.5	.20	.70	1,000	N	N	N	150	700	1.5
3107	61 1 38	149 6 55	5.0	2.0	.70	.70	1,500	.5	N	N	150	1,000	1.5
3108	61 5 51	149 0 50	3.0	1.0	.50	.50	700	N	N	N	100	500	<1.0
3109	61 3 16	149 15 43	3.0	1.0	.50	.50	1,000	N	N	N	100	700	1.0
3110	61 3 11	149 15 48	5.0	1.5	.50	.50	1,000	N	N	N	100	1,000	1.5
3111	61 4 4	149 13 21	5.0	1.5	.70	.50	1,500	<.5	N	N	100	1,000	1.0
3112	61 1 28	149 18 36	2.0	1.0	.50	.30	700	N	N	N	70	700	<1.0
3113	61 1 33	149 21 50	3.0	1.5	1.50	.50	1,500	N	N	N	50	700	1.0
3114	61 1 36	149 16 29	3.0	2.0	.70	.50	1,500	N	N	N	70	1,000	1.5
3115	61 6 5	149 17 4	5.0	2.0	1.00	.70	1,500	N	N	N	150	1,000	1.5
3116	61 5 57	149 19 6	3.0	1.0	.50	.50	1,500	N	N	N	100	700	<1.0
3117	61 6 41	149 22 42	5.0	1.5	.70	.70	1,500	N	N	N	100	700	1.0
3118	61 6 33	149 22 52	3.0	1.5	.50	.70	1,500	N	N	N	100	1,000	1.0
3119	61 7 23	149 25 37	5.0	3.0	1.50	.50	1,500	N	N	N	50	700	1.0
3120	61 7 23	149 26 6	5.0	3.0	2.00	1.00	1,500	N	N	N	50	1,000	2.0
3121	61 11 47	149 31 37	5.0	2.0	1.50	.70	1,500	N	N	N	50	500	<1.0
3122	61 6 54	149 27 32	5.0	3.0	1.00	.70	1,500	N	N	N	50	700	1.0
3123	61 6 3	149 28 17	5.0	2.0	.50	.50	1,000	N	N	N	70	1,000	<1.0
3124	61 2 19	149 29 17	5.0	2.0	.70	.70	1,500	N	N	N	100	700	1.0
3125	61 2 22	149 29 24	7.0	2.0	1.00	1.00	1,500	N	N	N	100	1,500	1.0
3126	61 2 1	149 30 43	5.0	2.0	1.00	.50	2,000	N	N	N	150	500	1.0
3127	60 58 12	149 20 0	5.0	2.0	.50	.50	1,500	N	N	N	100	1,000	1.0
3128	60 58 19	149 13 15	5.0	2.0	.50	.50	1,500	N	N	N	100	1,000	1.0
3129	60 58 40	149 19 0	5.0	2.0	.50	.50	1,000	N	N	N	100	1,000	1.0
3130	61 7 26	149 0 10	5.0	2.0	.30	.50	1,000	N	N	N	150	1,000	1.0
3131	61 4 48	149 7 34	5.0	2.0	.30	.50	1,000	N	N	N	100	1,000	1.0
3132	61 4 46	149 7 26	5.0	2.0	.70	.70	1,500	N	N	N	100	1,500	1.5
3133	61 7 0	149 10 59	5.0	1.5	.30	.50	1,000	N	N	N	150	1,500	1.0
3134	61 7 8	148 47 55	5.0	1.5	.30	.50	1,000	N	N	N	100	1,000	1.5
3135	61 5 5	148 47 52	5.0	2.0	.20	.50	1,000	N	N	N	150	1,000	1.0
3136	61 5 28	148 38 35	5.0	2.0	.30	.50	1,500	N	N	N	150	1,500	1.0
3137	61 5 26	148 38 59	5.0	1.5	.15	.50	1,000	N	N	N	100	1,000	<1.0
3138	61 6 58	147 0 23	5.0	1.5	.50	.50	1,000	N	N	N	100	1,500	2.0
3139	61 7 18	147 0 28	3.0	1.5	.30	.50	700	N	N	N	100	1,500	1.5
3140	61 7 39	147 5 40	3.0	2.0	1.00	.50	1,000	N	N	N	70	1,500	2.0
3141	61 5 59	147 20 59	2.0	1.5	.15	.50	1,000	.7	N	N	70	700	1.5
3142	61 3 24	147 6 7	3.0	1.5	.50	.50	1,000	N	N	N	100	1,500	1.5
3143	61 0 39	147 8 13	3.0	1.5	.50	.50	2,000	N	N	N	200	1,000	2.0
3144	61 13 9	147 1 45	2.0	1.5	.50	.30	700	N	N	N	100	1,000	1.0
3145	61 4 14	147 5 59	3.0	1.0	.50	.50	1,000	N	N	N	150	1,000	1.5
3146	61 4 35	147 11 27	1.0	.7	.20	.20	300	N	N	N	20	700	2.0
3147	61 5 8	147 24 23	2.0	1.5	.20	.50	1,500	<.5	N	N	50	700	2.0
3148	61 9 45	148 4 32	5.0	1.5	.20	.70	1,000	<.5	N	N	150	1,000	2.0
3149	61 7 40	148 16 47	3.0	1.5	1.00	.50	1,500	N	N	N	100	1,500	2.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3105	N	N	30	150	30	N	N	N	50	15	N	30	N
3106	N	N	50	150	30	N	N	N	70	20	N	30	N
3107	N	N	50	200	200	N	N	N	70	100	N	50	N
3108	N	N	20	100	15	N	N	N	50	15	N	20	N
3109	N	N	30	100	20	N	N	N	50	20	N	20	N
3110	N	N	20	150	20	N	N	N	50	20	N	20	N
3111	N	N	30	150	30	N	N	N	50	30	N	30	N
3112	N	N	20	100	15	N	N	N	50	20	N	15	N
3113	N	N	30	70	20	N	N	N	30	20	N	20	N
3114	N	N	50	150	20	100	N	N	70	30	N	30	N
3115	N	N	50	100	30	N	N	N	50	20	N	30	N
3116	N	N	30	70	20	N	N	N	30	20	N	15	N
3117	N	N	30	100	20	N	N	N	50	20	N	30	N
3118	N	N	30	150	20	N	N	N	50	20	N	20	N
3119	N	N	50	2,000	30	N	N	N	200	20	N	30	N
3120	N	N	50	1,000	20	N	N	N	150	20	N	30	N
3121	N	N	30	100	30	N	N	N	30	20	N	20	N
3122	N	N	30	300	20	N	N	N	50	20	N	30	N
3123	N	N	30	300	20	N	5	N	100	15	N	20	N
3124	N	N	30	150	20	N	N	N	50	20	N	20	N
3125	N	N	30	300	30	N	N	N	50	20	N	30	N
3126	N	N	30	70	20	N	N	N	30	15	N	20	N
3127	N	N	30	200	20	N	N	N	50	30	N	30	N
3128	N	N	30	200	30	N	N	N	70	30	N	20	N
3129	N	N	30	200	20	N	N	N	50	30	N	20	N
3130	N	N	30	150	30	N	N	N	50	20	N	20	N
3131	N	N	30	200	30	N	N	N	50	20	N	20	N
3132	N	N	20	200	30	N	N	N	50	20	N	20	N
3133	N	N	20	300	20	N	N	N	50	20	N	20	N
3134	N	N	20	200	50	N	N	N	70	20	N	30	N
3135	N	N	50	200	50	N	N	N	70	20	N	30	N
3136	N	N	30	200	50	N	N	N	70	20	N	30	N
3137	N	N	20	200	30	N	N	N	50	15	N	20	N
3138	N	N	30	150	30	N	N	N	50	20	N	30	N
3139	N	N	30	100	30	N	N	N	50	20	N	30	N
3140	N	N	30	200	20	N	N	N	70	30	N	30	N
3141	N	N	30	200	150	N	N	N	50	20	N	20	N
3142	N	N	20	150	20	N	N	N	70	20	N	20	N
3143	N	N	30	150	20	N	N	N	50	50	N	20	<10
3144	N	N	30	200	30	N	N	N	70	30	N	20	N
3145	N	N	30	100	30	N	N	N	70	20	N	20	N
3146	N	N	5	10	5	150	N	N	N	20	N	10	10
3147	N	N	20	50	30	N	N	N	50	30	N	20	N
3148	N	N	30	150	50	N	N	N	70	30	N	30	N
3149	N	N	30	200	30	N	N	N	70	20	N	30	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
3105	200	200	N	30	N	100	N	N	120	N	N	2
3106	150	200	N	50	N	100	N	N	150	N	N	2
3107	200	200	N	50	N	100	N	N	160	.30	2	4
3108	200	150	N	20	N	100	N	N	80	N	N	N
3109	200	200	N	30	N	100	N	N	130	.10	N	N
3110	200	200	N	30	N	100	N	N	100	.10	N	N
3111	300	200	N	30	<200	100	N	10	170	.30	N	2
3112	200	100	N	20	N	100	N	10	80	.10	N	4
3113	500	200	N	20	N	100	N	N	110	.20	2	N
3114	300	200	N	50	N	100	N	30	140	.10	N	2
3115	500	200	N	30	N	100	N	N	120	N	N	N
3116	200	150	N	20	N	100	N	N	140	<.10	N	N
3117	300	200	N	20	N	100	N	N	120	N	N	2
3118	300	200	N	30	N	100	N	N	120	.10	N	N
3119	300	200	N	20	N	100	N	N	110	.10	N	N
3120	500	200	N	30	N	150	N	N	120	.20	N	N
3121	500	200	N	20	N	70	N	N	90	N	N	N
3122	500	200	N	20	N	150	N	N	110	N	N	N
3123	150	200	N	20	N	100	N	N	120	.20	2	N
3124	300	200	N	20	<200	150	N	N	120	N	N	N
3125	300	200	N	20	N	200	N	N	110	N	N	2
3126	300	200	N	20	N	100	N	N	100	N	2	N
3127	200	200	N	30	N	100	N	30	140	N	2	N
3128	300	200	N	30	N	100	N	50	150	<.10	N	N
3129	300	200	N	50	N	100	N	30	130	.10	N	N
3130	200	200	N	30	N	150	N	<10	110	N	N	N
3131	200	200	N	30	N	100	N	10	120	N	N	2
3132	200	200	N	30	N	150	N	20	90	N	N	2
3133	200	200	N	50	N	150	N	10	110	<.10	N	N
3134	200	200	N	50	N	200	N	20	160	N	2	2
3135	100	200	N	50	N	200	N	10	140	N	N	N
3136	200	200	N	30	N	150	N	10	160	N	N	N
3137	<100	200	N	20	N	100	N	N	150	N	N	N
3138	200	200	N	30	<200	150	N	10	85	.20	N	N
3139	200	200	N	30	<200	100	N	10	100	.40	N	2
3140	500	200	N	50	<200	100	N	<10	80	.10	N	N
3141	200	150	N	20	200	200	N	20	95	.20	N	N
3142	300	150	N	20	N	200	N	10	70	.20	N	N
3143	300	200	N	30	200	100	N	20	120	.30	N	N
3144	300	150	N	20	N	100	N	20	100	.30	N	6
3145	200	200	N	30	<200	100	N	20	95	.20	N	N
3146	200	50	N	100	N	500	N	10	25	.10	N	N
3147	200	150	N	30	N	200	N	20	80	.20	N	N
3148	200	200	N	50	<200	150	N	10	120	.20	N	N
3149	500	200	N	30	<200	100	N	10	90	.30	N	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3150	61 6 40	148 16 33	3.0	1.5	.70	.50	1,000	N	N	N	70	1,000	2.0
3151	60 59 52	148 14 34	5.0	1.5	.30	.50	1,000	N	N	N	100	1,500	2.0
3152	61 19 40	147 35 24	3.0	1.0	.20	.50	1,000	N	N	N	100	1,000	2.0
3153	61 21 19	147 32 17	7.0	2.0	.70	.70	1,000	<.5	N	N	150	1,500	2.0
3154	61 22 20	147 32 47	7.0	2.0	.30	.70	700	<.5	N	N	150	1,000	2.0
3155	61 11 29	147 29 4	3.0	1.5	.50	.70	700	N	N	N	100	1,000	1.5
3156	61 9 14	147 31 32	5.0	1.5	.50	.50	700	N	N	N	100	1,000	2.0
3157	61 7 18	147 28 27	3.0	2.0	.70	.50	700	N	N	N	100	1,000	2.0
3158	61 4 48	147 30 22	5.0	2.0	1.00	.70	1,000	N	N	N	100	1,000	2.0
3159	61 2 12	147 38 51	3.0	1.5	.70	.70	1,000	N	N	N	70	1,000	2.0
3160	61 0 21	147 24 2	5.0	1.5	.50	.50	1,000	N	N	N	50	1,000	2.0
3161	60 59 58	147 16 45	3.0	1.5	.70	.50	1,000	N	N	N	50	1,000	3.0
3162	61 15 49	147 34 18	5.0	1.5	.20	.50	1,000	<.5	N	N	100	1,000	2.0
3163	61 34 2	148 27 6	5.0	2.0	.50	.50	1,000	N	N	N	100	1,000	N
3164	61 30 25	148 21 2	5.0	2.0	1.00	.50	1,000	N	N	N	100	1,000	<1.0
3165	61 29 5	148 23 50	5.0	2.0	.50	.70	1,000	N	N	N	200	1,500	1.0
3166	61 28 27	148 21 47	5.0	2.0	.70	.50	1,000	N	N	N	100	1,000	<1.0
3167	61 15 54	148 44 47	5.0	2.0	.20	.50	1,000	N	N	N	200	1,500	<1.0
3168	61 10 49	148 48 4	5.0	3.0	.30	.50	1,000	N	N	N	200	1,000	<1.0
3169	61 20 3	148 34 26	5.0	2.0	.70	.50	1,000	N	N	N	200	1,000	<1.0
3170	61 22 58	148 45 28	5.0	2.0	.50	.50	1,000	N	N	N	200	1,500	1.0
3171	61 30 34	148 14 24	5.0	2.0	.70	.50	1,000	N	N	N	150	1,500	1.0
3172	61 30 48	148 14 20	5.0	3.0	.50	.50	1,000	N	N	N	100	1,000	1.0
3173	61 29 37	148 2 19	5.0	2.0	.50	.50	1,000	N	N	N	100	2,000	1.0
3174	61 21 36	149 2 3	5.0	2.0	.20	.50	1,000	N	N	N	200	1,500	<1.0
3175	61 28 8	148 37 6	5.0	2.0	.20	.50	700	N	N	N	150	1,500	1.0
3176	61 41 7	149 32 40	5.0	2.0	1.00	.50	700	N	N	N	50	1,000	<1.0
3177	61 40 27	149 29 24	5.0	2.0	1.00	.50	700	N	N	N	50	1,000	<1.0
3178	61 40 27	149 29 16	7.0	3.0	.50	.70	1,500	N	N	N	100	2,000	<1.0
3179	61 42 26	149 18 43	5.0	2.0	1.00	.50	1,000	N	N	N	200	1,000	<1.0
3180	61 48 58	148 35 25	7.0	2.0	1.50	1.00	1,000	N	N	N	200	700	N
3181	61 49 49	148 25 15	5.0	3.0	1.00	.70	1,000	N	N	N	100	1,000	<1.0
3182	61 55 15	148 7 45	5.0	1.5	1.00	.50	1,000	N	N	N	100	700	<1.0
3183	61 45 33	148 23 43	5.0	3.0	2.00	.70	1,000	N	N	N	200	1,500	<1.0
3184	61 50 36	147 54 21	10.0	2.0	1.50	1.00	1,000	N	N	N	50	2,000	N
3185	61 48 55	147 42 50	10.0	5.0	2.00	>1.00	1,000	N	N	N	200	2,000	N
3186	61 53 46	147 36 11	7.0	2.0	1.00	.70	1,000	N	N	N	100	2,000	<1.0
3187	61 7 10	149 0 40	5.0	2.0	.50	.50	1,000	N	N	N	200	1,500	1.0
3188	61 7 22	148 47 55	5.0	2.0	.20	.50	1,000	<.5	N	N	200	1,500	1.0
3189	61 5 28	148 48 34	7.0	2.0	.30	.50	1,000	N	N	N	200	2,000	1.0
3190	61 17 24	149 9 53	7.0	2.0	1.00	.50	1,000	N	N	N	100	1,500	<1.0
3191	61 14 32	149 6 22	7.0	3.0	2.00	.50	1,000	N	N	N	100	1,500	<1.0
3192	61 1 8	149 7 22	7.0	2.0	.10	.50	1,000	N	N	N	200	1,500	<1.0
3193	61 1 56	149 38 56	5.0	2.0	.70	.50	1,000	N	N	N	100	1,500	<1.0
3194	61 1 2	149 43 42	7.0	2.0	1.00	.50	1,000	N	N	N	100	1,500	<1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3150	N	N	20	150	30	N	N	N	50	20	N	30	N
3151	N	N	30	200	30	N	N	N	70	30	N	30	N
3152	N	N	20	70	30	N	N	N	50	20	N	20	N
3153	N	N	30	200	30	30	N	N	70	30	N	50	N
3154	N	N	50	200	50	70	N	N	70	30	N	50	N
3155	N	N	30	100	20	50	N	N	50	20	N	20	N
3156	N	N	20	100	20	30	N	N	50	20	N	30	N
3157	N	N	20	200	20	N	N	N	70	15	N	20	N
3158	N	N	30	200	30	30	N	N	70	20	N	30	N
3159	N	N	20	150	20	N	N	N	50	20	N	20	N
3160	N	N	30	70	50	N	N	N	50	30	N	20	N
3161	N	N	20	50	15	<20	5	N	20	20	N	20	N
3162	N	N	30	100	50	N	N	N	70	20	N	20	N
3163	N	N	50	150	100	N	N	N	100	50	N	20	N
3164	N	N	30	200	70	100	N	N	100	70	N	20	N
3165	N	N	30	200	100	50	N	N	100	70	N	30	N
3166	N	N	20	200	70	20	N	N	50	50	N	20	N
3167	N	N	30	200	100	20	N	N	50	100	N	20	N
3168	N	N	20	200	100	N	N	N	50	70	N	20	N
3169	N	N	20	200	100	<20	N	N	50	100	N	30	N
3170	N	N	30	200	100	<20	N	N	50	70	N	30	N
3171	N	N	30	150	100	20	N	N	50	70	N	20	N
3172	N	N	30	150	100	<20	N	N	50	70	N	20	N
3173	N	N	30	150	100	<20	N	N	50	70	N	20	N
3174	N	N	30	200	100	20	N	N	70	70	N	20	N
3175	N	N	30	200	100	N	N	N	70	70	N	20	N
3176	N	N	20	100	70	N	N	N	20	50	N	20	N
3177	N	N	20	150	50	N	N	N	20	50	N	20	N
3178	N	N	50	200	100	70	N	N	100	100	N	20	N
3179	N	N	20	100	100	N	5	N	20	50	N	20	N
3180	N	N	30	100	100	N	N	N	15	20	N	50	N
3181	N	N	50	200	70	20	N	N	100	50	N	30	N
3182	N	N	20	50	50	N	N	N	15	15	N	20	N
3183	N	N	50	500	100	N	N	N	70	50	N	50	N
3184	N	N	50	200	150	N	N	N	20	50	N	50	N
3185	N	N	100	500	100	N	N	N	150	100	N	50	N
3186	N	N	30	200	70	N	N	N	50	70	N	30	N
3187	N	N	20	150	70	N	5	<20	70	50	N	20	N
3188	N	N	20	200	100	20	5	N	70	50	N	20	N
3189	N	N	20	200	70	<20	N	N	50	50	N	20	N
3190	N	N	30	100	70	N	5	N	50	50	N	20	N
3191	N	N	30	150	70	N	<5	N	20	30	N	20	N
3192	N	N	50	200	100	20	<5	<20	100	70	N	20	N
3193	N	N	20	100	50	N	10	N	20	30	N	20	N
3194	N	N	20	150	70	N	N	N	20	70	N	20	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
3150	300	200	N	30	<200	100	N	10	80	.20	N	N
3151	300	200	N	30	<200	100	N	50	70	.20	N	N
3152	200	200	N	30	<200	100	N	20	75	.20	N	N
3153	300	300	N	50	<200	200	N	20	95	.20	N	N
3154	200	200	N	70	<200	200	N	50	110	.30	N	N
3155	300	200	N	30	N	150	N	30	100	.20	N	N
3156	300	200	N	20	N	150	N	20	65	.20	N	N
3157	300	200	N	20	N	200	N	20	65	.10	N	N
3158	300	200	N	50	N	150	N	40	75	.10	N	N
3159	500	200	N	30	N	100	N	20	70	.20	N	N
3160	300	200	N	30	<200	100	N	30	160	.30	N	N
3161	200	150	N	70	N	300	N	20	50	.20	N	N
3162	200	200	N	30	<200	150	N	80	120	.30	N	10
3163	200	200	N	50	<200	200	N	40	120	.10	N	N
3164	500	200	N	50	<200	300	N	20	90	.10	N	N
3165	300	200	N	70	200	200	N	20	120	.10	N	N
3166	300	200	N	50	<200	200	N	40	90	<.10	N	N
3167	200	200	N	50	<200	200	N	20	100	.10	N	N
3168	200	200	N	50	<200	200	N	10	95	.10	N	N
3169	300	200	N	50	<200	200	N	--	--	--	--	--
3170	500	200	N	70	<200	200	N	10	110	.10	N	N
3171	500	200	N	70	<200	200	N	30	110	.20	N	N
3172	500	200	N	70	<200	200	N	50	110	.20	N	N
3173	500	200	N	70	200	200	N	40	140	.20	N	N
3174	500	200	N	70	200	200	N	20	140	.20	N	2
3175	200	200	N	50	N	200	N	20	110	.20	N	N
3176	700	200	N	50	N	500	N	10	50	.20	N	N
3177	700	200	N	50	N	500	N	10	45	<.10	N	N
3178	500	200	N	70	<200	200	N	170	30	.30	N	2
3179	500	200	N	70	N	500	N	20	60	<.10	N	N
3180	500	500	N	70	<200	1,000	N	<10	45	<.10	N	N
3181	500	200	N	50	<200	200	N	<10	95	.20	N	N
3182	500	200	N	50	N	200	N	20	110	.10	N	N
3183	500	300	N	50	<200	200	N	20	100	.10	N	N
3184	500	500	N	50	700	200	N	20	300	.10	N	N
3185	500	700	N	50	500	200	N	20	120	.10	N	N
3186	500	300	N	50	<200	200	N	10	100	.10	N	N
3187	500	200	N	50	<200	150	N	<10	95	<.10	N	N
3188	300	200	N	50	<200	200	N	<10	95	.10	N	N
3189	300	200	N	50	<200	200	N	10	80	<.10	N	N
3190	500	200	N	50	<200	200	N	10	95	.10	N	<2
3191	1,000	200	N	50	<200	150	N	<10	60	<.10	N	<2
3192	200	300	N	50	<200	200	N	60	140	.30	N	<2
3193	500	200	N	20	<200	100	N	<10	70	.10	N	<2
3194	500	200	N	30	<200	150	N	N	80	.10	N	<2

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3195	61 5 48	149 45 2	7.0	2.0	1.00	.70	1,500	N	N	N	100	1,500	<1.0
3196	61 4 57	149 45 5	5.0	2.0	.70	.70	1,000	N	N	N	100	1,500	N
3197	61 0 2	149 38 23	7.0	3.0	1.00	.70	1,500	N	N	N	100	2,000	1.0
3198	61 15 5	149 31 18	7.0	3.0	1.00	1.00	1,500	N	N	N	200	2,000	<1.0
4000	61 55 6	148 56 29	5.0	2.0	2.00	.50	700	N	N	N	<10	150	N
4001	61 55 32	149 0 29	5.0	2.0	2.00	.50	700	N	N	N	30	500	1.0
4002	61 58 59	149 0 56	3.0	1.0	2.00	.30	500	N	N	N	50	300	N
4003	61 54 20	149 10 38	7.0	1.5	2.00	.50	700	N	N	N	15	500	<1.0
4004	61 56 26	149 3 3	5.0	1.5	2.00	.50	700	N	N	N	30	500	<1.0
4005	61 52 15	149 11 7	5.0	2.0	2.00	.50	1,000	N	N	N	10	500	<1.0
4006	61 57 39	149 12 46	5.0	1.5	2.00	.50	700	N	N	N	10	500	<1.0
4007	61 58 49	149 8 19	7.0	2.0	2.00	.70	1,000	N	N	N	<10	200	N
4008	61 56 23	149 20 5	10.0	2.0	2.00	.50	1,000	N	N	N	20	500	N
4009	62 1 46	149 14 45	10.0	1.5	1.50	.30	700	N	N	N	<10	200	N
4010	61 45 40	149 21 11	3.0	1.0	.70	.50	500	N	N	N	100	500	N
4011	61 45 31	149 25 46	5.0	1.0	.70	.70	1,500	N	N	N	200	300	N
4012	61 45 40	149 29 39	5.0	1.0	.70	.50	1,000	N	N	N	150	700	N
4013	61 59 59	149 19 55	7.0	1.0	1.00	.30	700	N	N	N	10	700	<1.0
4014	62 0 42	149 26 30	2.0	.7	1.00	.20	500	N	N	N	<10	700	1.0
4015	61 59 58	149 32 16	5.0	.2	.70	.30	700	N	N	N	<10	500	1.0
4016	61 56 45	149 35 41	.5	1.0	1.00	.50	700	N	N	N	20	500	1.0
4017	61 56 41	149 35 33	1.5	.5	1.00	.20	500	N	N	N	10	500	1.0
4018	61 54 56	149 32 48	5.0	1.5	2.00	.30	700	N	N	N	20	500	1.0
4019	61 49 51	149 43 11	7.0	1.5	1.50	.70	1,000	N	N	N	<10	500	<1.0
4020	61 56 32	149 46 6	5.0	1.0	1.50	.30	1,000	N	N	N	20	500	1.0
4021	61 51 10	149 34 16	3.0	1.0	1.00	.30	500	N	N	N	20	200	N
4022	61 51 5	149 34 3	10.0	1.0	1.00	.50	700	N	N	N	20	300	N
4023	61 52 8	149 22 43	2.0	1.5	1.50	.30	500	N	N	N	20	500	N
4024	61 46 25	149 16 55	3.0	1.0	.70	.70	1,000	<.5	N	N	200	500	<1.0
4025	61 45 36	149 13 54	5.0	1.0	1.00	.50	500	N	N	N	100	300	N
4026	61 43 18	149 13 53	5.0	1.0	1.50	.50	700	N	N	N	50	300	N
4027	61 42 38	149 14 40	7.0	1.0	1.00	.70	700	N	N	N	200	500	<1.0
4028	61 41 41	149 25 13	3.0	1.0	1.00	.30	500	N	N	N	30	500	<1.0
4029	61 43 0	149 5 11	3.0	1.0	.70	.50	500	N	N	N	50	700	<1.0
4030	61 41 40	149 33 56	5.0	1.0	1.00	.50	1,000	N	N	N	50	500	<1.0
4031	61 22 35	148 11 38	3.0	1.0	.50	.50	500	N	N	N	70	1,000	1.0
4032	61 23 48	148 10 16	3.0	1.5	.30	.50	500	N	N	N	100	700	1.0
4033	61 24 13	148 13 44	7.0	2.0	.50	.50	1,000	<.5	N	N	200	1,500	1.5
4034	61 20 17	148 15 47	2.0	1.0	.50	.50	500	N	N	N	70	700	1.5
4035	61 17 15	148 18 43	3.0	1.5	.20	.50	500	N	N	N	100	700	1.0
4036	61 18 49	148 21 54	3.0	1.5	.50	.50	500	N	N	N	100	700	1.5
4037	61 20 4	148 6 15	3.0	1.0	.50	.30	500	N	N	N	70	700	1.0
4038	61 24 16	148 4 31	3.0	1.5	.20	.50	500	N	N	N	150	1,000	1.0
4039	61 28 22	148 16 20	5.0	1.5	1.00	.50	700	<.5	N	N	100	1,000	1.5
4040	61 31 9	148 17 19	5.0	2.0	.50	.70	700	<.5	N	N	150	1,000	1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3195	N	N	30	500	70	N	7	<20	50	20	N	20	N
3196	N	N	20	1,000	30	N	N	N	20	20	N	20	N
3197	N	N	30	200	50	N	N	<20	50	70	N	30	N
3198	N	N	30	150	70	N	N	<20	50	70	N	30	N
4000	N	N	50	150	30	N	N	N	50	<10	N	50	N
4001	N	N	30	70	50	20	N	N	50	20	N	30	N
4002	N	N	15	50	20	N	N	N	15	20	N	20	N
4003	N	N	30	30	50	N	N	N	20	20	N	30	N
4004	N	N	20	70	20	N	N	N	20	15	N	20	N
4005	N	N	50	50	100	N	N	N	30	15	N	30	N
4006	N	N	20	20	30	30	N	N	15	20	N	30	N
4007	N	N	50	50	50	50	N	N	20	10	N	50	N
4008	N	N	30	50	50	30	N	N	15	20	N	50	N
4009	N	N	30	50	20	N	N	N	10	10	N	20	N
4010	N	N	20	50	30	20	N	N	20	15	N	15	N
4011	N	N	20	300	20	N	N	N	70	20	N	30	N
4012	N	N	20	200	30	N	N	N	50	20	N	20	N
4013	N	N	15	20	30	<20	N	N	10	20	N	15	N
4014	N	N	7	<10	10	N	N	N	10	20	N	10	N
4015	N	N	5	10	10	100	N	N	7	15	N	5	N
4016	N	N	10	30	20	30	N	N	20	30	N	15	N
4017	N	N	7	10	10	50	N	N	<5	20	N	<5	N
4018	N	N	20	50	20	50	N	N	20	20	N	20	N
4019	N	N	20	100	15	70	N	N	20	20	N	20	N
4020	N	N	15	50	10	50	N	N	15	20	N	10	N
4021	N	N	15	50	20	50	N	N	10	10	N	15	N
4022	N	N	20	100	20	100	N	N	20	15	N	20	N
4023	N	N	20	20	30	N	N	N	15	15	N	10	N
4024	N	N	30	100	50	N	N	N	50	20	N	20	N
4025	N	N	20	70	20	50	N	N	20	15	N	20	N
4026	N	N	20	100	30	N	N	N	20	10	N	20	N
4027	N	N	20	100	30	N	N	N	30	10	N	20	N
4028	N	N	20	50	20	N	N	N	20	15	N	10	N
4029	N	N	20	100	30	N	N	N	20	10	N	15	N
4030	N	N	20	100	20	N	N	N	20	10	N	15	N
4031	N	N	30	150	30	30	N	N	50	15	N	15	N
4032	N	N	20	150	30	N	N	N	50	20	N	10	N
4033	N	N	30	200	70	20	N	N	70	20	N	15	N
4034	N	N	20	70	30	20	N	N	30	20	N	20	N
4035	N	N	30	100	50	20	N	N	50	30	N	30	N
4036	N	N	20	100	50	N	N	N	50	20	N	20	N
4037	N	N	20	70	20	N	N	N	50	20	N	15	N
4038	N	N	30	150	30	20	N	N	70	20	N	30	N
4039	N	N	20	100	30	30	N	N	50	30	N	30	N
4040	N	N	50	200	50	30	N	N	100	50	N	30	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sc-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
3195	500	300	N	30	N	300	N	<10	65	.10	N	<2
3196	500	200	N	30	<200	200	N	N	65	<.10	N	<2
3197	500	200	N	50	200	200	N	<10	85	.10	N	<2
3198	700	300	N	50	<200	200	N	10	100	.10	N	<2
4000	500	300	N	20	N	50	N	<10	15	N	N	N
4001	700	200	N	30	N	200	N	<10	45	<.10	N	2
4002	500	150	N	30	N	200	N	N	15	N	N	N
4003	500	200	N	30	N	300	N	10	40	<.10	N	N
4004	500	200	N	20	N	200	N	N	20	N	N	N
4005	500	200	N	20	N	100	N	<10	50	<.10	N	N
4006	500	200	N	30	N	200	N	<10	40	<.10	N	N
4007	300	500	N	50	N	200	N	N	30	<.10	N	N
4008	500	300	N	50	N	300	N	<10	45	<.10	N	N
4009	200	500	N	30	N	1,000	N	50	60	<.10	N	4
4010	300	200	N	20	N	700	N	<10	30	<.10	N	N
4011	200	200	N	50	N	500	N	50	50	.10	N	N
4012	200	200	N	30	N	200	N	60	100	.20	N	N
4013	500	300	N	30	N	500	N	<10	40	<.10	N	N
4014	700	100	N	10	N	100	N	<10	45	<.10	N	N
4015	300	100	N	20	N	150	N	N	40	<.10	4	N
4016	500	150	N	20	N	200	N	<10	60	.10	N	N
4017	N	100	N	20	N	200	N	<10	45	.10	N	N
4018	500	150	N	30	N	300	N	<10	50	.10	N	N
4019	500	200	N	50	N	1,000	N	<10	70	.10	N	N
4020	500	200	N	30	N	700	N	<10	60	.10	N	N
4021	300	150	N	30	N	500	N	<10	55	<.10	N	N
4022	500	300	N	50	N	1,000	N	<10	35	<.10	N	N
4023	500	100	N	15	N	200	N	<10	60	<.10	N	N
4024	200	150	N	20	N	200	N	90	110	.20	N	4
4025	300	150	N	30	N	1,000	N	40	55	.10	N	<2
4026	300	200	N	30	N	700	N	10	80	.10	N	N
4027	300	200	N	30	N	1,000	N	20	70	.30	N	N
4028	300	150	N	20	N	500	N	10	110	.20	N	N
4029	200	150	N	20	N	150	N	20	140	.20	N	2
4030	200	200	N	20	N	700	N	20	130	.20	N	2
4031	100	200	N	20	N	150	N	10	120	.10	N	2
4032	100	200	N	20	N	150	N	10	140	.20	N	<2
4033	150	200	N	30	<200	100	N	10	110	.20	N	N
4034	150	N	N	30	N	100	N	10	100	.10	N	2
4035	150	N	N	30	N	150	N	130	130	.50	32	4
4036	100	N	N	30	N	150	N	20	140	.20	N	4
4037	100	N	N	20	N	100	N	20	110	.30	N	2
4038	100	N	N	50	N	300	N	20	130	.10	N	N
4039	200	N	N	50	N	200	N	30	150	.20	N	16
4040	150	N	N	50	N	200	N	20	50	.10	N	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4041	61 27 5	148 16 5	5.0	1.5	.70	.50	700	N	N	N	100	1,000	<1.0
4042	61 25 54	148 17 34	5.0	2.0	.20	.50	700	N	N	N	100	1,000	<1.0
4043	61 46 19	149 30 20	3.0	1.0	1.00	.20	500	N	N	N	100	700	1.0
4044	61 45 40	149 33 18	5.0	1.0	1.50	.50	1,000	N	N	N	100	700	1.0
4045	61 49 31	149 32 6	2.0	.7	.70	.20	500	N	N	N	50	500	1.0
4046	61 49 35	149 32 3	2.0	.7	1.00	.20	500	N	N	N	70	700	1.5
4047	61 49 9	149 32 52	5.0	1.0	1.00	.30	700	N	N	N	50	500	2.0
4048	61 25 17	148 25 58	5.0	1.0	.15	.50	700	N	N	N	150	1,000	1.5
4049	61 18 51	148 27 57	5.0	1.5	.15	.50	700	N	N	N	100	1,000	1.0
4050	61 15 32	148 28 50	3.0	1.0	1.00	.50	500	N	N	N	70	1,000	1.0
4051	61 10 30	148 25 45	5.0	1.0	.30	.50	500	N	N	N	100	1,000	<1.0
4052	61 19 2	148 35 19	3.0	1.0	.50	.50	500	N	N	N	50	500	<1.0
4053	61 24 53	148 38 5	5.0	1.0	.70	.50	700	N	N	N	70	1,000	<1.0
4054	61 13 35	148 26 24	3.0	1.0	.70	.50	500	N	N	N	50	500	<1.0
4055	61 13 37	148 26 35	3.0	1.0	.70	.50	700	N	N	N	70	1,000	<1.0
4056	61 13 16	148 26 40	3.0	1.0	.50	.50	500	N	N	N	50	700	N
4057	61 10 40	148 24 10	3.0	1.0	.70	.50	500	N	N	N	70	1,000	<1.0
4058	61 17 11	148 40 22	2.0	1.0	.30	.30	500	N	N	N	50	700	<1.0
4059	61 26 9	148 44 39	3.0	1.0	.50	.50	700	N	N	N	100	700	<1.0
4060	61 16 33	148 40 35	5.0	1.0	.70	.50	700	N	N	N	100	1,000	<1.0
4061	61 19 40	148 43 10	5.0	1.5	1.00	.50	700	N	N	N	100	1,000	<1.0
4062	61 14 44	148 34 44	3.0	1.0	.70	.50	500	N	N	N	100	1,000	<1.0
4063	61 9 3	148 43 10	5.0	1.0	.20	.30	700	N	N	N	150	1,000	<1.0
4064	61 10 41	148 43 20	3.0	1.0	.30	.50	500	N	N	N	100	1,000	<1.0
4065	61 24 3	148 47 35	5.0	1.5	.70	.50	500	N	N	N	100	1,000	<1.0
4066	61 27 11	148 52 15	5.0	1.0	.30	.50	700	N	N	N	150	700	1.0
4067	61 19 3	148 47 32	3.0	1.0	.20	.30	500	N	N	N	100	700	1.0
4068	61 19 36	148 48 56	3.0	1.0	1.50	.50	500	N	N	N	100	300	1.0
4069	61 19 39	148 48 46	3.0	1.0	.30	.30	500	N	N	N	150	500	<1.0
4070	61 23 26	148 51 37	2.0	.7	.50	.30	300	N	N	N	100	500	1.0
4071	61 26 31	148 48 25	3.0	1.0	.70	.30	500	N	N	N	100	700	1.0
4072	61 27 48	149 4 22	3.0	1.0	.15	.30	700	N	N	N	150	500	1.5
4073	61 24 14	149 9 0	3.0	1.0	.70	.50	500	N	N	N	100	300	1.0
4074	61 20 27	148 59 4	3.0	1.0	.50	.30	500	N	N	N	100	500	1.0
4075	61 22 45	148 58 10	2.0	1.0	.50	.30	500	N	N	N	70	300	<1.0
4076	61 19 45	149 0 31	3.0	1.0	.50	.50	500	N	N	N	150	500	<1.0
4077	61 23 35	149 1 58	3.0	1.5	.50	.30	500	N	N	N	100	700	<1.0
4078	61 13 24	148 51 39	2.0	1.0	.15	.20	300	N	N	N	100	300	<1.0
4079	61 15 11	148 54 5	3.0	1.0	.30	.50	700	N	N	N	150	500	1.0
4080	61 17 27	148 58 44	3.0	1.5	1.00	.50	700	N	N	N	150	300	<1.0
4081	61 23 33	149 3 38	3.0	1.0	.30	.50	700	N	N	N	100	500	1.0
4082	61 24 10	149 5 13	2.0	.7	.20	.20	500	N	N	N	100	500	1.0
4083	61 21 9	149 9 23	2.0	.7	.10	.30	500	N	N	N	100	500	<1.0
4084	61 21 13	149 9 22	3.0	.7	.15	.30	700	N	N	N	150	700	1.5
4085	61 23 55	149 13 53	2.0	.7	.15	.30	500	N	N	N	150	500	1.5

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4041	N	N	30	200	50	30	N	N	70	20	N	30	N
4042	N	N	30	200	30	<20	N	N	70	30	N	30	N
4043	N	N	10	30	15	20	N	N	10	30	N	10	N
4044	N	N	20	100	20	<20	N	N	30	20	N	20	N
4045	N	N	10	20	15	30	5	N	10	20	N	10	N
4046	N	N	10	10	15	20	N	N	10	20	N	10	N
4047	N	N	20	30	20	50	N	N	15	30	N	15	N
4048	N	N	30	150	50	30	N	N	100	20	N	20	N
4049	N	N	20	200	30	<20	N	N	70	20	N	20	N
4050	N	N	20	200	20	N	N	N	50	15	N	20	N
4051	N	N	30	200	50	N	N	N	50	20	N	30	N
4052	N	N	20	100	20	N	N	N	50	10	N	20	N
4053	N	N	30	150	30	N	N	N	50	20	N	20	N
4054	N	N	20	100	20	N	N	N	50	10	N	20	N
4055	N	N	30	100	30	N	N	N	50	10	N	20	N
4056	N	N	20	150	20	N	N	N	50	<10	N	15	N
4057	N	N	20	150	20	N	N	N	50	10	N	20	N
4058	N	N	15	100	20	N	N	N	50	15	N	15	N
4059	N	N	20	100	20	N	N	N	50	20	N	20	N
4060	N	N	20	100	20	N	N	N	50	15	N	20	N
4061	N	N	20	150	30	N	N	N	70	20	N	20	N
4062	N	N	15	100	20	N	N	N	50	20	N	20	N
4063	N	N	20	100	30	N	N	N	50	20	N	20	N
4064	N	N	20	150	30	N	N	N	50	20	N	20	N
4065	N	N	20	150	20	N	N	N	50	20	N	20	N
4066	N	N	30	100	30	N	N	N	70	20	N	20	N
4067	N	N	20	150	20	N	N	N	50	20	N	20	N
4068	N	N	20	50	20	N	N	N	15	10	N	20	N
4069	N	N	20	150	20	N	N	N	50	10	N	20	N
4070	N	N	20	70	20	N	N	N	50	10	N	20	N
4071	N	N	20	100	20	N	N	N	50	15	N	20	N
4072	N	N	20	100	30	N	N	N	50	20	N	20	N
4073	N	N	20	150	20	N	N	N	50	15	N	20	N
4074	N	N	20	100	20	N	N	N	50	15	N	20	N
4075	N	N	20	70	20	N	N	N	20	15	N	20	N
4076	N	N	20	150	30	N	N	N	30	20	N	20	N
4077	N	N	20	150	20	N	N	N	50	20	N	20	N
4078	N	N	20	100	20	N	N	N	50	10	N	15	N
4079	N	N	30	150	30	N	N	N	50	20	N	20	N
4080	N	N	20	70	20	N	N	N	20	10	N	20	N
4081	N	N	30	100	30	N	N	N	50	20	N	20	N
4082	N	N	20	70	20	N	N	N	30	15	N	15	N
4083	N	N	20	70	20	N	N	N	30	20	N	15	N
4084	N	N	30	150	30	N	N	N	50	20	N	20	N
4085	N	N	20	200	30	N	N	N	50	20	N	20	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
4041	150	N	N	50	N	200	N	<10	70	.10	N	N
4042	100	N	N	30	N	150	N	<10	50	<.10	N	N
4043	300	N	N	20	N	500	N	20	35	<.10	N	N
4044	500	N	N	50	N	200	N	20	55	<.10	N	N
4045	300	N	N	10	N	200	N	<10	45	<.10	N	N
4046	500	N	N	<10	N	200	N	10	45	<.10	N	N
4047	500	N	N	20	N	200	N	N	60	.10	N	N
4048	200	N	N	30	N	200	N	30	150	.20	N	6
4049	150	<10	<50	20	N	200	N	20	130	.20	N	4
4050	300	150	N	20	N	200	N	N	60	.10	N	N
4051	200	200	N	30	N	100	N	N	95	.10	N	N
4052	150	150	N	20	N	150	N	20	60	.10	N	N
4053	200	200	N	20	N	200	N	40	75	.11	N	N
4054	200	200	N	20	N	100	N	N	60	<.10	N	N
4055	200	200	N	20	N	150	N	N	65	<.10	N	N
4056	150	150	N	20	N	150	N	N	60	N	N	N
4057	300	200	N	20	N	70	N	N	60	<.10	N	N
4058	200	150	N	10	N	50	N	N	60	N	N	N
4059	200	150	N	20	N	100	N	10	110	.10	N	N
4060	200	200	N	20	N	200	N	10	75	.10	N	N
4061	200	200	N	20	N	150	N	N	60	.10	N	N
4062	150	150	N	20	N	150	N	10	60	.10	N	N
4063	150	200	N	20	N	100	N	10	100	.10	N	N
4064	100	150	N	20	N	100	N	20	100	.20	N	N
4065	200	200	N	20	N	100	N	<10	65	<.10	N	N
4066	150	200	N	30	200	150	N	10	100	.20	N	N
4067	100	150	N	20	N	150	N	10	95	.20	N	N
4068	500	100	N	20	N	70	N	N	50	<.10	N	N
4069	200	150	N	20	N	100	N	20	75	.10	N	N
4070	200	150	N	30	N	100	N	10	120	.20	N	N
4071	200	150	N	30	N	100	N	20	70	.10	N	N
4072	150	150	N	30	<200	150	N	20	130	.20	N	N
4073	200	150	N	30	N	150	N	10	65	.10	N	N
4074	200	150	N	20	N	100	N	10	85	<.10	N	N
4075	200	100	N	15	N	100	N	<10	80	.10	N	N
4076	150	150	N	30	N	100	N	30	110	.20	N	N
4077	150	150	N	20	N	100	N	10	85	.20	N	N
4078	100	150	N	20	N	100	N	N	100	.20	N	N
4079	150	200	N	30	N	100	N	10	120	.30	N	N
4080	300	150	N	20	N	70	N	N	75	.20	N	N
4081	100	200	N	20	N	200	N	30	130	.20	N	3
4082	N	100	N	20	N	100	N	20	100	.20	N	N
4083	<100	100	N	20	N	70	N	30	120	.20	N	N
4084	200	150	N	20	<200	300	N	30	140	.30	N	N
4085	100	150	N	20	N	200	N	20	120	.20	N	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4086	61 25 12	149 21 41	7.0	5.0	3.00	.50	700	N	N	N	50	100	N
4087	61 16 38	149 4 45	3.0	.7	.20	.50	700	N	N	N	150	700	1.5
4088	61 14 45	149 7 0	3.0	1.0	1.00	.50	700	N	N	N	70	300	<1.0
4089	61 14 45	149 6 50	3.0	1.5	1.00	.50	700	N	N	N	70	200	<1.0
4090	61 17 24	149 9 52	3.0	1.5	1.00	.50	700	N	N	N	100	500	1.0
4091	61 18 15	149 10 51	3.0	1.0	.15	.50	500	N	N	N	150	700	1.0
4092	61 20 12	149 17 17	2.0	1.0	.15	.50	700	N	N	N	150	500	1.0
4093	61 21 35	149 20 8	3.0	1.0	.30	.50	700	N	N	N	100	500	1.0
4094	61 20 59	149 19 12	3.0	1.0	.20	.30	700	N	N	N	100	300	1.0
4095	61 24 5	149 26 58	5.0	1.0	1.00	.50	700	N	N	N	70	300	<1.0
4096	61 21 23	149 31 23	3.0	2.0	1.50	.50	1,000	N	N	N	70	500	<1.0
4097	61 19 29	149 24 36	5.0	1.0	.30	.50	700	N	N	N	100	500	1.0
4098	61 13 35	149 1 20	5.0	1.0	1.00	.50	500	N	N	N	70	500	<1.0
4099	61 13 31	149 1 10	5.0	1.5	1.00	.50	1,000	N	N	N	30	300	N
4100	61 13 22	149 4 20	7.0	1.5	1.50	.70	1,000	N	N	N	20	1,000	<1.0
4101	61 11 30	149 11 18	7.0	2.0	2.00	1.00	1,000	N	N	N	30	1,000	<1.0
4102	61 9 8	149 5 50	7.0	1.5	.50	.50	1,500	<.5	N	N	70	1,000	1.0
4103	61 11 10	149 12 22	7.0	2.0	1.50	1.00	1,000	N	N	N	70	1,000	<1.0
4104	61 11 3	149 16 5	7.0	2.0	2.00	.70	1,000	N	N	N	30	700	<1.0
4105	61 14 48	149 17 15	7.0	1.5	1.50	.70	1,000	N	N	N	50	500	<1.0
4106	61 16 49	149 28 49	7.0	1.5	1.00	.50	1,000	N	N	N	50	700	N
4107	61 0 27	149 0 42	7.0	2.0	.30	.70	1,000	N	N	N	150	1,500	1.5
4108	61 0 32	149 0 50	7.0	2.0	.30	.70	1,500	N	N	N	150	1,500	1.0
4109	61 1 19	149 5 24	7.0	2.0	.30	.50	1,500	N	N	N	150	1,500	1.0
4110	61 5 5	149 0 7	7.0	2.0	.50	.70	1,500	N	N	N	150	1,500	1.0
4111	60 59 11	149 9 20	7.0	1.5	.50	.70	1,500	<.5	N	N	150	1,500	1.0
4112	61 3 23	149 18 6	7.0	2.0	.70	.70	1,500	N	N	N	100	1,500	1.0
4113	61 2 37	149 13 45	7.0	2.0	.70	.50	1,000	N	N	N	100	1,500	<1.0
4114	61 3 57	149 22 25	7.0	2.0	1.00	.70	1,500	N	N	N	150	1,000	<1.0
4115	61 1 18	149 22 29	7.0	2.0	.70	.50	1,500	N	N	N	150	1,500	1.0
4116	61 2 31	149 21 4	7.0	2.0	.50	.50	1,500	N	N	N	100	1,500	1.0
4117	61 6 3	149 16 47	5.0	2.0	.50	.50	1,000	N	N	N	150	1,000	1.0
4118	61 5 58	149 16 49	5.0	2.0	.30	.50	1,000	N	N	N	150	1,000	1.0
4119	61 5 57	149 18 2	5.0	1.5	.50	.50	1,000	N	N	N	100	1,000	1.0
4120	61 7 47	149 25 2	5.0	1.5	.50	.70	1,000	N	N	N	100	700	1.0
4121	61 8 45	149 26 18	7.0	3.0	2.00	1.00	2,000	N	N	N	50	700	<1.0
4122	61 9 14	149 28 33	7.0	2.0	1.00	.70	1,500	N	N	N	70	500	<1.0
4123	61 8 41	149 27 46	7.0	2.0	1.50	.70	1,000	N	N	N	70	1,000	<1.0
4124	61 4 47	149 27 30	7.0	2.0	1.50	1.00	2,000	N	N	N	70	1,000	<1.0
4125	61 3 0	149 30 4	7.0	2.0	1.00	.70	2,000	N	N	N	100	1,500	<1.0
4126	61 1 22	149 31 50	10.0	3.0	1.50	.70	2,000	N	N	N	100	1,000	1.0
4127	60 58 39	149 12 58	7.0	2.0	.50	.50	1,000	N	N	N	100	1,500	1.0
4128	61 6 35	148 59 48	7.0	2.0	.50	.50	1,000	N	N	N	150	1,500	1.0
4129	61 7 28	149 2 28	5.0	2.0	.50	.50	700	N	N	N	70	1,500	N
4130	61 5 33	149 7 10	7.0	1.5	.30	.50	1,500	N	N	N	300	1,500	1.5

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4086	N	N	70	3,000	70	N	N	N	300	10	N	70	N
4087	N	N	30	200	30	N	N	N	70	15	N	20	N
4088	N	N	20	70	20	N	N	N	30	10	N	20	N
4089	N	N	30	100	20	N	N	N	30	10	N	20	N
4090	N	N	20	150	30	N	N	N	50	15	N	20	N
4091	N	N	30	100	30	N	N	N	50	20	N	20	N
4092	N	N	20	70	30	N	N	N	50	20	N	20	N
4093	N	N	20	200	30	N	N	N	50	15	N	20	N
4094	N	N	20	100	30	N	N	N	50	20	N	15	N
4095	N	N	20	500	20	N	N	N	50	15	N	20	N
4096	N	N	30	500	20	N	N	N	70	15	N	20	N
4097	N	N	30	100	20	N	N	N	50	20	N	20	N
4098	N	N	20	70	20	N	N	N	20	10	N	20	N
4099	N	N	30	200	30	N	N	N	30	15	N	20	N
4100	N	N	20	70	20	N	N	N	20	15	N	30	N
4101	N	N	20	100	20	N	N	N	20	15	N	30	N
4102	N	N	30	150	50	N	N	N	70	30	N	30	N
4103	N	N	20	200	20	N	N	N	30	<10	N	30	N
4104	N	N	30	150	20	N	5	N	30	10	N	30	N
4105	N	N	30	500	20	N	N	N	30	15	N	30	N
4106	N	N	30	300	30	N	N	N	50	20	N	30	N
4107	N	N	30	200	30	N	N	N	70	20	N	30	N
4108	N	N	30	200	50	N	N	N	100	20	N	30	N
4109	N	N	30	200	30	N	N	N	100	20	N	30	N
4110	N	N	30	150	50	N	N	N	70	20	N	30	N
4111	N	N	30	200	50	N	N	N	70	30	N	30	N
4112	N	N	30	200	50	N	N	N	70	30	N	30	N
4113	N	N	30	200	30	N	N	N	70	20	N	30	N
4114	N	N	30	300	50	N	<5	N	70	20	N	30	N
4115	N	N	30	150	30	N	N	N	70	30	N	30	N
4116	N	N	20	300	20	N	N	N	70	20	N	20	N
4117	N	N	30	200	30	N	N	N	70	20	N	30	N
4118	N	N	30	200	20	N	N	N	50	30	N	20	N
4119	N	N	30	100	30	N	N	N	50	30	N	20	N
4120	N	N	20	300	20	N	N	N	50	20	N	30	N
4121	N	N	50	5,000	30	N	N	N	150	20	N	50	N
4122	N	N	30	150	30	N	N	N	30	20	N	30	N
4123	N	N	30	300	20	N	N	N	50	20	N	30	N
4124	N	N	50	1,000	30	N	5	N	100	20	N	30	N
4125	N	N	30	300	50	N	N	N	70	20	N	30	N
4126	N	N	50	500	50	N	N	N	70	20	N	50	N
4127	N	N	30	200	50	N	N	N	70	50	N	20	N
4128	N	N	30	200	30	N	N	N	70	15	N	20	N
4129	N	N	20	200	20	N	N	N	70	15	N	20	N
4130	N	N	30	150	30	50	N	N	50	30	N	20	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
4086	100	200	N	20	N	70	N	N	60	.30	N	N
4087	100	150	N	30	<200	100	N	30	130	.20	N	N
4088	500	150	N	10	N	70	N	N	55	<.10	N	N
4089	300	150	N	15	N	70	N	N	70	<.10	N	N
4090	300	200	N	20	N	100	N	N	85	.10	N	N
4091	150	200	N	20	N	100	N	N	95	.10	N	N
4092	<100	150	N	20	<200	100	N	N	100	.20	N	N
4093	200	150	N	20	<200	100	N	N	100	.20	N	N
4094	150	100	N	15	N	100	N	20	120	.30	N	N
4095	300	200	N	15	N	100	N	N	70	.10	N	N
4096	300	200	N	20	N	70	N	N	75	.10	N	N
4097	150	200	N	20	<200	150	N	20	110	.20	N	N
4098	500	200	N	15	N	150	N	<10	55	<.10	N	N
4099	300	200	N	10	N	70	N	10	95	.20	N	N
4100	700	200	N	20	N	100	N	N	85	N	N	N
4101	1,000	200	N	20	N	100	N	N	65	N	N	N
4102	200	200	N	20	300	150	N	N	130	N	N	N
4103	1,000	200	N	20	N	200	N	N	65	N	N	N
4104	700	200	N	20	N	100	N	N	90	N	N	N
4105	500	200	N	20	N	100	N	N	100	N	N	N
4106	500	200	N	20	N	100	N	20	100	<.10	N	2
4107	200	200	N	50	N	100	N	N	110	N	N	2
4108	200	300	N	30	<200	100	N	20	140	N	N	2
4109	200	300	N	30	N	100	N	N	120	N	N	4
4110	300	300	N	50	N	100	N	N	120	N	N	2
4111	200	300	N	50	<200	100	N	60	150	<.10	N	4
4112	300	300	N	50	N	150	N	20	110	<.10	N	4
4113	200	200	N	30	N	100	N	20	130	N	N	2
4114	200	300	N	30	N	100	N	N	110	<.10	N	2
4115	300	300	N	50	N	150	N	N	130	<.10	N	4
4116	300	200	N	30	N	100	N	N	85	N	N	2
4117	200	200	N	20	N	100	N	N	120	.10	N	2
4118	200	200	N	20	N	150	N	N	150	.20	N	2
4119	200	200	N	30	N	100	N	N	120	.20	N	2
4120	200	200	N	20	N	200	N	N	120	<.10	N	2
4121	500	200	N	30	N	100	N	N	100	.20	N	N
4122	300	200	N	20	N	100	N	20	110	.10	N	N
4123	500	200	N	20	N	100	N	N	85	<.10	N	N
4124	500	200	N	30	N	150	N	N	110	.40	N	N
4125	500	200	N	20	N	100	N	N	100	.20	N	2
4126	500	200	N	30	N	100	N	50	180	.20	N	N
4127	200	200	N	30	N	100	N	20	130	.10	N	N
4128	200	200	N	30	N	100	N	N	90	<.10	N	2
4129	200	150	N	20	N	100	N	20	100	.40	N	8
4130	200	200	N	30	<200	200	N	50	150	.30	N	2

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4131	61 7 9	149 8 10	7.0	2.0	.70	.50	1,500	N	N	N	100	1,500	<1.0
4132	61 5 7	148 48 26	7.0	1.5	.30	.50	1,000	N	N	N	100	1,000	<1.0
4133	61 6 22	148 49 5	7.0	2.0	.70	.50	1,000	N	N	N	100	1,500	<1.0
4134	61 5 33	148 38 31	7.0	2.0	.50	.50	1,500	<.5	N	N	150	1,500	1.0
4135	61 7 4	147 0 34	2.0	1.5	.50	.50	700	N	N	N	100	1,000	2.0
4136	61 7 42	147 0 30	3.0	1.5	.30	.50	1,000	N	N	N	100	1,000	1.5
4137	61 7 39	147 5 28	2.0	2.0	.70	.50	1,000	N	N	N	100	1,000	2.0
4138	61 6 48	147 18 28	5.0	2.0	1.00	.50	1,000	N	N	N	100	1,000	1.5
4139	61 6 47	147 18 13	3.0	1.5	1.00	.70	1,000	N	N	N	70	1,000	2.0
4140	61 11 10	147 1 21	3.0	1.5	.70	.70	1,000	N	N	N	100	1,500	2.0
4141	61 3 24	147 5 43	5.0	2.0	.70	.70	1,000	N	N	N	100	1,500	2.0
4142	61 5 5	147 6 48	5.0	2.0	.70	.70	1,000	<.5	N	N	100	1,500	2.0
4143	61 4 40	147 11 47	3.0	1.5	.70	.70	700	N	N	N	100	1,500	2.0
4144	61 5 4	147 24 23	5.0	1.5	.30	.50	1,000	1.0	N	N	100	1,500	2.0
4145	61 7 2	147 24 15	5.0	2.0	1.00	.50	1,000	N	N	N	100	1,500	2.0
4146	61 4 47	147 25 22	5.0	2.0	.15	.50	1,500	.5	N	N	100	1,500	2.0
4147	61 7 38	148 16 31	5.0	2.0	1.00	.70	1,000	N	N	N	100	1,500	1.5
4148	60 59 54	148 14 21	5.0	2.0	.50	.50	1,500	<.5	N	N	100	1,500	2.0
4149	61 21 1	147 32 50	5.0	1.5	.30	.70	1,000	<.5	N	N	100	1,500	2.0
4150	61 21 0	147 32 31	5.0	2.0	.50	.50	1,000	.5	N	N	100	1,500	2.0
4151	61 22 10	147 28 1	5.0	2.0	.50	.50	1,000	<.5	N	N	100	1,500	2.0
4152	61 21 40	147 33 58	5.0	2.0	.50	.50	1,500	<.5	N	N	100	1,500	2.0
4153	61 11 15	147 27 57	7.0	2.0	1.00	.50	2,000	<.5	N	N	150	1,500	2.0
4154	61 9 37	147 29 59	5.0	2.0	.15	.50	1,000	<.5	N	N	150	1,000	2.0
4155	61 8 1	147 30 29	3.0	1.5	.50	.30	1,000	<.5	N	N	150	1,000	2.0
4156	61 3 50	147 39 2	2.0	2.0	.30	.50	1,000	<.5	N	N	70	1,000	2.0
4157	61 4 9	147 38 43	2.0	2.0	.50	.50	1,000	.5	N	N	100	1,000	1.5
4158	61 0 52	147 24 8	5.0	2.0	.70	.70	1,500	<.5	N	N	150	1,000	2.0
4159	61 2 9	147 22 58	3.0	2.0	.30	.50	1,000	<.5	N	N	100	1,500	2.0
4160	61 1 20	147 16 29	3.0	2.0	.30	.50	1,000	N	N	N	50	1,000	1.5
4161	61 13 52	147 34 19	7.0	1.5	.30	.70	1,500	.7	N	N	200	1,000	1.5
4162	61 15 21	147 30 32	5.0	2.0	.30	.50	1,000	<.5	N	N	100	1,000	2.0
4163	61 13 51	147 38 53	5.0	2.0	.50	.50	1,000	<.5	N	N	100	1,000	2.0
4164	61 20 53	147 37 46	5.0	2.0	.70	.70	1,000	<.5	N	N	100	1,000	2.0
4165	61 14 45	147 46 37	5.0	2.0	1.00	.50	1,000	<.5	N	N	100	1,000	1.5
4166	61 11 5	147 52 10	5.0	2.0	.70	.70	1,000	<.5	N	N	100	1,000	2.0
4167	61 5 13	147 44 35	3.0	2.0	.50	.50	1,000	N	N	N	100	1,000	2.0
4168	61 1 45	147 52 53	5.0	2.0	1.00	.70	2,000	<.5	N	N	100	1,500	2.0
4169	61 4 36	148 3 10	7.0	2.0	.50	.50	1,500	<.5	N	N	150	1,000	2.0
4170	61 6 23	147 58 49	5.0	1.5	.30	.50	1,000	N	N	N	100	1,000	1.5
4171	61 32 30	148 3 15	7.0	2.0	.50	.70	1,000	<.5	N	N	100	2,000	2.0
4172	61 31 37	148 5 49	7.0	3.0	.50	.70	1,000	<.5	N	N	100	3,000	1.0
4173	61 31 42	148 7 58	5.0	2.0	.70	.70	1,000	<.5	N	N	100	2,000	1.0
4174	61 29 22	148 10 19	7.0	2.0	.30	.70	1,000	<.5	N	N	100	2,000	1.0
4175	61 29 30	148 10 15	7.0	2.0	.30	1.00	1,000	<.5	N	N	200	2,000	1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4131	N	N	30	200	30	N	N	N	70	30	N	30	N
4132	N	N	30	200	30	50	N	N	50	20	N	20	N
4133	N	N	20	150	30	N	N	N	50	20	N	20	N
4134	N	N	50	200	70	20	N	N	70	30	N	30	N
4135	N	N	20	100	30	<20	N	N	50	20	N	30	N
4135	N	N	20	150	20	<20	N	N	50	20	N	50	N
4137	N	N	20	150	20	20	N	N	50	20	N	30	N
4138	N	N	30	200	30	<20	N	N	50	20	N	30	N
4139	N	N	20	300	30	20	N	N	50	20	N	30	N
4140	N	N	20	150	30	<20	N	N	50	20	N	30	N
4141	N	N	20	200	20	N	N	N	70	20	N	30	N
4142	N	N	20	300	20	<20	N	N	50	20	N	30	N
4143	N	N	20	100	15	<20	N	N	30	20	N	30	N
4144	N	N	20	100	50	N	N	N	50	50	N	20	N
4145	N	N	30	500	30	20	N	N	100	20	N	30	N
4146	N	N	30	150	50	N	N	N	50	20	N	30	N
4147	N	N	30	300	30	N	N	N	70	20	N	30	N
4148	N	N	30	200	30	20	N	N	50	30	N	30	N
4149	N	N	30	200	50	30	N	N	70	20	N	30	N
4150	N	N	50	200	50	30	N	N	70	30	N	30	N
4151	N	N	50	200	50	30	N	N	100	20	N	30	N
4152	N	N	30	200	100	30	N	N	70	50	N	50	N
4153	N	N	50	200	50	20	N	N	70	20	N	50	N
4154	N	N	50	200	50	30	N	N	70	20	N	30	N
4155	N	N	30	200	20	30	N	N	70	20	N	20	N
4156	N	N	30	200	20	20	N	N	70	15	N	30	N
4157	N	N	20	300	20	<20	N	N	70	20	N	20	N
4158	N	N	30	150	20	30	N	N	50	30	N	30	30
4159	N	N	30	150	50	30	N	N	50	20	N	20	N
4160	N	N	20	70	20	30	N	N	30	30	N	20	N
4161	N	N	70	300	100	30	N	N	100	50	N	30	N
4162	N	N	50	200	50	50	<5	N	70	30	N	30	N
4163	N	N	30	200	30	30	N	N	70	30	N	30	N
4164	N	N	30	200	30	30	N	N	70	30	N	30	N
4165	N	N	50	200	30	20	N	N	70	30	N	30	N
4166	N	N	20	200	20	30	N	N	50	20	N	30	N
4167	N	N	20	200	20	20	N	N	50	20	N	20	N
4168	N	N	50	200	70	20	N	N	70	30	N	30	N
4169	N	N	50	200	50	30	N	N	70	50	N	30	N
4170	N	N	30	100	30	30	N	N	50	20	N	30	N
4171	N	N	50	150	150	50	<5	<20	200	100	N	30	N
4172	N	N	50	150	100	100	<5	<20	100	70	N	50	N
4173	N	N	50	200	100	100	<5	<20	50	70	N	30	N
4174	N	N	50	200	100	100	<5	<20	50	50	N	30	N
4175	N	N	50	200	150	100	<5	20	100	70	N	30	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
4131	200	200	N	30	N	150	N	N	110	N	N	2
4132	150	200	N	30	N	100	N	N	90	N	N	2
4133	300	200	N	30	<200	100	N	15	160	.20	N	4
4134	200	200	N	30	<200	150	N	N	100	.20	N	2
4135	300	150	N	30	N	150	N	10	90	.20	N	N
4136	300	200	N	30	<200	200	N	10	60	.20	N	N
4137	500	150	N	30	N	150	N	20	70	.20	N	6
4138	500	200	N	30	N	100	N	10	75	.30	N	N
4139	500	200	N	30	N	150	N	10	55	.20	N	N
4140	500	200	N	30	N	150	N	10	65	.20	N	N
4141	300	200	N	50	N	150	N	10	65	.20	N	N
4142	300	200	N	30	N	150	N	40	55	.20	N	2
4143	200	200	N	50	N	200	N	30	45	.20	N	N
4144	200	200	N	30	<200	150	N	90	110	.40	N	N
4145	300	200	N	50	N	100	N	10	75	.20	N	N
4146	200	200	N	50	N	150	N	20	70	.30	N	N
4147	300	200	N	50	N	100	N	10	75	.30	N	2
4148	300	200	N	50	<200	150	N	40	80	.20	N	N
4149	200	200	N	50	<200	150	N	20	90	.20	N	2
4150	200	200	N	50	<200	150	N	30	100	.20	N	2
4151	200	200	N	50	<200	150	N	20	100	.30	N	N
4152	200	200	N	50	<200	150	N	60	85	.20	N	2
4153	300	200	N	50	<200	150	N	20	110	.20	N	N
4154	500	200	N	50	<200	300	N	20	95	.30	N	N
4155	500	200	N	50	<200	100	N	10	80	.30	N	N
4156	500	200	N	50	<200	100	N	10	70	.20	N	N
4157	500	200	N	30	N	100	N	10	65	.20	N	N
4158	500	200	N	50	200	200	N	110	120	.30	N	N
4159	300	200	N	30	200	150	N	20	160	.30	N	2
4160	300	200	N	30	N	150	N	20	85	.20	N	N
4161	300	200	N	70	200	150	N	170	220	1.10	N	N
4162	200	200	N	50	<200	150	N	60	110	.30	N	N
4163	200	200	N	50	<200	100	N	20	100	.30	N	N
4164	200	200	N	50	<200	150	N	20	85	.20	N	N
4165	300	200	N	50	N	100	N	30	120	.20	N	N
4166	300	200	N	50	<200	200	N	10	50	.20	N	N
4167	500	200	N	30	N	150	N	10	55	.20	N	N
4168	700	200	N	50	<200	150	N	30	85	.30	N	N
4169	300	200	N	50	<200	100	N	50	120	.30	N	N
4170	200	200	N	30	<200	150	N	10	90	.20	N	N
4171	500	200	N	100	<200	500	N	30	160	.40	N	<2
4172	300	200	N	100	<200	300	N	30	140	.30	N	2
4173	500	200	N	100	<200	300	N	30	110	.20	N	<2
4174	300	200	N	70	<200	300	N	30	120	.20	N	2
4175	300	200	N	100	<200	300	N	30	130	.20	N	<2

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4176	61 24 19	148 24 25	7.0	2.0	.20	.70	1,000	N	N	N	200	2,000	1.0
4177	61 28 0	148 28 55	7.0	2.0	.20	.70	1,000	N	N	N	200	2,000	1.0
4178	61 33 52	148 27 29	7.0	2.0	.50	.50	1,000	N	N	N	150	2,000	<1.0
4179	61 33 52	148 27 19	7.0	2.0	.30	.70	1,000	N	N	N	100	2,000	1.0
4180	61 34 6	148 26 55	7.0	2.0	.10	.70	1,000	<.5	N	N	200	2,000	1.0
4181	61 34 31	148 25 23	7.0	2.0	.30	.70	1,000	N	N	N	200	2,000	1.0
4182	61 30 43	148 21 43	7.0	2.0	.50	.70	1,000	N	N	N	100	1,500	<1.0
4183	61 29 8	148 23 57	7.0	2.0	.10	.70	1,000	N	N	N	200	2,000	1.0
4184	61 28 31	148 21 52	7.0	3.0	.30	.70	1,000	N	N	N	200	2,000	1.0
4185	61 13 54	148 35 53	7.0	2.0	.50	.50	1,000	N	N	N	100	1,500	<1.0
4186	61 10 29	148 49 42	7.0	2.0	.20	.50	1,000	N	N	N	150	1,500	<1.0
4187	61 19 2	148 35 21	3.0	2.0	.50	.50	1,000	N	N	N	100	1,500	1.0
4188	61 18 59	148 47 33	5.0	2.0	.50	.50	1,000	N	N	N	150	1,500	<1.0
4189	61 29 32	148 2 8	7.0	3.0	.70	.50	1,000	<.5	N	N	200	2,000	1.0
4190	61 23 5	149 1 38	7.0	1.5	.50	.50	1,000	N	N	N	200	1,000	<1.0
4191	61 28 15	148 39 10	7.0	3.0	.50	.50	1,000	N	N	N	200	1,500	<1.0
4192	61 41 40	149 33 57	7.0	1.5	1.00	.50	1,000	N	N	N	100	1,000	<1.0
4193	61 41 40	149 25 17	5.0	1.5	.70	.50	700	N	N	N	50	1,000	<1.0
4194	61 42 3	149 21 49	7.0	1.5	.50	.50	700	N	N	N	100	1,000	<1.0
4195	61 49 35	148 28 32	7.0	2.0	.70	.50	700	N	N	N	100	2,000	2.0
4196	61 55 34	148 6 15	7.0	2.0	2.00	.70	1,500	N	N	N	150	1,000	<1.0
4197	61 50 35	148 21 42	5.0	2.0	1.00	.50	1,000	N	N	N	50	1,000	<1.0
4198	61 50 37	147 54 12	7.0	2.0	1.50	.70	1,000	N	N	N	100	2,000	<1.0
4199	61 49 12	147 45 42	7.0	5.0	.70	.50	1,000	N	N	N	150	2,000	<1.0
4200	61 52 25	147 35 47	10.0	3.0	2.00	.70	1,500	N	N	N	100	1,500	N
4201	61 7 28	149 0 30	7.0	2.0	.50	.70	1,000	N	N	N	200	2,000	<1.0
4202	61 10 14	149 8 28	7.0	2.0	.50	.70	1,000	N	N	N	200	2,000	<1.0
4203	61 7 24	148 48 20	7.0	2.0	.30	.50	1,000	N	N	N	200	2,000	1.0
4204	61 5 22	148 48 58	5.0	2.0	1.50	.50	1,000	N	N	N	50	2,000	<1.0
4205	61 18 44	149 12 45	7.0	3.0	1.00	.50	1,000	N	N	N	100	2,000	<1.0
4206	61 13 19	149 4 40	7.0	3.0	3.00	.50	1,500	N	N	N	500	2,000	<1.0
4207	61 3 15	149 37 34	7.0	2.0	.20	.50	1,000	N	N	N	200	2,000	<1.0
5000	61 56 7	148 54 29	1.5	.7	.70	.20	300	N	N	N	50	300	<1.0
5001	61 56 3	148 54 14	1.0	.3	.70	.10	300	N	N	N	30	500	<1.0
5002	61 56 1	149 1 33	2.0	1.0	1.00	.20	500	N	N	N	20	300	N
5003	61 58 59	149 1 27	2.0	1.5	2.00	.30	500	N	N	N	100	500	1.0
5004	61 58 35	149 1 51	5.0	1.0	2.00	.30	500	N	N	N	100	300	1.0
5005	61 56 32	149 5 51	5.0	1.5	2.00	.30	700	N	N	N	20	500	1.0
5006	61 53 2	149 11 12	5.0	1.5	2.00	.50	1,000	.5	N	N	20	500	1.5
5007	61 53 12	149 10 55	1.5	1.0	2.00	.30	500	N	N	N	20	500	1.5
5008	61 54 17	149 10 42	2.0	1.0	2.00	.20	700	N	N	N	20	500	2.0
5009	61 58 25	149 13 47	10.0	1.5	2.00	.50	700	N	N	N	10	200	<1.0
5010	61 59 2	149 16 24	10.0	1.5	2.00	.50	1,000	N	N	N	10	500	1.0
5011	61 56 24	149 20 11	5.0	1.5	2.00	.50	700	N	N	N	15	300	1.0
5012	61 46 47	149 23 13	3.0	1.0	.50	.30	700	2.0	N	N	100	200	1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4175	N	N	50	200	100	100	<5	<20	100	50	N	30	N
4177	N	N	50	200	100	100	<5	<20	100	50	N	30	N
4178	N	N	50	300	100	20	<5	N	100	70	N	30	N
4179	N	N	50	300	100	20	<5	N	100	50	N	30	N
4180	N	N	50	200	150	100	<5	<20	100	70	N	30	N
4181	N	N	50	200	150	100	<5	<20	150	100	N	50	N
4182	N	N	30	200	100	50	<5	N	100	70	N	30	N
4183	N	N	50	200	100	50	<5	<20	100	70	N	30	N
4184	N	N	50	200	100	20	<5	<20	100	70	N	30	N
4185	N	N	50	300	100	20	<5	<20	100	50	N	20	N
4186	N	N	50	200	100	<20	<5	<20	70	50	N	20	N
4187	N	N	20	150	70	N	<5	N	70	50	N	20	N
4188	N	N	20	150	70	100	<5	N	70	70	N	20	N
4189	N	N	100	500	200	100	5	<20	200	100	N	30	N
4190	N	N	50	200	100	<20	<5	<20	100	70	N	30	N
4191	N	N	50	300	150	N	<5	<20	100	70	N	30	N
4192	N	N	30	200	500	N	<5	N	50	70	N	20	N
4193	N	N	30	70	70	50	<5	N	20	50	N	20	N
4194	N	N	20	100	70	20	<5	N	50	50	N	20	N
4195	N	N	50	500	70	20	<5	<20	200	70	N	20	N
4196	N	N	50	50	100	N	5	N	20	100	N	30	N
4197	N	N	30	150	70	N	<5	N	30	50	N	20	N
4198	N	N	50	150	100	N	<5	N	50	50	N	20	N
4199	N	N	70	500	100	N	<5	N	150	70	N	20	N
4200	N	N	50	150	100	N	<5	N	100	30	N	30	N
4201	N	N	20	200	70	N	N	<20	70	70	N	20	N
4202	N	N	50	200	100	50	N	<20	70	70	N	20	N
4203	N	N	30	200	50	20	N	<20	70	70	N	20	N
4204	N	N	20	70	10	N	N	N	15	70	N	20	N
4205	N	N	20	100	50	N	N	N	20	70	N	20	N
4206	N	N	50	70	100	N	N	N	20	70	N	20	N
4207	N	N	50	200	100	<20	N	N	70	70	N	20	N
5000	N	N	7	15	10	N	N	N	10	N	N	10	N
5001	N	N	N	<10	5	N	N	N	5	N	N	5	N
5002	N	N	20	50	15	N	N	N	15	10	N	15	N
5003	N	N	20	20	20	N	N	N	15	20	N	30	N
5004	N	N	20	100	100	N	N	N	15	20	N	20	N
5005	N	N	30	20	30	<20	N	N	15	20	N	30	N
5006	N	N	30	30	150	N	7	N	20	20	N	30	N
5007	N	N	10	15	30	70	N	N	10	20	N	20	N
5008	N	N	15	15	30	70	N	N	10	20	N	30	N
5009	N	N	30	70	20	50	N	N	15	15	N	30	N
5010	N	N	30	30	30	70	N	N	15	15	N	50	N
5011	N	N	20	50	30	N	N	N	20	15	N	30	N
5012	N	N	20	20	20	N	7	N	15	20	N	20	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
4176	200	200	N	70	<200	300	N	20	120	.10	N	N
4177	200	200	N	70	<200	300	N	20	120	.10	N	N
4178	500	200	N	50	<200	200	N	60	100	.10	N	2
4179	200	200	N	50	<200	200	N	40	120	.20	N	2
4180	200	200	N	70	<200	200	N	20	150	.10	N	<2
4181	300	200	N	70	<200	300	N	60	140	.20	N	2
4182	300	200	N	50	<200	300	N	90	110	.10	N	<2
4183	300	500	N	50	<200	300	N	20	150	.20	N	<2
4184	300	200	N	50	<200	300	N	50	120	.10	N	2
4185	300	200	N	50	<200	200	N	20	100	.10	N	<2
4186	200	200	N	50	<200	200	N	10	100	.10	N	N
4187	300	200	N	50	<200	200	N	20	80	.10	N	N
4188	500	200	N	50	<200	200	N	10	70	<.10	N	<2
4189	500	200	N	100	<200	200	N	40	160	.50	N	2
4190	500	200	N	50	<200	200	N	20	130	.30	N	4
4191	300	200	N	50	<200	200	N	20	120	.10	N	<2
4192	700	200	N	70	<200	>1,000	N	10	55	.10	N	N
4193	700	200	N	50	<200	300	N	10	40	.20	N	N
4194	700	200	N	50	<200	700	N	40	65	.10	N	N
4195	500	200	N	70	<200	500	N	10	100	.30	N	N
4196	500	300	N	100	<200	200	N	20	140	.30	N	N
4197	500	200	N	70	<200	200	N	<10	80	<.10	N	N
4198	500	300	N	50	<200	200	N	20	120	.10	N	N
4199	300	300	N	50	<200	200	N	20	110	.10	N	N
4200	1,000	300	N	70	<200	200	N	10	80	<.10	N	N
4201	500	300	N	50	N	200	N	10	95	.20	N	<2
4202	300	300	N	50	<200	200	N	10	120	.30	N	<2
4203	200	200	N	50	<200	200	N	30	90	.10	N	<2
4204	700	200	N	50	<200	300	N	20	40	.10	N	N
4205	500	200	N	50	<200	150	N	N	75	.20	N	N
4206	700	200	N	50	<200	150	N	<10	110	.10	N	N
4207	300	200	N	50	<200	200	N	20	120	.10	N	N
5000	500	100	N	N	N	70	N	N	35	.10	<2	2
5001	500	30	N	N	N	100	N	<10	45	<.10	N	N
5002	300	150	N	10	N	300	N	10	20	<.10	N	N
5003	500	150	N	30	N	300	N	10	40	<.10	N	N
5004	500	200	N	50	N	1,000	N	10	15	<.10	N	N
5005	500	200	N	30	N	200	N	10	60	<.10	N	N
5006	300	300	<50	30	N	200	N	50	60	.10	N	N
5007	500	150	N	50	N	700	N	<10	25	<.10	N	N
5008	500	150	N	100	N	700	N	<10	25	<.10	N	N
5009	200	500	N	70	N	1,000	N	10	50	.10	N	N
5010	500	300	N	50	N	500	N	10	60	<.10	N	N
5011	500	200	N	50	N	300	N	20	70	.10	N	N
5012	200	150	N	30	N	200	N	160	75	.10	N	4

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5013	61 45 33	149 25 37	3.0	1.0	.70	.50	1,000	N	N	N	200	300	1.0
5014	61 45 44	149 29 32	7.0	1.0	1.00	.70	2,000	N	N	N	200	300	1.0
5015	61 59 59	149 22 8	2.0	1.0	1.50	.20	700	N	N	N	10	500	1.5
5016	62 0 34	149 27 40	1.5	.5	1.00	.15	500	N	N	N	20	500	1.5
5017	61 59 59	149 30 37	1.5	.7	.70	.20	500	N	N	N	20	200	1.5
5018	61 56 18	149 30 58	2.0	.5	1.00	.20	700	N	N	N	15	500	1.0
5019	61 54 49	149 28 42	10.0	1.5	2.00	.70	1,000	N	N	N	10	500	1.0
5020	61 54 3	149 44 53	10.0	1.5	1.50	.50	700	N	N	N	10	500	<1.0
5021	61 49 48	149 39 28	10.0	1.5	1.50	.70	1,000	N	N	N	<10	700	<1.0
5022	61 51 33	149 27 26	10.0	1.5	1.50	.50	700	N	N	N	15	500	<1.0
5023	61 51 47	149 18 13	7.0	2.0	1.50	.30	700	N	N	N	20	300	<1.0
5024	61 47 42	149 16 48	7.0	1.5	1.00	.50	700	N	N	N	50	300	<1.0
5025	61 45 57	149 15 59	7.0	1.0	1.00	.50	500	N	N	N	70	500	<1.0
5026	61 44 50	149 13 50	10.0	1.5	1.50	.50	700	N	N	N	30	200	<1.0
5027	61 44 53	149 13 39	5.0	1.0	.70	.70	700	N	N	N	150	500	1.0
5028	61 40 57	149 21 30	5.0	1.0	1.00	.70	1,000	N	N	N	50	500	<1.0
5029	61 43 50	149 7 45	3.0	1.0	.70	.50	1,000	N	N	N	100	700	1.5
5030	61 41 18	149 30 21	3.0	1.0	1.00	.50	700	N	N	N	30	300	N
5031	61 21 36	148 11 56	5.0	1.5	1.00	.70	1,000	N	N	N	70	500	1.0
5032	61 23 43	148 9 18	2.0	1.0	.70	.30	500	N	N	N	50	500	<1.0
5033	61 21 26	148 14 46	3.0	1.0	.50	.50	500	N	N	N	50	500	<1.0
5034	61 20 15	148 16 10	2.0	1.0	.30	.70	500	N	N	N	70	500	1.0
5035	61 17 20	148 18 12	3.0	1.5	.70	.50	700	N	N	N	70	1,000	1.0
5036	61 17 16	148 18 56	3.0	1.0	.50	.50	700	N	N	N	70	700	<1.0
5037	61 22 36	148 4 17	3.0	1.0	.50	.50	500	N	N	N	100	700	1.0
5038	61 28 2	148 4 14	7.0	1.5	.70	.70	1,000	.5	N	N	100	1,500	1.0
5039	61 29 49	148 15 28	5.0	1.5	.70	.70	700	<.5	N	N	100	1,000	1.0
5040	61 31 18	148 17 35	5.0	1.5	.50	.70	500	.5	N	N	100	1,000	1.0
5041	61 27 58	148 17 21	5.0	1.5	.70	.70	700	<.5	N	N	150	1,000	1.5
5042	61 26 5	148 17 5	3.0	1.5	.50	.50	700	<.5	N	N	100	1,000	1.0
5043	61 46 34	149 33 0	5.0	1.0	.70	.70	700	N	N	N	50	500	2.0
5044	61 45 56	149 31 38	7.0	1.0	1.00	.50	2,000	N	200	N	150	300	<1.0
5045	61 46 39	149 34 54	.5	.1	.50	.10	200	N	N	N	10	150	N
5046	61 49 39	149 18 37	10.0	1.5	1.00	.30	1,000	N	N	N	20	200	N
5047	61 50 5	149 23 47	7.0	1.0	1.00	.20	700	N	N	N	100	700	1.0
5048	61 50 4	149 24 7	3.0	.7	.70	.20	500	N	N	N	150	500	1.0
5049	61 25 15	148 25 51	5.0	1.0	.20	.50	700	<.5	N	N	150	700	<1.0
5050	61 19 31	148 27 33	5.0	1.0	.20	.50	700	N	N	N	150	700	1.0
5051	61 16 47	148 28 20	5.0	1.0	.70	.50	700	N	N	N	150	700	1.5
5052	61 11 59	148 23 51	5.0	1.0	1.00	.50	700	N	N	N	100	500	<1.0
5053	61 11 32	148 24 10	5.0	1.5	1.00	.50	1,000	N	N	N	150	1,000	1.0
5054	61 20 3	148 34 24	5.0	1.0	.50	.50	700	N	N	N	150	1,000	1.0
5055	61 13 58	148 27 17	5.0	1.0	.70	.50	700	N	N	N	150	500	1.0
5056	61 10 31	148 24 15	3.0	1.0	.70	.30	700	N	N	N	50	1,000	1.0
5057	61 10 23	148 29 58	3.0	1.0	.30	.30	500	N	N	N	70	500	1.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5013	N	N	20	200	20	N	N	N	50	15	N	30	N
5014	N	N	20	500	20	N	N	N	50	15	N	20	N
5015	N	N	10	10	20	N	N	N	10	15	N	15	N
5016	N	N	7	10	10	N	N	N	10	30	N	5	N
5017	N	N	5	15	10	70	N	N	10	20	N	<5	N
5018	N	N	5	15	15	100	N	N	<5	20	N	5	N
5019	N	N	20	100	20	100	N	<20	15	20	N	20	N
5020	N	N	20	70	20	100	N	N	10	20	N	20	N
5021	N	N	20	150	20	100	N	N	20	20	N	20	N
5022	N	N	20	70	30	100	N	N	10	20	N	20	N
5023	N	N	20	50	50	N	N	N	20	20	N	20	N
5024	N	N	20	50	50	N	7	N	15	20	N	20	N
5025	N	N	20	50	30	20	N	N	15	20	N	20	N
5026	N	N	20	100	30	N	N	N	15	20	N	15	N
5027	N	N	20	70	30	N	N	N	30	20	N	20	N
5028	N	N	20	70	20	N	N	N	15	15	N	20	N
5029	N	N	20	50	30	N	N	N	30	20	N	15	N
5030	N	N	10	70	20	N	N	N	15	15	N	15	N
5031	N	N	20	70	50	N	N	N	50	15	N	20	N
5032	N	N	20	100	20	N	N	N	50	20	N	15	N
5033	N	N	20	70	20	N	N	N	50	15	N	15	N
5034	N	N	20	70	30	<20	N	N	50	10	N	20	N
5035	N	N	30	150	30	N	N	N	50	20	N	20	N
5036	N	N	50	150	30	N	N	N	50	30	N	20	N
5037	N	N	30	100	30	N	N	N	70	20	N	20	N
5038	N	N	30	150	50	30	N	N	100	50	N	30	N
5039	N	N	30	150	30	30	N	N	70	30	N	20	N
5040	N	N	30	200	50	<20	N	N	100	30	N	20	N
5041	N	N	30	200	50	30	N	N	70	30	N	30	N
5042	N	N	30	100	50	N	N	N	70	30	N	20	N
5043	N	N	20	50	15	50	N	N	10	30	N	10	N
5044	N	N	20	300	20	N	N	N	50	30	N	20	N
5045	N	N	N	N	10	N	N	N	N	<10	N	N	N
5046	N	N	20	50	30	50	N	N	10	20	N	20	N
5047	N	N	15	50	20	100	N	N	7	20	N	10	N
5048	N	N	10	15	15	50	N	N	10	20	N	10	N
5049	N	N	30	150	50	N	N	N	50	15	N	20	N
5050	N	N	20	150	20	N	N	N	50	20	N	20	N
5051	N	N	30	100	30	N	N	N	50	15	N	20	N
5052	N	N	20	100	30	N	N	N	30	15	N	20	N
5053	N	N	30	200	20	N	N	N	50	15	N	30	N
5054	N	N	30	150	50	N	N	N	50	30	N	20	N
5055	N	N	20	70	20	N	N	N	50	15	N	20	N
5056	N	N	20	200	20	N	N	N	50	15	N	15	N
5057	N	N	20	150	20	N	N	N	50	15	N	15	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
5013	200	200	N	50	N	300	N	50	65	.10	N	2
5014	200	200	N	50	N	1,000	N	150	60	.10	N	N
5015	500	100	N	20	N	100	N	10	30	.10	N	N
5016	700	100	N	10	N	200	N	10	65	.10	N	N
5017	500	100	N	20	N	100	N	10	35	.10	N	N
5018	500	150	N	30	N	200	N	10	45	.10	N	N
5019	500	300	N	100	N	>1,000	N	10	40	.10	N	N
5020	500	300	N	50	N	1,000	N	<10	65	.10	N	N
5021	500	200	N	50	N	1,000	N	10	65	<.10	N	N
5022	500	200	N	50	N	1,000	N	10	45	<.10	N	N
5023	300	200	N	20	N	300	N	20	80	.10	N	N
5024	200	200	N	20	N	500	N	20	60	.10	N	N
5025	300	200	N	50	N	700	N	50	65	.10	N	N
5026	500	200	N	30	N	1,000	N	20	40	<.10	N	N
5027	300	200	N	30	N	500	N	20	75	.10	N	N
5028	300	200	N	20	N	1,000	N	30	65	.10	N	N
5029	300	150	N	15	N	150	N	20	95	.10	N	N
5030	300	200	N	15	N	500	N	20	55	<.10	N	N
5031	300	200	N	20	<200	100	N	10	90	.10	N	<2
5032	N	150	N	20	N	150	N	10	90	.10	N	<2
5033	150	150	N	15	N	100	N	10	95	.10	N	2
5034	150	150	N	20	N	150	N	<10	75	<.10	N	2
5035	200	150	N	30	N	200	N	<10	95	.10	N	N
5036	100	150	N	30	N	200	N	10	150	.30	N	N
5037	150	100	N	20	<200	100	N	10	110	.20	N	N
5038	150	200	N	30	200	150	N	20	130	.20	N	4
5039	150	200	N	30	N	200	N	10	120	.20	N	2
5040	N	200	N	30	N	150	N	40	140	.20	N	4
5041	200	200	N	50	<200	200	N	10	160	.30	N	4
5042	150	150	N	30	<200	200	N	20	120	.20	N	<2
5043	300	200	N	30	N	700	N	<10	45	.10	2	N
5044	200	200	N	50	N	>1,000	N	160	65	.10	N	2
5045	N	50	N	N	N	30	N	N	60	.10	N	N
5046	500	200	N	30	N	1,000	N	<10	60	.10	N	N
5047	300	300	N	30	N	>1,000	N	30	130	.10	N	N
5048	300	100	N	20	N	500	N	30	45	<.10	N	2
5049	<100	200	N	30	N	200	N	10	140	.10	N	2
5050	200	200	N	30	<200	150	N	10	120	.20	N	N
5051	200	200	N	30	N	150	N	30	85	.20	N	14
5052	300	200	N	20	N	100	N	<10	90	<.10	N	N
5053	300	200	N	20	N	100	N	<10	85	.10	N	N
5054	200	200	N	30	<200	100	N	30	110	.20	N	2
5055	200	200	N	30	N	150	N	<10	90	.10	N	N
5056	200	150	N	10	N	100	N	<10	90	.20	N	N
5057	200	150	N	20	N	200	N	<10	70	.10	N	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5058	61 15 55	148 44 48	5.0	1.0	.20	.50	700	N	N	N	100	1,000	1.0
5059	61 15 43	148 44 31	3.0	1.0	.20	.30	500	N	N	N	100	500	<1.0
5060	61 25 54	148 42 10	5.0	1.0	.50	.50	700	N	N	N	150	700	1.5
5061	61 19 35	148 42 11	5.0	1.5	.50	.50	700	N	N	N	150	1,000	1.0
5062	61 20 41	148 41 36	5.0	1.5	.70	.50	1,000	N	N	N	100	1,000	1.0
5063	61 13 58	148 35 51	3.0	1.0	.50	.30	700	N	N	N	100	700	1.0
5064	61 5 39	148 43 55	5.0	1.0	.30	.50	500	N	N	N	150	700	<1.0
5065	61 22 57	148 45 28	3.0	1.0	.50	.50	700	N	N	N	100	700	1.0
5066	61 27 24	149 2 43	5.0	1.0	.20	.30	700	N	N	N	150	500	1.0
5067	61 22 47	149 3 16	5.0	1.0	.70	.30	700	N	N	N	150	700	2.0
5068	61 21 26	148 59 33	2.0	1.0	1.00	.20	500	N	N	N	50	200	<1.0
5069	61 21 35	149 2 7	3.0	1.0	.20	.30	1,000	N	N	N	150	500	1.5
5070	61 14 7	148 51 40	5.0	1.0	.30	.30	700	N	N	N	150	700	1.0
5071	61 15 3	148 54 5	5.0	1.0	.15	.30	700	N	N	N	150	700	1.0
5072	61 15 2	148 54 11	3.0	1.0	.20	.30	700	N	N	N	150	700	1.0
5073	61 23 5	149 1 41	5.0	1.0	.70	.50	1,000	<.5	N	N	200	700	1.5
5074	61 24 26	149 6 9	3.0	1.0	2.00	.30	700	1.5	N	N	100	500	1.0
5075	61 22 12	149 10 45	3.0	1.0	.20	.50	500	N	N	N	150	700	1.0
5076	61 22 20	149 10 33	5.0	1.0	.20	.50	700	N	N	N	100	700	1.0
5077	61 22 10	149 10 34	5.0	1.0	.15	.50	700	N	N	N	150	700	1.0
5078	61 14 30	149 6 20	5.0	1.5	1.50	.50	1,000	N	N	N	70	700	<1.0
5079	61 14 34	149 6 25	5.0	1.5	1.00	.50	1,000	N	N	N	50	500	<1.0
5080	61 16 43	149 8 7	5.0	1.0	1.00	.50	700	N	N	N	150	700	N
5081	61 17 11	149 9 19	5.0	1.0	.20	.50	1,000	<.5	N	N	150	700	1.5
5082	61 30 27	148 59 45	7.0	1.5	.50	.50	700	N	N	N	100	700	<1.0
5083	61 18 42	149 11 18	3.0	.7	.20	.30	500	N	N	N	100	500	<1.0
5084	61 18 39	149 12 45	5.0	1.0	.30	.50	700	N	N	N	200	1,000	2.0
5085	61 19 28	149 15 43	3.0	.7	.20	.30	700	N	N	N	150	700	1.0
5086	61 22 32	149 21 6	3.0	1.0	.70	.50	700	N	N	N	70	500	<1.0
5087	61 22 45	149 20 42	7.0	1.5	1.00	.70	1,000	N	N	N	70	500	1.0
5088	61 22 9	149 25 59	5.0	1.0	.70	.50	1,000	N	N	N	100	500	1.0
5089	61 20 35	149 30 22	5.0	1.5	1.00	.50	1,000	N	N	N	50	500	<1.0
5090	61 14 45	148 59 20	7.0	1.5	1.50	.70	1,000	N	N	N	50	500	1.0
5091	61 12 42	149 1 35	7.0	1.5	2.00	.50	1,500	N	N	N	300	700	1.0
5092	61 13 20	149 4 40	5.0	1.5	1.00	.50	1,000	N	N	N	50	700	<1.0
5093	61 12 22	149 6 5	5.0	1.5	1.50	.50	1,000	N	N	N	100	700	<1.0
5094	61 10 14	149 8 28	5.0	1.5	.50	.50	1,000	N	N	N	150	1,000	1.0
5095	61 13 8	149 15 5	5.0	1.5	1.50	.50	1,000	N	N	N	100	500	<1.0
5096	61 11 2	149 16 27	1.5	.5	.70	.20	300	N	N	N	20	100	<1.0
5097	61 14 35	149 22 24	5.0	1.0	.70	.50	700	N	N	N	100	700	<1.0
5098	61 14 36	149 22 32	3.0	1.0	.50	.50	1,000	N	N	N	100	500	<1.0
5099	61 16 31	149 21 42	3.0	1.0	.50	.50	700	N	N	N	100	500	<1.0
5100	61 12 41	149 24 21	5.0	1.5	1.00	.70	1,000	<.5	N	N	70	700	1.0
5101	61 0 29	149 1 2	5.0	1.5	.20	.70	1,000	<.5	N	N	150	1,000	1.5
5102	61 1 38	149 6 26	5.0	2.0	.50	.70	1,000	<.5	N	N	100	1,500	1.5

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5058	N	N	30	150	30	N	N	N	50	20	N	20	N
5059	N	N	15	70	20	N	N	N	50	15	N	15	N
5060	N	N	20	100	20	N	N	N	50	20	N	20	N
5061	N	N	20	150	30	N	N	N	70	20	N	20	N
5062	N	N	30	200	50	N	N	N	50	20	N	20	N
5063	N	N	15	100	20	N	N	N	50	15	N	15	N
5064	N	N	20	150	30	N	N	N	50	15	N	20	N
5065	N	N	20	100	20	N	N	N	50	20	N	20	N
5066	N	N	20	200	30	30	N	N	50	20	N	20	N
5067	N	N	30	150	30	N	N	N	50	20	N	20	N
5068	N	N	15	100	20	N	N	N	15	10	N	15	N
5069	N	N	20	100	30	N	N	N	50	15	N	20	N
5070	N	N	20	100	30	N	N	N	50	15	N	20	N
5071	N	N	20	100	30	N	N	N	50	15	N	20	N
5072	N	N	20	100	30	N	N	N	50	15	N	20	N
5073	N	N	30	100	30	N	N	N	50	20	N	20	N
5074	N	N	20	70	20	N	N	N	30	15	N	20	N
5075	N	N	20	100	30	N	N	N	50	15	N	20	N
5076	N	N	20	100	30	N	N	N	50	15	N	20	N
5077	N	N	20	100	30	N	N	N	50	20	N	20	N
5078	N	N	20	70	20	N	N	N	20	<10	N	20	N
5079	N	N	20	70	30	N	N	N	20	20	N	20	N
5080	N	N	20	150	20	N	N	N	30	10	N	20	N
5081	N	N	30	150	50	N	N	N	50	30	N	20	N
5082	N	N	20	100	30	N	N	N	50	20	N	20	N
5083	N	N	15	100	20	N	N	N	30	15	N	15	N
5084	N	N	30	200	50	N	N	N	70	30	N	20	N
5085	N	N	20	70	30	N	N	N	50	20	N	15	N
5086	N	N	20	150	20	N	N	N	50	10	N	20	N
5087	N	N	30	700	20	N	N	N	70	15	N	20	N
5088	N	N	30	200	30	N	N	N	70	20	N	20	N
5089	N	N	30	500	20	N	N	N	70	15	N	30	N
5090	N	N	30	300	20	N	N	N	50	15	N	30	N
5091	N	N	50	70	30	N	N	N	50	20	N	20	N
5092	N	N	30	70	30	N	N	N	30	15	N	20	N
5093	N	N	30	100	20	N	<5	N	30	20	N	20	N
5094	N	N	30	150	30	N	N	N	50	20	N	20	N
5095	N	N	30	200	30	N	N	N	50	20	N	20	N
5096	N	N	10	20	10	N	N	N	15	10	N	10	N
5097	N	N	30	100	30	N	N	N	50	20	N	20	N
5098	N	N	20	70	20	N	N	N	50	20	N	20	N
5099	N	N	20	100	20	N	N	N	50	15	N	15	N
5100	N	N	30	100	30	N	5	N	30	20	N	30	N
5101	N	N	30	150	30	<20	N	N	70	20	N	30	N
5102	N	N	30	200	50	50	N	N	70	30	N	30	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
5058	100	200	N	20	N	100	N	<10	250	.10	N	N
5059	<100	150	N	15	N	70	N	20	130	.20	N	N
5060	200	200	N	20	<200	100	N	10	110	.20	N	N
5061	150	200	N	20	<200	100	N	30	110	.10	N	4
5062	150	200	N	20	N	100	N	20	200	.20	N	N
5063	150	150	N	15	N	100	N	N	70	.10	N	N
5064	<100	150	N	15	N	100	N	10	160	.20	N	4
5065	100	200	N	20	N	100	N	10	160	.20	N	<2
5066	150	200	N	20	200	100	N	20	210	.20	N	4
5067	200	150	N	20	<200	150	N	10	140	.20	N	N
5068	200	150	N	15	N	50	N	<10	190	.10	N	N
5069	150	200	N	20	<200	100	N	10	120	.30	N	2
5070	100	200	N	20	<200	100	N	20	220	.20	N	<2
5071	100	200	N	20	<200	100	N	20	270	.30	N	N
5072	<100	150	N	20	N	100	N	10	150	.20	N	N
5073	150	200	N	20	<200	100	N	20	170	.20	N	4
5074	500	150	N	20	N	70	N	10	120	.60	N	N
5075	150	200	N	20	<200	150	N	10	130	.20	N	N
5076	150	200	N	20	N	150	N	30	120	.20	N	N
5077	150	200	N	20	<200	150	N	20	140	.20	N	N
5078	500	200	N	20	N	100	N	<10	75	.10	N	N
5079	300	200	N	20	N	100	N	10	100	.10	N	N
5080	300	200	N	20	N	100	N	10	90	.10	N	N
5081	100	200	N	20	<200	150	N	40	150	.20	N	N
5082	200	200	N	30	N	150	N	10	110	.20	N	N
5083	<100	100	N	15	N	100	N	10	110	.20	N	N
5084	150	200	N	30	<200	150	N	10	130	.20	N	N
5085	100	150	N	20	N	100	N	10	130	.20	N	N
5086	200	200	N	20	N	150	N	10	85	.10	N	N
5087	300	200	N	20	N	200	N	10	80	.10	N	N
5088	200	200	N	20	N	100	N	10	110	.40	N	N
5089	200	300	N	70	<200	150	N	<10	80	.20	N	N
5090	500	200	N	20	N	100	N	10	75	.20	N	N
5091	700	200	N	20	<200	100	N	10	110	.20	N	N
5092	500	200	N	20	N	300	N	10	85	.10	N	N
5093	500	200	N	20	N	70	N	20	80	.20	N	N
5094	200	200	N	20	N	100	N	20	140	.20	N	<2
5095	500	200	N	20	N	100	N	10	95	.20	N	N
5096	200	100	N	10	N	50	N	10	90	.20	N	N
5097	200	200	N	20	N	100	N	10	110	.20	N	N
5098	200	200	N	20	N	100	N	10	110	.20	N	4
5099	150	200	N	15	N	100	N	10	110	.20	N	2
5100	500	200	N	50	<200	150	N	20	130	.20	N	N
5101	200	200	N	70	<200	150	N	20	110	.20	N	2
5102	200	300	N	50	N	200	N	30	110	.20	N	2

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5103	61 4 58	149 1 8	5.0	1.5	.50	.50	1,000	<.5	N	N	100	700	1.0
5104	61 5 34	149 1 52	5.0	2.0	.70	.50	1,000	<.5	N	N	100	1,000	1.5
5105	60 59 48	149 9 41	7.0	2.0	.50	.50	1,000	<.5	N	N	100	1,000	1.5
5106	61 3 27	149 18 6	3.0	1.5	.30	.50	1,000	<.5	N	N	70	1,000	1.0
5107	61 2 44	149 13 42	5.0	2.0	.30	.50	1,000	<.5	N	N	100	1,500	1.5
5108	61 4 51	149 20 57	5.0	2.0	.70	.70	1,500	<.5	N	N	150	1,000	2.0
5109	61 1 46	149 24 51	5.0	2.0	1.00	.50	1,500	N	N	N	100	700	1.5
5110	61 2 37	149 24 43	5.0	2.0	1.00	.70	1,500	<.5	N	N	150	1,500	1.5
5111	61 5 54	149 14 40	5.0	2.0	1.00	.50	1,500	<.5	N	N	100	1,000	1.5
5112	61 5 48	149 14 45	5.0	2.0	.50	.50	1,500	N	N	N	150	1,000	1.0
5113	61 5 58	149 17 34	3.0	1.5	.50	.50	1,500	N	N	N	100	1,000	1.0
5114	61 7 58	149 21 10	5.0	1.5	1.00	.70	1,500	N	N	N	150	700	1.0
5115	61 8 14	149 24 4	5.0	3.0	2.00	.50	2,000	N	N	N	50	500	1.0
5116	61 8 10	149 24 1	5.0	1.5	1.50	.50	1,000	N	N	N	150	700	1.0
5117	61 12 17	149 28 23	7.0	2.0	2.00	.50	1,500	N	N	N	70	700	1.0
5118	61 10 18	149 27 22	2.0	1.0	1.00	.50	700	N	N	N	30	300	1.0
5119	61 7 5	149 27 59	7.0	2.0	1.50	1.00	1,000	N	N	N	50	1,000	1.5
5120	61 5 15	149 29 58	7.0	2.0	1.50	1.00	1,500	<.5	N	N	100	1,500	1.5
5121	61 3 26	149 29 33	5.0	2.0	1.00	1.00	1,000	<.5	N	N	100	1,000	1.0
5122	61 0 43	149 27 46	3.0	1.5	.50	.50	1,000	<.5	N	N	100	1,000	1.5
5123	60 58 27	149 21 0	5.0	1.5	1.00	.50	1,000	<.5	N	N	70	1,000	1.5
5124	60 58 8	149 17 21	5.0	2.0	.70	.70	1,000	<.5	N	N	70	1,000	1.0
5125	60 59 8	149 20 19	5.0	2.0	1.00	.50	1,000	<.5	N	N	100	1,500	1.0
5126	61 6 14	148 59 40	5.0	2.0	.30	.70	1,000	.5	N	N	100	1,000	1.0
5127	61 8 15	149 1 50	5.0	1.5	.15	.70	1,000	<.5	N	N	150	1,000	1.0
5128	61 6 18	149 5 43	5.0	2.0	.50	.50	1,000	N	N	N	100	1,500	1.0
5129	61 4 45	149 7 4	5.0	2.0	.70	.50	1,000	<.5	N	N	100	1,500	1.5
5130	61 6 58	149 10 45	5.0	1.5	.20	.50	1,000	N	N	N	100	1,500	1.0
5131	61 5 43	148 48 26	7.0	2.0	.70	.50	1,500	<.5	N	N	150	1,500	1.0
5132	61 5 43	148 47 42	5.0	2.0	.70	.50	1,000	<.5	N	N	150	1,500	1.0
5133	61 5 39	148 38 5	5.0	1.5	.50	.50	1,000	<.5	N	N	100	1,500	1.0
5134	61 7 11	147 0 34	5.0	2.0	.70	.50	1,000	<.5	N	N	100	1,500	2.0
5135	61 7 28	147 0 29	5.0	2.0	.20	.70	1,000	<.5	N	N	100	1,000	1.5
5136	61 5 55	147 21 0	3.0	1.5	.20	.70	1,000	<.5	N	N	150	1,000	1.5
5137	61 12 15	147 2 19	5.0	2.0	.70	.70	1,000	<.5	N	N	150	1,500	2.0
5138	61 11 22	147 5 20	3.0	2.0	1.50	.50	1,000	N	N	N	50	1,000	2.0
5139	61 3 18	147 5 50	3.0	2.0	1.00	.70	1,000	<.5	N	N	100	1,500	1.5
5140	61 4 57	147 6 32	7.0	2.0	1.00	.70	1,500	<.5	N	N	150	1,500	1.5
5141	61 5 45	147 21 57	3.0	1.5	.20	.50	700	<.5	N	N	100	1,000	1.0
5142	61 6 30	147 25 12	7.0	2.0	.70	.70	1,500	N	N	N	100	1,000	1.5
5143	61 4 13	147 26 41	7.0	2.0	.50	.70	1,500	<.5	N	N	100	1,500	1.5
5144	61 10 26	148 6 17	7.0	2.0	1.00	.70	1,000	<.5	N	N	150	1,500	1.5
5145	61 7 35	148 16 20	10.0	3.0	1.50	.50	1,500	<.5	N	N	500	1,500	1.0
5146	61 6 32	148 16 23	7.0	2.0	.50	.50	1,000	<.5	N	N	200	1,500	2.0
5147	61 19 49	147 36 42	7.0	2.0	.50	.50	1,000	<.5	N	N	150	1,500	2.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5103	N	N	30	150	30	N	N	N	70	20	N	20	N
5104	N	N	30	200	30	30	N	N	100	30	N	20	N
5105	N	N	30	200	30	<20	N	N	100	30	N	30	N
5106	N	N	20	200	20	N	N	N	70	30	N	20	N
5107	N	N	20	200	20	30	N	N	70	30	N	20	N
5108	N	N	30	200	30	30	N	N	70	50	N	30	N
5109	N	N	30	150	20	<20	N	N	50	30	N	30	N
5110	N	N	50	200	50	20	N	N	70	30	N	30	N
5111	N	N	30	150	30	50	N	N	50	50	N	20	N
5112	N	N	50	200	50	50	N	N	70	50	N	30	N
5113	N	N	30	150	30	N	N	N	70	30	N	20	N
5114	N	N	50	500	50	N	N	N	50	30	N	30	N
5115	N	N	50	500	30	N	N	N	150	30	N	30	N
5116	N	N	50	700	30	N	N	N	50	20	N	30	N
5117	N	N	30	100	20	N	N	N	50	30	N	30	N
5118	N	N	15	100	20	N	N	N	20	15	N	20	N
5119	N	N	50	200	50	N	N	N	100	20	N	30	N
5120	N	N	30	200	30	N	7	N	50	20	N	30	N
5121	N	N	30	300	30	N	5	N	70	20	N	30	N
5122	N	N	30	100	20	N	N	N	50	20	N	20	N
5123	N	N	30	150	20	N	N	N	70	30	N	30	N
5124	N	N	30	200	20	N	N	N	70	30	N	30	N
5125	N	N	30	200	20	N	N	N	70	30	N	30	N
5126	N	N	30	150	30	N	<5	N	70	50	N	20	N
5127	N	N	30	150	30	20	N	N	70	20	N	20	N
5128	N	N	20	200	20	<20	N	N	70	20	N	20	N
5129	N	N	20	200	30	<20	N	N	100	30	N	30	N
5130	N	N	30	150	20	N	N	N	70	30	N	20	N
5131	N	N	50	200	50	30	N	N	100	50	N	30	N
5132	N	N	50	200	50	50	N	N	100	30	N	30	N
5133	N	N	30	200	30	30	N	N	70	20	N	30	N
5134	N	N	30	150	30	N	N	N	70	20	N	30	N
5135	N	N	30	150	30	N	N	N	50	20	N	30	N
5136	N	N	30	150	30	N	N	N	50	30	N	20	N
5137	N	N	50	100	30	50	N	N	70	30	N	20	N
5138	N	N	20	200	20	N	N	N	50	20	N	20	N
5139	N	N	20	150	20	N	N	N	50	20	N	20	N
5140	N	N	20	300	50	N	N	N	50	30	N	20	N
5141	N	N	20	70	30	N	N	N	30	20	N	20	N
5142	N	N	50	200	50	N	N	N	70	30	N	30	N
5143	N	N	20	100	50	N	N	N	30	20	N	30	N
5144	N	N	30	200	50	N	N	N	70	30	N	30	N
5145	N	N	50	200	50	N	N	N	100	50	N	30	N
5146	N	N	50	200	70	30	N	N	70	30	N	50	N
5147	N	N	20	200	50	N	N	N	70	30	N	30	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
5103	200	200	N	50	N	150	N	20	130	.10	N	2
5104	200	200	N	50	N	200	N	20	110	.20	N	N
5105	300	300	N	50	<200	150	N	30	100	.20	N	N
5106	200	200	N	50	N	150	N	20	100	.10	N	N
5107	200	200	N	50	<200	150	N	20	100	.20	N	N
5108	300	200	N	50	<200	200	N	10	130	.20	N	N
5109	300	200	N	50	<200	200	N	<10	100	.20	N	N
5110	300	300	N	50	<200	150	N	10	130	.20	N	N
5111	500	200	N	50	<200	100	N	10	150	.20	N	N
5112	200	300	N	50	N	150	N	20	170	.40	N	2
5113	300	300	N	50	N	150	N	10	110	.20	N	N
5114	500	300	N	50	N	100	N	10	110	.20	N	N
5115	500	200	N	50	N	100	N	10	90	.10	N	N
5116	500	200	N	50	N	150	N	10	110	.20	N	N
5117	500	300	N	50	N	200	N	10	95	.30	N	N
5118	300	200	N	20	N	100	N	10	100	.20	N	N
5119	300	200	N	30	N	150	N	10	130	.20	N	N
5120	500	200	N	50	<200	100	N	20	90	.20	N	N
5121	500	200	N	50	N	100	N	10	85	.10	N	N
5122	300	200	N	30	<200	150	N	20	95	.20	N	N
5123	300	200	N	50	<200	150	N	60	100	.20	N	N
5124	300	200	N	50	<200	100	N	40	120	.20	N	N
5125	300	200	N	50	<200	100	N	20	95	.20	N	N
5126	200	200	N	50	<200	100	N	30	180	.20	N	N
5127	200	200	N	50	<200	150	N	20	120	.20	N	N
5128	200	200	N	50	N	150	N	20	90	.10	N	N
5129	200	200	N	50	N	200	N	40	110	.20	N	N
5130	200	200	N	50	<200	150	N	20	130	.30	N	N
5131	300	300	N	50	N	150	N	20	170	.20	N	N
5132	300	200	N	70	<200	200	N	20	140	.20	N	N
5133	200	200	N	50	<200	150	N	20	120	1.40	N	N
5134	300	200	N	30	<200	150	N	N	95	.20	N	N
5135	200	200	N	50	N	150	N	N	95	.10	N	N
5136	150	200	N	30	N	200	N	<10	85	.20	N	2
5137	300	200	N	30	N	200	N	90	95	.20	N	2
5138	500	150	N	30	N	150	N	<10	55	.10	N	N
5139	300	200	N	30	N	150	N	N	65	<.10	N	N
5140	150	200	N	30	N	200	N	N	60	N	N	N
5141	200	150	N	20	N	200	N	N	75	.10	N	N
5142	300	200	N	30	<200	200	N	130	110	.20	N	N
5143	200	200	N	30	N	500	N	<10	75	.10	N	N
5144	300	200	N	50	<200	150	N	10	100	N	N	N
5145	500	200	N	30	N	150	N	<10	90	.20	N	N
5146	200	300	N	50	<200	200	N	40	130	.20	N	N
5147	200	300	N	50	N	200	N	20	110	.10	N	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5148	61 24 1	147 27 21	7.0	2.0	.70	.70	1,500	<.5	N	N	150	2,000	1.5
5149	61 21 31	147 36 8	7.0	2.0	1.00	.50	1,000	<.5	N	N	100	1,500	1.0
5150	61 21 33	147 36 24	2.0	2.0	1.00	.50	700	<.5	N	N	70	1,000	1.0
5151	61 11 57	147 28 25	3.0	2.0	1.00	.50	700	<.5	N	N	100	1,000	1.5
5152	61 6 47	147 28 12	3.0	1.5	.50	.50	700	N	N	N	100	1,000	1.5
5153	61 0 23	147 40 47	2.0	1.5	1.50	.50	1,000	N	N	N	20	500	1.5
5154	61 0 19	147 40 39	3.0	1.5	1.50	.50	1,000	N	N	N	20	700	1.5
5155	61 3 21	147 17 9	3.0	1.5	.20	.50	1,000	<.5	N	N	50	1,000	1.0
5156	61 1 25	147 16 22	3.0	1.5	.70	.50	1,000	N	N	N	50	1,500	2.0
5157	61 15 13	147 30 33	5.0	1.5	.50	.70	1,000	<.5	N	N	100	1,500	1.0
5158	61 14 9	147 40 23	5.0	1.5	.30	.70	1,000	<.5	N	N	150	1,500	1.5
5159	61 21 33	147 40 2	5.0	2.0	1.00	.50	1,000	<.5	N	N	70	1,500	1.5
5160	61 9 4	147 56 14	3.0	1.5	.70	.50	1,000	N	N	N	100	1,000	1.5
5161	61 2 44	147 51 0	7.0	2.0	1.00	.50	1,000	N	N	N	100	1,500	1.0
5162	61 2 5	147 52 19	7.0	2.0	.70	.50	1,000	N	N	N	100	1,500	1.5
5163	61 5 22	148 3 5	7.0	1.5	.50	.50	1,000	N	N	N	100	1,000	1.5
5164	61 6 45	147 58 16	5.0	1.5	.30	.50	1,000	N	N	N	100	1,000	1.0
6000	61 33 53	148 13 39	5.0	1.0	.50	.50	700	<.5	N	N	150	1,000	2.0
6001	61 33 32	148 13 58	7.0	1.5	.70	.50	700	N	N	N	150	1,500	1.5
6002	61 33 23	148 14 15	5.0	1.5	.50	.70	1,000	N	N	N	150	1,000	2.0
6003	61 33 15	148 14 25	5.0	1.5	1.00	.50	700	<.5	200	N	150	1,000	2.0
6004	61 32 53	148 14 42	3.0	1.5	.50	.50	500	N	N	N	100	1,000	1.0
6005	61 32 50	148 14 30	7.0	1.5	.70	.70	1,000	<.5	N	N	150	1,000	2.0
6006	61 32 5	148 14 15	7.0	1.5	.70	.50	1,000	N	N	N	150	1,000	1.5
6007	61 31 46	148 14 15	5.0	1.0	.70	.50	1,000	N	N	N	150	1,000	2.0
6008	61 31 0	148 13 35	5.0	1.0	.70	.50	700	N	N	N	100	700	1.5
6009	61 31 3	148 22 12	5.0	1.0	.70	.50	700	<.5	N	N	100	700	1.0
6010	61 31 3	148 22 20	5.0	1.0	.70	.50	700	N	N	N	100	700	1.0
6011	61 31 5	148 22 35	5.0	1.0	.20	.50	1,000	N	N	N	150	1,000	2.0
6012	61 31 28	148 23 3	5.0	1.0	.50	.50	1,000	N	N	N	150	1,000	1.5
6013	61 31 23	148 23 3	5.0	1.0	.70	.50	700	N	N	N	100	700	1.5
6014	61 14 0	148 51 40	7.0	1.0	.50	.50	700	N	N	N	150	700	1.5
6015	61 14 28	148 52 0	7.0	1.0	.70	.50	1,000	N	N	N	200	1,000	2.0
6016	61 17 38	148 55 9	7.0	1.5	1.00	.70	1,000	N	N	N	50	300	<1.0
6017	61 17 33	148 55 36	7.0	1.0	.30	.50	700	N	N	N	150	1,000	1.0
6018	61 18 38	148 56 29	7.0	1.5	1.50	.70	1,000	N	N	N	70	700	<1.0
6019	61 15 43	148 44 34	5.0	2.0	.70	.50	1,000	N	N	N	100	1,500	<1.0
6020	61 10 51	148 48 27	5.0	2.0	.20	.50	1,000	N	N	N	200	1,500	<1.0
6021	61 36 49	148 8 46	7.0	3.0	.20	1.00	1,000	<.5	N	N	200	2,000	1.0
6022	61 30 59	148 14 16	7.0	2.0	.50	.70	1,000	<.5	N	N	100	2,000	1.0
6023	61 29 27	148 1 59	10.0	5.0	1.00	1.00	1,000	.5	N	N	200	3,000	2.0

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5148	N	N	50	300	70	50	N	N	100	50	N	50	N
5149	N	N	20	200	30	N	N	N	70	20	N	30	N
5150	N	N	20	200	20	50	N	N	50	20	N	30	N
5151	N	N	20	150	20	N	N	N	70	30	N	30	N
5152	N	N	20	150	20	N	N	N	50	20	N	30	N
5153	N	N	20	100	15	N	N	N	50	20	N	20	N
5154	N	N	20	200	20	N	N	N	70	20	N	20	N
5155	N	N	20	70	30	N	N	N	50	70	N	20	N
5156	N	N	30	70	20	N	N	N	30	30	N	20	N
5157	N	N	30	150	30	N	N	N	70	20	N	30	N
5158	N	N	30	150	30	N	N	N	70	30	N	20	N
5159	N	N	50	200	50	N	N	N	70	15	N	20	N
5160	N	N	15	150	15	N	N	N	50	15	N	20	N
5161	N	N	20	200	20	20	N	N	70	20	N	30	N
5162	N	N	30	200	70	30	N	N	70	20	N	30	N
5163	N	N	20	300	20	N	N	N	50	10	N	20	N
5164	N	N	20	150	20	N	N	N	50	10	N	20	N
6000	N	N	30	200	50	N	N	N	70	20	N	20	N
6001	N	N	30	200	50	30	N	N	70	20	N	30	N
6002	N	N	20	200	50	20	N	N	70	30	N	30	N
6003	N	N	30	100	30	N	N	N	50	30	N	30	N
6004	N	N	20	200	30	N	N	N	50	20	N	30	N
6005	N	N	30	150	50	30	N	N	50	30	N	20	N
6006	N	N	30	150	50	N	N	N	70	20	N	20	N
6007	N	N	30	150	50	30	N	N	70	20	N	20	N
6008	N	N	30	100	50	<20	N	N	50	20	N	20	N
6009	N	N	30	200	30	<20	N	N	50	20	N	20	N
6010	N	N	30	150	30	50	N	N	50	20	N	20	N
6011	N	N	30	150	50	30	N	N	50	20	N	30	N
6012	N	N	30	150	50	20	N	N	70	20	N	30	N
6013	N	N	30	150	30	N	N	N	70	20	N	20	N
6014	N	N	30	150	50	N	N	N	50	15	N	20	N
6015	N	N	30	150	50	N	N	N	70	15	N	30	N
6016	N	N	30	200	50	N	N	N	50	15	N	30	N
6017	N	N	30	200	30	N	N	N	70	15	N	20	N
6018	N	N	30	50	30	N	N	N	30	10	N	20	N
6019	N	N	20	50	50	N	N	N	20	70	N	20	N
6020	N	N	30	200	100	<20	N	N	70	70	N	20	N
6021	N	N	30	200	150	50	N	N	100	100	N	50	N
6022	N	N	30	200	150	20	N	N	70	100	N	20	N
6023	N	N	50	200	200	70	N	N	100	100	N	50	N

TABLE 3. RESULTS OF ANALYSES OF STREAM-SEDIMENT AND MORAINE-SEDIMENT SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL ALASKA.--Continued

Sample	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	As-ppm aa	Zn-ppm aa	Cd-ppm aa	Bi-ppm aa	Sb-ppm aa
5148	300	300	N	50	<200	300	N	40	100	.10	N	N
5149	300	200	N	50	N	200	N	20	80	.10	N	N
5150	300	200	N	50	N	150	N	10	75	.10	N	N
5151	500	200	N	30	N	500	N	10	60	.10	N	N
5152	500	200	N	30	N	150	N	20	100	.10	N	N
5153	500	150	N	30	N	200	N	10	50	N	N	N
5154	500	200	N	30	N	150	N	10	50	N	N	N
5155	150	200	N	30	N	200	N	50	100	.20	N	N
5156	500	200	N	30	N	300	N	30	25	N	N	N
5157	300	200	N	50	N	150	N	10	95	.10	N	N
5158	200	200	N	50	N	300	N	10	95	.10	N	N
5159	300	200	N	30	N	100	N	20	110	.20	N	N
5160	300	200	N	30	N	150	N	N	60	<.10	N	N
5161	500	200	N	30	N	200	N	<10	70	.10	N	N
5162	300	300	N	50	N	150	N	20	100	.10	N	N
5163	300	200	N	30	N	150	N	N	65	.10	N	N
5164	200	200	N	30	N	100	N	N	75	N	N	N
6000	100	200	N	30	<200	150	N	50	160	.40	N	N
6001	200	200	N	50	<200	200	N	140	160	.20	N	2
6002	200	200	N	50	<200	150	N	40	140	.20	N	N
6003	200	200	<50	30	<200	200	N	230	100	.20	N	N
6004	150	200	50	30	<200	150	N	70	150	.20	N	2
6005	200	200	N	50	<200	200	N	20	130	.20	N	N
6006	200	200	N	30	<200	150	N	20	100	.20	N	N
6007	200	200	N	30	<200	200	N	40	100	.20	N	<2
6008	200	200	N	30	N	150	N	20	110	.20	N	N
6009	100	200	N	30	N	150	N	60	85	.20	N	2
6010	100	200	N	30	N	700	N	60	100	.10	N	4
6011	100	300	N	30	200	200	N	20	160	.20	N	2
6012	100	200	N	30	<200	300	N	20	160	.20	N	2
6013	150	200	N	30	<200	150	N	50	100	.20	N	N
6014	100	200	N	30	<200	150	N	10	120	.10	N	N
6015	200	200	N	30	<200	150	N	<10	110	.10	N	N
6016	200	200	N	50	N	200	N	10	110	.10	N	N
6017	<100	200	N	30	N	150	N	10	100	.10	N	N
6018	500	200	N	30	N	100	N	<10	90	.10	N	N
6019	500	200	N	50	N	200	N	10	65	N	N	N
6020	200	200	N	50	<200	200	N	10	110	.20	N	<2
6021	300	300	N	100	200	300	N	100	170	.30	N	2
6022	500	200	N	50	<200	200	N	30	140	.30	N	<2
6023	500	300	N	100	<200	300	N	40	150	.30	N	<2

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0001C	61 59 8	147 19 50	2.00	.50	1.5	1.00	1,000	N	N	N	100	>10,000
0002C	61 58 56	147 19 40	2.00	1.00	5.0	1.50	1,000	N	N	N	500	10,000
0003C	61 58 29	147 17 17	1.00	.50	2.0	>2.00	700	N	N	N	300	700
0004C	61 58 29	147 17 29	2.00	1.00	2.0	2.00	500	N	N	N	300	10,000
0005AC	61 59 46	147 17 55	.70	.70	5.0	>2.00	1,000	N	N	N	200	2,000
0006C	61 59 59	147 23 33	2.00	1.00	7.0	.50	100	N	N	N	>500	>10,000
0007C	61 57 54	147 25 22	10.00	.50	2.0	1.00	200	N	N	N	>5,000	>10,000
0008C	61 57 4	147 33 5	20.00	.50	1.0	2.00	700	2.0	N	N	500	>10,000
0009C	61 57 5	147 33 14	2.00	.50	1.0	>2.00	500	N	N	N	>5,000	>10,000
0010C	61 59 56	147 32 45	1.50	.50	1.5	>2.00	500	N	N	N	3,000	>10,000
0011C	61 58 33	147 34 9	2.00	.50	2.0	.70	500	N	N	N	>5,000	>10,000
0012C	61 55 34	147 36 13	2.00	.70	1.0	.70	500	300.0	N	200	200	>10,000
0013C	61 56 18	147 40 21	2.00	.50	1.0	2.00	500	N	N	N	200	>10,000
0014C	61 56 16	147 40 37	5.00	.20	1.0	.70	300	200.0	N	300	200	>10,000
0015C	62 1 4	147 55 18	7.00	2.00	5.0	1.50	1,000	10.0	N	200	50	5,000
0017C	61 57 53	147 46 20	10.00	.50	7.0	2.00	700	N	N	N	500	>10,000
0018C	61 57 21	147 53 19	50.00	.30	2.0	1.00	300	N	N	N	2,000	>10,000
0019C	61 59 58	148 2 3	10.00	1.00	7.0	1.00	700	N	1,000	N	100	>10,000
0020C	61 59 58	147 57 55	5.00	1.50	5.0	1.50	1,000	N	N	N	70	7,000
0021C	61 56 56	148 0 25	20.00	.30	5.0	>2.00	300	N	N	N	5,000	>10,000
0022C	61 56 51	148 1 43	15.00	.50	7.0	2.00	700	N	N	N	2,000	>10,000
0023C	61 55 40	148 6 26	10.00	.70	7.0	>2.00	700	N	N	N	>5,000	>10,000
0024C	61 53 37	148 9 18	10.00	.50	5.0	>2.00	500	50.0	N	N	2,000	>10,000
0025C	61 53 29	148 9 14	10.00	1.00	7.0	>2.00	700	7.0	N	70	>5,000	>10,000
0027C	61 53 46	147 46 57	2.00	1.00	15.0	2.00	1,500	N	N	N	200	>10,000
0029AC	61 51 35	147 51 44	15.00	1.50	3.0	1.50	700	N	N	N	1,000	>10,000
0030C	61 52 22	147 41 44	5.00	.50	1.0	.70	1,500	<1.0	N	N	100	>10,000
0031C	61 57 56	147 10 12	2.00	1.00	7.0	>2.00	1,000	N	N	N	150	3,000
0032C	61 55 22	147 18 26	2.00	.70	7.0	>2.00	700	N	N	N	150	1,500
0033C	61 53 42	147 23 21	2.00	.70	3.0	>2.00	700	N	N	N	150	>10,000
0035C	61 53 3	147 32 26	5.00	1.00	5.0	>2.00	1,000	N	N	N	5,000	>10,000
0037C	61 53 23	147 29 31	2.00	.50	2.0	>2.00	500	N	N	N	150	>10,000
0039C	61 51 57	147 35 48	5.00	.20	3.0	.30	200	<1.0	N	N	>5,000	>10,000
0040C	61 50 17	147 39 18	20.00	.10	.5	.50	500	<1.0	N	N	50	>10,000
0041C	61 46 22	147 33 48	20.00	1.50	10.0	2.00	1,000	N	N	N	>5,000	10,000
0042C	61 46 48	147 29 29	30.00	.20	1.5	1.00	1,000	10.0	N	N	500	>10,000
0043C	61 46 49	147 29 39	50.00	.50	2.0	1.00	1,000	10.0	N	N	3,000	>10,000
0044C	61 48 12	147 27 17	5.00	2.00	10.0	2.00	1,500	N	N	N	>5,000	1,000
0045C	61 50 22	147 5 24	7.00	1.50	7.0	2.00	1,000	N	N	N	>5,000	500
0046C	61 50 24	147 5 25	10.00	2.00	10.0	1.00	1,000	N	N	N	5,000	700
0047C	61 46 10	147 5 28	5.00	1.50	10.0	>2.00	1,500	N	N	N	700	5,000
0048C	61 43 55	147 5 39	2.00	.70	7.0	>2.00	700	N	N	N	150	500
0049C	61 42 10	147 5 34	5.00	1.00	5.0	>2.00	700	N	N	N	>5,000	>10,000
0050C	61 41 28	147 5 36	15.00	1.50	5.0	>2.00	700	5.0	10,000	N	5,000	1,000
0051C	61 41 6	147 5 24	10.00	.50	5.0	1.50	700	2.0	N	N	100	>10,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0001C	N	N	N	20	100	70	50	N	N	N	50
0002C	N	N	N	20	300	10	N	<10	<50	N	100
0003C	N	N	N	15	100	<10	N	<10	<50	N	150
0004C	N	N	N	50	200	500	N	<10	N	N	150
0005AC	N	N	N	10	150	N	50	N	<50	N	100
0006C	N	N	N	10	70	50	100	10	N	10	<20
0007C	N	N	N	<10	50	<10	50	20	N	10	<20
0008C	N	N	N	100	100	500	50	<10	<50	200	200
0009C	N	N	500	70	150	50	100	<10	<50	20	300
0010C	N	N	<50	20	500	<10	70	10	<50	<10	50
0011C	N	N	300	<10	200	10	70	10	N	10	20
0012C	N	N	<50	70	200	50	N	10	N	100	200
0013C	N	N	200	50	200	200	100	<10	<50	50	300
0014C	N	30	50	30	20	200	<50	N	N	50	50
0015C	<2	N	N	20	300	700	N	N	N	50	N
0017C	N	N	N	20	50	100	300	N	N	50	N
0018C	N	N	N	200	30	300	N	50	N	200	200
0019C	N	N	N	100	100	300	N	<10	N	70	<20
0020C	<2	N	N	70	300	1,000	N	<10	N	100	<20
0021C	<2	N	N	100	20	500	N	N	N	N	1,000
0022C	N	N	N	70	50	300	200	<10	N	100	150
0023C	N	N	N	20	70	300	100	20	N	50	<20
0024C	N	N	N	50	20	500	N	N	N	50	1,500
0025C	N	20	N	70	100	700	150	20	<50	N	1,000
0027C	N	N	N	<10	200	15	700	N	N	N	20
0029AC	N	N	N	50	200	100	<50	N	N	150	200
0030C	N	N	N	200	50	100	N	N	N	100	100
0031C	N	N	N	20	50	10	N	N	N	N	N
0032C	N	N	N	20	30	10	N	N	N	N	<20
0033C	N	N	N	20	500	<10	N	N	N	N	N
0035C	N	N	200	50	300	1,500	200	N	<50	50	70
0037C	N	N	N	20	300	15	N	N	N	N	N
0039C	N	N	N	50	50	200	N	<10	N	20	<20
0040C	N	N	N	200	<20	100	N	N	N	100	20
0041C	N	N	N	150	150	200	N	N	N	<10	70
0042C	N	N	N	100	70	200	100	N	100	300	200
0043C	N	N	N	200	100	300	N	N	N	300	300
0044C	N	N	N	100	100	200	N	N	N	10	50
0045C	N	N	N	150	100	300	N	N	N	20	1,000
0046C	N	N	N	100	200	300	N	<10	N	20	50
0047C	N	N	N	200	100	100	N	N	N	10	20
0048C	N	N	N	50	50	50	N	N	N	N	N
0049C	N	N	N	100	100	100	N	N	N	50	50
0050C	N	N	N	200	150	200	N	N	50	200	150
0051C	N	N	N	30	30	100	N	N	N	100	50

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0001C	N	30	<20	>10,000	30	N	500	N	>2,000	N
0002C	N	20	<20	2,000	100	200	100	N	>2,000	N
0003C	N	20	N	500	200	N	150	N	>2,000	N
0004C	N	20	20	1,500	100	N	150	N	2,000	N
0005AC	N	20	20	1,500	100	N	150	N	>2,000	N
0006C	N	<10	<20	2,000	50	N	200	N	>2,000	N
0007C	N	15	N	2,000	50	N	200	N	>2,000	N
0008C	N	20	70	N	100	N	500	2,000	>2,000	N
0009C	N	50	N	1,500	100	N	1,000	3,000	>2,000	N
0010C	N	50	50	N	200	N	500	N	>2,000	N
0011C	N	50	30	3,000	50	N	500	<500	>2,000	N
0012C	N	50	N	3,000	50	N	150	N	>2,000	N
0013C	N	70	70	3,000	100	N	1,500	N	>2,000	N
0014C	N	30	<20	2,000	30	N	500	<500	>2,000	N
0015C	N	50	N	N	200	N	500	<500	>2,000	N
0017C	N	30	N	5,000	200	N	500	500	>2,000	N
0018C	N	<10	N	700	100	N	200	1,000	>2,000	N
0019C	N	20	N	500	200	N	300	<500	>2,000	N
0020C	N	50	200	N	200	N	1,500	1,000	>2,000	N
0021C	N	70	N	1,500	150	N	500	2,000	>2,000	N
0022C	N	50	N	500	100	N	500	1,000	>2,000	N
0023C	N	50	N	2,000	200	N	500	<500	>2,000	N
0024C	N	50	N	3,000	100	N	300	2,000	>2,000	N
0025C	N	100	N	2,000	300	N	700	1,000	>2,000	N
0027C	N	20	N	1,000	200	N	700	<500	>2,000	N
0029AC	N	20	N	1,500	200	N	200	<500	>2,000	N
0030C	N	N	N	10,000	50	N	70	5,000	2,000	N
0031C	N	<10	N	700	200	N	50	<500	>2,000	N
0032C	N	<10	N	700	200	N	100	<500	>2,000	N
0033C	N	50	100	<200	200	N	700	<500	>2,000	N
0035C	N	70	500	3,000	300	N	1,000	5,000	>2,000	N
0037C	N	70	300	500	200	N	500	700	>2,000	N
0039C	N	N	N	3,000	200	N	<20	1,000	500	N
0040C	N	N	N	1,000	50	N	70	<500	>2,000	N
0041C	N	50	N	500	500	N	100	<500	1,000	N
0042C	N	N	N	10,000	100	N	300	<500	>2,000	N
0043C	N	N	N	3,000	100	N	200	<500	>2,000	N
0044C	N	30	N	1,000	200	N	100	<500	>2,000	N
0045C	N	30	N	500	200	N	100	<500	>2,000	N
0046C	N	50	N	1,000	200	N	30	<500	500	N
0047C	N	50	N	1,000	300	N	150	<500	>2,000	N
0048C	N	10	N	700	200	150	30	<500	>2,000	N
0049C	N	30	N	2,000	200	N	300	<500	>2,000	N
0050C	N	50	N	1,000	200	N	200	<500	>2,000	N
0051C	N	10	N	1,000	100	N	50	1,000	1,500	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0052C	61 38 39	147 5 35	20.00	.50	2.0	.50	1,000	10.0	1,000	N	100	>10,000
0053C	61 38 32	147 1 24	30.00	.50	2.0	2.00	1,000	10.0	1,500	N	200	>10,000
0054C	61 44 55	146 59 56	50.00	.20	1.0	.50	1,000	10.0	700	N	100	>10,000
0055C	61 50 16	147 15 0	50.00	.20	1.0	1.00	1,000	5.0	<500	N	100	10,000
0056C	61 49 18	147 12 37	5.00	1.00	7.0	1.00	1,000	N	N	N	1,500	500
0057C	61 49 23	147 12 36	7.00	.70	7.0	2.00	1,000	5.0	N	N	1,000	1,000
0058C	61 47 20	147 11 3	7.00	.70	10.0	1.50	1,000	N	N	N	2,000	5,000
0059C	61 47 18	147 11 9	5.00	.70	10.0	>2.00	1,000	N	N	N	5,000	1,000
0061C	61 47 2	147 18 48	7.00	.70	5.0	2.00	1,000	N	N	N	1,000	700
0062C	61 47 4	147 24 31	15.00	1.50	7.0	>2.00	1,000	N	N	N	2,000	1,000
0063C	61 45 48	147 21 13	5.00	1.50	7.0	2.00	1,000	N	N	N	200	500
0064C	61 42 54	147 20 53	10.00	1.00	5.0	>2.00	500	N	1,000	N	2,000	10,000
0065C	61 41 25	147 19 7	5.00	2.00	10.0	>2.00	1,000	N	N	N	1,000	500
0066AC	61 40 8	147 14 10	5.00	1.50	7.0	>2.00	500	N	N	N	200	10,000
0066C	61 49 9	147 23 21	20.00	.50	1.0	2.00	1,000	20.0	700	50	200	>10,000
0067AC	61 49 30	147 18 44	5.00	3.00	10.0	1.50	700	N	N	N	200	2,000
0067C	61 38 18	147 9 45	>50.00	.50	3.0	2.00	300	30.0	5,000	N	100	3,000
0068AC	61 49 28	147 18 39	.70	.10	.5	1.50	70	N	N	N	100	500
0068C	61 36 55	147 12 9	2.00	.50	5.0	>2.00	500	20.0	N	N	300	3,000
0069C	61 35 47	147 13 39	3.00	1.00	7.0	>2.00	700	100.0	<500	N	1,500	2,000
0070AC	61 49 39	147 17 8	3.00	1.00	7.0	>2.00	500	20.0	3,000	N	1,500	2,000
0070C	61 41 20	147 20 40	30.00	.70	5.0	>2.00	500	10.0	3,000	N	500	10,000
0071C	61 41 15	147 20 28	5.00	.20	3.0	>2.00	100	10.0	3,000	70	100	5,000
0072C	61 38 22	147 19 13	20.00	.50	3.0	>2.00	300	10.0	3,000	N	200	1,000
0073C	61 34 52	147 18 38	1.00	.50	5.0	>2.00	500	700.0	500	>1,000	1,000	5,000
0074C	61 44 13	147 23 18	20.00	1.00	10.0	2.00	1,000	20.0	N	N	2,000	2,000
0075C	61 44 20	147 27 57	15.00	1.00	7.0	>2.00	700	1.0	N	N	>5,000	1,500
0076C	61 32 12	147 36 29	20.00	.50	5.0	2.00	300	50.0	2,000	N	2,000	7,000
0077C	61 40 20	147 27 21	10.00	.50	5.0	2.00	200	50.0	10,000	100	300	1,000
0078C	61 40 30	147 27 28	7.00	1.00	7.0	>2.00	500	100.0	5,000	150	2,000	10,000
0079C	61 42 20	147 33 28	15.00	.50	10.0	2.00	500	N	N	N	>5,000	>10,000
0080C	61 43 51	147 34 59	2.00	.70	10.0	2.00	500	N	N	N	>5,000	3,000
0081C	61 32 17	147 30 55	50.00	.20	.5	.70	100	30.0	15,000	N	700	700
0082C	61 32 15	147 36 3	5.00	.50	5.0	>2.00	500	N	N	N	700	10,000
0083C	61 33 25	147 33 6	2.00	.30	5.0	>2.00	200	N	N	N	1,000	700
0084C	61 35 21	147 28 0	2.00	.50	7.0	>2.00	500	N	N	N	>5,000	1,500
0085C	61 34 28	147 18 23	10.00	1.00	7.0	>2.00	500	2,000.0	15,000	>1,000	500	1,000
0086C	61 35 2	147 17 17	3.00	1.00	5.0	>2.00	500	10.0	10,000	N	200	1,000
0087C	61 37 55	147 18 9	2.00	.50	5.0	>2.00	300	50.0	N	100	2,000	1,000
0088C	61 36 34	147 12 17	2.00	1.00	7.0	>2.00	500	70.0	N	100	300	1,000
0090C	61 41 0	147 13 18	7.00	.50	5.0	>2.00	200	70.0	2,000	70	50	7,000
0091C	61 35 19	147 12 46	10.00	.20	5.0	>2.00	200	100.0	15,000	300	100	700
0093C	61 35 40	147 6 48	10.00	.20	2.0	>2.00	200	100.0	1,000	50	100	10,000
0094C	61 36 29	147 4 8	7.00	.50	5.0	>2.00	500	50.0	15,000	200	500	3,000
0095C	61 39 30	147 2 43	5.00	.50	5.0	>2.00	300	1.0	1,000	N	70	1,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0052C	N	N	N	200	30	300	N	<10	N	300	200
0053C	N	N	N	100	70	500	<50	N	N	500	300
0054C	N	N	N	200	20	700	N	N	N	200	200
0055C	N	N	N	200	20	500	N	<10	N	200	150
0056C	N	N	N	50	100	300	N	N	N	N	N
0057C	N	N	N	50	50	700	N	N	N	N	150
0058C	N	N	N	70	50	100	N	N	N	N	50
0059C	N	N	N	30	70	50	N	N	N	N	N
0061C	N	N	N	30	50	70	N	N	N	N	20
0062C	N	N	N	700	100	1,000	N	N	N	100	<20
0063C	N	N	N	30	70	100	N	N	N	N	N
0064C	N	N	N	200	100	300	N	N	N	N	100
0065C	N	N	N	70	100	150	N	N	N	N	<20
0066AC	N	N	N	70	300	300	<50	N	50	200	200
0066C	N	N	N	200	50	300	N	20	N	300	300
0067AC	N	N	N	100	150	50	N	N	N	100	<20
0067C	N	20	N	2,000	50	500	N	N	N	2,000	5,000
0068AC	N	N	N	<10	<20	<10	N	N	N	N	<20
0068C	N	<20	N	70	100	200	100	N	50	N	10,000
0069C	N	70	N	50	200	300	50	<10	100	<10	20,000
0070AC	N	<20	N	50	500	100	N	N	50	<10	5,000
0070C	N	N	N	2,000	70	1,000	N	N	N	2,000	700
0071C	N	N	N	50	100	100	N	N	50	100	1,000
0072C	N	<20	N	200	70	500	N	N	50	500	3,000
0073C	N	N	N	30	150	100	<50	20	100	N	2,000
0074C	N	<20	N	1,000	50	500	N	N	N	100	200
0075C	N	200	N	700	50	200	N	N	N	70	200
0075C	N	30	N	300	50	500	N	N	N	500	10,000
0077C	N	<20	N	1,000	50	500	N	N	N	500	2,000
0078C	N	20	N	300	200	500	N	N	N	150	10,000
0079C	N	N	N	500	30	200	N	N	N	50	100
0080C	N	N	N	30	30	50	N	N	N	N	70
0081C	N	<20	N	500	20	500	N	N	N	700	5,000
0082C	N	<20	N	30	100	50	N	N	50	50	200
0083C	N	N	N	30	100	<10	N	N	100	N	N
0084C	N	<20	N	20	100	100	<50	N	70	N	300
0085C	N	50	N	100	150	150	200	N	70	100	7,000
0086C	N	<20	N	100	300	300	<50	N	100	50	700
0087C	N	<20	N	20	150	20	<50	N	70	N	500
0088C	N	<20	N	20	200	100	<50	N	150	N	1,000
0090C	N	20	N	70	50	20	N	N	N	100	1,000
0091C	N	20	N	30	50	100	100	N	50	100	1,000
0093C	N	200	N	30	50	150	100	N	N	100	7,000
0094C	N	<20	N	30	100	500	N	N	<50	100	500
0095C	N	N	N	10	100	100	N	N	70	70	1,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0052C	N	<10	N	2,000	50	N	70	20,000	>2,000	N
0053C	N	10	N	5,000	100	N	200	1,000	>2,000	N
0054C	N	N	N	1,000	100	N	70	5,000	>2,000	N
0055C	N	0	N	700	100	N	100	<500	>2,000	N
0056C	N	20	N	500	200	N	30	<500	1,000	N
0057C	N	20	N	1,000	200	N	50	<500	1,500	N
0058C	N	50	N	1,000	300	N	100	<500	>2,000	N
0059C	N	20	N	<200	500	N	50	<500	2,000	N
0061C	N	50	N	500	200	N	100	<500	>2,000	N
0062C	N	50	N	200	300	N	200	<500	>2,000	N
0063C	N	20	N	500	200	N	<20	<500	300	N
0064C	N	50	N	0	700	N	200	<500	>2,000	N
0065C	N	20	N	500	700	N	<20	<500	500	N
0066AC	N	50	N	2,000	500	1,000	500	<500	>2,000	N
0065C	N	<10	N	3,000	100	N	200	7,000	>2,000	N
0067AC	N	<10	N	200	200	N	<20	<500	2,000	N
0067C	N	50	N	0	100	200	700	<500	>2,000	N
0068AC	N	N	N	N	100	300	50	<500	>2,000	N
0068C	N	<10	N	0	300	N	1,000	<500	>2,000	N
0069C	N	50	50	0	300	N	500	<500	>2,000	N
0070AC	N	70	50	0	500	10,000	500	<500	>2,000	N
0070C	N	50	N	0	200	N	500	<500	>2,000	N
0071C	N	50	N	500	200	<100	300	2,000	>2,000	N
0072C	N	<10	N	N	200	N	200	<500	>2,000	N
0073C	N	70	N	0	300	2,000	1,000	<500	>2,000	N
0074C	N	50	N	<200	500	N	100	<500	>2,000	N
0075C	N	30	N	<200	500	N	500	<500	>2,000	N
0075C	N	50	N	<200	150	N	500	<500	>2,000	N
0077C	N	30	N	N	100	N	500	<500	>2,000	N
0078C	N	100	N	0	500	200	700	<500	>2,000	N
0079C	N	20	N	200	300	N	300	<500	>2,000	N
0080C	N	10	N	<200	200	N	100	<500	>2,000	N
0081C	N	<10	N	N	50	150	100	<500	>2,000	N
0082C	N	70	N	0	300	N	1,000	<500	>2,000	N
0083C	N	70	N	0	500	N	500	<500	>2,000	N
0084C	N	50	50	0	300	N	500	<500	>2,000	N
0085C	N	70	50	0	300	N	500	<500	>2,000	N
0086C	N	70	100	0	300	<100	1,000	<500	>2,000	N
0087C	N	50	30	0	300	N	500	<500	>2,000	N
0088C	N	100	100	0	300	N	500	<500	>2,000	N
0090C	N	50	N	0	200	100	1,000	<500	>2,000	N
0091C	N	50	N	0	100	N	500	<500	>2,000	N
0093C	N	50	N	0	100	N	500	<500	>2,000	N
0094C	N	100	N	500	200	1,000	500	<500	>2,000	N
0095C	N	50	N	200	200	<100	200	<500	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0096C	61 40 41	147 1 21	10.00	2.00	7.0	>2.00	2,000	200.0	N	700	200	1,000
0097C	61 35 58	147 42 21	10.00	.30	2.0	2.00	300	15.0	N	N	1,000	5,000
0098C	61 35 56	147 42 12	15.00	.70	5.0	>2.00	500	10.0	1,500	N	2,000	1,000
0099C	61 35 55	147 42 5	7.00	.50	5.0	>2.00	500	2.0	2,000	N	2,000	2,000
0100C	61 35 55	147 41 59	3.00	.50	5.0	>2.00	500	10.0	<500	N	5,000	1,000
0101C	61 35 54	147 41 53	3.00	.50	5.0	>2.00	500	N	2,000	N	700	10,000
0102C	61 37 52	147 33 20	3.00	.50	5.0	>2.00	500	100.0	N	700	150	10,000
0104C	61 33 0	147 24 22	15.00	1.00	5.0	>2.00	1,000	20.0	10,000	N	500	>10,000
0105C	61 37 10	147 49 4	1.50	.50	5.0	>2.00	500	N	N	N	300	2,000
0106C	61 37 15	147 49 10	7.00	.50	5.0	>2.00	500	300.0	10,000	1,000	1,000	10,000
0107C	61 40 30	147 47 52	30.00	.30	5.0	2.00	200	20.0	20,000	N	<20	>10,000
0108C	61 43 40	147 47 13	5.00	.50	15.0	1.50	500	N	500	N	>5,000	5,000
0109C	61 45 25	147 57 26	15.00	1.00	5.0	2.00	1,000	20.0	N	N	5,000	>10,000
0110C	61 41 33	147 56 44	15.00	1.00	5.0	>2.00	700	20.0	20,000	N	>5,000	>10,000
0111C	61 41 32	147 56 54	30.00	.20	2.0	2.00	200	200.0	10,000	300	700	10,000
0112C	61 43 28	147 55 0	7.00	1.50	7.0	2.00	1,000	N	N	N	>5,000	>10,000
0113C	61 35 23	147 46 32	5.00	.20	2.0	>2.00	200	N	1,000	N	2,000	>10,000
0114C	61 36 5	147 43 17	7.00	1.00	2.0	2.00	700	N	N	N	2,000	10,000
0115C	61 37 11	147 41 5	2.00	.50	7.0	1.50	300	N	N	N	150	>10,000
0116C	61 38 19	147 40 5	5.00	1.00	5.0	>2.00	500	5.0	3,000	N	100	>10,000
0117C	61 41 12	147 37 15	15.00	.70	7.0	>2.00	500	15.0	5,000	N	>5,000	>10,000
0118C	61 41 16	147 43 43	7.00	.70	7.0	>2.00	500	50.0	5,000	N	150	>10,000
0119C	61 44 52	147 44 9	30.00	.30	7.0	1.00	300	N	N	N	>5,000	>10,000
0120C	61 39 26	147 36 38	2.00	.50	5.0	>2.00	500	N	3,000	N	3,000	1,000
0121C	61 39 35	147 58 7	10.00	.20	2.0	>2.00	200	2,000.0	10,000	>1,000	500	7,000
0122C	61 38 11	148 3 36	15.00	.30	2.0	2.00	200	500.0	5,000	1,000	100	10,000
0123C	61 38 15	148 3 45	15.00	1.00	2.0	>2.00	700	10.0	5,000	N	2,000	>10,000
0124C	61 38 26	147 57 31	30.00	.30	2.0	2.00	200	50.0	15,000	30	20	7,000
0125C	61 38 24	147 57 39	20.00	.70	3.0	>2.00	500	10.0	7,000	N	300	10,000
0126C	61 44 49	147 55 53	1.00	.50	20.0	1.00	300	N	700	N	>5,000	>10,000
0127C	61 46 56	148 9 30	30.00	.70	3.0	1.00	300	5.0	N	N	5,000	>10,000
0128C	61 46 39	148 15 29	5.00	1.50	3.0	.50	700	N	N	N	5,000	10,000
0129C	61 46 32	148 19 16	10.00	1.50	7.0	2.00	700	N	N	N	>5,000	>10,000
0130C	61 44 18	148 21 25	15.00	2.00	5.0	2.00	700	N	N	N	3,000	>10,000
0131C	61 44 21	148 21 31	5.00	1.50	5.0	>2.00	700	N	N	N	1,500	>10,000
0132C	61 43 2	148 19 30	2.00	1.50	5.0	.50	700	N	N	N	3,000	2,000
0133C	61 42 16	148 17 40	5.00	.30	1.0	>2.00	200	N	N	N	1,500	>10,000
0134C	61 42 19	148 17 34	10.00	1.00	3.0	>2.00	700	30.0	500	N	5,000	>10,000
0135C	61 39 29	148 13 14	10.00	.50	3.0	>2.00	500	2.0	2,000	N	100	10,000
0136C	61 53 25	148 4 10	10.00	.50	2.0	1.00	500	2.0	N	N	5,000	>10,000
0137C	61 52 34	148 10 29	5.00	.20	1.5	2.00	200	N	N	N	2,000	>10,000
0138C	61 50 41	148 15 45	1.00	.70	5.0	>2.00	500	N	N	N	>5,000	>10,000
0139C	61 48 44	148 4 25	1.50	.50	2.0	>2.00	200	N	N	N	300	10,000
0140C	61 48 36	147 56 19	20.00	.20	1.0	.70	500	2.0	2,000	N	2,000	>10,000
0141C	61 49 54	147 55 33	5.00	.70	5.0	1.50	700	N	N	N	>5,000	>10,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0096C	N	N	N	50	200	300	<50	20	300	150	100
0097C	N	20	N	50	50	150	N	N	N	100	1,000
0098C	N	<20	N	100	100	150	<50	N	50	150	700
0099C	N	<20	N	50	100	200	100	N	50	100	300
0100C	N	20	N	20	70	200	<50	N	<50	50	1,000
0101C	N	N	N	20	50	50	<50	N	100	N	20
0102C	N	N	N	20	100	200	<50	N	50	N	100
0104C	N	30	N	50	100	100	200	N	<50	100	10,000
0105C	N	N	N	<10	200	10	<50	N	N	N	<20
0106C	N	50	N	100	200	500	<50	N	N	100	5,000
0107C	N	<20	N	300	70	500	N	N	N	700	3,000
0108C	2	N	N	150	20	50	N	N	N	N	200
0109C	N	N	N	200	100	200	N	50	N	200	300
0110C	2	N	N	500	150	500	N	N	50	150	10,000
0111C	N	30	N	1,000	50	500	N	N	N	500	5,000
0112C	N	N	N	700	200	300	200	N	N	100	<20
0113C	N	N	N	150	20	200	N	N	N	70	500
0114C	N	N	N	70	70	1,500	200	N	N	30	100
0115C	N	N	N	20	50	50	N	N	N	N	700
0116C	N	<20	N	30	200	100	100	N	70	<10	2,000
0117C	N	N	N	200	500	500	N	N	50	300	2,000
0118C	N	30	N	100	300	300	50	N	50	200	20,000
0119C	<2	N	N	150	<20	1,000	N	N	N	N	100
0120C	N	N	N	<10	200	<10	<50	N	100	N	2,000
0121C	N	100	N	200	70	500	N	N	N	200	10,000
0122C	N	20	N	2,000	70	1,000	N	N	N	1,000	3,000
0123C	N	N	N	200	300	1,000	N	N	70	200	1,000
0124C	N	30	N	1,000	50	500	N	N	N	700	5,000
0125C	N	N	N	200	700	500	N	N	50	500	1,500
0126C	<2	<20	N	20	20	200	N	N	N	N	<20
0127C	N	N	N	500	100	500	N	N	N	200	200
0128C	N	N	N	500	50	500	N	N	N	50	<20
0129C	N	N	N	500	100	200	N	N	N	100	<20
0130C	N	N	N	200	200	300	N	N	N	150	1,000
0131C	N	N	N	200	100	150	N	N	N	20	N
0132C	N	N	N	50	50	15	N	N	N	N	N
0133C	N	N	N	50	50	100	N	N	<50	<10	300
0134C	N	N	N	200	200	700	N	N	50	200	500
0135C	N	N	N	100	200	500	N	N	50	150	5,000
0136C	N	N	N	50	50	700	N	70	N	N	700
0137C	N	N	N	20	30	100	N	N	N	N	500
0138C	N	N	N	<10	100	10	<50	N	N	N	300
0139C	N	N	N	<10	200	20	50	N	<50	N	50
0140C	N	N	N	150	50	500	N	N	N	100	200
0141C	N	N	N	30	50	50	N	N	N	50	<20

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0096C	N	100	20	0	500	N	500	<500	2,000	N
0097C	N	30	N	500	100	N	200	<500	>2,000	N
0098C	N	50	N	500	200	N	300	<500	>2,000	N
0099C	N	50	20	200	200	N	300	<500	>2,000	N
0100C	N	50	20	1,500	200	N	300	<500	>2,000	N
0101C	N	20	<20	700	200	N	200	<500	>2,000	N
0102C	N	50	<20	500	200	N	200	<500	>2,000	N
0104C	N	50	100	0	200	1,000	700	<500	>2,000	N
0105C	N	100	N	200	300	N	700	<500	>2,000	N
0106C	N	100	N	1,000	200	500	500	<500	>2,000	N
0107C	N	10	N	2,000	100	N	300	<500	>2,000	N
0108C	N	20	N	<200	200	N	200	<500	>2,000	N
0109C	N	20	N	7,000	200	N	100	3,000	>2,000	N
0110C	N	50	200	500	500	500	200	<500	>2,000	N
0111C	N	30	N	<200	100	200	500	<500	>2,000	N
0112C	N	100	N	<200	500	N	700	<500	>2,000	N
0113C	N	30	N	500	100	N	500	<500	>2,000	N
0114C	N	50	N	500	300	N	300	<500	>2,000	N
0115C	N	10	N	500	100	N	300	<500	>2,000	N
0116C	N	70	N	1,000	200	<100	500	<500	>2,000	N
0117C	N	50	N	2,000	200	N	500	<500	>2,000	N
0118C	N	50	N	2,000	200	N	500	<500	2,000	N
0119C	N	<10	N	<200	100	N	70	<500	>2,000	N
0120C	N	70	100	N	200	N	700	<500	>2,000	N
0121C	N	50	N	N	100	1,000	500	<500	>2,000	N
0122C	N	50	N	N	70	100	300	<500	>2,000	N
0123C	N	50	N	1,000	300	200	200	1,000	>2,000	N
0124C	N	50	N	N	100	100	700	<500	>2,000	N
0125C	N	50	N	200	200	500	300	<500	>2,000	N
0126C	N	N	N	1,000	100	N	300	<500	>2,000	N
0127C	N	N	N	700	100	N	70	<500	>2,000	N
0128C	N	<10	N	500	100	N	<20	<500	2,000	N
0129C	N	50	N	500	200	N	300	<500	>2,000	N
0130C	N	50	N	1,000	200	N	500	1,000	>2,000	N
0131C	N	20	N	500	200	N	<20	<500	1,000	N
0132C	N	10	N	500	100	N	N	<500	1,500	N
0133C	N	30	N	2,000	150	N	100	<500	>2,000	N
0134C	N	50	N	1,000	300	N	200	2,000	>2,000	N
0135C	N	100	N	3,000	300	N	500	700	>2,000	N
0136C	N	20	N	10,000	100	N	100	<500	1,000	N
0137C	N	10	N	5,000	200	N	200	2,000	>2,000	N
0138C	N	100	<20	200	200	N	500	<500	>2,000	N
0139C	N	100	<20	N	200	N	500	500	>2,000	N
0140C	N	N	N	3,000	70	N	100	500	>2,000	N
0141C	N	20	N	3,000	100	<100	200	<500	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0142C	61 49 46	147 45 28	15.00	.70	3.0	.50	1,500	5.0	2,000	N	2,000	>10,000
0143C	61 49 50	147 28 6	1.00	.50	20.0	.20	200	N	1,000	N	>5,000	3,000
0144C	61 52 30	148 23 11	10.00	.70	5.0	2.00	500	1.0	N	N	>5,000	>10,000
0145C	61 52 31	148 23 0	3.00	.30	7.0	2.00	1,000	30.0	N	N	2,000	7,000
0146C	61 42 59	148 26 30	7.00	1.50	10.0	1.00	1,000	N	N	N	5,000	5,000
0147C	61 41 1	148 24 52	7.00	3.00	10.0	.50	1,000	N	N	N	2,000	2,000
0148C	61 53 39	148 21 1	7.00	.20	2.0	.70	200	N	N	N	5,000	>10,000
0149C	61 54 26	148 20 0	2.00	.50	5.0	2.00	500	N	<500	N	>5,000	>10,000
0150C	61 54 43	148 19 31	7.00	.50	3.0	2.00	200	N	1,000	N	>5,000	>10,000
0151C	61 54 48	148 19 33	3.00	.20	7.0	>2.00	1,000	N	N	N	1,000	7,000
0152C	61 58 4	148 19 16	5.00	.30	7.0	1.00	300	N	500	N	>5,000	500
0153C	61 56 27	148 17 45	5.00	.70	5.0	>2.00	500	50.0	N	300	>5,000	10,000
0154C	61 58 35	148 17 46	1.50	.20	7.0	>2.00	300	N	N	N	>5,000	500
0155C	61 58 46	148 22 47	2.00	.50	5.0	>2.00	2,000	N	N	N	>5,000	10,000
0156C	61 58 49	148 22 58	2.00	.30	3.0	>2.00	1,000	10.0	N	30	5,000	1,000
0157C	61 58 48	148 22 29	1.00	.20	7.0	1.00	300	N	N	N	>5,000	200
0158C	61 59 54	148 17 19	2.00	.50	5.0	>2.00	700	100.0	N	1,000	>5,000	>10,000
0159C	61 59 50	148 17 45	2.00	.20	5.0	>2.00	700	N	N	N	300	2,000
0160C	62 0 53	148 10 40	10.00	.70	5.0	>2.00	700	N	N	N	2,000	>10,000
0161C	61 57 58	148 12 40	1.00	.50	7.0	2.00	500	N	N	N	>5,000	1,000
0162C	61 57 30	148 25 7	2.00	.70	5.0	>2.00	1,000	N	N	N	>5,000	1,000
0163C	61 57 33	148 25 12	10.00	.50	2.0	1.00	300	N	N	N	2,000	10,000
0164C	61 57 22	148 25 15	2.00	.70	5.0	2.00	700	N	N	N	>5,000	300
0165C	61 57 10	148 25 42	7.00	.50	5.0	2.00	500	N	N	N	5,000	7,000
0166C	61 57 7	148 25 40	2.00	.50	7.0	>2.00	500	N	N	N	>5,000	200
0167C	61 54 35	148 33 39	5.00	.50	5.0	1.50	500	N	N	N	3,000	1,500
0168C	61 54 30	148 33 39	1.00	.20	1.0	.70	200	N	N	N	500	1,500
0169C	61 58 9	148 40 36	5.00	.20	5.0	1.50	500	N	N	N	500	700
0170C	61 58 8	148 40 47	15.00	.15	7.0	2.00	1,000	<1.0	N	N	50	>10,000
0171C	61 56 7	148 38 35	1.00	.20	3.0	1.00	300	N	N	N	2,000	700
0172C	61 56 9	148 38 41	2.00	.20	3.0	.70	500	N	N	N	300	700
0173C	61 54 58	148 38 35	1.50	.20	5.0	>2.00	500	N	N	N	200	>10,000
0174C	61 52 51	148 36 24	1.50	.30	5.0	1.50	500	N	N	N	500	1,000
0175C	61 50 35	148 39 32	1.00	.20	5.0	>2.00	500	N	N	N	700	500
0176C	61 49 49	148 38 37	3.00	.20	3.0	>2.00	500	N	N	N	200	1,500
0177C	61 46 16	148 41 57	1.50	.20	3.0	>2.00	300	N	N	N	300	2,000
0178C	61 46 17	148 42 3	1.50	.30	5.0	>2.00	500	N	N	N	1,000	500
0179C	61 47 50	148 50 0	2.00	.15	5.0	>2.00	500	N	N	N	500	5,000
0180C	61 48 39	147 31 54	10.00	.05	1.0	1.00	50	N	N	N	1,000	>10,000
0181C	61 44 59	147 37 12	1.50	.50	5.0	>2.00	500	N	N	N	200	1,500
0185C	61 35 24	147 57 36	2.00	.50	5.0	>2.00	500	30.0	N	70	70	1,500
0186C	61 34 53	147 55 43	10.00	.20	1.5	>2.00	500	5.0	2,000	N	500	>10,000
0187C	61 35 32	147 55 23	5.00	.50	2.0	>2.00	500	10.0	500	N	1,500	>10,000
0188C	61 40 8	148 12 50	10.00	.70	3.0	2.00	700	<1.0	N	N	5,000	10,000
0189C	61 40 11	148 12 57	15.00	.50	2.0	>2.00	500	<1.0	<500	N	700	3,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0142C	N	N	N	150	100	100	N	N	N	500	200
0143C	2	N	N	N	70	100	N	N	N	N	N
0144C	<2	N	N	100	70	200	N	N	N	<10	200
0145C	N	N	N	50	20	500	100	50	<50	N	500
0146C	N	N	N	200	200	200	N	N	N	100	20
0147C	N	N	N	200	200	200	N	N	N	150	20
0148C	N	N	N	50	20	100	N	N	N	N	<20
0149C	N	N	N	20	<20	15	N	N	N	N	<20
0150C	N	N	N	50	50	1,000	N	200	N	20	150
0151C	N	N	N	50	20	200	200	50	50	N	100
0152C	2	N	N	200	<20	200	200	200	N	50	500
0153C	2	N	N	50	200	300	200	<10	70	N	100
0154C	3	N	N	10	50	10	200	20	100	N	N
0155C	2	N	N	30	150	50	300	N	<50	N	<20
0156C	N	N	N	20	100	10	200	N	N	N	<20
0157C	2	N	N	<10	N	15	N	N	N	N	N
0158C	2	N	N	10	100	10	300	<10	70	N	<20
0159C	N	N	N	10	50	500	100	N	70	N	100
0160C	N	N	1,000	100	100	1,500	200	20	70	N	500
0161C	3	N	N	10	100	<10	200	N	<50	N	N
0162C	N	N	N	15	100	10	300	<10	50	N	<20
0163C	N	150	N	300	<20	200	N	50	N	N	500
0164C	N	N	N	<10	<20	50	200	<10	N	70	50
0165C	N	N	N	200	20	200	N	<10	N	N	<20
0166C	2	<20	N	50	50	100	50	<10	50	70	20
0167C	N	N	N	100	<20	200	N	20	N	N	<20
0168C	N	N	N	10	N	50	N	N	N	N	N
0169C	N	N	N	200	N	1,000	N	N	N	N	<20
0170C	N	N	N	100	N	1,000	300	70	70	N	500
0171C	N	N	N	10	N	20	N	20	N	N	150
0172C	N	N	N	20	N	100	N	N	N	N	<20
0173C	N	N	N	20	20	10	N	100	N	N	200
0174C	N	N	N	10	N	20	N	N	N	N	<20
0175C	N	N	N	10	30	10	500	50	70	N	N
0176C	N	N	N	20	30	20	200	30	70	N	<20
0177C	N	N	N	20	150	<10	N	N	N	N	N
0178C	N	N	N	10	30	<10	N	N	50	N	N
0179C	N	N	N	100	20	20	N	50	N	N	150
0180C	N	N	N	70	100	50	N	N	N	N	N
0181C	N	N	N	10	50	10	N	N	N	N	N
0185C	N	<20	N	20	100	20	N	N	N	<10	2,000
0186C	N	20	N	2,000	70	500	N	N	50	500	500
0187C	N	20	N	100	200	100	<50	N	50	50	700
0188C	2	N	N	100	50	100	N	N	N	100	200
0189C	N	N	N	300	100	700	N	<10	70	300	1,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0142C	N	10	N	2,000	70	N	100	1,000	>2,000	N
0143C	N	<10	N	N	50	N	50	<500	500	N
0144C	N	50	N	10,000	100	N	200	<500	>2,000	N
0145C	N	50	N	1,000	100	N	500	<500	>2,000	N
0146C	N	10	N	500	200	N	70	<500	1,500	N
0147C	N	10	N	200	200	N	50	<500	500	N
0148C	N	N	N	10,000	50	N	70	<500	1,000	N
0149C	N	50	N	200	100	N	300	<500	>2,000	N
0150C	N	30	70	5,000	100	N	200	1,000	>2,000	N
0151C	N	20	N	200	200	N	500	<500	>2,000	N
0152C	N	20	N	N	100	N	500	<500	>2,000	N
0153C	N	50	100	<200	200	N	500	1,000	>2,000	N
0154C	N	20	N	N	200	N	500	<500	>2,000	N
0155C	N	50	N	<200	200	<100	500	<500	>2,000	N
0156C	N	100	50	<200	300	N	1,000	<500	>2,000	N
0157C	N	20	N	N	100	N	300	<500	>2,000	N
0158C	N	50	N	500	300	N	700	<500	>2,000	N
0159C	N	20	N	<200	100	N	300	<500	>2,000	N
0160C	N	50	200	200	200	N	700	3,000	>2,000	N
0161C	N	30	N	N	100	N	300	<500	>2,000	N
0162C	N	50	N	<200	200	N	700	<500	>2,000	N
0163C	N	<10	N	200	70	N	150	<500	>2,000	N
0164C	N	50	N	N	200	<100	1,000	<500	>2,000	N
0165C	N	30	N	200	100	N	500	<500	>2,000	N
0166C	N	30	N	<200	100	N	300	<500	>2,000	N
0167C	N	20	N	200	100	N	500	<500	>2,000	N
0168C	N	<10	N	N	50	N	200	<500	>2,000	N
0169C	N	20	N	500	100	N	200	<500	>2,000	N
0170C	N	<10	N	3,000	150	N	300	<500	>2,000	N
0171C	N	10	N	200	70	N	100	<500	>2,000	N
0172C	N	N	N	<200	50	N	70	<500	>2,000	N
0173C	N	20	N	1,500	200	N	300	<500	>2,000	N
0174C	N	<10	N	700	100	N	100	<500	>2,000	N
0175C	N	100	20	N	300	N	700	<500	>2,000	N
0176C	N	50	<20	<200	300	N	500	<500	>2,000	N
0177C	N	20	N	200	200	N	200	<500	>2,000	N
0178C	N	20	N	500	200	N	200	<500	>2,000	N
0179C	N	50	N	300	200	N	500	<500	>2,000	N
0180C	N	20	N	3,000	300	N	<20	<500	500	N
0181C	N	10	N	300	200	N	100	<500	>2,000	N
0185C	N	50	N	300	200	300	500	<500	>2,000	N
0186C	N	30	N	2,000	150	200	200	<500	>2,000	N
0187C	N	50	N	500	200	N	500	<500	>2,000	N
0188C	N	30	N	200	300	N	100	<500	>2,000	N
0189C	N	50	N	1,000	300	N	200	5,000	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0190C	61 29 27	147 53 37	10.00	.50	2.0	>2.00	500	100.0	2,000	300	700	1,000
0191C	61 29 29	147 53 38	10.00	.50	3.0	>2.00	500	20.0	N	50	1,500	500
0192C	61 29 30	147 53 39	2.00	.15	1.0	2.00	150	>200.0	N	>1,000	5,000	500
0193C	61 28 52	147 55 25	3.00	.50	3.0	>2.00	300	20.0	<500	<20	100	5,000
0194C	61 27 37	147 57 20	1.00	.20	2.0	>2.00	150	30.0	N	50	50	700
0195C	61 26 5	147 59 41	50.00	.20	1.0	.70	200	5.0	500	N	200	2,000
0196C	61 26 13	147 59 42	5.00	.05	.2	.15	50	N	N	N	20	50
0197C	61 26 27	148 2 43	30.00	.50	1.0	1.50	300	5.0	N	N	700	7,000
0198C	61 27 48	148 7 47	50.00	.10	.7	.70	300	5.0	1,000	N	20	1,000
0201C	61 31 17	148 9 22	3.00	.50	2.0	>2.00	500	5.0	N	N	50	700
0202C	61 39 5	148 30 43	10.00	.70	5.0	1.00	500	N	N	N	3,000	>10,000
0203C	61 39 3	148 30 47	7.00	.50	2.0	.30	200	<1.0	N	N	1,000	1,500
0204C	61 40 52	148 33 10	5.00	.50	3.0	.50	200	N	N	N	2,000	1,500
0205C	61 40 56	148 33 18	2.00	1.50	5.0	1.00	300	N	N	N	100	500
0206C	61 38 44	148 36 59	1.00	1.00	5.0	1.50	300	N	N	N	200	1,000
0207C	61 44 31	148 36 14	3.00	.50	3.0	1.50	500	N	N	N	200	>10,000
0208C	61 44 25	148 36 21	5.00	2.00	3.0	.70	500	N	N	N	300	3,000
0209C	61 43 11	148 43 36	7.00	1.50	5.0	2.00	500	N	N	N	>5,000	1,000
0210C	61 40 24	148 40 42	1.50	.50	5.0	.70	500	N	N	N	200	200
0211C	61 38 30	148 40 10	2.00	.70	7.0	1.50	500	N	N	N	700	1,000
0212C	61 41 11	148 53 4	3.00	1.00	5.0	>2.00	500	N	N	N	200	7,000
0213C	61 41 16	148 53 0	2.00	.50	3.0	>2.00	500	N	N	N	100	300
0214C	61 37 59	148 50 31	7.00	1.00	5.0	2.00	500	N	N	N	700	2,000
0215C	61 37 54	148 50 49	2.00	1.00	5.0	2.00	500	N	N	N	150	100
0216C	61 34 53	148 45 1	7.00	.70	3.0	>2.00	500	N	N	N	70	1,000
0217C	61 51 44	148 46 49	3.00	.20	5.0	2.00	500	1.0	N	N	100	>10,000
0218C	61 51 44	148 46 34	2.00	.20	5.0	2.00	500	N	N	N	1,000	5,000
0219C	61 50 22	148 51 53	3.00	.30	7.0	>2.00	1,000	N	N	N	100	3,000
0220C	61 50 26	148 51 54	5.00	.50	5.0	1.50	700	N	N	N	50	1,500
0221C	61 47 25	148 54 45	2.00	.20	1.5	1.00	500	N	N	N	50	1,500
0222C	61 47 25	148 54 40	5.00	.50	3.0	1.50	1,000	N	N	N	200	2,000
0223C	61 44 5	149 1 24	2.00	.70	5.0	2.00	700	N	N	N	100	1,000
0224C	61 47 33	149 0 36	3.00	.50	2.0	2.00	500	N	N	N	100	700
0225C	61 51 26	148 59 4	.70	.20	2.0	2.00	500	N	N	N	50	700
0226C	61 51 28	148 59 8	2.00	.70	5.0	1.00	700	N	N	N	200	10,000
0227C	61 47 43	149 6 53	2.00	.70	5.0	>2.00	700	N	N	N	50	100
0228C	61 49 27	149 11 14	1.00	.20	3.0	>2.00	500	N	N	N	20	150
0229C	61 49 28	149 11 7	1.00	.10	2.0	>2.00	500	N	N	N	20	<50
0230C	61 49 3	149 11 20	1.50	.20	5.0	>2.00	700	N	N	N	20	50
0231C	61 49 9	149 11 27	1.50	.50	5.0	>2.00	700	N	N	N	20	<50
0232C	61 48 11	149 11 49	1.00	.20	3.0	>2.00	500	5.0	N	100	20	300
0233C	61 34 54	148 19 44	2.00	1.00	10.0	1.00	1,000	N	N	N	200	200
0234C	61 33 12	148 54 30	2.00	2.00	7.0	2.00	700	N	N	N	100	700
0235C	61 31 19	148 46 53	5.00	.50	2.0	>2.00	700	N	1,500	N	50	10,000
0236C	61 31 33	148 40 45	20.00	.20	.2	1.00	1,000	2.0	<500	N	50	>10,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0190C	N	30	N	100	100	300	N	N	<50	200	2,000
0191C	N	N	N	200	100	500	<50	N	N	300	700
0192C	N	N	N	50	20	50	N	N	N	50	20
0193C	N	20	N	100	100	200	N	N	<50	100	2,000
0194C	N	<20	N	20	50	10	N	N	N	N	1,000
0195C	N	N	N	500	20	1,000	N	N	N	700	500
0196C	N	N	N	50	<20	50	N	N	N	50	50
0197C	N	N	N	500	100	1,000	N	N	N	1,000	200
0198C	N	N	N	500	20	1,000	N	N	N	1,000	500
0201C	N	N	N	30	50	150	200	N	100	100	200
0202C	<2	N	N	200	200	200	N	N	N	200	50
0203C	<2	N	N	150	20	100	N	N	N	150	50
0204C	<2	N	N	100	100	100	N	N	N	150	70
0205C	N	N	N	70	700	100	N	N	N	100	N
0206C	<2	N	N	20	100	15	N	N	N	200	N
0207C	N	N	N	30	100	700	N	N	N	100	20
0208C	<2	N	N	100	500	150	N	N	N	150	<20
0209C	N	N	N	700	300	300	N	N	N	100	N
0210C	N	N	N	10	<20	20	N	N	N	N	N
0211C	N	N	N	20	20	15	N	N	N	N	N
0212C	N	N	N	20	1,000	15	N	N	N	N	N
0213C	N	N	N	10	100	10	N	N	N	N	N
0214C	N	N	N	100	200	200	N	N	N	100	20
0215C	N	N	N	50	500	20	N	N	N	N	N
0216C	N	N	N	200	50	200	N	N	N	100	50
0217C	N	N	N	10	<20	10	N	10	<50	N	50
0218C	N	N	N	10	<20	10	N	<10	<50	N	<20
0219C	N	N	N	10	<20	10	N	10	50	N	200
0220C	<2	N	N	50	20	50	N	N	N	N	20
0221C	N	N	N	10	<20	10	100	N	N	N	<20
0222C	N	N	N	10	20	10	50	N	<50	N	50
0223C	N	N	N	10	70	20	100	<10	50	N	<20
0224C	N	N	N	30	50	50	N	10	50	N	N
0225C	N	N	N	<10	<20	30	200	10	<50	N	N
0226C	N	N	N	20	<20	50	N	10	N	N	<20
0227C	N	N	N	<10	50	50	200	20	50	N	N
0228C	N	<20	N	<10	20	50	200	50	100	N	N
0229C	N	<20	N	<10	<20	20	200	50	100	N	N
0230C	N	N	N	<10	50	50	500	20	50	N	N
0231C	N	<20	N	<10	70	50	500	30	100	N	<20
0232C	N	<20	N	<10	<20	10	100	10	<50	N	<20
0233C	N	N	N	20	50	30	N	N	N	<10	150
0234C	N	N	N	20	100	20	N	N	N	50	N
0235C	N	N	N	20	50	100	100	N	100	50	70
0236C	N	N	N	200	100	700	N	<10	N	200	300

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0190C	N	50	N	200	200	N	300	<500	>2,000	N
0191C	N	50	N	200	200	N	500	<500	>2,000	N
0192C	N	<10	N	N	70	N	200	500	>2,000	N
0193C	N	30	N	500	200	500	200	<500	>2,000	N
0194C	N	30	N	<200	200	500	200	<500	>2,000	N
0195C	N	N	N	0	50	1,000	100	500	>2,000	N
0196C	N	N	N	N	20	3,000	20	<500	>2,000	N
0197C	N	20	N	200	100	2,000	100	<500	>2,000	N
0198C	N	N	N	0	50	1,000	100	1,000	>2,000	N
0201C	N	50	N	200	200	2,000	200	<500	>2,000	N
0202C	N	<10	N	1,000	200	N	100	<500	>2,000	N
0203C	N	N	N	<200	50	N	N	<500	500	N
0204C	N	N	N	<200	50	N	N	<500	1,000	N
0205C	N	<10	N	<200	200	N	<20	<500	2,000	N
0206C	N	<10	N	<200	200	N	50	<500	1,000	N
0207C	N	<10	N	5,000	200	N	100	<500	>2,000	N
0208C	N	10	N	200	150	N	<20	<500	1,000	N
0209C	N	20	N	<200	200	N	100	<500	>2,000	N
0210C	N	N	N	<200	150	N	20	<500	>2,000	N
0211C	N	<10	N	500	200	N	N	<500	1,500	N
0212C	N	30	N	500	200	200	100	<500	>2,000	N
0213C	N	<10	N	<200	200	N	50	<500	>2,000	N
0214C	N	20	N	500	100	N	100	<500	>2,000	N
0215C	N	20	N	200	300	N	<20	<500	2,000	N
0216C	N	20	N	200	100	N	100	<500	>2,000	N
0217C	N	10	N	2,000	200	N	200	<500	>2,000	N
0218C	N	10	N	700	100	N	200	<500	>2,000	N
0219C	N	20	N	1,500	200	100	500	<500	>2,000	N
0220C	N	20	N	2,000	200	100	100	<500	>2,000	N
0221C	N	N	N	700	70	N	50	<500	2,000	N
0222C	N	20	N	2,000	150	N	100	<500	>2,000	N
0223C	N	30	N	1,000	200	N	200	<500	>2,000	N
0224C	N	20	N	500	200	N	200	<500	>2,000	N
0225C	N	50	N	200	200	<100	500	<500	>2,000	N
0226C	N	<10	N	1,500	100	200	100	<500	>2,000	N
0227C	N	50	20	0	200	N	500	<500	>2,000	N
0228C	N	30	50	N	200	150	500	<500	>2,000	N
0229C	N	70	20	N	200	100	500	<500	>2,000	N
0230C	N	100	50	N	200	200	1,000	<500	>2,000	N
0231C	N	50	70	N	500	150	1,000	<500	>2,000	N
0232C	N	50	20	200	200	2,000	500	<500	>2,000	N
0233C	N	<10	N	500	100	N	20	<500	1,500	N
0234C	N	10	N	500	150	200	20	<500	2,000	N
0235C	N	20	N	1,500	150	700	200	2,000	>2,000	N
0236C	N	N	N	3,000	50	N	50	5,000	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0238C	61 35 30	148 31 3	5.00	1.00	5.0	1.00	1,000	2.0	1,000	N	2,000	>10,000
0239C	61 32 5	148 33 44	10.00	.50	2.0	>2.00	700	1.0	2,000	N	200	2,000
0242C	61 27 36	148 29 42	30.00	.15	1.0	1.00	200	100.0	20,000	500	100	5,000
0243C	61 27 33	148 29 42	7.00	.50	1.5	2.00	1,000	N	1,000	N	100	1,000
0244C	61 29 26	148 27 40	20.00	.10	1.0	1.50	200	2.0	7,000	N	50	10,000
0245C	61 29 29	148 27 40	20.00	.20	1.0	1.50	200	2.0	5,000	N	100	5,000
0246C	61 33 50	148 23 29	20.00	.50	1.0	1.50	500	200.0	10,000	500	70	5,000
0247C	61 33 55	148 23 40	30.00	.20	1.0	1.50	200	1,000.0	10,000	>1,000	100	5,000
0248C	61 35 9	148 22 35	50.00	.30	1.0	1.50	500	10.0	7,000	N	100	10,000
0249C	61 35 10	148 22 47	30.00	.50	1.0	1.50	200	5.0	10,000	N	100	7,000
0250C	61 36 54	148 23 28	30.00	.10	.5	1.00	200	5.0	10,000	N	50	5,000
0251C	61 36 57	148 23 36	50.00	.10	.5	1.00	200	2.0	7,000	N	100	5,000
0252C	61 36 59	148 21 43	15.00	.30	2.0	2.00	300	1.0	5,000	N	50	7,000
0253C	61 34 54	148 19 43	30.00	.20	.5	1.50	500	10.0	15,000	N	50	10,000
0254C	61 34 57	148 19 44	30.00	.20	.3	2.00	300	50.0	N	N	50	10,000
0255C	61 32 17	148 3 41	15.00	.30	1.0	2.00	300	50.0	2,000	N	1,000	5,000
0300C	61 57 37	147 16 42	1.00	1.00	10.0	2.00	2,000	N	N	N	200	700
0301C	61 57 46	147 16 11	1.50	1.00	10.0	1.50	1,000	N	N	N	200	3,000
0302C	61 56 56	147 17 57	1.00	1.00	7.0	>2.00	1,000	N	N	N	5,000	3,000
0303C	61 59 49	147 21 57	2.00	.50	1.5	2.00	500	N	N	N	200	>10,000
0304C	61 59 7	147 23 16	2.00	2.00	10.0	.20	200	200.0	N	700	>5,000	>10,000
0305C	61 57 23	147 28 23	15.00	.70	2.0	1.50	500	N	N	N	>5,000	>10,000
0306C	61 57 10	147 28 7	20.00	.70	1.0	1.50	700	5.0	N	N	5,000	>10,000
0307C	61 58 48	147 23 16	5.00	.70	10.0	.20	150	N	N	N	>5,000	>10,000
0308C	61 56 54	147 29 36	1.50	2.00	2.0	>2.00	500	N	N	N	150	>10,000
0309C	61 56 56	147 29 29	20.00	.70	1.0	1.50	500	5.0	N	N	100	>10,000
0310C	61 59 58	147 34 20	2.00	.20	2.0	2.00	1,000	N	N	N	200	>10,000
0311C	61 58 44	147 34 14	1.50	.30	2.0	>2.00	1,000	500.0	N	>1,000	1,000	>10,000
0312C	61 58 49	147 34 9	3.00	.20	1.5	1.00	200	N	N	N	500	>10,000
0313C	61 58 49	147 34 17	1.50	.50	2.0	>2.00	1,000	N	N	N	2,000	>10,000
0314C	61 55 34	147 36 3	15.00	.70	1.0	2.00	1,000	50.0	N	100	2,000	>10,000
0315C	61 56 44	147 42 24	20.00	.70	5.0	.70	1,000	2.0	500	N	5,000	>10,000
0316C	61 56 31	147 42 26	1.50	.70	2.0	2.00	1,000	20.0	N	100	200	>10,000
0317C	62 1 11	147 53 7	1.00	.30	5.0	>2.00	500	20.0	N	70	5,000	1,500
0318C	61 59 31	147 46 58	30.00	.20	1.5	1.50	200	5.0	2,000	N	50	1,500
0319C	61 57 58	147 46 47	5.00	.10	1.0	.20	100	N	N	N	150	>10,000
0320C	61 58 7	147 46 57	10.00	.70	2.0	1.50	500	50.0	5,000	100	70	10,000
0321C	61 58 6	147 51 14	20.00	.50	5.0	1.50	500	15.0	N	20	3,000	>10,000
0322C	61 58 10	147 51 13	20.00	1.00	2.0	2.00	500	5.0	700	N	50	>10,000
0325C	61 58 23	147 59 18	10.00	.50	3.0	.70	500	N	700	N	300	>10,000
0326C	61 56 39	148 1 48	15.00	.50	2.0	>2.00	200	5.0	<500	N	>5,000	>10,000
0327C	61 55 26	148 6 26	20.00	.10	1.0	1.00	100	20.0	N	N	300	>10,000
0328C	61 53 1	148 10 17	15.00	1.00	5.0	2.00	500	20.0	1,000	N	>5,000	>10,000
0330C	61 55 9	147 43 58	3.00	.10	5.0	.70	500	N	N	N	20	>10,000
0331C	61 52 3	147 50 22	10.00	1.50	2.0	1.00	500	N	N	N	5,000	>10,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0239C	N	N	N	50	100	100	N	N	N	70	100
0239C	N	N	N	100	150	1,000	N	N	50	100	300
0242C	N	N	N	500	50	500	N	N	N	500	2,000
0243C	N	N	N	100	70	300	N	N	<50	100	200
0244C	N	N	N	200	50	200	N	N	N	300	2,000
0245C	N	N	N	300	50	300	N	N	N	300	1,000
0245C	N	N	N	200	70	500	N	N	N	200	500
0247C	N	N	N	200	50	500	N	N	N	300	1,000
0248C	N	N	N	1,000	100	500	N	<10	N	500	2,000
0249C	N	N	N	500	70	1,000	N	N	N	500	1,000
0250C	N	<20	N	200	20	300	N	N	N	500	2,000
0251C	N	N	N	500	20	500	N	N	N	500	1,000
0252C	N	N	N	100	70	200	200	N	70	200	500
0253C	N	N	N	500	100	700	N	N	N	700	1,500
0254C	N	N	N	300	50	3,000	N	N	N	700	10,000
0255C	N	<20	N	100	70	200	N	N	N	200	1,000
0300C	N	N	N	15	200	<10	N	N	1	N	100
0301C	N	1	N	15	70	<10	N	N	N	N	70
0302C	N	N	N	30	100	700	<50	N	N	N	100
0303C	N	N	50	10	100	20	<50	10	N	10	70
0304C	<2	N	N	<10	50	10	N	30	N	50	2,000
0305C	N	N	N	50	100	200	N	20	N	100	200
0306C	N	N	N	150	20	700	N	<10	<50	500	15,000
0307C	N	N	N	N	20	15	<50	20	N	10	N
0308C	N	N	N	50	300	50	200	N	<50	20	150
0309C	N	N	N	100	150	500	N	20	N	200	200
0310C	N	100	N	<10	20	10	200	10	N	<10	50
0311C	N	N	N	10	70	20	200	N	70	N	50
0312C	N	N	N	100	200	50	N	N	N	N	N
0313C	N	N	N	100	200	200	500	N	<50	N	300
0314C	N	N	N	100	100	500	100	10	N	150	500
0315C	N	N	N	100	50	300	200	20	N	150	150
0316C	N	N	N	70	200	200	300	N	N	50	150
0317C	N	N	N	20	200	20	N	N	N	N	<20
0318C	<2	N	N	200	100	300	N	N	N	150	<20
0319C	N	N	N	20	<20	50	N	N	N	N	N
0320C	<2	50	300	70	100	700	N	300	N	20	100
0321C	N	N	N	70	50	200	<50	N	N	100	50
0322C	N	N	N	200	100	7,000	N	N	N	200	300
0325C	N	N	N	100	70	700	N	<10	N	70	<20
0325C	N	N	N	70	50	200	N	N	N	N	10,000
0327C	N	N	<50	100	<20	300	N	<10	N	N	10,000
0329C	<2	20	<50	100	100	1,000	200	N	N	<10	500
0330C	N	N	N	20	<20	30	200	N	N	<10	20
0331C	N	N	N	150	300	100	N	N	N	200	200

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0238C	N	<10	N	700	200	100	30	<500	1,500	N
0239C	N	50	N	500	200	2,000	100	<500	>2,000	N
0242C	N	<10	N	200	50	1,000	100	1,500	>2,000	N
0243C	N	50	N	200	150	1,000	100	<500	>2,000	N
0244C	N	10	N	2,000	100	2,000	100	1,000	>2,000	N
0245C	N	10	N	200	100	500	100	1,000	>2,000	N
0246C	N	20	N	<200	100	1,000	100	1,000	>2,000	N
0247C	N	10	N	0	100	1,000	100	1,000	>2,000	N
0248C	N	<10	N	500	100	700	100	3,000	>2,000	N
0249C	N	<10	N	1,000	100	200	100	2,000	>2,000	N
0250C	N	<10	N	0	50	100	100	2,000	>2,000	N
0251C	N	<10	N	0	50	N	70	1,000	>2,000	N
0252C	N	20	N	500	100	1,000	150	2,000	>2,000	N
0253C	N	<10	N	500	70	200	200	5,000	>2,000	N
0254C	N	50	N	700	100	N	300	2,000	>2,000	N
0255C	N	50	N	<200	100	500	300	<500	>2,000	200
0300C	N	20	N	1,500	70	N	100	N	1,000	N
0301C	N	20	N	1,000	100	N	20	N	700	N
0302C	N	20	<20	1,000	100	<100	150	N	>2,000	N
0303C	N	20	N	1,000	150	N	200	N	>2,000	N
0304C	N	20	N	1,000	50	N	70	1,000	>2,000	N
0305C	N	50	N	3,000	100	N	200	2,000	>2,000	N
0306C	<200	30	N	1,000	50	N	150	3,000	>2,000	N
0307C	N	20	N	1,000	50	N	70	500	1,000	N
0308C	N	50	100	N	150	N	1,000	N	>2,000	N
0309C	N	50	50	<200	100	N	1,000	5,000	>2,000	N
0310C	N	50	N	N	100	N	700	N	>2,000	N
0311C	N	50	30	2,000	200	N	700	2,000	>2,000	N
0312C	N	10	N	2,000	100	N	200	N	>2,000	N
0313C	N	70	20	<200	200	N	1,500	2,000	>2,000	N
0314C	N	50	50	N	70	N	1,000	10,000	>2,000	N
0315C	N	20	N	N	70	N	500	1,000	>2,000	N
0316C	N	50	<20	3,000	100	N	1,000	1,500	>2,000	N
0317C	N	150	N	N	500	N	300	<500	>2,000	N
0318C	N	<10	N	N	100	N	300	<500	>2,000	N
0319C	N	N	N	7,000	50	N	50	<500	>2,000	N
0320C	N	50	N	<200	100	N	500	1,000	>2,000	N
0321C	N	<10	N	1,000	50	N	200	500	>2,000	N
0322C	N	<10	N	500	200	N	200	1,000	>2,000	N
0325C	N	N	N	500	100	N	100	700	>2,000	N
0326C	N	70	N	3,000	300	N	200	<500	2,000	N
0327C	N	N	N	5,000	50	N	70	5,000	500	N
0328C	N	50	N	3,000	200	N	300	<500	>2,000	N
0330C	N	N	N	2,000	70	N	200	1,500	>2,000	N
0331C	N	10	N	2,000	200	N	200	<500	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0332C	61 52 31	147 42 2	10.00	.70	2.0	1.00	500	N	N	N	70	>10,000
0333C	61 52 26	147 42 1	5.00	.50	2.0	.50	500	<1.0	1,000	N	500	>10,000
0334C	61 58 31	147 8 50	2.00	1.00	10.0	1.50	1,000	N	N	N	100	3,000
0336C	61 54 34	147 21 30	.70	.70	7.0	>2.00	500	N	N	<20	100	10,000
0337C	61 53 15	147 25 48	2.00	1.50	10.0	1.50	700	N	N	N	>5,000	2,000
0338C	61 53 4	147 32 36	7.00	.20	2.0	1.50	300	5.0	2,000	N	300	>10,000
0339C	61 53 32	147 28 30	2.00	1.00	7.0	>2.00	500	N	N	N	100	>10,000
0341C	61 52 29	147 35 38	20.00	.50	7.0	2.00	700	7.0	N	N	>5,000	>10,000
0342C	61 50 13	147 39 13	30.00	1.00	5.0	2.00	2,000	10.0	N	N	1,000	>10,000
0343C	61 46 59	147 38 58	5.00	.50	10.0	>2.00	500	N	N	N	5,000	>10,000
0344C	61 47 44	147 30 4	7.00	3.00	15.0	>2.00	1,000	N	N	N	300	1,000
0345C	61 49 50	147 23 34	10.00	2.00	7.0	2.00	1,000	5.0	N	N	300	10,000
0346C	61 49 42	147 23 6	20.00	.70	5.0	1.50	3,000	30.0	N	N	150	>10,000
0347C	61 48 33	147 5 51	3.00	.50	5.0	>2.00	200	N	N	N	2,000	2,000
0348C	61 44 22	147 7 40	5.00	3.00	10.0	>2.00	1,000	N	N	N	500	1,000
0349C	61 43 0	147 5 45	7.00	1.50	10.0	>2.00	500	N	N	N	2,000	2,000
0350C	61 39 34	147 4 55	7.00	2.00	10.0	>2.00	1,000	N	N	N	300	10,000
0351C	61 37 12	147 5 36	10.00	.70	7.0	>2.00	500	N	N	N	200	>10,000
0352C	61 40 12	147 0 13	7.00	2.00	7.0	>2.00	2,000	N	N	N	300	2,000
0353C	61 49 18	147 21 54	30.00	.50	5.0	>2.00	1,500	10.0	N	N	300	>10,000
0354C	61 50 46	147 15 49	1.00	2.00	15.0	>2.00	1,000	N	N	N	100	1,000
0355C	61 50 51	147 15 56	1.50	2.00	15.0	>2.00	1,500	N	N	N	150	200
0357C	61 50 37	147 12 41	5.00	1.50	10.0	>2.00	1,000	N	N	N	200	2,000
0358C	61 47 44	147 11 19	15.00	1.50	10.0	>2.00	3,000	N	N	N	3,000	1,000
0359C	61 44 26	147 15 18	5.00	1.50	15.0	>2.00	1,000	N	N	N	1,000	700
0360C	61 46 2	147 16 55	30.00	2.00	10.0	2.00	2,000	N	N	N	1,500	>10,000
0361C	61 46 54	147 21 45	5.00	2.00	10.0	>2.00	1,000	N	N	N	700	500
0362C	61 45 11	147 21 33	20.00	3.00	15.0	2.00	2,000	N	N	N	5,000	>10,000
0363C	61 44 39	147 21 40	7.00	2.00	10.0	>2.00	1,000	N	N	N	1,500	>10,000
0365C	61 42 11	147 19 35	10.00	3.00	10.0	>2.00	1,500	N	N	N	1,000	10,000
0366C	61 40 46	147 17 36	10.00	2.00	10.0	>2.00	1,000	5.0	7,000	N	5,000	10,000
0367C	61 39 0	147 10 36	5.00	1.00	7.0	>2.00	1,000	N	N	N	500	10,000
0368C	61 34 48	147 12 34	3.00	2.00	5.0	>2.00	500	70.0	7,000	500	500	>10,000
0369C	61 39 29	147 15 18	10.00	1.00	5.0	>2.00	500	30.0	5,000	N	200	1,500
0370C	61 40 25	147 19 20	5.00	1.50	10.0	>2.00	1,000	5.0	N	N	2,000	2,000
0371C	61 38 58	147 13 35	10.00	1.00	5.0	>2.00	700	10.0	1,000	N	700	5,000
0372C	61 34 51	147 18 53	7.00	.50	5.0	>2.00	500	7.0	10,000	N	>5,000	>10,000
0373C	61 43 5	147 23 0	30.00	3.00	7.0	>2.00	700	10.0	N	N	5,000	>10,000
0375C	61 40 17	147 27 34	10.00	.50	5.0	>2.00	500	20.0	N	N	1,000	5,000
0376C	61 40 56	147 28 19	10.00	5.00	20.0	2.00	1,000	N	N	N	1,500	300
0377C	61 43 14	147 34 17	15.00	1.50	10.0	1.50	1,000	N	<500	N	5,000	2,000
0378C	61 32 23	147 27 31	50.00	.10	2.0	2.00	150	70.0	>20,000	20	50	5,000
0380C	61 33 20	147 26 7	15.00	1.00	5.0	>2.00	500	50.0	15,000	N	5,000	2,000
0382C	61 35 6	147 17 46	20.00	.50	3.0	>2.00	300	200.0	10,000	N	700	1,000
0383C	61 35 12	147 18 48	3.00	.50	7.0	>2.00	500	10.0	2,000	20	5,000	1,500

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0332C	N	N	N	70	100	50	N	N	N	100	20
0333C	N	N	N	200	50	70	N	N	N	300	100
0334C	N	N	N	20	50	10	N	N	N	N	N
0336C	<2	N	N	20	150	<10	200	N	<50	N	N
0337C	<2	N	N	20	500	50	N	N	N	N	150
0338C	N	N	N	500	20	100	N	N	N	700	500
0339C	N	N	N	20	500	<10	200	N	<50	<10	N
0341C	<2	N	N	70	100	200	N	20	N	150	100
0342C	N	20	N	200	200	700	100	10	<50	200	1,000
0343C	N	N	N	100	100	200	N	N	N	150	<20
0344C	N	N	N	200	200	200	N	N	N	150	70
0345C	N	N	N	100	200	300	N	N	N	50	20
0346C	N	N	N	150	100	700	N	<10	N	300	200
0347C	N	N	N	50	100	300	N	N	N	N	N
0348C	N	N	N	500	300	300	N	N	N	50	<20
0349C	N	N	N	150	700	200	N	N	N	100	150
0350C	N	N	N	100	700	300	100	50	50	150	300
0351C	N	N	N	150	300	500	<50	N	50	300	300
0352C	N	N	N	100	1,000	300	200	N	100	200	100
0353C	N	N	N	200	500	500	<50	<10	N	200	200
0354C	N	N	N	50	500	20	N	N	N	N	<20
0355C	N	N	N	30	200	15	N	N	N	N	50
0357C	N	N	N	200	300	200	N	N	N	N	500
0358C	N	N	N	150	200	2,000	N	N	N	N	50
0359C	N	N	N	150	150	200	N	N	N	N	N
0360C	N	N	N	500	100	1,000	N	N	N	100	20
0361C	N	N	N	30	200	100	N	N	N	N	500
0362C	N	N	N	500	150	1,000	N	N	N	50	<20
0363C	N	N	N	500	500	200	N	N	N	N	<20
0365C	N	N	N	1,000	300	1,000	N	N	N	100	20
0366C	N	N	N	150	200	200	N	N	N	N	5,000
0367C	N	<20	N	50	200	300	N	N	50	50	100
0368C	N	100	N	50	500	300	200	N	70	N	10,000
0369C	N	<20	N	50	150	700	N	N	70	200	5,000
0370C	N	<20	N	20	300	150	300	N	100	<10	1,000
0371C	N	<20	N	200	200	1,000	100	N	150	200	3,000
0372C	N	<20	N	50	100	500	<50	N	100	20	1,000
0373C	N	N	N	2,000	300	700	N	N	N	200	30
0375C	N	50	N	200	100	700	N	N	<50	200	10,000
0376C	N	N	N	500	300	500	N	N	N	100	100
0377C	N	30	N	500	100	500	N	N	N	70	100
0378C	N	50	N	500	20	500	N	N	N	700	7,000
0380C	N	50	N	1,000	500	700	300	N	70	500	2,000
0382C	N	150	N	100	100	500	N	N	70	200	2,000
0383C	N	20	N	20	100	20	N	N	70	<10	100

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0332C	N	<10	N	2,000	200	N	100	2,000	>2,000	N
0333C	N	<10	N	2,000	100	N	70	2,000	>2,000	N
0334C	N	<10	N	1,000	200	<100	50	<500	2,000	N
0335C	N	50	<20	200	200	N	700	<500	>2,000	N
0337C	N	20	N	200	200	N	150	<500	>2,000	N
0338C	N	N	N	3,000	100	N	100	<500	>2,000	N
0339C	N	50	200	<200	300	N	500	<500	>2,000	N
0341C	N	30	N	1,500	200	N	200	10,000	>2,000	N
0342C	N	50	N	300	200	N	500	2,000	>2,000	N
0343C	N	50	N	700	200	N	100	<500	>2,000	N
0344C	N	50	N	500	200	N	70	<500	>2,000	N
0345C	N	20	N	500	300	N	70	<500	>2,000	N
0346C	N	N	N	2,000	100	N	70	1,500	1,500	N
0347C	N	20	N	<200	300	N	50	<500	2,000	N
0348C	N	50	N	300	500	N	70	<500	>2,000	N
0349C	N	50	N	500	500	100	100	<500	>2,000	N
0350C	N	100	N	700	500	200	500	<500	>2,000	N
0351C	N	100	N	500	200	500	700	<500	>2,000	N
0352C	N	100	N	500	500	1,000	500	<500	>2,000	N
0353C	N	70	N	700	200	N	700	<500	>2,000	N
0354C	N	50	N	500	300	N	100	<500	>2,000	N
0355C	N	30	N	1,000	300	N	100	<500	>2,000	N
0357C	N	50	N	700	500	N	100	<500	>2,000	N
0358C	N	70	N	700	500	N	300	<500	>2,000	N
0359C	N	50	N	500	1,000	N	<20	<500	1,000	N
0360C	N	50	N	1,000	500	N	200	<500	2,000	N
0361C	N	50	N	500	500	N	70	<500	2,000	N
0362C	N	50	N	2,000	700	N	100	<500	500	N
0363C	N	100	N	500	2,000	N	100	<500	1,000	N
0365C	N	50	N	500	1,000	N	50	<500	500	N
0366C	N	100	N	700	1,000	N	100	<500	2,000	N
0367C	N	100	N	1,500	500	700	500	<500	>2,000	N
0368C	N	100	50	0	500	N	1,000	<500	>2,000	N
0369C	N	50	N	N	200	N	700	<500	>2,000	N
0370C	N	50	100	1,000	300	N	700	<500	>2,000	N
0371C	N	50	50	0	500	N	700	<500	>2,000	N
0372C	N	50	50	200	200	2,000	500	<500	>2,000	N
0373C	N	100	N	200	500	N	200	<500	>2,000	N
0375C	N	100	N	500	200	5,000	1,000	<500	>2,000	N
0376C	N	50	N	700	300	100	20	<500	1,000	N
0377C	N	30	N	200	300	N	100	<500	>2,000	N
0378C	N	<10	N	200	100	100	200	<500	>2,000	N
0380C	N	100	100	0	500	200	1,000	<500	>2,000	N
0382C	N	50	N	0	200	N	500	2,000	>2,000	N
0383C	N	70	50	0	200	<100	1,000	<500	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0384C	61 37 36	147 21 14	2.00	.50	7.0	>2.00	500	100.0	N	300	5,000	700
0385C	61 36 35	147 10 14	5.00	.70	7.0	>2.00	500	150.0	1,500	300	3,000	>10,000
0385C	61 33 2	147 12 38	10.00	.30	5.0	>2.00	300	100.0	>20,000	N	700	3,000
0388C	61 34 14	147 6 36	5.00	.50	3.0	>2.00	300	150.0	7,000	1,000	300	>10,000
0389C	61 35 43	147 4 38	2.00	.30	2.0	>2.00	500	70.0	N	500	100	1,000
0390C	61 36 0	147 1 5	3.00	.50	2.0	>2.00	500	10.0	N	N	200	700
0392C	61 33 41	147 42 17	5.00	.50	3.0	>2.00	500	50.0	1,500	700	1,000	5,000
0394C	61 37 1	147 38 49	7.00	.30	3.0	>2.00	300	10.0	N	N	5,000	2,000
0395C	61 37 3	147 38 33	20.00	.30	2.0	2.00	200	20.0	N	N	>5,000	1,000
0396C	61 37 3	147 38 26	1.00	.50	5.0	>2.00	500	2.0	N	N	300	500
0397C	61 39 25	147 33 10	3.00	.50	5.0	>2.00	200	100.0	N	700	300	5,000
0398C	61 36 51	147 31 40	20.00	.20	3.0	>2.00	200	10.0	5,000	N	50	1,000
0399C	61 33 43	147 27 45	5.00	.50	5.0	>2.00	500	15.0	500	N	500	10,000
0400C	61 35 37	147 33 41	10.00	2.00	5.0	>2.00	1,000	<1.0	5,000	N	1,000	10,000
0401C	61 38 13	147 47 2	7.00	.50	10.0	2.00	700	N	N	N	>5,000	>10,000
0402C	61 36 13	147 49 31	7.00	.30	5.0	>2.00	1,000	N	N	N	1,000	>10,000
0403C	61 39 36	147 47 0	5.00	.50	10.0	1.50	700	15.0	<500	N	>5,000	5,000
0404C	61 42 33	147 47 15	10.00	.70	5.0	>2.00	500	20.0	2,000	N	>5,000	>10,000
0405C	61 43 18	147 47 29	7.00	.50	7.0	>2.00	1,000	50.0	5,000	50	>5,000	>10,000
0406C	61 45 22	147 48 20	20.00	.50	3.0	>2.00	700	10.0	2,000	N	>5,000	>10,000
0407C	61 44 10	147 55 13	20.00	.20	5.0	>2.00	500	10.0	N	N	>5,000	3,000
0408C	61 44 7	147 55 19	3.00	.50	5.0	>2.00	1,000	10.0	N	N	2,000	3,000
0409C	61 41 4	147 57 3	5.00	.50	5.0	>2.00	1,000	20.0	2,000	N	>5,000	2,000
0410C	61 35 26	147 44 52	5.00	.50	5.0	>2.00	1,000	20.0	N	N	5,000	3,000
0411C	61 36 56	147 41 56	20.00	.20	2.0	2.00	200	N	10,000	N	100	>10,000
0412C	61 37 3	147 39 35	50.00	.20	2.0	1.50	200	10.0	20,000	N	700	>10,000
0414C	61 40 8	147 38 3	30.00	1.00	5.0	>2.00	500	50.0	20,000	N	500	10,000
0415C	61 41 55	147 37 40	20.00	1.00	5.0	>2.00	1,000	N	N	N	200	>10,000
0415C	61 42 34	147 37 48	1.00	.50	15.0	1.50	500	N	N	N	>5,000	>10,000
0417C	61 39 21	147 36 23	30.00	.50	10.0	>2.00	1,000	N	N	N	2,000	1,000
0418C	61 40 19	148 1 49	5.00	.20	2.0	2.00	1,000	50.0	10,000	N	700	>10,000
0419C	61 40 23	148 1 56	20.00	.20	2.0	>2.00	300	20.0	1,000	N	5,000	>10,000
0420C	61 38 48	147 58 40	20.00	.20	2.0	2.00	200	20.0	20,000	N	500	10,000
0422C	61 43 51	148 4 9	7.00	.70	2.0	1.00	500	N	N	N	>5,000	>10,000
0423C	61 44 57	148 3 2	5.00	2.00	7.0	>2.00	1,000	N	N	N	>5,000	>10,000
0424C	61 44 59	148 3 12	30.00	.30	1.5	1.00	300	N	500	N	>5,000	>10,000
0425C	61 47 24	148 8 10	3.00	.50	2.0	>2.00	1,000	N	N	N	700	>10,000
0425C	61 46 18	148 16 48	.50	.20	20.0	.50	150	N	500	N	>5,000	5,000
0427C	61 45 49	148 24 20	1.00	.50	10.0	.50	700	N	N	N	>5,000	>10,000
0428C	61 45 51	148 24 12	20.00	1.00	5.0	>2.00	1,000	N	N	N	5,000	>10,000
0430C	61 42 31	148 18 29	20.00	1.50	7.0	1.00	500	<1.0	<500	N	5,000	>10,000
0431C	61 53 37	148 2 32	15.00	.50	7.0	2.00	500	50.0	<500	N	>5,000	>10,000
0432C	61 51 52	148 11 34	5.00	.50	5.0	>2.00	500	N	N	N	500	>10,000
0433C	61 50 6	148 20 37	10.00	.50	2.0	>2.00	500	10.0	1,000	N	1,000	>10,000
0434C	61 49 5	148 0 50	15.00	.50	7.0	>2.00	500	200.0	N	1,000	>5,000	>10,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0384C	N	<20	N	20	100	15	200	N	150	N	N
0385C	N	30	N	70	200	200	100	N	50	70	5,000
0386C	N	200	N	100	50	500	N	N	50	150	7,000
0388C	N	20	N	50	100	300	100	N	100	100	5,000
0389C	N	100	N	10	70	100	N	N	50	70	10,000
0390C	N	50	N	10	50	100	N	N	50	50	1,000
0392C	N	30	N	20	50	50	N	N	70	50	2,000
0394C	N	70	N	30	150	200	N	N	50	100	1,000
0395C	N	30	N	70	50	150	N	N	N	2,000	20,000
0396C	N	<20	N	20	100	20	N	N	100	N	500
0397C	N	100	N	70	100	200	N	20	50	100	10,000
0398C	N	50	N	200	50	300	N	N	N	500	3,000
0399C	N	100	N	50	70	100	N	N	N	100	5,000
0400C	N	<20	N	100	200	200	N	N	50	200	500
0401C	N	N	N	100	50	200	N	N	N	N	50
0402C	N	N	N	20	50	50	N	N	100	N	<20
0403C	N	N	N	200	20	150	N	N	N	20	20
0404C	N	20	N	200	100	200	N	N	N	150	2,000
0405C	N	50	N	30	70	100	N	N	N	70	5,000
0406C	N	N	N	100	100	200	N	N	100	100	2,000
0407C	N	<20	N	100	50	200	N	N	<50	100	700
0408C	N	<20	N	20	100	50	N	N	<50	N	2,000
0409C	N	50	N	20	100	100	<50	N	<50	N	2,000
0410C	N	30	N	20	100	300	N	20	100	20	20,000
0411C	N	N	N	200	20	200	N	N	N	200	300
0412C	N	N	N	500	70	500	N	N	N	700	500
0414C	N	30	N	300	200	200	N	N	<50	200	15,000
0415C	N	N	N	50	500	300	N	<10	100	<10	50
0416C	5	N	N	20	30	200	N	N	N	N	20
0417C	N	<20	N	20	100	200	50	N	100	N	500
0418C	N	N	N	500	70	500	N	N	N	500	1,000
0419C	N	<20	N	300	100	300	N	N	50	300	7,000
0420C	N	50	N	200	70	300	N	N	50	200	7,000
0422C	N	N	N	200	30	500	N	N	N	300	300
0423C	N	N	N	50	100	70	N	30	50	<10	50
0424C	N	N	N	200	20	200	N	N	N	200	200
0425C	N	100	N	20	200	10	100	N	N	N	200
0426C	N	N	N	20	<20	10	N	N	N	50	N
0427C	<2	N	N	10	70	50	N	N	N	50	100
0428C	N	N	N	200	100	200	N	N	N	100	200
0430C	N	<20	N	500	100	300	N	N	N	200	100
0431C	N	50	N	200	70	5,000	N	N	N	<10	700
0432C	N	N	N	20	200	200	200	<10	50	30	50
0433C	N	<20	N	200	200	1,000	<50	N	<50	300	2,000
0434C	N	N	N	70	100	500	100	N	<50	30	1,500

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0384C	N	50	30	0	300	N	700	<500	>2,000	N
0385C	N	100	20	0	300	100	1,000	<500	>2,000	N
0386C	N	50	N	200	200	1,000	500	<500	>2,000	N
0388C	N	50	N	1,000	200	200	300	3,000	>2,000	N
0389C	N	20	N	N	200	200	150	<500	>2,000	N
0390C	N	20	N	N	200	700	100	<500	>2,000	N
0392C	N	50	N	N	200	<100	200	<500	>2,000	N
0394C	N	30	N	N	150	N	200	<500	>2,000	N
0395C	N	10	N	N	100	200	200	<500	>2,000	N
0396C	N	70	20	0	200	N	500	<500	>2,000	N
0397C	N	70	<20	0	200	1,000	500	<500	>2,000	N
0398C	N	50	N	0	150	N	500	<500	>2,000	N
0399C	N	50	<20	0	200	N	500	<500	>2,000	N
0400C	N	50	N	500	200	200	200	<500	>2,000	N
0401C	N	50	N	500	200	N	200	<500	>2,000	N
0402C	N	100	N	1,000	500	N	200	<500	>2,000	N
0403C	N	50	<20	0	150	N	500	<500	>2,000	N
0404C	N	100	<20	0	200	200	1,500	<500	>2,000	N
0405C	N	100	N	0	200	100	1,000	<500	>2,000	N
0406C	N	50	N	1,000	200	N	300	1,000	>2,000	N
0407C	N	70	N	0	200	N	700	<500	>2,000	N
0408C	N	100	<20	0	200	N	500	<500	>2,000	N
0409C	N	70	200	0	200	N	1,000	<500	>2,000	N
0410C	N	50	<20	0	200	N	500	<500	>2,000	N
0411C	N	50	N	2,000	100	N	500	<500	>2,000	N
0412C	N	20	N	1,000	100	N	500	<500	>2,000	N
0414C	N	70	N	0	200	1,500	500	<500	>2,000	N
0415C	N	150	N	5,000	1,000	N	500	<500	>2,000	N
0416C	N	20	N	500	150	N	100	<500	2,000	N
0417C	N	50	<20	0	200	N	500	<500	>2,000	N
0419C	N	20	N	500	100	N	200	<500	>2,000	N
0419C	N	50	N	700	200	N	500	<500	>2,000	N
0420C	N	20	N	0	100	1,000	200	<500	>2,000	N
0422C	N	20	N	0	100	N	100	<500	>2,000	N
0423C	N	50	N	3,000	500	N	100	500	>2,000	N
0424C	N	<10	N	500	100	N	100	<500	>2,000	N
0425C	N	150	N	5,000	200	N	1,000	1,000	>2,000	N
0426C	N	<10	N	N	50	N	70	<500	>2,000	N
0427C	N	<10	N	2,000	100	N	50	<500	>2,000	N
0428C	N	50	N	2,000	200	200	200	1,000	>2,000	N
0430C	N	N	N	1,000	100	500	50	<500	>2,000	N
0431C	N	50	N	10,000	100	N	300	500	>2,000	N
0432C	N	50	20	10,000	200	N	500	2,000	>2,000	N
0433C	N	100	20	10,000	200	N	1,000	5,000	>2,000	N
0434C	N	100	N	10,000	200	N	1,000	1,000	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0435C	61 50 34	147 54 15	50.00	.50	2.0	.50	500	10.0	5,000	N	3,000	>10,000
0436C	61 50 36	147 54 7	30.00	.50	5.0	1.00	1,000	10.0	2,000	N	700	>10,000
0437C	61 48 38	147 52 45	2.00	.50	2.0	1.00	500	N	N	N	1,000	>10,000
0438C	61 48 35	147 52 43	5.00	1.00	7.0	2.00	1,500	N	N	N	1,500	>10,000
0439C	61 49 50	147 28 8	7.00	1.00	20.0	.30	700	<1.0	N	N	>5,000	10,000
0440C	61 49 44	148 24 57	15.00	.70	7.0	>2.00	700	N	N	N	>5,000	>10,000
0441C	61 43 58	148 27 0	20.00	2.00	7.0	1.00	700	N	N	N	2,000	5,000
0442C	61 54 1	148 18 56	1.50	.50	5.0	>2.00	300	N	N	N	>5,000	>10,000
0443C	61 52 39	148 22 59	7.00	.70	5.0	>2.00	500	2.0	N	N	500	>10,000
0444C	61 55 17	148 19 30	7.00	.70	10.0	2.00	500	N	N	N	>5,000	5,000
0445C	61 57 27	148 21 3	3.00	.70	10.0	2.00	500	N	N	N	>5,000	700
0446C	61 57 23	148 17 45	2.00	.70	10.0	1.50	500	N	N	N	>5,000	700
0447C	61 57 29	148 17 33	5.00	.30	7.0	>2.00	1,000	N	N	N	1,000	10,000
0448C	61 55 59	148 18 34	2.00	.70	10.0	1.50	500	N	N	N	>5,000	3,000
0449C	61 59 14	148 18 16	3.00	.70	7.0	2.00	700	N	N	N	5,000	5,000
0450C	61 59 43	148 20 21	10.00	.70	7.0	2.00	1,000	100.0	2,000	N	>5,000	10,000
0451C	61 59 46	148 20 24	3.00	.70	7.0	2.00	700	2.0	N	N	1,000	10,000
0452C	62 0 12	148 22 17	5.00	.70	7.0	1.50	700	1.0	N	N	1,000	2,000
0453C	62 0 30	148 14 31	3.00	.70	5.0	>2.00	700	<1.0	N	N	2,000	>10,000
0454C	61 57 59	148 12 46	5.00	.70	5.0	>2.00	700	2.0	N	20	>5,000	>10,000
0455C	61 59 12	148 28 34	1.50	1.00	10.0	1.00	1,000	N	N	N	2,000	1,000
0456C	61 56 46	148 28 42	2.00	.50	1.5	>2.00	700	15.0	N	20	2,000	10,000
0457C	61 59 37	148 32 31	7.00	.50	5.0	1.00	500	<1.0	N	N	2,000	3,000
0458C	61 58 6	148 31 58	5.00	.50	10.0	2.00	700	N	N	N	2,000	5,000
0459C	61 59 28	148 42 51	5.00	.30	10.0	2.00	2,000	1.0	N	N	50	10,000
0460C	61 57 0	148 38 46	3.00	.50	7.0	1.00	700	1.0	N	N	3,000	3,000
0462C	61 53 37	148 35 24	3.00	.50	2.0	.50	500	N	N	N	1,000	2,000
0463C	61 50 59	148 36 8	2.00	.50	2.0	.50	500	N	N	N	200	2,000
0464C	61 49 1	148 32 26	2.00	1.50	5.0	>2.00	1,000	10.0	N	300	700	10,000
0465C	61 45 25	148 43 22	2.00	.50	5.0	>2.00	500	N	N	N	700	10,000
0466C	61 44 37	148 8 43	30.00	1.00	3.0	1.00	700	10.0	1,000	N	>5,000	>10,000
0467C	61 38 42	148 11 2	50.00	.20	.7	2.00	700	10.0	2,000	N	100	10,000
0469C	61 36 55	148 6 58	30.00	.50	1.5	>2.00	500	100.0	20,000	50	100	10,000
0470C	61 36 49	148 6 38	20.00	.10	1.0	1.00	200	50.0	>20,000	150	50	10,000
0472C	61 35 28	148 9 14	30.00	.20	2.0	2.00	200	70.0	20,000	50	50	3,000
0473C	61 34 51	148 11 18	30.00	.20	1.0	1.00	200	50.0	15,000	<20	100	>10,000
0474C	61 33 39	148 13 40	15.00	.50	2.0	>2.00	500	5.0	7,000	N	200	5,000
0475C	61 30 27	148 14 13	30.00	.10	.7	1.00	200	500.0	20,000	500	100	5,000
0476C	61 29 58	147 52 10	3.00	.70	2.0	>2.00	500	5.0	1,000	N	>5,000	3,000
0477C	61 29 57	147 51 54	5.00	.70	3.0	>2.00	500	N	N	N	>5,000	10,000
0478C	61 29 15	147 53 38	50.00	.30	1.0	.70	200	5.0	2,000	N	200	3,000
0479C	61 27 52	147 54 33	20.00	.20	1.0	2.00	200	2.0	N	N	2,000	1,000
0480C	61 26 37	147 56 20	30.00	.30	.5	.30	500	5.0	1,000	N	100	10,000
0481C	61 26 8	148 3 12	7.00	.50	5.0	>2.00	500	2.0	N	N	200	5,000
0482C	61 26 15	148 3 4	20.00	.20	2.0	>2.00	200	2.0	<500	N	100	5,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0435C	N	N	N	200	20	2,000	N	N	N	50	200
0436C	N	N	N	150	50	1,000	<50	20	N	200	150
0437C	N	N	N	20	100	50	N	N	N	50	50
0438C	N	N	N	100	100	100	<50	<10	N	100	100
0439C	2	N	N	50	100	10,000	N	<10	N	20	50
0440C	N	N	N	100	100	200	200	<10	100	50	500
0441C	N	N	N	700	100	1,000	N	N	N	200	70
0442C	N	N	N	<10	100	100	100	N	100	N	50
0443C	N	N	N	100	200	500	200	<10	50	70	500
0444C	N	N	N	70	50	200	300	N	N	<10	300
0445C	N	N	N	10	50	200	200	20	N	N	300
0446C	N	N	N	<10	50	100	100	<10	N	N	70
0447C	N	N	N	100	30	200	200	10	100	N	200
0448C	N	N	N	<10	20	100	500	N	N	N	500
0449C	N	N	N	100	30	200	100	N	N	N	500
0450C	N	150	N	100	70	1,000	100	200	<50	<10	>50,000
0451C	N	<20	N	100	<20	200	100	N	N	N	500
0452C	N	N	N	200	50	500	N	10	N	20	100
0453C	N	N	N	20	200	20	100	10	50	<10	300
0454C	N	N	N	50	200	100	100	10	50	<10	300
0455C	N	N	N	<10	50	100	50	N	N	N	50
0456C	N	N	N	<10	100	50	50	N	N	N	20
0457C	N	N	N	500	<20	500	N	<10	N	50	200
0458C	N	N	N	100	<20	100	50	N	N	N	100
0459C	N	N	N	20	<20	150	100	200	50	N	500
0460C	N	N	N	500	<20	150	N	<10	N	<10	200
0462C	N	N	N	50	<20	50	N	N	N	N	<20
0463C	N	N	N	30	<20	100	N	N	N	N	100
0464C	N	N	N	20	500	50	50	N	N	20	<20
0465C	N	N	N	<10	150	50	50	N	N	N	<20
0466C	N	N	N	500	150	500	N	<10	N	500	300
0467C	N	N	N	700	100	1,000	N	<10	N	700	5,000
0469C	N	20	N	500	100	500	N	N	N	500	10,000
0470C	N	N	N	200	30	500	N	N	N	200	300
0472C	N	N	N	1,000	50	200	N	N	N	1,000	1,000
0473C	N	20	N	200	50	500	N	N	N	700	2,000
0474C	N	<20	N	50	150	200	N	N	50	200	500
0475C	N	<20	N	200	20	300	N	N	N	500	1,000
0476C	N	<20	N	50	30	200	N	N	150	50	1,000
0477C	N	N	N	20	100	100	100	N	100	20	500
0478C	N	N	N	200	50	500	<50	N	N	500	500
0479C	N	<20	N	200	50	200	N	20	50	200	500
0480C	N	N	N	200	30	1,000	N	N	N	500	2,000
0481C	N	<20	N	50	100	200	N	N	50	100	1,000
0482C	N	N	N	200	50	500	100	N	<50	500	1,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0435C	N	<10	N	5,000	70	N	100	500	>2,000	N
0436C	N	<10	N	3,000	100	N	300	500	>2,000	N
0437C	N	10	N	5,000	100	N	100	<500	>2,000	N
0438C	N	20	N	5,000	100	N	100	<500	>2,000	N
0439C	N	50	N	N	500	N	50	<500	1,000	N
0440C	N	100	30	5,000	200	N	1,000	2,000	>2,000	N
0441C	N	<10	N	500	200	N	50	<500	>2,000	N
0442C	N	50	20	2,000	200	N	700	<500	>2,000	N
0443C	N	100	20	7,000	500	N	500	10,000	>2,000	N
0444C	N	50	N	0	300	N	700	500	>2,000	N
0445C	N	50	N	N	200	N	1,000	<500	>2,000	N
0446C	N	30	<20	N	200	N	500	<500	>2,000	N
0447C	N	30	50	0	200	N	700	500	>2,000	N
0448C	N	20	<20	N	200	N	1,000	<500	>2,000	N
0449C	N	30	<20	0	200	N	500	<500	>2,000	N
0450C	N	50	N	0	200	N	700	>20,000	>2,000	N
0451C	N	50	N	1,000	200	<100	700	<500	>2,000	N
0452C	N	20	N	1,500	100	N	200	<500	>2,000	N
0453C	N	100	50	3,000	200	N	1,000	<500	>2,000	N
0454C	N	100	50	0	200	N	1,000	<500	>2,000	N
0455C	N	20	N	2,000	150	N	200	<500	>2,000	N
0456C	N	200	N	0	200	N	2,000	<500	>2,000	N
0457C	N	50	N	700	100	N	500	<500	>2,000	200
0458C	N	100	N	3,000	100	N	1,000	<500	>2,000	<200
0459C	N	20	N	2,000	100	N	1,000	<500	>2,000	N
0460C	N	30	N	700	100	N	200	<500	>2,000	N
0462C	N	20	N	500	70	N	200	<500	>2,000	N
0463C	N	20	N	500	50	N	200	<500	>2,000	N
0464C	N	150	20	0	100	N	1,000	<500	>2,000	N
0465C	N	100	50	0	100	N	1,000	<500	>2,000	N
0466C	N	20	N	700	100	N	50	<500	>2,000	N
0467C	N	50	N	700	100	N	200	7,000	>2,000	N
0469C	N	20	N	700	100	2,000	200	500	>2,000	N
0470C	N	N	N	200	50	1,000	70	<500	>2,000	N
0472C	<200	30	N	<200	100	200	500	<500	>2,000	N
0473C	N	<10	N	1,000	50	500	200	<500	>2,000	N
0474C	N	50	N	0	200	500	500	<500	>2,000	N
0475C	<200	<10	N	<200	100	1,000	200	<500	>2,000	N
0476C	<200	50	N	1,000	200	N	300	<500	>2,000	<200
0477C	N	50	N	1,000	200	N	300	<500	>2,000	N
0478C	<200	<10	N	500	100	200	100	500	>2,000	N
0479C	<200	20	N	0	100	1,000	150	<500	>2,000	N
0480C	N	N	N	1,000	50	N	20	<500	700	N
0481C	N	50	N	1,000	200	500	500	<500	>2,000	N
0482C	N	20	N	500	150	200	200	1,000	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0483C	61 28 52	148 6 0	15.00	.30	2.0	2.00	200	3.0	1,000	N	100	>10,000
0484C	61 30 30	148 11 14	20.00	.20	2.0	>2.00	200	100.0	2,000	700	50	5,000
0485C	61 31 30	148 8 45	5.00	.30	5.0	>2.00	500	100.0	N	700	100	>10,000
0486C	61 38 26	148 32 35	15.00	2.00	1.0	.20	300	1.0	N	N	1,000	1,500
0487C	61 42 33	148 34 22	20.00	3.00	5.0	.50	500	1.5	N	N	700	1,500
0488C	61 44 2	148 38 3	5.00	2.00	7.0	2.00	700	N	N	N	700	1,500
0489C	61 41 50	148 47 3	3.00	.70	5.0	2.00	500	N	N	N	100	500
0490C	61 41 12	148 48 35	3.00	.50	5.0	>2.00	500	30.0	N	N	5,000	1,000
0491C	61 38 54	148 59 6	7.00	1.00	5.0	2.00	500	N	N	N	200	2,000
0492C	61 38 28	148 56 11	10.00	1.00	5.0	2.00	500	N	N	N	150	2,000
0493C	61 35 59	148 40 52	7.00	3.00	5.0	2.00	700	N	N	N	2,000	1,000
0494C	61 35 55	148 40 48	15.00	1.00	5.0	1.50	500	N	N	N	300	2,000
0495C	61 35 15	148 46 57	5.00	.70	5.0	>2.00	700	N	N	N	100	2,000
0496C	61 53 10	148 44 27	5.00	.20	7.0	>2.00	500	N	N	N	500	7,000
0497C	61 50 43	148 48 30	1.00	.20	7.0	>2.00	500	N	N	N	2,000	10,000
0498C	61 51 9	148 53 27	1.00	.50	7.0	>2.00	700	N	N	N	100	700
0499C	61 48 37	148 50 11	1.50	.15	5.0	>2.00	500	N	N	N	200	>10,000
0500C	61 44 51	148 55 25	3.00	.20	2.0	>2.00	300	N	N	N	3,000	>10,000
0501C	61 44 52	148 55 17	1.00	.30	2.0	>2.00	500	30.0	N	150	200	10,000
0502C	61 46 18	149 0 32	1.00	.15	5.0	2.00	300	N	N	N	70	1,000
0503C	61 50 0	148 59 25	1.50	.30	7.0	>2.00	500	N	N	N	2,000	7,000
0504C	61 52 32	148 59 51	1.00	.20	7.0	>2.00	500	N	N	N	70	100
0505C	61 52 29	148 59 59	1.00	.20	7.0	>2.00	500	N	N	N	50	<50
0506C	61 50 31	149 4 35	.50	.15	5.0	>2.00	200	N	N	N	50	<50
0507C	61 47 13	149 8 20	1.00	.10	1.5	>2.00	200	N	N	N	100	700
0508C	61 47 20	149 8 18	.30	.10	2.0	>2.00	200	N	N	N	50	100
0509C	61 48 29	149 13 2	1.00	.10	5.0	>2.00	500	N	N	N	50	50
0510C	61 48 35	149 13 0	1.00	.10	7.0	>2.00	500	30.0	N	500	50	500
0511C	61 35 4	148 58 36	3.00	.70	7.0	>2.00	700	N	N	N	>5,000	1,000
0512C	61 33 31	148 54 49	3.00	1.00	7.0	>2.00	500	N	N	N	500	10,000
0513C	61 30 2	148 44 56	20.00	.50	2.0	>2.00	1,000	5.0	<500	N	700	>10,000
0514C	61 31 50	148 42 18	10.00	.50	2.0	>2.00	300	300.0	<500	1,000	100	3,000
0515C	61 32 15	148 38 2	10.00	.50	2.0	>2.00	200	N	5,000	N	200	7,000
0516C	61 34 48	148 34 32	2.00	.70	7.0	1.50	700	N	N	N	5,000	>10,000
0517C	61 34 47	148 34 22	7.00	.70	2.0	>2.00	500	N	N	N	3,000	>10,000
0519C	61 30 36	148 33 38	15.00	.30	1.5	>2.00	200	N	10,000	N	100	10,000
0520C	61 28 15	148 39 13	20.00	.70	2.0	>2.00	500	N	N	N	>5,000	7,000
0521C	61 27 22	148 35 16	7.00	.50	2.0	>2.00	200	N	5,000	N	100	10,000
0522C	61 28 25	148 28 38	50.00	.20	.7	2.00	200	5.0	10,000	N	100	5,000
0523C	61 28 23	148 28 35	30.00	.20	.5	2.00	200	2.0	2,000	N	50	10,000
0524C	61 30 37	148 26 27	30.00	.20	.5	2.00	150	100.0	15,000	500	200	10,000
0525C	61 30 34	148 26 25	20.00	.20	.3	>2.00	500	2.0	<500	N	50	>10,000
0526C	61 34 13	148 23 34	20.00	.20	1.0	>2.00	100	20.0	10,000	N	50	5,000
0527C	61 37 47	148 25 24	30.00	.70	3.0	.70	500	N	N	N	5,000	10,000
0528C	61 36 44	148 20 48	30.00	.20	2.0	>2.00	200	10.0	>20,000	20	100	>10,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0483C	N	N	N	100	50	200	N	N	50	200	500
0484C	N	N	N	200	50	200	N	N	50	300	500
0485C	N	N	N	20	100	100	N	200	200	20	700
0486C	<2	N	N	100	300	200	N	N	N	200	50
0487C	N	N	N	300	700	500	N	N	N	200	150
0488C	N	N	N	50	300	150	N	N	N	70	N
0489C	N	N	N	100	100	100	N	N	N	N	N
0490C	N	50	N	200	500	100	<50	N	N	N	2,000
0491C	N	N	N	150	100	150	N	N	N	100	20
0492C	N	N	N	200	100	300	N	N	N	150	50
0493C	N	N	N	200	700	300	N	N	N	150	50
0494C	N	N	N	100	200	200	N	N	N	150	70
0495C	N	N	N	100	50	150	N	N	N	50	<20
0496C	N	N	N	200	50	50	N	50	N	N	200
0497C	N	N	N	50	30	20	N	50	N	N	150
0498C	N	N	N	10	50	10	N	50	N	N	100
0499C	N	N	N	70	30	20	N	100	<50	N	200
0500C	N	N	N	20	70	20	<50	N	<50	N	<20
0501C	N	N	N	<10	70	10	1,000	N	N	N	<20
0502C	N	N	N	10	<20	30	300	N	N	N	N
0503C	N	N	N	70	20	10	200	N	<50	N	N
0504C	N	100	N	N	50	50	300	50	50	N	<20
0505C	N	N	N	N	30	20	200	<10	N	N	<20
0506C	N	N	N	N	<20	100	700	<10	N	N	N
0507C	N	N	N	N	20	20	500	N	N	N	300
0508C	N	N	N	N	N	50	N	N	N	N	N
0509C	N	<20	N	N	50	20	N	200	100	N	<20
0510C	N	30	N	N	<20	10	N	50	N	N	<20
0511C	N	N	N	150	50	200	N	N	N	N	N
0512C	N	N	N	70	200	50	N	N	N	<10	<20
0513C	N	N	N	500	200	1,000	N	<10	<50	500	2,000
0514C	N	N	N	150	100	300	N	N	70	200	300
0515C	N	N	N	200	200	300	N	N	N	300	700
0516C	2	N	N	50	50	100	N	<10	N	N	<20
0517C	N	N	N	200	200	500	N	N	70	200	3,000
0519C	N	N	N	300	200	500	N	N	N	500	1,000
0520C	N	N	N	300	150	500	N	N	70	200	1,000
0521C	N	N	N	100	150	100	N	N	N	100	100
0522C	N	N	N	1,000	100	700	N	N	N	1,000	1,000
0523C	N	N	N	500	200	500	N	N	<50	500	3,000
0524C	N	N	N	500	100	500	N	N	N	500	5,000
0525C	N	N	N	500	100	700	N	N	<50	500	3,000
0526C	N	30	N	500	100	500	N	N	N	500	10,000
0527C	N	N	N	500	50	700	N	N	N	300	150
0528C	N	N	N	300	200	500	N	N	<50	500	1,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0483C	N	20	N	1,000	100	1,000	100	<500	>2,000	N
0484C	N	20	N	3	100	500	300	<500	>2,000	N
0485C	N	50	20	500	200	200	300	<500	>2,000	N
0486C	N	N	N	<200	50	N	N	<500	500	N
0487C	N	<10	N	<200	100	N	<20	<500	500	N
0488C	N	50	N	500	300	N	100	<500	>2,000	N
0489C	N	20	N	200	200	N	100	<500	>2,000	N
0490C	N	50	N	N	500	200	300	<500	>2,000	N
0491C	N	30	N	200	100	N	150	<500	>2,000	N
0492C	N	20	N	200	100	N	100	<500	>2,000	N
0493C	N	20	N	500	200	N	50	<500	1,500	N
0494C	N	<10	N	200	100	N	70	<500	>2,000	N
0495C	N	10	N	200	100	N	150	<500	>2,000	N
0496C	N	30	N	500	200	N	500	<500	>2,000	N
0497C	N	50	N	200	200	N	500	<500	>2,000	N
0498C	N	30	N	500	200	300	200	<500	>2,000	N
0499C	N	50	N	200	500	N	500	<500	>2,000	N
0500C	N	70	70	<200	200	N	700	1,000	>2,000	N
0501C	N	70	N	<200	200	N	500	<500	>2,000	N
0502C	N	30	N	500	200	N	500	<500	>2,000	N
0503C	N	30	N	<200	300	<100	500	<500	>2,000	N
0504C	N	50	50	N	500	N	1,000	<500	>2,000	N
0505C	N	70	N	N	300	N	700	<500	>2,000	N
0506C	N	70	N	N	200	N	700	<500	>2,000	N
0507C	N	100	N	N	300	N	500	2,000	>2,000	N
0508C	N	100	N	N	200	100	1,000	<500	>2,000	N
0509C	N	30	70	N	500	150	1,000	<500	>2,000	N
0510C	N	50	30	N	500	2,000	700	<500	>2,000	N
0511C	N	30	N	<200	500	300	70	<500	>2,000	N
0512C	N	20	N	200	500	100	70	<500	2,000	N
0513C	N	50	N	5,000	200	<100	300	5,000	>2,000	N
0514C	N	30	N	<200	300	300	200	<500	>2,000	N
0515C	N	70	N	<200	500	300	500	700	>2,000	N
0516C	N	20	N	1,000	200	<100	70	<500	>2,000	N
0517C	N	100	N	1,500	500	N	500	5,000	>2,000	N
0519C	N	100	N	<200	200	150	500	500	>2,000	N
0520C	N	50	N	5,000	500	N	200	<500	>2,000	N
0521C	N	100	N	1,000	500	500	500	500	>2,000	N
0522C	<200	20	N	500	100	200	200	3,000	>2,000	N
0523C	N	20	N	1,000	100	500	200	3,000	>2,000	N
0524C	N	20	N	<200	100	200	200	2,000	>2,000	N
0525C	N	20	N	200	100	500	200	2,000	>2,000	N
0526C	<200	30	N	1,000	200	500	200	2,000	>2,000	N
0527C	N	N	N	<200	100	N	50	<500	>2,000	N
0528C	N	50	N	1,000	300	100	300	2,000	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0529C	61 37 23	148 24 26	50.00	.07	.3	2.00	100	300.0	10,000	1,000	50	2,000
0530C	61 32 48	148 0 32	50.00	.20	.2	.50	100	20.0	15,000	N	50	10,000
0531C	61 31 45	148 5 50	2.00	.70	3.0	>2.00	500	N	N	N	5,000	1,000
0532C	61 36 42	148 17 51	50.00	.30	.5	>2.00	500	7.0	N	N	100	5,000
0534C	61 57 40	148 31 8	10.00	.50	1.5	>2.00	500	5.0	1,000	N	200	10,000
0600C	61 59 22	147 17 58	1.50	1.00	7.0	>2.00	1,500	N	N	N	200	>10,000
0601C	61 59 41	147 10 55	1.00	.50	5.0	>2.00	1,000	N	N	N	150	200
0602C	61 59 58	147 15 11	1.50	1.00	5.0	>2.00	1,000	N	N	N	200	5,000
0604C	61 57 41	147 25 35	1.50	.70	1.5	>2.00	700	N	N	N	300	>10,000
0605C	61 57 48	147 25 41	20.00	.30	1.0	1.50	200	N	N	N	300	10,000
0606C	61 59 13	147 26 57	5.00	.70	2.0	.70	300	N	N	N	>5,000	>10,000
0607C	61 57 0	147 31 17	20.00	.50	1.5	2.00	1,000	2.0	1,000	N	100	>10,000
0608C	61 56 58	147 31 26	1.00	1.00	1.5	>2.00	300	N	N	N	150	10,000
0609C	61 59 33	147 34 34	2.00	.50	3.0	>2.00	1,000	N	N	N	500	>10,000
0610C	61 56 56	147 33 36	2.00	1.00	5.0	2.00	1,000	2.0	N	N	5,000	>10,000
0612C	61 59 33	147 42 29	1.50	.50	5.0	2.00	1,500	N	N	N	200	5,000
0613C	62 1 7	147 54 15	50.00	.50	5.0	>2.00	700	N	N	N	50	5,000
0615C	61 57 55	147 45 52	3.00	1.50	7.0	>2.00	1,000	N	N	N	200	2,000
0617C	61 56 45	147 54 8	50.00	.70	3.0	1.00	300	<1.0	<500	N	700	>10,000
0620C	61 56 54	147 59 40	50.00	.20	2.0	>2.00	200	5.0	1,000	N	100	>10,000
0623C	61 53 12	148 6 15	20.00	.70	7.0	>2.00	500	<1.0	<500	N	>5,000	>10,000
0624C	61 53 12	148 6 25	10.00	.50	2.0	2.00	200	N	2,000	N	3,000	>10,000
0625C	62 0 21	147 42 17	2.00	1.50	10.0	>2.00	1,500	N	N	N	100	7,000
0626C	61 52 48	147 49 15	50.00	.50	1.0	.15	1,500	10.0	N	N	100	>10,000
0627C	61 52 50	147 49 6	30.00	1.00	5.0	1.00	700	5.0	N	N	50	>10,000
0629C	61 56 25	147 12 54	2.00	1.00	10.0	>2.00	1,000	N	N	N	300	10,000
0630C	61 55 19	147 20 3	2.00	.50	7.0	>2.00	700	N	N	N	300	>10,000
0631C	61 53 35	147 25 6	2.00	.30	5.0	>2.00	500	N	N	N	50	>10,000
0632C	61 53 12	147 24 34	2.00	1.00	10.0	2.00	1,000	N	N	N	100	>10,000
0633C	61 54 23	147 36 11	30.00	1.50	7.0	2.00	1,000	200.0	<500	700	1,500	>10,000
0634C	61 47 21	147 29 18	30.00	.50	5.0	1.50	1,500	3.0	N	N	1,000	>10,000
0639C	61 50 57	147 36 45	30.00	1.00	5.0	2.00	700	N	N	N	1,000	>10,000
0640C	61 48 56	147 42 45	20.00	.20	1.5	1.50	500	2,000.0	N	>1,000	70	>10,000
0642C	61 41 48	147 9 56	10.00	2.00	5.0	>2.00	500	N	N	N	2,000	>10,000
0643C	61 41 52	147 9 55	5.00	.70	7.0	>2.00	500	N	N	N	200	700
0644C	61 39 4	147 5 30	15.00	.50	2.0	2.00	500	100.0	2,000	500	200	>10,000
0645C	61 44 13	146 59 52	5.00	5.00	10.0	.30	700	N	N	N	200	2,000
0646C	61 49 22	147 20 38	20.00	.50	3.0	2.00	1,000	20.0	N	N	100	>10,000
0647C	61 48 46	147 17 31	50.00	.70	3.0	>2.00	1,000	N	N	N	100	3,000
0648C	61 50 7	147 15 43	>50.00	.50	1.0	.50	2,000	50.0	<500	N	100	>10,000
0649C	61 48 15	147 11 19	7.00	2.00	5.0	>2.00	1,000	N	N	N	5,000	2,000
0650C	61 45 38	147 11 32	7.00	3.00	10.0	>2.00	1,000	N	N	N	500	700
0651C	61 45 40	147 11 39	20.00	3.00	10.0	>2.00	2,000	N	N	N	5,000	1,000
0652C	61 45 27	147 16 21	10.00	2.00	7.0	>2.00	1,500	N	N	N	1,000	500
0653C	61 45 25	147 16 17	5.00	2.00	7.0	>2.00	1,000	N	N	N	2,000	1,500

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0529C	N	N	N	500	70	700	N	N	N	700	10,000
0530C	N	N	N	500	30	1,000	N	N	N	1,000	2,000
0531C	N	N	N	50	200	100	N	N	<50	50	500
0532C	N	N	N	500	100	1,000	N	N	N	700	15,000
0534C	N	N	N	500	100	1,000	50	N	N	700	10,000
0600C	N	N	N	20	150	20	200	<10	N	<10	70
0601C	N	N	N	<10	50	N	N	N	N	N	<20
0602C	N	N	N	30	300	N	50	N	<50	N	70
0604C	N	N	N	50	200	200	200	N	<50	50	150
0605C	N	N	N	150	20	200	N	20	N	300	200
0606C	N	N	N	15	<20	20	N	<10	N	20	N
0607C	N	N	N	100	50	500	50	20	N	200	200
0608C	N	N	N	20	200	20	200	N	<50	<10	100
0609C	N	N	N	20	300	50	300	N	N	<10	300
0610C	N	N	N	70	100	200	100	<10	N	30	150
0612C	N	N	N	200	100	100	500	30	<50	20	20
0613C	N	N	N	500	50	500	N	N	N	200	20
0615C	N	N	200	70	500	150	700	<10	50	70	<20
0617C	N	N	N	150	70	200	N	50	N	500	150
0620C	<2	N	N	100	<20	300	N	N	<50	50	700
0623C	<2	N	N	100	70	1,000	<50	<10	N	20	20
0624C	N	N	N	50	70	100	N	N	<50	20	50
0625C	N	N	N	<10	500	20	500	N	50	50	200
0626C	N	N	N	70	100	500	N	30	N	500	200
0627C	N	N	N	150	200	300	500	N	N	300	200
0629C	N	N	N	20	70	15	N	N	N	N	N
0630C	N	N	N	50	200	150	N	N	N	N	50
0631C	N	N	N	<10	300	10	N	N	<50	N	<20
0632C	N	N	N	<10	50	15	N	N	N	N	<20
0633C	N	N	N	100	500	500	200	N	N	150	100
0634C	N	N	N	150	200	300	200	N	N	500	200
0639C	N	N	N	70	100	1,000	200	50	N	200	70
0640C	N	N	N	200	50	300	N	N	N	150	<20
0642C	<2	N	N	200	300	300	N	N	N	500	200
0643C	N	N	N	20	150	100	N	N	N	N	N
0644C	N	N	N	100	100	700	N	N	N	500	10,000
0645C	N	N	N	150	500	200	N	N	N	100	200
0646C	N	N	N	200	50	300	N	<10	N	200	50
0647C	N	200	N	500	500	1,000	N	N	N	100	500
0648C	N	N	N	300	50	500	N	<10	N	700	500
0649C	N	N	N	50	100	1,000	N	N	N	<10	<20
0650C	N	N	N	200	500	500	N	N	N	50	<20
0651C	N	N	N	300	200	700	N	N	N	20	50
0652C	N	N	N	150	150	500	N	N	N	N	<20
0653C	N	N	N	500	200	200	N	N	N	<10	700

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0529C	200	N	N	<200	70	N	100	3,000	>2,000	N
0530C	<200	N	N	200	50	100	70	500	>2,000	N
0531C	N	50	N	200	300	200	500	<500	>2,000	N
0532C	N	30	N	2,000	200	N	300	10,000	>2,000	N
0534C	N	30	N	1,000	200	N	100	5,000	>2,000	N
0600C	N	50	20	1,000	200	N	500	700	>2,000	N
0601C	N	15	N	1,000	150	N	100	N	>2,000	N
0602C	N	50	20	1,000	500	N	500	N	>2,000	N
0604C	N	50	100	N	200	N	1,500	N	>2,000	N
0605C	N	10	N	200	100	N	500	1,000	>2,000	N
0606C	N	20	N	2,000	50	N	300	N	>2,000	N
0607C	N	20	20	2,000	100	N	500	3,000	>2,000	N
0608C	N	50	500	N	200	N	1,500	N	>2,000	N
0609C	N	70	20	N	200	N	1,500	2,000	>2,000	N
0610C	N	20	1,500	2,000	200	N	300	N	2,000	N
0612C	N	50	20	N	200	N	1,000	N	>2,000	N
0613C	N	50	N	N	200	N	500	2,000	>2,000	N
0615C	N	50	N	<200	300	N	500	<500	>2,000	N
0617C	N	20	N	1,000	100	N	150	500	>2,000	N
0620C	N	50	N	500	100	N	300	5,000	500	N
0623C	N	30	N	5,000	200	N	500	700	>2,000	N
0624C	N	15	N	5,000	100	N	100	N	>2,000	N
0625C	N	50	<20	<200	300	N	500	N	>2,000	N
0626C	N	<10	N	1,500	70	N	50	N	1,500	N
0627C	N	20	N	5,000	100	N	200	500	>2,000	N
0629C	N	20	N	700	300	N	70	N	>2,000	N
0630C	N	50	70	500	300	N	500	<500	>2,000	N
0631C	N	50	70	N	200	N	500	N	>2,000	N
0632C	N	15	N	1,000	200	N	50	N	>2,000	N
0633C	N	50	N	500	200	N	300	700	>2,000	N
0634C	N	15	N	5,000	100	N	200	N	>2,000	N
0639C	N	30	N	500	200	N	300	1,000	>2,000	N
0640C	N	20	100	700	100	N	300	1,000	>2,000	N
0642C	N	50	N	500	200	500	200	<500	>2,000	N
0643C	N	50	N	200	700	N	20	<500	1,500	N
0644C	N	30	N	5,000	200	1,000	200	500	>2,000	N
0645C	N	50	N	N	100	N	N	<500	300	N
0646C	N	20	N	2,000	200	N	100	7,000	>2,000	N
0647C	N	70	N	<200	300	N	300	<500	>2,000	N
0648C	N	N	N	2,000	70	N	70	700	>2,000	N
0649C	N	50	N	<200	500	N	100	<500	>2,000	N
0650C	N	50	N	<200	1,000	N	100	<500	2,000	N
0651C	N	100	<20	1,000	500	N	200	<500	>2,000	N
0652C	N	70	N	1,000	500	N	150	<500	>2,000	N
0653C	N	50	N	<200	500	N	100	<500	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0654C	61 48 33	147 20 0	>50.00	.50	1.0	1.50	500	N	N	N	50	2,000
0655C	61 46 15	147 21 44	10.00	.50	2.0	2.00	100	N	N	N	500	100
0656C	61 42 1	147 15 24	20.00	1.50	5.0	>2.00	200	N	N	N	200	1,500
0657C	61 41 57	147 15 25	5.00	1.00	7.0	>2.00	200	N	2,000	N	300	1,000
0658C	61 42 1	147 19 6	20.00	2.00	7.0	>2.00	200	N	N	N	300	1,000
0659C	61 39 37	147 12 6	2.00	.50	3.0	>2.00	200	N	N	N	100	1,500
0660C	61 37 28	147 9 47	5.00	3.00	5.0	2.00	500	10.0	N	N	300	10,000
0661C	61 35 14	147 10 39	10.00	2.00	5.0	>2.00	500	200.0	1,000	500	200	>10,000
0662C	61 39 14	147 19 16	5.00	1.50	5.0	>2.00	500	N	N	N	500	700
0663C	61 42 26	147 22 12	2.00	3.00	10.0	1.00	500	N	N	N	3,000	500
0664AC	61 36 13	147 19 6	2.00	1.00	5.0	>2.00	300	N	N	N	700	700
0664BC	61 36 13	147 19 6	1.50	1.00	5.0	>2.00	500	300.0	500	>1,000	2,000	700
0666C	61 44 36	147 23 23	5.00	.20	2.0	1.00	500	<1.0	N	N	1,000	150
0667C	61 41 40	147 29 54	30.00	2.00	10.0	2.00	1,500	N	N	N	1,000	3,000
0668C	61 41 36	147 29 53	7.00	2.00	10.0	>2.00	1,000	70.0	N	N	100	500
0669C	61 42 11	147 33 21	15.00	1.50	7.0	>2.00	500	10.0	N	N	500	2,000
0670C	61 44 41	147 36 25	20.00	1.50	20.0	2.00	1,000	N	N	N	>5,000	>10,000
0671C	61 32 57	147 29 26	5.00	<.05	1.0	1.50	50	20.0	20,000	N	700	1,000
0672C	61 32 29	147 39 14	10.00	.30	2.0	1.50	200	5.0	15,000	N	1,500	>10,000
0673C	61 33 1	147 32 46	1.00	.50	7.0	>2.00	500	N	N	N	3,000	1,500
0674C	61 32 37	147 23 26	20.00	.20	5.0	>2.00	200	20.0	>20,000	N	150	7,000
0675C	61 34 53	147 28 45	7.00	.50	5.0	>2.00	500	100.0	20,000	150	>5,000	7,000
0677C	61 35 58	147 17 34	10.00	.50	3.0	>2.00	300	30.0	<500	N	200	500
0678C	61 36 10	147 10 23	1.00	1.00	7.0	>2.00	700	N	N	N	1,500	1,500
0680C	61 32 17	147 11 15	5.00	.50	2.0	>2.00	500	30.0	10,000	N	100	1,000
0682C	61 34 3	147 6 10	10.00	1.00	5.0	>2.00	1,000	50.0	10,000	50	500	>10,000
0683C	61 35 16	147 6 54	2.00	.20	5.0	>2.00	500	10.0	<500	N	100	1,000
0684C	61 36 15	147 4 19	20.00	.50	5.0	>2.00	300	10.0	5,000	N	200	700
0685C	61 39 19	147 3 32	5.00	.50	5.0	>2.00	500	N	1,000	N	100	700
0687C	61 35 12	147 42 41	2.00	.50	5.0	>2.00	500	15.0	N	N	5,000	5,000
0688C	61 35 14	147 42 48	1.00	.50	5.0	>2.00	500	100.0	N	500	5,000	700
0689C	61 35 12	147 42 35	2.00	.50	5.0	>2.00	500	10.0	1,000	N	1,500	700
0690C	61 39 58	147 33 8	20.00	.20	3.0	2.00	200	5.0	1,000	N	100	3,000
0691C	61 0 18	148 52 31	5.00	1.00	5.0	>2.00	1,000	N	N	N	1,000	2,000
0692C	61 35 38	147 29 8	10.00	.50	5.0	>2.00	500	5.0	5,000	N	200	700
0693C	61 34 56	147 32 10	7.00	1.00	5.0	>2.00	1,000	20.0	2,000	N	>5,000	2,000
0694C	61 37 8	147 48 54	2.00	.70	5.0	>2.00	700	30.0	N	100	3,000	1,000
0695C	61 38 7	147 48 14	2.00	.70	7.0	>2.00	1,000	100.0	N	200	500	1,000
0696C	61 39 23	147 47 52	15.00	.50	3.0	2.00	300	10.0	>20,000	N	700	>10,000
0697C	61 41 55	147 48 15	15.00	.20	2.0	2.00	200	10.0	5,000	N	100	1,500
0698C	61 41 57	147 48 21	30.00	.20	1.5	2.00	200	10.0	>20,000	N	100	>10,000
0699C	61 40 8	147 50 46	30.00	.20	1.0	2.00	200	100.0	>20,000	300	50	5,000
0700C	61 44 32	147 46 45	7.00	.50	7.0	>2.00	1,000	1.0	N	N	>5,000	1,000
0701C	61 42 11	147 56 19	3.00	.70	5.0	1.50	1,000	N	N	N	>5,000	>10,000
0702C	61 42 6	147 56 18	7.00	.20	2.0	>2.00	200	10.0	5,000	N	200	7,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0654C	N	N	N	500	50	700	N	<10	N	100	200
0655C	N	N	N	500	50	300	N	N	N	50	N
0656C	N	N	N	1,000	300	500	N	N	N	50	N
0657C	N	N	N	100	150	200	N	N	N	N	100
0658C	N	N	N	1,000	500	700	N	N	N	100	N
0659C	N	N	N	20	100	20	N	N	<50	<10	<20
0660C	N	30	N	100	200	200	100	N	N	150	10,000
0661C	N	100	N	150	300	500	200	N	100	200	20,000
0662C	N	N	N	30	100	300	N	N	N	70	200
0663C	N	N	N	70	150	150	N	N	N	N	50
0664AC	N	N	N	30	200	20	50	N	70	N	50
0664BC	N	<20	N	20	200	300	100	N	50	N	500
0665C	N	N	N	200	20	150	N	N	N	<10	150
0667C	N	N	N	1,000	150	1,000	N	20	N	150	200
0668C	N	N	N	150	200	500	50	N	<50	100	500
0669C	N	<20	N	700	200	700	N	N	<50	500	2,000
0670C	N	N	N	700	200	700	N	N	N	50	100
0671C	N	<20	N	50	<20	50	N	N	N	70	2,000
0672C	N	<20	N	150	<20	700	N	200	N	200	500
0673C	N	<20	N	20	100	10	N	N	70	N	100
0674C	N	30	N	500	50	200	N	N	50	500	5,000
0675C	N	200	N	50	100	100	N	N	70	<10	20,000
0677C	N	30	N	100	50	500	50	N	100	300	3,000
0678C	N	<20	N	20	200	15	200	<10	100	N	500
0680C	N	70	N	30	20	200	300	N	100	100	10,000
0682C	N	30	N	100	200	1,000	100	20	100	200	5,000
0683C	N	<20	N	20	50	50	50	N	100	N	1,000
0684C	N	20	N	200	100	200	50	N	50	200	1,000
0685C	N	N	N	30	300	50	N	N	100	20	100
0687C	N	20	N	20	70	20	N	N	50	N	1,000
0688C	N	<20	N	10	50	300	N	N	<50	N	200
0689C	N	20	N	15	70	50	N	N	70	N	1,000
0690C	N	<20	N	300	50	500	N	N	N	500	500
0691C	N	N	N	15	200	150	<50	N	100	50	100
0692C	N	20	N	100	100	150	<50	N	50	150	1,000
0693C	N	20	N	70	100	50	200	N	50	50	3,000
0694C	N	20	N	20	100	50	<50	N	50	N	700
0695C	N	<20	N	20	150	50	<50	N	100	<10	300
0696C	N	<20	N	100	100	150	N	N	<50	200	1,000
0697C	N	20	N	500	50	200	N	N	<50	300	1,000
0698C	N	20	N	500	50	200	N	N	<50	300	1,000
0699C	N	20	N	500	30	300	N	N	N	500	1,000
0700C	5	N	N	30	20	200	N	50	N	N	200
0701C	N	N	N	10	50	30	N	N	N	<10	100
0702C	N	<20	N	200	50	100	N	N	N	100	1,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0654C	N	<10	N	N	100	N	100	1,000	>2,000	N
0655C	N	70	N	0	500	N	200	<500	2,000	N
0656C	N	100	N	0	700	100	70	<500	>2,000	N
0657C	N	50	N	0	700	300	50	<500	2,000	N
0658C	N	100	N	0	700	N	70	<500	1,000	N
0659C	N	50	N	500	200	2,000	300	<500	>2,000	N
0660C	N	50	N	700	200	N	100	<500	>2,000	N
0661C	N	70	N	0	200	N	500	<500	>2,000	N
0662C	N	50	N	0	300	N	200	<500	>2,000	N
0663C	N	20	N	1,000	100	N	N	<500	500	N
0664AC	N	50	<20	0	300	N	500	<500	2,000	N
0664BC	N	100	70	0	300	N	1,000	<500	>2,000	N
0666C	N	<10	N	N	200	N	50	<500	>2,000	N
0667C	N	100	N	500	300	N	100	<500	2,000	N
0668C	N	100	N	200	300	N	300	<500	>2,000	N
0669C	N	50	N	0	200	100	300	<500	>2,000	N
0670C	N	50	N	1,000	200	N	300	<500	2,000	N
0671C	N	<10	N	N	70	<100	200	<500	>2,000	N
0672C	N	<10	N	2,000	70	N	200	<500	>2,000	N
0673C	N	50	50	0	300	N	500	<500	>2,000	N
0674C	N	30	N	200	200	N	500	<500	>2,000	N
0675C	N	100	50	0	300	N	1,000	<500	>2,000	N
0677C	N	30	<20	N	200	N	500	<500	>2,000	N
0678C	N	70	70	0	300	N	700	<500	>2,000	N
0680C	N	20	N	300	200	<100	200	<500	>2,000	N
0682C	N	50	N	1,000	200	500	200	<500	>2,000	N
0683C	N	50	50	0	200	N	500	<500	>2,000	N
0684C	N	70	N	0	100	300	500	<500	>2,000	N
0685C	N	50	N	0	500	300	200	<500	>2,000	N
0687C	N	50	N	0	150	200	300	<500	>2,000	N
0688C	N	50	50	0	100	N	500	<500	>2,000	N
0689C	N	50	20	0	200	N	500	<500	>2,000	N
0690C	N	30	N	500	100	1,000	300	<500	>2,000	N
0691C	N	50	20	1,000	200	500	300	<500	>2,000	N
0692C	N	50	50	0	200	N	500	<500	>2,000	N
0693C	N	50	<20	500	150	<100	300	<500	>2,000	N
0694C	N	50	20	200	150	N	500	<500	>2,000	N
0695C	N	50	20	1,000	200	N	300	<500	>2,000	N
0696C	N	30	N	3,000	100	N	200	<500	>2,000	N
0697C	N	20	N	0	100	N	200	<500	>2,000	N
0698C	N	20	N	500	100	200	200	<500	>2,000	N
0699C	N	10	N	N	70	100	200	<500	>2,000	N
0700C	N	50	N	500	200	N	100	<500	2,000	N
0701C	N	20	N	700	200	N	100	<500	>2,000	N
0702C	N	50	N	0	100	300	500	<500	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0703C	61 38 11	147 58 37	20.00	.20	2.0	2.00	200	20.0	5,000	N	200	10,000
0704C	61 42 4	148 5 38	30.00	.70	3.0	1.50	500	2.0	N	N	5,000	10,000
0705C	61 46 19	148 6 13	10.00	.20	1.5	>2.00	1,000	2.0	<500	N	1,000	>10,000
0706C	61 47 8	148 12 14	20.00	.50	7.0	2.00	500	N	N	N	>5,000	>10,000
0707C	61 46 17	148 17 36	5.00	.20	10.0	2.00	200	N	N	N	>5,000	10,000
0708C	61 43 43	148 20 57	5.00	.70	10.0	>2.00	700	N	N	N	>5,000	10,000
0709C	61 43 39	148 20 45	10.00	.50	3.0	>2.00	200	2.0	<500	N	2,000	>10,000
0710C	61 41 32	148 15 4	20.00	.50	2.0	>2.00	500	5.0	1,000	N	1,000	>10,000
0711C	61 41 35	148 15 3	20.00	1.00	5.0	1.50	500	<1.0	N	N	5,000	>10,000
0712C	61 52 30	148 13 38	30.00	.20	2.0	2.00	500	5.0	N	N	1,000	>10,000
0713C	61 51 55	148 15 13	10.00	1.50	3.0	2.00	1,000	N	N	N	3,000	>10,000
0714C	61 49 9	148 7 18	2.00	.50	3.0	>2.00	500	N	N	N	1,000	10,000
0715C	61 49 6	148 7 15	2.00	.50	3.0	>2.00	700	N	N	N	200	>10,000
0716C	61 49 6	147 58 53	10.00	7.00	5.0	>2.00	1,000	N	N	N	200	10,000
0717C	61 52 0	147 57 32	10.00	2.00	7.0	>2.00	700	N	N	N	>5,000	>10,000
0718C	61 52 3	147 57 22	10.00	.50	5.0	.70	300	<1.0	N	N	>5,000	>10,000
0719C	61 49 24	147 46 25	10.00	2.00	2.0	.70	500	N	500	N	5,000	>10,000
0720C	61 48 27	147 41 29	15.00	.70	5.0	2.00	700	N	N	N	100	>10,000
0721C	61 51 29	148 23 45	15.00	.70	5.0	>2.00	500	N	N	N	700	>10,000
0722C	61 59 58	148 29 57	7.00	.50	5.0	>2.00	300	N	2,000	N	200	5,000
0723C	61 56 21	148 30 48	7.00	.20	7.0	>2.00	500	N	N	N	700	500
0724C	61 56 19	148 30 38	5.00	.30	5.0	2.00	500	N	N	N	2,000	1,000
0725C	61 59 12	148 38 58	10.00	.50	3.0	1.50	500	N	2,000	N	3,000	5,000
0726C	61 57 27	148 39 29	5.00	.20	5.0	.70	300	N	N	N	200	500
0727C	61 56 25	148 44 42	5.00	.30	5.0	2.00	500	N	N	N	300	10,000
0728C	61 54 28	148 38 7	5.00	.20	10.0	>2.00	1,000	N	N	N	20	1,500
0729C	61 50 35	148 34 43	3.00	.20	3.0	1.00	500	N	N	N	1,000	2,000
0730C	61 48 37	148 30 6	5.00	1.00	5.0	>2.00	1,000	N	N	N	1,500	>10,000
0731C	61 48 10	148 40 6	2.00	2.00	7.0	2.00	1,000	N	N	N	300	700
0732C	61 46 26	148 50 10	2.00	.20	5.0	>2.00	500	N	N	N	700	3,000
0733C	61 46 29	148 50 21	3.00	.30	5.0	>2.00	500	N	N	N	200	3,000
0734C	61 47 37	147 35 20	3.00	.20	5.0	2.00	500	N	N	N	100	3,000
0735C	61 48 7	147 48 24	2.00	.50	7.0	1.00	700	N	N	N	>5,000	>10,000
0736C	61 34 58	147 57 21	2.00	1.00	10.0	2.00	1,000	N	N	N	150	10,000
0737C	61 34 58	147 57 24	2.00	.50	5.0	>2.00	500	N	N	N	>5,000	5,000
0738C	61 34 57	147 57 31	2.00	.50	5.0	>2.00	300	N	N	N	150	1,500
0739C	61 34 41	147 55 40	10.00	.70	5.0	2.00	500	5.0	500	N	700	10,000
0740C	61 34 49	147 55 43	5.00	.50	5.0	>2.00	300	5.0	N	N	3,000	>10,000
0741C	61 34 44	147 55 43	3.00	.50	5.0	>2.00	300	5.0	<500	N	2,000	5,000
0742C	61 35 58	148 0 56	3.00	.50	7.0	>2.00	500	10.0	2,000	N	3,000	3,000
0743C	61 35 52	148 0 47	20.00	.20	3.0	2.00	200	15.0	5,000	N	70	>10,000
0744C	61 40 5	148 11 36	15.00	.70	5.0	2.00	500	N	N	N	>5,000	10,000
0745C	61 40 9	148 11 43	20.00	.50	3.0	2.00	500	15.0	N	N	5,000	>10,000
0746C	61 44 59	148 12 10	5.00	.50	7.0	1.50	500	N	N	N	>5,000	>10,000
0747C	61 44 59	148 11 55	2.00	1.50	10.0	1.00	700	N	N	N	5,000	5,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0703C	N	30	N	300	30	200	N	N	N	300	1,500
0704C	N	N	N	300	50	500	N	N	N	300	200
0705C	N	N	N	200	70	150	N	<10	50	300	200
0706C	N	N	N	500	50	300	N	N	N	100	<20
0707C	N	N	N	300	20	100	N	N	N	50	N
0708C	N	N	N	70	50	100	N	N	N	N	N
0709C	N	N	N	200	70	200	N	N	50	150	700
0710C	N	N	N	500	100	500	N	N	50	200	1,000
0711C	N	N	N	200	200	200	N	N	N	200	100
0712C	N	N	N	200	20	200	N	N	N	100	1,000
0713C	N	N	N	100	500	300	<50	<10	N	200	50
0714C	N	50	N	20	500	300	300	N	50	N	50
0715C	N	N	N	20	700	500	300	N	70	N	200
0716C	N	N	N	100	1,500	500	100	N	<50	200	20
0717C	N	N	N	50	700	1,000	200	N	50	70	50
0718C	N	N	N	50	100	500	N	<10	N	20	50
0719C	N	N	N	100	500	100	N	N	N	200	150
0720C	N	N	N	70	70	500	N	N	N	100	20
0721C	N	N	N	100	200	500	300	N	N	20	700
0722C	N	N	N	50	200	300	<50	N	N	50	100
0723C	N	N	N	200	30	500	50	50	N	20	<20
0724C	N	N	N	150	<20	200	N	N	N	N	20
0725C	N	200	N	200	50	100	N	<10	N	50	500
0726C	N	N	N	100	N	300	N	N	N	N	N
0727C	N	N	N	150	<20	200	N	50	N	N	700
0728C	N	N	N	<10	<20	50	50	N	N	N	20
0729C	N	N	N	70	N	50	N	<10	N	N	100
0730C	<2	N	N	50	500	300	50	N	<50	<10	50
0731C	N	N	N	20	700	10	50	N	<50	<10	200
0732C	N	N	N	30	70	20	200	<10	<50	N	N
0733C	N	N	N	100	70	20	<50	<10	<50	N	<20
0734C	N	N	N	100	20	20	N	<10	N	N	20
0735C	N	N	N	<10	20	100	N	N	N	N	300
0736C	N	N	N	<10	100	15	N	N	50	N	N
0737C	N	N	N	20	100	20	N	N	50	N	200
0738C	N	N	N	10	100	15	N	N	N	N	100
0739C	N	N	N	100	50	500	N	N	N	100	5,000
0740C	N	N	N	20	70	50	N	N	N	<10	500
0741C	N	N	N	70	70	300	N	N	N	50	1,000
0742C	N	N	N	10	100	200	<50	N	<50	<10	2,000
0743C	N	50	N	150	50	300	N	N	<50	500	5,000
0744C	N	N	N	200	100	200	N	N	N	200	700
0745C	N	<20	N	200	100	300	N	N	N	200	10,000
0746C	N	N	N	100	50	100	N	N	N	70	50
0747C	N	N	N	10	50	20	N	N	N	N	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0703C	N	20	N	0	100	200	300	<500	>2,000	N
0704C	N	20	N	0	200	N	100	<500	>2,000	N
0705C	N	50	N	7,000	500	N	150	1,000	>2,000	N
0706C	N	20	N	1,000	200	N	50	<500	>2,000	N
0707C	N	20	N	500	100	N	200	<500	>2,000	N
0708C	N	20	N	700	200	N	100	<500	>2,000	N
0709C	N	30	N	1,000	100	<100	200	2,000	>2,000	N
0710C	N	50	N	700	200	200	200	5,000	>2,000	N
0711C	N	20	N	1,000	200	N	50	<500	2,000	N
0712C	N	50	N	5,000	200	N	200	1,500	>2,000	N
0713C	N	50	N	3,000	200	N	200	<500	>2,000	N
0714C	N	100	<20	<200	300	N	700	1,000	>2,000	N
0715C	N	100	20	500	300	N	500	2,000	>2,000	N
0716C	N	100	N	200	300	N	300	500	>2,000	N
0717C	N	70	N	500	300	N	500	<500	>2,000	N
0718C	N	20	N	5,000	100	N	70	<500	1,500	N
0719C	N	30	N	1,500	200	N	30	<500	>2,000	N
0720C	N	20	N	1,000	200	N	70	2,000	>2,000	N
0721C	N	100	N	1,000	200	N	500	1,500	>2,000	N
0722C	N	70	N	200	200	200	500	<500	>2,000	N
0723C	N	30	N	300	200	N	300	<500	>2,000	N
0724C	N	20	N	200	200	N	200	<500	>2,000	N
0725C	N	50	N	<200	200	200	500	<500	>2,000	N
0726C	N	<10	N	300	70	N	70	<500	>2,000	N
0727C	N	20	N	1,000	200	N	200	<500	>2,000	N
0728C	N	<10	N	700	100	N	500	<500	>2,000	N
0729C	N	30	N	200	100	N	200	<500	>2,000	N
0730C	N	50	200	1,000	300	N	300	<500	>2,000	N
0731C	N	30	N	500	300	N	200	<500	>2,000	N
0732C	N	70	<20	<200	300	N	700	<500	>2,000	N
0733C	N	50	<20	<200	300	N	700	1,000	>2,000	N
0734C	N	30	N	<200	200	N	500	<500	>2,000	N
0735C	N	<10	1,500	2,000	100	150	50	<500	>2,000	N
0736C	N	20	N	500	200	N	50	<500	2,000	N
0737C	N	50	150	<200	200	<100	700	<500	>2,000	N
0738C	N	50	<20	<200	200	100	500	<500	>2,000	N
0739C	N	20	N	200	200	N	300	<500	>2,000	N
0740C	N	50	<20	300	200	N	500	<500	>2,000	N
0741C	N	50	<20	<200	150	N	500	<500	>2,000	N
0742C	N	50	N	<200	200	N	500	<500	>2,000	N
0743C	N	30	N	200	70	<100	500	500	>2,000	N
0744C	N	30	200	500	100	N	200	<500	>2,000	N
0745C	N	30	1,500	2,000	150	N	200	<500	>2,000	N
0746C	N	10	N	700	100	N	50	<500	>2,000	N
0747C	N	<10	N	700	150	N	<20	<500	1,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0748C	61 38 32	148 12 56	30.00	.10	1.5	2.00	500	5.0	2,000	N	700	3,000
0749C	61 36 9	148 6 52	15.00	.20	3.0	2.00	200	50.0	>20,000	N	1,000	10,000
0750C	61 36 0	148 11 18	10.00	.30	2.0	>2.00	300	5.0	5,000	N	500	10,000
0751C	61 34 26	148 12 41	20.00	.15	1.0	2.00	150	50.0	7,000	50	300	10,000
0752C	61 34 27	148 12 49	50.00	.15	.5	1.00	150	30.0	20,000	N	100	2,000
0753C	61 33 56	148 13 28	15.00	.50	1.5	>2.00	300	50.0	10,000	20	50	>10,000
0754C	61 32 23	148 14 38	30.00	.10	.5	1.00	150	500.0	5,000	200	50	10,000
0755C	61 32 25	148 14 31	30.00	.15	.5	1.00	100	50.0	15,000	70	50	3,000
0756C	61 27 10	147 55 38	15.00	.50	2.0	>2.00	300	70.0	1,000	N	200	7,000
0757C	61 27 8	147 55 37	5.00	.70	5.0	>2.00	300	30.0	500	N	70	10,000
0758C	61 29 34	147 54 0	5.00	.70	2.0	>2.00	300	N	N	N	3,000	7,000
0759C	61 29 39	147 54 3	5.00	.70	3.0	>2.00	500	<1.0	N	N	3,000	10,000
0760C	61 29 40	147 54 7	2.00	1.00	3.0	>2.00	500	N	N	N	5,000	1,500
0761C	61 27 22	147 59 37	5.00	.50	5.0	2.00	300	20.0	1,500	N	3,000	3,000
0762C	61 27 26	148 1 26	10.00	1.00	3.0	2.00	500	10.0	N	N	300	3,000
0763C	61 29 2	148 7 0	3.00	1.50	3.0	>2.00	500	N	N	N	100	3,000
0764C	61 30 47	148 10 28	7.00	.70	3.0	>2.00	700	<1.0	N	N	150	5,000
0766C	61 42 37	148 34 15	20.00	.30	2.0	1.00	200	<1.0	N	N	3,000	200
0767C	61 45 10	148 34 40	2.00	.70	5.0	>2.00	500	N	N	N	500	>10,000
0768C	61 42 34	148 44 12	2.00	1.00	5.0	1.50	700	N	N	N	200	500
0769C	61 39 48	148 44 32	3.00	1.00	7.0	1.50	700	N	N	N	500	300
0770C	61 44 25	148 50 50	1.50	.50	1.0	1.50	500	N	N	N	70	1,000
0771C	61 37 53	148 50 39	2.00	.30	1.5	>2.00	500	N	N	N	100	2,000
0772C	61 36 14	148 44 49	30.00	.50	1.0	1.50	200	N	N	N	200	7,000
0773C	61 52 22	148 49 10	5.00	.20	2.0	2.00	500	N	N	N	50	10,000
0774C	61 50 7	148 49 26	7.00	.50	5.0	>2.00	1,000	N	N	N	700	3,000
0775C	61 50 6	148 49 40	5.00	.30	7.0	>2.00	1,000	N	N	N	200	5,000
0776C	61 46 16	148 54 23	7.00	.70	7.0	>2.00	2,000	N	N	N	70	500
0777C	61 45 8	149 1 30	1.50	.20	5.0	1.50	500	N	N	N	150	700
0779C	61 49 12	148 59 41	1.00	.20	3.0	2.00	500	N	N	N	50	700
0779C	61 48 37	149 6 4	.20	.20	1.0	1.00	200	N	N	N	50	200
0780C	61 47 13	149 8 50	.50	.10	2.0	2.00	300	N	N	N	30	100
0781C	61 49 8	149 14 25	2.00	.10	5.0	>2.00	500	N	N	N	20	700
0782C	61 32 20	148 52 37	3.00	1.00	5.0	>2.00	700	N	N	N	5,000	>10,000
0783C	61 33 34	148 50 32	2.00	1.00	7.0	>2.00	700	N	N	N	>5,000	>10,000
0784C	61 31 5	148 43 35	30.00	.20	.3	2.00	1,000	10.0	1,000	N	100	>10,000
0785C	61 32 4	148 39 18	20.00	.20	.5	>2.00	200	N	5,000	N	500	>10,000
0786C	61 31 59	148 39 15	5.00	1.00	3.0	>2.00	1,000	N	N	N	100	>10,000
0787C	61 33 31	148 37 29	30.00	.70	2.0	>2.00	500	10.0	2,000	N	2,000	>10,000
0788C	61 34 47	148 33 45	2.00	.05	<.1	2.00	70	N	N	N	<20	700
0789C	61 30 51	148 36 48	7.00	.70	5.0	>2.00	1,000	N	<500	N	200	10,000
0790C	61 32 1	148 31 53	10.00	.50	2.0	>2.00	500	N	2,000	N	100	1,500
0791C	61 31 58	148 31 56	20.00	.50	3.0	>2.00	500	N	10,000	N	70	7,000
0793C	61 27 59	148 29 5	30.00	.05	.5	2.00	200	2.0	2,000	N	20	>10,000
0794C	61 32 11	148 24 52	30.00	.05	.5	1.00	200	10.0	20,000	N	50	5,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0748C	N	N	N	500	50	1,000	N	<10	50	500	700
0749C	N	30	N	200	50	500	N	N	<50	200	5,000
0750C	N	N	N	200	100	500	N	N	70	200	3,000
0751C	N	N	N	1,000	50	500	N	N	<50	500	1,000
0752C	N	N	N	1,000	30	700	N	N	N	1,000	2,000
0753C	N	N	N	200	200	300	N	50	50	200	2,000
0754C	N	N	N	1,000	20	1,500	N	N	N	1,500	1,000
0755C	N	N	N	700	20	500	N	N	N	700	1,000
0756C	N	20	N	200	200	300	N	N	<50	300	5,000
0757C	N	N	N	50	200	300	N	N	<50	100	1,500
0758C	N	N	N	70	100	200	N	N	<50	70	100
0759C	N	N	N	50	500	200	N	N	<50	100	500
0760C	N	N	N	30	1,000	150	N	N	<50	70	20
0761C	N	20	N	150	100	300	<50	30	<50	200	5,000
0762C	N	N	N	200	300	700	50	N	<50	200	3,000
0763C	N	N	N	30	500	200	<50	N	70	50	50
0764C	N	N	N	50	1,000	200	200	N	70	100	500
0765C	N	N	N	200	20	200	N	50	N	20	500
0767C	N	N	N	10	50	20	N	N	N	N	50
0768C	N	N	N	50	50	<10	N	N	N	N	N
0769C	N	N	N	50	100	100	N	N	N	N	N
0770C	N	N	N	50	<20	<10	N	N	N	N	N
0771C	N	N	N	100	70	20	N	N	N	50	N
0772C	<2	N	N	200	100	200	N	N	N	300	200
0773C	N	N	N	100	<20	200	N	200	N	<10	300
0774C	N	N	N	70	50	100	100	<10	N	N	20
0775C	N	N	N	20	20	100	N	N	50	N	20
0776C	N	N	N	<10	70	20	<50	20	100	N	20
0777C	N	N	N	20	<20	50	<50	N	N	N	<20
0778C	N	N	N	<10	<20	30	50	<10	N	N	<20
0779C	N	N	N	N	<20	30	50	N	N	N	<20
0780C	N	<20	N	N	<20	10	100	N	<50	N	N
0781C	N	<20	N	<10	20	10	200	N	100	N	<20
0782C	N	N	N	10	100	200	N	N	<50	20	N
0783C	N	N	N	20	100	20	N	N	<50	20	N
0784C	N	N	N	300	50	500	N	<10	N	500	2,000
0785C	N	N	N	200	70	300	N	N	50	200	500
0786C	N	N	N	50	700	100	100	N	50	50	1,000
0787C	N	N	N	500	150	500	N	<10	70	300	2,000
0788C	N	N	N	100	100	300	N	<10	50	50	500
0789C	N	N	N	100	300	500	200	N	100	100	500
0790C	N	N	N	50	150	200	<50	N	70	100	700
0791C	N	N	N	100	100	300	N	N	50	200	300
0793C	N	N	N	200	50	300	N	N	N	300	1,500
0794C	N	N	N	200	20	200	N	N	N	500	1,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0748C	N	20	N	500	200	N	200	7,000	>2,000	N
0749C	N	30	N	500	100	N	300	<500	>2,000	N
0750C	N	30	N	700	200	100	200	5,000	>2,000	N
0751C	N	20	N	200	100	<100	200	<500	>2,000	N
0752C	N	N	N	N	50	200	100	500	>2,000	N
0753C	N	50	N	1,500	200	500	300	<500	>2,000	N
0754C	N	<10	N	<200	70	500	200	<500	>2,000	N
0755C	N	N	N	N	50	150	200	<500	>2,000	N
0756C	N	50	N	500	150	700	300	500	>2,000	N
0757C	N	70	N	700	200	700	300	<500	>2,000	N
0758C	N	30	100	200	150	100	200	<500	>2,000	N
0759C	N	70	N	500	200	200	500	<500	>2,000	N
0760C	N	50	N	200	200	500	200	<500	>2,000	N
0761C	N	20	N	1,000	100	1,000	200	<500	>2,000	N
0762C	N	50	N	1,000	200	1,000	200	<500	>2,000	N
0763C	N	70	N	<200	200	200	300	500	>2,000	N
0764C	N	70	30	200	300	300	500	500	>2,000	N
0766C	N	<10	N	N	100	N	50	5,000	2,000	N
0767C	N	20	N	1,500	200	N	100	<500	>2,000	N
0768C	N	<10	N	200	200	100	30	<500	>2,000	N
0769C	N	<10	N	500	300	N	<20	<500	>2,000	N
0770C	N	<10	N	500	100	N	150	<500	>2,000	N
0771C	N	50	N	<200	100	N	500	<500	>2,000	N
0772C	N	30	N	200	70	N	200	<500	>2,000	N
0773C	N	10	N	700	100	100	200	<500	>2,000	N
0774C	N	50	N	1,000	200	N	200	<500	>2,000	N
0775C	N	20	N	1,000	200	N	500	<500	>2,000	N
0776C	N	30	N	1,500	700	N	1,000	<500	>2,000	N
0777C	N	20	N	1,000	150	100	300	<500	>2,000	N
0778C	N	50	N	1,000	150	150	500	<500	>2,000	N
0779C	N	100	N	0	100	<100	700	<500	>2,000	N
0780C	N	70	N	N	200	100	500	<500	>2,000	N
0781C	N	30	50	N	500	2,000	500	<500	>2,000	N
0782C	N	20	N	1,500	200	300	50	<500	>2,000	N
0783C	N	15	N	1,000	200	<100	50	<500	>2,000	N
0784C	N	30	N	3,000	100	200	150	3,000	>2,000	N
0785C	N	50	N	1,000	200	100	200	2,000	>2,000	N
0786C	N	100	N	200	500	100	300	<500	>2,000	N
0787C	N	50	N	2,000	200	N	150	5,000	>2,000	N
0788C	N	20	N	200	100	N	50	700	>2,000	N
0789C	N	50	N	1,000	200	100	300	700	>2,000	N
0790C	N	50	N	700	200	1,000	500	500	>2,000	N
0791C	N	50	N	500	200	700	300	500	>2,000	N
0793C	N	20	N	1,000	100	300	200	5,000	>2,000	N
0794C	N	20	N	0	50	500	200	<500	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0795C	61 32 15	148 24 59	30.00	.10	.5	1.50	500	5.0	10,000	N	70	5,000
0796C	61 36 17	148 23 30	20.00	.20	1.5	>2.00	200	2.0	10,000	N	300	>10,000
0797C	61 37 51	148 25 15	30.00	.10	1.0	1.50	200	10.0	1,500	N	300	10,000
0798C	61 36 41	148 20 16	10.00	.70	1.0	2.00	1,000	<1.0	<500	N	700	700
0799C	61 33 7	148 1 58	10.00	.50	5.0	2.00	1,000	15.0	>20,000	N	200	7,000
0800C	61 32 33	148 3 18	7.00	.70	5.0	>2.00	1,000	2.0	N	N	100	5,000
0801C	61 32 47	148 5 20	10.00	.50	2.0	2.00	500	5.0	15,000	N	100	>10,000
0802C	61 31 19	148 5 55	10.00	.70	2.0	>2.00	700	<1.0	N	N	100	1,000
0803C	61 31 25	148 5 49	10.00	1.00	3.0	2.00	1,000	50.0	2,000	N	200	5,000
0804C	61 31 13	148 6 0	10.00	1.50	5.0	>2.00	1,000	5.0	<500	N	300	5,000
3000C	61 56 7	148 54 9	1.00	.05	1.5	>2.00	200	N	N	N	100	3,000
3001C	61 55 8	148 58 40	1.00	.05	1.5	1.00	200	N	N	N	100	10,000
3002C	61 55 5	148 58 49	.70	.10	2.0	>2.00	300	N	2,000	N	200	10,000
3003C	61 58 50	149 1 46	.20	.05	2.0	.70	200	N	N	N	50	100
3004C	61 59 42	149 1 20	.20	<.05	2.0	.70	200	N	N	N	50	<50
3005C	61 56 41	149 5 59	.20	.07	2.0	1.50	300	N	N	N	50	200
3006C	61 52 42	149 7 55	.20	<.05	1.0	2.00	150	N	N	N	50	100
3007C	61 52 55	149 11 5	.10	<.05	1.0	2.00	200	N	N	N	50	<50
3008C	61 56 55	149 9 55	.20	.07	3.0	>2.00	1,000	N	N	N	50	50
3009C	61 58 25	149 14 37	.15	<.05	1.0	1.00	200	N	N	N	50	200
3010C	61 59 28	149 17 26	.15	<.05	2.0	.70	700	N	N	N	50	100
3011C	61 57 55	149 19 40	1.00	.30	2.0	>2.00	1,500	N	N	N	50	50
3012C	62 0 52	149 6 2	.20	.10	10.0	>2.00	1,500	N	N	N	50	100
3013C	62 1 39	149 9 27	.20	.05	2.0	>2.00	300	N	N	N	50	100
3014C	61 47 47	149 20 38	.20	.05	1.5	1.00	200	N	N	N	50	200
3015C	61 45 58	149 25 48	.70	<.05	.5	2.00	150	20.0	15,000	1,000	50	<50
3016C	61 45 49	149 29 15	.50	.07	1.0	>2.00	500	N	N	N	50	50
3017C	62 0 0	149 23 45	.50	<.05	7.0	>2.00	2,000	N	N	N	20	50
3018C	61 59 54	149 26 10	.50	.05	7.0	>2.00	2,000	N	N	N	30	50
3019C	62 0 0	149 29 10	.50	.05	10.0	>2.00	2,000	N	N	N	50	100
3020C	61 56 13	149 36 6	.50	.05	5.0	>2.00	1,500	N	N	N	50	50
3021C	61 54 18	149 23 30	.50	.05	3.0	>2.00	1,000	N	N	N	50	<50
3022C	61 51 56	149 45 31	.50	.10	10.0	>2.00	1,500	N	N	N	50	50
3023C	61 52 30	149 37 50	.50	.07	2.0	>2.00	1,500	N	N	N	50	<50
3024C	61 51 35	149 18 5	.30	.10	5.0	>2.00	700	N	N	N	50	50
3025C	61 46 59	149 16 19	.50	.10	2.0	>2.00	700	N	N	N	100	100
3027C	61 41 47	149 16 45	1.00	.30	2.0	>2.00	700	N	N	N	100	200
3028C	61 41 33	149 28 6	.50	.20	1.5	>2.00	700	N	N	N	100	70
3029C	61 41 31	149 32 16	.50	.20	2.0	>2.00	1,000	N	N	N	100	150
3030C	61 21 47	148 11 50	7.00	.50	1.5	>2.00	1,000	N	N	N	2,000	500
3032C	61 24 14	148 12 14	2.00	.20	1.0	>2.00	500	N	5,000	N	200	5,000
3033C	61 21 49	148 13 54	.50	.15	2.0	>2.00	300	N	N	N	300	<50
3034C	61 20 34	148 18 0	5.00	.30	1.5	>2.00	500	N	N	N	500	1,000
3035C	61 18 20	148 19 50	2.00	.50	5.0	>2.00	500	N	N	N	>5,000	700
3036C	61 28 0	147 56 15	.50	.30	1.5	>2.00	200	5.0	N	N	500	1,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0795C	N	N	N	500	30	300	N	N	N	500	500
0796C	N	20	N	150	100	500	<50	N	100	200	700
0797C	N	N	N	500	50	500	N	N	<50	500	500
0798C	N	N	N	100	100	200	N	N	50	100	700
0799C	N	<20	N	70	100	1,000	50	N	50	100	1,000
0800C	N	N	N	20	100	150	100	N	70	50	1,000
0801C	N	<20	N	100	50	300	50	N	50	150	700
0802C	N	N	N	50	100	200	<50	N	70	50	50
0803C	N	20	N	50	150	500	<50	N	<50	700	10,000
0804C	N	N	N	50	200	300	150	<10	50	100	500
3000C	N	N	N	20	<20	1,000	300	<10	N	N	20
3001C	N	20	N	30	<20	500	100	N	N	N	500
3002C	N	50	N	50	30	20	100	30	N	N	<20
3003C	N	<20	N	N	N	15	150	<10	N	N	50
3004C	N	<20	N	N	N	10	200	70	N	N	<20
3005C	N	N	N	N	N	10	50	20	N	N	<20
3006C	N	N	N	N	N	50	150	N	N	N	<20
3007C	N	N	N	N	N	20	200	N	N	N	<20
3008C	N	N	N	N	N	700	300	<10	N	N	30
3009C	N	N	N	N	N	20	50	20	N	N	<20
3010C	N	N	N	N	<20	<10	300	N	N	N	<20
3011C	N	N	N	10	20	100	500	20	100	N	N
3012C	N	N	N	N	<20	<10	300	20	N	N	20
3013C	N	N	N	N	N	10	100	10	N	N	<20
3014C	N	N	N	N	N	10	150	10	N	N	500
3015C	N	<20	N	<10	<20	20	100	<10	N	N	300
3016C	N	N	N	<10	50	150	300	30	<50	N	100
3017C	N	<20	N	N	<20	20	500	<10	<50	N	20
3018C	N	N	N	<10	<20	N	700	15	100	N	50
3019C	N	>2,000	N	<10	<20	20	200	<10	100	N	500
3020C	N	N	N	<10	<20	N	1,000	50	200	N	<20
3021C	N	N	N	<10	20	20	700	30	100	N	N
3022C	N	N	N	<10	20	10	1,000	50	100	N	N
3023C	N	N	N	<10	20	20	1,000	50	150	N	N
3024C	N	N	N	<10	20	10	500	20	100	N	N
3025C	N	N	N	<10	<20	20	500	50	100	N	N
3027C	N	N	N	15	70	15	150	10	50	N	50
3028C	N	N	N	<10	30	10	500	20	<50	N	N
3029C	N	N	N	<10	30	10	700	20	50	N	20
3030C	N	N	N	100	70	500	100	<10	50	200	3,000
3032C	N	N	N	30	100	50	50	N	<50	20	1,000
3033C	<2	N	N	N	<20	<10	N	N	150	N	N
3034C	<2	N	N	150	50	300	<50	10	<50	100	200
3035C	2	N	N	50	30	100	N	70	<50	10	300
3036C	N	N	N	20	100	300	N	<10	<50	<10	2,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
0795C	N	20	N	0	100	<100	200	1,000	>2,000	N
0795C	N	50	N	1,500	200	100	200	2,000	>2,000	N
0797C	N	20	N	200	100	N	100	1,000	>2,000	N
0798C	N	50	N	200	200	N	100	3,000	2,000	N
0799C	N	50	N	1,000	150	1,000	300	<500	>2,000	N
0800C	N	50	N	1,000	200	500	200	<500	>2,000	N
0801C	N	30	N	1,000	150	500	200	<500	>2,000	N
0802C	N	50	N	500	150	<100	150	<500	>2,000	N
0803C	N	50	N	1,000	200	500	100	<500	>2,000	N
0804C	N	50	N	1,000	200	1,000	200	<500	>2,000	N
3000C	N	50	N	N	150	<100	700	N	>2,000	200
3001C	N	50	N	500	50	<100	500	N	>2,000	N
3002C	N	10	N	1,000	100	2,000	200	N	>2,000	N
3003C	N	30	N	N	50	100	500	N	>2,000	200
3004C	N	30	N	N	50	200	500	N	>2,000	300
3005C	N	30	N	200	100	300	300	N	>2,000	N
3006C	N	50	N	N	100	N	1,000	N	>2,000	<200
3007C	N	50	N	N	100	N	1,000	N	>2,000	<200
3008C	N	50	N	N	150	<100	700	N	>2,000	300
3009C	N	50	N	N	50	<100	500	N	>2,000	N
3010C	N	30	N	<200	50	<100	500	N	>2,000	N
3011C	N	10	50	N	300	N	1,000	N	>2,000	N
3012C	N	20	N	500	200	<100	700	N	>2,000	N
3013C	N	20	N	N	150	<100	500	N	>2,000	N
3014C	N	50	N	N	50	150	500	N	>2,000	N
3015C	N	50	50	N	100	100	1,000	N	>2,000	N
3016C	N	50	50	N	200	N	1,500	N	>2,000	<200
3017C	N	30	<20	N	100	200	1,500	N	>2,000	N
3018C	N	20	70	N	200	N	1,500	N	>2,000	700
3019C	N	30	30	N	200	N	1,000	N	>2,000	N
3020C	N	30	100	N	500	<100	1,500	N	>2,000	200
3021C	N	30	100	N	500	N	1,500	N	>2,000	N
3022C	N	20	100	N	500	N	1,500	N	>2,000	<200
3023C	N	20	100	N	500	N	1,500	N	>2,000	N
3024C	N	20	70	N	500	N	1,000	N	>2,000	N
3025C	N	30	100	N	500	100	1,000	N	>2,000	N
3027C	N	20	30	200	200	100	500	N	>2,000	N
3028C	N	30	50	N	200	N	1,000	N	>2,000	<200
3029C	N	30	70	N	300	N	1,000	N	>2,000	<200
3030C	N	30	N	200	200	100	300	N	>2,000	N
3032C	N	30	<20	200	200	200	500	N	>2,000	N
3033C	N	30	N	N	150	100	300	N	>2,000	N
3034C	N	20	N	1,000	200	100	200	N	>2,000	N
3035C	N	20	N	500	150	N	100	N	>2,000	N
3036C	N	30	<20	N	200	200	300	N	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3037C	61 27 49	148 3 30	10.00	.20	1.5	2.00	200	5.0	1,000	N	300	>10,000
3038C	61 28 30	148 13 11	2.00	.20	1.0	>2.00	200	N	N	N	1,500	>10,000
3039C	61 31 44	148 17 0	20.00	.15	.5	1.00	150	3.0	5,000	N	<20	10,000
3040C	61 26 40	148 18 11	.70	.20	1.5	>2.00	500	N	N	N	150	700
3041C	61 25 12	148 19 18	1.00	.50	2.0	>2.00	700	N	<500	N	200	1,500
3042C	61 45 40	149 29 16	.70	.20	5.0	>2.00	500	N	N	N	100	500
3043C	61 45 45	149 32 0	.70	.20	2.0	>2.00	700	N	N	N	100	500
3044C	61 49 49	149 28 11	.20	<.05	1.0	2.00	1,000	N	N	N	50	<50
3045C	61 49 54	149 28 16	.50	.10	1.5	>2.00	500	N	N	N	100	500
3046C	61 24 29	148 24 22	1.00	.10	.7	>2.00	100	50.0	5,000	200	100	5,000
3047C	61 20 49	148 24 23	5.00	1.00	5.0	>2.00	1,000	50.0	<500	150	>5,000	1,000
3048C	61 18 4	148 28 12	5.00	.20	1.0	>2.00	500	<1.0	500	N	>5,000	7,000
3049C	61 11 43	148 24 1	1.50	.70	2.0	>2.00	1,000	N	N	N	5,000	7,000
3051C	61 18 9	148 35 46	3.00	.50	2.0	>2.00	500	N	N	N	700	10,000
3052C	61 21 40	148 33 32	5.00	.10	1.0	2.00	150	N	N	N	70	2,000
3053C	61 23 46	148 36 11	1.00	.20	2.0	>2.00	500	N	N	N	1,000	5,000
3054C	61 13 58	148 26 58	15.00	.10	1.0	2.00	700	3.0	500	N	1,000	5,000
3055C	61 10 59	148 23 56	1.00	.30	2.0	1.50	500	N	N	N	>5,000	>10,000
3056C	61 12 33	148 29 40	1.00	.20	1.5	>2.00	500	N	N	N	2,000	1,000
3060C	61 20 41	148 43 9	1.50	.20	1.5	2.00	300	N	N	N	200	>10,000
3061C	61 21 40	148 43 38	2.00	.20	1.0	>2.00	500	N	N	N	5,000	>10,000
3063C	61 5 30	148 46 20	5.00	.20	1.0	>2.00	200	N	N	N	200	2,000
3064C	61 12 50	148 41 15	5.00	.20	1.0	2.00	200	N	N	N	>5,000	>10,000
3065C	61 22 19	148 43 20	.70	.15	1.0	2.00	200	N	N	N	2,000	10,000
3067C	61 19 0	148 47 31	1.50	.15	1.0	>2.00	500	N	N	N	2,000	>10,000
3068C	61 21 12	148 49 41	1.00	.15	1.5	2.00	200	N	N	N	>5,000	>10,000
3069C	61 22 37	148 52 7	.70	.20	1.0	>2.00	200	N	N	N	5,000	>10,000
3070C	61 22 20	148 50 1	2.00	.10	1.0	>2.00	150	N	N	N	>5,000	>10,000
3071C	61 28 58	149 6 35	10.00	.50	2.0	>2.00	500	N	N	N	1,000	>10,000
3073C	61 22 36	149 1 5	3.00	.20	1.0	>2.00	500	N	N	N	200	>10,000
3074C	61 23 22	148 57 39	1.50	.20	1.0	>2.00	300	N	N	N	200	>10,000
3075C	61 19 7	149 1 58	1.50	.20	1.5	>2.00	300	N	N	N	>5,000	>10,000
3077C	61 24 38	149 7 58	1.00	1.00	3.0	>2.00	300	N	N	N	700	>10,000
3078C	61 24 56	148 59 49	1.50	.10	1.0	>2.00	200	N	N	N	500	10,000
3079C	61 26 2	149 10 16	1.50	.50	1.0	>2.00	1,000	N	N	N	1,500	>10,000
3080C	61 25 51	149 12 37	2.00	.50	2.0	>2.00	500	N	N	N	200	>10,000
3082C	61 24 54	149 16 39	1.50	.10	.7	>2.00	200	N	N	N	300	>10,000
3083C	61 26 58	149 22 0	.70	1.00	3.0	>2.00	500	N	N	N	500	2,000
3084C	61 16 27	149 5 15	1.50	.70	5.0	>2.00	1,500	N	N	N	>5,000	7,000
3086C	61 15 25	149 8 12	.50	.20	2.0	1.00	300	700.0	N	>1,000	2,000	1,000
3087C	61 17 6	149 9 22	.50	.15	2.0	2.00	300	500.0	N	1,000	5,000	3,000
3088C	61 18 35	149 12 26	1.00	.30	2.0	>2.00	300	100.0	N	300	2,000	10,000
3089C	61 19 55	149 17 2	1.00	.50	1.5	>2.00	500	N	1,500	N	200	>10,000
3090C	61 19 55	149 16 45	.50	.15	1.5	>2.00	300	N	N	N	5,000	3,000
3092C	61 20 45	149 18 17	.50	.15	1.5	>2.00	300	50.0	N	150	5,000	5,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3037C	N	N	N	50	50	200	N	N	<50	200	3,000
3038C	<2	N	N	100	50	300	50	N	70	200	500
3039C	N	N	N	1,500	20	1,000	N	N	N	2,000	500
3040C	N	N	N	10	100	10	50	N	N	N	100
3041C	N	N	N	20	200	50	100	N	<50	N	100
3042C	N	N	N	20	150	20	N	N	50	20	100
3043C	N	N	N	10	100	<10	200	20	70	N	100
3044C	N	N	N	N	N	20	500	N	N	N	N
3045C	N	N	N	N	<20	10	1,000	15	50	N	50
3046C	N	N	N	50	100	200	<50	N	<50	100	300
3047C	N	N	N	100	200	500	200	N	N	100	200
3048C	N	N	N	100	50	200	100	N	<50	200	1,000
3049C	N	N	N	30	300	50	500	<10	<50	<10	3,000
3051C	N	N	50	50	300	200	N	N	50	100	200
3052C	N	N	<50	50	100	200	N	N	<50	100	150
3053C	N	N	50	10	200	10	N	N	<50	N	500
3054C	N	N	<50	200	100	500	N	N	N	500	3,000
3055C	N	N	N	10	300	20	N	N	<50	N	200
3056C	N	N	N	10	200	10	N	N	N	N	50
3060C	N	N	<50	20	50	30	N	N	<50	<10	50
3061C	N	N	<50	50	300	200	N	N	50	<10	300
3063C	N	N	200	50	150	200	50	N	<50	100	50
3064C	N	N	50	100	500	200	N	N	N	100	100
3065C	N	N	200	20	100	<10	N	N	N	N	200
3067C	N	N	200	50	200	20	N	N	N	10	200
3068C	N	N	200	50	50	10	N	N	N	N	150
3069C	N	N	50	20	30	<10	N	N	100	N	N
3070C	N	N	300	30	20	10	N	N	N	N	100
3071C	N	N	N	70	100	20	<50	N	N	50	3,000
3073C	N	N	N	50	100	20	N	N	50	N	50
3074C	N	N	N	20	100	20	200	N	100	N	50
3075C	N	<20	N	15	100	N	N	<10	100	N	3,000
3077C	N	N	N	30	100	15	200	N	50	N	1,000
3078C	N	N	N	15	100	50	100	N	100	N	300
3079C	N	N	N	20	100	10	50	N	<50	N	<20
3080C	N	N	N	30	300	N	200	N	<50	N	50
3082C	N	N	N	30	150	N	300	N	100	N	20
3083C	N	N	N	15	500	20	50	N	<50	20	3,000
3084C	N	N	N	20	150	10	N	N	<50	N	100
3085C	N	N	200	<10	30	N	N	N	N	N	N
3087C	N	N	200	<10	30	N	N	N	N	N	N
3088C	N	N	200	10	100	20	N	N	N	N	<20
3089C	N	N	N	20	150	20	100	N	<50	N	50
3090C	N	N	N	10	200	N	N	N	<50	N	N
3092C	N	N	100	<10	70	N	N	N	<50	N	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3037C	N	30	N	700	50	700	150	N	>2,000	N
3038C	N	50	N	1,500	100	200	500	1,000	>2,000	N
3039C	N	10	50	300	50	200	150	500	>2,000	N
3040C	N	50	50	N	200	150	700	500	>2,000	N
3041C	N	100	<20	N	200	<100	1,000	500	>2,000	N
3042C	N	20	20	1,000	200	N	500	<500	>2,000	N
3043C	N	20	30	300	200	N	500	N	>2,000	N
3044C	N	70	N	N	100	N	1,000	N	>2,000	N
3045C	N	50	20	N	200	100	1,000	N	>2,000	<200
3046C	N	30	N	N	200	200	500	2,000	>2,000	N
3047C	N	50	200	500	200	200	500	N	N	N
3048C	N	20	N	1,000	100	1,000	300	5,000	>2,000	N
3049C	N	70	50	<200	200	N	1,000	1,000	>2,000	N
3051C	N	50	N	200	200	N	200	N	>2,000	N
3052C	N	10	N	200	100	200	200	N	>2,000	N
3053C	N	70	<20	N	300	500	500	N	>2,000	N
3054C	1,000	<10	N	2,000	100	300	300	5,000	>2,000	N
3055C	N	20	N	200	200	200	150	N	>2,000	N
3056C	N	70	<20	N	500	N	1,000	N	>2,000	N
3060C	<200	20	N	1,000	100	150	150	N	>2,000	N
3061C	N	50	N	1,000	500	150	200	N	>2,000	N
3063C	N	50	N	500	200	N	500	N	>2,000	N
3064C	N	50	N	3,000	50	200	500	2,000	>2,000	N
3065C	N	50	N	N	200	100	200	N	>2,000	N
3067C	N	50	N	N	200	N	300	N	>2,000	N
3068C	N	50	N	2,000	150	N	200	N	>2,000	N
3069C	N	50	N	2,000	200	N	200	N	>2,000	N
3070C	N	30	N	1,000	70	N	500	N	>2,000	N
3071C	N	50	N	2,000	200	N	500	N	>2,000	N
3073C	300	50	N	1,000	200	N	500	500	>2,000	N
3074C	N	50	N	500	300	N	300	N	>2,000	N
3075C	N	20	N	1,500	200	<100	100	N	>2,000	N
3077C	N	30	N	1,500	200	N	200	500	>2,000	N
3078C	1,000	50	N	1,500	200	N	300	N	>2,000	N
3079C	N	30	N	1,000	200	N	200	N	>2,000	N
3080C	N	30	N	200	200	N	300	N	>2,000	N
3082C	N	50	N	500	300	500	500	N	>2,000	N
3083C	N	20	N	<200	100	N	150	N	>2,000	N
3084C	N	20	N	N	100	N	200	N	>2,000	N
3086C	N	30	N	N	100	700	200	N	>2,000	N
3087C	N	30	N	N	100	200	200	N	>2,000	N
3088C	N	50	N	<200	100	500	500	N	>2,000	N
3089C	1,000	50	N	300	200	300	300	N	>2,000	N
3090C	N	10	N	N	100	100	150	N	>2,000	N
3092C	N	30	100	N	100	200	500	N	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3093C	61 23 2	149 16 37	1.00	.20	1.5	>2.00	200	N	N	N	500	5,000
3094C	61 19 32	149 28 4	.70	.30	2.0	>2.00	500	N	N	N	200	3,000
3095C	61 14 33	148 58 20	1.00	.30	1.0	2.00	200	N	N	N	5,000	700
3096C	61 11 58	149 7 19	1.00	.10	5.0	.50	200	N	N	N	>5,000	5,000
3099C	61 7 46	149 6 50	.50	.07	.5	>2.00	150	100.0	N	100	1,000	>10,000
3100C	61 11 45	149 12 8	.70	.50	1.0	>2.00	300	100.0	N	300	2,000	>10,000
3101C	61 12 57	149 17 22	1.00	.50	1.0	>2.00	500	N	N	N	100	>10,000
3103C	61 15 45	149 25 14	1.00	.20	1.0	>2.00	200	N	N	N	700	5,000
3104C	61 10 6	149 22 26	1.00	5.00	2.0	>2.00	700	N	N	N	>5,000	1,000
3105C	61 1 38	149 1 0	15.00	.20	.5	1.00	700	5.0	7,000	N	100	5,000
3106C	61 1 36	149 1 10	2.00	.20	.5	>2.00	200	N	N	N	100	>10,000
3107C	61 1 38	149 6 55	20.00	.20	.7	1.00	150	1,500.0	>20,000	>1,000	50	7,000
3108C	61 5 51	149 0 50	2.00	.70	1.0	>2.00	500	N	N	<20	200	>10,000
3109C	61 3 16	149 15 43	1.00	.20	.5	>2.00	200	N	N	N	100	10,000
3110C	61 3 11	149 15 48	2.00	.15	.5	1.00	150	1,000.0	2,000	>1,000	70	500
3111C	61 4 4	149 13 21	2.00	.20	1.0	1.50	200	15.0	N	30	100	700
3112C	61 1 28	149 18 36	1.00	.30	1.5	>2.00	200	N	500	N	500	500
3114C	61 1 36	149 16 29	.70	.50	1.0	>2.00	300	N	N	N	100	300
3115C	61 6 5	149 17 4	2.00	.20	1.5	1.00	200	500.0	N	300	>5,000	>10,000
3116C	61 5 57	149 19 6	.70	.20	.5	>2.00	200	N	N	N	200	>10,000
3117C	61 6 41	149 22 42	1.50	2.00	2.0	2.00	1,000	N	N	N	5,000	>10,000
3118C	61 6 33	149 22 52	1.00	1.00	1.5	>2.00	1,000	N	1,000	N	1,500	>10,000
3119C	61 7 23	149 25 37	.50	1.00	1.0	.30	200	N	N	N	50	1,000
3121C	61 11 47	149 31 37	1.50	.70	1.5	>2.00	1,000	N	N	N	100	200
3122C	61 6 54	149 27 32	1.50	2.00	7.0	>2.00	1,500	N	N	<20	200	500
3123C	61 6 3	149 28 17	1.00	.70	1.5	>2.00	700	N	N	<20	2,000	2,000
3124C	61 2 19	149 29 17	1.50	2.00	1.5	>2.00	200	3,000.0	N	>1,000	150	>10,000
3125C	61 2 22	149 29 24	1.00	3.00	1.5	>2.00	700	N	N	<20	5,000	7,000
3126C	61 2 1	149 30 43	1.00	2.00	2.0	>2.00	1,000	N	N	<20	>5,000	700
3127C	60 58 12	149 20 0	1.50	1.00	1.5	>2.00	1,000	N	N	N	150	1,500
3129C	60 58 40	149 19 0	.70	.20	.7	>2.00	200	N	N	N	50	<50
3130C	61 7 26	149 0 10	1.00	.50	1.0	>2.00	500	N	5,000	N	500	>10,000
3131C	61 4 48	149 7 34	10.00	.50	1.5	>2.00	500	20.0	500	<20	300	>10,000
3132C	61 4 46	149 7 26	30.00	.20	.1	.50	150	20.0	15,000	N	20	1,000
3133C	61 7 0	149 10 59	2.00	.50	1.5	>2.00	500	N	N	N	150	>10,000
3134C	61 7 8	148 47 55	20.00	.50	1.5	>2.00	500	<1.0	N	N	200	1,500
3135C	61 5 5	148 47 52	2.00	.20	1.5	>2.00	1,000	N	N	N	100	>10,000
3136C	61 5 28	148 38 35	5.00	.50	1.0	.70	500	<1.0	N	N	500	>10,000
3137C	61 5 26	148 38 59	5.00	.20	.7	>2.00	200	15.0	N	N	100	>10,000
3138C	61 6 58	147 0 23	1.50	.50	2.0	>2.00	700	N	N	N	>5,000	10,000
3139C	61 7 18	147 0 28	1.50	.50	1.5	>2.00	500	N	N	N	5,000	>10,000
3140C	61 7 39	147 5 40	.50	.15	2.0	1.00	700	N	N	N	200	<50
3141C	61 5 59	147 20 59	20.00	.50	1.0	>2.00	200	10.0	1,500	N	2,000	>10,000
3142C	61 3 24	147 6 7	5.00	1.00	5.0	>2.00	1,000	N	15,000	N	>5,000	5,000
3143C	61 0 39	147 8 13	10.00	.50	2.0	1.50	500	5.0	2,000	N	5,000	>10,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3093C	N	N	N	20	150	N	200	N	50	N	N
3094C	N	N	50	10	200	N	200	20	<50	N	N
3095C	N	N	N	10	50	20	N	N	<50	N	70
3096C	N	N	N	<10	30	10	N	N	N	N	100
3099C	N	N	N	<10	100	N	N	N	50	N	200
3100C	N	N	300	20	300	150	50	<10	<50	N	100
3101C	N	N	N	20	200	10	N	N	50	N	50
3103C	N	N	N	15	100	N	N	N	50	N	50
3104C	N	N	N	30	1,000	N	N	10	N	100	N
3105C	N	N	N	500	50	1,000	N	N	N	1,000	2,000
3106C	<2	N	N	50	500	150	200	N	50	100	100
3107C	N	200	N	500	50	1,000	N	N	N	200	15,000
3108C	N	N	<50	150	200	200	<50	10	<50	20	500
3109C	N	N	N	10	50	N	N	<10	50	N	N
3110C	N	N	N	20	50	300	N	<10	N	100	200
3111C	<2	N	N	10	70	10	N	N	<50	<10	<20
3112C	N	N	N	10	70	N	<50	N	70	N	<20
3114C	N	N	<50	10	200	<10	<50	N	<50	N	50
3115C	<2	N	<50	30	70	N	N	15	N	50	<20
3116C	N	N	<50	20	200	N	50	10	70	10	70
3117C	N	N	N	20	500	10	150	N	N	70	20
3118C	N	N	150	30	500	20	500	N	<50	N	70
3119C	N	N	N	<10	500	10	N	N	N	<10	N
3121C	N	N	N	20	70	10	200	30	50	<10	<20
3122C	N	N	N	20	500	20	500	N	N	20	20
3123C	N	N	<50	20	200	<10	100	20	50	100	<20
3124C	N	N	N	<10	500	50	100	N	<50	N	500
3125C	N	N	N	50	1,000	50	50	N	<50	100	100
3126C	N	N	N	50	500	10	200	N	<50	20	100
3127C	N	N	N	30	100	20	100	N	50	10	<20
3129C	<2	N	N	<10	20	N	N	N	<50	N	N
3130C	N	N	N	30	200	10	300	20	<50	<10	70
3131C	<2	20	N	70	100	1,000	200	50	<50	200	5,000
3132C	N	N	N	500	70	500	N	N	N	500	3,000
3133C	N	N	N	70	200	150	300	N	<50	70	200
3134C	N	N	N	100	70	500	150	N	<50	500	300
3135C	N	N	N	70	70	150	100	N	<50	50	200
3136C	<2	N	N	50	20	100	N	N	N	100	100
3137C	N	30	50	150	200	2,000	50	10	50	200	10,000
3138C	<2	N	100	10	150	10	N	N	<50	N	70
3139C	<2	N	<50	15	100	<10	N	N	50	N	50
3140C	<2	N	N	N	<20	N	N	N	N	N	N
3141C	N	N	100	500	200	1,500	100	N	N	200	100
3142C	N	N	<50	30	200	50	50	N	<50	100	100
3143C	N	N	N	150	200	500	N	50	N	100	1,500

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3093C	N	50	N	200	200	N	500	N	>2,000	N
3094C	N	30	200	<200	150	N	500	N	>2,000	<200
3095C	N	20	N	N	100	N	150	N	>2,000	N
3096C	N	10	N	200	100	N	70	N	>2,000	N
3099C	N	20	N	300	150	200	200	N	>2,000	N
3100C	N	100	<20	3,000	200	100	1,000	N	>2,000	N
3101C	N	30	N	500	200	N	100	N	>2,000	N
3103C	N	30	1,500	N	100	N	150	N	>2,000	N
3104C	N	70	N	N	200	N	100	N	>2,000	N
3105C	N	20	N	2,000	70	N	200	5,000	>2,000	N
3106C	N	30	N	1,500	70	N	300	<500	>2,000	N
3107C	N	20	1,000	500	50	1,000	200	N	>2,000	N
3108C	N	50	N	<200	200	N	500	N	>2,000	N
3109C	N	20	N	N	100	N	70	N	>2,000	N
3110C	N	10	N	200	20	200	70	N	>2,000	N
3111C	N	10	N	700	100	N	100	N	>2,000	N
3112C	N	10	N	<200	200	N	150	N	1,000	N
3114C	N	50	<20	<200	200	N	500	N	>2,000	N
3115C	N	10	N	3,000	100	N	150	N	>2,000	N
3116C	N	20	<20	N	200	N	200	N	>2,000	N
3117C	N	30	N	3,000	200	N	200	500	>2,000	200
3118C	N	70	20	1,000	300	N	1,000	N	>2,000	<200
3119C	N	<10	N	N	50	N	70	N	>2,000	N
3121C	1,000	20	<20	<200	200	100	200	N	>2,000	N
3122C	N	50	50	<200	300	500	300	N	>2,000	N
3123C	N	50	N	200	200	N	200	N	>2,000	N
3124C	N	70	30	N	700	N	1,500	2,000	>2,000	N
3125C	700	70	<20	N	500	N	300	N	>2,000	<200
3126C	N	70	<20	N	500	N	700	N	>2,000	N
3127C	N	30	N	1,000	150	N	200	N	>2,000	N
3129C	N	<10	N	N	50	N	150	N	>2,000	N
3130C	N	70	<20	3,000	200	100	700	N	>2,000	N
3131C	N	20	N	2,000	100	5,000	500	N	>2,000	200
3132C	N	N	N	N	20	N	50	1,000	>2,000	N
3133C	N	30	<20	3,000	100	N	500	N	>2,000	N
3134C	N	20	N	1,000	150	N	500	500	>2,000	N
3135C	N	20	N	2,000	200	<100	200	N	>2,000	N
3136C	N	10	N	500	30	100	70	N	2,000	N
3137C	N	30	N	200	100	200	200	7,000	>2,000	N
3138C	N	50	20	N	150	100	500	N	>2,000	N
3139C	N	30	<20	<200	150	100	200	N	>2,000	N
3140C	N	N	N	N	70	N	70	N	>2,000	N
3141C	N	70	30	N	200	N	500	N	>2,000	N
3142C	200	50	30	N	100	N	500	N	>2,000	N
3143C	N	50	100	3,000	100	200	500	2,000	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3144C	61 13 9	147 1 45	1.50	1.00	2.0	>2.00	1,000	30.0	N	N	>5,000	1,000
3145C	61 4 14	147 5 59	2.00	1.00	7.0	1.00	1,000	50.0	<500	100	>5,000	>10,000
3146C	61 4 35	147 11 27	1.00	.50	.5	>2.00	100	N	N	N	200	500
3147C	61 5 8	147 24 23	.70	.20	.5	>2.00	300	N	N	N	700	>10,000
3148C	61 9 45	148 4 32	1.00	.30	1.0	>2.00	700	N	N	N	150	>10,000
3149C	61 7 40	148 16 47	10.00	.15	1.5	2.00	200	N	N	N	>5,000	1,000
3150C	61 6 40	148 16 33	1.50	.50	1.5	>2.00	700	N	N	N	>5,000	10,000
3152C	61 19 40	147 35 24	1.00	.20	1.0	>2.00	500	50.0	N	300	1,000	1,000
3153C	61 21 19	147 32 17	5.00	.07	.5	2.00	150	N	N	N	200	2,000
3154C	61 22 20	147 32 47	20.00	.10	1.0	2.00	150	50.0	>20,000	200	100	200
3155C	61 11 29	147 29 4	3.00	.30	1.0	>2.00	200	20.0	>20,000	70	5,000	5,000
3156C	61 9 14	147 31 32	20.00	.20	1.0	2.00	150	20.0	5,000	N	500	7,000
3157C	61 7 18	147 28 27	10.00	1.00	1.0	1.50	500	N	7,000	N	5,000	2,000
3158C	61 4 48	147 30 22	.70	.50	2.0	2.00	200	N	700	N	2,000	200
3159C	61 2 12	147 38 51	.70	.30	2.0	>2.00	500	200.0	7,000	500	1,000	500
3160C	61 0 21	147 24 2	1.50	.20	2.0	>2.00	500	N	10,000	N	500	>10,000
3161C	60 59 58	147 16 45	.70	.15	1.0	>2.00	200	N	500	N	100	200
3162C	61 15 49	147 34 18	20.00	.20	1.0	2.00	150	100.0	10,000	200	500	>10,000
3163C	61 34 2	148 27 6	20.00	.10	1.0	2.00	100	5.0	15,000	N	20	1,500
3164C	61 30 25	148 21 2	30.00	.10	.5	1.00	100	5.0	7,000	N	20	3,000
3165C	61 29 5	148 23 50	2.00	.10	.7	>2.00	150	N	2,000	N	50	>10,000
3166C	61 28 27	148 21 47	3.00	.70	2.0	2.00	700	N	500	N	50	3,000
3168C	61 10 49	148 48 4	5.00	.10	1.0	>2.00	200	N	<500	N	1,000	100
3169C	61 20 3	148 34 26	10.00	.10	.2	.50	200	2.0	N	N	20	10,000
3170C	61 22 58	148 45 28	1.00	.20	1.5	>2.00	500	N	N	N	>5,000	>10,000
3172C	61 30 48	148 14 20	1.50	.30	1.5	>2.00	500	100.0	10,000	70	2,000	>10,000
3173C	61 29 37	148 2 19	15.00	.20	.5	.50	200	50.0	500	100	50	2,000
3175C	61 41 7	149 32 40	.70	.20	2.0	>2.00	700	N	N	N	150	500
3177C	61 40 27	149 29 24	.70	.30	2.0	>2.00	700	N	N	N	150	200
3178C	61 40 27	149 29 16	1.00	.50	2.0	>2.00	1,000	N	N	N	200	200
3179C	61 42 26	149 18 43	.50	.10	2.0	>2.00	300	N	N	N	100	300
3180C	61 48 58	148 35 25	2.00	.50	2.0	.50	700	N	N	N	1,000	700
3181C	61 49 49	148 25 15	.70	.70	2.0	>2.00	700	7.0	N	20	700	1,500
3182C	61 55 15	148 7 45	1.50	.20	5.0	>2.00	200	N	N	N	>5,000	>10,000
3183C	61 45 33	148 23 43	10.00	.30	7.0	.70	500	N	N	N	>5,000	10,000
3184C	61 50 36	147 54 21	20.00	.05	.5	.15	100	3.0	2,000	N	2,000	>10,000
3185C	61 48 55	147 42 50	2.00	.10	1.0	1.00	700	1.0	N	N	5,000	>10,000
3186C	61 53 46	147 36 11	5.00	.20	1.0	.50	200	N	N	N	100	>10,000
3191C	61 14 32	149 6 22	.70	.05	7.0	.10	500	N	N	N	>5,000	>10,000
3194C	61 1 2	149 43 42	.20	.07	2.0	.15	200	20.0	N	N	>5,000	5,000
3195C	61 5 48	149 45 2	.50	.07	1.0	2.00	200	N	N	N	300	10,000
3196C	61 4 57	149 45 5	.50	.07	1.5	.30	300	N	N	N	500	>10,000
3198C	61 15 5	149 31 18	.30	.10	3.0	1.50	1,000	N	N	N	700	100
4000C	61 55 6	148 56 29	.70	.50	2.0	2.00	200	N	N	N	100	5,000
4001C	61 55 32	149 0 29	.50	.15	2.0	>2.00	500	N	N	N	50	700

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3144C	N	50	200	70	300	70	100	N	N	70	2,000
3145C	3	N	N	50	200	200	N	N	N	100	200
3146C	5	N	1,000	20	50	150	N	N	70	N	200
3147C	N	N	500	10	200	20	150	N	<50	N	300
3148C	N	N	<50	20	100	20	<50	N	50	N	<20
3149C	<2	N	100	50	70	50	N	<10	N	150	1,000
3150C	<2	N	N	20	70	10	N	N	<50	20	50
3152C	<2	N	500	10	200	50	N	N	N	<10	500
3153C	N	N	N	100	20	150	N	N	N	150	200
3154C	N	N	N	300	50	500	N	N	N	500	1,500
3155C	N	N	500	100	200	300	N	N	N	200	1,000
3156C	N	20	300	200	200	300	N	N	N	500	2,000
3157C	<2	N	100	100	300	200	N	20	N	300	300
3158C	N	N	N	15	300	10	N	N	N	<10	70
3159C	N	30	700	15	200	200	50	N	<50	<10	2,000
3160C	2	20	50	50	70	15	50	N	50	50	200
3161C	<2	N	<50	15	20	200	<50	N	<50	<10	70
3162C	N	<20	N	200	100	500	N	N	<50	300	2,000
3163C	N	N	N	500	20	500	N	N	N	1,000	2,000
3164C	N	N	N	700	20	500	N	N	N	1,000	2,000
3165C	N	N	N	100	50	200	N	N	<50	150	5,000
3166C	<2	N	N	50	100	100	N	<10	N	100	100
3168C	<2	N	N	70	20	200	N	<10	50	100	300
3169C	<2	N	N	100	20	200	N	N	N	150	100
3170C	N	N	N	20	100	50	<50	N	<50	N	700
3172C	N	20	N	100	100	300	50	N	N	70	3,000
3173C	N	N	N	100	<20	200	N	<10	N	500	500
3176C	N	N	N	10	20	10	300	50	50	<10	70
3177C	N	N	N	10	70	<10	200	50	50	N	70
3178C	N	N	N	15	70	20	500	50	50	N	50
3179C	N	N	N	10	100	10	100	20	<50	N	70
3180C	N	N	N	20	20	150	N	N	N	N	20
3181C	N	N	N	30	200	15	200	<10	<50	20	30
3182C	2	N	N	10	50	10	100	N	<50	N	<20
3183C	2	N	N	700	20	200	N	N	N	100	100
3184C	N	N	500	100	<20	700	N	100	N	20	100
3185C	N	N	N	20	30	10	<50	30	N	100	50
3186C	N	N	N	100	30	50	N	50	N	200	200
3191C	<2	N	N	N	<20	<10	N	N	N	N	N
3194C	N	300	N	N	20	20,000	N	N	N	N	>50,000
3195C	N	N	N	N	30	<10	<50	N	N	N	N
3196C	2	<20	N	N	50	<10	<50	N	N	N	5,000
3198C	N	N	N	N	50	<10	300	N	N	N	<20
4000C	N	N	N	50	20	300	N	N	N	100	N
4001C	N	<20	N	<10	50	20	500	30	50	N	50

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
3144C	N	50	20	N	100	N	1,000	N	>2,000	N
3145C	N	30	70	N	70	N	300	N	>2,000	N
3146C	N	100	100	N	30	300	5,000	N	>2,000	2,000
3147C	N	70	<20	N	200	N	1,000	700	>2,000	N
3148C	N	50	N	2,000	100	N	200	N	>2,000	N
3149C	N	30	N	N	70	N	200	N	>2,000	N
3150C	N	20	N	<200	200	500	150	N	>2,000	N
3152C	1,000	70	N	N	100	300	1,000	N	>2,000	N
3153C	N	<10	N	N	50	<100	150	N	>2,000	N
3154C	N	30	N	5,000	50	2,000	500	<500	>2,000	N
3155C	<200	50	20	N	70	300	1,000	N	>2,000	N
3156C	N	50	N	N	100	N	1,000	1,500	>2,000	N
3157C	1,000	50	N	N	100	N	700	N	>2,000	N
3158C	N	30	20	N	70	N	200	N	>2,000	N
3159C	N	70	30	N	70	1,000	1,000	N	>2,000	N
3160C	N	50	1,000	2,000	150	200	500	N	>2,000	N
3161C	N	50	30	N	100	N	1,000	N	>2,000	N
3162C	15,000	30	N	1,000	70	300	200	500	>2,000	N
3163C	N	N	N	700	50	500	150	3,000	>2,000	200
3164C	N	N	N	N	50	300	70	<500	>2,000	<200
3165C	N	50	N	5,000	200	500	500	10,000	>2,000	<200
3166C	N	10	N	700	200	N	70	N	2,000	N
3168C	N	20	N	N	100	<100	200	2,000	>2,000	N
3169C	N	N	N	N	30	N	<20	N	>2,000	N
3170C	N	20	N	2,000	200	N	150	N	>2,000	N
3172C	N	50	<20	3,000	200	300	500	N	>2,000	N
3173C	<200	<10	N	N	50	200	70	N	>2,000	N
3175C	N	10	20	700	200	N	200	N	>2,000	N
3177C	N	10	20	700	200	N	300	N	>2,000	N
3178C	N	20	50	700	200	N	500	N	>2,000	N
3179C	N	50	<20	700	200	200	700	N	>2,000	N
3180C	N	20	N	1,000	100	N	100	N	>2,000	N
3181C	N	50	<20	700	200	N	500	N	>2,000	N
3182C	N	20	N	3,000	150	N	150	N	1,000	N
3183C	N	<10	N	500	150	N	50	N	2,000	N
3184C	<200	N	N	2,000	30	N	<20	N	100	N
3185C	N	N	N	7,000	50	N	20	N	500	N
3186C	N	<10	N	2,000	50	N	100	<500	>2,000	N
3191C	N	N	N	3,000	50	N	20	N	2,000	N
3194C	N	<10	500	N	50	N	100	1,000	>2,000	N
3195C	N	30	N	N	50	N	500	N	>2,000	N
3196C	N	30	300	N	30	100	300	N	>2,000	N
3198C	N	70	N	N	70	N	1,000	N	>2,000	N
4000C	N	10	<20	1,000	100	200	100	N	>2,000	N
4001C	N	50	30	N	300	N	1,000	N	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4002C	61 58 59	149 0 56	.50	.10	2.0	>2.00	500	10.0	N	N	100	700
4003C	61 54 20	149 10 38	.50	.10	2.0	>2.00	700	N	N	N	100	50
4004C	61 56 26	149 3 3	2.00	.10	1.5	>2.00	200	N	N	N	100	2,000
4005C	61 52 15	149 11 7	.50	.10	5.0	>2.00	1,000	N	N	N	50	50
4006C	61 57 39	149 12 46	.50	.05	1.5	>2.00	500	N	N	N	50	200
4007C	61 58 49	149 8 19	.50	.07	2.0	>2.00	700	N	N	N	50	200
4008C	61 56 23	149 20 5	.50	.05	2.0	>2.00	700	N	N	N	50	<50
4009C	62 1 46	149 14 45	.50	.10	2.0	>2.00	1,000	N	N	N	70	200
4010C	61 45 40	149 21 11	.50	.10	1.5	>2.00	200	10.0	1,500	100	100	1,000
4011C	61 45 31	149 25 46	.10	.50	5.0	>2.00	700	15.0	N	50	100	700
4013C	61 59 59	149 19 55	.30	.07	1.5	>2.00	1,000	N	N	N	70	500
4014C	62 0 42	149 26 30	.70	.20	10.0	>2.00	2,000	N	N	N	70	<50
4015C	61 59 58	149 32 16	.70	.07	2.0	>2.00	2,000	N	N	N	50	700
4016C	61 56 45	149 35 41	.70	.10	7.0	>2.00	2,000	N	N	N	50	200
4017C	61 56 41	149 35 33	.50	.05	5.0	>2.00	2,000	N	N	N	50	<50
4018C	61 54 56	149 32 48	.70	.10	2.0	>2.00	1,000	N	N	N	50	<50
4019C	61 49 51	149 43 11	.50	.05	1.5	>2.00	700	N	N	N	50	<50
4020C	61 56 32	149 46 6	.70	.05	2.0	>2.00	1,000	N	N	N	50	<50
4021C	61 51 10	149 34 16	.50	.07	1.5	>2.00	500	N	N	N	50	<50
4022C	61 51 5	149 34 3	.50	.10	1.5	>2.00	500	N	N	N	50	100
4023C	61 52 8	149 22 43	.15	.05	1.0	>2.00	200	N	N	N	<20	<50
4024C	61 46 25	149 16 55	.70	.50	1.5	>2.00	500	N	N	N	200	2,000
4025C	61 45 36	149 13 54	.50	.07	1.0	>2.00	500	2.0	2,000	100	100	1,000
4026C	61 43 18	149 13 53	.70	.20	1.0	>2.00	500	N	N	N	100	200
4027C	61 42 38	149 14 40	.70	.10	1.0	>2.00	300	N	N	N	100	200
4028C	61 41 41	149 25 13	.70	.20	1.5	>2.00	1,000	N	N	N	100	300
4029C	61 43 0	149 5 11	.70	.20	2.0	>2.00	1,000	N	N	N	100	300
4030C	61 41 40	149 33 56	.50	.20	1.0	>2.00	700	N	N	N	100	150
4031C	61 22 35	148 11 38	5.00	.50	1.0	>2.00	500	N	N	N	500	1,500
4032C	61 23 48	148 10 16	5.00	.20	1.0	>2.00	300	2.0	3,000	N	200	7,000
4033C	61 24 13	148 13 44	20.00	.20	1.0	>2.00	1,000	10.0	10,000	30	200	>10,000
4034C	61 20 17	148 15 47	15.00	.30	1.0	>2.00	500	1.0	N	N	500	7,000
4035C	61 17 15	148 18 43	1.50	.50	1.0	>2.00	500	N	N	N	2,000	>10,000
4036C	61 18 49	148 21 54	2.00	.70	1.0	>2.00	500	N	1,000	N	2,000	10,000
4037C	61 20 4	148 6 15	20.00	.20	1.0	1.50	200	10.0	2,000	N	100	>10,000
4038C	61 24 16	148 4 31	1.00	.50	1.5	>2.00	500	N	N	N	200	1,000
4039C	61 28 22	148 16 20	1.00	.70	1.5	>2.00	700	15.0	N	N	200	2,000
4040C	61 31 9	148 17 19	2.00	.50	1.0	>2.00	300	N	2,000	N	150	1,000
4041C	61 27 5	148 16 5	20.00	.15	.5	1.00	200	50.0	5,000	50	20	>10,000
4042C	61 25 54	148 17 34	1.50	.50	1.5	>2.00	300	N	N	N	100	3,000
4043C	61 46 19	149 30 20	.50	.05	1.0	>2.00	500	N	N	N	70	100
4044C	61 45 40	149 33 18	.50	.15	1.0	>2.00	300	N	N	N	100	100
4045C	61 49 31	149 32 6	.30	.05	1.0	2.00	1,000	N	N	N	100	<50
4046C	61 49 35	149 32 3	.50	.20	2.0	>2.00	2,000	N	N	N	100	100
4047C	61 49 9	149 32 52	.30	.10	2.0	>2.00	1,500	N	N	N	50	<50

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4002C	N	<20	N	<10	20	20	500	50	70	N	<20
4003C	N	50	N	<10	20	10	300	100	50	<10	20
4004C	N	<20	N	100	20	500	200	30	50	<10	150
4005C	N	<20	N	<10	20	<10	300	30	100	N	<20
4006C	N	N	N	<10	<20	200	200	20	<50	N	<20
4007C	N	N	N	<10	20	<10	200	30	<50	N	<20
4008C	N	N	N	<10	<20	<10	300	20	50	N	<20
4009C	N	N	N	<10	<20	<10	500	70	100	N	<20
4010C	N	N	N	<10	100	20	200	10	N	N	500
4011C	N	<20	N	20	150	10	N	N	50	10	50
4013C	N	N	N	<10	<20	<10	500	500	<50	N	<20
4014C	N	20	N	20	30	50	1,000	20	<50	N	200
4015C	N	500	N	<10	<20	50	700	700	70	N	100
4016C	N	N	N	<10	<20	<10	700	700	100	<10	100
4017C	N	N	N	<10	<20	<10	700	700	50	N	100
4018C	N	N	N	10	50	<10	700	700	100	N	20
4019C	N	N	N	<10	<20	<10	700	700	50	N	<20
4020C	N	N	N	<10	20	<10	1,000	1,000	50	N	20
4021C	N	N	N	<10	20	20	700	30	<50	N	20
4022C	N	N	N	<10	20	10	500	20	<50	N	20
4023C	N	N	N	<10	20	<10	300	<10	N	N	20
4024C	N	N	N	<10	150	15	100	<10	100	N	70
4025C	N	N	N	<10	50	20	300	50	50	<10	100
4026C	N	20	N	<10	20	50	300	10	<50	N	200
4027C	N	N	N	<10	100	20	100	<10	<50	N	N
4028C	N	N	N	<10	50	20	500	20	<50	N	20
4029C	N	N	N	<10	30	20	300	10	<50	N	20
4030C	N	N	N	<10	20	10	300	50	<50	N	<20
4031C	2	N	N	100	150	500	50	N	50	300	200
4032C	N	N	N	150	100	300	<50	N	<50	300	3,000
4033C	<2	N	N	500	50	2,000	<50	N	<50	1,000	2,000
4034C	N	N	N	100	100	200	200	N	50	200	2,000
4035C	<2	N	N	50	100	150	150	<10	70	<10	3,000
4036C	N	N	N	100	200	200	200	N	50	200	500
4037C	<2	N	N	500	100	1,000	<50	N	N	2,000	3,000
4038C	<2	N	N	50	200	200	200	<10	<50	50	300
4039C	<2	N	N	30	200	20	100	N	<50	<10	5,000
4040C	<2	N	N	200	150	200	300	N	<50	50	200
4041C	<2	N	N	1,000	30	100	N	N	N	1,000	3,000
4042C	<2	N	N	50	100	300	N	N	70	100	150
4043C	N	N	N	<10	<20	20	700	20	50	N	<20
4044C	N	N	N	<10	30	10	200	15	<50	<10	<20
4045C	N	N	N	<10	100	20	>2,000	N	N	N	<20
4046C	N	N	N	<10	100	15	1,000	30	50	N	100
4047C	N	<20	N	<10	<20	10	700	10	70	N	20

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4002C	N	50	30	N	200	N	1,000	N	>2,000	N
4003C	N	50	30	N	300	150	1,000	N	>2,000	N
4004C	N	20	<20	N	150	<100	700	N	>2,000	N
4005C	N	15	50	N	500	200	700	N	>2,000	N
4006C	N	50	50	N	200	<100	1,000	N	>2,000	N
4007C	N	50	50	N	500	<100	1,000	N	>2,000	N
4008C	N	50	30	N	200	N	1,000	N	>2,000	N
4009C	N	20	50	N	300	100	1,000	N	>2,000	N
4010C	N	70	70	N	200	N	1,000	N	>2,000	N
4011C	N	30	<20	1,000	200	N	300	N	>2,000	N
4013C	N	50	20	N	200	N	1,000	N	>2,000	<200
4014C	N	50	100	N	200	N	2,000	N	>2,000	300
4015C	N	50	50	N	200	200	1,500	N	>2,000	N
4016C	N	50	100	N	200	N	1,500	N	>2,000	1,500
4017C	N	70	50	N	100	N	1,500	N	>2,000	1,500
4018C	N	50	100	N	500	N	1,000	N	>2,000	N
4019C	N	50	50	N	300	N	1,000	N	>2,000	<200
4020C	N	50	100	N	300	N	1,500	N	>2,000	N
4021C	N	50	50	N	200	N	1,000	N	>2,000	N
4022C	N	50	50	N	200	N	1,000	N	>2,000	N
4023C	N	10	50	N	50	N	500	N	>2,000	N
4024C	N	30	20	500	300	N	200	N	>2,000	N
4025C	N	50	50	N	300	500	1,000	N	>2,000	N
4026C	N	70	<20	N	200	100	1,000	N	>2,000	N
4027C	N	50	<20	N	200	N	500	N	>2,000	N
4028C	N	50	20	N	300	N	1,000	N	>2,000	N
4029C	N	50	<20	700	200	N	500	N	>2,000	N
4030C	N	50	20	N	200	100	500	N	>2,000	N
4031C	N	50	N	500	200	N	200	N	>2,000	N
4032C	N	50	N	200	150	500	200	1,000	>2,000	N
4033C	N	30	N	500	100	300	200	3,000	>2,000	N
4034C	N	50	N	1,000	150	150	200	N	>2,000	N
4035C	N	30	N	1,000	150	N	150	N	>2,000	N
4036C	N	50	50	200	200	<100	700	2,000	>2,000	N
4037C	N	50	N	500	50	1,000	500	2,000	>2,000	N
4038C	N	70	<20	500	200	100	700	500	>2,000	N
4039C	N	70	30	N	300	200	1,000	N	>2,000	N
4040C	N	50	N	<200	200	200	500	N	>2,000	N
4041C	N	30	N	<200	50	300	500	2,000	>2,000	N
4042C	N	50	N	500	150	200	200	700	>2,000	N
4043C	N	70	20	N	200	N	1,000	N	>2,000	N
4044C	N	50	<20	N	200	N	500	N	>2,000	N
4045C	N	70	N	N	100	N	1,000	N	>2,000	500
4046C	N	70	100	N	500	<100	2,000	N	>2,000	N
4047C	N	50	50	N	200	N	1,000	N	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4048C	61 25 16	148 25 55	3.00	.20	1.0	>2.00	200	7.0	3,000	N	300	>10,000
4049C	61 18 51	148 27 57	2.00	.20	1.0	>2.00	300	<1.0	1,500	N	1,500	>10,000
4050C	61 15 32	148 28 50	1.00	.50	1.5	>2.00	500	N	N	N	500	5,000
4053C	61 24 53	148 38 5	.70	.20	1.0	>2.00	200	N	N	N	500	5,000
4054C	61 13 35	148 26 24	1.00	.30	1.0	>2.00	500	N	N	N	3,000	700
4055C	61 13 37	148 26 35	1.00	.30	1.5	>2.00	500	N	N	N	5,000	5,000
4056C	61 13 16	148 26 40	1.00	.50	1.5	>2.00	700	N	N	N	>5,000	3,000
4057C	61 10 40	148 24 10	1.00	.20	2.0	2.00	200	N	N	N	>5,000	5,000
4058C	61 17 11	148 40 22	.50	.20	1.0	>2.00	300	100.0	N	100	2,000	5,000
4059C	61 26 9	148 44 39	.20	.15	1.0	1.00	100	N	N	N	>5,000	10,000
4060C	61 16 33	148 40 35	7.00	.07	.5	>2.00	200	N	N	N	1,000	>10,000
4061C	61 19 40	148 43 10	1.00	.20	2.0	2.00	700	N	N	N	>5,000	7,000
4062C	61 14 44	148 34 44	2.00	.20	1.5	>2.00	200	N	N	N	>5,000	2,000
4063C	61 9 3	148 43 10	1.00	.10	.7	>2.00	100	N	N	N	1,000	>10,000
4064C	61 10 41	148 43 20	1.00	.20	1.0	>2.00	300	N	N	N	2,000	5,000
4065C	61 24 3	148 47 35	1.50	.20	1.5	>2.00	300	N	N	N	1,000	3,000
4066C	61 27 11	148 52 15	1.50	.20	1.0	>2.00	300	N	N	N	100	>10,000
4068C	61 19 36	148 48 56	10.00	.70	2.0	1.50	1,000	N	N	N	5,000	5,000
4069C	61 19 39	148 48 46	5.00	.20	1.5	>2.00	500	N	N	N	>5,000	>10,000
4070C	61 23 26	148 51 37	1.50	.20	1.0	>2.00	200	N	N	N	500	>10,000
4071C	61 26 31	148 48 25	5.00	.20	1.5	>2.00	300	N	N	N	>5,000	>10,000
4072C	61 27 48	149 4 22	1.50	.20	1.0	>2.00	300	N	N	N	500	>10,000
4073C	61 24 14	149 9 0	5.00	.30	1.5	>2.00	500	N	N	N	200	5,000
4074C	61 20 27	148 59 4	1.00	.70	2.0	>2.00	700	N	N	N	>5,000	3,000
4076C	61 19 45	149 0 31	2.00	.30	3.0	>2.00	500	N	1,000	N	3,000	>10,000
4078C	61 13 24	148 51 39	10.00	.20	.5	1.00	1,000	N	N	N	100	>10,000
4079C	61 15 11	148 54 5	.50	.20	.5	1.00	200	N	N	N	300	>10,000
4080C	61 17 27	148 58 44	1.00	.50	10.0	>2.00	1,000	N	N	N	>5,000	>10,000
4081C	61 23 33	149 3 38	2.00	.20	1.0	>2.00	500	N	N	N	700	>10,000
4082C	61 24 10	149 5 13	2.00	.20	1.0	>2.00	500	N	N	N	200	>10,000
4083C	61 21 9	149 9 23	5.00	.30	1.0	>2.00	700	N	N	N	2,000	>10,000
4084C	61 21 13	149 9 22	2.00	.20	1.0	>2.00	200	N	1,000	N	1,000	>10,000
4085C	61 23 55	149 13 53	3.00	.30	1.0	>2.00	300	N	N	N	500	>10,000
4086C	61 25 12	149 21 41	1.00	2.00	7.0	1.50	700	N	N	N	50	1,500
4087C	61 16 37	149 4 44	3.00	.30	.7	>2.00	500	2.0	N	N	1,000	>10,000
4088C	61 14 45	149 7 0	7.00	1.00	2.0	2.00	1,000	N	N	N	>5,000	>10,000
4089C	61 14 45	149 6 50	2.00	1.00	3.0	2.00	1,000	N	N	N	5,000	5,000
4091C	61 18 15	149 10 51	2.00	.50	1.0	>2.00	500	N	N	N	1,000	>10,000
4092C	61 20 12	149 17 17	2.00	.50	1.0	>2.00	300	N	N	N	500	>10,000
4093C	61 21 35	149 20 8	1.00	.70	2.0	>2.00	700	N	N	N	200	2,000
4094C	61 20 59	149 19 12	2.00	.70	2.0	>2.00	1,000	N	N	N	200	1,500
4095C	61 24 5	149 26 58	2.00	.50	2.0	>2.00	700	N	N	N	700	3,000
4096C	61 21 23	149 31 23	1.00	1.00	5.0	>2.00	1,000	N	N	N	500	1,000
4097C	61 13 31	149 1 10	1.00	.50	1.0	>2.00	300	100.0	N	100	500	>10,000
4098C	61 13 35	149 1 20	50.00	.20	2.0	.50	500	N	N	N	>5,000	3,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4048C	N	N	N	100	300	500	50	N	<50	50	5,000
4049C	N	N	N	50	100	50	<50	N	<50	150	200
4050C	N	N	N	10	100	N	N	N	N	N	30
4053C	N	N	N	<10	100	N	N	N	N	N	100
4054C	N	N	N	20	150	N	N	N	<50	N	50
4055C	N	N	N	10	150	N	N	N	<50	N	20
4056C	N	N	N	10	200	N	N	N	<50	N	200
4057C	N	N	N	N	100	N	N	N	N	N	20
4058C	N	N	N	N	50	N	N	N	N	N	<20
4059C	N	N	N	N	<20	N	N	N	N	N	N
4060C	N	N	N	100	30	20	N	N	N	200	700
4061C	N	N	N	20	30	N	N	N	N	N	100
4062C	N	N	N	30	70	50	N	N	50	N	200
4063C	N	N	N	20	100	N	N	N	<50	N	20
4064C	N	N	N	10	100	N	N	N	<50	N	200
4065C	N	N	N	30	150	N	N	N	N	<10	50
4066C	N	N	N	10	100	N	100	N	50	N	100
4068C	N	N	N	150	100	200	N	10	N	100	100
4069C	N	N	N	70	70	N	N	N	N	50	500
4070C	N	N	N	20	50	N	N	N	500	N	50
4071C	N	N	N	50	50	20	N	N	N	50	700
4072C	N	N	N	20	100	N	700	N	70	N	100
4073C	N	N	N	100	100	30	<50	N	50	100	150
4074C	N	N	N	20	150	N	300	N	50	N	70
4076C	N	N	N	70	100	N	100	N	50	50	300
4078C	N	N	N	150	100	300	N	N	<50	200	1,000
4079C	N	N	N	<10	30	20	N	N	N	N	50
4080C	N	N	N	<10	50	20	N	N	N	N	N
4081C	N	N	N	10	70	N	100	N	100	N	15,000
4082C	N	N	N	20	100	N	200	N	100	N	5,000
4083C	N	N	N	70	150	20	500	N	100	20	200
4084C	N	N	N	20	150	N	500	N	100	N	200
4085C	N	N	N	20	300	20	1,000	N	100	N	100
4086C	N	N	N	20	500	N	N	N	N	20	N
4087C	N	N	N	50	150	N	300	N	150	<10	3,000
4088C	N	N	N	100	300	20	N	<10	N	50	200
4089C	N	N	N	20	500	<10	N	N	N	N	<20
4091C	N	N	N	30	500	N	500	N	150	<10	100
4092C	N	N	N	20	100	N	500	N	150	N	50
4093C	N	N	N	10	200	N	200	N	50	N	300
4094C	N	N	N	20	200	N	100	N	70	N	70
4095C	N	N	N	20	100	30	100	50	<50	10	2,000
4095C	N	N	N	10	100	N	200	<10	<50	N	150
4097C	N	N	N	10	100	N	50	N	50	N	2,000
4098C	N	N	N	500	20	200	N	30	N	500	200

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4048C	N	100	50	2,000	300	1,000	1,000	3,000	>2,000	N
4049C	N	50	N	1,000	200	1,000	150	2,000	>2,000	N
4050C	N	50	N	N	200	N	200	N	>2,000	N
4053C	N	70	N	N	200	150	500	N	>2,000	N
4054C	N	50	N	N	200	<100	500	N	>2,000	N
4055C	N	50	N	N	100	150	200	N	>2,000	N
4056C	N	30	N	N	100	<100	200	N	>2,000	N
4057C	N	30	N	N	100	N	200	N	>2,000	N
4058C	N	100	N	N	200	N	700	N	>2,000	N
4059C	N	N	N	N	50	N	50	N	>2,000	N
4060C	N	30	N	<200	100	500	500	N	>2,000	200
4061C	N	20	N	N	100	N	200	N	>2,000	N
4062C	N	50	N	N	200	N	500	700	>2,000	500
4063C	N	20	N	2,000	100	200	200	500	>2,000	N
4064C	N	30	N	<200	100	200	300	N	>2,000	N
4065C	N	50	N	N	100	N	500	N	>2,000	N
4066C	N	50	N	200	200	N	500	N	>2,000	N
4068C	N	30	N	700	100	N	100	N	>2,000	N
4069C	N	30	N	5,000	100	N	500	N	>2,000	N
4070C	N	50	N	1,000	200	N	200	N	>2,000	N
4071C	N	50	N	>10,000	100	200	500	2,000	>2,000	N
4072C	N	50	N	10,000	200	N	500	N	>2,000	N
4073C	N	50	N	500	200	N	300	N	>2,000	N
4074C	N	50	N	500	300	200	300	N	>2,000	N
4076C	N	20	N	10,000	200	500	200	500	>2,000	N
4078C	N	30	N	10,000	200	N	500	2,000	>2,000	N
4079C	N	N	N	2,000	50	N	50	N	>2,000	N
4080C	N	10	N	2,000	100	N	100	N	>2,000	N
4081C	N	70	N	10,000	200	N	500	N	>2,000	N
4082C	N	50	N	700	300	N	500	N	>2,000	N
4083C	N	50	N	1,000	300	300	500	N	>2,000	N
4084C	N	50	N	1,500	200	200	200	N	>2,000	N
4085C	N	70	<20	1,500	300	500	500	N	>2,000	N
4086C	N	20	N	500	100	N	<20	N	2,000	N
4087C	N	30	<20	2,000	200	N	200	N	>2,000	N
4088C	N	50	N	1,000	200	500	200	1,000	>2,000	N
4089C	N	30	N	500	200	200	100	N	>2,000	N
4091C	N	50	N	1,000	100	N	200	N	>2,000	N
4092C	N	30	N	500	200	N	150	N	>2,000	N
4093C	N	50	N	500	100	150	200	N	>2,000	N
4094C	N	50	20	200	100	1,000	200	N	>2,000	N
4095C	N	50	50	N	100	100	300	N	>2,000	N
4096C	N	20	N	N	100	N	200	N	>2,000	N
4097C	N	20	N	2,000	100	N	200	N	>2,000	N
4098C	N	20	N	N	50	N	70	<500	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4099C	61 13 34	148 29 50	5.00	.70	5.0	.70	700	N	N	N	5,000	2,000
4100C	61 13 22	149 4 20	20.00	.15	.5	1.00	100	5.0	500	N	1,500	10,000
4101C	61 11 30	149 11 18	10.00	.20	2.0	.70	200	N	N	N	2,000	>10,000
4102C	61 9 8	149 5 50	10.00	.20	.5	1.00	200	20.0	2,000	N	200	>10,000
4103C	61 11 10	149 12 22	20.00	.50	2.0	1.50	200	N	N	N	>5,000	10,000
4104C	61 11 0	149 16 15	2.00	.50	10.0	.20	1,000	N	N	N	300	500
4105C	61 14 48	149 17 15	1.50	.50	3.0	2.00	700	N	N	N	3,000	>10,000
4106C	61 16 49	149 28 49	1.50	7.00	5.0	>2.00	1,000	N	N	N	200	1,500
4107C	61 0 27	149 0 42	20.00	.20	1.0	>2.00	50	200.0	10,000	1,000	200	1,000
4108C	61 0 32	149 0 50	20.00	.05	.5	1.00	50	200.0	10,000	100	50	2,000
4109C	61 1 19	149 5 24	1.00	1.00	.7	2.00	1,000	7.0	<500	N	150	>10,000
4110C	61 5 5	149 0 7	15.00	5.00	.7	2.00	2,000	N	N	N	200	>10,000
4111C	60 59 11	149 9 20	20.00	5.00	.7	2.00	1,500	1,000.0	15,000	>1,000	500	10,000
4112C	61 3 23	149 18 6	2.00	2.00	2.0	>2.00	1,500	50.0	N	200	200	700
4113C	61 2 37	149 13 45	1.50	1.00	1.0	>2.00	1,000	500.0	N	>1,000	100	1,000
4114C	61 3 57	149 22 25	2.00	10.00	2.0	2.00	1,500	N	N	N	2,000	>10,000
4115C	61 1 18	149 22 29	10.00	10.00	1.5	2.00	2,000	N	N	N	300	10,000
4116C	61 2 31	149 21 4	1.00	2.00	2.0	>2.00	1,000	N	N	N	300	10,000
4117C	61 6 3	149 16 47	2.00	1.00	3.0	2.00	700	N	N	N	100	>10,000
4118C	61 5 58	149 16 49	1.00	.50	2.0	>2.00	1,000	N	N	N	100	>10,000
4119C	61 5 57	149 18 2	2.00	5.00	2.0	>2.00	2,000	1.0	N	N	200	>10,000
4120C	61 7 47	149 25 2	1.00	.50	2.0	>2.00	500	N	N	N	300	>10,000
4121C	61 8 45	149 26 18	2.00	10.00	5.0	>2.00	1,500	N	N	N	100	50
4122C	61 9 14	149 28 33	2.00	2.00	5.0	>2.00	1,500	N	N	N	1,500	>10,000
4123C	61 8 41	149 27 46	1.00	2.00	5.0	>2.00	1,000	N	N	N	200	500
4124C	61 4 47	149 27 30	1.00	5.00	5.0	>2.00	1,000	N	N	N	700	>10,000
4125C	61 3 0	149 30 4	1.50	7.00	5.0	>2.00	1,500	N	N	N	500	3,000
4126C	61 1 22	149 31 50	2.00	10.00	7.0	2.00	2,000	N	N	N	1,000	1,000
4127C	60 58 39	149 12 58	10.00	5.00	2.0	2.00	2,000	N	N	N	300	5,000
4128C	61 6 35	148 59 48	15.00	.10	.5	>2.00	200	20.0	>20,000	N	200	>10,000
4129C	61 7 28	149 2 28	20.00	.70	1.5	>2.00	500	3.0	7,000	N	300	>10,000
4130C	61 5 33	149 7 10	5.00	.20	1.5	1.00	200	N	N	N	200	>10,000
4131C	61 7 9	149 8 10	2.00	3.00	1.5	>2.00	2,000	N	N	N	500	1,000
4132C	61 5 7	148 48 26	20.00	.50	1.5	>2.00	500	5.0	7,000	N	300	1,000
4133C	61 6 22	148 49 5	1.50	1.00	2.0	>2.00	1,000	N	N	N	300	1,000
4134C	61 5 33	148 38 31	5.00	.50	1.5	.50	1,500	2.0	1,000	N	100	>10,000
4135C	61 7 4	147 0 34	1.00	.07	2.0	1.50	500	N	N	N	500	>10,000
4136C	61 7 42	147 0 30	2.00	.15	1.5	>2.00	200	50.0	N	200	200	500
4137C	61 7 39	147 5 28	.50	.20	1.0	>2.00	200	N	500	N	>5,000	700
4138C	61 6 48	147 18 28	.30	.05	1.5	>2.00	200	N	N	N	>5,000	<50
4139C	61 6 47	147 18 13	1.00	.10	1.0	>2.00	200	200.0	1,000	>1,000	2,000	50
4140C	61 11 10	147 1 21	1.00	.20	5.0	>2.00	700	20.0	N	70	>5,000	500
4141C	61 3 24	147 5 43	1.50	.50	7.0	2.00	1,000	N	N	N	5,000	>10,000
4142C	61 5 5	147 6 48	2.00	.50	1.5	>2.00	500	100.0	2,000	300	>5,000	1,500
4143C	61 4 40	147 11 47	.50	.20	1.0	>2.00	100	N	N	N	150	1,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4099C	N	N	N	70	70	30	N	N	N	20	200
4100C	N	N	N	1,000	30	200	N	N	N	300	1,000
4101C	N	N	N	50	50	50	N	10	N	50	50
4102C	N	N	N	200	100	500	N	<10	N	200	5,000
4103C	N	N	N	150	150	200	N	20	N	100	150
4104C	N	N	N	15	50	10	N	N	N	N	<20
4105C	N	N	N	20	70	<10	N	20	<50	N	20,000
4106C	N	N	N	70	5,000	30	N	N	N	150	1,000
4107C	N	50	N	300	200	300	N	N	<50	500	5,000
4108C	N	N	N	500	20	300	N	N	N	1,000	5,000
4109C	N	50	N	100	150	200	100	N	N	100	>50,000
4110C	N	N	N	200	1,000	700	100	<10	<50	100	500
4111C	N	N	N	200	1,000	500	100	N	N	200	300
4112C	N	N	N	100	200	200	100	N	50	20	300
4113C	N	N	N	50	150	10	<50	N	<50	<10	500
4114C	N	N	N	100	5,000	200	50	<10	<50	200	50
4115C	N	N	N	100	1,000	100	<50	N	N	100	50
4116C	N	N	N	50	3,000	50	200	20	50	30	150
4117C	<2	N	N	20	100	20	100	N	N	<10	20
4118C	<2	N	N	10	50	500	200	20	50	N	70
4119C	<2	N	N	50	5,000	200	500	N	70	20	2,000
4120C	<2	N	N	<10	300	<10	100	N	<50	N	<20
4121C	N	N	N	50	5,000	10	50	<10	<50	200	50
4122C	N	N	N	20	500	10	300	N	<50	10	20
4123C	N	N	N	15	500	N	500	15	70	20	200
4124C	N	N	N	20	3,000	<10	N	N	N	100	100
4125C	N	N	N	50	5,000	<10	N	N	<50	150	30
4126C	N	N	N	100	10,000	<10	50	N	N	200	<20
4127C	<2	N	N	100	500	200	50	N	N	200	100
4128C	<2	<20	N	100	20	200	N	N	<50	200	20,000
4129C	N	N	N	150	500	500	70	N	<50	150	1,000
4130C	N	N	N	20	50	20	100	N	N	50	100
4131C	N	N	N	70	3,000	50	70	N	<50	100	150
4132C	N	N	N	100	50	700	N	N	50	500	1,000
4133C	N	N	N	70	200	500	200	10	<50	100	150
4134C	N	N	N	70	50	200	100	N	N	20	200
4135C	2	N	N	<10	50	10	N	N	N	<10	100
4136C	<2	N	N	50	70	20	<50	N	<50	100	200
4137C	<2	N	N	<10	200	500	<50	N	<50	N	100
4138C	2	N	N	<10	<20	<10	<50	N	N	N	N
4139C	<2	N	N	<10	50	10	<50	N	N	N	500
4140C	2	N	N	<10	150	15	<50	N	<50	N	150
4141C	<2	N	N	20	200	15	N	N	N	50	150
4142C	<2	N	N	30	200	50	N	N	<50	50	200
4143C	3	N	200	N	200	<10	N	N	N	N	50

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4099C	N	20	N	N	150	N	100	N	>2,000	N
4100C	N	<10	1,000	200	100	N	150	N	>2,000	N
4101C	N	10	N	1,000	100	N	100	N	>2,000	N
4102C	N	15	N	5,000	70	N	200	5,000	>2,000	N
4103C	N	30	N	N	200	N	200	N	>2,000	N
4104C	N	30	N	<200	200	N	50	N	2,000	N
4105C	N	20	N	1,000	200	N	300	N	>2,000	N
4106C	N	70	70	N	300	N	300	N	>2,000	N
4107C	N	50	<20	200	100	2,000	500	3,000	>2,000	N
4108C	N	<10	N	300	50	<100	200	2,000	>2,000	N
4109C	2,000	30	200	5,000	200	N	200	N	>2,000	N
4110C	N	70	N	1,500	200	N	300	<500	>2,000	N
4111C	N	70	N	2,000	200	2,000	500	<500	>2,000	N
4112C	N	50	N	200	200	N	500	N	>2,000	N
4113C	N	50	N	700	150	500	200	N	>2,000	N
4114C	N	100	N	500	300	N	150	N	>2,000	N
4115C	N	30	N	300	200	N	100	<500	2,000	N
4116C	N	70	<20	1,500	300	N	300	500	>2,000	N
4117C	N	30	N	1,500	100	N	100	N	>2,000	N
4118C	N	20	N	500	100	N	200	N	>2,000	N
4119C	N	50	<20	1,000	200	N	500	N	>2,000	1,000
4120C	N	30	<20	500	150	N	500	N	>2,000	N
4121C	N	70	<20	N	200	N	200	N	>2,000	N
4122C	N	50	<20	2,000	200	300	500	N	>2,000	N
4123C	N	50	500	N	200	N	500	N	>2,000	N
4124C	N	50	20	700	300	N	150	<500	500	N
4125C	N	50	N	N	300	N	200	N	>2,000	N
4126C	N	100	N	N	300	N	300	N	>2,000	<200
4127C	N	30	N	2,000	200	N	200	N	>2,000	N
4128C	200	20	N	2,000	70	N	200	500	>2,000	N
4129C	N	50	N	<200	200	N	500	<500	>2,000	N
4130C	N	<10	N	5,000	70	N	100	N	2,000	N
4131C	N	50	N	200	200	N	200	N	>2,000	N
4132C	<200	10	N	500	100	N	200	<500	>2,000	N
4133C	N	70	N	1,500	300	200	500	N	>2,000	N
4134C	N	<10	N	2,000	50	3,000	150	N	>2,000	N
4135C	N	10	N	500	50	150	100	N	>2,000	N
4136C	N	50	N	1,500	100	N	500	N	>2,000	N
4137C	3,000	70	N	N	100	N	700	N	>2,000	N
4138C	N	10	N	N	50	N	100	N	>2,000	N
4139C	N	30	N	N	100	N	500	N	>2,000	N
4140C	N	50	20	N	150	<100	200	N	>2,000	N
4141C	N	30	<20	N	100	<100	500	N	>2,000	N
4142C	N	30	N	200	100	N	200	N	>2,000	<200
4143C	N	70	30	N	50	N	2,000	N	>2,000	700

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4144C	61 5 4	147 24 23	20.00	.20	.1	2.00	100	100.0	20,000	N	100	>10,000
4145C	61 4 47	147 25 22	10.00	.10	<.1	.50	50	5.0	2,000	N	1,500	>10,000
4147C	61 7 38	148 16 31	7.00	.20	10.0	.70	200	2.0	N	N	>5,000	>10,000
4152C	61 21 40	147 33 58	.30	.10	1.0	>2.00	150	20.0	N	150	100	700
4153C	61 11 15	147 27 57	3.00	.15	2.0	>2.00	200	N	3,000	N	500	1,000
4154C	61 9 37	147 29 59	1.00	.50	7.0	.70	700	N	N	N	>5,000	>10,000
4155C	61 8 1	147 30 29	2.00	.10	1.0	>2.00	100	N	700	N	200	2,000
4157C	61 4 9	147 38 43	2.00	.10	.5	2.00	100	N	N	N	500	50
4158C	61 0 52	147 24 8	1.00	<.05	.7	.50	100	N	5,000	N	5,000	5,000
4159C	61 2 9	147 22 58	1.50	.05	<.1	.70	150	N	N	N	50	>10,000
4161C	61 13 52	147 34 19	1.00	.10	2.0	.10	100	15.0	5,000	N	200	10,000
4162C	61 15 21	147 30 32	1.50	.05	1.0	1.00	200	N	N	N	100	1,000
4163C	61 13 51	147 38 53	.70	.10	.5	1.00	200	50.0	N	200	1,500	7,000
4165C	61 14 45	147 46 37	.50	.10	.7	.20	150	N	N	N	300	>10,000
4166C	61 11 5	147 52 10	5.00	.05	.2	2.00	50	N	N	N	20	<50
4167C	61 5 13	147 44 35	1.00	.10	.7	>2.00	150	N	N	N	500	200
4168C	61 1 45	147 52 53	.50	.10	5.0	>2.00	500	N	N	N	>5,000	<50
4169C	61 4 36	148 3 10	2.00	.30	1.5	>2.00	200	30.0	N	N	200	700
4170C	61 6 23	147 58 49	1.00	.50	1.5	>2.00	300	N	N	N	100	700
4171C	61 32 30	148 3 15	1.50	.50	2.0	>2.00	500	N	500	N	2,000	>10,000
4175C	61 29 30	148 10 15	5.00	.70	2.0	>2.00	200	50.0	2,000	N	700	>10,000
4176C	61 24 19	148 24 25	1.50	.50	1.0	>2.00	500	N	N	N	100	>10,000
4177C	61 28 1	148 28 56	20.00	.20	.7	1.00	150	300.0	5,000	N	<20	>10,000
4178C	61 33 52	148 27 29	10.00	.20	1.0	1.00	150	200.0	15,000	N	50	10,000
4180C	61 34 6	148 26 55	2.00	.30	1.0	>2.00	200	5.0	1,000	N	70	10,000
4181C	61 34 31	148 25 23	7.00	.10	1.5	.70	150	10.0	10,000	N	50	10,000
4182C	61 30 43	148 21 43	30.00	.20	1.0	1.00	100	5,000.0	20,000	>1,000	100	>10,000
4184C	61 28 31	148 21 52	.50	.20	1.0	>2.00	200	N	<500	N	50	300
4185C	61 13 54	148 35 53	2.00	.05	.2	1.00	200	N	N	N	20	>10,000
4186C	61 10 29	148 49 42	.70	.07	.5	>2.00	150	N	N	N	20	>10,000
4187C	61 19 2	148 35 21	1.00	.20	1.0	>2.00	300	N	N	N	3,000	3,000
4188C	61 18 59	148 47 33	1.00	.15	1.0	>2.00	500	5.0	N	N	3,000	>10,000
4189C	61 29 32	148 2 8	10.00	.15	1.0	.15	50	2.0	7,000	N	50	200
4190C	61 23 5	149 1 38	5.00	.10	1.5	>2.00	700	N	N	N	50	10,000
4191C	61 28 15	148 39 10	5.00	.20	.7	>2.00	200	N	N	N	5,000	>10,000
4192C	61 41 40	149 33 57	.50	.10	1.5	>2.00	500	N	N	N	100	1,000
4193C	61 41 40	149 25 17	.50	.15	1.5	>2.00	700	N	N	N	100	200
4194C	61 42 3	149 21 49	.70	.30	1.5	>2.00	500	N	N	N	200	700
4195C	61 49 35	148 28 32	1.00	.50	2.0	2.00	1,000	N	N	N	2,000	>10,000
4196C	61 55 34	148 6 15	10.00	.50	2.0	1.00	500	500.0	5,000	700	>5,000	>10,000
4197C	61 50 35	148 21 42	1.00	.70	5.0	>2.00	1,000	N	N	N	100	3,000
4198C	61 50 37	147 54 12	20.00	.10	.5	.30	1,000	5.0	1,500	N	50	>10,000
4199C	61 49 12	147 45 42	1.50	.10	.2	.20	150	1.0	N	N	1,000	>10,000
4200C	61 52 25	147 35 47	20.00	.70	5.0	.20	2,000	2.0	<500	N	>5,000	>10,000
4201C	61 7 28	149 0 30	.20	<.05	.2	1.00	20	N	N	N	50	>10,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4144C	N	N	200	70	100	500	N	N	N	100	50,000
4145C	N	N	200	30	<20	200	N	N	N	100	300
4147C	5	N	N	30	50	50	N	N	N	100	3,000
4152C	<2	N	N	<10	20	<10	<50	N	N	N	<20
4153C	N	N	N	50	20	150	N	N	<50	200	200
4154C	N	N	N	50	150	10	N	N	N	50	200
4155C	N	N	N	50	150	500	N	N	<50	200	200
4157C	<2	N	N	20	20	10	N	N	N	70	150
4158C	<2	N	N	<10	<20	<10	N	N	N	N	N
4159C	N	N	N	10	<20	20	--	N	N	N	300
4161C	N	30	N	20	100	20	100	N	<50	10	3,000
4162C	<2	N	N	15	<20	20	N	N	N	<10	<20
4163C	<2	N	N	<10	<20	<10	--	N	N	N	N
4165C	N	N	N	<10	<20	<10	N	N	N	N	N
4166C	N	N	N	70	20	20	N	N	N	150	100
4167C	<2	N	N	20	100	<10	N	N	N	N	50
4168C	5	N	N	10	500	15	N	N	N	N	<20
4169C	N	70	N	100	100	1,000	<50	N	<50	200	3,000
4170C	<2	N	<50	10	100	N	N	N	70	<10	N
4171C	N	N	N	50	100	300	100	N	<50	20	5,000
4175C	N	20	N	200	200	200	200	N	<50	200	5,000
4176C	N	N	N	50	200	300	200	N	<50	20	100
4177C	N	70	N	700	200	700	N	N	N	1,000	7,000
4178C	N	500	500	100	100	300	N	N	N	300	>50,000
4180C	N	N	N	100	150	300	70	N	50	150	10,000
4181C	N	20	N	70	20	200	N	N	N	150	7,000
4182C	N	200	200	200	100	300	N	N	N	300	>50,000
4184C	N	N	N	10	20	300	N	N	N	N	<20
4185C	N	N	N	50	20	150	N	N	N	50	300
4186C	N	N	N	15	20	10	N	N	50	N	N
4187C	N	N	N	20	50	100	50	N	100	10	300
4188C	N	<20	N	20	50	20	N	N	N	N	3,000
4189C	N	N	N	30	<20	100	<50	N	N	100	100
4190C	N	N	N	15	30	20	N	N	50	N	500
4191C	N	N	N	70	50	200	N	N	50	20	200
4192C	N	N	N	10	30	<10	300	30	50	N	150
4193C	N	N	N	<10	20	<10	200	50	50	N	<20
4194C	N	N	N	<10	150	50	100	N	<50	N	7,000
4195C	N	N	N	<10	20	500	70	N	N	N	20
4196C	N	N	N	70	70	300	50	N	N	20	30,000
4197C	N	N	N	<10	50	<10	<50	N	<50	N	50
4198C	N	N	N	100	20	1,000	N	<10	N	150	200
4199C	N	N	N	70	<20	10	N	N	N	150	300
4200C	N	N	N	100	100	200	150	<10	N	200	200
4201C	N	N	N	N	<20	200	<50	N	N	N	<20

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4144C	1,000	50	N	5,000	100	200	500	2,000	>2,000	<200
4146C	<200	20	N	5,000	<20	N	300	N	>2,000	N
4147C	N	15	N	700	30	100	100	N	>2,000	<200
4152C	N	20	N	N	100	N	200	N	>2,000	N
4153C	N	20	N	1,000	20	150	200	N	>2,000	N
4154C	N	20	<20	3,000	50	N	500	N	>2,000	<200
4155C	N	20	N	500	100	N	500	500	>2,000	N
4157C	N	30	2,000	N	50	N	500	<500	>2,000	N
4158C	N	<10	N	500	20	N	50	N	>2,000	N
4159C	N	20	N	5,000	20	N	200	N	>2,000	N
4161C	N	10	N	1,500	50	N	150	N	>2,000	N
4162C	N	10	N	N	30	N	100	N	>2,000	N
4163C	N	15	N	N	30	N	200	N	>2,000	N
4165C	N	N	N	200	20	N	70	N	>2,000	N
4166C	N	10	N	N	30	150	200	N	>2,000	N
4167C	N	50	N	N	200	N	700	N	>2,000	N
4168C	N	10	<20	N	70	1,000	200	N	>2,000	N
4169C	N	50	N	200	100	N	150	N	2,000	N
4170C	N	30	N	N	200	<100	200	N	>2,000	N
4171C	N	50	20	700	200	150	300	N	>2,000	N
4175C	N	70	50	2,000	100	200	500	<500	>2,000	N
4176C	N	70	30	1,000	200	100	500	1,500	>2,000	N
4177C	1,000	50	<20	3,000	50	>20,000	500	5,000	>2,000	N
4178C	N	70	N	2,000	50	5,000	1,000	10,000	>2,000	N
4180C	N	50	30	2,000	200	N	200	>20,000	>2,000	N
4181C	N	10	N	1,000	30	N	150	2,000	>2,000	N
4182C	<200	70	N	3,000	50	>20,000	1,000	1,500	>2,000	N
4184C	N	20	N	200	100	200	200	N	>2,000	N
4185C	N	10	N	500	50	300	150	N	>2,000	N
4186C	N	20	N	500	50	N	150	N	>2,000	N
4187C	N	20	N	200	100	200	100	N	>2,000	N
4188C	N	50	N	500	100	N	500	N	>2,000	N
4189C	N	<10	N	N	30	300	70	N	>2,000	N
4190C	N	20	N	1,000	100	N	70	N	>2,000	N
4191C	N	20	N	1,500	100	N	100	N	>2,000	N
4192C	N	20	50	N	200	150	300	N	>2,000	N
4193C	N	50	30	N	200	100	500	N	>2,000	N
4194C	N	50	30	N	200	N	1,000	N	>2,000	N
4195C	N	20	<20	2,000	100	N	200	N	>2,000	N
4196C	N	50	N	5,000	50	N	1,000	2,000	>2,000	N
4197C	N	20	<20	700	150	N	300	N	>2,000	N
4198C	N	<10	N	2,000	20	N	150	1,000	>2,000	N
4199C	N	N	N	2,000	20	N	50	N	>2,000	N
4200C	N	20	N	1,500	150	N	500	<500	>2,000	N
4201C	N	15	N	1,000	20	N	100	N	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4202C	61 10 14	149 8 28	.50	.10	1.5	.30	150	N	N	N	3,000	>10,000
4205C	61 18 44	149 12 45	.50	.07	.5	1.50	100	N	N	N	100	>10,000
4206C	61 13 19	149 4 40	1.00	.10	10.0	.05	300	N	N	N	>5,000	2,000
4207C	61 3 15	149 37 34	1.50	.30	2.0	1.00	500	N	N	N	>5,000	200
5000C	61 56 7	148 54 29	3.00	.10	3.0	1.00	500	70.0	N	N	20	7,000
5001C	61 56 3	148 54 14	.50	.10	10.0	.70	1,000	N	N	N	100	700
5002C	61 56 1	149 1 33	1.00	<.05	1.0	1.00	150	N	N	N	70	2,000
5003C	61 58 59	149 1 27	.10	<.05	2.0	1.50	300	N	N	N	<20	200
5004C	61 58 35	149 1 51	<.10	.05	2.0	2.00	300	N	N	N	<20	200
5005C	61 56 32	149 5 51	<.10	.05	2.0	2.00	200	N	N	N	<20	100
5006C	61 53 2	149 11 12	N	.07	2.0	2.00	200	N	N	N	<20	100
5007C	61 53 12	149 10 55	<.10	.07	2.0	>2.00	300	N	N	N	20	100
5008C	61 54 17	149 10 42	N	.05	3.0	2.00	300	N	N	N	20	150
5009C	61 58 25	149 13 47	N	<.05	2.0	1.00	200	N	N	N	20	150
5010C	61 59 2	149 16 24	N	.05	2.0	2.00	300	N	N	N	20	500
5011C	61 56 24	149 20 11	N	.05	2.0	1.00	500	N	N	N	<20	50
5012C	61 46 47	149 23 13	.50	.07	2.0	>2.00	500	100.0	N	1,000	50	200
5013C	61 45 33	149 25 37	.50	.15	5.0	>2.00	500	N	N	N	20	200
5014C	61 45 44	149 29 32	<.10	.15	2.0	>2.00	500	N	N	N	20	500
5015C	61 59 59	149 22 8	N	.05	3.0	.70	1,000	N	N	N	<20	200
5018C	61 56 18	149 30 58	.10	.05	7.0	.50	2,000	N	N	N	50	100
5019C	61 54 49	149 28 42	N	<.05	2.0	1.00	200	N	N	N	50	100
5020C	61 54 3	149 44 53	.10	.05	2.0	.05	500	N	N	N	50	500
5021C	61 49 48	149 39 28	N	.05	2.0	.50	300	N	N	N	50	200
5022C	61 51 33	149 27 26	.10	.05	2.0	2.00	300	N	N	N	50	200
5023C	61 51 47	149 18 15	.20	.05	5.0	2.00	500	N	N	N	20	<50
5024C	61 47 42	149 16 45	N	.05	1.0	2.00	100	N	N	N	20	150
5025C	61 45 57	149 15 59	.10	.05	1.0	>2.00	100	N	N	N	50	1,000
5026C	61 44 50	149 13 50	<.10	.05	1.0	2.00	100	N	N	N	50	700
5027C	61 44 53	149 13 39	.50	.05	2.0	>2.00	200	N	N	N	100	300
5028C	61 40 57	149 21 30	<.10	.10	1.0	>2.00	150	N	N	N	20	100
5029C	61 43 50	149 7 45	.20	.05	1.0	>2.00	200	N	N	N	20	200
5030C	61 41 18	149 30 21	.20	.10	1.0	>2.00	200	N	N	N	20	200
5031C	61 21 36	148 11 56	30.00	.10	.5	2.00	200	N	2,000	N	1,000	1,000
5032C	61 23 43	148 9 18	5.00	.07	1.0	>2.00	100	100.0	N	500	200	5,000
5033C	61 21 26	148 14 46	1.00	.07	1.0	>2.00	100	N	N	N	1,000	>10,000
5034C	61 20 15	148 16 10	1.00	.20	1.5	>2.00	200	N	N	N	100	3,000
5035C	61 17 20	148 18 12	5.00	.50	2.0	2.00	500	N	N	N	1,000	>10,000
5036C	61 17 16	148 18 56	3.00	.50	2.0	>2.00	1,000	N	N	N	500	10,000
5037C	61 22 36	148 4 17	20.00	.50	2.0	>2.00	1,000	<1.0	N	N	500	5,000
5038C	61 28 2	148 4 14	7.00	.50	2.0	2.00	500	5.0	N	N	200	10,000
5039C	61 29 49	148 15 28	1.00	.20	1.0	>2.00	200	5.0	1,000	N	100	10,000
5040C	61 31 18	148 17 35	2.00	.70	2.0	>2.00	700	N	N	N	200	1,500
5041C	61 27 58	148 17 21	50.00	.20	.5	.50	200	7.0	500	N	20	>10,000
5042C	61 26 5	148 17 5	5.00	.30	1.5	>2.00	200	20.0	10,000	N	100	10,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4202C	N	N	N	10	<20	20	N	N	N	N	15,000
4205C	N	N	N	<10	20	500	<50	10	N	N	20
4205C	2	N	N	N	<20	<10	N	<10	N	N	50
4207C	N	N	N	N	20	10	<50	N	N	N	N
5000C	N	1,000	100	20	<20	20	N	30	N	N	150
5001C	N	100	N	N	<20	N	N	50	N	N	2,000
5002C	N	N	300	20	N	50	N	30	N	N	200
5003C	N	50	200	N	<20	15	500	50	N	N	50
5004C	N	N	300	N	<20	100	200	<10	N	N	<20
5005C	N	N	200	N	N	10	200	N	N	N	N
5006C	N	100	300	N	N	10	N	100	N	N	N
5007C	N	N	300	N	<20	150	300	N	N	N	50
5008C	N	N	300	N	<20	50	300	N	N	N	20
5009C	N	N	200	N	N	20	N	N	N	N	N
5010C	N	N	200	N	N	10	100	<10	N	N	<20
5011C	N	N	200	N	<20	<10	200	N	N	N	<20
5012C	N	N	200	N	<20	10	200	<10	N	N	100
5013C	N	N	N	N	50	10	N	N	N	N	100
5014C	N	300	300	N	30	30	N	N	N	N	500
5015C	N	N	200	N	<20	10	300	N	N	N	<20
5018C	N	<20	100	N	N	N	500	100	N	<10	<20
5019C	N	N	500	N	N	N	100	N	N	N	N
5020C	N	N	200	N	N	N	500	100	N	<10	N
5021C	N	N	300	N	N	N	100	20	N	N	N
5022C	N	N	200	N	N	N	200	20	N	N	N
5023C	N	N	200	N	N	<10	200	<10	N	N	N
5024C	N	100	500	N	N	20	50	50	N	N	N
5025C	N	N	500	N	<20	70	50	<10	N	N	N
5026C	N	N	500	N	N	50	50	N	N	N	N
5027C	N	N	200	<10	100	N	N	N	<50	N	N
5028C	N	N	500	N	<20	N	N	N	N	N	N
5029C	N	N	300	N	20	N	N	N	N	N	N
5030C	N	N	300	N	<20	N	N	N	N	N	N
5031C	N	N	N	300	<20	500	700	<10	N	500	500
5032C	N	N	200	100	50	300	200	N	N	300	3,000
5033C	N	N	50	15	70	100	N	N	<50	N	2,000
5034C	N	N	<50	10	150	10	N	N	100	N	2,000
5035C	N	N	N	100	150	200	N	20	N	200	1,000
5036C	N	N	N	50	300	100	100	N	100	10	100
5037C	N	N	N	300	150	700	50	N	N	500	200
5038C	N	N	N	100	70	200	N	50	N	200	1,000
5039C	N	N	200	20	30	20	N	N	N	100	1,500
5040C	N	N	<50	30	200	30	50	20	<50	20	300
5041C	N	N	N	700	20	1,000	N	N	N	2,000	2,000
5042C	N	20	<50	70	50	300	N	N	N	100	5,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
4202C	N	N	100	2,000	30	N	50	N	>2,000	N
4205C	N	20	N	2,000	50	N	150	N	>2,000	N
4206C	N	<10	N	N	50	N	N	N	1,000	N
4207C	N	20	1,000	N	100	N	150	N	>2,000	N
5000C	N	50	N	2,000	100	5,000	500	N	>2,000	N
5001C	N	20	N	500	50	500	1,000	N	>2,000	N
5002C	N	70	N	N	100	<100	1,000	N	>2,000	500
5003C	N	50	N	N	200	500	500	N	>2,000	N
5004C	N	70	N	N	200	<100	1,000	N	>2,000	N
5005C	N	50	N	N	100	<100	700	N	>2,000	N
5006C	N	50	N	N	100	1,000	300	N	>2,000	N
5007C	N	70	N	N	200	N	1,500	N	>2,000	N
5008C	N	70	50	N	100	N	1,000	N	>2,000	N
5009C	N	50	20	N	50	200	500	N	>2,000	N
5010C	N	30	N	N	100	N	500	N	>2,000	N
5011C	N	30	N	N	50	N	300	N	>2,000	N
5012C	N	30	N	N	100	200	500	N	>2,000	N
5013C	N	30	N	1,000	100	N	500	N	>2,000	N
5014C	N	30	100	1,000	100	100	1,000	N	>2,000	N
5015C	N	30	N	N	50	N	1,000	N	>2,000	N
5018C	N	20	N	N	50	N	1,000	N	>2,000	N
5019C	N	50	N	N	50	N	500	N	>2,000	N
5020C	N	20	N	N	50	200	200	N	>2,000	N
5021C	N	50	N	N	50	100	500	N	>2,000	200
5022C	N	50	N	N	100	200	500	N	>2,000	N
5023C	N	50	N	N	200	200	500	N	>2,000	N
5024C	N	50	N	N	100	200	500	N	>2,000	500
5025C	N	50	50	N	200	500	500	N	>2,000	200
5026C	N	50	30	N	100	200	500	N	>2,000	N
5027C	N	30	N	1,000	200	200	500	N	>2,000	N
5028C	N	50	N	N	100	N	500	N	>2,000	N
5029C	N	50	N	N	100	N	500	N	>2,000	N
5030C	N	30	N	N	100	N	500	N	>2,000	N
5031C	N	N	N	500	50	200	100	1,000	>2,000	N
5032C	200	50	N	<200	100	500	500	N	>2,000	N
5033C	N	50	N	3,000	200	500	500	1,000	>2,000	N
5034C	N	50	20	N	200	N	500	N	>2,000	N
5035C	N	20	N	3,000	100	N	200	<500	>2,000	N
5036C	N	50	20	1,000	200	N	500	N	>2,000	N
5037C	N	50	N	500	200	N	300	N	>2,000	N
5038C	N	30	N	1,000	100	1,500	200	N	>2,000	N
5039C	N	50	N	1,000	200	2,000	500	N	>2,000	N
5040C	N	70	N	1,000	300	200	500	N	>2,000	N
5041C	N	N	N	1,500	50	200	100	1,000	>2,000	N
5042C	N	50	N	700	100	1,000	500	N	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5043C	61 46 34	149 33 0	.50	.20	2.0	>2.00	2,000	N	N	N	100	700
5044C	61 45 56	149 31 38	.30	.20	2.0	>2.00	500	10.0	N	200	100	200
5046C	61 49 39	149 18 37	1.00	.20	5.0	>2.00	1,000	2.0	N	30	100	300
5047C	61 50 5	149 23 47	.10	.07	1.5	>2.00	700	N	N	N	20	150
5048C	61 50 4	149 24 7	.50	.15	2.0	>2.00	2,000	3.0	N	200	100	200
5049C	61 25 15	148 25 51	3.00	.10	1.0	>2.00	100	5.0	N	50	50	>10,000
5050C	61 19 31	148 27 33	1.50	.10	1.0	>2.00	200	N	N	N	500	>10,000
5051C	61 16 47	148 28 20	7.00	.10	1.0	1.50	300	2.0	N	N	2,000	10,000
5052C	61 11 59	149 23 51	10.00	.20	1.5	1.00	1,000	N	2,000	N	5,000	3,000
5053C	61 11 32	148 24 10	2.00	.20	2.0	2.00	500	N	N	N	>5,000	>10,000
5055C	61 13 58	148 27 17	3.00	.50	2.0	>2.00	1,000	N	N	N	5,000	2,000
5056C	61 10 31	148 24 15	2.00	.70	7.0	2.00	1,000	N	N	N	>5,000	5,000
5057C	61 10 23	148 29 58	.50	.20	1.0	>2.00	700	N	N	N	1,000	700
5060C	61 25 54	148 42 10	2.00	.30	1.0	>2.00	500	N	N	N	100	>10,000
5061C	61 19 35	148 42 11	2.00	.50	2.0	>2.00	1,000	N	N	N	>5,000	>10,000
5064C	61 5 39	148 43 55	10.00	.20	1.5	>2.00	500	5.0	1,000	N	200	>10,000
5066C	61 27 24	149 2 43	2.00	.20	1.0	>2.00	500	N	N	N	150	>10,000
5067C	61 22 47	149 3 16	2.00	.10	1.0	>2.00	200	N	N	N	150	>10,000
5068C	61 21 26	148 59 33	1.50	.50	1.5	>2.00	700	N	N	N	500	3,000
5069CD	61 21 35	149 2 7	.30	.10	1.0	>2.00	700	N	N	N	200	>10,000
5070C	61 14 7	148 51 40	7.00	.20	.7	2.00	1,000	N	N	N	100	>10,000
5072C	61 15 2	148 54 11	3.00	.10	.5	2.00	500	N	N	N	1,000	>10,000
5074C	61 24 26	149 6 9	1.00	.10	1.0	>2.00	300	N	N	N	500	10,000
5075C	61 22 12	149 10 45	1.00	.10	.7	>2.00	200	N	N	N	300	10,000
5076C	61 22 20	149 10 33	1.50	.10	1.5	>2.00	500	N	2,000	N	300	>10,000
5077C	61 22 10	149 10 34	2.00	.20	.5	>2.00	500	N	N	N	1,000	>10,000
5078C	61 14 30	149 6 20	2.00	.15	1.0	1.00	500	N	N	N	5,000	>10,000
5080C	61 16 43	149 8 7	1.00	.50	1.0	>2.00	500	N	N	N	>5,000	>10,000
5081C	61 17 11	149 9 19	3.00	.10	.5	>2.00	200	20.0	5,000	N	1,000	>10,000
5082C	61 30 28	149 0 55	3.00	.30	1.0	>2.00	500	N	N	N	5,000	>10,000
5083C	61 18 42	149 11 18	1.00	.20	1.0	>2.00	200	N	N	N	200	>10,000
5085C	61 19 28	149 15 43	2.00	.30	1.0	>2.00	500	N	N	N	150	3,000
5086C	61 22 32	149 21 6	3.00	.50	1.5	>2.00	500	20.0	N	200	1,000	10,000
5087C	61 22 45	149 20 42	1.50	.50	2.0	>2.00	1,000	N	N	N	50	700
5088C	61 22 9	149 25 59	1.50	1.00	1.5	>2.00	700	N	N	N	1,000	>10,000
5089C	61 20 35	149 30 22	.50	.50	1.5	>2.00	500	N	N	N	70	700
5090C	61 14 45	148 59 20	2.00	1.00	5.0	1.00	700	N	N	N	5,000	500
5091C	61 12 42	149 1 35	5.00	.20	10.0	.50	300	N	N	N	>5,000	2,000
5093C	61 12 22	149 6 5	10.00	.50	5.0	1.00	700	N	N	N	>5,000	7,000
5095C	61 13 8	149 15 5	2.00	.70	5.0	.70	1,000	20.0	N	200	5,000	7,000
5097C	61 14 35	149 22 24	1.00	.50	1.0	>2.00	1,000	20.0	N	500	500	>10,000
5098C	61 14 36	149 22 32	1.50	.70	1.5	>2.00	1,000	N	N	N	500	10,000
5099C	61 16 31	149 21 42	.70	.10	.5	2.00	200	N	N	N	150	2,000
5101C	61 0 29	149 1 2	15.00	.50	1.0	>2.00	1,000	10.0	2,000	70	500	>10,000
5102C	61 1 38	149 6 26	50.00	.50	1.0	1.00	1,000	2,000.0	>20,000	>1,000	500	>10,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5043C	N	500	100	<10	50	20	700	10	50	N	200
5044C	N	<20	200	N	50	20	N	N	N	N	500
5045C	N	N	N	30	50	500	1,000	50	70	N	3,000
5047C	N	N	300	N	200	100	500	10	50	N	N
5048C	N	N	200	N	200	100	700	<10	N	N	50
5049C	N	N	300	50	200	100	N	N	N	<10	500
5050C	N	N	N	20	100	20	N	10	100	N	200
5051C	N	N	N	50	30	50	N	N	N	200	2,000
5052C	N	N	N	100	100	50	N	N	N	200	1,000
5053C	N	N	N	10	200	N	N	N	N	10	100
5055C	N	N	N	50	200	20	200	N	50	N	200
5056C	N	N	N	N	200	N	N	N	N	N	100
5057C	N	N	N	N	200	N	N	N	N	N	200
5060C	N	N	N	10	150	N	<50	N	100	N	20
5061C	N	N	N	20	500	50	N	N	<50	<10	1,000
5064C	N	N	N	50	200	200	N	N	50	200	3,000
5065C	N	N	N	20	200	20	150	N	100	N	500
5067C	N	N	N	20	100	20	150	N	100	N	2,000
5068C	N	N	N	10	150	10	N	10	N	N	200
5069CD	<2	N	N	15	70	10	50	N	70	<10	200
5070C	N	N	N	100	200	200	N	<10	50	100	200
5072C	N	N	N	50	150	10	N	N	<50	20	300
5074C	N	N	100	10	100	N	100	N	100	N	5,000
5075C	N	N	N	<10	50	N	300	N	100	N	200
5076C	N	N	N	<10	100	N	500	N	50	N	500
5077C	N	N	N	10	150	200	700	N	70	N	200
5078C	N	N	N	10	100	10	N	N	N	N	50
5080C	N	N	N	20	200	N	N	20	<50	N	100
5081C	N	N	N	70	100	N	300	N	70	20	2,000
5082C	N	N	N	20	200	10	50	20	50	10	2,000
5083C	N	N	N	10	200	N	500	N	70	N	50
5085C	N	N	<50	20	200	<10	50	N	50	N	50
5086C	N	N	200	10	300	N	50	N	<50	N	50
5087C	N	N	<50	<10	200	N	100	<10	N	N	1,000
5088C	N	N	<50	10	300	N	50	<10	N	50	50
5089C	N	N	<50	<10	200	N	200	10	50	N	<20
5090C	N	N	N	20	200	N	N	N	N	<10	N
5091C	2	N	N	50	50	N	N	20	N	50	70
5093C	2	N	N	50	50	100	N	100	N	50	70
5095C	N	N	N	20	500	200	N	N	N	10	N
5097C	N	N	N	20	200	N	150	N	<50	N	N
5098C	N	N	N	20	200	N	500	N	50	N	100
5099C	N	N	N	N	<20	N	<50	N	N	N	300
5101C	N	N	N	150	300	500	200	N	<50	200	2,000
5102C	N	200	N	500	70	1,500	N	N	N	700	50,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5043C	N	100	50	N	200	N	1,500	N	>2,000	200
5044C	N	50	50	N	100	150	500	N	>2,000	N
5045C	N	50	100	N	700	200	1,500	500	>2,000	N
5047C	N	100	N	N	200	N	1,000	N	>2,000	200
5048C	N	100	50	N	200	N	1,500	N	>2,000	N
5049C	N	70	N	N	200	2,000	1,000	15,000	>2,000	N
5050C	3,000	50	<20	2,000	200	1,000	500	5,000	>2,000	N
5051C	200	30	N	1,000	70	1,000	500	3,000	>2,000	<200
5052C	200	20	N	<200	100	300	200	N	>2,000	N
5053C	N	20	N	700	100	100	500	<500	>2,000	N
5055C	N	50	30	1,000	150	<100	500	1,000	>2,000	N
5056C	N	20	N	N	150	150	100	N	>2,000	N
5057C	<200	70	N	N	150	200	700	N	>2,000	N
5060C	N	50	N	1,000	200	<100	200	N	>2,000	N
5061C	<200	30	N	500	200	N	200	N	>2,000	N
5064C	<200	50	20	5,000	100	N	500	10,000	>2,000	N
5066C	N	70	30	3,000	200	100	500	2,000	>2,000	N
5067C	N	50	N	1,000	200	N	300	1,500	>2,000	N
5068C	N	50	20	N	200	N	200	N	>2,000	N
5069CD	N	50	<20	2,000	150	N	200	N	>2,000	N
5070C	N	20	20	5,000	100	1,000	150	N	>2,000	N
5072C	N	20	N	5,000	100	2,000	150	N	>2,000	N
5074C	N	30	200	<200	200	N	200	N	>2,000	<200
5075C	N	30	N	500	200	<100	200	N	>2,000	N
5075C	N	30	N	1,000	200	1,000	500	N	>2,000	N
5077C	N	20	N	1,000	200	1,000	200	N	>2,000	N
5078C	N	10	N	1,000	100	100	100	N	>2,000	N
5080C	N	50	<20	500	100	N	500	N	>2,000	N
5081C	N	50	N	1,000	200	1,000	500	500	>2,000	N
5082C	N	50	<20	1,500	200	N	500	N	>2,000	N
5083C	N	70	N	3,000	200	N	500	N	>2,000	N
5085C	N	50	N	N	200	N	300	N	>2,000	200
5086C	N	70	N	N	200	150	500	N	>2,000	N
5087C	N	50	100	N	150	100	500	N	>2,000	500
5088C	N	50	200	500	150	500	300	N	>2,000	200
5089C	N	50	20	N	200	200	500	N	>2,000	1,000
5090C	N	20	N	<200	200	N	70	N	>2,000	N
5091C	N	10	N	N	50	N	70	N	>2,000	N
5093C	N	10	N	<200	100	N	100	N	>2,000	N
5095C	N	10	N	500	200	N	50	N	>2,000	N
5097C	N	50	N	<200	150	<100	300	N	>2,000	N
5098C	N	50	N	200	200	N	200	N	>2,000	N
5099C	N	20	N	N	70	N	100	N	>2,000	N
5101C	N	50	N	3,000	150	N	1,000	1,000	>2,000	N
5102C	N	30	N	200	50	200	200	500	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5103C	61 4 58	149 1 8	20.00	.70	2.0	1.00	1,000	1.0	500	N	300	>10,000
5104C	61 5 34	149 1 52	5.00	.50	1.0	>2.00	700	1.5	<500	N	200	5,000
5105C	60 59 48	149 9 41	15.00	2.00	1.0	2.00	2,000	1.0	7,000	N	300	2,000
5107C	61 2 44	149 13 42	15.00	2.00	1.0	2.00	1,500	2,000.0	7,000	>1,000	500	10,000
5108C	61 4 51	149 20 57	15.00	5.00	1.5	2.00	2,000	50.0	N	50	200	>10,000
5109C	61 1 46	149 24 51	2.00	1.50	1.5	>2.00	1,500	N	N	N	100	700
5110C	61 2 37	149 24 43	5.00	2.00	2.0	>2.00	1,500	N	N	N	>5,000	>10,000
5111C	61 5 54	149 14 40	5.00	2.00	1.5	>2.00	2,000	N	N	N	500	>10,000
5113C	61 5 58	149 17 34	2.00	1.00	1.5	>2.00	1,500	1.0	N	N	150	5,000
5114C	61 7 58	149 21 10	7.00	10.00	10.0	1.00	1,500	N	N	N	>5,000	>10,000
5115C	61 8 14	149 24 4	7.00	10.00	20.0	1.50	2,000	N	N	N	1,000	700
5116C	61 8 10	149 24 1	2.00	2.00	5.0	2.00	1,000	N	N	N	>5,000	>10,000
5117C	61 12 17	149 28 23	1.00	.70	20.0	>2.00	2,000	N	N	N	70	200
5118C	61 10 18	149 27 22	2.00	3.00	2.0	>2.00	2,000	N	N	N	50	2,000
5119C	61 7 5	149 27 59	3.00	3.00	5.0	>2.00	2,000	N	N	N	2,000	1,500
5120C	61 5 15	149 29 58	2.00	1.00	3.0	>2.00	1,500	N	N	N	100	>10,000
5121C	61 3 26	149 29 33	1.00	2.00	5.0	>2.00	1,500	N	N	N	500	2,000
5122C	61 0 43	149 27 46	1.00	1.00	1.5	>2.00	1,500	N	N	N	150	3,000
5124C	60 58 8	149 17 21	2.00	2.00	1.5	>2.00	1,500	500.0	N	>1,000	200	3,000
5126C	61 6 14	148 59 40	15.00	3.00	2.0	2.00	2,000	2.0	500	N	500	>10,000
5127C	61 8 15	149 1 50	5.00	.50	1.0	2.00	1,000	N	N	N	1,000	>10,000
5128C	61 6 18	149 5 43	7.00	1.00	1.0	>2.00	1,000	1,000.0	1,000	1,000	200	>10,000
5129C	61 4 45	149 7 4	>50.00	.50	.5	1.00	500	5,000.0	>20,000	>1,000	500	5,000
5130C	61 6 58	149 10 45	1.00	2.00	1.0	>2.00	1,500	N	N	N	300	>10,000
5131C	61 5 43	148 48 26	15.00	3.00	1.5	2.00	3,000	5.0	700	N	500	>10,000
5132C	61 5 43	148 47 42	10.00	2.00	2.0	2.00	2,000	N	700	N	500	1,500
5135C	61 7 28	147 0 29	1.00	.20	.3	>2.00	700	N	N	N	70	100
5136C	61 5 55	147 21 0	10.00	.30	.1	2.00	200	3.0	N	N	1,000	>10,000
5137C	61 12 15	147 2 19	1.00	.20	1.5	>2.00	500	N	N	N	150	3,000
5138C	61 11 22	147 5 20	1.00	1.00	2.0	>2.00	1,000	N	N	N	>5,000	500
5139C	61 3 18	147 5 50	2.00	.30	1.0	>2.00	500	N	500	N	5,000	500
5140C	61 4 57	147 6 32	1.00	.50	2.0	>2.00	700	N	N	N	1,000	3,000
5141C	61 5 45	147 21 57	1.00	.20	.5	>2.00	150	N	N	N	100	>10,000
5143C	61 4 13	147 26 41	1.50	.05	.2	2.00	100	N	N	N	20	>10,000
5145C	61 7 35	148 16 20	5.00	.30	10.0	.30	200	1.0	N	N	>5,000	>10,000
5149C	61 21 31	147 36 8	15.00	.30	.2	1.00	150	15.0	5,000	N	50	200
5150C	61 21 33	147 36 24	10.00	.20	.2	.50	100	50.0	1,500	100	100	3,000
5151C	61 11 57	147 28 25	10.00	.20	1.0	1.00	200	10.0	2,000	N	1,000	50
5152C	61 6 47	147 28 12	1.00	.30	.5	2.00	200	N	N	N	200	200
5153C	61 0 23	147 40 47	1.00	.20	1.0	2.00	1,000	N	N	N	100	100
5154C	61 0 19	147 40 39	1.00	.50	5.0	>2.00	1,000	50.0	N	150	100	2,000
5155C	61 3 21	147 17 9	5.00	.15	.5	2.00	200	30.0	20,000	N	50	>10,000
5156C	61 1 25	147 16 22	1.00	.20	1.0	>2.00	1,000	N	N	N	50	300
5157C	61 15 13	147 30 33	.70	.10	.7	>2.00	150	20.0	N	200	50	200
5158C	61 14 9	147 40 23	15.00	.15	.5	1.00	150	2.0	<500	N	1,000	>10,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5103C	N	N	N	500	200	500	N	N	N	300	3,000
5104C	N	N	N	50	200	200	N	N	<50	50	1,000
5105C	N	N	N	100	1,000	500	200	N	N	200	200
5107C	N	N	N	100	1,000	1,000	100	N	N	200	300
5108C	N	N	N	70	7,000	300	300	N	N	50	150
5109C	N	N	N	20	150	10	50	N	<50	<10	<20
5110C	N	N	N	50	3,000	200	100	N	<50	100	100
5111C	N	N	N	50	200	20	50	N	<50	50	70
5113C	N	N	N	20	500	10	200	N	<50	<10	50
5114C	N	N	N	70	10,000	200	N	N	N	200	50
5115C	N	N	N	70	10,000	150	N	N	N	300	<20
5116C	N	N	N	30	2,000	50	N	N	N	50	50
5117C	N	<20	N	<10	1,500	<10	1,000	10	50	N	30
5118C	N	N	N	20	500	<10	300	<10	50	20	N
5119C	N	N	N	70	700	150	300	N	<50	100	200
5120C	N	N	N	<10	200	<10	200	N	<50	N	<20
5121C	N	N	N	20	500	<10	200	N	N	10	100
5122C	N	N	N	20	200	10	50	N	N	N	70
5124C	N	N	N	30	200	20	50	N	<50	100	100
5125C	N	N	N	200	200	700	500	10	N	200	500
5127C	N	N	N	50	200	200	500	N	N	50	200
5128C	N	N	N	70	1,000	200	<50	N	<50	150	3,000
5129C	N	200	N	500	500	1,000	N	N	N	500	>50,000
5130C	N	N	N	50	2,000	200	100	N	<50	100	100
5131C	2	N	N	200	300	500	200	<10	N	500	5,000
5132C	2	N	N	100	200	500	100	N	<50	200	200
5135C	<2	N	N	15	200	20	N	N	<50	50	<20
5136C	<2	N	N	50	150	200	N	N	<50	200	200
5137C	<2	N	N	20	50	<10	N	10	50	20	<20
5138C	<2	N	N	10	200	N	<50	N	<50	<10	50
5139C	<2	N	N	30	300	10	N	N	N	30	100
5140C	<2	N	N	30	1,000	N	N	N	<50	<10	<20
5141C	<2	N	200	10	150	10	<50	N	50	N	200
5143C	<2	N	<50	<10	<20	<10	N	N	N	N	N
5145C	10	N	N	30	70	1,000	N	N	N	150	150
5149C	N	30	N	500	20	1,000	N	N	N	1,000	2,000
5150C	N	<20	N	200	<20	500	N	N	N	500	500
5151C	N	N	N	100	150	100	N	N	N	200	200
5152C	N	N	N	10	50	N	N	N	N	N	N
5153C	N	N	N	<10	<20	N	150	N	<50	N	N
5154C	<2	N	N	20	300	150	N	N	N	20	70
5155C	<2	N	500	20	20	2,000	N	N	N	50	30,000
5156C	<2	N	N	<10	20	10	<50	N	70	N	<20
5157C	<2	N	N	<10	50	10	N	N	<50	N	N
5158C	<2	N	N	200	20	200	N	N	N	300	1,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5103C	N	50	N	2,000	100	N	200	N	>2,000	N
5104C	N	20	N	200	100	N	200	N	>2,000	<200
5105C	N	30	N	500	200	N	200	<500	>2,000	N
5107C	N	50	N	1,000	200	200	200	N	>2,000	N
5108C	N	70	N	3,000	200	N	500	N	>2,000	<200
5109C	N	20	N	500	200	N	150	N	>2,000	N
5110C	N	50	20	2,000	200	N	200	N	>2,000	N
5111C	N	50	N	1,000	200	N	150	N	>2,000	N
5113C	N	20	N	N	300	N	200	N	>2,000	N
5114C	N	70	N	200	300	N	150	N	>2,000	N
5115C	N	200	N	N	200	N	500	N	>2,000	N
5116C	N	50	N	1,000	300	N	200	<500	>2,000	N
5117C	N	50	50	<200	300	N	1,500	N	2,000	N
5118C	N	20	20	N	200	N	500	N	>2,000	N
5119C	N	50	<20	1,000	300	N	200	N	>2,000	N
5120C	N	30	N	500	200	N	200	N	>2,000	N
5121C	N	50	<20	<200	300	N	200	N	>2,000	N
5122C	N	50	N	N	200	N	300	N	>2,000	N
5124C	N	50	N	500	200	200	200	N	>2,000	N
5126C	N	70	N	5,000	200	N	500	N	>2,000	N
5127C	N	50	N	10,000	100	N	500	2,000	>2,000	N
5128C	N	30	30	<200	200	N	500	3,000	>2,000	N
5129C	N	30	<20	N	100	500	150	3,000	>2,000	N
5130C	N	50	<20	1,000	200	100	500	N	>2,000	N
5131C	N	50	N	1,000	300	N	200	500	>2,000	N
5132C	N	50	N	700	300	N	200	<500	>2,000	N
5135C	N	20	N	N	100	N	200	N	>2,000	N
5136C	N	50	N	5,000	100	N	1,000	1,000	>2,000	N
5137C	N	30	N	<200	150	N	200	N	>2,000	N
5138C	N	30	N	N	150	N	300	N	>2,000	N
5139C	N	50	N	N	150	N	500	N	>2,000	<200
5140C	N	20	N	N	100	N	200	N	>2,000	N
5141C	N	70	N	5,000	150	N	700	N	>2,000	N
5143C	N	20	N	N	50	N	150	N	>2,000	N
5145C	N	10	N	N	50	100	50	N	>2,000	N
5149C	N	N	N	N	50	300	70	500	>2,000	N
5150C	N	N	N	N	20	100	70	N	>2,000	N
5151C	N	20	N	N	50	N	300	N	>2,000	N
5152C	N	20	N	N	100	N	200	N	>2,000	N
5153C	N	20	N	N	50	<100	200	N	>2,000	N
5154C	N	50	50	N	150	100	700	N	>2,000	N
5155C	2,000	50	N	3,000	70	N	500	10,000	>2,000	N
5156C	N	10	20	N	50	N	200	N	>2,000	N
5157C	N	10	N	N	200	100	200	N	>2,000	N
5158C	N	N	N	N	50	N	100	N	>2,000	N

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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	Be-ppm s
5159C	61 21 33	147 40 2	10.00	.20	1.0	1.00	200	N	1,000	N	50	>10,000
5160C	61 9 4	147 56 14	1.00	.50	1.5	>2.00	500	N	N	N	100	200
5161C	61 2 44	147 51 0	.70	.20	1.5	>2.00	300	N	5,000	N	500	200
5163C	61 5 22	148 3 5	50.00	.20	.2	2.00	300	200.0	5,000	200	50	200
5164C	61 6 45	147 58 16	1.00	.30	1.5	>2.00	200	N	N	N	100	200
6000C	61 33 53	148 13 39	7.00	.10	.1	1.00	150	2.0	15,000	N	20	5,000
6001C	61 33 32	148 13 58	5.00	.20	.5	2.00	200	700.0	7,000	300	50	10,000
6002C	61 33 23	148 14 15	3.00	2.00	1.0	>2.00	1,000	N	1,000	N	200	2,000
6003C	61 33 15	148 14 25	20.00	.20	.5	1.00	200	10.0	>20,000	N	<20	10,000
6004C	61 32 53	148 14 42	10.00	1.00	.5	2.00	500	3.0	10,000	N	200	5,000
6005C	61 32 50	148 14 30	2.00	1.00	1.0	2.00	500	N	N	N	100	5,000
6006C	61 32 5	148 14 15	5.00	1.50	1.0	2.00	1,000	N	<500	N	100	1,000
6007C	61 31 46	148 14 15	10.00	.30	1.0	2.00	500	5.0	5,000	N	200	3,000
6008C	61 31 0	148 13 35	1.00	.70	1.5	>2.00	1,000	N	N	N	500	1,000
6009C	61 31 3	148 22 12	5.00	.70	1.5	>2.00	700	1,000.0	3,000	>1,000	200	5,000
6010C	61 31 3	148 22 20	20.00	.20	1.0	2.00	200	1,000.0	10,000	>1,000	20	5,000
6011C	61 31 5	148 22 35	5.00	1.00	.5	>2.00	1,000	N	N	N	300	1,500
6012C	61 31 28	148 23 3	2.00	.70	1.0	>2.00	500	N	N	N	200	5,000
6013C	61 31 23	148 23 3	10.00	.20	1.0	2.00	200	100.0	2,000	500	50	5,000
6014C	61 14 0	148 51 40	7.00	.30	1.5	1.00	500	3.0	<500	N	2,000	>10,000
6015C	61 14 28	148 52 0	2.00	.50	2.0	.50	1,000	N	N	N	200	10,000
6016C	61 17 38	148 55 9	2.00	.50	3.0	>2.00	500	N	N	N	700	>10,000
6018C	61 18 38	148 56 29	2.00	.70	5.0	.50	1,000	N	N	N	1,000	3,000
[illegible]	61 45 43	148 44 34	1.00	.10	.1	>2.00	150	N	N	[illegible]	50	>10,000
6020C	61 10 51	148 48 27	.50	.10	.1	1.00	1,000	N	N	N	50	>10,000
6021C	61 36 49	148 8 46	2.00	1.00	2.0	>2.00	2,000	10.0	5,000	N	500	7,000
6022C	61 30 59	148 14 16	10.00	2.00	2.0	>2.00	2,000	1.0	N	N	200	3,000
6023C	61 29 27	148 1 59	2.00	.70	1.5	>2.00	500	100.0	2,000	150	5,000	>10,000
8000R	61 20 3	148 9 10	30.00	.20	2.0	.30	1,000	20.0	1,000	<20	20	100
8005R	61 20 45	148 13 35	>50.00	.10	1.0	.50	200	10.0	500	N	<20	200
8018R	61 6 35	148 56 12	50.00	.15	.2	.50	500	N	1,000	N	<20	2,000
9000R	61 19 2	148 9 5	>50.00	.50	5.0	1.00	500	20.0	1,500	<20	<20	1,000
9001R	61 20 0	148 12 55	10.00	.20	1.0	>2.00	500	70.0	N	N	50	300
9002R	61 20 25	147 58 38	5.00	.50	15.0	2.00	5,000	5.0	2,000	100	200	300
9004R	61 20 40	147 56 10	50.00	.05	.5	>2.00	300	10.0	700	N	20	100
9005R	61 24 15	147 51 30	3.00	.20	15.0	1.00	1,000	100.0	N	N	30	200
9006R	61 30 12	148 1 0	.70	.30	2.0	5.00	3,000	100.0	2,000	200	100	500
9007R	61 32 51	147 48 25	2.00	.20	2.0	2.00	500	20.0	N	<20	50	300
9029R	61 7 20	148 0 40	10.00	.30	10.0	.30	2,000	200.0	2,000	20	50	1,000
9032R	61 24 17	147 58 10	10.00	.07	2.0	1.00	200	40.0	700	20	100	70
9048R	61 36 30	147 51 35	7.00	2.00	.5	.20	300	200.0	>20,000	30	20	5,000
9049R	61 30 8	147 2 55	50.00	.10	.5	.50	200	10.0	5,000	N	<20	500
9050R	61 20 12	147 24 15	>50.00	.50	.5	.50	1,000	30.0	5,000	N	50	2,000
9051R	61 10 55	147 30 35	30.00	.20	10.0	.30	500	500.0	10,000	50	20	3,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5159C	2	N	N	50	30	100	N	N	N	150	150
5160C	2	N	100	10	100	N	N	<10	50	10	50
5161C	2	N	100	<10	100	N	N	N	N	N	70
5163C	N	N	<50	1,000	150	1,500	N	N	N	5,000	3,000
5164C	<2	N	<50	<10	100	N	N	N	70	N	N
6000C	N	N	N	100	<20	200	N	N	N	150	200
6001C	N	N	N	150	100	300	N	N	<50	200	2,000
6002C	N	N	N	50	300	200	150	N	<50	100	200
6003C	N	N	N	500	30	700	N	N	N	1,000	300
6004C	<2	N	N	150	100	300	N	N	<50	200	200
6005C	<2	N	N	50	100	200	200	<10	50	100	100
6006C	N	N	N	50	100	150	<50	N	50	100	100
6007C	<2	N	N	300	50	500	<50	N	N	500	1,000
6008C	N	N	N	20	150	20	50	N	100	N	70
6009C	N	N	N	100	200	300	N	N	<50	100	3,000
6010C	N	<20	N	200	50	300	N	N	N	500	10,000
6011C	N	N	N	50	500	20	100	N	<50	50	300
6012C	N	N	N	20	100	10	50	N	50	<10	150
6013C	N	N	N	100	20	200	N	N	N	300	3,000
6014C	<2	N	N	100	20	100	N	N	N	100	200
6015C	<2	N	N	10	20	10	N	N	N	N	200
6016C	<2	N	N	20	50	50	N	N	N	N	20
6018C	<2	N	N	<10	100	10	N	N	N	N	<20
6019C	<2	N	N	<10	30	<10	<50	<10	50	50	N
6020C	<2	N	N	<10	20	10	<50	N	50	N	200
6021C	<2	N	N	500	200	300	200	<10	<50	200	5,000
6022C	2	N	N	100	200	200	50	N	<50	150	100
6023C	<2	200	N	50	50	300	50	50	<50	200	20,000
8000R	<2	<20	100	150	20	700	N	N	N	200	5,000
8006R	N	N	<50	200	<20	1,000	N	N	N	100	5,000
8018P	N	N	<50	200	<20	1,000	N	N	N	200	150
9000R	N	N	N	2,000	50	1,000	N	N	N	5,000	500
9001R	N	N	N	100	200	1,500	N	N	50	150	5,000
9002R	15	100	200	70	150	500	200	50	300	50	2,000
9004R	N	N	N	100	100	1,500	N	20	70	100	10,000
9005R	<2	100	N	20	100	2,000	N	N	N	20	30,000
9006R	10	100	200	50	150	50	200	50	200	50	20,000
9007P	N	N	50	10	70	1,000	N	N	N	<10	10,000
9029R	N	20	N	20	100	200	N	N	N	100	20,000
9032R	2	20	50	100	30	200	50	10	50	40	10,000
9048R	N	100	N	50	70	5,000	N	N	N	50	7,000
9049R	N	N	N	100	<20	100	N	N	N	100	2,000
9050R	N	N	N	200	100	200	N	N	N	2,000	5,000
9051P	N	300	N	100	<20	700	N	20	N	200	>50,000

TABLE 4. RESULTS OF ANALYSES OF HEAVY-MINERAL-CONCENTRATE SAMPLES FROM THE ANCHORAGE QUADRANGLE, SOUTH-CENTRAL 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
5159C	N	20	N	1,000	100	N	200	N	>2,000	N
5160C	N	50	<20	N	200	N	200	N	>2,000	N
5161C	N	50	<20	N	200	N	500	N	>2,000	N
5163C	N	30	N	N	50	N	500	5,000	>2,000	N
5164C	N	30	N	N	150	N	300	N	>2,000	<200
6000C	N	N	N	200	20	N	20	N	100	N
6001C	N	10	N	1,000	100	5,000	100	N	>2,000	N
6002C	N	50	N	700	300	5,000	150	<500	>2,000	N
6003C	N	10	N	500	100	1,000	50	500	1,000	N
6004C	N	10	N	200	200	300	70	N	2,000	N
6005C	N	50	N	700	200	100	150	N	>2,000	N
6006C	N	50	N	700	200	N	150	N	2,000	N
6007C	N	20	N	500	150	100	200	N	>2,000	N
6008C	N	50	N	500	300	N	500	N	>2,000	N
6009C	N	50	N	<200	300	500	300	N	>2,000	N
6010C	N	20	N	200	200	2,000	200	N	>2,000	N
6011C	N	50	N	<200	300	200	200	N	>2,000	N
6012C	N	20	N	700	200	200	200	N	>2,000	N
6013C	N	10	N	500	100	2,000	100	N	>2,000	N
6014C	N	N	N	1,000	100	N	70	N	2,000	N
6015C	N	10	N	1,000	200	N	50	N	2,000	N
6016C	N	70	N	1,000	200	N	100	N	>2,000	N
6018C	N	20	N	200	200	N	20	N	1,000	N
6019C	N	20	N	1,500	50	200	50	N	>2,000	N
6020C	N	10	N	200	50	N	50	N	>2,000	N
6021C	N	50	20	2,000	200	500	300	<500	>2,000	<200
6022C	N	50	N	700	500	N	100	<500	700	N
6023C	N	20	N	1,000	200	500	200	N	>2,000	N
8000R	2,000	N	N	1,000	100	100	50	20,000	>2,000	N
8006R	1,000	N	N	500	20	N	500	10,000	>2,000	N
8018R	1,500	10	N	N	20	N	200	N	>2,000	N
9000R	2,000	N	N	N	100	N	70	<500	>2,000	N
9001R	200	100	300	N	200	N	1,000	500	>2,000	N
9002R	1,000	50	100	1,000	200	500	150	3,000	20,000	1,000
9004R	100	100	N	N	200	<100	200	N	>2,000	N
9005R	100	<10	200	1,500	30	10,000	70	N	>2,000	N
9006R	1,000	50	100	1,000	150	7,000	100	2,000	30,000	1,000
9007R	1,000	70	500	N	150	500	1,000	N	>2,000	N
9029R	20,000	20	1,000	1,500	50	700	200	500	>2,000	N
9032R	200	10	20	200	100	100	30	700	4,000	200
9048R	3,000	<10	1,000	N	20	300	100	1,000	>2,000	N
9049R	1,000	<10	N	N	20	<100	150	N	>2,000	N
9050R	1,000	N	500	N	50	<100	100	700	>2,000	N
9051R	>20,000	N	N	2,000	20	<100	500	2,000	>2,000	N

Table 5.--Latitudes and longitudes of samples not appearing on Plate 1

[C = heavy-mineral-concentrate]

Stream-sediment Sample	Latitude	Longitude
0005,C	62 0 12	147 17 57
0015,C	62 1 4	147 55 18
0016	62 0 34	147 49 4
0025,C	62 0 53	147 35 45
0054,C	61 44 55	146 59 56
0160,C	62 0 53	148 10 40
0317,C	62 1 11	147 53 7
0452,C	62 0 12	148 22 17
0453,C	62 0 30	148 14 31
0613,C	62 1 7	147 54 15
0614	62 0 47	147 50 46
0625,C	62 0 21	147 42 17
0645	61 44 13	146 59 52
3012,C	62 1 0	149 5 52
3013,C	62 1 48	149 9 10
3127,C	60 58 12	149 20 0
3128,C	60 58 19	149 13 15
3129,C	60 58 40	149 19 0
3151	60 59 52	148 14 34
3161,C	60 59 58	147 16 45
4009,C	62 1 46	149 14 45
4014,C	62 0 42	149 26 30
4111,C	60 59 11	149 9 20
4127,C	60 58 39	149 12 58
4148	60 59 54	148 14 21
5016	62 0 34	149 27 40
5105,C	60 59 48	149 9 41
5123	60 58 27	149 21 0
5124,C	60 58 8	149 17 21
5125	60 59 8	149 20 19