UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Analytical results and sample locality map of the nonmagnetic, heavy-mineral-concentrate samples collected from the eastern part of the Lime Hills quadrangle, Alaska

By

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

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STUDIES RELATED TO AMRAP

The U.S. Geological Survey is required by the Alaska National Interests Lands Conservation Act (Public Law 96-487, 1980) to survey certain Federal lands to determine their mineral potential. Results from the Alaska Mineral Resource Assessment Program (AMRAP) must be made available to the public and submitted to the President and Congress. This report is one of a series of publications that presents geochemical and mineralogical results collected from the mineral assessment study of the Lime Hills 1:250,000 scale quadrangle, Alaska. The geochemical data for nonmagnetic, heavy-mineral-concentrate samples from the eastern portion of the Lime Hills quadrangle are presented in this report.

INTRODUCTION

During the summers of 1987-88, a reconnaissance geochemical survey was conducted in the Lime Hills quadrangle, Alaska (fig. 1). The quadrangle is bounded by latitude 61° N. to 62° N. and by longitude 153° W. to 156° W. The Lime Hills quadrangle comprises approximately 7,000 mi^2 (18,000 km^2), although the area covered by this report represents only the eastern portion of the quadrangle (approx. 4,000 mi^2; 10,000 km^2) that is occupied by the Alaska Range and the Lyman Hills. Therefore, this report presents results of a geochemical survey that is still ongoing, with completion expected in 1991. This interim report is deemed necessary due to the significance of the findings to be presented. In addition, the difference in geologic and physiographic character between the eastern portion of the quadrangle occupied by the Alaska Range and the western portion occupied by the lowlands of the Kuskokwim drainage basin warrants a separate interpretation of the geochemical data collected from each.

The portion of the quadrangle occupied by the Alaska Range is dominated by rugged, north-south trending ridges 4,000 to 7,000 ft (1,200 to 2,100 m) in elevation which rise abruptly from the lower terrain to the west. These ridges connect extremely rugged snowcapped peaks more than 9,000 ft (2,750 m) in elevation, the highest being Mount Hesperus (9,228 ft; 2813 m). Broad glaciated valleys with floors generally less that 3,000 ft (915 m) in elevation lie between the ridges. On the western flank of the range rolling hills and glacial pediments dominate the terrain. Due to the mountainous topography, the Lyman Hills are also included in this report. Vegetation in the Alaska Range and on its flanks varies from barren mountain peaks to arctic tundra in glacial valleys, and northern latitude forest in lower valleys and lowlands west of the Alaska Range.

There is no road access to the Lime Hills quadrangle. The nearest reliable source of supplies is Anchorage, 130 mi (200 km) to the east. Only two sites of year-round habitation are located in the quadrangle, the Lime Village native settlement on the Stony River and the Sparrevohn U.S. Air Force Station in the southwest portion of the area. Improved airstrips capable of accommodating large freight-hauling aircraft (e.g. C-130) are present at each of these sites. Unimproved airstrips and lakes that can accommodate small aircraft occur scattered throughout the quadrangle, though sites for landing in the Alaska Range are few. Approximately 14 percent of the quadrangle lies within the Lake Clark National Park and Preserve and is included in this study.

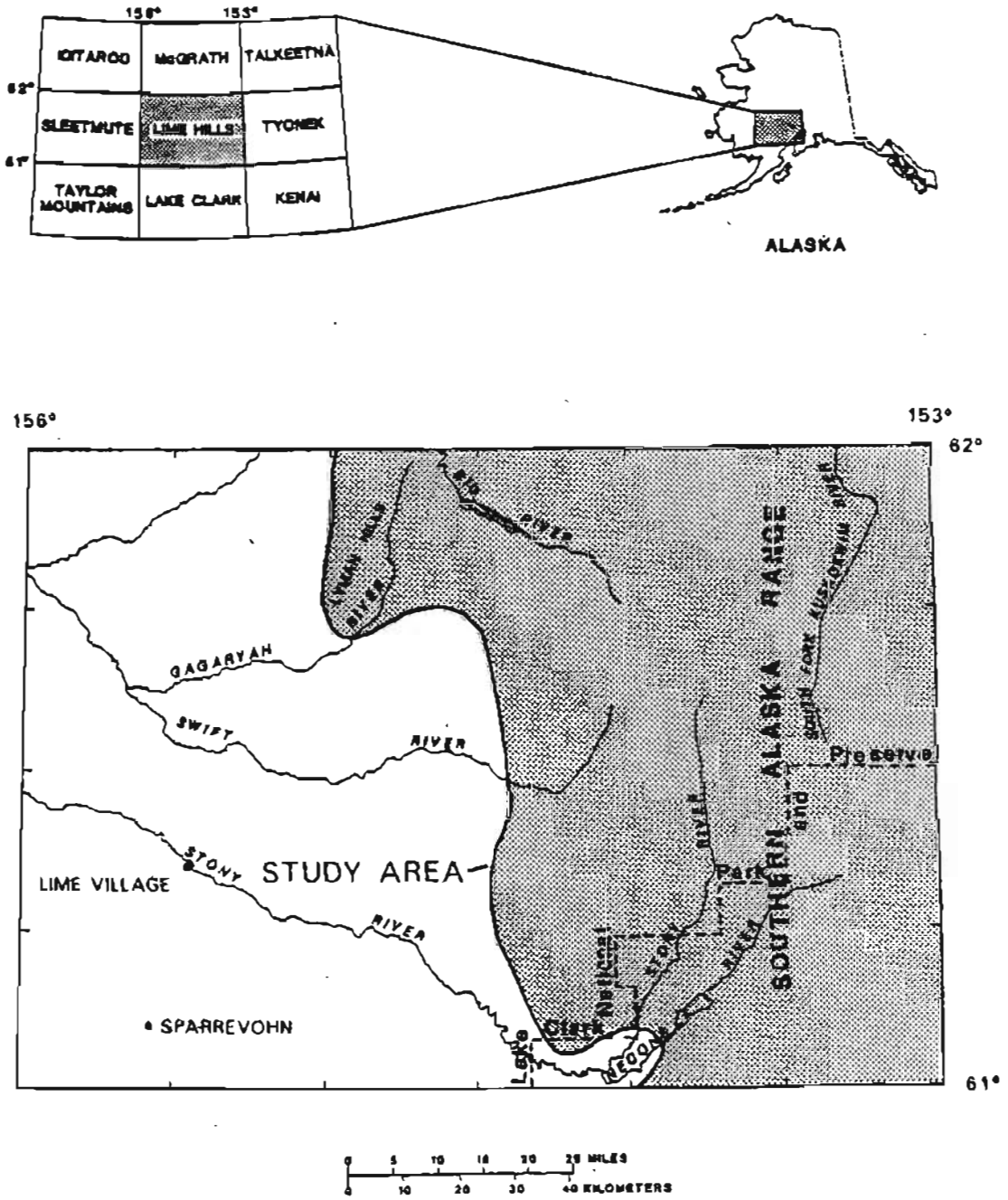

Figure 1. Index map of the Lime Hills quadrangle, Alaska

GENERAL GEOLOGY

Several major geologic features have been identified in the Lime Hills quadrangle including parts of the Dillinger, Nixon Fork, and Kahiltna lithotectonic terranes, the Kuskokwim Group sedimentary rocks and the Alaska-Aluetian batholith.

The Nixon Fork terrane (Jones and others, 1984) is a shallow-water carbonate platform and clastic sequence of Cambrian to Devonian age (Churkin, 1984; Blodgett and Clough, 1985). The Kuskokwim Group (Cady and others, 1955) is a sequence of deep to shallow marine, to non-marine clastic rocks of Early to Late Cretaceous age that unconformably overlie rocks of the Dillinger terrane. The rocks of the Nixon Fork terrane and Kuskokwim Group are present in the southwest portion of the quadrangle and are not included in the area covered by the present survey.

The Dillinger terrane, exposed in the northwest and north-central parts of the quadrangle consists of Cambrian through Devonian sedimentary rocks (Jones and others, 1984). The terrane is represented by a shallowing sequence of graptolitic shale, basinal carbonates, calcareous sandstones with minor chert and conglomerate, deposited in basinal, turbidite fan, and foreslope environments (Churkin, 1984; Bundtzen and others, 1987). The rocks of this terrane were isoclinally folded before the Jurassic period (Reed and Nelson, 1980).

The Kahiltna terrane (Jones and others, 1984) is an Upper Jurassic to Lower Cretaceous flysch sequence that consists dominately of graywacke, phyllite and shale with local lenses of conglomerate. Minor limestone, radiolarian chert and ferruginous sandstone, siltstone and tuff are present. The rocks of this terrane are strongly deformed and isoclinally folded.

The Alaska-Aleutian Range batholith includes rocks formed during three periods of igneous activity (Reed and Lanphere, 1973): a Middle to Late Jurassic period, a Late Cretaceous to early Tertiary period, and a middle Tertiary period. Jurassic plutonic rocks have not been identified in the Lime Hills quadrangle. Cretaceous to Tertiary plutonic rocks consist of an older group of quartz diorite to granodiorite plutons and a younger group of quartz monzonite to granite plutons. Middle tertiary igneous activity consists of quartz monzonite to granite plutons and intermediate to felsic volcanic flows, breccias, and tuffs.

The Denali fault system, a major northeast-trending, strike-slip fault system, occurs in the western portion of the quadrangle. On the Farewell segment of this system, 150 km of right-lateral movement has been interpreted (Blodgett and Clough, 1985). The Denali-Farewell fault system shows evidence of movement as late as Holocene time and may still be active (Bundtzen and others, 1986).

METHODS OF STUDY

Sample Media

Analyses of stream sediment represent the chemistry of rock material eroded from a drainage basin upstream from a sample site. Such information is useful in identifying those basins which contain concentrations of elements that may be related to mineral deposits. Whereas the composition of samples of bulk stream sediment is most reflective of lithologies exposed within a drainage basin, heavy-mineral concentrates of stream sediment are selectively enriched in certain minerals, including many which may be ore-related. This

concentration process permits detection of some elements that are not easily or reliably detected in bulk stream sediment.

Sample Collection

The sampling for this survey included collection of stream-sediment and heavy-mineral-concentrate samples at most sites. This report concerns the 914 concentrate samples that were collected in the study area (plate 1). Geochemical data for stream-sediment samples is presented in Motooka and others (1989). Results of mineralogical analysis of heavy-mineral-concentrate samples for this project are presented in Allen and Slaughter (1989). Geological and geochemical data for rock samples collected from the study area are presented in Allen and others (1989).

Sampling density for the drainage survey is about one sample per 4.5 mi^2 (11.6 km^2). The area of drainage basins sampled ranges from 1 to 10 mi^2 (2.6-26 km^2). Stream sediment and concentrate samples are composites of active alluvium collected primarily from first-order (unbranched) or second-order (below the junction of two first-order) streams as shown on the USGS topographic map of plate 1. In areas of active glaciation, samples were collected from major morraines selected as being representative of portions of the basin above.

Heavy-mineral concentrate samples were collected from bulk sediment which was initially sieved through a 10-mesh (2.0 mm) screen to remove coarse rock and vegetation fragments. Enough material was collected to fill a 16 in. diameter stainless-steel goldpan. A 1-2 lb (0.5-1 kg) bulk sediment sample was removed from the pan and was used as the stream-sediment sample. The remaining material was panned until most quartz, feldspar, organic and clay-sized material was removed. The remaining material was packaged as the heavy-mineral-concentrate sample for additional laboratory preparation.

Sample Preparation

After drying, the heavy-mineral-concentrate samples were sieved through a 20-mesh (1mm) sieve. Bromoform (S.G. 2.85) was used to remove remaining light minerals from the concentrates collected in the field. The resultant heavy-mineral sample was separated into three fractions using an electromagnet. The most magnetic fraction, consisting dominantly of magnetite and ilmenite, and the intermediate magnetic fraction, consisting dominantly of ferromagnesian silicates and oxides, were archived. The nonmagnetic fraction consists dominantly of heavy accessory minerals such as zircon, sphene, and apatite, but also contains most ore minerals when present in a sample. These magnetic separates are the same that would be produced using a Frantz Isodynamic Separator set at a slope of 15 degrees and a tilt of 10 degrees with a current of 0.2 ampere to remove the most magnetic minerals and a current of 0.6 ampere to separate the intermediate and nonmagnetic fractions. The nonmagnetic fraction was split using a riffle splitter, and one part was used for mineralogical analysis, and the other split for chemical analysis. The split for chemical analysis was pulverized (approx. 200 mesh; 63 µm) by hand using an agate mortar and pestle.

Sample Analysis

The pulverized nonmagnetic, heavy-mineral-concentrate samples were analysed for 38 elements using semiquantitative, direct-current-arc, emission

spectrographic methods (Grimes and Marranzino, 1968; Myers and others, 1961). Spectrographic results were determined by visually comparing spectra derived from the sample against spectra obtained from laboratory reference standards. Standard concentrations are geometrically spaced over any given order of magnitude of concentration such that values reported for each sample are reported in the geometric sequence 10, 15, 20, 30, 50, 70, 100 etc. The elements determined and their limits of determination are listed in table 1. The precision of the Grimes and Marranzino (1968) method is plus or minus one reporting interval at 83 percent, or two intervals at 96 percent confidence (Motooka and Grimes, 1976). The precision of the Myers and others (1961) method is plus or minus one interval at 68 percent, or two intervals at 95 percent confidence. The results of these analyses are presented in table 2.

DATA STORAGE SYSTEM

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

DESCRIPTION OF DATA TABLE

Table 2 contains the analytical results for the nonmagnetic, heavy-mineral concentrate samples. The data are arranged such that the first column contains the USGS-assigned sample numbers. These numbers correspond to those shown on plate 1, but without the "LH" prefix and "C" suffix. The designation "s" on element heading indicates spectrographic analysis. The letter "N" in the table indicates that an element was looked for but not observed. If an element was observed but was below the lowest reporting value, a "less than" symbol (<) was entered in the table in front of the lower limit of determination. If an element was observed but was above the upper reporting value, a "greater than" symbol (>) was entered in the table in front of the upper limit of determination. Because of the formatting used in the computer program that produced table 2, some of the elements listed in this table (Fe, Mg, Ca, Na, Ti, P, and Ag) carry one or more nonsignificant zeros to the right of the significant digits. The analyst did not determine these elements to the accuracy suggested by the extra zeros. Values determined for the major elements, Fe, Mg, Ca, Na, Ti, and P are given in weight percent; all others are in parts per million (micrograms/gram). The analyses for palladium were all below the lower limit of determination, and are not included in table 2.

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TABLE 1.--Limits of determination for the spectrographic analysis of heavy-mineral concentrate samples, based on 5-mg sample

[The values shown are the limits of determination assigned by the Grimes and Marranzino (1968) method, except for uranium values which are assigned by Myers and others (1961)]

Element	Lower determination limit	Upper determination limit
	Percent	
Iron (Fe)	0.1	50
Magnesium (Mg)	0.05	20
Calcium (Ca)	0.1	50
Sodium (Na)	0.5	10
Titanium (Ti)	0.005	2
Phosphorus (P)	0.5	20
	Parts per million	
Silver (Ag)	1	10,000
Arsenic (As)	500	20,000
Gold (Au)	20	1,000
Boron (B)	20	5,000
Barium (Ba)	50	10,000
Beryllium (Be)	2	2,000
Bismuth (Bi)	20	2,000
Cadmium (Cd)	50	1,000
Cobalt (Co)	20	5,000
Chromium (Cr)	20	10,000
Copper (Cu)	10	50,000
Gallium (Ga)	10	200
Germanium (Ge)	20	200
Lanthanum (La)	100	2,000
Manganese (Mn)	20	10,000
Molybdenum (Mo)	10	5,000
Niobium (Nb)	50	5,000
Nickel (Ni)	10	10,000
Lead (Pb)	20	50,000
Palladium (Pd)	5	1,000
Platinum (Pt)	20	1,000
Antimony (Sb)	200	20,000
Scandium (Sc)	10	200
Tin (Sn)	20	2,000
Strontium (Sr)	200	10,000
Thorium (Th)	200	5,000
Uranium (U)	1000	200,000
Vanadium (V)	20	20,000
Tungsten (W)	50	20,000
Yttrium (Y)	20	5,000
Zinc (Zn)	500	20,000
Zirconium (Zr)	20	2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA

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

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH0001C	61 41 26	153 36 46	1.00	.10	1.00	<.5	1.000	N	N	N
LH0003C	61 42 58	153 44 18	2.00	<.05	.70	.5	.200	.7	5.0	1,500
LH0004C	61 32 11	153 27 4	5.00	.30	3.00	.5	>2.000	3.0	5.0	700
LH0005C	61 29 41	153 29 23	5.00	.15	10.00	.7	>2.000	5.0	200.0	7,000
LH0006C	61 30 5	153 29 48	2.00	1.50	1.50	.7	>2.000	1.0	7.0	500
LH0007C	61 29 39	153 23 33	3.00	.10	20.00	1.0	.300	7.0	10.0	5,000
LH0008C	61 28 23	153 23 8	1.00	<.05	15.00	.7	>2.000	5.0	5.0	700
LH0009C	61 31 59	153 21 54	.50	<.05	20.00	.7	2.000	15.0	10.0	N
LH0010C	61 30 32	153 18 22	5.00	.20	10.00	1.0	>2.000	1.5	15.0	1,500
LH0011C	61 31 41	153 18 0	3.00	<.05	5.00	3.0	.070	.7	15.0	7,000
LH0012C	61 34 21	153 23 28	1.00	.07	7.00	.5	>2.000	5.0	700.0	2,000
LH0013C	61 37 51	153 22 16	7.00	.07	20.00	.5	.700	10.0	500.0	2,000
LH0014C	61 36 22	153 23 9	3.00	.07	30.00	.5	.300	10.0	50.0	>20,000
LH0015C	61 41 31	153 13 43	5.00	.07	15.00	1.0	1.500	2.0	2,000.0	7,000
LH0016C	61 59 52	153 48 22	2.00	.20	10.00	.7	.050	<.5	150.0	3,000
LH0017C	61 58 31	153 46 20	2.00	.20	15.00	.5	.700	3.0	20.0	N
LH0018C	61 59 14	153 44 10	7.00	.15	15.00	.5	1.500	7.0	30.0	20,000
LH0019C	61 59 21	153 40 41	2.00	.30	20.00	.7	1.500	10.0	2.0	1,500
LH0020C	61 58 23	153 37 56	1.00	.15	2.00	<.5	.300	1.5	7.0	N
LH0021C	61 59 56	153 32 37	.50	.10	5.00	N	2.000	5.0	N	N
LH0022C	61 54 36	153 42 6	.20	<.05	3.00	1.0	.300	.5	N	<500
LH0023C	61 52 26	153 41 30	15.00	<.05	1.50	N	1.000	.7	100.0	>20,000
LH0024C	61 52 25	153 44 54	20.00	.05	1.00	.7	.150	1.0	70.0	>20,000
LH0025C	61 52 33	153 44 47	20.00	.05	1.00	.7	.070	1.0	100.0	>20,000
LH0026C	61 54 23	153 32 37	1.50	.30	5.00	.7	2.000	3.0	100.0	15,000
LH0027C	61 52 13	153 33 3	7.00	.15	2.00	.3	>2.000	2.0	50.0	>20,000
LH0028C	61 50 21	153 37 50	2.00	.15	10.00	1.5	2.000	3.0	30.0	3,000
LH0029C	61 45 48	153 38 47	1.50	.07	7.00	.7	1.000	2.0	200.0	15,000
LH0030C	61 46 55	153 43 3	10.00	.10	3.00	1.0	1.000	1.0	100.0	>20,000
LH0031C	61 47 57	153 44 33	2.00	.30	20.00	1.0	>2.000	5.0	50.0	15,000
LH0032C	61 48 2	153 49 57	.50	<.05	2.00	1.0	.500	.5	100.0	5,000
LH0033C	61 45 47	153 47 49	.30	<.05	1.00	1.5	.070	.7	N	N
LH0034C	61 49 50	153 34 38	15.00	.70	7.00	.7	>2.000	3.0	100.0	>20,000
LH0035C	61 45 6	153 32 29	2.00	.15	10.00	.5	>2.000	5.0	10.0	<500
LH0036C	61 53 22	153 26 39	2.00	.15	7.00	.5	1.500	3.0	5.0	7,000
LH0037C	61 50 2	153 18 35	.70	.10	10.00	2.0	.500	3.0	N	N
LH0038C	61 53 0	153 19 36	2.00	.07	10.00	1.0	.300	3.0	N	N
LH0039C	61 55 42	153 11 49	1.00	.15	10.00	.7	>2.000	7.0	N	N
LH0040C	61 54 53	153 24 54	5.00	.20	5.00	.7	.500	.7	30.0	7,000
LH0041C	61 59 44	153 20 51	.50	.10	15.00	1.0	.500	5.0	N	N
LH0042C	61 59 19	153 15 58	1.50	.07	10.00	.5	2.000	3.0	N	700
LH0043C	61 59 10	153 23 49	.50	.07	30.00	1.5	.200	20.0	N	N
LH0044C	61 59 13	153 23 58	.50	.07	30.00	1.0	.300	20.0	N	N
LH0045C	61 58 37	153 26 46	.50	.07	30.00	1.0	.200	20.0	N	N
LH0046C	61 46 1	153 22 47	7.00	.30	10.00	.7	1.000	5.0	5.0	N
LH0047C	61 41 30	153 27 21	7.00	.20	3.00	.7	>2.000	3.0	200.0	3,000
LH0048C	61 35 1	153 27 24	.50	.07	2.00	.7	>2.000	3.0	N	N
LH0049C	61 28 45	153 1 2	10.00	.15	5.00	1.5	1.500	3.0	200.0	3,000
LH0050C	61 28 50	153 0 43	.70	.07	30.00	1.5	>2.000	3.0	5.0	500
LH0051C	61 20 19	153 1 42	.30	<.05	1.50	1.5	.150	1.0	20.0	1,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH0001C	N	30	7,000	N	N	N	N	150	15
LH0003C	N	20	3,000	N	150	N	<20	N	20
LH0004C	N	70	5,000	3	N	N	50	300	150
LH0005C	200	50	7,000	2	300	N	30	50	100
LH0006C	N	>5,000	700	3	1,500	N	N	500	30
LH0007C	N	200	700	N	N	N	70	<20	30
LH0008C	N	<20	7,000	5	N	N	20	<20	10
LH0009C	N	N	>10,000	N	30	N	N	70	20
LH0010C	N	20	700	3	500	N	200	30	200
LH0011C	N	N	>10,000	N	500	N	70	<20	30
LH0012C	30	N	>10,000	N	2,000	N	<20	300	20
LH0013C	N	N	>10,000	N	700	N	70	30	200
LH0014C	N	N	>10,000	N	150	N	100	<20	50
LH0015C	70	N	>10,000	10	300	N	<20	<20	100
LH0016C	N	70	>10,000	15	70	50	<20	<20	150
LH0017C	N	20	>10,000	N	<20	N	<20	20	30
LH0018C	N	100	>10,000	N	<20	N	100	20	70
LH0019C	N	50	>10,000	N	N	N	20	70	50
LH0020C	N	20	>10,000	N	N	N	<20	<20	30
LH0021C	N	500	2,000	5	N	N	0	50	20
LH0022C	N	N	500	3	N	N	N	<20	10
LH0023C	N	N	100	2	700	N	2,000	<20	150
LH0024C	N	N	150	N	200	N	700	<20	150
LH0025C	N	N	150	N	200	N	700	<20	150
LH0026C	100	1,000	3,000	3	2,000	N	200	150	20
LH0027C	70	N	>10,000	N	50	N	70	<20	100
LH0028C	N	50	2,000	3	700	N	200	70	50
LH0029C	1,000	<20	>10,000	N	N	N	30	30	15
LH0030C	150	50	3,000	N	20	N	300	30	50
LH0031C	150	700	1,000	2	20	N	150	30	150
LH0032C	N	N	200	3	200	N	N	N	15
LH0033C	N	70	2,000	3	N	N	N	<20	<10
LH0034C	N	100	>10,000	N	30	N	100	200	2,000
LH0035C	N	50	>10,000	N	N	N	20	200	70
LH0036C	N	70	>10,000	N	300	N	200	50	50
LH0037C	N	20	1,000	N	N	N	N	20	20
LH0038C	N	N	>10,000	3	N	N	N	<20	<10
LH0039C	N	50	>10,000	N	N	N	<20	100	50
LH0040C	70	30	>10,000	N	70	N	300	20	70
LH0041C	N	N	>10,000	N	N	N	<20	<20	<10
LH0042C	N	N	>10,000	N	N	N	<20	30	150
LH0043C	N	N	300	N	N	N	N	<20	<10
LH0044C	N	N	150	N	N	N	N	<20	<10
LH0045C	N	N	150	N	N	N	N	<20	10
LH0046C	N	150	>10,000	N	1,000	N	30	70	700
LH0047C	<20	N	>10,000	2	<20	N	30	50	500
LH0048C	N	20	>10,000	N	N	N	<20	30	10
LH0049C	N	N	>10,000	N	150	N	20	<20	150
LH0050C	N	N	150	3	30	N	N	<20	10
LH0051C	N	N	500	3	300	N	30	<20	<10

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Ni ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH0001C	30	N	100	150	N	50	<10	N	N	N
LH0003C	N	N	N	70	70	<50	<10	200	N	N
LH0004C	10	N	150	700	15	200	50	70	N	N
LH0005C	15	N	200	1,000	N	70	10	10,000	N	<200
LH0006C	20	N	100	200	N	100	10	200	N	<200
LH0007C	10	N	1,000	300	N	<50	10	1,000	N	N
LH0008C	<10	N	500	200	N	50	<10	700	N	300
LH0009C	10	N	300	700	N	70	<10	7,000	N	N
LH0010C	30	<20	150	1,500	15	50	<10	700	N	N
LH0011C	15	N	N	150	100	<50	10	3,000	N	N
LH0012C	N	N	100	200	N	150	10	5,000	N	N
LH0013C	N	N	700	300	150	<50	50	>50,000	N	N
LH0014C	N	N	700	500	N	<50	20	7,000	N	N
LH0015C	<10	N	200	300	1,500	50	<10	>50,000	N	N
LH0016C	<10	N	500	100	70	<50	N	30,000	N	300
LH0017C	<10	N	N	150	N	<50	20	3,000	N	N
LH0018C	N	N	N	100	N	<50	200	7,000	N	<200
LH0019C	<10	N	N	200	N	<50	30	500	N	N
LH0020C	N	N	150	150	N	<50	10	1,000	N	N
LH0021C	N	N	300	150	50	<50	N	150	N	N
LH0022C	<10	N	N	70	150	<50	N	700	N	N
LH0023C	N	N	N	50	300	70	1,000	5,000	N	N
LH0024C	<10	N	N	70	150	<50	300	3,000	N	N
LH0025C	<10	N	N	70	50	<50	200	3,000	N	<200
LH0026C	10	N	200	500	N	100	300	500	N	<200
LH0027C	N	N	N	150	N	70	20	2,000	N	300
LH0028C	15	N	300	500	30	100	20	300	N	N
LH0029C	<10	N	100	150	50	100	30	1,500	N	1,000
LH0030C	<10	N	150	100	100	150	500	2,000	N	<200
LH0031C	<10	N	150	1,000	N	150	150	1,000	N	N
LH0032C	<10	N	N	100	300	50	N	1,000	N	N
LH0033C	<10	N	N	100	30	<50	N	70	N	N
LH0034C	10	N	300	500	20	<50	100	7,000	N	<200
LH0035C	<10	<20	300	300	N	100	20	200	N	300
LH0036C	10	<20	150	300	30	50	100	50	N	N
LH0037C	15	N	200	300	N	<50	<10	20	N	N
LH0038C	15	N	150	700	N	<50	N	70	N	N
LH0039C	10	N	150	500	N	50	20	300	N	N
LH0040C	<10	N	150	200	70	100	300	70	N	N
LH0041C	<10	N	500	150	N	<50	<10	N	N	N
LH0042C	<10	N	200	200	N	<50	10	700	N	N
LH0043C	<10	N	1,500	300	N	<50	<10	N	N	N
LH0044C	<10	N	1,500	300	N	<50	<10	N	N	N
LH0045C	<10	N	1,500	300	N	<50	<10	700	N	N
LH0046C	30	N	300	500	N	<50	30	30	N	N
LH0047C	15	N	150	150	N	70	30	1,500	N	N
LH0048C	<10	N	150	150	N	200	10	20	N	300
LH0049C	10	N	300	500	100	50	10	5,000	N	N
LH0050C	15	N	700	500	30	150	<10	300	N	N
LH0051C	10	N	100	150	100	<50	<10	500	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH0001C	<10	N	<200	N	N	200	100	150	N	>2,000
LH0003C	50	150	N	2,000	2,000	N	500	1,000	N	>2,000
LH0004C	100	100	1,500	N	N	700	10,000	200	N	>2,000
LH0005C	30	50	300	N	N	150	3,000	200	N	>2,000
LH0006C	100	1,000	200	N	N	700	500	200	N	>2,000
LH0007C	30	N	300	200	N	20	300	700	N	>2,000
LH0008C	70	150	200	N	N	70	150	500	1,000	>2,000
LH0009C	20	N	700	N	N	70	2,000	300	N	>2,000
LH0010C	70	300	300	N	N	100	200	500	N	>2,000
LH0011C	15	2,000	200	N	N	N	150	300	N	>2,000
LH0012C	70	30	1,000	N	N	300	>20,000	150	N	>2,000
LH0013C	30	2,000	700	N	N	70	700	500	N	>2,000
LH0014C	20	1,500	700	200	N	20	200	500	N	>2,000
LH0015C	30	>2,000	300	N	N	20	300	500	700	>2,000
LH0016C	N	1,500	300	700	<1,000	N	100	1,500	3,000	>2,000
LH0017C	10	N	5,000	N	N	30	N	200	1,500	>2,000
LH0018C	10	N	3,000	N	N	30	200	200	700	>2,000
LH0019C	15	300	3,000	<200	N	70	70	300	1,500	>2,000
LH0020C	N	500	7,000	700	<1,000	<20	50	200	N	>2,000
LH0021C	70	>2,000	N	>5,000	7,000	70	1,000	1,500	N	>2,000
LH0022C	50	>2,000	N	>5,000	7,000	N	300	1,500	N	>2,000
LH0023C	20	>2,000	N	>5,000	5,000	N	>20,000	700	N	>2,000
LH0024C	15	500	N	500	N	N	300	300	N	>2,000
LH0025C	15	700	N	500	N	N	300	300	N	>2,000
LH0026C	50	>2,000	200	3,000	2,000	150	10,000	700	N	>2,000
LH0027C	20	150	1,000	300	N	70	500	200	N	>2,000
LH0028C	50	>2,000	200	700	1,000	70	>20,000	500	N	>2,000
LH0029C	10	20	3,000	N	N	30	>20,000	200	N	>2,000
LH0030C	<10	N	200	N	N	20	>20,000	150	N	>2,000
LH0031C	30	>2,000	500	300	N	70	>20,000	300	N	>2,000
LH0032C	70	>2,000	N	>5,000	5,000	N	1,500	1,500	N	>2,000
LH0033C	100	150	<200	1,500	3,000	N	700	1,500	N	>2,000
LH0034C	20	1,500	700	N	N	70	200	200	N	>2,000
LH0035C	30	N	2,000	N	N	200	50	300	2,000	>2,000
LH0036C	20	200	1,500	1,500	1,000	70	15,000	300	N	>2,000
LH0037C	10	N	700	N	N	20	50	200	N	>2,000
LH0038C	50	300	200	N	N	<20	100	500	N	>2,000
LH0039C	20	N	3,000	N	N	100	N	300	N	>2,000
LH0040C	15	200	2,000	500	N	20	>20,000	300	N	>2,000
LH0041C	10	150	1,500	N	N	20	300	500	N	>2,000
LH0042C	20	N	2,000	N	N	70	N	200	N	>2,000
LH0043C	20	300	300	N	N	70	300	1,000	N	>2,000
LH0044C	30	300	500	N	N	70	150	1,000	N	>2,000
LH0045C	15	N	300	N	N	100	N	700	N	>2,000
LH0046C	15	>2,000	700	N	N	150	300	150	1,500	>2,000
LH0047C	30	>2,000	500	N	N	150	2,000	100	700	>2,000
LH0048C	70	150	500	N	N	100	50	150	N	>2,000
LH0049C	30	>2,000	300	N	N	20	5,000	200	1,000	>2,000
LH0050C	70	2,000	200	500	<1,000	<20	100	1,500	N	>2,000
LH0051C	70	1,500	<200	1,500	3,000	<20	500	1,500	N	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH0052C	61 26 57	153 9 20	5.00	.70	2.00	1.0	.300	2.0	30.0	N
LH0053C	61 27 27	153 8 3	1.00	.07	2.00	1.0	.300	1.5	15.0	N
LH0054C	61 24 53	153 11 42	2.00	<.05	.70	1.5	1.000	.5	2.0	1,500
LH0055C	61 28 7	153 15 58	3.00	.70	10.00	1.5	.700	5.0	20.0	N
LH0056C	61 25 56	153 20 50	7.00	.05	2.00	.7	>2.000	1.5	15.0	2,000
LH0057C	61 25 58	153 20 13	3.00	.10	7.00	1.0	>2.000	1.0	N	500
LH0058C	61 21 4	153 18 48	7.00	.05	1.50	.7	1.000	.5	150.0	<500
LH0059C	61 22 35	153 18 13	3.00	.20	2.00	1.0	1.000	1.5	100.0	N
LH0060C	61 23 46	153 16 39	1.00	.10	1.50	1.0	.300	2.0	50.0	N
LH0061C	61 24 46	153 16 31	.20	<.05	.70	1.5	.070	.7	2.0	N
LH0062C	61 19 16	153 9 20	3.00	.30	15.00	.7	.500	3.0	N	5,000
LH0063C	61 21 31	153 7 40	1.00	.15	20.00	1.5	.500	7.0	20.0	1,500
LH0064C	61 21 36	153 7 42	.50	<.05	2.00	1.5	.300	5.0	15.0	1,000
LH0065C	61 19 18	153 9 28	.30	<.05	1.00	1.5	.150	1.0	50.0	<500
LH0066C	61 15 21	153 3 34	.30	<.05	.70	2.0	.150	.5	70.0	<500
LH0067C	61 35 4	153 0 9	.70	<.05	15.00	.7	.300	1.5	10.0	1,500
LH0069C	61 17 27	153 5 14	.20	<.05	3.00	2.0	.100	1.5	N	N
LH0070C	61 16 45	153 10 14	1.50	.20	3.00	1.5	.700	1.5	N	N
LH0071C	61 16 5	153 15 15	.50	<.05	3.00	1.5	.300	2.0	30.0	N
LH0072C	61 15 4	153 17 48	1.50	<.05	1.00	2.0	.300	.5	100.0	500
LH0073C	61 11 1	153 16 37	.30	.20	1.50	1.0	.300	1.0	N	N
LH0074C	61 8 38	153 14 25	.30	.05	1.00	1.5	.100	.7	N	N
LH0075C	61 8 35	153 14 12	.15	<.05	.70	1.0	.200	.7	20.0	N
LH0076C	61 8 35	153 9 22	.30	<.05	2.00	2.0	.300	1.5	15.0	N
LH0077C	61 13 37	153 12 31	.15	<.05	1.50	1.5	.200	1.5	N	N
LH0078C	61 13 32	153 12 24	7.00	<.05	1.00	1.5	.200	.5	300.0	1,500
LH0079C	61 11 57	153 3 9	.20	<.05	1.50	1.5	.100	2.0	3.0	N
LH0080C	61 9 3	153 0 9	.50	.10	20.00	1.5	.200	20.0	5.0	N
LH0081C	61 7 31	153 1 33	.50	.07	15.00	1.5	.700	5.0	2.0	N
LH0082C	61 5 47	153 8 46	.50	<.05	.70	1.5	.200	.5	2.0	N
LH0083C	61 1 7	153 6 32	.70	<.05	3.00	2.0	.300	1.5	N	N
LH0084C	61 1 56	153 7 38	2.00	<.05	.50	1.5	.070	N	7.0	N
LH0085C	61 4 56	153 18 9	.20	<.05	1.50	1.0	.150	1.0	N	N
LH0086C	61 56 49	154 1 12	.50	.07	20.00	.7	.070	.5	2.0	700
LH0087C	61 57 44	153 57 21	3.00	.30	20.00	2.0	.500	.7	20.0	1,500
LH0088C	61 57 32	153 54 28	7.00	.15	20.00	.7	.150	N	200.0	10,000
LH0089C	61 57 19	153 54 40	50.00	.05	<.10	<.5	.100	N	20.0	700
LH0090C	61 58 32	154 6 6	.50	<.05	15.00	.7	.050	N	N	700
LH0091C	61 58 38	154 6 7	.50	<.05	15.00	.5	.100	N	5.0	700
LH0092C	61 56 39	154 11 11	15.00	.30	15.00	.7	.300	2.0	3.0	700
LH0093C	61 54 2	154 8 27	3.00	.15	15.00	<.5	.150	N	N	N
LH0094C	61 54 4	154 8 7	2.00	.15	10.00	.7	.150	2.0	N	N
LH0095C	61 55 39	154 5 12	3.00	.50	20.00	1.0	.070	7.0	7.0	N
LH0096C	61 53 58	153 59 57	3.00	.70	20.00	.7	.200	7.0	200.0	1,500
LH0097C	61 54 16	153 56 53	30.00	.30	3.00	<.5	.150	N	150.0	20,000
LH0098C	61 57 46	154 22 8	3.00	1.50	20.00	1.0	1.500	1.0	5.0	7,000
LH0099C	61 57 6	154 23 35	3.00	5.00	20.00	2.0	.700	N	5.0	500
LH0100C	61 42 44	153 46 52	.20	<.05	1.00	.7	.300	.5	N	N
LH0101C	61 43 0	153 43 50	.50	.15	1.50	<.5	.300	1.5	N	N
LH0102C	61 42 56	153 43 1	2.00	.20	15.00	1.5	.700	2.0	100.0	1,500

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH0052C	N	N	700	5	70	N	<20	70	150
LH0053C	N	N	700	N	1,500	N	N	<20	30
LH0054C	N	N	5,000	N	200	N	<20	<20	20
LH0055C	N	N	700	5	>2,000	N	<20	20	300
LH0056C	20	N	3,000	3	N	N	<20	<20	20
LH0057C	N	N	700	7	N	N	<20	30	20
LH0058C	N	N	300	5	500	200	30	<20	3,000
LH0059C	N	N	300	5	>2,000	N	20	<20	300
LH0060C	N	N	300	3	150	N	20	<20	50
LH0061C	N	N	200	N	700	N	N	<20	15
LH0062C	N	300	2,000	3	30	N	150	<20	200
LH0063C	N	30	700	3	70	N	100	<20	20
LH0064C	N	30	300	3	700	N	<20	<20	10
LH0065C	N	N	300	N	500	N	N	<20	<10
LH0066C	N	N	300	N	200	N	N	<20	<10
LH0067C	N	N	100	7	700	N	<20	<20	20
LH0069C	N	N	1,000	3	150	N	N	<20	<10
LH0070C	N	N	700	3	N	N	N	20	50
LH0071C	N	30	300	N	200	N	N	<20	<10
LH0072C	N	N	300	N	700	N	N	<20	<10
LH0073C	N	N	200	N	30	N	N	<20	<10
LH0074C	N	N	300	7	700	N	N	<20	<10
LH0075C	N	N	300	N	1,000	700	N	<20	15
LH0076C	N	20	300	N	2,000	N	N	<20	<10
LH0077C	N	20	150	N	100	N	N	<20	<10
LH0078C	N	N	300	N	1,000	N	<20	<20	20
LH0079C	N	N	700	N	1,000	100	N	<20	30
LH0080C	N	N	300	50	300	N	N	<20	10
LH0081C	N	N	150	N	200	N	N	<20	<10
LH0082C	N	N	300	3	150	N	N	<20	10
LH0083C	N	N	1,000	N	N	N	50	<20	10
LH0084C	N	N	>10,000	N	30	N	<20	<20	20
LH0085C	N	N	3,000	N	N	50	N	<20	<10
LH0086C	N	20	>10,000	7	N	<50	50	<20	10
LH0087C	N	3,000	>10,000	N	50	N	30	20	30
LH0088C	N	100	3,000	10	100	N	150	<20	30
LH0089C	N	N	500	N	100	N	500	<20	150
LH0090C	N	N	70	20	70	N	30	<20	<10
LH0091C	N	N	70	10	200	N	100	<20	10
LH0092C	N	100	>10,000	N	N	N	150	50	300
LH0093C	N	N	>10,000	N	N	N	<20	<20	15
LH0094C	N	N	>10,000	N	N	N	<20	<20	20
LH0095C	N	150	>10,000	N	N	N	<20	<20	15
LH0096C	N	150	>10,000	N	70	N	20	<20	20
LH0097C	N	N	7,000	N	150	N	300	<20	150
LH0098C	N	50	>10,000	3	100	N	30	30	30
LH0099C	N	50	1,000	3	N	N	<20	100	30
LH0100C	N	N	300	N	N	N	N	<20	<10
LH0101C	N	N	7,000	N	N	N	N	30	<10
LH0102C	N	1,500	>10,000	2	N	N	<20	30	20

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Ni ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH0052C	20	N	1,500	5,000	700	<50	<10	2,000	N	N
LH0053C	<10	100	<100	200	150	<50	<10	500	N	N
LH0054C	10	N	N	150	150	<50	<10	700	N	N
LH0055C	30	N	1,000	2,000	300	50	<10	1,500	N	N
LH0056C	<10	N	200	200	30	<50	<10	1,500	N	N
LH0057C	50	N	150	700	15	100	<10	150	N	N
LH0058C	20	N	1,500	1,000	200	<50	<10	5,000	N	N
LH0059C	15	N	1,500	3,000	200	70	<10	1,500	N	N
LH0060C	10	N	1,500	700	700	<50	<10	3,000	N	N
LH0061C	<10	N	N	150	100	<50	<10	500	N	N
LH0062C	30	N	100	1,000	150	<50	10	500	N	N
LH0063C	20	N	300	500	N	<50	10	2,000	N	N
LH0064C	10	N	150	150	50	<50	<10	3,000	N	N
LH0065C	10	N	100	150	100	<50	<10	1,000	N	N
LH0066C	10	N	N	100	200	<50	<10	300	N	N
LH0067C	<10	N	150	150	70	<50	<10	1,500	N	N
LH0069C	15	N	100	150	150	50	<10	70	N	N
LH0070C	15	N	1,500	700	700	50	<10	100	N	N
LH0071C	10	N	150	300	300	50	<10	200	N	N
LH0072C	10	N	N	150	500	<50	<10	500	N	N
LH0073C	<10	N	150	150	50	<50	<10	N	N	N
LH0074C	<10	N	N	100	150	<50	N	200	N	N
LH0075C	<10	N	N	150	150	<50	N	700	N	N
LH0076C	15	N	150	200	150	<50	<10	1,000	N	N
LH0077C	<10	N	150	150	30	<50	N	70	N	N
LH0078C	<10	N	N	150	500	<50	<10	1,500	N	N
LH0079C	<10	N	N	150	50	N	<10	1,500	N	N
LH0080C	15	N	100	1,500	N	<50	<10	<20	N	N
LH0081C	10	N	700	700	700	50	<10	200	N	N
LH0082C	<10	N	150	150	30	<50	N	200	N	N
LH0083C	15	N	150	150	200	50	N	20	N	N
LH0084C	<10	N	N	70	50	<50	N	1,500	N	N
LH0085C	<10	N	100	100	20	<50	N	500	N	N
LH0086C	<10	N	200	70	15	<50	<10	500	N	N
LH0087C	20	N	N	150	50	<50	10	7,000	N	N
LH0088C	<10	N	700	100	50	<50	30	5,000	N	N
LH0089C	<10	N	N	50	50	<50	500	200	N	N
LH0090C	N	N	300	70	100	<50	N	300	N	N
LH0091C	N	N	300	70	100	<50	N	2,000	N	N
LH0092C	<10	N	150	150	20	<50	200	200	N	N
LH0093C	N	N	N	150	N	<50	10	50	N	N
LH0094C	N	N	N	100	N	<50	10	150	N	N
LH0095C	<10	N	150	200	15	<50	10	1,500	N	N
LH0096C	<10	N	N	200	20	<50	20	15,000	N	<200
LH0097C	<10	N	N	100	300	<50	200	15,000	N	<200
LH0098C	15	N	N	200	100	50	<10	1,500	N	300
LH0099C	20	N	N	500	N	<50	10	150	N	N
LH0100C	N	N	150	70	100	<50	N	200	N	N
LH0101C	N	N	150	150	N	<50	N	N	N	N
LH0102C	20	N	100	150	100	100	10	200	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH0052C	70	700	<200	500	N	70	70	1,500	N	>2,000
LH0053C	<10	700	<200	N	N	<20	70	300	N	>2,000
LH0054C	70	700	<200	1,500	2,000	N	150	1,000	N	>2,000
LH0055C	50	30	300	1,000	1,000	50	300	500	N	>2,000
LH0056C	100	100	<200	N	N	30	N	700	700	>2,000
LH0057C	70	200	<200	200	N	70	N	300	N	>2,000
LH0058C	150	700	<200	1,500	2,000	<20	N	>5,000	10,000	>2,000
LH0059C	150	>2,000	<200	3,000	3,000	20	1,500	5,000	2,000	>2,000
LH0060C	150	500	<200	>5,000	5,000	20	70	3,000	1,000	>2,000
LH0061C	70	700	<200	700	1,500	N	150	3,000	1,500	>2,000
LH0062C	20	20	200	N	N	100	70	300	N	>2,000
LH0063C	15	20	1,500	N	N	70	700	300	N	>2,000
LH0064C	70	1,500	<200	700	2,000	<20	300	1,000	N	>2,000
LH0065C	70	1,000	<200	700	2,000	N	200	1,000	N	>2,000
LH0066C	30	500	<200	N	N	N	500	500	N	>2,000
LH0067C	70	>2,000	<200	500	N	N	150	1,500	700	>2,000
LH0069C	30	500	200	1,500	1,500	<20	15,000	700	N	>2,000
LH0070C	70	200	200	700	1,000	<20	1,000	700	N	>2,000
LH0071C	50	300	200	200	N	<20	1,000	700	N	>2,000
LH0072C	30	N	<200	200	N	<20	500	700	N	>2,000
LH0073C	30	20	<200	200	N	20	150	700	N	>2,000
LH0074C	30	1,000	<200	200	N	<20	1,000	700	1,500	>2,000
LH0075C	70	1,500	N	200	N	N	300	700	10,000	>2,000
LH0076C	70	30	<200	N	N	<20	2,000	700	N	>2,000
LH0077C	150	20	<200	500	1,000	<20	500	1,500	N	>2,000
LH0078C	70	150	<200	N	<1,000	<20	1,000	1,000	N	>2,000
LH0079C	30	1,000	<200	300	N	<20	500	500	7,000	>2,000
LH0080C	<10	50	300	N	N	30	150	700	N	>2,000
LH0081C	30	300	300	<200	N	20	1,000	700	N	>2,000
LH0082C	70	300	<200	200	1,000	N	300	700	N	>2,000
LH0083C	20	N	300	700	N	<20	3,000	300	N	>2,000
LH0084C	30	N	200	N	N	N	300	500	N	>2,000
LH0085C	15	N	<200	N	N	N	700	1,000	2,000	>2,000
LH0086C	N	N	1,000	700	N	<20	N	1,500	700	>2,000
LH0087C	10	N	7,000	N	N	70	500	150	N	>2,000
LH0088C	10	200	200	500	<1,000	<20	100	2,000	1,000	>2,000
LH0089C	N	N	N	N	N	20	70	100	N	>2,000
LH0090C	N	N	<200	700	N	N	200	1,500	N	>2,000
LH0091C	10	200	<200	>5,000	3,000	N	N	1,500	N	>2,000
LH0092C	<10	N	1,500	N	N	70	N	200	1,000	>2,000
LH0093C	N	N	7,000	N	N	20	N	50	N	1,500
LH0094C	<10	N	7,000	N	N	50	N	100	1,000	500
LH0095C	15	N	2,000	<200	N	70	N	700	N	>2,000
LH0096C	10	700	5,000	N	N	150	N	200	N	>2,000
LH0097C	N	N	N	N	N	<20	1,000	300	N	>2,000
LH0098C	15	300	1,500	N	N	150	1,000	100	N	>2,000
LH0099C	20	N	2,000	N	N	200	150	70	N	>2,000
LH0100C	70	N	N	500	1,000	<20	500	1,000	N	>2,000
LH0101C	50	70	<200	500	1,000	20	150	1,000	N	>2,000
LH0102C	<10	N	700	N	N	50	>20,000	100	N	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH0103C	61 42 33	153 41 50	1.00	.20	15.00	1.5	.700	5.0	10.0	N
LH0104C	61 42 57	153 40 40	.70	.05	10.00	.7	.700	3.0	300.0	2,000
LH0105C	61 42 24	153 37 41	.70	.10	15.00	.7	1.000	5.0	100.0	1,000
LH0106C	61 38 9	153 34 41	.30	.05	7.00	<.5	1.500	5.0	500.0	N
LH0107C	61 38 17	153 34 47	7.00	.15	.30	<.5	.200	N	150.0	1,000
LH0108C	61 35 57	153 36 40	1.00	.10	1.00	<.5	.300	1.0	5.0	500
LH0109C	61 36 48	153 30 27	.50	.07	1.50	<.5	>2.000	3.0	200.0	N
LH0110C	61 32 27	153 37 57	3.00	.20	10.00	.7	2.000	5.0	100.0	1,500
LH0115C	61 36 22	153 23 9	7.00	.15	20.00	.7	.500	20.0	100.0	>20,000
LH0116C	61 33 16	153 18 38	7.00	.07	20.00	1.5	.100	7.0	300.0	7,000
LH0117C	61 41 44	153 20 15	1.00	.05	15.00	.7	1.500	5.0	15.0	700
LH0118C	61 39 23	153 15 55	7.00	.15	10.00	.7	>2.000	5.0	200.0	1,500
LH0119C	61 42 19	153 16 46	7.00	1.50	15.00	.7	1.000	1.5	N	2,000
LH0120C	61 30 29	153 8 11	7.00	.10	15.00	1.0	2.000	1.5	50.0	2,000
LH0121C	61 30 39	153 9 9	3.00	.15	7.00	1.5	1.500	2.0	2.0	N
LH0122C	61 32 11	153 7 22	.50	.05	20.00	1.0	.300	20.0	15.0	<500
LH0123C	61 32 22	153 0 34	5.00	<.05	30.00	.7	1.000	1.5	150.0	7,000
LH0124C	61 32 49	153 0 46	.50	<.05	50.00	<.5	2.000	1.0	150.0	1,000
LH0125C	61 32 59	153 0 43	.30	.05	30.00	.7	2.000	7.0	N	N
LH0126C	61 36 26	153 5 37	1.50	.10	15.00	.7	1.500	7.0	20.0	3,000
LH0127C	61 59 59	153 50 38	1.00	1.50	10.00	<.5	.200	3.0	N	N
LH0128C	61 58 1	153 47 12	3.00	.20	20.00	.7	2.000	10.0	10.0	7,000
LH0129C	61 58 0	153 47 42	7.00	.05	2.00	.5	.300	1.0	15.0	20,000
LH0130C	61 59 43	153 43 33	7.00	.30	7.00	.5	.500	.5	N	500
LH0131C	61 59 42	153 40 49	2.00	.15	5.00	<.5	.100	.7	N	N
LH0132C	61 57 57	153 33 41	1.00	.07	20.00	.7	2.000	20.0	50.0	700
LH0133C	61 56 29	153 32 45	7.00	.20	30.00	<.5	1.500	7.0	50.0	7,000
LH0134C	61 55 42	153 38 57	.20	<.05	5.00	N	.100	.7	10.0	700
LH0135C	61 51 41	153 45 12	15.00	.15	3.00	<.5	.700	N	700.0	>20,000
LH0136C	61 51 57	153 46 20	.50	<.05	2.00	N	.300	3.0	15.0	7,000
LH0137C	61 52 2	153 40 40	20.00	.20	3.00	<.5	>2.000	2.0	15.0	>20,000
LH0138C	61 53 7	153 32 52	7.00	5.00	7.00	1.0	.700	1.0	N	2,000
LH0139C	61 48 56	153 41 0	2.00	1.00	1.00	<.5	.200	N	N	<500
LH0140C	61 22 5	153 18 37	5.00	.30	2.00	.7	2.000	1.0	20.0	1,000
LH0141C	61 23 9	153 16 57	.30	<.05	.50	1.0	.100	.5	3.0	700
LH0142C	61 23 12	153 6 3	.30	<.05	.50	.5	.070	.7	N	<500
LH0143C	61 19 28	153 9 22	1.00	<.05	1.00	N	.150	1.5	7.0	3,000
LH0144C	61 20 21	153 11 30	.50	<.05	.70	N	.100	1.5	5.0	3,000
LH0145C	61 18 23	153 13 13	10.00	.20	7.00	.7	2.000	3.0	700.0	>20,000
LH0146C	61 19 22	153 1 20	.50	.10	10.00	1.5	.300	3.0	20.0	N
LH0147C	61 33 18	153 12 48	10.00	.70	20.00	.7	1.500	7.0	15.0	500
LH0152C	61 24 35	153 42 53	1.00	.15	15.00	.5	>2.000	1.0	N	500
LH0153C	61 22 21	153 43 18	7.00	.70	20.00	.7	2.000	7.0	N	700
LH0154C	61 21 49	153 37 30	5.00	.20	10.00	1.0	>2.000	2.0	5.0	1,000
LH0155C	61 23 7	153 33 55	30.00	<.05	1.00	<.5	2.000	N	30.0	1,500
LH0156C	61 24 16	153 33 12	15.00	.07	2.00	<.5	1.500	1.5	30.0	>20,000
LH0157C	61 24 24	153 30 53	7.00	<.05	1.00	<.5	.700	.7	2.0	1,000
LH0158C	61 25 26	153 29 22	7.00	.20	10.00	.7	>2.000	1.0	10.0	>20,000
LH0159C	61 25 48	153 35 44	5.00	.30	20.00	1.0	>2.000	1.5	5.0	1,000
LH0160C	61 27 26	153 34 44	7.00	.20	15.00	.7	>2.000	3.0	70.0	1,500

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH0103C	N	700	5,000	2	N	N	<20	100	15
LH0104C	500	500	>10,000	N	<20	N	20	70	15
LH0105C	150	200	>10,000	N	100	N	N	50	15
LH0106C	N	20	>10,000	N	1,500	N	N	30	30
LH0107C	N	30	>10,000	N	30	N	30	150	30
LH0108C	N	30	1,000	3	500	N	30	200	15
LH0109C	N	20	>10,000	N	N	N	<20	30	10
LH0110C	N	50	>10,000	3	200	N	50	70	2,000
LH0115C	20	30	>10,000	N	150	N	150	30	150
LH0116C	N	N	>10,000	N	700	N	300	<20	100
LH0117C	N	N	700	2	700	N	N	<20	15
LH0118C	150	N	>10,000	N	200	N	30	20	70
LH0119C	N	50	500	5	30	N	<20	200	50
LH0120C	N	N	5,000	3	30	N	300	<20	100
LH0121C	N	N	700	7	<50	N	<50	70	70
LH0122C	N	N	1,500	N	100	N	<20	<20	10
LH0123C	N	N	150	N	1,000	N	<20	<20	70
LH0124C	N	N	50	N	200	N	N	<20	10
LH0125C	N	N	<50	2	N	N	N	<20	<10
LH0126C	N	50	200	3	500	N	30	<20	100
LH0127C	N	200	>10,000	N	N	N	N	<20	20
LH0128C	N	500	>10,000	N	150	N	200	70	150
LH0129C	N	50	7,000	2	500	N	700	<20	70
LH0130C	N	50	>10,000	N	N	N	30	50	50
LH0131C	N	<20	>10,000	N	N	N	<20	<20	15
LH0132C	N	20	>10,000	N	700	N	50	50	10
LH0133C	N	20	>10,000	N	200	N	300	20	100
LH0134C	N	N	300	3	500	N	N	N	10
LH0135C	N	300	500	N	>2,000	100	1,500	<20	3,000
LH0136C	N	N	500	N	300	N	70	20	30
LH0137C	N	300	150	N	150	N	2,000	100	500
LH0138C	N	5,000	500	3	N	N	50	1,500	100
LH0139C	N	3,000	100	N	N	N	<20	30	30
LH0140C	N	N	300	10	2,000	100	30	<20	300
LH0141C	N	N	300	3	700	N	N	N	20
LH0142C	N	N	150	3	200	N	N	N	10
LH0143C	N	N	150	3	200	N	N	N	20
LH0144C	N	N	70	3	300	N	N	N	30
LH0145C	N	100	150	2	500	N	70	<20	2,000
LH0146C	N	N	300	N	150	N	N	<20	10
LH0147C	N	N	>10,000	5	100	N	50	70	300
LH0152C	N	N	150	N	N	N	30	100	70
LH0153C	N	100	300	3	70	N	150	20	50
LH0154C	N	70	500	10	N	50	30	70	150
LH0155C	N	N	1,500	3	N	50	50	<20	150
LH0156C	N	300	150	N	500	70	700	30	200
LH0157C	N	N	700	N	N	150	<20	N	30
LH0158C	N	100	1,000	7	N	N	30	150	200
LH0159C	N	300	300	7	N	N	<20	70	300
LH0160C	N	1,000	2,000	10	500	N	50	70	150

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Ni ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH0103C	30	N	150	300	300	200	10	300	N	N
LH0104C	<10	N	100	150	15	100	10	300	N	N
LH0105C	<10	N	150	150	150	150	<10	3,000	N	N
LH0106C	<10	N	<100	150	N	<50	<10	>50,000	N	200
LH0107C	50	N	N	100	N	<50	20	2,000	N	<200
LH0108C	50	N	N	150	15	<50	10	300	N	N
LH0109C	N	N	N	150	N	200	10	700	N	N
LH0110C	20	N	300	700	300	<50	20	30,000	N	N
LH0115C	N	N	1,000	500	N	<50	30	7,000	N	<200
LH0116C	N	N	500	700	N	<50	30	30,000	N	<200
LH0117C	<10	N	300	300	N	50	N	1,000	N	N
LH0118C	<10	N	300	500	N	50	<10	3,000	N	N
LH0119C	50	N	200	2,000	50	50	<10	700	N	N
LH0120C	20	N	300	700	20	50	<10	2,000	N	N
LH0121C	<20	N	200	1,000	N	70	<20	1,500	N	N
LH0122C	<10	N	700	1,000	150	<50	N	2,000	N	N
LH0123C	N	N	300	200	100	100	N	3,000	N	N
LH0124C	<10	N	200	150	500	150	N	1,000	N	N
LH0125C	<10	N	500	700	N	100	N	50	N	N
LH0126C	<10	N	700	1,000	30	50	<10	5,000	N	N
LH0127C	<10	N	<100	150	15	<50	10	100	N	N
LH0128C	<10	N	150	1,000	N	50	300	700	N	700
LH0129C	N	N	100	100	150	50	200	1,500	N	N
LH0130C	<10	N	150	150	N	<50	30	700	N	N
LH0131C	N	N	N	100	N	<50	10	<20	N	N
LH0132C	N	N	700	200	N	<50	10	300	N	N
LH0133C	<10	N	100	200	N	<50	100	10,000	N	<200
LH0134C	N	N	150	70	700	50	N	1,000	N	N
LH0135C	N	N	100	150	500	70	700	10,000	N	<200
LH0136C	N	N	N	100	100	70	20	500	N	N
LH0137C	N	N	N	150	20	70	1,500	1,000	N	<200
LH0138C	15	N	300	1,000	N	<50	50	50	N	N
LH0139C	N	N	300	500	N	<50	<10	N	N	N
LH0140C	20	N	500	3,000	700	50	<10	7,000	N	N
LH0141C	<10	N	N	150	50	<50	N	300	N	N
LH0142C	N	N	N	150	70	<50	N	300	N	N
LH0143C	N	N	300	200	500	<50	<10	700	N	N
LH0144C	N	N	700	300	200	<50	N	150	N	N
LH0145C	<10	N	700	3,000	1,500	<50	<10	40,000	N	N
LH0146C	10	N	300	500	50	<50	<10	150	N	N
LH0147C	30	N	1,500	2,000	70	<50	30	3,000	N	N
LH0152C	<10	N	700	700	50	200	<10	150	N	N
LH0153C	20	N	300	700	50	50	10	50	N	N
LH0154C	20	N	1,500	1,500	30	500	20	1,000	N	N
LH0155C	10	N	150	150	50	50	<10	1,500	N	N
LH0156C	N	N	200	100	N	<50	700	3,000	N	300
LH0157C	N	N	150	100	N	<50	<10	100	N	N
LH0158C	10	N	300	500	50	100	10	1,500	N	<200
LH0159C	50	N	300	1,000	70	100	<10	1,000	N	N
LH0160C	50	N	300	500	50	70	10	2,000	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH0103C	10	N	1,500	N	N	150	>20,000	200	N	>2,000
LH0104C	15	300	1,500	N	N	50	20,000	300	N	>2,000
LH0105C	<10	N	1,500	N	N	30	>20,000	200	N	>2,000
LH0106C	15	1,000	1,500	N	N	50	200	200	N	>2,000
LH0107C	N	700	200	N	N	150	200	30	N	>2,000
LH0108C	N	N	<200	N	N	150	700	100	N	>2,000
LH0109C	50	N	1,500	N	N	70	70	200	N	>2,000
LH0110C	30	N	500	N	N	150	200	300	700	>2,000
LH0115C	15	700	700	N	N	70	200	500	N	>2,000
LH0116C	20	500	1,000	N	N	<20	150	500	1,500	>2,000
LH0117C	30	>2,000	200	N	N	<20	700	500	N	>2,000
LH0118C	50	700	300	N	N	70	50	300	700	>2,000
LH0119C	50	>2,000	700	200	N	300	200	500	N	>2,000
LH0120C	50	1,500	200	N	N	150	300	300	700	>2,000
LH0121C	150	>5,000	<500	500	N	<50	N	1,500	N	>5,000
LH0122C	70	>2,000	700	700	<1,000	<20	3,000	700	N	>2,000
LH0123C	20	>2,000	<200	N	N	N	200	1,500	N	>2,000
LH0124C	20	1,500	<200	N	N	<20	150	2,000	N	>2,000
LH0125C	70	300	500	N	N	N	150	1,500	N	>2,000
LH0126C	70	>2,000	200	1,500	1,000	50	3,000	700	N	>2,000
LH0127C	<10	20	3,000	N	N	100	150	200	N	>2,000
LH0128C	10	30	1,000	N	N	100	150	300	N	>2,000
LH0129C	50	150	N	2,000	3,000	50	3,000	1,000	N	>2,000
LH0130C	10	N	5,000	N	N	50	70	150	1,000	>2,000
LH0131C	N	N	7,000	N	N	20	50	100	N	>2,000
LH0132C	70	700	1,000	N	N	100	300	1,000	N	>2,000
LH0133C	20	>2,000	3,000	N	N	70	1,000	300	N	>2,000
LH0134C	50	>2,000	N	1,500	5,000	N	1,000	1,000	N	>2,000
LH0135C	15	1,000	N	1,500	1,500	50	>20,000	300	3,000	>2,000
LH0136C	100	1,000	N	>5,000	7,000	50	>20,000	1,000	N	>2,000
LH0137C	20	1,500	N	N	N	200	10,000	200	2,000	>2,000
LH0138C	150	70	200	200	N	1,000	N	200	N	>2,000
LH0139C	15	N	<200	N	N	50	N	70	N	500
LH0140C	150	1,500	<200	3,000	5,000	50	150	3,000	3,000	>2,000
LH0141C	150	500	N	3,000	5,000	N	150	2,000	N	>2,000
LH0142C	150	700	N	5,000	5,000	N	150	2,000	N	>2,000
LH0143C	200	700	N	3,000	5,000	N	300	>5,000	N	>2,000
LH0144C	200	1,500	N	2,000	3,000	N	70	>5,000	N	>2,000
LH0145C	150	200	N	1,000	1,000	70	150	1,500	1,500	>2,000
LH0146C	70	700	300	500	N	<20	1,000	700	N	>2,000
LH0147C	100	300	700	700	<1,000	100	70	700	1,500	>2,000
LH0152C	70	700	<200	1,500	1,000	1,000	300	1,500	N	>2,000
LH0153C	30	500	300	500	N	150	1,500	500	N	>2,000
LH0154C	200	70	200	N	N	100	50	500	2,000	>2,000
LH0155C	30	150	N	N	N	<20	N	300	3,000	>2,000
LH0156C	30	1,500	N	200	N	30	200	500	N	>2,000
LH0157C	100	30	N	N	N	N	N	1,000	N	>2,000
LH0158C	70	1,500	<200	N	N	70	150	300	700	>2,000
LH0159C	100	150	200	N	N	150	200	500	N	>2,000
LH0160C	70	150	200	N	N	150	100	300	3,000	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH0161C	61 24 40	153 25 45	10.00	.50	15.00	1.0	1.000	.5	15.0	3,000
LH0162C	61 20 2	153 41 28	7.00	.10	15.00	<.5	.300	1.0	100.0	7,000
LH0163C	61 19 20	153 35 52	3.00	.10	20.00	<.5	.500	.7	15.0	5,000
LH0164C	61 19 27	153 35 49	7.00	.10	15.00	1.0	>2.000	3.0	300.0	500
LH0165C	61 17 11	153 40 36	.50	.10	15.00	.7	1.000	1.0	N	N
LH0166C	61 43 47	153 13 38	5.00	.30	20.00	.7	2.000	5.0	15.0	<500
LH0167C	61 35 9	153 17 9	3.00	.07	30.00	<.5	1.500	20.0	30.0	5,000
LH0168C	61 37 32	153 14 56	1.00	.30	30.00	.7	2.000	20.0	N	500
LH0169C	61 39 1	153 13 39	.20	.05	50.00	.7	.300	1.5	10.0	N
LH0170C	61 44 5	153 7 46	3.00	.70	15.00	1.5	.500	10.0	3.0	N
LH0171C	61 46 48	153 5 3	5.00	.30	15.00	1.0	1.500	7.0	50.0	2,000
LH0172C	61 48 48	153 4 53	5.00	.20	15.00	.7	>2.000	7.0	20.0	<500
LH0173C	61 45 50	153 9 48	2.00	.20	15.00	1.0	1.500	7.0	150.0	5,000
LH0174C	61 46 14	153 11 33	1.00	.50	15.00	1.0	>2.000	10.0	2.0	N
LH0175C	61 47 57	153 13 43	2.00	.50	7.00	.7	2.000	5.0	2.0	N
LH0200C	61 42 37	153 47 33	2.00	.10	7.00	.7	>2.000	3.0	N	N
LH0201C	61 41 44	153 45 32	1.00	.10	50.00	<.5	.070	>20.0	N	N
LH0202C	61 40 31	153 41 40	2.00	.10	10.00	.7	>2.000	7.0	150.0	N
LH0203C	61 39 39	153 42 35	5.00	.07	20.00	1.0	.500	7.0	10.0	500
LH0204C	61 40 49	153 41 1	2.00	.15	15.00	.5	>2.000	7.0	100.0	N
LH0205C	61 42 25	153 35 56	.70	.07	7.00	<.5	2.000	1.5	20.0	N
LH0208C	61 39 46	153 31 24	1.50	.10	7.00	.5	>2.000	5.0	70.0	700
LH0209C	61 38 50	153 31 59	2.00	.15	.50	<.5	.300	<.5	70.0	1,500
LH0210C	61 37 20	153 33 26	10.00	.15	3.00	1.0	>2.000	3.0	100.0	>20,000
LH0211C	61 37 20	153 33 37	.70	.10	1.50	<.5	.300	1.5	30.0	1,000
LH0212C	61 36 3	153 36 42	1.50	.07	1.50	<.5	.500	1.5	N	N
LH0213C	61 36 26	153 30 58	30.00	.20	.20	<.5	.300	N	150.0	>20,000
LH0214C	61 36 21	153 30 46	20.00	.05	2.00	<.5	1.500	3.0	200.0	>20,000
LH0215C	61 32 57	153 36 30	7.00	.50	10.00	1.5	.500	1.5	200.0	<500
LH0216C	61 33 7	153 38 10	1.50	.20	.30	.5	.700	N	N	N
LH0217C	61 32 53	153 34 17	3.00	.15	30.00	.5	.200	7.0	150.0	1,000
LH0218C	61 33 15	153 30 54	15.00	.10	15.00	.7	2.000	5.0	50.0	1,000
LH0219C	61 31 43	153 29 24	15.00	.70	5.00	1.0	>2.000	1.0	30.0	N
LH0220C	61 31 3	153 27 18	5.00	.15	10.00	.7	>2.000	7.0	15.0	5,000
LH0221C	61 36 46	153 25 10	2.00	.15	7.00	.7	>2.000	5.0	N	N
LH0222C	61 29 37	153 29 43	7.00	.10	10.00	.5	>2.000	5.0	70.0	10,000
LH0223C	61 30 5	153 22 36	20.00	.07	3.00	.5	1.000	1.5	100.0	>20,000
LH0224C	61 28 25	153 23 0	7.00	.07	3.00	.7	>2.000	2.0	30.0	1,000
LH0225C	61 30 52	153 22 14	15.00	.30	10.00	.5	1.500	2.0	50.0	10,000
LH0226C	61 30 33	153 18 2	5.00	.20	7.00	1.0	2.000	3.0	N	N
LH0227C	61 33 20	153 18 52	7.00	.05	10.00	.7	.300	7.0	300.0	>20,000
LH0228C	61 33 27	153 21 10	.50	.15	50.00	.5	.200	>20.0	N	N
LH0229C	61 39 16	153 22 4	5.00	.50	15.00	1.0	2.000	3.0	300.0	1,500
LH0230C	61 39 34	153 16 12	10.00	3.00	10.00	1.0	2.000	3.0	50.0	1,000
LH0231C	61 37 45	153 4 14	1.50	.30	10.00	1.0	2.000	3.0	20.0	1,500
LH0232C	61 38 59	153 4 42	1.50	.20	5.00	.7	1.500	3.0	50.0	1,500
LH0234C	61 36 57	153 12 33	10.00	.30	10.00	.5	2.000	3.0	300.0	>20,000
LH0235C	61 36 58	153 12 25	15.00	.30	3.00	.7	1.500	2.0	50.0	>20,000
LH0236C	61 38 4	153 11 18	1.50	.07	50.00	.5	.300	N	100.0	2,000
LH0237C	61 41 22	153 3 26	1.00	.10	10.00	1.5	1.000	7.0	15.0	3,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH0161C	N	20	7,000	3	20	N	70	20	300
LH0162C	N	N	>10,000	3	100	150	50	<20	30
LH0163C	N	N	150	5	30	50	70	<20	30
LH0164C	N	N	>10,000	15	200	150	<20	<20	300
LH0165C	N	N	300	2	200	N	N	30	20
LH0166C	N	300	5,000	5	30	N	30	30	70
LH0167C	N	N	3,000	N	30	70	70	50	30
LH0168C	N	N	300	N	N	N	<20	50	100
LH0169C	N	N	50	30	700	N	N	<20	<10
LH0170C	N	50	300	3	200	N	<20	20	30
LH0171C	50	700	1,500	3	700	N	150	50	1,000
LH0172C	N	700	7,000	2	20	N	20	100	150
LH0173C	20	20	500	2	150	N	<20	30	150
LH0174C	<20	1,500	500	N	N	N	N	500	100
LH0175C	N	70	5,000	N	50	N	<20	200	30
LH0200C	N	N	500	N	N	N	50	<20	20
LH0201C	N	N	70	N	N	N	70	<20	<10
LH0202C	N	20	>10,000	N	<20	N	<20	200	100
LH0203C	N	N	1,500	N	30	N	100	<20	50
LH0204C	70	70	>10,000	N	N	N	<20	70	70
LH0205C	N	N	>10,000	N	70	100	<20	70	500
LH0208C	N	20	>10,000	2	30	N	<20	70	150
LH0209C	N	30	>10,000	2	70	N	<20	150	20
LH0210C	70	1,000	>10,000	N	1,500	N	700	70	700
LH0211C	N	50	1,500	2	150	N	70	100	30
LH0212C	N	20	500	N	N	N	<20	150	50
LH0213C	N	20	10,000	N	N	N	100	<20	300
LH0214C	N	20	>10,000	N	N	N	70	30	200
LH0215C	N	300	2,000	3	>2,000	N	30	30	10,000
LH0216C	N	20	3,000	3	N	N	N	200	50
LH0217C	N	30	>10,000	5	>2,000	N	100	<20	70
LH0218C	N	50	3,000	N	700	N	700	30	50
LH0219C	N	2,000	5,000	N	300	N	300	70	100
LH0220C	N	150	7,000	3	700	N	70	150	100
LH0221C	N	20	>10,000	3	N	N	20	150	100
LH0222C	<20	50	>10,000	3	700	N	200	100	100
LH0223C	20	N	>10,000	N	100	N	200	<20	150
LH0224C	N	N	3,000	3	N	N	70	<20	100
LH0225C	N	N	>10,000	3	70	N	200	20	200
LH0226C	N	N	2,000	5	500	N	N	30	100
LH0227C	N	N	10,000	N	1,500	N	700	<20	100
LH0228C	N	20	1,000	N	N	N	30	<20	30
LH0229C	N	N	5,000	3	300	N	20	150	700
LH0230C	N	N	1,000	5	1,500	N	30	50	500
LH0231C	N	150	300	7	150	N	30	20	200
LH0232C	N	70	300	3	500	N	N	20	300
LH0234C	70	N	3,000	N	500	N	300	20	1,000
LH0235C	N	N	3,000	N	1,500	N	700	20	2,000
LH0236C	N	N	100	70	500	N	N	<20	30
LH0237C	N	50	300	3	500	N	30	30	100

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Ni ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH0161C	30	N	150	1,500	N	<50	20	200	N	N
LH0162C	20	N	N	500	100	<50	<10	1,500	N	N
LH0163C	30	N	N	1,000	50	<50	<10	2,000	N	N
LH0164C	10	N	300	700	30	100	<10	15,000	N	<200
LH0165C	10	N	1,500	200	150	100	N	200	N	N
LH0166C	15	N	500	1,000	100	50	30	5,000	N	N
LH0167C	N	N	1,000	700	N	<50	20	7,000	N	N
LH0168C	<10	N	700	1,000	20	50	<10	300	N	N
LH0169C	<10	N	500	300	700	150	N	100	N	N
LH0170C	15	N	700	1,500	700	<50	<10	3,000	N	N
LH0171C	20	N	700	1,000	150	50	70	7,000	N	N
LH0172C	10	N	300	1,000	15	50	10	3,000	N	300
LH0173C	15	N	300	1,000	500	50	15	>50,000	N	N
LH0174C	15	N	300	500	N	50	<10	20	N	N
LH0175C	20	N	300	700	20	<50	<10	15	N	N
LH0200C	<10	N	300	500	30	<50	<10	50	N	N
LH0201C	N	N	700	700	N	N	<10	N	N	N
LH0202C	<10	N	300	300	N	70	30	5,000	N	N
LH0203C	<10	N	500	500	15	N	15	300	N	N
LH0204C	<10	N	500	1,000	N	100	20	500	N	200
LH0205C	<10	N	N	150	N	70	10	1,000	N	<200
LH0208C	<10	N	150	150	N	100	10	15,000	N	N
LH0209C	50	N	N	100	N	<50	15	1,000	N	N
LH0210C	<10	N	150	150	N	50	700	5,000	N	<200
LH0211C	30	N	150	150	N	<50	50	1,500	N	N
LH0212C	30	N	100	150	N	<50	<10	70	N	N
LH0213C	N	N	N	100	N	<50	300	2,000	N	300
LH0214C	<10	N	100	150	N	<50	150	7,000	N	300
LH0215C	50	N	100	1,000	1,500	<50	30	15,000	N	N
LH0216C	50	N	N	100	N	<50	<10	500	N	N
LH0217C	70	N	300	300	50	<50	<10	7,000	N	— N
LH0218C	<10	N	500	200	N	<50	200	200	N	N
LH0219C	20	N	N	150	N	70	70	500	N	200
LH0220C	15	N	200	500	30	150	20	1,000	N	N
LH0221C	15	N	300	300	N	150	10	700	N	N
LH0222C	10	N	500	300	N	100	30	2,000	N	N
LH0223C	<10	N	150	150	N	50	70	30,000	N	<200
LH0224C	10	N	150	300	N	<50	20	1,500	N	N
LH0225C	15	N	150	500	N	<50	30	5,000	N	N
LH0226C	20	30	300	1,500	300	70	N	1,500	N	N
LH0227C	N	N	300	500	300	<50	200	7,000	N	<200
LH0228C	N	N	1,500	700	N	N	<10	300	N	N
LH0229C	20	N	300	1,000	200	50	<10	7,000	N	N
LH0230C	20	N	700	3,000	N	70	<10	2,000	N	N
LH0231C	10	N	700	700	100	70	N	2,000	N	N
LH0232C	<10	N	700	500	700	50	N	7,000	N	N
LH0234C	<10	N	300	500	500	<50	30	30,000	N	<200
LH0235C	10	N	150	200	N	<50	100	1,500	N	N
LH0236C	<10	N	300	300	N	100	N	5,000	N	N
LH0237C	10	N	500	1,000	1,000	50	<10	3,000	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LINE HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH0161C	30	100	700	N	N	300	150	150	N	>2,000
LH0162C	50	150	200	N	N	70	10,000	500	700	>2,000
LH0163C	20	200	<200	N	N	100	1,000	200	N	>2,000
LH0164C	70	100	1,000	N	N	30	1,000	500	3,000	>2,000
LH0165C	70	N	<200	>5,000	15,000	70	20,000	1,000	N	>2,000
LH0166C	20	1,000	500	N	N	150	2,000	700	N	>2,000
LH0167C	50	>2,000	300	200	N	100	500	700	N	>2,000
LH0168C	20	1,000	500	N	N	100	70	500	N	>2,000
LH0169C	15	>2,000	500	300	N	N	N	5,000	N	>2,000
LH0170C	20	>2,000	700	1,500	1,000	70	3,000	500	N	>2,000
LH0171C	30	>2,000	500	700	N	100	15,000	500	N	>2,000
LH0172C	30	>2,000	700	N	N	150	150	300	N	>2,000
LH0173C	30	1,500	500	N	N	150	5,000	300	N	>2,000
LH0174C	70	150	200	N	N	300	200	200	N	>2,000
LH0175C	30	700	200	N	N	150	200	300	N	>2,000
LH0200C	50	150	<200	1,500	1,500	200	300	700	N	>2,000
LH0201C	N	N	1,500	N	N	100	50	700	N	>2,000
LH0202C	70	N	3,000	N	N	100	50	300	N	>2,000
LH0203C	50	70	500	300	N	50	50	700	N	>2,000
LH0204C	50	N	3,000	N	N	150	150	300	N	>2,000
LH0205C	15	30	3,000	N	N	70	70	150	3,000	>2,000
LH0208C	30	>2,000	2,000	N	N	100	20,000	200	500	>2,000
LH0209C	N	150	200	N	N	150	100	30	N	>2,000
LH0210C	30	1,000	1,000	N	N	150	500	200	N	>2,000
LH0211C	10	700	<200	N	N	150	700	150	N	>2,000
LH0212C	N	N	<200	N	N	150	N	100	N	>2,000
LH0213C	<10	N	N	N	N	30	N	30	1,500	700
LH0214C	<10	<20	1,000	N	N	70	N	100	N	>2,000
LH0215C	30	N	700	N	N	300	N	100	N	>2,000
LH0216C	<10	<20	<200	N	N	200	N	30	N	>2,000
LH0217C	N	30	500	N	N	200	70	300	700	1,500
LH0218C	50	50	200	N	N	150	70	700	N	>2,000
LH0219C	30	300	N	N	N	200	200	200	N	2,000
LH0220C	50	2,000	500	N	N	200	15,000	300	N	>2,000
LH0221C	30	30	1,000	N	N	150	N	300	N	>2,000
LH0222C	70	>2,000	500	N	N	150	1,000	500	N	>2,000
LH0223C	20	1,500	N	N	N	50	10,000	300	N	>2,000
LH0224C	70	500	<200	N	N	70	N	700	N	>2,000
LH0225C	20	>2,000	500	N	N	100	N	200	500	>2,000
LH0226C	100	1,000	200	N	N	100	N	500	N	>2,000
LH0227C	70	1,500	300	1,000	1,500	<20	5,000	700	700	>2,000
LH0228C	50	500	1,500	N	N	70	300	700	N	>2,000
LH0229C	70	>2,000	500	N	N	150	300	300	1,500	>2,000
LH0230C	100	200	300	N	N	70	N	500	1,500	>2,000
LH0231C	100	>2,000	200	1,000	1,500	70	700	1,000	N	>2,000
LH0232C	100	>2,000	<200	1,500	1,000	70	7,000	700	N	>2,000
LH0234C	50	700	200	N	N	70	100	500	3,000	>2,000
LH0235C	20	500	200	N	N	70	200	300	N	>2,000
LH0236C	30	>2,000	200	1,500	1,500	20	100	>5,000	1,500	>2,000
LH0237C	70	>2,000	500	700	N	70	5,000	700	N	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH0238C	61 43 46	153 5 59	1.00	.20	10.00	1.5	.700	7.0	2.0	N
LH0239C	61 43 39	153 5 59	1.00	.15	10.00	1.0	1.000	5.0	200.0	1,500
LH0242C	61 46 17	153 34 15	3.00	.20	7.00	.7	2.000	7.0	N	N
LH0243C	61 49 24	153 32 33	15.00	.15	2.00	.5	1.500	1.5	300.0	>20,000
LH0244C	61 47 47	153 25 24	7.00	.30	3.00	.7	>2.000	5.0	10.0	3,000
LH0245C	61 46 22	153 28 49	5.00	.20	3.00	.7	>2.000	3.0	5.0	700
LH0246C	61 52 2	153 19 53	1.00	.15	5.00	1.5	.700	3.0	7.0	<500
LH0247C	61 53 45	153 19 9	2.00	.15	2.00	1.0	>2.000	2.0	150.0	<500
LH0248C	61 52 48	153 24 3	1.00	.10	20.00	1.5	.500	7.0	N	<500
LH0250C	61 57 6	153 25 32	10.00	.50	1.50	.7	.500	1.5	5.0	1,500
LH0251C	61 57 10	153 25 35	7.00	1.00	2.00	.7	.700	2.0	N	<500
LH0252C	61 57 39	153 24 0	1.00	.10	20.00	.7	.300	20.0	N	N
LH0253C	61 45 33	153 28 22	7.00	.30	2.00	.7	2.000	3.0	N	N
LH0254C	61 40 58	153 23 49	3.00	.50	10.00	.7	2.000	5.0	N	N
LH0255C	61 39 54	153 23 53	10.00	1.00	2.00	.7	1.000	2.0	20.0	3,000
LH0256C	61 40 2	153 23 57	3.00	.10	2.00	.5	>2.000	3.0	100.0	1,500
LH0257C	61 38 52	153 43 14	.70	.10	30.00	.7	.700	>20.0	N	N
LH0258C	61 38 17	153 41 25	1.00	.07	2.00	.5	1.000	3.0	5.0	N
LH0259C	61 27 21	153 1 9	7.00	.20	1.50	1.0	2.000	2.0	3.0	N
LH0260C	61 27 27	153 1 5	5.00	.10	5.00	1.0	2.000	3.0	100.0	1,500
LH0261C	61 26 8	153 7 38	15.00	.05	2.00	1.0	.700	2.0	50.0	3,000
LH0262C	61 26 15	153 7 53	7.00	.20	3.00	1.0	2.000	2.0	20.0	1,000
LH0263C	61 28 4	153 7 55	5.00	.15	3.00	1.0	>2.000	.7	70.0	500
LH0264C	61 25 8	153 8 17	7.00	.15	2.00	1.0	2.000	1.5	100.0	1,000
LH0266C	61 25 52	153 15 16	7.00	.20	2.00	1.0	1.000	1.5	100.0	7,000
LH0267C	61 25 41	153 20 0	7.00	.15	3.00	1.0	1.500	1.0	20.0	10,000
LH0268C	61 20 50	153 18 28	.70	.05	.50	.5	.150	1.0	5.0	5,000
LH0269C	61 21 53	153 18 1	2.00	.05	.50	.5	.200	2.0	10.0	20,000
LH0270C	61 23 51	153 17 5	7.00	1.50	3.00	.7	1.500	1.0	50.0	N
LH0271C	61 24 51	153 16 15	5.00	.30	1.00	.5	.500	5.0	20.0	N
LH0272C	61 22 42	153 10 6	.50	.05	.30	1.0	.150	.7	N	— 700
LH0273C	61 20 53	153 4 55	.50	.10	.70	.5	.200	1.0	N	1,500
LH0274C	61 19 58	153 6 34	.50	.07	3.00	.7	1.000	3.0	N	500
LH0275C	61 16 1	153 2 34	.50	.10	10.00	1.5	.300	5.0	N	N
LH0276C	61 33 10	153 12 59	5.00	.20	15.00	1.0	2.000	7.0	3.0	500
LH0279C	61 17 20	153 7 58	7.00	2.00	15.00	1.0	1.000	1.5	N	1,500
LH0280C	61 16 19	153 13 14	1.00	.10	1.00	.5	.700	1.5	2.0	<500
LH0281C	61 15 44	153 15 39	.20	<.05	.70	.5	1.500	.7	N	N
LH0282C	61 15 31	153 17 32	2.00	.07	7.00	1.0	.300	3.0	100.0	2,000
LH0283C	61 11 36	153 20 9	5.00	1.00	10.00	1.0	2.000	7.0	N	N
LH0284C	61 12 4	153 17 34	7.00	2.00	5.00	1.0	>2.000	1.5	15.0	500
LH0285C	61 11 21	153 15 52	7.00	.50	3.00	.7	>2.000	3.0	100.0	500
LH0286C	61 8 58	153 10 3	7.00	1.50	2.00	1.0	1.000	3.0	20.0	500
LH0287C	61 14 35	153 9 35	1.00	.20	2.00	N	1.000	3.0	5.0	N
LH0288C	61 13 36	153 4 20	5.00	1.00	3.00	1.0	1.000	1.0	50.0	500
LH0289C	61 9 29	153 6 56	5.00	1.00	2.00	.5	2.000	5.0	50.0	7,000
LH0290C	61 3 32	153 2 13	1.00	.10	5.00	<.5	>2.000	1.5	N	500
LH0291C	61 5 52	153 8 42	1.00	.05	.70	N	.300	2.0	N	N
LH0292C	61 4 8	153 6 56	1.00	.05	.70	N	.300	2.0	5.0	N
LH0293C	61 4 14	153 12 57	1.50	.05	.70	N	.700	1.5	N	700

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH0238C	N	50	200	3	N	N	N	20	30
LH0239C	N	N	200	3	70	N	20	30	100
LH0242C	N	150	2,000	2	N	N	20	150	100
LH0243C	N	100	>10,000	N	700	N	100	70	500
LH0244C	N	200	5,000	3	N	N	50	200	300
LH0245C	N	100	3,000	3	N	N	30	500	150
LH0246C	N	50	1,500	2	70	N	<20	30	30
LH0247C	N	20	1,500	5	50	N	<20	50	70
LH0248C	N	50	5,000	N	N	N	<20	30	100
LH0250C	N	700	>10,000	3	N	N	70	100	500
LH0251C	N	200	>10,000	2	N	N	30	100	150
LH0252C	N	30	150	N	N	N	N	30	20
LH0253C	N	100	5,000	3	N	N	50	500	150
LH0254C	N	200	1,500	3	N	N	20	500	200
LH0255C	N	200	700	3	100	N	70	200	500
LH0256C	N	20	>10,000	2	50	N	30	70	150
LH0257C	N	N	150	N	N	N	N	<20	50
LH0258C	N	20	2,000	3	N	N	<20	100	50
LH0259C	N	N	7,000	7	N	N	<20	20	50
LH0260C	<20	N	700	3	20	N	20	<20	100
LH0261C	N	N	>10,000	2	150	150	70	<20	500
LH0262C	N	N	7,000	3	100	150	20	<20	500
LH0263C	N	N	>10,000	3	150	N	<20	<20	50
LH0264C	N	N	3,000	3	500	100	30	<20	700
LH0266C	N	N	700	7	1,500	N	30	<20	2,000
LH0267C	N	N	500	7	1,000	N	20	20	1,000
LH0268C	N	N	150	3	200	N	N	<20	150
LH0269C	N	N	300	7	500	N	N	<20	300
LH0270C	N	N	700	5	200	N	<20	20	150
LH0271C	N	20	300	7	1,000	N	N	<20	150
LH0272C	N	N	300	5	200	N	N	<20	— 70
LH0273C	N	20	200	7	N	N	20	30	100
LH0274C	N	30	300	2	N	N	N	<20	70
LH0275C	N	N	7,000	N	N	N	20	<20	10
LH0276C	N	N	3,000	N	500	N	30	<20	200
LH0279C	N	20	300	N	N	N	20	300	300
LH0280C	N	100	700	2	100	N	N	30	15
LH0281C	N	N	200	N	N	N	30	N	<10
LH0282C	N	N	1,000	5	2,000	N	50	<20	30
LH0283C	N	N	300	N	20	N	70	20	150
LH0284C	N	N	200	3	200	N	30	150	300
LH0285C	N	50	200	3	1,000	N	30	30	150
LH0286C	N	N	300	5	1,000	N	30	50	100
LH0287C	N	20	150	15	200	N	N	<20	150
LH0288C	N	N	500	2	300	50	20	70	150
LH0289C	N	70	200	3	>2,000	N	N	50	300
LH0290C	N	N	300	N	N	N	50	30	300
LH0291C	N	N	150	3	150	<50	N	N	100
LH0292C	N	N	150	5	150	50	N	N	100
LH0293C	N	N	500	3	500	N	N	N	100

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Ni ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH0238C	20	N	700	1,000	20	<50	<10	300	N	N
LH0239C	20	N	700	700	300	<50	<10	7,000	N	N
LH0242C	15	N	2,000	700	N	50	70	70	N	200
LH0243C	<10	N	1,500	150	N	<50	150	10,000	N	200
LH0244C	20	N	>2,000	2,000	N	70	70	700	N	<200
LH0245C	15	N	1,500	700	N	100	70	1,000	N	300
LH0246C	20	N	300	150	N	<50	20	70	N	N
LH0247C	20	N	300	700	N	70	20	2,000	N	<200
LH0248C	10	N	700	300	N	<50	15	30	N	N
LH0250C	15	N	300	1,000	N	<50	150	1,000	N	N
LH0251C	15	N	300	1,500	N	<50	70	70	N	N
LH0252C	<10	N	1,000	200	N	<50	<10	50	N	N
LH0253C	15	N	>2,000	1,000	N	70	100	70	N	N
LH0254C	15	N	300	700	N	70	30	20	N	N
LH0255C	20	N	150	1,500	70	<50	150	500	N	N
LH0256C	15	N	200	150	N	70	50	50,000	N	N
LH0257C	<10	N	700	500	N	<50	<10	50	N	N
LH0258C	30	N	200	150	N	<50	10	70	N	N
LH0259C	30	N	1,500	1,000	10	200	10	150	N	N
LH0260C	15	N	300	500	10	100	10	700	N	N
LH0261C	20	N	200	500	500	<50	<10	3,000	N	N
LH0262C	30	N	1,000	1,500	70	70	<10	3,000	N	N
LH0263C	20	N	200	700	200	100	<10	1,500	N	N
LH0264C	20	N	500	1,000	300	50	<10	2,000	N	N
LH0266C	20	N	2,000	1,500	700	70	<10	3,000	N	N
LH0267C	70	N	500	3,000	70	70	<10	2,000	N	N
LH0268C	N	N	>2,000	300	100	70	N	200	N	N
LH0269C	N	N	>2,000	500	150	100	N	300	N	N
LH0270C	50	N	2,000	10,000	50	70	<10	2,000	N	N
LH0271C	N	N	>2,000	1,500	50	70	N	300	N	N
LH0272C	N	N	1,500	700	50	70	N	300	N	N
LH0273C	N	N	700	300	30	70	<10	300	N	N
LH0274C	15	N	100	500	50	50	<10	500	N	N
LH0275C	10	N	300	300	10	<50	<10	20	N	N
LH0276C	10	N	1,500	1,500	15	<50	<10	200	N	N
LH0279C	20	N	1,500	3,000	50	<50	20	700	N	N
LH0280C	N	N	2,000	700	70	50	N	70	N	N
LH0281C	N	N	500	150	N	N	N	70	N	N
LH0282C	20	N	150	1,500	300	70	<10	10,000	N	N
LH0283C	<10	N	700	1,000	N	<50	<10	200	N	N
LH0284C	15	N	2,000	3,000	30	100	10	500	N	N
LH0285C	10	N	>2,000	2,000	700	150	<10	1,500	N	N
LH0286C	15	N	>2,000	3,000	150	100	<10	700	N	N
LH0287C	<10	N	>2,000	1,000	150	70	N	300	N	N
LH0288C	30	N	1,500	1,500	50	70	20	700	N	N
LH0289C	10	N	>2,000	1,500	150	50	N	700	N	N
LH0290C	<10	N	1,500	500	70	100	<10	70	N	N
LH0291C	<10	N	>2,000	1,000	15	<50	N	100	N	N
LH0292C	<10	N	>2,000	1,000	50	<50	N	500	N	N
LH0293C	<10	N	>2,000	1,000	30	50	N	50	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH0238C	30	>2,000	500	500	N	100	1,000	700	N	>2,000
LH0239C	30	>2,000	200	700	N	150	1,000	700	N	>2,000
LH0242C	20	30	1,000	<200	N	150	N	200	N	>2,000
LH0243C	N	>2,000	700	N	N	70	300	150	N	>2,000
LH0244C	150	150	500	300	N	200	50	300	N	>2,000
LH0245C	20	20	700	N	N	200	70	300	N	>2,000
LH0246C	30	500	700	N	N	150	50	150	N	>2,000
LH0247C	70	300	<200	N	N	150	50	150	N	>2,000
LH0248C	15	200	500	N	N	100	50	700	N	>2,000
LH0250C	20	1,500	500	N	N	150	300	100	1,500	>2,000
LH0251C	20	500	300	<200	N	150	300	150	N	>2,000
LH0252C	15	N	200	N	N	100	N	700	N	>2,000
LH0253C	150	70	700	200	N	200	300	300	1,000	>2,000
LH0254C	30	150	700	N	N	200	300	200	N	>2,000
LH0255C	20	700	200	N	N	150	N	150	500	>2,000
LH0256C	30	>2,000	700	N	N	150	150	200	700	>2,000
LH0257C	20	150	700	N	N	70	70	700	N	>2,000
LH0258C	10	N	<200	N	N	200	N	200	N	>2,000
LH0259C	70	100	200	1,000	N	70	300	700	N	>2,000
LH0260C	30	300	<200	300	N	70	700	300	700	>2,000
LH0261C	15	300	500	700	N	50	150	200	15,000	>2,000
LH0262C	70	70	200	300	N	70	100	700	20,000	>2,000
LH0263C	70	30	200	N	N	70	150	200	N	>2,000
LH0264C	70	700	200	500	N	70	150	700	7,000	>2,000
LH0266C	100	1,500	<200	1,500	3,000	70	150	1,500	N	>2,000
LH0267C	70	1,500	200	1,500	2,000	70	50	700	1,500	>2,000
LH0268C	200	700	<200	3,000	5,000	N	200	1,500	N	>2,000
LH0269C	200	1,000	N	>5,000	7,000	N	100	2,000	N	>2,000
LH0270C	150	500	<200	500	N	100	50	1,000	2,000	>2,000
LH0271C	200	200	<200	5,000	5,000	70	50	1,500	N	>2,000
LH0272C	100	700	N	>5,000	10,000	<20	100	1,500	N	>2,000
LH0273C	100	700	<200	>5,000	10,000	20	100	2,000	N	>2,000
LH0274C	50	100	200	1,000	3,000	70	2,000	700	N	>2,000
LH0275C	15	N	300	N	N	50	2,000	200	N	>2,000
LH0276C	30	300	500	200	N	70	100	500	500	>2,000
LH0279C	100	N	500	500	N	300	200	700	N	>2,000
LH0280C	150	150	N	2,000	3,000	30	500	1,000	N	>2,000
LH0281C	150	150	N	1,500	3,000	N	100	1,000	N	>2,000
LH0282C	30	700	<200	N	N	30	15,000	500	1,500	>2,000
LH0283C	50	150	200	N	N	200	200	700	N	>2,000
LH0284C	150	150	<200	500	N	200	150	700	500	>2,000
LH0285C	200	200	<200	700	2,000	150	10,000	1,500	N	>2,000
LH0286C	200	200	<200	2,000	2,000	150	300	2,000	500	>2,000
LH0287C	200	300	<200	>5,000	7,000	50	300	5,000	1,500	>2,000
LH0288C	70	300	500	500	N	150	5,000	500	2,000	>2,000
LH0289C	200	30	<200	3,000	3,000	70	200	3,000	N	>2,000
LH0290C	50	70	<200	300	N	300	1,000	700	N	>2,000
LH0291C	200	700	N	1,500	3,000	20	200	3,000	2,000	>2,000
LH0292C	200	700	N	1,500	3,000	<20	200	3,000	3,000	>2,000
LH0293C	200	>2,000	N	1,500	3,000	20	500	2,000	1,500	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH0294C	61 5 0	153 19 27	5.00	.50	7.00	.7	1.000	1.0	N	2,000
LH0295C	61 56 45	153 59 37	20.00	1.50	7.00	.7	.300	N	300.0	>20,000
LH0296C	61 57 55	153 55 24	7.00	2.00	20.00	.5	.500	N	N	N
LH0297C	61 56 38	153 54 3	7.00	1.00	10.00	1.0	>2.000	5.0	100.0	3,000
LH0298C	61 57 53	154 7 53	5.00	2.00	15.00	1.0	.500	N	N	N
LH0299C	61 58 2	154 7 48	2.00	.05	7.00	N	.300	N	3.0	2,000
LH0300C	61 42 2	153 46 15	7.00	.07	15.00	.5	>2.000	7.0	10.0	10,000
LH0301C	61 41 48	153 44 48	7.00	.10	2.00	.7	1.500	3.0	100.0	>20,000
LH0302C	61 39 56	153 41 0	1.00	.07	.30	<.5	.500	N	10.0	N
LH0303C	61 39 32	153 42 34	1.00	.07	1.00	.7	.700	1.5	N	N
LH0304C	61 40 51	153 39 57	2.00	.07	7.00	.7	>2.000	.7	N	N
LH0305C	61 41 22	153 36 47	1.00	.10	1.00	<.5	1.500	N	N	N
LH0306C	61 41 15	153 33 31	3.00	.15	5.00	.7	>2.000	2.0	N	N
LH0307C	61 41 11	153 30 32	15.00	1.00	3.00	.7	1.500	2.0	200.0	3,000
LH0308C	61 39 1	153 31 33	15.00	.20	1.50	.5	1.500	1.5	30.0	10,000
LH0309C	61 38 41	153 31 36	30.00	.05	.50	<.5	.700	.7	300.0	>20,000
LH0310C	61 38 41	153 31 54	2.00	.10	.50	<.5	.300	N	10.0	2,000
LH0311C	61 36 33	153 36 8	7.00	.07	1.50	.5	1.000	1.5	300.0	10,000
LH0312C	61 37 19	153 30 39	10.00	.15	1.50	.7	>2.000	2.0	100.0	3,000
LH0313C	61 32 46	153 38 13	1.00	.07	.70	<.5	1.000	.5	N	N
LH0314C	61 33 51	153 35 36	5.00	.30	3.00	.7	1.500	1.5	30.0	3,000
LH0315C	61 32 53	153 28 22	30.00	.15	1.50	.7	1.500	N	30.0	>20,000
LH0316C	61 31 36	153 28 33	30.00	.30	.70	.7	1.000	N	20.0	3,000
LH0317C	61 31 3	153 26 50	15.00	.50	1.50	.7	1.500	1.5	2.0	500
LH0318C	61 33 37	153 26 17	15.00	.30	2.00	.7	1.000	1.5	10.0	1,000
LH0319C	61 29 47	153 8 54	7.00	.30	7.00	1.5	1.000	<.5	15.0	N
LH0320C	61 29 50	153 8 42	7.00	.20	7.00	1.5	1.000	.5	15.0	N
LH0321C	61 32 37	153 9 14	30.00	<.05	3.00	N	.150	3.0	70.0	N
LH0322C	61 33 8	153 10 23	7.00	.10	15.00	.5	.700	20.0	150.0	3,000
LH0323C	61 33 2	153 10 32	7.00	<.05	2.00	1.0	.500	1.5	150.0	N
LH0324C	61 33 22	153 5 8	2.00	<.05	20.00	.5	1.500	1.0	20.0	7,000
LH0325C	61 36 12	153 7 13	2.00	.20	5.00	.7	.700	5.0	50.0	700
LH0326C	61 37 15	153 6 51	5.00	1.50	5.00	1.0	.700	1.5	2.0	500
LH0327C	61 38 41	153 6 12	5.00	.10	10.00	.7	1.500	3.0	100.0	1,000
LH0328C	61 39 22	153 10 10	.30	<.05	20.00	<.5	.150	.5	5.0	<500
LH0329C	61 38 7	153 11 35	7.00	.07	5.00	.5	.500	3.0	300.0	>20,000
LH0330C	61 41 20	153 1 56	1.00	.10	10.00	.7	.700	7.0	50.0	7,000
LH0332C	61 42 4	153 9 6	7.00	1.00	10.00	.7	1.000	3.0	10.0	7,000
LH0333C	61 41 25	153 2 0	2.00	.30	15.00	.7	1.000	3.0	20.0	10,000
LH0334C	61 59 58	153 53 44	2.00	3.00	15.00	.5	.200	N	1.0	5,000
LH0335C	61 45 56	153 38 44	2.00	.30	5.00	.7	1.500	3.0	15.0	1,500
LH0336C	61 47 29	153 41 5	7.00	.20	5.00	.7	1.000	2.0	100.0	10,000
LH0337C	61 48 8	153 48 23	3.00	<.05	2.00	<.5	.200	.7	5.0	>20,000
LH0338C	61 47 41	153 50 8	2.00	<.05	3.00	.7	.500	.5	2.0	7,000
LH0339C	61 46 55	153 48 21	.70	<.05	1.00	<.5	.700	1.0	20.0	7,000
LH0340C	61 46 33	153 48 16	.30	<.05	1.50	.5	>2.000	.7	20.0	700
LH0341C	61 47 10	153 32 54	1.00	1.00	5.00	.7	>2.000	5.0	N	N
LH0342C	61 48 9	153 33 32	3.00	.15	5.00	.5	1.000	3.0	70.0	10,000
LH0343C	61 49 14	153 27 30	7.00	.10	7.00	.5	2.000	7.0	15.0	>20,000
LH0344C	61 51 7	153 26 37	7.00	.05	10.00	1.0	.100	7.0	N	3,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH0294C	N	30	700	3	<20	N	30	30	150
LH0295C	N	500	3,000	2	50	N	70	30	200
LH0296C	N	300	2,000	5	N	N	20	70	100
LH0297C	N	100	7,000	5	>2,000	N	100	70	150
LH0298C	N	500	1,500	5	N	N	<20	50	100
LH0299C	N	50	3,000	10	N	N	<20	<20	50
LH0300C	N	N	2,000	2	200	N	700	<20	200
LH0301C	N	200	500	5	500	N	700	<20	1,500
LH0302C	N	50	3,000	3	N	N	20	100	20
LH0303C	N	50	700	N	N	N	20	70	20
LH0304C	N	20	3,000	N	N	N	30	50	150
LH0305C	N	70	7,000	N	N	N	N	150	15
LH0306C	N	100	5,000	N	20	N	20	70	100
LH0307C	N	100	>10,000	3	200	N	100	700	500
LH0308C	N	50	>10,000	2	30	N	50	70	200
LH0309C	50	N	>10,000	N	700	N	150	<20	200
LH0310C	N	50	1,500	3	30	N	50	100	70
LH0311C	N	200	>10,000	7	50	N	30	50	200
LH0312C	N	70	>10,000	N	30	N	70	50	150
LH0313C	N	30	1,000	7	N	N	<20	50	20
LH0314C	<20	70	2,000	5	70	N	30	200	1,000
LH0315C	N	700	700	N	>2,000	N	1,000	30	1,000
LH0316C	N	2,000	10,000	N	500	N	1,500	50	500
LH0317C	N	70	5,000	5	20	N	100	300	500
LH0318C	N	50	>10,000	3	50	N	100	200	500
LH0319C	N	N	500	5	30	N	<20	<20	500
LH0320C	N	N	700	5	N	N	<20	<20	70
LH0321C	N	N	>10,000	N	20	200	200	<20	700
LH0322C	N	N	>10,000	N	1,500	70	30	<20	1,000
LH0323C	100	N	7,000	5	700	<50	30	<20	100
LH0324C	N	N	700	3	200	N	30	<20	10
LH0325C	N	N	700	2	>2,000	N	<20	30	700
LH0326C	N	N	300	5	500	N	<20	50	500
LH0327C	N	150	1,000	3	1,500	N	20	<20	300
LH0328C	N	N	70	15	700	N	N	N	15
LH0329C	20	N	700	2	>2,000	N	300	<20	700
LH0330C	N	N	150	N	300	N	70	<20	300
LH0332C	N	500	700	5	2,000	N	50	70	700
LH0333C	N	N	300	70	500	N	70	30	500
LH0334C	N	700	>10,000	2	<20	N	30	30	50
LH0335C	30	700	>10,000	3	500	N	100	300	700
LH0336C	70	50	>10,000	N	<20	N	150	70	150
LH0337C	N	N	300	3	200	N	700	<20	30
LH0338C	N	N	150	3	1,000	N	N	N	100
LH0339C	N	N	70	5	1,500	N	N	N	20
LH0340C	N	100	7,000	50	300	N	N	<20	<10
LH0341C	N	20	7,000	2	N	N	<20	200	10
LH0342C	N	100	>10,000	N	20	N	70	30	150
LH0343C	N	50	>10,000	N	150	N	150	50	100
LH0344C	N	N	700	N	<20	N	20	<20	30

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Ni ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH0294C	20	N	300	1,000	10	<50	20	70	N	N
LH0295C	20	N	100	500	20	<50	50	50,000	N	2,000
LH0296C	20	N	100	700	N	<50	50	100	N	N
LH0297C	20	N	300	500	200	100	50	15,000	N	<200
LH0298C	20	N	300	500	N	<50	20	30	N	N
LH0299C	N	N	2,000	150	30	50	<10	700	N	N
LH0300C	<10	N	700	500	N	100	100	500	N	N
LH0301C	15	N	1,500	500	N	70	200	3,000	N	N
LH0302C	30	N	N	70	N	<50	<10	300	N	N
LH0303C	30	N	N	150	N	<50	10	N	N	N
LH0304C	20	N	1,000	500	10	150	<10	30	N	N
LH0305C	30	N	100	150	N	70	<10	N	N	N
LH0306C	20	N	700	500	N	150	30	300	N	300
LH0307C	10	N	150	1,500	N	50	150	15,000	N	<200
LH0308C	<10	N	150	500	N	70	70	5,000	N	N
LH0309C	10	N	100	70	N	<50	100	7,000	N	3,000
LH0310C	30	N	N	100	N	<50	20	500	N	N
LH0311C	20	N	N	150	N	<50	30	50,000	N	700
LH0312C	<10	N	100	150	N	100	70	3,000	N	N
LH0313C	30	N	N	100	15	<50	<10	70	N	N
LH0314C	30	N	150	700	150	<50	20	3,000	N	N
LH0315C	10	N	N	70	70	70	300	150	N	<200
LH0316C	15	N	N	70	N	50	700	1,500	N	N
LH0317C	20	N	100	3,000	N	<50	200	1,000	N	<200
LH0318C	15	N	N	1,000	N	<50	150	1,500	N	<200
LH0319C	30	N	300	1,500	50	<50	<10	200	N	N
LH0320C	30	N	150	1,000	70	50	<10	200	N	N
LH0321C	10	N	200	300	150	<50	70	200	N	N
LH0322C	<10	N	1,500	1,500	300	<50	<10	15,000	N	N
LH0323C	<10	N	200	300	30	<50	<10	300	N	N
LH0324C	<10	N	1,500	150	15	150	<10	500	N	N
LH0325C	10	N	300	700	300	<50	<10	2,000	N	N
LH0326C	50	N	1,500	2,000	500	<50	<10	1,000	N	N
LH0327C	15	N	300	700	1,500	<50	<10	15,000	N	N
LH0328C	<10	N	300	150	200	70	N	700	N	N
LH0329C	N	N	300	200	500	<50	50	2,000	N	N
LH0330C	<10	N	500	700	1,500	50	<10	>50,000	N	N
LH0332C	20	N	300	1,500	20	50	50	1,500	N	N
LH0333C	<10	N	1,500	700	500	70	<10	7,000	N	N
LH0334C	15	N	N	300	50	<50	50	500	N	N
LH0335C	30	N	300	500	20	50	70	700	N	N
LH0336C	15	N	<100	150	N	<50	100	1,500	N	300
LH0337C	N	N	N	70	150	<50	70	700	N	N
LH0338C	N	N	N	100	1,500	70	N	70	N	N
LH0339C	N	N	150	150	1,000	50	N	3,000	N	N
LH0340C	N	N	N	100	500	100	N	500	N	N
LH0341C	10	N	700	200	N	70	20	150	N	N
LH0342C	10	N	200	150	N	<50	70	1,500	N	<200
LH0343C	10	N	300	150	N	<50	30	700	N	<200
LH0344C	<10	N	300	100	N	N	10	<20	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH0294C	10	50	500	N	N	150	500	500	N	>2,000
LH0295C	<10	700	300	N	N	150	150	70	1,500	>2,000
LH0296C	15	N	500	N	N	300	N	70	N	>2,000
LH0297C	20	300	700	N	N	300	2,000	500	N	>2,000
LH0298C	10	N	500	200	N	200	N	300	N	>2,000
LH0299C	10	50	<200	>5,000	5,000	N	N	2,000	N	>2,000
LH0300C	100	700	700	200	N	700	700	500	N	>2,000
LH0301C	100	>2,000	<200	200	N	20	10,000	500	500	>2,000
LH0302C	N	N	<200	N	N	300	500	50	N	>2,000
LH0303C	N	N	<200	N	N	150	50	100	N	>2,000
LH0304C	<10	50	500	200	N	700	N	500	N	>2,000
LH0305C	N	N	<200	N	N	300	300	150	N	>2,000
LH0306C	10	20	500	N	N	300	100	300	1,000	>2,000
LH0307C	30	>2,000	700	N	N	200	5,000	100	1,500	>2,000
LH0308C	15	700	700	N	N	100	N	100	N	>2,000
LH0309C	<10	>2,000	300	N	N	70	N	70	700	>2,000
LH0310C	N	1,000	<200	N	N	150	300	70	N	>2,000
LH0311C	10	2,000	700	N	N	150	700	100	N	>2,000
LH0312C	20	100	700	N	N	150	50	100	1,000	>2,000
LH0313C	10	N	<200	N	N	300	50	100	N	>2,000
LH0314C	20	100	200	N	N	300	150	100	N	>2,000
LH0315C	15	>2,000	200	N	N	100	15,000	150	N	>2,000
LH0316C	10	300	200	N	N	150	3,000	50	N	300
LH0317C	20	N	500	N	N	200	N	70	700	>2,000
LH0318C	15	20	300	N	N	150	2,000	70	500	>2,000
LH0319C	50	50	500	200	N	200	100	200	N	>2,000
LH0320C	50	N	700	N	N	300	300	100	N	>2,000
LH0321C	N	N	700	N	N	<20	N	70	>20,000	>2,000
LH0322C	20	1,000	700	<200	N	50	150	700	10,000	>2,000
LH0323C	70	500	<200	1,500	2,000	<20	150	1,500	2,000	>2,000
LH0324C	70	>2,000	<200	200	N	<20	1,000	1,500	N	>2,000
LH0325C	30	2,000	<200	200	N	50	300	700	1,000	>2,000
LH0326C	70	1,500	<200	700	1,000	70	150	700	N	>2,000
LH0327C	20	>2,000	200	700	N	100	300	700	1,500	>2,000
LH0328C	20	1,000	<200	1,500	3,000	N	200	>5,000	N	>2,000
LH0329C	20	1,500	<200	500	N	50	1,000	700	700	>2,000
LH0330C	30	>2,000	200	700	N	300	5,000	300	N	>2,000
LH0332C	50	>2,000	200	500	N	150	N	1,000	N	>2,000
LH0333C	50	>2,000	<200	3,000	2,000	70	1,500	500	N	>2,000
LH0334C	10	50	700	N	N	100	300	100	N	>2,000
LH0335C	30	700	300	N	N	300	2,000	150	N	>2,000
LH0336C	<10	70	700	N	N	100	5,000	100	N	>2,000
LH0337C	50	500	N	>5,000	5,000	<20	1,000	1,000	N	>2,000
LH0338C	20	150	N	1,500	2,000	N	15,000	1,000	N	>2,000
LH0339C	50	1,500	N	3,000	5,000	N	2,000	1,500	N	>2,000
LH0340C	50	300	N	1,500	2,000	<20	15,000	700	N	>2,000
LH0341C	20	200	500	N	N	150	50	200	N	>2,000
LH0342C	10	>2,000	1,500	N	N	70	700	150	N	>2,000
LH0343C	10	500	1,000	N	N	70	N	300	N	>2,000
LH0344C	15	70	<200	N	N	<20	N	700	N	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH0345C	61 45 1	153 32 20	.70	.10	5.00	.7	>2.000	5.0	10.0	N
LH0346C	61 52 7	153 27 52	7.00	.07	2.00	<.5	1.500	2.0	200.0	>20,000
LH0347C	61 52 1	153 19 33	.70	.15	5.00	1.5	.700	3.0	30.0	N
LH0348C	61 55 10	153 15 31	1.50	.15	7.00	1.5	>2.000	3.0	100.0	1,000
LH0349C	61 38 29	153 43 15	1.00	.10	10.00	1.5	.700	5.0	2.0	700
LH0350C	61 37 36	153 43 13	.50	.05	7.00	1.5	.500	3.0	N	N
LH0351C	61 25 59	153 0 4	5.00	.30	10.00	1.0	2.000	1.5	15.0	N
LH0352C	61 24 2	153 1 19	7.00	.05	1.50	.7	1.500	1.5	10.0	7,000
LH0353C	61 21 59	153 0 21	3.00	.05	1.00	1.5	.500	1.0	7.0	1,500
LH0354C	61 26 51	153 9 29	5.00	.05	3.00	1.0	.700	1.5	300.0	5,000
LH0355C	61 24 26	153 6 56	3.00	.30	10.00	.7	2.000	.7	700.0	<500
LH0356C	61 28 18	153 15 45	10.00	.07	2.00	.7	.500	.5	150.0	10,000
LH0357C	61 26 11	153 19 8	5.00	.50	7.00	1.5	2.000	2.0	20.0	700
LH0361C	61 17 36	153 6 36	5.00	.30	15.00	.7	.500	1.0	3.0	2,000
LH0362C	61 16 39	153 12 12	5.00	.10	2.00	1.5	.500	.5	15.0	500
LH0363C	61 16 17	153 14 6	1.00	.70	3.00	1.0	1.000	2.0	10.0	N
LH0364C	61 14 24	153 19 26	10.00	.07	1.50	.7	.700	1.0	300.0	7,000
LH0365C	61 14 28	153 19 35	.50	<.05	.70	2.0	.200	N	50.0	N
LH0366C	61 11 30	153 20 17	1.00	<.05	1.50	1.0	.300	1.5	N	N
LH0367C	61 12 0	153 17 48	7.00	<.05	.70	.7	.700	.5	5.0	N
LH0368C	61 10 42	153 14 49	5.00	1.00	3.00	.7	2.000	2.0	3.0	N
LH0369C	61 10 31	153 12 22	2.00	1.00	1.50	1.0	1.500	1.5	2.0	N
LH0370C	61 14 37	153 9 50	3.00	.05	.50	1.0	.300	.5	300.0	3,000
LH0371C	61 12 57	153 7 33	3.00	1.50	5.00	1.0	1.500	1.0	10.0	N
LH0372C	61 9 1	153 4 20	.50	.05	10.00	.7	.700	10.0	150.0	N
LH0373C	61 3 40	153 1 57	.50	.05	5.00	1.0	>2.000	1.0	N	N
LH0374C	61 7 19	153 11 12	.50	<.05	.50	1.0	.150	.5	15.0	<500
LH0375C	61 3 6	153 5 19	1.00	.05	5.00	1.5	>2.000	.7	N	500
LH0376C	61 2 43	153 10 58	7.00	.50	2.00	1.0	.700	1.5	N	<500
LH0377C	61 4 7	153 16 52	3.00	.20	10.00	1.0	.500	.7	20.0	1,500
LH0378C	61 56 8	154 2 32	20.00	.30	3.00	.5	.050	1.5	3.0	— 500
LH0379C	61 57 27	153 59 7	10.00	2.00	10.00	<.5	.100	2.0	10.0	1,500
LH0380C	61 57 33	153 56 57	7.00	1.50	15.00	<.5	.150	N	700.0	3,000
LH0381C	61 56 28	153 53 19	15.00	.70	10.00	.7	1.000	.7	50.0	>20,000
LH0382C	61 58 17	154 9 42	7.00	.30	7.00	.7	.200	3.0	10.0	<500
LH0383C	61 57 48	154 10 53	10.00	.50	7.00	.5	.500	<.5	3.0	N
LH0384C	61 52 43	154 6 17	10.00	.20	7.00	.5	.150	N	3.0	N
LH0385C	61 52 42	154 6 6	7.00	.07	2.00	<.5	.020	.7	<1.0	N
LH0386C	61 52 47	154 6 2	3.00	.07	1.50	<.5	.010	.5	N	N
LH0387C	61 54 40	154 3 9	3.00	.10	1.00	.5	.030	.5	N	N
LH0388C	61 53 53	153 56 41	15.00	.07	.70	.5	.150	.7	150.0	>20,000
LH0393C	61 59 23	154 20 16	30.00	.05	2.00	.5	.100	1.5	3.0	1,000
LH0394C	61 59 18	154 20 13	20.00	.30	3.00	.7	.150	2.0	5.0	N
LH0395C	61 56 35	154 17 57	20.00	.30	3.00	.7	.150	3.0	5.0	N
LH0396C	61 58 24	154 15 3	15.00	.20	10.00	.7	.150	5.0	2.0	N
LH0397C	61 54 53	154 13 56	15.00	.20	7.00	.7	.300	3.0	50.0	1,000
LH0398C	61 51 42	154 12 17	7.00	.15	15.00	<.5	.100	N	<1.0	N
LH0399C	61 49 36	154 6 22	7.00	1.50	15.00	1.5	.700	.5	50.0	7,000
LH0400C	61 56 16	154 10 31	7.00	.20	15.00	.7	.300	1.5	20.0	10,000
LH0401C	61 54 38	154 10 49	7.00	.30	20.00	.7	.200	.7	<1.0	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH0345C	N	N	>10,000	2	N	100	<20	300	20
LH0346C	300	N	>10,000	N	700	N	300	30	30
LH0347C	30	70	700	N	N	N	N	50	15
LH0348C	20	100	2,000	2	700	N	30	30	20
LH0349C	N	N	300	N	30	N	30	<20	30
LH0350C	N	N	2,000	N	N	N	<20	<20	100
LH0351C	N	N	10,000	5	500	N	20	30	500
LH0352C	N	N	5,000	5	N	N	300	<20	100
LH0353C	N	N	700	3	150	N	50	<20	150
LH0354C	70	N	500	3	1,500	N	30	<20	100
LH0355C	N	N	>10,000	3	50	700	<20	30	500
LH0356C	N	N	300	3	>2,000	N	150	<20	10,000
LH0357C	N	N	500	5	1,000	N	<20	<20	300
LH0361C	N	N	300	3	N	N	70	30	50
LH0362C	N	N	700	3	150	N	<20	<20	300
LH0363C	N	N	300	2	2,000	N	<20	150	15
LH0364C	N	N	150	3	>2,000	N	30	<20	300
LH0365C	N	N	500	N	>2,000	N	<20	<20	15
LH0366C	N	N	200	N	700	N	<20	<20	15
LH0367C	N	20	300	2	700	N	100	<20	300
LH0368C	N	N	1,000	2	100	N	50	150	30
LH0369C	N	N	200	20	500	N	N	150	30
LH0370C	N	N	200	N	1,500	N	N	<20	100
LH0371C	N	N	300	3	1,000	200	30	100	150
LH0372C	N	N	300	N	>2,000	N	N	<20	15
LH0373C	N	N	200	N	N	N	<20	<20	150
LH0374C	N	N	500	N	1,000	150	N	<20	300
LH0375C	N	20	1,500	N	N	N	30	<20	30
LH0376C	N	N	5,000	N	N	N	500	<20	300
LH0377C	N	N	>10,000	10	N	150	20	<20	20
LH0378C	N	70	>10,000	N	N	N	100	<20	150
LH0379C	N	300	>10,000	N	20	N	100	20	70
LH0380C	N	200	>10,000	3	500	N	30	<20	200
LH0381C	N	500	700	7	300	N	1,000	30	1,000
LH0382C	N	30	>10,000	N	200	N	20	<20	150
LH0383C	N	N	>10,000	15	N	N	50	<20	150
LH0384C	N	N	>10,000	N	N	N	30	<20	150
LH0385C	N	N	>10,000	N	N	N	<20	<20	100
LH0386C	N	N	>10,000	N	N	N	<20	<20	30
LH0387C	N	N	>10,000	N	N	N	<20	<20	50
LH0388C	30	500	1,500	N	700	N	2,000	<20	300
LH0393C	N	N	>10,000	N	N	N	300	<20	500
LH0394C	N	70	10,000	N	N	N	200	30	700
LH0395C	N	50	>10,000	N	N	N	100	20	2,000
LH0396C	N	100	>10,000	N	N	N	70	20	150
LH0397C	N	70	>10,000	N	70	N	100	70	200
LH0398C	N	N	>10,000	N	N	N	70	<20	100
LH0399C	N	100	>10,000	N	<20	N	300	20	30
LH0400C	N	50	>10,000	N	1,000	N	30	30	200
LH0401C	N	N	>10,000	N	N	N	30	<20	100

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Ni ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH0345C	10	N	100	150	N	70	10	5,000	N	500
LH0346C	10	N	200	150	15	<50	150	2,000	N	<200
LH0347C	15	N	200	500	N	<50	<10	30	N	N
LH0348C	20	N	150	700	50	50	10	5,000	N	N
LH0349C	10	N	300	300	N	<50	<10	70	N	N
LH0350C	10	N	300	150	N	<50	<10	<20	N	N
LH0351C	20	N	1,500	700	30	100	<10	7,000	N	N
LH0352C	N	N	300	150	200	70	20	1,000	N	N
LH0353C	10	N	N	150	70	<50	<10	500	N	N
LH0354C	10	N	300	300	200	<50	N	7,000	N	N
LH0355C	20	N	1,500	1,000	150	70	N	15,000	N	N
LH0356C	15	N	1,500	100	1,000	50	N	7,000	N	N
LH0357C	30	N	700	2,000	N	70	N	1,000	N	N
LH0361C	30	N	N	700	70	50	30	200	N	N
LH0362C	20	N	1,000	1,000	150	<50	N	1,500	N	N
LH0363C	<10	N	2,000	700	150	50	N	1,000	N	N
LH0364C	N	N	1,500	500	200	<50	N	500	N	N
LH0365C	<10	N	N	70	200	<50	N	200	N	N
LH0366C	<10	N	N	100	200	<50	N	300	N	N
LH0367C	<10	N	1,000	150	300	70	<10	200	N	N
LH0368C	10	N	2,000	2,000	700	100	<10	500	N	N
LH0369C	10	N	>2,000	1,500	300	70	<10	700	N	N
LH0370C	<10	N	1,500	300	200	50	<10	1,000	N	N
LH0371C	15	N	1,500	1,500	20	70	50	300	N	N
LH0372C	<10	N	200	1,500	50	30	<10	1,000	N	N
LH0373C	<10	N	700	500	50	100	<10	N	N	N
LH0374C	<10	N	700	500	70	<50	N	1,500	N	N
LH0375C	10	N	700	300	100	150	<10	70	N	N
LH0376C	10	N	>2,000	500	100	<50	30	70	N	N
LH0377C	15	N	1,000	500	150	70	<10	2,000	N	N
LH0378C	<10	N	N	150	15	<50	200	500	N	N
LH0379C	10	N	N	300	N	<50	100	2,000	N	N
LH0380C	<10	N	N	150	50	<50	30	>50,000	N	700
LH0381C	15	N	200	200	50	70	150	1,500	N	<200
LH0382C	<10	N	150	150	N	<50	50	200	N	N
LH0383C	<10	N	N	150	N	<50	100	2,000	N	N
LH0384C	<10	N	N	100	N	<50	70	1,500	N	N
LH0385C	N	N	N	70	15	<50	30	200	N	N
LH0386C	N	N	N	50	N	<50	20	<20	N	N
LH0387C	N	N	N	70	N	<50	30	<20	N	N
LH0388C	N	N	100	70	15	<50	700	7,000	N	300
LH0393C	N	N	N	70	15	<50	500	700	N	N
LH0394C	10	N	300	100	30	<50	500	500	N	N
LH0395C	<10	N	300	70	20	<50	300	300	N	N
LH0396C	N	N	150	100	15	<50	150	1,500	N	N
LH0397C	10	N	150	150	10	<50	150	2,000	N	N
LH0398C	N	N	N	70	N	<50	100	500	N	N
LH0399C	15	N	N	200	15	<50	200	3,000	N	N
LH0400C	10	N	N	100	30	<50	30	3,000	N	300
LH0401C	<10	N	N	150	N	<50	70	100	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH0345C	20	70	700	N	N	150	50	200	5,000	>2,000
LH0346C	30	1,500	200	1,000	1,000	70	2,000	500	N	>2,000
LH0347C	20	700	200	N	N	70	50	300	N	>2,000
LH0348C	70	300	200	N	N	100	2,000	300	N	>2,000
LH0349C	30	300	<200	N	N	70	150	500	N	>2,000
LH0350C	20	N	200	<200	N	50	50	300	N	>2,000
LH0351C	70	70	300	1,500	N	100	300	700	N	>2,000
LH0352C	50	70	<200	5,000	5,000	20	15,000	700	N	>2,000
LH0353C	30	2,000	<200	2,000	1,500	20	700	700	N	>2,000
LH0354C	50	1,000	<200	1,500	1,500	20	300	1,000	7,000	>2,000
LH0355C	30	200	300	500	1,500	70	300	1,000	2,000	>2,000
LH0356C	30	700	<200	700	1,000	<20	100	1,500	1,500	>2,000
LH0357C	70	150	<200	700	N	70	50	700	1,000	>2,000
LH0361C	10	<20	<200	N	N	150	20,000	150	N	>2,000
LH0362C	70	150	<200	1,000	1,000	30	300	1,500	N	>2,000
LH0363C	200	30	<200	1,500	1,500	50	2,000	2,000	N	>2,000
LH0364C	150	100	N	500	1,500	20	300	1,500	N	>2,000
LH0365C	30	70	<200	<200	N	N	1,000	700	N	>2,000
LH0366C	30	N	N	<200	N	N	1,000	700	N	>2,000
LH0367C	70	1,500	N	500	3,000	20	3,000	700	N	>2,000
LH0368C	150	500	<200	1,000	1,500	150	700	700	N	>2,000
LH0369C	150	500	<200	2,000	2,000	70	1,000	1,500	N	>2,000
LH0370C	100	700	<200	1,000	5,000	N	1,000	500	N	>2,000
LH0371C	70	300	200	300	N	150	300	300	20,000	>2,000
LH0372C	30	1,000	200	200	N	50	200	500	N	>2,000
LH0373C	20	70	200	N	N	300	500	300	N	>2,000
LH0374C	70	>2,000	<200	300	N	<20	500	700	3,000	>2,000
LH0375C	30	100	300	3,000	1,500	300	1,000	300	N	>2,000
LH0376C	150	N	<200	1,000	2,000	100	500	700	N	>2,000
LH0377C	20	300	700	500	N	50	300	1,000	5,000	>2,000
LH0378C	N	N	1,500	N	N	70	N	150	1,500	>2,000
LH0379C	<10	N	700	N	N	150	150	70	500	1,000
LH0380C	N	30	500	N	N	100	150	150	N	>2,000
LH0381C	15	300	<200	300	N	200	2,000	700	1,000	>2,000
LH0382C	<10	N	7,000	N	N	70	50	150	1,500	>2,000
LH0383C	<10	N	>10,000	1,500	1,300	50	N	200	1,500	>2,000
LH0384C	N	N	10,000	N	N	50	N	20	1,500	300
LH0385C	N	N	3,000	N	N	<20	N	30	N	50
LH0386C	N	N	7,000	N	N	<20	N	20	1,500	70
LH0387C	N	N	7,000	N	N	20	N	20	700	50
LH0388C	30	20	N	<200	N	20	300	500	N	>2,000
LH0393C	N	N	500	N	N	70	N	50	1,000	300
LH0394C	N	N	500	N	N	100	N	70	700	200
LH0395C	N	N	700	N	N	150	N	100	700	150
LH0396C	10	N	3,000	N	N	70	N	200	1,500	700
LH0397C	10	N	2,000	200	N	150	N	150	1,000	>2,000
LH0398C	N	N	7,000	N	N	20	N	N	500	100
LH0399C	15	70	7,000	N	N	150	50	150	N	>2,000
LH0400C	<10	150	3,000	N	N	100	N	150	500	>2,000
LH0401C	N	N	5,000	N	N	70	N	70	700	700

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH0402C	61 54 50	154 6 35	10.00	.70	5.00	.7	.500	.5	3.0	N
LH0403C	61 53 1	154 0 46	5.00	.20	20.00	.7	.070	3.0	20.0	N
LH0404C	61 52 57	154 0 40	15.00	.30	7.00	.5	.150	.5	150.0	5,000
LH0406C	61 59 0	154 22 56	.50	.20	3.00	.5	.300	3.0	N	N
LH0407C	61 56 3	154 17 2	5.00	.10	15.00	1.0	.100	7.0	5.0	N
LH0408C	61 59 57	154 13 1	5.00	.30	5.00	.7	.500	.5	N	3,000
LH0409C	61 54 28	154 15 2	2.00	.15	15.00	1.5	.150	10.0	N	N
LH0410C	61 51 8	154 10 55	15.00	1.50	7.00	1.0	.150	N	N	1,000
LH0411C	61 49 42	154 5 15	7.00	.30	10.00	.7	.150	5.0	30.0	700
LH0412C	61 46 22	154 3 42	20.00	.07	5.00	.7	1.000	1.5	5.0	20,000
LH0413C	61 48 22	154 1 42	15.00	.20	7.00	.7	.200	3.0	150.0	1,000
LH0414C	61 59 43	153 2 50	1.00	.70	7.00	.5	.150	7.0	2.0	500
LH0415C	61 57 53	153 0 53	.20	.20	2.00	<.5	.050	3.0	N	N
LH0416C	61 58 4	153 2 58	1.00	.70	20.00	.5	.700	15.0	N	N
LH0417C	61 54 43	153 4 47	3.00	1.50	10.00	.7	.700	5.0	2.0	500
LH0418C	61 52 51	153 3 58	1.00	.20	10.00	.7	2.000	7.0	2.0	500
LH0419C	61 52 21	153 1 54	5.00	.30	5.00	.5	1.000	5.0	5.0	500
LH0420C	61 51 53	153 6 58	2.00	.30	15.00	.7	1.000	10.0	2.0	1,500
LH0421C	61 49 39	153 9 15	1.00	.07	5.00	1.0	1.000	5.0	2.0	<500
LH0422C	61 37 7	153 45 36	5.00	<.05	3.00	<.5	>2.000	3.0	5.0	>20,000
LH0423C	61 35 46	153 45 31	5.00	.05	3.00	<.5	>2.000	3.0	3.0	500
LH0424C	61 33 49	153 45 40	7.00	.07	10.00	.7	1.500	5.0	10.0	3,000
LH0425C	61 32 20	153 45 51	3.00	.10	5.00	.7	1.000	3.0	3.0	1,000
LH0426C	61 34 14	153 43 14	7.00	.07	10.00	.7	2.000	3.0	5.0	7,000
LH0427C	61 30 53	153 47 47	.50	.05	1.00	N	.200	1.0	N	1,500
LH0428C	61 29 20	153 43 38	7.00	.30	5.00	1.0	1.500	2.0	70.0	10,000
LH0429C	61 28 34	153 45 34	.70	.10	1.50	N	.200	1.0	N	500
LH0431C	61 26 17	153 47 32	.70	.07	2.00	N	.300	1.5	N	500
LH0432C	61 25 43	153 42 30	5.00	1.00	5.00	1.5	1.500	2.0	2.0	N
LH0433C	61 23 21	153 47 6	1.50	.10	10.00	.7	.300	3.0	N	N
LH0434C	61 23 26	153 40 55	3.00	.30	10.00	1.0	1.000	2.0	50.0	<500
LH0435C	61 22 14	153 47 39	.70	.05	5.00	.5	2.000	1.5	N	N
LH0436C	61 22 47	153 37 31	.70	.30	20.00	.7	1.500	10.0	N	500
LH0437C	61 23 30	153 35 5	1.00	.50	10.00	.7	2.000	5.0	5.0	2,000
LH0438C	61 21 33	153 31 46	7.00	.10	2.00	.7	2.000	3.0	20.0	1,000
LH0439C	61 21 30	153 31 51	20.00	<.05	2.00	.7	2.000	1.5	100.0	500
LH0440C	61 25 7	153 29 19	30.00	<.05	.20	<.5	.700	N	200.0	500
LH0441C	61 25 46	153 28 23	5.00	.10	10.00	.7	>2.000	5.0	10.0	15,000
LH0442C	61 25 55	153 27 30	10.00	<.05	2.00	.5	>2.000	1.0	10.0	1,500
LH0443C	61 25 42	153 27 20	10.00	.05	1.50	.7	2.000	.7	70.0	3,000
LH0444C	61 27 32	153 34 41	3.00	.20	7.00	1.0	2.000	1.5	20.0	700
LH0445C	61 27 57	153 34 33	5.00	.30	10.00	.7	2.000	1.5	50.0	10,000
LH0446C	61 25 59	153 35 59	5.00	.50	10.00	1.0	1.000	1.0	7.0	700
LH0447C	61 24 35	153 26 1	20.00	<.05	.50	.7	1.500	.5	20.0	700
LH0448C	61 19 35	153 38 37	2.00	.30	7.00	1.0	1.000	3.0	5.0	500
LH0449C	61 19 17	153 33 9	5.00	.10	2.00	1.5	2.000	2.0	20.0	<500
LH0450C	61 19 13	153 33 4	1.50	.07	10.00	1.0	>2.000	7.0	10.0	500
LH0451C	61 16 51	153 39 20	3.00	.20	7.00	1.5	.300	1.5	N	<500
LH0452C	61 16 47	153 39 17	.70	.07	2.00	1.5	1.000	1.5	3.0	N
LH0453C	61 25 13	153 59 37	3.00	<.05	5.00	.7	2.000	5.0	10.0	15,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH0402C	N	50	>10,000	N	N	N	70	30	700
LH0403C	N	N	>10,000	N	N	50	20	<20	100
LH0404C	N	300	>10,000	N	20	N	200	<20	150
LH0406C	N	20	5,000	N	N	N	N	<20	10
LH0407C	N	N	>10,000	N	N	N	30	20	150
LH0408C	N	20	>10,000	N	<20	N	30	<20	200
LH0409C	N	20	>10,000	N	N	N	20	<20	50
LH0410C	N	20	>10,000	N	N	50	70	20	50
LH0411C	N	N	>10,000	N	N	100	70	<20	100
LH0412C	N	20	10,000	N	N	N	150	30	150
LH0413C	N	100	>10,000	N	30	100	150	<20	200
LH0414C	N	100	700	N	N	N	<20	700	10
LH0415C	N	N	200	N	N	N	N	150	<10
LH0416C	N	100	500	N	N	N	<20	500	20
LH0417C	N	N	5,000	N	N	N	20	500	20
LH0418C	N	N	>10,000	N	N	N	<20	200	10
LH0419C	N	N	>10,000	N	150	150	30	200	150
LH0420C	N	300	1,500	N	N	N	<20	30	50
LH0421C	N	200	3,000	2	N	N	20	20	20
LH0422C	N	N	200	2	100	N	700	<20	100
LH0423C	N	N	>10,000	N	N	N	70	20	100
LH0424C	50	N	2,000	N	N	N	100	<20	150
LH0425C	N	30	3,000	2	N	N	30	70	70
LH0426C	N	20	700	N	N	N	100	<20	150
LH0427C	N	20	200	N	N	N	50	<20	100
LH0428C	N	300	700	N	1,000	N	200	<20	500
LH0429C	N	N	150	N	N	N	20	<20	50
LH0431C	N	N	150	N	N	N	30	<20	30
LH0432C	N	50	300	2	100	N	<20	30	150
LH0433C	N	N	150	2	N	N	N	<20	10
LH0434C	N	70	300	2	100	N	<20	<20	150
LH0435C	N	N	150	N	N	N	<20	20	10
LH0436C	N	100	300	N	N	N	N	50	200
LH0437C	N	1,500	150	N	20	N	100	200	200
LH0438C	N	100	1,000	7	<20	N	<20	<20	150
LH0439C	N	N	2,000	3	N	50	20	<20	150
LH0440C	N	N	7,000	N	N	N	30	<20	100
LH0441C	N	N	700	2	700	N	30	50	200
LH0442C	N	N	7,000	5	N	N	50	<20	150
LH0443C	N	N	2,000	3	20	N	<20	<20	100
LH0444C	N	5,000	700	5	150	N	50	30	300
LH0445C	N	>5,000	200	3	150	N	300	30	700
LH0446C	N	2,000	300	5	N	100	20	30	700
LH0447C	N	N	150	N	30	N	100	<20	200
LH0448C	N	20	7,000	2	100	N	<20	30	50
LH0449C	N	20	1,500	3	100	N	<20	<20	200
LH0450C	N	N	7,000	20	N	50	N	<20	70
LH0451C	N	N	300	2	N	N	N	<20	30
LH0452C	N	N	300	2	N	N	N	<20	150
LH0453C	N	100	70	15	70	N	700	<20	200

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LINE HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Nf ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH0402C	<10	N	100	150	N	<50	100	1,000	N	N
LH0403C	<10	N	100	150	N	<50	50	1,500	N	N
LH0404C	10	N	N	100	N	<50	200	20,000	N	200
LH0406C	10	N	300	150	N	N	N	150	N	N
LH0407C	<10	N	200	150	10	<50	70	1,500	N	N
LH0408C	<10	N	N	70	N	<50	30	20	N	N
LH0409C	<10	N	200	70	N	<50	30	300	N	N
LH0410C	<10	N	N	70	N	<50	50	100	N	N
LH0411C	<10	N	N	50	N	<50	50	7,000	N	N
LH0412C	<10	N	150	100	N	<50	500	500	N	N
LH0413C	<10	N	N	150	N	<50	150	>50,000	N	200
LH0414C	N	N	1,000	500	N	N	50	300	N	N
LH0415C	N	N	300	150	N	N	<10	150	N	N
LH0416C	N	N	1,500	1,000	N	<50	20	150	N	N
LH0417C	<10	N	500	1,500	N	<50	20	300	N	N
LH0418C	<10	N	500	500	N	<50	10	500	N	N
LH0419C	N	N	500	500	<10	<50	70	1,000	N	N
LH0420C	10	N	700	1,500	200	50	10	1,500	N	N
LH0421C	10	N	200	500	<10	50	<10	150	N	N
LH0422C	N	N	2,000	300	N	100	700	150	N	N
LH0423C	N	N	N	100	20	50	70	200	N	N
LH0424C	10	N	300	200	N	<50	30	100	N	N
LH0425C	30	N	150	150	N	<50	30	300	N	N
LH0426C	<10	N	300	200	N	50	20	150	N	N
LH0427C	N	N	1,000	150	N	N	<10	30	N	N
LH0428C	20	N	150	700	30	<50	20	5,000	N	N
LH0429C	<10	N	1,000	150	N	N	N	30	N	N
LH0431C	<10	N	300	150	N	N	<10	30	N	N
LH0432C	30	N	300	1,000	N	50	<10	70	N	N
LH0433C	15	N	300	200	N	N	<10	20	N	N
LH0434C	20	N	150	700	150	50	<10	500	N	N
LH0435C	10	N	200	150	N	<50	<10	30	N	N
LH0436C	15	N	700	500	N	<50	<10	1,500	N	N
LH0437C	10	N	300	200	70	50	30	1,000	N	N
LH0438C	10	N	300	200	50	100	<10	1,000	N	N
LH0439C	10	N	150	150	50	50	<10	1,000	N	N
LH0440C	N	N	N	100	N	<50	10	200	N	N
LH0441C	<10	N	700	200	70	150	10	1,500	N	<200
LH0442C	N	N	300	150	N	50	10	500	N	<200
LH0443C	15	N	200	200	N	50	<10	500	N	<200
LH0444C	30	N	150	700	300	50	<10	1,500	N	N
LH0445C	30	N	200	1,000	300	50	10	10,000	N	N
LH0446C	50	N	150	1,000	70	<50	<10	700	N	N
LH0447C	<10	N	N	150	N	100	<10	1,500	N	N
LH0448C	10	N	1,500	500	100	50	<10	300	N	N
LH0449C	10	N	300	700	70	100	<10	1,500	N	N
LH0450C	<10	N	300	700	50	150	<10	700	N	N
LH0451C	10	N	700	700	10	<50	<10	70	N	N
LH0452C	<10	N	1,000	200	20	<50	<10	150	N	N
LH0453C	N	N	>2,000	1,500	N	50	1,000	200	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH0402C	<10	N	3,000	N	N	70	N	70	N	>2,000
LH0403C	<10	N	7,000	N	N	70	N	150	2,000	200
LH0404C	N	N	3,000	N	N	50	70	50	500	>2,000
LH0406C	15	N	300	200	N	70	N	1,000	N	>2,000
LH0407C	10	N	7,000	N	N	100	N	200	N	2,000
LH0408C	<10	20	7,000	N	N	50	N	70	1,500	>2,000
LH0409C	10	N	7,000	N	N	100	N	300	N	>2,000
LH0410C	<10	N	>10,000	N	N	70	N	<20	2,000	500
LH0411C	<10	N	7,000	N	N	70	N	200	5,000	>2,000
LH0412C	30	30	300	N	N	70	100	500	N	>2,000
LH0413C	10	70	1,500	N	N	50	100	150	3,000	>2,000
LH0414C	70	150	200	300	N	70	N	500	N	>2,000
LH0415C	70	N	<200	200	N	<20	N	700	N	>2,000
LH0416C	70	300	500	200	N	70	50	500	N	>2,000
LH0417C	50	50	200	200	N	100	50	300	N	>2,000
LH0418C	20	300	700	N	N	70	N	300	N	>2,000
LH0419C	15	20	1,500	N	N	50	70	200	7,000	>2,000
LH0420C	20	>2,000	500	300	N	70	2,000	300	N	>2,000
LH0421C	15	>2,000	200	200	N	20	2,000	300	2,000	>2,000
LH0422C	150	700	<200	300	1,000	20	1,000	1,000	N	>2,000
LH0423C	15	N	1,500	N	N	50	N	150	N	>2,000
LH0424C	15	N	200	300	N	100	150	300	N	>2,000
LH0425C	N	N	200	N	N	100	200	150	N	>2,000
LH0426C	15	N	200	<200	N	150	50	300	N	>2,000
LH0427C	100	50	N	7,000	5,000	<20	100	1,000	N	>2,000
LH0428C	20	700	300	200	N	150	500	200	N	>2,000
LH0429C	70	50	N	5,000	5,000	50	50	700	N	>2,000
LH0431C	50	N	N	3,000	2,000	70	100	700	N	>2,000
LH0432C	30	150	<200	N	N	150	150	300	N	>2,000
LH0433C	30	N	<200	1,000	<1,000	70	N	300	N	>2,000
LH0434C	50	150	200	500	N	150	5,000	300	N	>2,000
LH0435C	70	N	<200	1,500	<1,000	70	N	700	N	>2,000
LH0436C	20	N	300	N	N	150	100	500	N	>2,000
LH0437C	30	30	<200	200	N	150	300	300	N	>2,000
LH0438C	70	200	N	N	N	50	N	500	3,000	>2,000
LH0439C	50	300	N	N	N	20	50	500	10,000	>2,000
LH0440C	10	N	N	N	N	<20	N	100	N	>2,000
LH0441C	70	150	<200	N	N	70	100	500	1,500	>2,000
LH0442C	70	50	N	N	N	150	50	300	N	>2,000
LH0443C	50	200	N	N	N	30	N	300	N	>2,000
LH0444C	30	150	<200	N	N	150	300	150	N	>2,000
LH0445C	50	150	200	N	N	500	300	300	700	>2,000
LH0446C	30	70	200	N	N	150	100	150	2,000	>2,000
LH0447C	20	N	N	N	N	N	50	100	2,000	>2,000
LH0448C	50	300	<200	200	N	70	10,000	300	N	>2,000
LH0449C	50	1,000	<200	N	N	30	200	300	1,500	>2,000
LH0450C	70	30	300	N	N	20	50	500	7,000	>2,000
LH0451C	20	N	500	3,000	1,500	100	2,000	300	N	>2,000
LH0452C	50	30	<200	1,000	1,500	20	700	500	N	>2,000
LH0453C	200	>2,000	N	500	3,000	20	200	1,500	N	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LINE HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH0454C	61 25 18	153 59 29	3.00	.10	10.00	.5	1.000	7.0	7.0	1,500
LH0455C	61 23 27	153 55 23	3.00	.15	15.00	.7	1.000	10.0	10.0	3,000
LH0456C	61 23 29	153 55 11	3.00	.07	10.00	.7	1.500	7.0	200.0	5,000
LH0457C	61 25 13	153 53 31	15.00	.05	5.00	.7	1.500	5.0	500.0	10,000
LH0458C	61 26 43	153 53 56	7.00	.07	10.00	.7	1.500	7.0	300.0	15,000
LH0459C	61 22 49	153 54 3	.70	.10	2.00	1.0	.300	1.0	N	N
LH0460C	61 20 31	153 53 36	3.00	.10	15.00	.7	>2.000	10.0	5.0	10,000
LH0461C	61 20 30	153 50 48	3.00	.05	15.00	1.0	>2.000	7.0	30.0	>20,000
LH0462C	61 20 5	153 48 45	3.00	.20	10.00	.7	.300	1.0	N	1,000
LH0463C	61 19 10	153 56 28	1.00	.05	20.00	.7	>2.000	20.0	10.0	2,000
LH0464C	61 17 15	153 52 18	1.00	.07	20.00	1.5	1.500	7.0	N	N
LH0465C	61 16 34	153 48 45	1.00	.07	20.00	1.0	>2.000	15.0	N	500
LH0466C	61 56 48	153 27 2	7.00	1.00	3.00	1.0	1.500	3.0	20.0	7,000
LH0467C	61 56 43	153 27 1	10.00	.30	7.00	.7	.700	5.0	20.0	5,000
LH0468C	61 57 52	153 32 2	1.00	.15	20.00	1.0	>2.000	7.0	20.0	N
LH0469C	61 52 46	153 13 27	7.00	2.00	3.00	1.0	>2.000	1.5	N	700
LH0500C	61 47 23	154 4 10	20.00	1.50	5.00	.7	.300	2.0	3.0	2,000
LH0501C	61 45 32	154 2 23	20.00	.30	5.00	.5	.300	.5	3.0	3,000
LH0508C	61 35 26	153 16 30	10.00	.50	7.00	1.0	.700	1.5	30.0	7,000
LH0509C	61 37 46	153 15 20	15.00	.30	5.00	1.0	1.500	1.5	20.0	3,000
LH0510C	61 42 29	153 10 17	3.00	1.50	10.00	1.0	1.500	2.0	2.0	1,000
LH0511C	61 41 1	153 12 7	2.00	.20	20.00	.7	>2.000	20.0	10.0	2,000
LH0512C	61 43 7	153 8 28	5.00	1.00	15.00	1.5	1.500	2.0	15.0	N
LH0513C	61 44 51	153 6 8	1.00	.20	2.00	1.0	1.000	3.0	7.0	1,000
LH0514C	61 47 48	153 5 10	7.00	1.00	3.00	1.0	.700	3.0	200.0	5,000
LH0515C	61 45 50	153 9 27	7.00	3.00	7.00	1.0	1.500	5.0	20.0	1,500
LH0516C	61 45 39	153 12 33	10.00	.20	7.00	.5	1.500	3.0	300.0	20,000
LH0517C	61 47 23	153 15 53	15.00	.20	2.00	<.5	1.500	1.5	70.0	>20,000
LH0600C	61 55 11	154 19 52	7.00	2.00	15.00	1.0	.200	N	1.0	N
LH0601C	61 57 54	154 14 26	20.00	.20	7.00	.7	.150	5.0	2.0	N
LH0602C	61 59 39	154 14 12	30.00	.30	2.00	.5	.070	N	<1.0	N
LH0603C	61 53 33	154 13 41	20.00	.20	3.00	.7	.200	1.5	2.0	1,500
LH0604C	61 50 38	154 8 7	20.00	1.50	7.00	1.0	.200	N	1.0	3,000
LH0605C	61 50 24	154 7 7	7.00	1.00	7.00	.7	.300	.7	10.0	N
LH0606C	61 47 12	154 2 34	15.00	.50	7.00	.7	.300	3.0	20.0	500
LH0607C	61 45 26	153 58 53	30.00	.70	5.00	.5	.200	N	100.0	1,500
LH0608C	61 59 23	153 8 59	5.00	.10	10.00	.7	2.000	7.0	N	N
LH0609C	61 58 37	153 9 27	7.00	.50	7.00	.7	>2.000	5.0	N	N
LH0610C	61 56 54	153 9 50	2.00	.15	7.00	<.5	>2.000	3.0	N	N
LH0611C	61 55 43	153 4 14	.70	.10	20.00	1.0	2.000	>20.0	N	N
LH0612C	61 51 32	153 1 19	5.00	.15	15.00	.7	>2.000	7.0	2.0	<500
LH0613C	61 51 32	153 1 5	1.00	.30	15.00	<.5	.300	7.0	7.0	3,000
LH0614C	61 51 27	153 4 58	3.00	.70	20.00	.7	.150	>20.0	70.0	N
LH0615C	61 47 34	153 9 12	7.00	1.50	15.00	.7	1.500	10.0	15.0	700
LH0616C	61 36 29	153 45 50	5.00	<.05	2.00	<.5	>2.000	7.0	70.0	>20,000
LH0617C	61 36 59	153 48 36	5.00	.07	5.00	.5	>2.000	5.0	20.0	>20,000
LH0618C	61 36 34	153 48 42	1.00	.07	10.00	.7	>2.000	10.0	3.0	2,000
LH0619C	61 34 51	153 47 1	2.00	<.05	5.00	.5	>2.000	7.0	5.0	10,000
LH0620C	61 31 9	153 45 11	1.00	.15	.70	.5	.200	.7	N	1,000
LH0621C	61 32 31	153 50 16	1.00	.07	10.00	<.5	>2.000	10.0	5.0	5,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH0454C	N	70	300	3	<20	N	100	100	150
LH0455C	N	300	500	3	70	N	300	70	200
LH0456C	N	200	300	2	100	N	100	30	200
LH0457C	N	50	150	N	70	N	500	30	200
LH0458C	N	500	150	N	50	N	500	30	200
LH0459C	N	100	500	5	N	N	30	<20	30
LH0460C	N	500	150	5	50	N	500	<20	150
LH0461C	N	300	150	3	150	N	700	<20	300
LH0462C	N	700	700	7	N	N	70	30	10
LH0463C	N	150	70	3	200	N	150	<20	100
LH0464C	N	700	150	3	150	N	<20	<20	100
LH0465C	N	200	300	3	30	N	70	<20	50
LH0466C	N	5,000	>10,000	3	200	N	70	70	1,000
LH0467C	N	300	>10,000	N	70	N	100	30	300
LH0468C	N	20	700	N	N	N	<20	70	15
LH0469C	N	50	1,500	5	30	N	30	300	100
LH0500C	N	200	>10,000	20	N	N	100	50	150
LH0501C	N	N	>10,000	N	N	N	100	30	300
LH0508C	N	100	2,000	5	70	N	100	70	1,000
LH0509C	N	N	>10,000	N	30	N	30	50	200
LH0510C	N	300	500	50	2,000	N	<20	200	50
LH0511C	N	70	300	3	N	N	30	100	200
LH0512C	N	700	700	10	N	N	<20	70	50
LH0513C	N	N	700	5	300	N	<20	30	50
LH0514C	70	1,500	3,000	15	20	N	50	70	2,000
LH0515C	N	20	700	2	N	N	50	300	300
LH0516C	70	70	5,000	7	200	50	70	20	700
LH0517C	N	100	>10,000	N	200	N	100	30	150
LH0600C	N	500	>10,000	N	N	N	30	150	300
LH0601C	N	70	>10,000	N	N	N	100	20	500
LH0602C	N	N	>10,000	N	N	50	100	<20	300
LH0603C	N	N	>10,000	N	N	N	70	<20	500
LH0604C	N	20	>10,000	N	N	N	100	30	150
LH0605C	N	30	>10,000	N	N	N	30	30	150
LH0606C	N	70	>10,000	N	N	N	100	20	200
LH0607C	N	150	700	N	N	N	500	20	150
LH0608C	N	N	>10,000	N	N	N	<20	50	100
LH0609C	N	100	>10,000	3	N	N	50	200	700
LH0610C	N	N	>10,000	N	N	N	<20	30	150
LH0611C	N	N	300	N	N	N	<20	30	10
LH0612C	N	70	>10,000	N	N	N	50	300	200
LH0613C	N	100	>10,000	N	30	N	150	300	30
LH0614C	70	N	500	N	N	N	20	30	30
LH0615C	N	150	1,000	3	N	N	70	50	100
LH0616C	N	N	700	2	200	N	700	<20	150
LH0617C	N	100	500	10	300	N	70	<20	150
LH0618C	N	500	150	3	30	N	30	<20	100
LH0619C	N	N	150	3	30	N	300	<20	30
LH0620C	N	100	1,000	5	N	N	<20	100	30
LH0621C	N	500	300	N	30	N	150	<20	200

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Ni ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH0454C	30	N	300	2,000	20	<50	100	100	N	N
LH0455C	20	N	1,500	3,000	50	<50	300	500	N	N
LH0456C	10	N	2,000	1,000	N	<50	70	500	N	N
LH0457C	10	N	>2,000	500	30	<50	500	3,000	N	N
LH0458C	15	N	>2,000	700	N	<50	700	5,000	N	N
LH0459C	20	N	500	200	N	N	<10	100	N	N
LH0460C	10	N	1,000	3,000	N	100	300	70	N	N
LH0461C	<10	N	1,500	3,000	N	100	500	70	N	N
LH0462C	30	N	2,000	1,000	N	N	20	20	N	N
LH0463C	<10	N	1,000	3,000	N	100	100	200	N	N
LH0464C	15	N	1,500	3,000	N	70	<10	30	N	N
LH0465C	10	N	700	7,000	N	70	50	150	N	N
LH0466C	30	N	700	700	N	50	70	200	N	200
LH0467C	<10	N	200	500	N	<50	200	3,000	N	200
LH0468C	<10	N	700	200	N	<50	<10	30	N	N
LH0469C	30	N	500	3,000	10	50	50	150	N	N
LH0500C	15	N	N	200	N	<50	150	150	N	N
LH0501C	10	N	N	150	N	<50	300	500	N	N
LH0508C	70	N	1,500	1,000	N	<50	50	7,000	N	N
LH0509C	20	N	150	500	N	<50	20	5,000	N	N
LH0510C	20	N	500	1,000	15	70	20	200	N	N
LH0511C	10	N	1,000	1,000	N	70	20	500	N	N
LH0512C	30	N	700	1,500	20	70	10	5,000	N	N
LH0513C	10	N	1,500	500	700	100	<10	5,000	N	N
LH0514C	15	N	300	2,000	30	<50	70	2,000	N	<200
LH0515C	15	N	700	3,000	50	70	50	2,000	N	<200
LH0516C	10	N	300	1,500	700	100	50	>50,000	N	<200
LH0517C	10	N	200	200	N	<50	100	7,000	N	200
LH0600C	20	N	N	300	N	<50	70	700	N	N
LH0601C	<10	N	150	150	20	<50	300	70	N	N
LH0602C	<10	N	N	50	N	<50	200	50	N	N
LH0603C	<10	N	N	100	20	<50	500	70	N	N
LH0604C	10	N	N	150	N	<50	200	200	N	N
LH0605C	<10	N	150	150	50	<50	50	2,000	N	N
LH0606C	<10	N	N	150	N	<50	300	2,000	N	N
LH0607C	10	N	N	150	N	<50	500	15,000	N	300
LH0608C	10	N	300	500	N	<50	30	300	N	N
LH0609C	15	N	700	1,500	N	50	70	150	N	N
LH0610C	N	N	150	300	N	50	10	150	N	N
LH0611C	<10	N	700	1,500	N	<50	<10	N	N	<200
LH0612C	<10	N	500	2,000	N	50	30	200	N	<200
LH0613C	<10	N	1,000	300	N	<50	50	700	N	N
LH0614C	<10	N	700	1,500	20	<50	<10	3,000	N	N
LH0615C	20	N	700	1,500	100	50	30	3,000	N	<200
LH0616C	N	N	200	700	N	200	500	700	N	N
LH0617C	20	N	300	500	N	200	20	150	N	N
LH0618C	10	N	1,000	2,000	20	150	<10	100	N	N
LH0619C	<10	N	200	500	N	150	200	500	N	N
LH0620C	30	N	N	100	N	<50	10	N	N	N
LH0621C	10	N	700	1,000	N	100	50	100	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH0454C	70	50	<200	N	N	150	50	700	N	>2,000
LH0455C	150	>2,000	<200	<200	N	70	100	1,500	N	>2,000
LH0456C	150	1,000	<200	2,000	2,000	70	150	1,000	N	>2,000
LH0457C	150	1,500	<200	2,000	3,000	70	500	1,000	N	>2,000
LH0458C	200	1,500	<200	1,500	3,000	70	100	1,500	N	>2,000
LH0459C	70	30	<200	>5,000	5,000	50	N	1,000	N	>2,000
LH0460C	150	>2,000	<200	200	1,000	30	100	1,500	N	>2,000
LH0461C	150	>2,000	<200	200	N	20	300	1,000	N	>2,000
LH0462C	150	30	<200	2,000	1,000	100	N	700	N	>2,000
LH0463C	150	>2,000	<200	N	N	30	150	1,000	N	>2,000
LH0464C	100	2,000	<200	<200	<1,000	<20	300	1,500	N	>2,000
LH0465C	100	>2,000	<200	N	<1,000	20	70	1,500	N	>2,000
LH0466C	20	>2,000	200	N	N	150	300	200	N	>2,000
LH0467C	15	1,000	1,000	N	N	70	200	200	N	>2,000
LH0468C	50	N	200	N	N	200	N	1,000	N	>2,000
LH0469C	70	20	<200	<200	N	150	N	500	N	>2,000
LH0500C	10	N	500	N	N	70	50	70	1,000	300
LH0501C	<10	N	500	N	N	70	N	30	700	200
LH0508C	30	700	300	500	N	100	150	300	1,000	>2,000
LH0509C	30	100	N	N	N	100	N	150	N	>2,000
LH0510C	50	>2,000	200	1,000	1,000	100	200	1,500	N	>2,000
LH0511C	30	>2,000	700	300	N	150	200	700	N	>2,000
LH0512C	50	>2,000	500	1,000	<1,000	150	300	1,000	N	>2,000
LH0513C	70	>2,000	<200	3,000	1,500	70	15,000	1,000	N	>2,000
LH0514C	30	>2,000	200	N	N	150	3,000	300	N	>2,000
LH0515C	70	200	300	N	N	150	200	200	N	>2,000
LH0516C	20	>2,000	200	700	1,000	70	>20,000	700	3,000	>2,000
LH0517C	15	1,000	500	N	N	70	300	150	500	>2,000
LH0600C	15	N	3,000	N	N	100	N	30	500	300
LH0601C	<10	N	2,000	300	N	70	N	300	1,500	>2,000
LH0602C	N	N	7,000	N	N	N	N	N	5,000	200
LH0603C	<10	N	1,500	N	N	70	N	70	700	200
LH0604C	10	N	>10,000	N	N	70	N	50	2,000	>2,000
LH0605C	15	N	7,000	300	N	70	300	200	1,500	>2,000
LH0606C	<10	N	2,000	N	N	70	N	100	1,000	300
LH0607C	<10	30	700	<200	N	50	2,000	50	700	1,000
LH0608C	15	N	1,000	N	N	70	N	300	1,500	>2,000
LH0609C	30	N	1,000	N	N	200	N	300	700	>2,000
LH0610C	15	N	5,000	N	N	70	N	300	1,500	>2,000
LH0611C	15	300	1,000	N	N	70	N	300	N	>2,000
LH0612C	20	N	1,500	N	N	150	N	200	1,500	>2,000
LH0613C	30	200	2,000	<200	N	70	300	500	N	>2,000
LH0614C	30	1,500	700	N	N	70	500	200	N	>2,000
LH0615C	50	>2,000	700	200	N	200	150	300	N	>2,000
LH0616C	100	500	N	<200	N	50	3,000	700	N	>2,000
LH0617C	100	2,000	<200	N	N	70	3,000	300	N	>2,000
LH0618C	150	150	<200	<200	N	50	300	700	N	>2,000
LH0619C	150	700	<200	N	N	70	1,000	700	N	>2,000
LH0620C	N	N	<200	N	N	150	150	50	N	>2,000
LH0621C	200	200	<200	N	N	70	500	700	N	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LINE HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH0622C	61 32 5	153 51 10	2.00	<.05	2.00	<.5	>2.000	3.0	7.0	3,000
LH0623C	61 31 50	153 51 16	2.00	.05	3.00	<.5	2.000	5.0	20.0	>20,000
LH0624C	61 26 53	153 44 1	3.00	.30	5.00	.7	>2.000	5.0	5.0	3,000
LH0625C	61 26 25	153 42 7	5.00	.30	5.00	1.0	>2.000	3.0	N	10,000
LH0626C	61 24 26	153 46 1	.70	.10	10.00	.7	.700	10.0	N	N
LH0628C	61 25 14	153 59 19	7.00	.15	1.50	.5	.200	3.0	10.0	500
LH0629C	61 23 31	153 56 59	2.00	<.05	15.00	.7	>2.000	7.0	5.0	10,000
LH0630C	61 28 56	153 55 58	2.00	<.05	20.00	.7	.300	>20.0	50.0	500
LH0631C	61 28 45	153 55 13	5.00	.05	20.00	.7	>2.000	20.0	300.0	5,000
LH0632C	61 28 17	153 54 36	3.00	.20	7.00	.7	>2.000	7.0	10.0	N
LH0633C	61 22 42	153 54 30	.50	<.05	20.00	.7	>2.000	5.0	N	1,500
LH0634C	61 21 2	153 51 6	1.00	<.05	7.00	1.0	.150	.5	N	N
LH0635C	61 17 51	153 50 14	3.00	.30	30.00	1.0	1.500	20.0	N	N
LH0636C	61 17 11	153 53 27	3.00	.50	20.00	1.0	.700	20.0	10.0	10,000
LH0637C	61 17 17	153 53 29	2.00	.07	20.00	.7	>2.000	20.0	3.0	3,000
LH0638C	61 18 57	153 43 16	.30	<.05	2.00	<.5	.150	3.0	N	N
LH0643C	61 56 47	153 26 19	15.00	1.00	7.00	.7	.700	5.0	2.0	N
LH0644C	61 57 33	153 30 49	10.00	1.50	3.00	.7	2.000	3.0	20.0	5,000
LH0645C	61 57 29	153 30 57	15.00	.50	3.00	.5	.700	3.0	300.0	7,000
LH0646C	61 51 48	153 11 43	1.50	.10	3.00	.5	1.000	5.0	100.0	1,500
LH0647C	61 51 2	153 15 16	.50	.07	3.00	<.5	.500	3.0	20.0	N
LH0700C	61 44 41	153 14 7	7.00	1.00	7.00	1.0	2.000	5.0	7.0	N
LH0701C	61 46 5	153 5 38	1.00	.10	10.00	1.5	1.000	5.0	15.0	700
LH0702C	61 49 10	153 2 35	5.00	.10	10.00	.7	>2.000	7.0	200.0	500
LH0703C	61 49 2	153 2 47	20.00	.30	5.00	.7	1.000	3.0	700.0	1,500
LH0704C	61 46 50	153 10 17	10.00	1.00	7.00	1.0	1.000	3.0	200.0	5,000
LH0705C	61 45 59	153 13 34	5.00	1.50	15.00	1.5	1.000	7.0	N	N
LH0706C	61 47 51	153 19 47	1.00	.10	15.00	<.5	.700	20.0	N	N
LH0800C	61 52 7	153 53 46	7.00	.07	1.50	<.5	1.500	1.5	20.0	>20,000
LH0801C	61 51 48	153 53 27	3.00	.10	1.50	<.5	1.000	1.0	7.0	15,000
LH0802C	61 50 56	153 52 55	15.00	<.05	2.00	<.5	.200	N	20.0	>20,000
LH0803C	61 50 50	153 52 54	2.00	<.05	15.00	.5	1.000	<.5	20.0	10,000
LH0804C	61 51 5	154 17 43	30.00	1.00	5.00	.7	.300	N	5.0	1,500
LH0805C	61 56 3	153 29 53	7.00	.50	10.00	<.5	>2.000	7.0	3.0	N
LH0819C	61 45 12	153 39 35	30.00	.15	.50	<.5	.150	N	20.0	>20,000
LH0820C	61 45 14	153 39 10	20.00	.10	1.50	<.5	.200	1.0	100.0	>20,000
LH0825C	61 45 52	153 37 32	30.00	.15	1.50	<.5	1.500	1.5	10.0	>20,000
LH0830C	61 50 28	154 21 13	20.00	.30	3.00	.5	2.000	1.0	7.0	3,000
LH0831C	61 50 39	154 26 4	20.00	.30	3.00	.5	2.000	1.5	N	N
LH0832C	61 50 45	154 26 4	15.00	.30	3.00	.5	2.000	1.0	N	3,000
LH0833C	61 50 34	154 27 31	5.00	.20	2.00	<.5	.150	N	N	N
LH0834C	61 50 31	154 28 22	3.00	.20	1.50	<.5	.200	<.5	N	<500
LH0835C	61 48 9	154 28 9	2.00	.20	.50	<.5	.050	<.5	N	N
LH0836C	61 48 14	154 28 5	2.00	.20	1.50	<.5	.150	N	N	N
LH0837C	61 22 9	154 1 26	7.00	.05	15.00	.7	2.000	7.0	20.0	7,000
LH0838C	61 22 2	154 2 2	2.00	.10	20.00	.7	>2.000	7.0	5.0	3,000
LH0839C	61 19 46	154 0 29	15.00	<.05	10.00	<.5	1.000	5.0	200.0	>20,000
LH0840C	61 19 51	154 0 37	2.00	<.05	15.00	<.5	2.000	5.0	200.0	10,000
LH0841C	61 18 36	154 13 32	1.00	.07	20.00	<.5	>2.000	7.0	N	500
LH0842C	61 15 34	154 16 15	1.00	.10	7.00	.5	>2.000	5.0	2.0	2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH0622C	N	N	150	3	30	N	200	<20	200
LH0623C	N	100	300	2	N	N	700	<20	70
LH0624C	N	20	500	3	100	N	30	30	700
LH0625C	N	150	500	7	N	N	20	20	200
LH0626C	N	50	300	N	N	N	N	<20	200
LH0628C	N	150	500	5	N	N	30	70	50
LH0629C	N	70	200	5	70	N	700	<20	100
LH0630C	N	N	70	N	N	N	20	<20	20
LH0631C	N	N	150	N	30	N	<20	<20	100
LH0632C	N	2,000	300	3	N	N	50	30	300
LH0633C	N	50	150	100	50	N	100	<20	10
LH0634C	N	20	500	5	N	N	30	<20	150
LH0635C	N	3,000	200	3	N	N	<20	20	700
LH0636C	N	5,000	500	3	500	N	300	100	150
LH0637C	N	1,000	150	10	20	N	100	20	100
LH0638C	N	20	300	N	N	N	N	<20	<10
LH0643C	N	100	>10,000	N	N	N	100	70	500
LH0644C	N	>5,000	10,000	2	500	N	300	150	1,000
LH0645C	N	1,500	>10,000	N	700	N	300	30	1,000
LH0646C	50	100	700	N	N	N	30	100	10
LH0647C	30	50	300	N	N	N	N	100	<10
LH0700C	20	700	3,000	3	N	N	20	50	50
LH0701C	N	200	700	5	1,500	N	30	50	150
LH0702C	20	100	>10,000	N	N	N	30	70	200
LH0703C	50	300	>10,000	N	20	N	100	300	700
LH0704C	N	100	1,000	3	20	N	50	150	700
LH0705C	N	500	300	7	N	N	<20	100	50
LH0706C	N	100	700	N	<20	N	N	70	10
LH0800C	N	N	150	N	200	N	3,000	150	150
LH0801C	N	50	1,500	N	200	N	150	50	150
LH0802C	N	N	70	10	1,000	N	200	<20	2,000
LH0803C	N	N	70	7	150	N	70	<20	70
LH0804C	N	30	>10,000	N	N	N	200	30	100
LH0805C	N	150	500	2	30	N	30	150	150
LH0819C	N	N	>10,000	N	N	N	200	30	150
LH0820C	500	N	>10,000	N	N	N	50	30	100
LH0825C	N	20	10,000	N	200	N	1,000	100	200
LH0830C	N	30	>10,000	N	20	N	150	70	150
LH0831C	N	150	>10,000	N	N	50	70	70	200
LH0832C	N	20	>10,000	3	N	N	150	70	150
LH0833C	N	100	>10,000	N	N	N	<20	50	50
LH0834C	N	30	>10,000	N	N	N	<20	<20	50
LH0835C	N	N	>10,000	N	N	N	<20	150	150
LH0836C	N	20	>10,000	N	N	N	<20	30	50
LH0837C	N	70	>10,000	30	500	N	300	<20	70
LH0838C	N	50	1,000	15	100	N	70	<20	200
LH0839C	N	20	200	3	200	N	1,000	<20	100
LH0840C	N	N	300	7	150	N	700	<20	70
LH0841C	N	50	200	2	30	N	20	20	10
LH0842C	N	500	700	15	30	N	70	20	<10

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Ni ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH0622C	<10	N	500	300	N	200	150	1,000	N	N
LH0623C	<10	N	1,500	500	N	<50	500	2,000	N	N
LH0624C	20	N	300	1,000	200	150	10	700	N	N
LH0625C	70	N	300	1,000	20	100	<10	100	N	N
LH0626C	10	N	700	300	N	<50	<10	70	N	N
LH0628C	50	N	N	200	N	<50	70	1,500	N	N
LH0629C	10	N	500	2,000	N	100	700	70	N	N
LH0630C	<10	N	300	1,500	100	<50	<10	300	N	N
LH0631C	<10	N	500	1,000	70	50	<10	10,000	N	N
LH0632C	20	N	>2,000	1,000	N	70	20	150	N	N
LH0633C	10	N	500	3,000	N	150	50	30	N	N
LH0634C	50	N	N	300	N	N	<10	200	N	N
LH0635C	15	N	1,500	7,000	N	50	<10	30	N	N
LH0636C	30	N	1,500	5,000	N	50	150	70	N	N
LH0637C	15	N	1,500	5,000	N	150	50	70	N	N
LH0638C	<10	N	300	200	N	N	N	<20	N	N
LH0643C	15	N	200	1,000	N	<50	150	2,000	N	N
LH0644C	30	N	300	500	N	50	300	700	N	<200
LH0645C	10	N	200	300	N	<50	300	15,000	N	200
LH0646C	30	N	200	150	N	50	10	200	N	N
LH0647C	20	N	150	150	N	<50	<10	N	N	N
LH0700C	20	N	300	1,000	N	70	10	100	N	N
LH0701C	20	N	300	700	200	50	20	1,500	N	N
LH0702C	<10	N	300	700	150	70	30	15,000	N	200
LH0703C	10	N	300	1,500	N	50	150	20,000	N	500
LH0704C	30	N	500	3,000	70	50	30	10,000	N	<200
LH0705C	20	N	500	1,500	N	70	10	100	N	N
LH0706C	20	N	300	200	N	<50	<10	50	N	N
LH0800C	<10	N	200	150	15	50	1,500	2,000	N	N
LH0801C	<10	N	300	150	200	70	50	150	N	N
LH0802C	<10	N	100	100	300	<50	<10	1,000	N	N
LH0803C	<10	N	300	150	300	70	N	2,000	N	N
LH0804C	<10	N	100	150	N	<50	150	700	N	N
LH0805C	15	N	700	1,000	N	50	20	300	N	N
LH0819C	<10	N	N	200	N	<50	500	200	N	200
LH0820C	<10	N	N	200	N	<50	70	70	N	1,000
LH0825C	<10	N	150	300	N	<50	1,000	200	N	300
LH0830C	<10	N	150	50	N	<50	500	1,000	N	N
LH0831C	<10	N	150	100	N	50	300	500	N	N
LH0832C	<10	N	100	70	N	<50	150	500	N	N
LH0833C	N	N	N	70	N	<50	30	N	N	N
LH0834C	<10	N	N	70	<10	<50	30	20	N	N
LH0835C	N	N	N	100	N	<50	20	N	N	N
LH0836C	N	N	N	100	N	<50	20	N	N	N
LH0837C	10	N	200	3,000	N	100	300	100	N	N
LH0838C	20	N	700	5,000	50	100	100	30	N	N
LH0839C	<10	N	150	3,000	N	100	1,000	300	N	N
LH0840C	<10	N	500	3,000	N	70	1,000	20	N	N
LH0841C	<10	N	300	5,000	N	150	10	50	N	N
LH0842C	10	<20	300	2,000	N	500	30	30	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH0622C	200	150	<200	N	N	100	300	500	N	>2,000
LH0623C	150	70	N	2,000	3,000	70	300	1,000	N	>2,000
LH0624C	30	500	200	N	N	200	20,000	300	N	>2,000
LH0625C	30	300	200	N	N	150	500	200	N	>2,000
LH0626C	30	N	<200	300	<1,000	70	200	700	N	>2,000
LH0628C	N	20	N	N	N	100	N	150	500	>2,000
LH0629C	150	>2,000	<200	N	N	20	500	700	N	>2,000
LH0630C	20	20	200	N	N	20	N	1,000	N	>2,000
LH0631C	50	1,500	200	N	N	70	500	1,000	N	>2,000
LH0632C	200	30	<200	1,500	1,000	100	N	700	N	>2,000
LH0633C	100	>2,000	<200	N	N	30	200	1,000	N	>2,000
LH0634C	30	N	<200	1,000	<1,000	50	300	500	N	>2,000
LH0635C	70	1,500	<200	200	N	70	N	1,500	N	>2,000
LH0636C	70	>2,000	<200	300	2,000	70	150	1,500	N	>2,000
LH0637C	100	>2,000	<200	200	1,000	70	150	1,500	N	>2,000
LH0638C	70	20	<200	500	1,500	20	2,000	700	N	>2,000
LH0643C	20	200	500	N	N	150	N	200	2,000	>2,000
LH0644C	30	700	1,000	N	N	300	N	200	N	>2,000
LH0645C	10	>2,000	1,500	N	N	70	N	150	1,000	>2,000
LH0646C	15	1,000	<200	N	N	150	500	300	N	>2,000
LH0647C	15	500	<200	N	N	150	300	300	N	>2,000
LH0700C	20	1,500	200	200	N	200	N	300	N	>2,000
LH0701C	30	>2,000	200	200	N	150	10,000	500	N	>2,000
LH0702C	20	2,000	700	200	N	150	300	300	2,000	>2,000
LH0703C	15	>2,000	500	N	N	100	200	200	1,500	>2,000
LH0704C	30	2,000	300	<200	N	200	2,000	300	1,500	>2,000
LH0705C	30	1,500	500	700	N	200	100	700	N	>2,000
LH0706C	10	700	300	N	N	150	300	500	N	>2,000
LH0800C	20	70	N	>5,000	7,000	150	10,000	500	1,000	>2,000
LH0801C	30	150	N	>5,000	7,000	50	10,000	700	N	>2,000
LH0802C	10	1,000	N	2,000	3,000	N	1,000	500	N	>2,000
LH0803C	20	>2,000	N	>5,000	7,000	20	1,000	700	N	>2,000
LH0804C	N	150	700	N	N	100	N	70	500	2,000
LH0805C	70	20	300	N	N	150	100	500	N	>2,000
LH0819C	N	N	N	N	N	70	1,000	30	N	500
LH0820C	N	N	1,500	N	N	50	5,000	70	N	500
LH0825C	15	N	N	N	N	150	200	150	N	>2,000
LH0830C	10	200	2,000	N	N	100	N	100	500	>2,000
LH0831C	15	20	1,500	N	N	150	N	150	3,000	>2,000
LH0832C	10	200	5,000	N	N	100	N	100	2,000	>2,000
LH0833C	N	N	5,000	N	N	<20	N	30	N	1,000
LH0834C	N	200	5,000	N	N	50	N	50	1,000	2,000
LH0835C	N	200	3,000	N	N	20	N	<20	N	200
LH0836C	N	N	7,000	N	N	20	N	<20	<500	500
LH0837C	70	>2,000	<200	N	N	20	500	700	N	>2,000
LH0838C	70	>2,000	<200	N	N	20	100	1,000	N	>2,000
LH0839C	50	>2,000	N	N	<1,000	<20	200	700	N	>2,000
LH0840C	150	>2,000	N	N	1,000	<20	70	700	N	>2,000
LH0841C	100	>2,000	N	N	N	30	70	1,000	N	>2,000
LH0842C	70	>2,000	N	N	N	20	100	700	N	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH0843C	61 15 26	154 16 16	2.00	.30	5.00	1.5	>2.000	3.0	3.0	700
LH0844C	61 16 20	154 21 34	1.00	.15	20.00	.5	>2.000	10.0	7.0	N
LH0845C	61 14 45	154 20 33	1.00	.15	20.00	.5	>2.000	10.0	50.0	N
LH0846C	61 15 43	154 10 19	2.00	.05	10.00	.7	>2.000	7.0	10.0	7,000
LH0847C	61 15 41	154 10 39	2.00	.20	5.00	.7	>2.000	5.0	2.0	20,000
LH0848C	61 15 9	154 12 14	5.00	.10	30.00	.5	>2.000	7.0	5.0	7,000
LH0849C	61 14 42	154 11 51	3.00	.10	>50.00	<.5	>2.000	1.5	10.0	3,000
LH0850C	61 12 51	154 16 24	.50	.07	20.00	1.0	>2.000	15.0	N	N
LH0851C	61 11 28	154 18 1	5.00	.70	15.00	.7	>2.000	10.0	N	500
LH0852C	61 9 27	154 19 18	1.00	.50	5.00	.7	>2.000	3.0	N	<500
LH0853C	61 9 58	154 14 38	1.00	.20	5.00	.5	>2.000	5.0	N	<500
LH0854C	61 9 57	154 15 37	1.00	.50	1.50	.5	>2.000	3.0	N	<500
LH0855C	61 9 7	154 8 27	2.00	.30	2.00	<.5	>2.000	3.0	2.0	3,000
LH0856C	61 9 12	154 8 32	2.00	.20	15.00	.7	>2.000	7.0	N	2,000
LH0857C	61 5 39	154 10 24	5.00	1.00	2.00	.5	>2.000	3.0	N	<500
LH0858C	61 5 36	154 10 9	2.00	1.00	5.00	.5	>2.000	5.0	N	N
LH0859C	61 8 30	154 2 47	5.00	.30	2.00	<.5	>2.000	5.0	100.0	1,500
LH0860C	61 10 0	154 2 52	1.50	.20	20.00	.7	>2.000	7.0	7.0	500
LH0861C	61 12 9	154 4 51	1.50	.10	20.00	.7	>2.000	7.0	20.0	3,000
LH0862C	61 14 14	154 5 53	2.00	.10	30.00	.5	>2.000	15.0	5.0	1,500
LH0863C	61 14 17	154 6 10	1.50	.10	30.00	.5	>2.000	15.0	2.0	500
LH0873C	61 16 31	153 57 46	2.00	.10	50.00	.5	2.000	20.0	2.0	N
LH0874C	61 16 7	153 59 7	5.00	.10	30.00	.5	2.000	15.0	70.0	N
LH0875C	61 16 13	154 0 44	2.00	.10	30.00	.5	>2.000	20.0	2.0	N
LH0876C	61 15 29	154 1 44	2.00	.10	30.00	.5	>2.000	15.0	2.0	500
LH0877C	61 14 53	154 0 12	3.00	.70	30.00	<.5	>2.000	10.0	2.0	N
LH0878C	61 12 43	153 59 50	7.00	.30	10.00	.5	>2.000	5.0	3.0	3,000
LH0879C	61 10 45	153 58 56	7.00	3.00	7.00	.5	>2.000	2.0	3.0	3,000
LH0880C	61 12 33	153 56 1	5.00	.70	7.00	<.5	>2.000	5.0	N	N
LH0881C	61 13 53	153 54 43	10.00	3.00	15.00	.5	2.000	5.0	2.0	1,500
LH0882C	61 14 53	153 53 9	2.00	.50	30.00	.7	>2.000	10.0	N	N
LH0883C	61 14 39	153 43 55	7.00	.50	15.00	.5	2.000	7.0	5.0	2,000
LH0884C	61 12 7	153 46 21	7.00	1.50	15.00	.7	1.000	3.0	2.0	15,000
LH0886C	61 12 37	153 40 9	7.00	.30	10.00	<.5	2.000	1.5	3.0	3,000
LH0887C	61 14 5	153 36 59	1.00	.10	1.50	N	.700	3.0	N	N
LH0888C	61 16 2	153 34 37	7.00	.70	15.00	.7	2.000	3.0	30.0	3,000
LH0889C	61 18 57	153 28 6	7.00	.50	1.50	.5	>2.000	.7	20.0	5,000
LH0890C	61 19 56	153 26 15	7.00	1.00	7.00	.7	>2.000	.5	20.0	<500
LH0891C	61 20 48	153 25 39	7.00	1.50	1.50	1.0	>2.000	.5	20.0	<500
LH0892C	61 21 19	153 24 45	10.00	.15	2.00	<.5	>2.000	.5	100.0	10,000
LH0893C	61 21 20	153 23 44	10.00	2.00	7.00	<1.0	>2.000	3.0	2.0	1,500
LH0894C	61 20 58	153 23 40	10.00	.20	1.50	.7	>2.000	.5	5.0	10,000
LH0895C	61 20 28	153 25 31	7.00	.70	3.00	.7	>2.000	.7	2.0	1,000
LH0896C	61 19 57	153 19 10	1.00	.50	1.00	N	.500	1.5	2.0	1,500
LH0897C	61 19 33	153 21 18	1.00	.10	1.00	N	.500	1.0	N	500
LH0898C	61 18 37	153 26 8	7.00	1.50	3.00	1.5	1.000	1.0	30.0	N
LH0899C	61 17 48	153 30 34	7.00	.20	1.50	.5	2.000	1.0	3.0	3,000
LH0900C	61 51 2	153 53 41	7.00	<.05	10.00	<.5	.150	<.5	150.0	20,000
LH0901C	61 51 46	154 0 18	10.00	2.00	15.00	.7	1.500	.7	50.0	15,000
LH0902C	61 51 51	154 0 44	7.00	1.50	20.00	.7	.700	<.5	30.0	3,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH0843C	N	1,000	2,000	7	N	N	70	50	15
LH0844C	N	500	500	3	2,000	N	N	50	20
LH0845C	N	150	300	2	300	N	N	50	15
LH0846C	N	150	300	2	100	N	300	<20	100
LH0847C	N	300	300	5	70	N	700	70	30
LH0848C	N	N	100	200	30	N	100	20	20
LH0849C	N	N	70	15	<20	N	30	<20	10
LH0850C	N	30	300	5	200	N	<20	<20	<10
LH0851C	N	30	>10,000	N	N	N	50	300	50
LH0852C	N	30	7,000	N	N	N	<20	150	20
LH0853C	N	50	>10,000	N	N	N	50	200	50
LH0854C	N	30	>10,000	2	N	N	20	200	30
LH0855C	N	500	>10,000	N	30	N	20	70	50
LH0856C	N	150	7,000	2	30	N	20	150	150
LH0857C	N	50	5,000	2	N	N	30	200	50
LH0858C	N	50	>10,000	N	N	N	20	200	50
LH0859C	300	N	>10,000	N	N	N	70	70	500
LH0860C	N	150	1,500	3	30	N	20	70	100
LH0861C	N	150	300	7	300	N	50	<20	70
LH0862C	N	30	150	3	30	N	70	30	150
LH0863C	N	200	150	7	<20	N	<20	30	150
LH0873C	N	500	300	5	N	N	N	30	30
LH0874C	N	150	200	2	N	N	30	30	70
LH0875C	N	200	150	N	200	N	N	<20	30
LH0876C	N	200	150	3	N	N	30	30	70
LH0877C	N	1,000	200	2	200	N	<20	150	10
LH0878C	N	3,000	7,000	5	700	N	100	70	200
LH0879C	N	200	10,000	2	50	N	70	500	150
LH0880C	N	500	3,000	2	N	N	20	70	150
LH0881C	N	2,000	>10,000	3	N	N	100	700	1,000
LH0882C	N	500	500	2	N	N	N	70	— 10
LH0883C	N	20	3,000	N	N	N	100	150	500
LH0884C	N	20	700	3	N	N	200	500	150
LH0886C	N	100	500	2	N	N	30	300	100
LH0887C	N	N	150	N	N	N	N	<20	70
LH0888C	N	20	700	3	N	N	50	50	200
LH0889C	N	N	2,000	3	20	N	20	100	1,000
LH0890C	N	N	2,000	5	30	N	<20	200	300
LH0891C	N	N	300	5	20	N	<20	30	70
LH0892C	N	N	150	3	50	N	<20	150	30
LH0893C	N	1,500	700	5	N	N	<50	150	150
LH0894C	N	N	300	3	50	N	50	<20	100
LH0895C	N	N	-500	5	50	N	<20	30	30
LH0896C	N	100	150	2	500	N	N	70	70
LH0897C	N	N	150	N	700	N	N	<20	50
LH0898C	N	N	10,000	3	500	150	<20	150	100
LH0899C	N	N	5,000	3	50	N	30	50	70
LH0900C	N	30	300	3	700	N	50	N	150
LH0901C	N	2,000	>10,000	2	100	N	500	150	150
LH0902C	N	1,500	1,500	2	<20	N	500	200	50

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Nf ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH0843C	20	N	500	3,000	N	200	30	300	N	N
LH0844C	30	N	100	3,000	N	200	15	20	N	N
LH0845C	10	N	300	5,000	N	200	10	<20	N	N
LH0846C	<10	N	1,500	3,000	N	200	500	100	N	N
LH0847C	10	N	300	1,500	N	700	200	30	N	N
LH0848C	10	N	700	3,000	N	200	70	100	N	N
LH0849C	<10	N	700	1,500	N	150	15	30	N	N
LH0850C	<10	N	500	5,000	N	100	10	<20	N	N
LH0851C	<10	N	200	2,000	N	150	50	50	N	7,000
LH0852C	10	N	200	700	N	100	20	30	N	5,000
LH0853C	<10	N	700	200	N	150	30	50	N	N
LH0854C	<10	N	700	500	N	200	20	30	N	N
LH0855C	<10	N	500	300	N	150	30	30	N	N
LH0856C	10	N	1,000	5,000	N	150	30	20	N	N
LH0857C	<10	N	1,000	1,500	N	150	50	30	N	N
LH0858C	10	N	300	1,500	N	100	30	70	N	N
LH0859C	<10	N	200	2,000	N	200	100	10,000	N	<200
LH0860C	10	N	500	5,000	N	150	10	100	N	N
LH0861C	30	N	300	5,000	N	300	30	500	N	N
LH0862C	10	N	1,500	7,000	20	200	50	150	N	N
LH0863C	10	N	700	7,000	N	500	15	20	N	N
LH0873C	<10	N	1,000	10,000	N	50	<10	<20	N	N
LH0874C	10	N	1,000	7,000	N	50	30	1,500	N	N
LH0875C	<10	N	1,000	10,000	N	70	<10	20	N	N
LH0876C	<10	N	1,500	7,000	N	150	20	20	N	N
LH0877C	10	N	>2,000	7,000	N	50	10	20	N	N
LH0878C	30	N	700	3,000	N	100	150	30	N	N
LH0879C	10	N	500	3,000	N	70	150	50	N	N
LH0880C	<10	N	1,500	2,000	N	100	50	<20	N	N
LH0881C	20	N	700	5,000	N	50	200	70	N	N
LH0882C	10	N	1,000	7,000	N	100	10	<20	N	— N
LH0883C	10	N	700	1,500	N	<50	150	150	N	N
LH0884C	30	N	200	700	N	<50	150	N	N	N
LH0886C	50	N	100	1,000	N	<50	70	70	N	N
LH0887C	N	N	1,000	500	N	<50	N	50	N	N
LH0888C	30	N	200	1,500	150	<50	30	10,000	N	N
LH0889C	15	N	200	700	30	100	10	1,000	N	N
LH0890C	50	N	200	2,000	700	100	10	5,000	N	N
LH0891C	50	N	200	3,000	30	50	<10	700	N	N
LH0892C	15	N	150	1,500	300	70	<10	1,500	N	N
LH0893C	<20	N	300	5,000	N	200	20	100	N	N
LH0894C	20	N	150	1,000	10	70	<10	500	N	N
LH0895C	30	N	200	2,000	100	70	<10	700	N	N
LH0896C	N	N	>2,000	3,000	30	200	N	100	N	N
LH0897C	N	N	>2,000	2,000	50	150	N	150	N	N
LH0898C	30	N	1,500	1,500	150	50	<10	1,000	N	N
LH0899C	10	N	1,500	1,500	50	70	<10	150	N	N
LH0900C	<10	N	500	200	150	50	N	10,000	N	N
LH0901C	15	N	100	500	N	<50	200	10,000	N	<200
LH0902C	20	N	N	500	N	<50	500	3,000	N	200

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIKE HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH0843C	100	>2,000	<200	N	<1,000	30	200	700	N	>2,000
LH0844C	100	>2,000	700	N	N	150	700	500	N	>2,000
LH0845C	150	>2,000	<200	N	N	150	300	700	N	>2,000
LH0846C	200	>2,000	<200	N	<1,000	30	200	700	N	>2,000
LH0847C	200	>2,000	N	N	<1,000	150	300	200	N	>2,000
LH0848C	100	>2,000	<200	N	N	30	100	700	N	>2,000
LH0849C	50	500	200	N	N	20	100	700	N	>2,000
LH0850C	150	>2,000	<200	N	N	50	700	700	N	>2,000
LH0851C	30	700	5,000	N	N	300	N	200	N	>2,000
LH0852C	50	2,000	700	N	N	200	70	200	N	>2,000
LH0853C	20	70	2,000	N	N	200	N	200	N	>2,000
LH0854C	150	1,000	1,500	N	N	700	N	200	N	>2,000
LH0855C	100	>2,000	1,500	N	N	200	10,000	150	N	>2,000
LH0856C	150	>2,000	1,000	N	N	200	1,000	500	N	>2,000
LH0857C	100	500	700	N	N	500	N	200	N	>2,000
LH0858C	50	150	3,000	N	N	300	N	200	N	>2,000
LH0859C	100	>2,000	1,000	N	N	300	70	100	N	>2,000
LH0860C	70	>2,000	300	N	N	70	200	1,000	N	>2,000
LH0861C	30	>2,000	<200	N	N	30	500	700	N	>2,000
LH0862C	150	1,000	<200	<200	N	70	N	1,000	1,000	>2,000
LH0863C	100	>2,000	<200	N	N	50	200	1,000	N	>2,000
LH0873C	50	>2,000	<200	N	N	30	N	2,000	N	>2,000
LH0874C	70	2,000	<200	N	1,000	30	70	1,500	5,000	>2,000
LH0875C	100	>2,000	<200	N	1,000	30	200	1,500	N	>2,000
LH0876C	100	1,500	<200	N	N	50	70	1,500	N	>2,000
LH0877C	200	>2,000	<200	700	1,500	50	50	1,500	N	>2,000
LH0878C	100	>2,000	700	N	1,000	150	200	500	N	>2,000
LH0879C	100	>2,000	700	N	N	200	100	200	N	>2,000
LH0880C	150	>2,000	200	N	N	150	300	500	N	>2,000
LH0881C	70	>2,000	1,500	N	<1,000	150	500	300	1,000	>2,000
LH0882C	100	>2,000	200	N	N	30	200	1,000	N	>2,000
LH0883C	70	70	200	700	1,500	150	150	500	N	>2,000
LH0884C	20	30	200	N	N	150	N	200	N	>2,000
LH0886C	15	20	<200	N	N	300	200	150	N	>2,000
LH0887C	100	N	N	5,000	7,000	50	700	700	N	>2,000
LH0888C	30	N	200	N	N	300	150	300	N	>2,000
LH0889C	100	100	<200	N	N	70	N	500	5,000	>2,000
LH0890C	70	300	200	N	N	300	N	300	2,000	>2,000
LH0891C	100	200	<200	N	N	100	N	700	N	>2,000
LH0892C	150	30	N	N	N	50	N	700	N	>2,000
LH0893C	100	150	N	N	N	70	N	500	2,000	>5,000
LH0894C	70	30	N	N	N	50	N	500	N	>2,000
LH0895C	70	20	<200	N	N	70	N	500	N	>2,000
LH0896C	200	700	N	>5,000	7,000	20	200	>5,000	N	>2,000
LH0897C	200	1,500	N	>5,000	10,000	<20	200	>5,000	N	>2,000
LH0898C	150	500	300	300	N	150	500	700	10,000	>2,000
LH0899C	150	700	N	700	1,500	70	200	1,000	N	>2,000
LH0900C	70	1,500	<200	>5,000	7,000	N	500	>5,000	N	>2,000
LH0901C	15	50	1,500	N	N	150	N	150	N	>2,000
LH0902C	15	N	500	N	N	300	150	100	N	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH0903C	61 48 4	153 58 1	30.00	.07	1.00	<.5	.500	.7	7.0	7,000
LH0904C	61 47 41	153 57 3	3.00	.05	2.00	.5	.700	.5	30.0	10,000
LH0905C	61 43 37	154 0 13	50.00	.30	1.00	<.5	.700	N	10.0	1,500
LH0906C	61 43 42	153 59 58	5.00	1.50	10.00	1.5	>2.000	N	N	N
LH0907C	61 43 38	153 58 57	10.00	.50	5.00	.7	>2.000	5.0	10.0	7,000
LH0908C	61 42 41	153 57 0	2.00	<.05	10.00	<.5	>2.000	7.0	10.0	15,000
LH0909C	61 42 41	153 57 0	2.00	.05	10.00	.5	>2.000	7.0	7.0	7,000
LH0910C	61 41 37	153 56 59	1.00	.05	7.00	.5	>2.000	7.0	10.0	3,000
LH0911C	61 37 28	153 53 33	5.00	.15	5.00	.5	>2.000	7.0	200.0	2,000
LH0912C	61 23 7	154 4 29	7.00	.07	5.00	.5	2.000	5.0	20.0	>20,000
LH0913C	61 23 43	154 11 5	1.00	.15	30.00	<.5	>2.000	.7	5.0	3,000
LH0914C	61 22 19	154 9 33	2.00	.20	20.00	.5	>2.000	10.0	5.0	15,000
LH0915C	61 19 32	154 2 44	2.00	.07	30.00	.5	>2.000	10.0	5.0	7,000
LH0916C	61 19 24	154 4 19	5.00	.10	30.00	<.5	2.000	15.0	5.0	7,000
LH0917C	61 19 18	154 5 16	2.00	.20	20.00	.5	>2.000	3.0	2.0	3,000
LH0918C	61 18 48	154 7 32	2.00	.10	2.00	<.5	>2.000	7.0	20.0	15,000
LH0919C	61 20 14	154 9 1	3.00	.30	20.00	.7	>2.000	1.5	5.0	15,000
LH0920C	61 24 43	154 12 37	2.00	.10	30.00	.7	>2.000	5.0	N	500
LH0921C	61 27 16	154 5 31	2.00	.07	30.00	<.5	>2.000	7.0	N	7,000
LH0922C	61 27 46	154 8 7	1.00	.07	20.00	.7	>2.000	5.0	N	2,000
LH0923C	61 28 40	154 10 29	5.00	.10	20.00	<.5	>2.000	5.0	5.0	20,000
LH0924C	61 28 3	154 10 40	2.00	.20	15.00	.7	>2.000	3.0	7.0	3,000
LH0925C	61 29 1	154 11 43	1.00	.05	20.00	<.5	2.000	.7	5.0	3,000
LH0926C	61 26 29	154 9 29	3.00	.05	20.00	<.5	>2.000	1.0	10.0	>20,000
LH0927C	61 27 37	154 13 28	.70	<.05	15.00	N	2.000	1.5	N	2,000
LH0929C	61 25 33	154 16 15	1.00	.30	20.00	.7	>2.000	2.0	30.0	500
LH0930C	61 24 20	154 17 49	7.00	1.00	2.00	.7	>2.000	2.0	10.0	1,000
LH0931C	61 23 58	154 21 11	7.00	1.50	5.00	.7	>2.000	3.0	N	1,000
LH0932C	61 22 25	154 22 45	7.00	2.00	5.00	.5	>2.000	3.0	N	700
LH0933C	61 22 34	154 25 35	2.00	.70	10.00	.5	>2.000	5.0	5.0	N
LH0934C	61 20 25	154 23 36	2.00	1.00	2.00	.5	>2.000	2.0	N	N
LH0935C	61 18 7	154 14 30	5.00	.15	20.00	.7	>2.000	10.0	N	500
LH0936C	61 47 11	154 19 30	7.00	5.00	15.00	.7	.300	N	7.0	3,000
LH0937C	61 47 30	154 22 34	7.00	.30	5.00	.5	2.000	1.5	7.0	<500
LH0938C	61 46 51	154 25 25	.50	.15	1.50	.5	.300	N	N	N
LH0939C	61 44 19	154 29 55	1.00	1.00	5.00	1.0	1.500	1.0	N	N
LH0940C	61 44 29	154 24 30	1.50	.70	5.00	.5	.700	3.0	N	N
LH0941C	61 16 39	153 57 50	3.00	.30	30.00	.5	2.000	20.0	N	N
LH0942C	61 16 23	154 0 28	1.00	.05	20.00	<.5	>2.000	10.0	N	3,000
LH0943C	61 13 9	154 1 35	2.00	.10	20.00	.5	>2.000	10.0	2.0	700
LH0944C	61 17 14	153 40 58	.50	.15	1.50	<.5	>2.000	3.0	N	N
LH0945C	61 19 22	153 21 30	7.00	.50	1.50	.7	1.500	.7	3.0	3,000
LH0946C	61 18 39	153 25 51	15.00	.10	1.50	.5	>2.000	.7	5.0	5,000
LH0947C	61 17 20	153 31 34	5.00	.30	1.50	1.5	2.000	1.5	7.0	2,000
LH0948C	61 59 34	154 49 9	1.50	.70	2.00	.7	1.000	1.5	N	N
LH0949C	61 57 3	154 51 29	7.00	5.00	10.00	1.0	2.000	<.5	N	N
LH0950C	61 56 37	154 52 9	7.00	5.00	20.00	1.0	1.500	N	N	N
LH0951C	61 56 41	154 42 53	.10	.07	1.00	<.5	.050	N	N	N
LH0952C	61 56 26	154 43 18	.50	.07	.30	<.5	.007	N	N	N
LH0953C	61 15 39	153 33 56	3.00	1.50	10.00	1.0	1.000	1.5	N	500

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH0903C	N	50	1,500	N	N	N	500	<20	70
LH0904C	N	70	700	5	700	N	N	N	70
LH0905C	N	N	300	N	20	N	500	70	700
LH0906C	N	20	200	N	N	N	30	500	70
LH0907C	N	200	1,000	3	500	N	150	200	200
LH0908C	N	N	70	2	50	N	500	<20	100
LH0909C	N	N	150	5	200	N	500	<20	100
LH0910C	N	20	150	20	70	N	200	<20	20
LH0911C	N	200	500	5	50	N	200	30	200
LH0912C	N	200	150	2	500	N	3,000	<20	200
LH0913C	N	20	150	7	N	N	300	70	10
LH0914C	N	700	70	5	70	N	500	30	20
LH0915C	N	150	70	2	150	N	500	<20	150
LH0916C	N	200	70	2	20	N	500	<20	500
LH0917C	N	100	150	3	N	N	300	30	15
LH0918C	N	700	70	5	150	N	700	70	150
LH0919C	N	700	100	70	200	N	300	70	100
LH0920C	N	200	100	50	N	N	N	30	20
LH0921C	N	200	50	15	N	N	200	<20	150
LH0922C	N	150	100	7	N	N	150	<20	100
LH0923C	N	200	70	50	100	N	500	<20	20
LH0924C	N	70	150	7	N	N	100	<20	70
LH0925C	N	20	70	5	200	N	50	<20	20
LH0926C	N	200	<50	70	150	N	200	30	10
LH0927C	N	50	50	10	N	N	N	<20	10
LH0929C	N	500	70	50	N	N	N	20	10
LH0930C	N	5,000	1,000	7	1,000	N	50	200	500
LH0931C	N	3,000	1,000	3	300	N	70	200	100
LH0932C	N	1,000	700	3	N	N	30	300	100
LH0933C	N	700	500	2	300	N	<20	200	50
LH0934C	N	100	300	N	N	N	20	200	50
LH0935C	N	100	100	5	N	N	20	70	50
LH0936C	N	50	>10,000	7	<20	100	70	150	100
LH0937C	N	50	>10,000	N	N	N	50	70	700
LH0938C	N	N	>10,000	N	N	N	N	<20	10
LH0939C	N	200	5,000	N	N	N	N	150	15
LH0940C	N	150	>10,000	N	N	N	<20	150	15
LH0941C	N	3,000	70	2	N	N	20	70	50
LH0942C	N	50	70	N	20	N	150	20	15
LH0943C	N	200	100	2	20	N	100	20	30
LH0944C	N	N	200	N	N	N	N	<20	10
LH0945C	N	N	700	N	1,000	N	30	70	50
LH0946C	N	N	1,500	N	300	N	100	<20	100
LH0947C	N	N	10,000	3	N	N	30	20	20
LH0948C	N	70	>10,000	3	N	N	N	100	<10
LH0949C	N	150	3,000	2	N	N	50	1,000	70
LH0950C	N	200	1,000	N	N	N	30	1,500	50
LH0951C	N	N	>10,000	N	N	N	N	<20	<10
LH0952C	N	N	>10,000	N	N	N	N	<20	<10
LH0953C	N	N	>10,000	N	N	N	70	150	100

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Ni ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH0903C	<10	N	300	200	50	<50	700	700	N	<200
LH0904C	<10	N	700	300	700	50	<10	2,000	N	N
LH0905C	<10	N	N	200	N	<50	700	2,000	N	N
LH0906C	20	N	N	700	N	<50	70	100	N	N
LH0907C	15	N	1,000	1,000	10	70	150	2,000	N	N
LH0908C	<10	N	1,500	1,500	N	50	300	300	N	N
LH0909C	<10	N	1,500	1,500	N	70	300	100	N	N
LH0910C	<10	N	1,000	1,500	N	100	100	150	N	N
LH0911C	30	N	1,500	2,000	N	200	50	1,000	N	N
LH0912C	<10	N	1,500	3,000	N	70	1,500	700	N	N
LH0913C	10	N	2,000	500	N	200	100	500	N	N
LH0914C	10	N	>2,000	7,000	N	200	300	150	N	N
LH0915C	<10	N	2,000	7,000	N	50	300	70	N	N
LH0916C	<10	N	1,500	7,000	N	70	500	150	N	N
LH0917C	15	N	700	3,000	N	150	200	100	N	N
LH0918C	15	N	>2,000	2,000	N	150	1,500	500	N	N
LH0919C	30	N	2,000	1,500	N	300	200	100	N	N
LH0920C	70	N	>2,000	3,000	N	700	10	100	N	N
LH0921C	10	N	>2,000	3,000	N	100	300	70	N	N
LH0922C	10	N	>2,000	2,000	N	150	100	150	N	N
LH0923C	<10	N	>2,000	2,000	N	150	700	150	N	N
LH0924C	20	N	2,000	1,000	200	100	70	2,000	N	N
LH0925C	<10	N	>2,000	700	N	150	30	300	N	N
LH0926C	10	N	>2,000	500	N	500	70	1,000	N	N
LH0927C	<10	N	1,500	500	N	70	10	30	N	N
LH0929C	30	N	2,000	1,500	N	300	<10	70	N	N
LH0930C	20	N	1,500	1,000	15	100	150	100	N	N
LH0931C	30	N	300	1,500	N	100	100	100	N	N
LH0932C	15	N	500	1,500	N	150	100	20	N	N
LH0933C	10	N	500	1,500	N	150	70	30	N	N
LH0934C	10	N	300	700	N	150	30	30	N	N
LH0935C	15	N	700	5,000	N	200	20	30	N	N
LH0936C	10	N	N	500	N	<50	50	1,000	N	N
LH0937C	<10	N	100	100	N	<50	100	2,000	N	N
LH0938C	N	N	N	50	N	<50	<10	30	N	N
LH0939C	15	N	N	300	N	<50	15	N	N	N
LH0940C	10	N	150	300	N	<50	20	N	N	N
LH0941C	10	N	700	10,000	N	50	15	20	N	N
LH0942C	N	N	1,500	7,000	N	70	100	70	N	N
LH0943C	10	N	700	7,000	N	100	50	150	N	N
LH0944C	N	N	700	500	N	100	N	100	N	N
LH0945C	10	N	500	2,000	300	50	<10	300	N	N
LH0946C	N	N	200	500	N	70	<10	200	N	N
LH0947C	30	N	1,000	700	150	50	10	100	N	N
LH0948C	<10	N	<100	200	10	<50	10	N	N	N
LH0949C	15	N	N	1,000	N	<50	150	20	N	N
LH0950C	15	N	N	1,500	N	<50	100	20	N	N
LH0951C	N	N	N	50	N	<50	<10	N	N	N
LH0952C	N	N	N	150	N	N	<10	N	N	N
LH0953C	20	N	300	1,500	100	<50	50	300	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH0903C	30	100	N	500	1,000	100	200	700	N	>2,000
LH0904C	30	700	N	>5,000	7,000	<20	3,000	1,000	2,000	1,500
LH0905C	N	N	N	N	N	100	N	20	700	300
LH0906C	15	N	500	N	N	700	N	30	N	>2,000
LH0907C	70	70	500	<200	N	300	10,000	500	N	>2,000
LH0908C	150	500	N	300	2,000	20	200	1,000	N	>2,000
LH0909C	150	500	N	300	2,000	30	200	1,000	N	>2,000
LH0910C	100	>2,000	<200	200	2,000	50	200	700	N	>2,000
LH0911C	150	1,500	<200	<200	N	100	2,000	700	N	>2,000
LH0912C	150	>2,000	<200	300	7,000	30	100	700	N	>2,000
LH0913C	150	700	N	>5,000	3,000	70	200	1,500	N	>2,000
LH0914C	150	>2,000	<200	700	3,000	30	100	1,000	N	>2,000
LH0915C	150	>2,000	<200	300	1,500	30	100	1,000	N	>2,000
LH0916C	100	1,500	<200	200	3,000	30	150	1,500	N	>2,000
LH0917C	70	>2,000	<200	300	10,000	50	50	700	N	>2,000
LH0918C	150	>2,000	N	2,000	3,000	30	200	2,000	2,000	>2,000
LH0919C	150	>2,000	<200	300	3,000	50	300	>5,000	N	>2,000
LH0920C	200	500	<200	3,000	1,500	70	100	>5,000	N	>2,000
LH0921C	200	1,000	N	3,000	3,000	30	200	3,000	N	>2,000
LH0922C	150	500	N	1,500	1,000	30	150	1,500	N	>2,000
LH0923C	200	1,000	<200	5,000	7,000	70	700	2,000	N	>2,000
LH0924C	70	1,500	<200	>5,000	5,000	100	2,000	700	N	>2,000
LH0925C	100	100	N	>5,000	5,000	50	500	>5,000	N	>2,000
LH0926C	200	700	<200	>5,000	5,000	30	100	>5,000	N	>2,000
LH0927C	100	700	N	3,000	2,000	50	500	>5,000	N	>2,000
LH0929C	200	500	<200	1,500	<1,000	50	50	>5,000	N	>2,000
LH0930C	100	>2,000	200	N	N	300	300	300	700	>2,000
LH0931C	70	1,000	300	N	N	300	N	300	N	>2,000
LH0932C	100	>2,000	300	N	N	200	500	200	N	>2,000
LH0933C	100	>2,000	300	N	N	200	150	300	N	>2,000
LH0934C	200	>2,000	200	N	N	300	100	200	N	>2,000
LH0935C	150	>2,000	<200	N	N	70	100	1,500	N	>2,000
LH0936C	10	1,000	2,000	N	N	100	500	30	7,000	700
LH0937C	15	20	>10,000	N	N	70	50	100	N	>2,000
LH0938C	N	N	7,000	N	N	20	N	30	N	>2,000
LH0939C	20	700	200	N	N	150	100	300	N	>2,000
LH0940C	30	50	300	300	N	150	50	300	N	>2,000
LH0941C	100	700	<200	N	N	70	N	1,500	N	>2,000
LH0942C	150	>2,000	<200	200	3,000	30	300	1,000	N	>2,000
LH0943C	100	>2,000	<200	N	3,000	50	150	700	N	>2,000
LH0944C	150	50	<200	>5,000	7,000	70	100	500	N	>2,000
LH0945C	70	700	<200	1,000	1,500	50	700	700	1,000	>2,000
LH0946C	50	200	N	N	N	70	200	500	N	>2,000
LH0947C	20	20	<200	5,000	3,000	70	1,000	300	N	>2,000
LH0948C	15	1,500	1,500	N	N	100	200	300	N	>2,000
LH0949C	30	N	500	N	N	150	N	30	N	2,000
LH0950C	30	N	700	N	N	200	N	30	N	1,500
LH0951C	N	700	3,000	N	N	N	70	70	N	>2,000
LH0952C	N	50	5,000	N	N	N	N	N	500	150
LH0953C	15	20	200	1,000	<1,000	50	500	200	N	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH0954C	61 14 24	153 34 48	5.00	1.00	15.00	1.0	>2.000	1.5	15.0	N
LH0955C	61 14 14	153 27 43	5.00	1.00	7.00	.7	1.000	2.0	5.0	<500
LH0956C	61 12 15	153 27 34	7.00	.30	5.00	1.5	>2.000	.7	50.0	2,000
LH0957C	61 11 46	153 24 41	2.00	.30	20.00	1.0	>2.000	7.0	7.0	N
LH0958C	61 10 1	153 25 5	.50	.15	15.00	1.0	>2.000	3.0	5.0	N
LH0959C	61 9 34	153 24 56	.70	.07	1.50	<.5	.200	3.0	N	N
LH0960C	61 10 43	153 30 21	5.00	.70	3.00	1.0	>2.000	1.0	20.0	N
LH0961C	61 11 27	153 34 34	3.00	1.00	30.00	.7	.700	3.0	N	2,000
LH0962C	61 11 0	153 38 45	5.00	.70	30.00	<.5	1.000	1.0	N	3,000
LH0963C	61 54 34	154 42 48	.50	.30	1.00	<.5	2.000	.5	N	N
LH0964C	61 52 35	154 48 33	7.00	5.00	10.00	.7	>2.000	1.0	N	<500
LH0965C	61 51 10	154 47 29	1.00	.20	2.00	<.5	.150	.7	N	N
LH0966C	61 50 41	154 48 22	10.00	3.00	10.00	.7	2.000	.7	N	N
LH0967C	61 49 17	154 47 43	2.00	1.50	5.00	.7	1.500	.7	N	N
LH0968C	61 47 57	154 51 51	10.00	1.50	5.00	.7	>2.000	.5	N	N
LH0969C	61 48 17	154 43 34	1.00	1.00	3.00	.5	2.000	1.5	N	N
LH0970C	61 49 7	154 43 49	5.00	5.00	20.00	.5	2.000	.7	N	N
LH0971C	61 5 47	153 36 21	1.00	1.50	20.00	1.5	.500	7.0	N	N
LH0972C	61 5 8	153 29 18	10.00	3.00	15.00	1.5	2.000	1.0	5.0	700
LH0973C	61 5 1	153 28 52	2.00	.30	3.00	1.5	>2.000	3.0	10.0	1,000
LH0974C	61 5 33	153 31 25	1.00	.50	2.00	1.5	>2.000	.5	7.0	N
LH0975C	61 5 19	153 32 31	1.00	.70	10.00	1.5	>2.000	3.0	N	N
LH0976C	61 3 12	153 34 48	3.00	2.00	20.00	1.0	.500	2.0	N	N
LH0977C	61 1 30	153 32 42	1.50	10.00	20.00	<.5	.500	N	N	N
LH0978C	61 0 2	153 33 29	1.00	7.00	15.00	1.5	2.000	.7	N	N
LH0979C	61 0 58	153 28 9	2.00	.15	3.00	1.5	2.000	1.5	N	N
LH0980C	61 2 12	153 23 36	5.00	.07	2.00	1.5	2.000	1.5	7.0	N
LH0981C	61 2 16	153 23 51	3.00	1.50	20.00	.7	.500	7.0	N	500
LH0982C	61 2 53	153 21 34	10.00	1.50	10.00	1.0	2.000	1.5	2.0	N
LH0983C	61 51 40	154 38 43	2.00	5.00	15.00	.5	1.500	.5	N	N
LH0984C	61 54 13	154 55 48	5.00	1.00	10.00	.7	>2.000	.7	N	N
LH0985C	61 57 30	154 59 29	5.00	1.50	5.00	<.5	>2.000	1.5	N	N
LH0986C	61 55 42	155 1 2	2.00	1.50	10.00	<.5	>2.000	3.0	N	N
LH0987C	61 52 45	155 4 42	1.00	1.00	15.00	.7	>2.000	2.0	N	N
LH0988C	61 53 18	154 57 12	10.00	1.50	10.00	.7	>2.000	.7	N	N
LH0989C	61 50 45	155 0 10	7.00	3.00	15.00	.7	>2.000	.5	N	N
LH0990C	61 49 55	155 3 26	5.00	1.50	10.00	.7	>2.000	1.5	N	N
LH0991C	61 48 11	155 3 56	5.00	1.50	15.00	1.0	>2.000	1.0	N	N
LH0992C	61 46 29	155 5 15	7.00	5.00	20.00	1.0	>2.000	2.0	N	N
LH0993C	61 47 2	154 55 10	5.00	2.00	20.00	.7	>2.000	.5	N	N
LH0994C	61 42 23	154 59 39	5.00	1.50	20.00	.7	>2.000	.5	N	N
LH0995C	61 41 0	154 55 5	.50	.30	1.00	<.5	.070	N	N	N
LH0996C	61 39 21	154 59 6	.70	.30	1.00	<.5	.300	N	N	N
LH0997C	61 36 28	154 56 47	1.00	.70	7.00	.7	>2.000	5.0	N	N
LH0998C	61 36 33	154 54 17	2.00	3.00	10.00	1.0	1.500	1.5	N	N
LH0999C	61 40 17	154 47 46	2.00	1.50	5.00	.5	2.000	1.5	N	N
LH1000C	61 52 1	153 56 0	7.00	.70	7.00	.7	.700	.5	30.0	10,000
LH1001C	61 52 2	153 56 33	7.00	.30	2.00	.5	1.000	2.0	70.0	1,500
LH1002C	61 48 53	153 58 31	2.00	<.05	1.00	<.5	.300	<.5	7.0	15,000
LH1003C	61 48 28	153 57 54	1.00	<.05	1.00	<.5	.500	.5	20.0	5,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH0954C	N	30	>10,000	3	N	N	20	70	70
LH0955C	N	N	200	N	2,000	N	30	70	70
LH0956C	N	20	3,000	3	100	N	100	<20	70
LH0957C	N	N	200	N	150	N	30	20	30
LH0958C	N	N	300	N	150	N	<20	<20	20
LH0959C	N	N	1,500	N	N	N	N	<20	<10
LH0960C	N	N	>10,000	3	N	N	20	30	1,000
LH0961C	N	50	300	3	N	N	70	70	150
LH0962C	N	20	150	5	N	N	70	70	30
LH0963C	N	20	>10,000	N	N	N	N	30	<10
LH0964C	N	100	7,000	2	N	N	50	1,500	50
LH0965C	N	20	>10,000	N	N	N	N	<20	15
LH0966C	N	2,000	10,000	30	N	N	50	500	70
LH0967C	N	700	>10,000	N	N	N	20	150	10
LH0968C	N	1,000	>10,000	3	N	N	70	100	70
LH0969C	N	500	1,500	5	N	N	N	200	<10
LH0970C	N	700	3,000	5	N	N	<20	150	10
LH0971C	N	N	1,000	N	N	N	<20	<20	<10
LH0972C	N	20	7,000	2	<20	N	30	300	150
LH0973C	N	N	5,000	2	150	N	20	<20	100
LH0974C	N	N	500	3	N	N	N	<20	<10
LH0975C	N	N	700	N	N	N	N	50	10
LH0976C	N	20	200	N	N	N	100	150	70
LH0977C	N	20	100	N	N	N	20	<20	20
LH0978C	N	N	200	N	<20	N	<20	<20	15
LH0979C	N	N	700	N	30	N	30	<20	70
LH0980C	N	N	3,000	N	100	N	100	<20	70
LH0981C	N	50	1,500	N	N	N	50	70	50
LH0982C	N	1,000	2,000	N	N	N	70	200	100
LH0983C	N	3,000	1,000	5	N	N	<20	100	10
LH0984C	N	500	7,000	3	N	N	30	500	50
LH0985C	N	100	>10,000	5	N	N	70	500	50
LH0986C	N	5,000	>10,000	5	N	N	30	500	50
LH0987C	N	>5,000	>10,000	30	N	N	20	200	50
LH0988C	N	200	>10,000	N	N	N	30	150	70
LH0989C	N	100	1,000	N	N	N	30	1,000	70
LH0990C	N	500	>10,000	N	N	N	30	300	50
LH0991C	N	70	>10,000	N	N	N	20	300	70
LH0992C	N	70	5,000	N	N	N	30	1,000	50
LH0993C	N	500	1,000	3	N	N	30	300	50
LH0994C	N	700	3,000	3	N	N	30	200	30
LH0995C	N	N	>10,000	N	N	N	N	20	<10
LH0996C	N	20	>10,000	N	N	N	N	30	<10
LH0997C	N	150	>10,000	20	N	N	N	70	10
LH0998C	N	150	>10,000	7	N	N	<20	150	10
LH0999C	N	200	5,000	10	N	N	<20	150	10
LH1000C	N	100	300	7	200	N	150	150	70
LH1001C	N	150	300	<2	N	N	150	70	50
LH1002C	N	N	700	3	150	N	70	<20	70
LH1003C	N	N	200	3	200	N	30	<20	50

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LINE HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Ni ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH0954C	20	N	150	1,500	200	70	10	1,000	N	N
LH0955C	10	N	300	1,500	100	50	20	150	N	N
LH0956C	20	N	200	1,000	500	150	15	500	N	N
LH0957C	<10	N	300	1,000	100	<50	<10	200	N	N
LH0958C	<10	N	150	500	10	<50	<10	30	N	N
LH0959C	N	N	1,500	300	100	<50	N	70	N	N
LH0960C	20	N	700	1,000	100	200	10	30,000	N	N
LH0961C	30	N	100	1,500	N	<50	30	70	N	N
LH0962C	50	N	100	1,500	N	<50	50	<20	N	N
LH0963C	N	N	N	100	N	<50	<10	N	N	N
LH0964C	10	N	150	1,500	N	50	150	20	N	N
LH0965C	N	N	N	100	N	<50	15	N	N	N
LH0966C	15	N	300	1,000	N	50	100	30	N	N
LH0967C	<10	N	N	500	N	<50	20	N	N	N
LH0968C	20	N	100	500	N	50	70	50	N	N
LH0969C	<10	N	200	300	<10	50	<10	N	N	N
LH0970C	15	N	150	1,500	N	70	20	N	N	N
LH0971C	10	N	300	500	N	<50	<10	N	N	N
LH0972C	20	N	150	3,000	15	70	50	3,000	N	N
LH0973C	15	N	150	700	<10	<50	<10	200	N	N
LH0974C	10	N	1,500	1,000	30	150	<10	300	N	N
LH0975C	10	N	150	700	10	70	10	30	N	N
LH0976C	15	N	N	500	N	<50	15	N	N	N
LH0977C	<10	N	N	700	N	<50	10	20	N	N
LH0978C	<10	N	100	500	10	70	<10	50	N	N
LH0979C	<10	N	150	300	N	70	<10	20	N	N
LH0980C	<10	N	150	200	N	70	10	20	N	N
LH0981C	<10	N	100	1,500	N	<50	30	30	N	N
LH0982C	10	N	N	1,000	N	<50	70	700	N	N
LH0983C	10	N	300	700	N	70	20	<20	N	N
LH0984C	30	N	100	700	N	100	30	30	N	N
LH0985C	10	N	700	500	N	300	70	<20	N	N
LH0986C	<10	N	200	300	N	200	50	<20	N	N
LH0987C	<10	N	150	200	N	200	30	N	N	N
LH0988C	15	N	N	500	10	50	50	20	N	N
LH0989C	15	N	<100	700	N	50	50	150	N	N
LH0990C	15	N	100	500	N	70	30	20	N	N
LH0991C	15	N	200	700	N	50	50	20	N	N
LH0992C	30	N	100	2,000	N	50	70	20	N	N
LH0993C	20	N	N	1,000	N	50	30	20	N	N
LH0994C	20	N	N	700	N	50	30	20	N	N
LH0995C	N	N	N	70	N	<50	<10	N	N	N
LH0996C	N	N	N	100	N	<50	<10	N	N	N
LH0997C	10	N	500	500	N	70	<10	<20	N	N
LH0998C	15	N	100	700	70	50	20	<20	N	N
LH0999C	10	N	300	700	30	50	15	<20	N	N
LH1000C	<10	N	500	700	30	<50	70	2,000	N	N
LH1001C	<10	N	300	300	30	<50	100	3,000	N	N
LH1002C	N	N	300	200	50	<50	20	300	N	N
LH1003C	N	N	300	150	700	50	N	700	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH0954C	50	150	<200	2,000	1,500	150	500	700	N	>2,000
LH0955C	70	700	<200	200	1,000	100	2,000	700	N	>2,000
LH0956C	50	30	200	<200	N	150	100	300	1,000	>2,000
LH0957C	50	30	200	N	N	150	2,000	700	N	>2,000
LH0958C	50	30	<200	200	N	150	200	500	N	>2,000
LH0959C	70	N	N	>5,000	7,000	20	700	1,000	N	>2,000
LH0960C	30	20	700	700	N	150	150	300	N	>2,000
LH0961C	15	N	300	N	N	150	N	150	N	>2,000
LH0962C	15	N	<200	N	N	150	100	150	N	>2,000
LH0963C	<10	700	2,000	200	N	20	150	150	N	>2,000
LH0964C	50	500	300	N	N	300	N	200	N	>2,000
LH0965C	N	N	5,000	N	N	30	N	50	N	1,500
LH0966C	30	100	200	N	N	150	N	200	N	>2,000
LH0967C	15	150	3,000	N	N	150	N	100	N	>2,000
LH0968C	20	100	300	N	N	500	N	100	N	>2,000
LH0969C	70	>2,000	<200	700	1,500	100	300	700	N	>2,000
LH0970C	30	2,000	300	500	<1,000	150	100	500	N	>2,000
LH0971C	<10	N	500	N	N	50	N	300	N	>2,000
LH0972C	50	N	200	N	N	150	N	300	N	>2,000
LH0973C	30	N	<200	N	N	70	100	500	N	>2,000
LH0974C	70	100	<200	>5,000	5,000	70	1,500	700	N	>2,000
LH0975C	20	30	300	700	N	200	500	300	N	>2,000
LH0976C	10	N	700	N	N	70	N	100	N	>2,000
LH0977C	N	N	<200	N	N	20	N	20	N	2,000
LH0978C	15	N	<200	200	N	100	50	200	N	>2,000
LH0979C	30	30	<200	700	N	70	N	500	N	>2,000
LH0980C	30	N	200	700	1,000	70	700	300	N	>2,000
LH0981C	<10	N	300	N	N	100	200	200	N	>2,000
LH0982C	20	N	200	N	N	200	100	70	N	>2,000
LH0983C	20	150	200	700	<1,000	150	100	500	N	>2,000
LH0984C	50	N	500	N	N	700	N	100	N	>2,000
LH0985C	70	300	500	N	N	700	N	100	N	>2,000
LH0986C	70	300	700	N	N	500	N	100	N	>2,000
LH0987C	100	50	500	N	N	500	N	150	N	>2,000
LH0988C	15	N	300	N	N	150	N	50	500	>2,000
LH0989C	50	N	200	N	N	300	N	100	N	>2,000
LH0990C	20	N	1,000	N	N	200	N	100	N	>2,000
LH0991C	20	70	700	N	N	200	N	200	N	>2,000
LH0992C	30	50	1,000	N	N	300	N	150	N	>2,000
LH0993C	20	30	300	N	N	300	N	100	N	>2,000
LH0994C	15	20	1,500	N	N	200	N	100	N	>2,000
LH0995C	N	N	7,000	N	N	20	N	30	N	2,000
LH0996C	N	150	7,000	N	N	20	50	100	N	>2,000
LH0997C	70	500	700	200	N	150	50	500	N	>2,000
LH0998C	20	>2,000	1,000	500	N	150	300	500	N	>2,000
LH0999C	50	>2,000	500	1,500	1,500	150	300	700	N	>2,000
LH1000C	30	1,000	<200	>5,000	7,000	150	100	1,500	N	>2,000
LH1001C	30	200	<200	1,500	2,000	150	150	1,000	N	>2,000
LH1002C	30	700	N	>5,000	7,000	N	200	1,500	N	>2,000
LH1003C	50	1,500	N	>5,000	7,000	N	1,500	1,500	2,000	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LINE HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH1004C	61 44 49	153 57 26	7.00	.15	1.50	<.5	1.000	1.0	2.0	5,000
LH1005C	61 44 59	153 57 24	2.00	.15	1.50	.5	>2.000	.5	10.0	3,000
LH1006C	61 43 13	153 57 14	2.00	.10	5.00	<.5	2.000	5.0	2.0	3,000
LH1007C	61 43 2	153 56 34	10.00	.15	7.00	.5	>2.000	7.0	200.0	>20,000
LH1008C	61 42 59	153 58 8	30.00	.15	1.50	<.5	1.500	1.0	7.0	15,000
LH1009C	61 41 30	153 57 25	7.00	.15	1.50	.5	>2.000	1.5	2.0	<500
LH1010C	61 38 35	153 53 5	2.00	.10	7.00	.5	>2.000	7.0	30.0	5,000
LH1011C	61 38 32	153 52 56	3.00	.10	15.00	<.5	>2.000	7.0	20.0	7,000
LH1012C	61 37 53	153 53 20	2.00	.15	20.00	.7	>2.000	7.0	5.0	700
LH1013C	61 37 40	153 53 24	2.00	<.05	2.00	<.5	>2.000	5.0	7.0	10,000
LH1014C	61 36 43	153 59 39	30.00	.15	1.50	<.5	1.000	1.0	10.0	15,000
LH1015C	61 36 24	153 59 51	5.00	.50	1.00	<.5	1.500	.5	20.0	500
LH1016C	61 35 8	153 56 46	2.00	<.05	10.00	<.5	>2.000	10.0	5.0	1,500
LH1017C	61 34 22	153 57 42	7.00	.20	10.00	<.5	1.500	7.0	20.0	1,000
LH1018C	61 41 13	154 3 3	30.00	2.00	7.00	.7	1.000	.5	7.0	3,000
LH1019C	61 40 28	154 4 13	7.00	<.05	7.00	N	.700	.7	5.0	20,000
LH1020C	61 49 43	154 14 4	2.00	5.00	20.00	.5	.700	.7	5.0	3,000
LH1021C	61 46 51	154 9 57	10.00	.70	1.50	<.5	2.000	1.0	50.0	3,000
LH1022C	61 46 25	154 11 37	7.00	5.00	15.00	.7	1.500	1.0	20.0	3,000
LH1023C	61 46 19	154 8 53	10.00	1.00	20.00	.5	2.000	.7	N	1,500
LH1024C	61 45 25	154 8 43	10.00	1.00	15.00	.5	2.000	1.0	N	1,500
LH1025C	61 42 58	154 8 31	5.00	.20	20.00	<.5	2.000	1.0	N	500
LH1026C	61 42 59	154 8 53	3.00	.20	2.00	.5	>2.000	2.0	50.0	3,000
LH1027C	61 40 25	154 4 58	5.00	<.05	5.00	<.5	1.500	<.5	50.0	>20,000
LH1028C	61 38 42	154 5 39	5.00	.05	2.00	<.5	1.000	3.0	10.0	10,000
LH1029C	61 37 37	154 5 22	1.00	<.05	2.00	<.5	.300	5.0	N	700
LH1030C	61 34 51	154 3 15	5.00	.30	.70	.5	2.000	<.5	5.0	N
LH1031C	61 33 33	154 5 24	1.50	.15	30.00	.5	.500	10.0	300.0	N
LH1032C	61 31 49	154 1 21	3.00	.10	30.00	<.5	.300	10.0	20.0	1,500
LH1033C	61 31 27	154 2 3	3.00	.07	20.00	<.5	.500	10.0	50.0	1,000
LH1034C	61 30 21	154 0 7	7.00	.20	30.00	.5	1.000	7.0	200.0	—7,000
LH1035C	61 31 22	154 6 4	3.00	.20	30.00	.5	1.500	10.0	7.0	N
LH1036C	61 31 3	154 8 9	7.00	.07	10.00	<.5	1.000	7.0	70.0	2,000
LH1037C	61 29 52	154 5 37	5.00	.30	30.00	.5	1.000	10.0	150.0	1,500
LH1038C	61 52 46	154 26 42	10.00	1.50	3.00	.5	>2.000	.7	N	N
LH1039C	61 51 6	154 28 49	3.00	.20	1.50	.5	.700	.7	N	N
LH1040C	61 49 8	154 29 55	1.00	.05	.15	<.5	.030	N	N	N
LH1041C	61 46 43	154 19 22	7.00	1.50	5.00	<.5	.500	1.0	1.5	500
LH1042C	61 45 45	154 27 46	3.00	2.00	5.00	.5	.200	1.0	1.5	N
LH1043C	61 46 26	154 29 41	1.00	.20	1.00	<.5	.100	<.5	N	N
LH1044C	61 44 49	154 22 47	3.00	3.00	10.00	<.5	1.500	1.5	N	N
LH1045C	61 25 27	154 3 33	5.00	.30	15.00	.7	>2.000	7.0	50.0	2,000
LH1046C	61 19 25	154 1 36	1.00	.05	5.00	<.5	1.000	7.0	5.0	10,000
LH1047C	61 16 58	154 17 54	5.00	.70	5.00	.7	>2.000	5.0	N	<500
LH1048C	61 15 45	154 17 19	2.00	.30	20.00	.5	>2.000	10.0	5,000.0	2,000
LH1049C	61 17 37	154 20 6	7.00	1.00	10.00	.7	>2.000	7.0	100.0	N
LH1050C	61 13 2	154 20 55	5.00	.70	20.00	.7	>2.000	10.0	N	N
LH1051C	61 43 32	154 19 39	7.00	5.00	15.00	1.0	1.500	N	N	<500
LH1052C	61 41 56	154 22 56	5.00	7.00	20.00	.7	2.000	N	1.0	N
LH1053C	61 40 58	154 18 21	7.00	10.00	20.00	1.0	1.000	N	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH1004C	N	100	150	7	N	N	200	20	70
LH1005C	N	70	3,000	50	500	N	70	<20	70
LH1006C	N	N	1,000	2	50	N	300	150	100
LH1007C	N	N	2,000	50	500	N	300	20	300
LH1008C	N	50	1,500	N	N	N	300	70	200
LH1009C	N	100	300	50	150	N	30	70	150
LH1010C	N	N	300	3	100	N	200	<20	100
LH1011C	N	100	150	3	500	N	150	<20	150
LH1012C	N	1,000	150	7	500	N	100	<20	150
LH1013C	N	30	70	2	100	N	500	<20	70
LH1014C	N	N	1,500	N	N	N	500	50	500
LH1015C	N	100	1,500	3	30	N	100	200	100
LH1016C	N	N	150	N	N	N	100	<20	70
LH1017C	N	50	1,500	N	N	N	300	100	150
LH1018C	N	50	>10,000	N	N	N	300	500	500
LH1019C	N	N	200	5	N	N	500	<20	100
LH1020C	N	100	1,500	50	N	N	200	50	70
LH1021C	N	20	>10,000	N	100	N	150	20	100
LH1022C	N	300	5,000	3	N	N	100	150	150
LH1023C	N	50	>10,000	5	N	N	100	200	200
LH1024C	N	50	>10,000	5	N	N	70	150	150
LH1025C	N	20	700	100	N	N	30	100	20
LH1026C	N	N	300	3	N	N	100	50	500
LH1027C	N	N	500	3	N	N	700	<20	70
LH1028C	N	N	200	N	N	N	500	<20	100
LH1029C	N	20	150	N	N	N	20	<20	50
LH1030C	N	150	700	3	N	N	30	200	100
LH1031C	N	70	300	2	N	N	20	70	10
LH1032C	N	50	200	N	N	N	30	<20	200
LH1033C	N	20	150	N	N	N	70	<20	100
LH1034C	N	100	200	3	30	N	200	30	150
LH1035C	N	200	300	2	30	N	50	70	150
LH1036C	N	N	150	3	50	N	50	<20	100
LH1037C	N	200	200	N	N	N	70	20	70
LH1038C	N	50	>10,000	3	N	N	30	500	150
LH1039C	N	50	>10,000	N	N	200	<20	70	70
LH1040C	N	N	>10,000	N	N	N	<20	<20	10
LH1041C	N	50	>10,000	N	N	100	30	70	70
LH1042C	N	20	>10,000	N	N	N	<20	1,000	20
LH1043C	N	N	>10,000	N	N	N	<20	150	10
LH1044C	N	1,000	>10,000	N	N	N	<20	200	30
LH1045C	N	1,500	1,500	70	70	N	100	30	100
LH1046C	N	50	700	2	150	N	500	<20	100
LH1047C	N	1,500	700	7	30	N	30	150	30
LH1048C	>1,000	2,000	500	3	30	N	30	70	30
LH1049C	150	5,000	700	5	200	N	20	150	150
LH1050C	N	500	300	2	N	N	<20	150	30
LH1051C	N	1,000	700	3	N	N	30	300	50
LH1052C	N	3,000	7,000	3	70	N	20	200	70
LH1053C	N	300	3,000	2	N	N	20	150	100

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Ni ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH1004C	<10	N	1,000	200	30	50	150	200	N	N
LH1005C	<10	N	700	200	500	100	30	2,000	N	N
LH1006C	10	N	700	1,000	10	<50	200	300	N	N
LH1007C	10	N	1,000	1,000	10	200	200	20,000	N	<200
LH1008C	10	N	500	500	N	50	500	1,000	N	N
LH1009C	100	N	150	1,000	N	200	70	100	N	N
LH1010C	10	N	1,000	2,000	N	100	70	700	N	N
LH1011C	<10	N	1,500	3,000	N	100	70	500	N	N
LH1012C	10	N	700	7,000	N	150	70	100	N	N
LH1013C	<10	N	1,000	2,000	N	50	200	150	N	N
LH1014C	<10	N	700	500	N	<50	700	1,000	N	N
LH1015C	30	N	100	500	N	50	100	700	N	N
LH1016C	<10	N	1,000	1,000	N	100	100	150	N	N
LH1017C	15	N	2,000	1,000	15	<50	300	1,000	N	N
LH1018C	15	N	1,500	1,000	N	<50	700	1,000	N	N
LH1019C	<10	N	1,000	300	N	100	500	200	N	N
LH1020C	10	N	200	700	N	<50	150	200	N	N
LH1021C	<10	N	700	200	100	100	150	3,000	N	N
LH1022C	15	N	300	1,000	50	<50	100	2,000	N	N
LH1023C	20	N	2,000	1,000	N	100	100	100	N	N
LH1024C	15	N	1,500	1,000	N	100	100	100	N	N
LH1025C	<10	N	>2,000	2,000	N	100	10	100	N	N
LH1026C	10	N	2,000	1,000	20	70	100	2,000	N	N
LH1027C	N	N	700	200	10	50	1,000	200	N	N
LH1028C	<10	N	1,000	1,000	70	<50	1,000	700	N	N
LH1029C	<10	N	1,500	1,000	N	<50	20	30	N	N
LH1030C	30	N	150	1,500	N	50	70	300	N	N
LH1031C	15	N	1,500	2,000	N	<50	15	70	N	N
LH1032C	<10	N	>2,000	1,000	15	<50	70	700	N	N
LH1033C	<10	N	>2,000	1,000	20	N	50	700	N	N
LH1034C	10	N	1,500	2,000	20	<50	150	3,000	N	N
LH1035C	10	N	>2,000	1,500	N	50	30	300	N	N
LH1036C	<10	N	2,000	1,000	20	<50	50	1,000	N	N
LH1037C	10	N	>2,000	5,000	N	<50	70	700	N	N
LH1038C	<10	N	300	1,000	N	50	70	30	N	N
LH1039C	10	N	150	70	N	<50	30	20	N	N
LH1040C	N	N	N	100	N	<50	20	<20	N	N
LH1041C	<10	N	N	200	N	<50	70	150	N	N
LH1042C	<10	N	N	300	N	<50	70	20	N	N
LH1043C	N	N	N	100	N	<50	15	<20	N	N
LH1044C	15	N	100	1,000	N	<50	30	<20	N	N
LH1045C	20	N	2,000	5,000	30	200	100	200	N	N
LH1046C	N	N	>2,000	3,000	N	<50	500	30	N	N
LH1047C	10	N	1,500	5,000	N	200	20	30	N	N
LH1048C	10	N	1,000	7,000	N	100	30	20	N	N
LH1049C	70	N	300	3,000	N	200	70	30	N	N
LH1050C	<10	N	2,000	5,000	N	70	20	20	N	N
LH1051C	20	N	2,000	2,000	N	<50	70	<20	N	N
LH1052C	20	N	150	1,500	N	50	30	30	N	N
LH1053C	10	N	200	2,000	N	50	30	<20	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LINE HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH1004C	30	20	N	>5,000	5,000	50	300	1,500	2,000	>2,000
LH1005C	50	1,000	<200	>5,000	5,000	50	2,000	1,000	1,000	>2,000
LH1006C	70	70	<200	1,000	2,000	150	200	1,000	N	>2,000
LH1007C	70	700	N	<200	2,000	70	2,000	700	N	>2,000
LH1008C	15	N	N	N	N	100	10,000	200	N	>2,000
LH1009C	70	100	<200	N	N	150	150	300	N	>2,000
LH1010C	200	2,000	<200	200	3,000	50	1,000	700	N	>2,000
LH1011C	150	2,000	<200	200	3,000	50	2,000	700	N	>2,000
LH1012C	150	500	<200	<200	3,000	30	500	700	N	>2,000
LH1013C	200	200	N	200	3,000	20	100	1,000	N	>2,000
LH1014C	15	20	N	N	N	70	300	150	700	>2,000
LH1015C	10	150	<200	N	N	200	200	70	N	>2,000
LH1016C	200	100	<200	<200	1,000	100	200	700	N	>2,000
LH1017C	150	N	<200	700	2,000	150	N	700	1,000	>2,000
LH1018C	50	20	N	N	<1,000	300	200	200	N	>2,000
LH1019C	100	500	N	>5,000	7,000	30	200	1,000	N	>2,000
LH1020C	20	200	1,000	500	1,000	100	70	1,000	N	>2,000
LH1021C	50	20	1,000	1,500	1,500	150	700	700	N	>2,000
LH1022C	30	1,500	700	N	N	300	100	300	N	>2,000
LH1023C	100	30	700	1,000	1,000	150	200	700	N	>2,000
LH1024C	100	200	500	1,000	1,000	150	200	700	N	>2,000
LH1025C	200	N	N	>5,000	3,000	150	200	3,000	N	>2,000
LH1026C	100	200	N	5,000	3,000	100	200	1,000	2,000	>2,000
LH1027C	100	200	N	>5,000	7,000	20	300	1,000	N	>2,000
LH1028C	100	20	N	5,000	5,000	20	300	700	N	>2,000
LH1029C	150	150	N	1,000	1,000	20	100	1,000	N	>2,000
LH1030C	15	N	<200	N	N	200	200	100	N	>2,000
LH1031C	70	150	<200	200	N	70	70	1,000	N	>2,000
LH1032C	150	70	300	1,500	3,000	150	150	700	N	>2,000
LH1033C	200	N	200	700	2,000	20	100	1,000	N	>2,000
LH1034C	50	2,000	200	<200	1,000	70	500	1,000	N	>2,000
LH1035C	100	20	200	500	1,000	100	500	1,000	N	>2,000
LH1036C	100	150	<200	700	N	50	70	1,000	N	>2,000
LH1037C	100	20	200	300	N	50	50	2,000	N	>2,000
LH1038C	20	500	1,000	N	N	150	100	300	N	>2,000
LH1039C	N	500	3,000	N	N	50	N	70	15,000	>2,000
LH1040C	N	N	3,000	N	N	50	N	N	N	150
LH1041C	<10	100	2,000	N	N	150	N	30	7,000	1,500
LH1042C	15	20	5,000	N	N	150	N	100	N	>2,000
LH1043C	N	2,000	>10,000	N	N	20	N	30	N	2,000
LH1044C	15	300	3,000	N	N	700	N	100	700	>2,000
LH1045C	150	>2,000	<200	300	1,500	100	70	1,500	N	>2,000
LH1046C	200	2,000	N	500	5,000	20	100	1,500	N	>2,000
LH1047C	150	>2,000	N	200	1,000	70	150	700	N	>2,000
LH1048C	100	>2,000	<200	<200	N	100	150	1,500	N	>2,000
LH1049C	70	1,000	700	N	N	300	1,000	300	N	>2,000
LH1050C	200	>2,000	<200	<200	<1,000	150	1,000	1,000	N	>2,000
LH1051C	150	300	500	200	N	300	N	100	N	>2,000
LH1052C	30	150	700	N	N	500	100	100	N	2,000
LH1053C	30	N	300	N	N	700	N	150	N	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH1054C	61 39 11	154 13 29	.50	.10	15.00	<.5	.200	3.0	5.0	500
LH1055C	61 40 21	154 16 45	.50	.05	2.00	<.5	.500	1.0	N	7,000
LH1056C	61 39 41	154 20 41	2.00	2.00	2.00	.5	2.000	1.0	N	N
LH1057C	61 35 29	154 18 15	1.00	.07	15.00	.5	.700	<.5	7.0	5,000
LH1058C	61 36 31	154 16 32	2.00	.15	10.00	.5	>2.000	5.0	30.0	<500
LH1059C	61 36 33	154 16 15	.50	<.05	5.00	<.5	.300	.7	5.0	N
LH1060C	61 35 41	154 11 31	.70	.05	1.50	<.5	.300	2.0	N	N
LH1061C	61 33 8	154 11 44	.50	<.05	1.50	1.5	.150	1.5	N	N
LH1062C	61 33 4	154 11 55	1.00	.05	2.00	<.5	1.500	5.0	10.0	700
LH1063C	61 33 1	154 18 3	2.00	.30	10.00	<.5	>2.000	5.0	7.0	700
LH1064C	61 33 30	154 20 28	5.00	.30	7.00	.5	>2.000	5.0	20.0	N
LH1065C	61 30 55	154 19 21	7.00	.30	10.00	.5	>2.000	7.0	10.0	N
LH1066C	61 30 43	154 20 21	1.00	.70	1.00	<.5	>2.000	.7	N	N
LH1067C	61 11 30	154 12 49	2.00	.15	30.00	<.5	>2.000	15.0	N	500
LH1068C	61 11 26	154 5 54	1.00	.10	30.00	1.0	>2.000	10.0	N	500
LH1069C	61 13 11	154 6 13	1.50	.15	30.00	.5	>2.000	15.0	N	500
LH1100C	61 38 20	153 53 44	2.00	.10	20.00	1.0	>2.000	5.0	2.0	2,000
LH1101C	61 37 32	153 54 23	.70	.05	10.00	<.5	>2.000	5.0	50.0	500
LH1102C	61 37 52	153 56 3	2.00	.30	10.00	<.5	>2.000	3.0	N	N
LH1103C	61 35 25	153 55 22	2.00	<.05	15.00	<.5	>2.000	7.0	7.0	3,000
LH1104C	61 35 14	153 55 26	2.00	.07	10.00	.5	>2.000	5.0	10.0	<500
LH1105C	61 34 15	153 57 18	2.00	.20	20.00	.7	2.000	10.0	N	N
LH1106C	61 41 1	154 2 29	30.00	.70	3.00	<.5	1.000	.7	7.0	5,000
LH1107C	61 40 58	154 2 25	30.00	.30	3.00	<.5	2.000	.7	50.0	20,000
LH1108C	61 48 41	154 13 28	5.00	5.00	30.00	.7	.300	N	10.0	7,000
LH1109C	61 48 32	154 11 51	15.00	3.00	15.00	.7	.500	N	50.0	7,000
LH1110C	61 46 28	154 12 58	5.00	5.00	20.00	1.0	.700	N	2.0	<500
LH1111C	61 46 15	154 11 17	7.00	3.00	10.00	.7	>2.000	1.0	3.0	3,000
LH1112C	61 45 11	154 10 15	2.00	.15	1.50	<.5	2.000	1.5	10.0	500
LH1113C	61 43 17	154 9 22	1.50	.05	3.00	<.5	2.000	3.0	20.0	10,000
LH1114C	61 42 53	154 7 37	3.00	.07	15.00	<.5	>2.000	1.0	10.0	15,000
LH1115C	61 38 39	154 4 55	30.00	.50	5.00	.7	1.500	.7	20.0	5,000
LH1116C	61 39 2	154 7 30	.70	.05	2.00	<.5	.700	3.0	N	1,000
LH1117C	61 36 30	154 3 0	10.00	.70	5.00	.7	>2.000	1.0	10.0	3,000
LH1118C	61 35 41	154 3 56	30.00	.07	15.00	<.5	.200	7.0	20.0	1,500
LH1119C	61 32 50	154 3 37	1.00	.15	10.00	<.5	.500	7.0	N	N
LH1120C	61 32 16	154 2 52	3.00	.05	10.00	<.5	1.500	10.0	100.0	5,000
LH1121C	61 30 31	153 59 3	5.00	.30	20.00	.5	>2.000	10.0	300.0	7,000
LH1122C	61 31 58	154 7 35	2.00	.15	30.00	.5	.500	15.0	20.0	1,000
LH1123C	61 30 7	154 10 41	7.00	.05	1.50	<.5	>2.000	1.5	10.0	3,000
LH1124C	61 29 24	154 5 29	1.50	.05	15.00	<.5	.700	10.0	5.0	3,000
LH1125C	61 28 45	154 3 13	1.50	.05	15.00	<.5	.500	10.0	100.0	3,000
LH1126C	61 23 31	154 3 46	5.00	.05	7.00	<.5	1.000	5.0	10.0	>20,000
LH1127C	61 23 36	154 3 49	3.00	<.05	2.00	<.5	2.000	3.0	15.0	>20,000
LH1128C	61 24 10	154 6 46	.70	<.05	50.00	<.5	1.000	.7	30.0	2,000
LH1129C	61 23 42	154 9 41	1.00	<.05	30.00	<.5	1.500	1.0	2.0	5,000
LH1130C	61 23 21	154 10 30	5.00	.20	20.00	.7	>2.000	5.0	5.0	>20,000
LH1131C	61 21 16	154 11 44	1.00	.15	20.00	<.5	>2.000	20.0	3.0	2,000
LH1132C	61 20 28	154 10 21	5.00	1.00	10.00	.7	>2.000	3.0	N	3,000
LH1133C	61 19 9	154 5 2	2.00	.10	30.00	.5	>2.000	20.0	2.0	2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH1054C	N	N	200	3	500	N	30	<20	50
LH1055C	N	N	1,000	3	500	N	50	<20	30
LH1056C	N	70	200	2	N	N	30	200	10
LH1057C	N	N	200	7	200	N	100	<20	50
LH1058C	50	N	700	3	N	N	30	50	15
LH1059C	N	N	500	5	500	N	70	<20	70
LH1060C	N	N	300	15	200	N	30	<20	150
LH1061C	N	N	1,000	2	N	N	N	<20	20
LH1062C	N	N	300	N	N	N	<20	<20	50
LH1063C	N	70	7,000	70	500	N	20	50	50
LH1064C	N	20	1,000	N	N	N	20	150	70
LH1065C	N	N	>10,000	N	N	N	50	70	100
LH1066C	N	50	500	3	N	N	<20	150	20
LH1067C	N	100	>10,000	N	700	N	30	70	100
LH1068C	N	30	700	2	N	N	50	30	<10
LH1069C	N	1,500	150	2	N	N	<20	30	50
LH1100C	N	N	300	3	50	N	30	20	100
LH1101C	N	N	300	2	<20	N	30	<20	70
LH1102C	N	100	500	10	<20	N	<20	500	70
LH1103C	N	20	100	15	<20	N	70	<20	150
LH1104C	N	N	300	2	N	N	70	20	100
LH1105C	N	N	300	2	N	N	<20	30	70
LH1106C	N	N	>10,000	N	N	N	300	30	500
LH1107C	150	N	>10,000	N	N	N	700	100	700
LH1108C	N	50	7,000	150	100	N	100	70	20
LH1109C	N	100	>10,000	N	500	N	50	50	50
LH1110C	N	150	3,000	2	N	N	20	150	70
LH1111C	N	200	7,000	2	N	N	150	100	150
LH1112C	N	50	700	N	N	N	<20	30	50
LH1113C	N	N	200	3	N	N	500	<20	100
LH1114C	N	N	200	3	150	N	300	<20	100
LH1115C	N	200	1,000	N	N	N	700	100	500
LH1116C	N	N	150	N	N	N	30	<20	70
LH1117C	N	1,000	1,000	2	N	N	700	150	700
LH1118C	N	N	300	N	N	N	500	20	200
LH1119C	N	70	500	7	N	N	<20	150	15
LH1120C	N	N	150	N	150	N	300	<20	150
LH1121C	N	100	300	N	N	N	20	50	150
LH1122C	N	20	200	N	N	N	70	<20	30
LH1123C	N	N	>10,000	3	500	N	200	<20	100
LH1124C	N	100	300	N	N	N	200	<20	100
LH1125C	N	N	70	N	<20	N	300	<20	150
LH1126C	N	200	50	7	200	N	2,000	<20	100
LH1127C	N	50	150	3	150	N	2,000	<20	100
LH1128C	N	70	70	7	N	N	70	<20	10
LH1129C	N	N	200	7	N	N	100	<20	10
LH1130C	N	500	70	15	200	N	700	50	50
LH1131C	N	50	70	3	70	N	70	30	100
LH1132C	N	2,000	70	15	N	N	100	100	20
LH1133C	N	200	70	5	30	N	100	20	100

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Nf ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH1054C	N	N	1,000	300	20	50	N	200	N	N
LH1055C	N	N	300	200	N	<50	200	200	N	N
LH1056C	20	N	2,000	1,000	N	100	20	30	N	N
LH1057C	<10	N	1,500	200	N	100	150	500	N	N
LH1058C	10	N	700	1,000	50	50	15	1,000	N	N
LH1059C	<10	N	2,000	300	N	70	N	500	N	N
LH1060C	<10	N	>2,000	700	N	70	<10	150	N	N
LH1061C	10	N	100	150	N	<50	<10	20	N	N
LH1062C	<10	N	500	300	N	<50	10	150	N	N
LH1063C	<10	N	300	1,000	N	100	50	700	N	N
LH1064C	<10	N	500	500	N	100	30	<20	N	N
LH1065C	<10	N	500	500	15	150	70	2,000	N	N
LH1066C	<10	N	1,000	500	N	50	20	70	N	N
LH1067C	<10	N	1,000	7,000	N	150	50	20	N	N
LH1068C	10	N	500	7,000	N	150	50	20	N	N
LH1069C	10	N	700	7,000	N	150	10	20	N	N
LH1100C	10	N	700	1,500	N	150	20	50	N	N
LH1101C	10	N	500	500	N	150	20	700	N	N
LH1102C	30	20	300	1,500	N	100	30	<20	N	N
LH1103C	10	N	300	1,000	N	70	70	150	N	N
LH1104C	10	N	700	500	N	200	50	200	N	N
LH1105C	15	N	1,500	1,500	N	<50	20	50	N	N
LH1106C	10	N	150	100	N	<50	300	1,500	N	<200
LH1107C	<10	N	100	100	N	50	700	5,000	N	<200
LH1108C	<10	N	300	300	N	50	100	1,000	N	N
LH1109C	<10	N	N	300	150	<50	100	3,000	N	200
LH1110C	10	N	100	500	N	<50	50	500	N	<200
LH1111C	10	N	700	700	20	100	150	500	N	N
LH1112C	<10	N	300	1,000	150	<50	30	70	N	N
LH1113C	<10	N	700	700	N	50	200	300	N	N
LH1114C	<10	N	1,000	150	N	100	200	300	N	N
LH1115C	10	N	700	1,000	N	<50	700	1,500	N	N
LH1116C	<10	N	500	300	N	<50	50	20	N	N
LH1117C	10	N	500	1,500	30	70	300	3,000	N	N
LH1118C	<10	N	700	1,000	N	<50	500	2,000	N	N
LH1119C	20	N	700	700	N	<50	20	20	N	N
LH1120C	<10	N	1,000	1,500	N	50	300	1,500	N	N
LH1121C	<10	N	1,000	1,500	300	70	20	2,000	N	N
LH1122C	<10	N	1,500	1,500	N	<50	50	1,000	N	N
LH1123C	<10	N	500	300	50	100	100	300	N	N
LH1124C	<10	N	2,000	3,000	N	<50	150	200	N	N
LH1125C	<10	N	1,500	3,000	N	<50	100	150	N	N
LH1126C	<10	N	>2,000	3,000	N	50	1,500	150	N	N
LH1127C	<10	N	>2,000	1,000	N	70	1,500	700	N	N
LH1128C	<10	N	1,500	300	N	100	30	500	N	N
LH1129C	<10	N	1,500	500	N	100	50	500	N	N
LH1130C	10	N	2,000	5,000	N	100	700	200	N	N
LH1131C	<10	N	1,500	7,000	20	100	70	300	N	N
LH1132C	30	<20	700	2,000	N	300	70	50	N	N
LH1133C	<10	N	2,000	7,000	N	70	100	70	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH1054C	30	500	N	>5,000	15,000	30	1,000	>5,000	N	>2,000
LH1055C	30	700	N	>5,000	15,000	20	200	>5,000	N	>2,000
LH1056C	50	150	<200	3,000	3,000	150	70	1,500	N	>2,000
LH1057C	50	>2,000	<200	>5,000	15,000	150	1,000	1,500	N	>2,000
LH1058C	30	200	<200	2,000	2,000	150	50	700	N	>2,000
LH1059C	50	>2,000	<200	>5,000	20,000	30	1,000	5,000	N	>2,000
LH1060C	50	>2,000	N	>5,000	15,000	20	1,000	3,000	N	>2,000
LH1061C	30	30	<200	1,000	1,000	<20	100	300	N	>2,000
LH1062C	100	50	N	1,000	1,000	20	50	700	N	>2,000
LH1063C	50	>2,000	500	300	N	100	15,000	500	N	>2,000
LH1064C	150	100	700	<200	N	300	5,000	500	N	>2,000
LH1065C	70	700	1,000	<200	N	150	50	300	N	>2,000
LH1066C	150	500	<200	700	1,000	150	100	500	N	>2,000
LH1067C	150	2,000	700	N	N	100	100	700	N	>2,000
LH1068C	70	700	<200	N	N	30	200	700	N	>2,000
LH1069C	70	700	<200	N	N	100	100	1,000	N	>2,000
LH1100C	150	150	<200	N	N	50	500	1,000	N	>2,000
LH1101C	200	300	N	N	N	70	100	700	N	>2,000
LH1102C	100	100	<200	N	N	700	200	500	N	>2,000
LH1103C	200	150	<200	N	1,000	30	100	700	N	>2,000
LH1104C	>200	70	<200	N	N	100	70	700	N	>2,000
LH1105C	100	300	200	200	1,000	100	N	700	N	>2,000
LH1106C	N	200	300	N	N	70	N	50	700	2,000
LH1107C	20	N	200	N	N	150	700	150	700	1,500
LH1108C	30	300	1,500	1,500	1,500	150	500	2,000	N	>2,000
LH1109C	10	1,000	5,000	N	N	70	150	150	1,500	2,000
LH1110C	15	200	1,000	N	N	150	N	70	N	>2,000
LH1111C	100	20	200	1,500	2,000	300	500	700	N	>2,000
LH1112C	150	100	N	1,000	1,500	50	50	700	N	>2,000
LH1113C	100	1,500	N	3,000	3,000	30	500	1,000	N	>2,000
LH1114C	70	150	N	>5,000	5,000	30	500	1,500	N	>2,000
LH1115C	10	100	300	N	N	150	N	150	700	>2,000
LH1116C	100	N	N	1,000	1,000	20	150	700	N	>2,000
LH1117C	30	N	<200	N	N	300	N	200	700	>2,000
LH1118C	15	50	N	N	N	30	200	700	500	>2,000
LH1119C	30	300	<200	<200	<1,000	150	100	500	N	>2,000
LH1120C	100	>2,000	<200	200	3,000	70	2,000	700	N	>2,000
LH1121C	20	1,500	200	N	N	100	500	700	N	>2,000
LH1122C	50	N	200	700	N	30	500	1,500	N	>2,000
LH1123C	70	30	N	>5,000	5,000	30	2,000	700	N	>2,000
LH1124C	200	200	<200	700	2,000	30	200	1,000	N	>2,000
LH1125C	150	500	<200	200	1,000	20	N	1,000	N	>2,000
LH1126C	200	>2,000	N	1,000	5,000	20	150	1,500	N	>2,000
LH1127C	200	>2,000	N	1,000	7,000	20	200	1,500	N	>2,000
LH1128C	50	30	N	>5,000	5,000	20	300	3,000	N	>2,000
LH1129C	70	500	N	>5,000	5,000	<20	500	>5,000	N	>2,000
LH1130C	70	>2,000	<200	3,000	7,000	30	150	3,000	N	>2,000
LH1131C	150	>2,000	<200	<200	N	70	200	1,500	N	>2,000
LH1132C	100	>2,000	<200	1,000	3,000	50	300	1,000	N	>2,000
LH1133C	150	1,000	200	200	1,000	50	100	1,500	N	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH1134C	61 19 16	154 6 55	3.00	.10	10.00	.5	>2.000	7.0	10.0	20,000
LH1135C	61 21 0	154 10 44	1.00	.30	30.00	.7	2.000	.5	5.0	3,000
LH1136C	61 20 49	154 11 2	1.00	.15	50.00	<.5	2.000	<.5	2.0	3,000
LH1137C	61 23 43	154 13 37	2.00	.30	30.00	.5	>2.000	7.0	N	500
LH1138C	61 23 40	154 13 26	2.00	.10	20.00	<.5	>2.000	7.0	3.0	3,000
LH1139C	61 27 6	154 7 16	2.00	.10	20.00	<.5	>2.000	3.0	5.0	20,000
LH1140C	61 29 42	154 10 34	3.00	<.05	3.00	.5	>2.000	1.5	7.0	3,000
LH1141C	61 27 50	154 12 53	2.00	<.05	30.00	<.5	>2.000	<.5	70.0	>20,000
LH1142C	61 26 25	154 10 26	1.00	<.05	20.00	<.5	>2.000	.7	50.0	15,000
LH1143C	61 27 0	154 15 6	.50	<.05	15.00	<.5	>2.000	1.5	N	1,000
LH1144C	61 28 51	154 16 46	.70	<.05	15.00	.7	.700	.7	50.0	3,000
LH1145C	61 25 8	154 14 34	.70	<.05	15.00	.5	1.000	.7	50.0	5,000
LH1146C	61 21 23	154 17 17	1.00	.15	10.00	.5	>2.000	7.0	7.0	N
LH1147C	61 21 28	154 17 15	1.00	.20	20.00	<.5	>2.000	1.5	3.0	N
LH1148C	61 21 45	154 21 46	7.00	1.00	5.00	<.5	>2.000	3.0	2.0	N
LH1149C	61 21 51	154 21 50	1.00	.30	15.00	.5	>2.000	7.0	N	N
LH1150C	61 19 38	154 22 46	1.00	.30	5.00	.7	>2.000	2.0	20.0	1,500
LH1151C	61 18 57	154 16 10	1.00	.15	10.00	.5	>2.000	5.0	5.0	1,000
LH1152C	61 18 28	154 12 29	10.00	.05	7.00	.5	2.000	1.5	50.0	>20,000
LH1153C	61 18 31	154 12 25	2.00	.05	20.00	<.5	>2.000	10.0	5.0	5,000
LH1154C	61 46 48	154 19 21	3.00	3.00	15.00	.7	.700	N	30.0	1,500
LH1155C	61 25 28	154 3 17	1.00	.15	15.00	.7	>2.000	5.0	7.0	1,500
LH1156C	61 17 38	154 19 58	1.00	.10	10.00	.7	>2.000	7.0	30.0	3,000
LH1157C	61 43 43	154 19 38	1.50	1.50	3.00	<.5	.700	1.5	10.0	3,000
LH1158C	61 40 50	154 16 57	1.00	.05	3.00	.5	1.000	1.0	N	2,000
LH1159C	61 39 33	154 12 39	1.00	.07	10.00	.5	.700	7.0	50.0	N
LH1160C	61 39 56	154 12 53	.70	<.05	5.00	<.5	1.300	3.0	50.0	700
LH1161C	61 38 38	154 23 1	.50	.05	2.00	<.5	2.000	1.0	N	3,000
LH1162C	61 35 49	154 16 28	1.50	<.05	5.00	<.5	.200	1.5	3.0	7,000
LH1163C	61 35 33	154 10 41	.50	.05	10.00	.5	.300	5.0	N	500
LH1164C	61 35 30	154 10 13	.70	<.05	20.00	<.5	.150	7.0	N	N
LH1165C	61 34 1	154 12 57	.70	<.05	1.50	1.0	.150	1.5	2.0	500
LH1166C	61 33 42	154 13 5	2.00	<.05	2.00	<.5	2.000	2.0	7.0	10,000
LH1167C	61 33 9	154 16 5	2.00	.07	15.00	<.5	>2.000	1.0	100.0	3,000
LH1168C	61 33 9	154 22 39	1.00	.20	5.00	.5	>2.000	7.0	N	N
LH1169C	61 30 45	154 15 26	7.00	.05	10.00	<.5	>2.000	.7	N	5,000
LH1170C	61 30 44	154 22 15	1.00	.10	20.00	.5	>2.000	1.0	N	3,000
LH1171C	61 15 11	154 11 8	2.00	.15	15.00	.5	>2.000	7.0	N	N
LH1172C	61 13 32	154 12 34	2.00	.15	30.00	.5	>2.000	20.0	20.0	2,000
LH1173C	61 11 27	154 13 2	5.00	.30	1.50	.5	>2.000	7.0	N	700
LH1174C	61 10 0	154 20 14	1.50	.70	5.00	<.5	>2.000	7.0	N	N
LH1175C	61 9 25	154 14 51	2.00	.30	3.00	.5	>2.000	5.0	N	700
LH1176C	61 8 2	154 8 24	10.00	2.00	1.50	.7	>2.000	1.5	N	500
LH1177C	61 7 34	154 10 26	7.00	1.50	10.00	.7	>2.000	5.0	N	<500
LH1178C	61 7 37	154 11 54	10.00	1.50	5.00	.7	>2.000	2.0	N	<500
LH1179C	61 8 1	154 15 38	5.00	.70	5.00	.5	>2.000	3.0	70.0	500
LH1180C	61 6 40	154 16 9	5.00	.70	10.00	1.0	>2.000	5.0	50.0	<500
LH1181C	61 7 6	154 3 55	7.00	.70	1.50	.5	>2.000	3.0	N	<500
LH1182C	61 11 20	154 5 49	5.00	.50	20.00	.7	>2.000	7.0	N	N
LH1183C	61 13 17	154 6 6	1.50	.10	30.00	<.5	>2.000	20.0	15.0	700

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH1134C	N	300	70	2	100	N	700	20	150
LH1135C	N	500	<50	20	150	N	N	70	100
LH1136C	N	100	<50	70	N	N	N	<20	10
LH1137C	N	200	70	10	N	N	20	50	10
LH1138C	N	500	<50	5	30	N	100	<20	200
LH1139C	N	500	50	15	200	N	700	30	70
LH1140C	N	N	>10,000	3	300	N	70	<20	70
LH1141C	N	N	100	30	200	N	200	20	10
LH1142C	N	N	70	500	N	N	100	<20	100
LH1143C	N	20	70	7	N	N	N	<20	10
LH1144C	N	N	<50	5	N	N	50	<20	10
LH1145C	N	N	50	7	N	N	50	<20	30
LH1146C	N	20	200	3	150	N	20	70	10
LH1147C	N	20	1,000	2	30	N	20	70	30
LH1148C	N	70	300	3	700	N	30	200	100
LH1149C	N	500	700	5	200	N	N	100	50
LH1150C	N	700	500	3	200	N	30	100	50
LH1151C	N	100	200	3	N	N	N	100	50
LH1152C	N	N	70	15	300	N	1,000	<20	150
LH1153C	N	70	100	3	150	N	150	<20	100
LH1154C	N	300	>10,000	7	<20	N	30	70	50
LH1155C	N	300	300	7	70	N	100	20	70
LH1156C	N	700	150	3	150	N	100	<20	<10
LH1157C	N	700	7,000	N	N	N	30	200	30
LH1158C	N	N	200	3	150	N	150	<20	10
LH1159C	N	N	300	3	70	N	<20	<20	100
LH1160C	N	N	150	5	500	N	50	<20	100
LH1161C	N	N	150	2	N	N	N	20	50
LH1162C	N	N	700	20	N	N	200	<20	30
LH1163C	N	N	200	N	N	N	30	<20	50
LH1164C	N	N	100	N	N	N	50	<20	20
LH1165C	N	N	300	N	N	N	70	<20	500
LH1166C	N	N	300	3	N	N	100	<20	50
LH1167C	N	20	300	20	N	N	100	30	100
LH1168C	N	N	700	N	N	N	N	100	15
LH1169C	N	20	70	20	300	N	50	20	10
LH1170C	N	N	1,500	10	N	N	50	50	10
LH1171C	N	500	150	5	50	N	20	30	50
LH1172C	N	150	150	2	150	N	70	20	150
LH1173C	N	N	>10,000	N	N	N	20	150	70
LH1174C	N	500	7,000	2	N	N	<20	200	10
LH1175C	N	20	5,000	N	N	N	30	200	20
LH1176C	N	30	>10,000	2	N	N	50	150	200
LH1177C	N	100	>10,000	N	N	N	50	200	200
LH1178C	N	70	2,000	2	N	N	70	150	100
LH1179C	300	20	1,500	N	N	N	30	150	70
LH1180C	100	50	2,000	300	N	N	50	150	70
LH1181C	N	20	>10,000	2	N	N	50	150	70
LH1182C	N	100	500	3	N	N	<20	50	20
LH1183C	N	30	150	2	<20	N	20	20	10

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Ni ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH1134C	<10	N	>2,000	5,000	N	100	1,000	100	N	N
LH1135C	<10	N	>2,000	700	100	300	70	300	N	N
LH1136C	<10	N	1,500	500	N	300	15	150	N	N
LH1137C	15	N	>2,000	3,000	N	300	15	100	N	N
LH1138C	<10	N	>2,000	7,000	N	100	100	50	N	N
LH1139C	<10	N	>2,000	2,000	30	100	700	500	N	N
LH1140C	<10	N	200	200	N	70	50	150	N	N
LH1141C	N	N	1,500	200	N	500	150	700	N	N
LH1142C	<10	N	1,500	300	30	1,000	50	5,000	N	N
LH1143C	<10	N	1,000	700	20	700	N	700	N	N
LH1144C	<10	N	700	150	30	70	50	1,500	N	N
LH1145C	N	N	700	150	30	70	50	700	N	N
LH1146C	<10	N	200	3,000	N	200	10	300	N	N
LH1147C	<10	N	150	700	100	150	20	700	N	N
LH1148C	<10	N	150	500	N	200	100	50	N	N
LH1149C	<10	N	300	1,500	N	150	30	20	N	N
LH1150C	<10	N	N	500	N	150	50	200	N	N
LH1151C	<10	N	150	2,000	50	300	20	15,000	N	N
LH1152C	<10	N	200	700	N	200	700	500	N	N
LH1153C	<10	N	700	5,000	N	150	100	300	N	N
LH1154C	<10	N	100	500	N	<50	30	2,000	N	N
LH1155C	15	N	1,500	3,000	20	500	70	700	N	N
LH1156C	<10	N	300	3,000	N	100	50	300	N	N
LH1157C	20	N	N	500	N	<50	70	1,000	N	N
LH1158C	<10	<20	300	100	N	<50	70	100	N	N
LH1159C	<10	N	500	300	30	<50	<10	500	N	N
LH1160C	<10	N	300	300	1,000	<50	20	7,000	N	N
LH1161C	<10	N	150	300	N	<50	<10	100	N	N
LH1162C	15	N	200	300	N	<50	100	500	N	N
LH1163C	<10	N	300	200	N	<50	20	30	N	N
LH1164C	<10	N	1,000	500	N	N	10	20	N	N
LH1165C	<10	N	500	100	N	N	50	200	N	N
LH1166C	<10	N	300	300	N	50	100	150	N	N
LH1167C	10	N	1,500	500	N	200	70	70	N	N
LH1168C	<10	N	300	1,000	N	50	15	20	N	N
LH1169C	<10	N	700	200	N	300	20	700	N	N
LH1170C	<10	<20	1,500	300	N	500	20	100	N	N
LH1171C	10	N	700	3,000	N	1,000	10	30	N	N
LH1172C	10	N	700	10,000	N	200	70	15	N	N
LH1173C	<10	N	500	500	N	200	30	50	N	N
LH1174C	15	N	1,000	2,000	N	50	10	20	N	N
LH1175C	<10	N	150	200	N	200	30	20	N	N
LH1176C	10	N	700	2,000	N	100	100	70	N	N
LH1177C	10	N	500	3,000	N	100	100	50	N	500
LH1178C	20	N	>2,000	3,000	N	150	70	50	N	N
LH1179C	10	N	700	1,500	N	150	30	50	N	20,000
LH1180C	20	N	150	1,500	N	70	30	30	N	200
LH1181C	10	N	1,000	1,500	N	150	70	30	N	N
LH1182C	15	N	700	5,000	N	150	10	20	N	N
LH1183C	<10	N	700	7,000	N	200	20	50	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH1134C	200	>2,000	<200	500	2,000	20	200	1,500	N	>2,000
LH1135C	150	1,500	<200	>5,000	3,000	70	N	>5,000	N	>2,000
LH1136C	100	2,000	200	>5,000	3,000	N	N	>5,000	N	>2,000
LH1137C	200	700	<200	3,000	1,500	50	150	5,000	N	>2,000
LH1138C	200	1,500	<200	500	<1,000	30	70	3,000	N	>2,000
LH1139C	200	700	<200	3,000	7,000	30	200	>5,000	N	>2,000
LH1140C	70	50	<200	5,000	3,000	50	1,500	700	N	>2,000
LH1141C	150	1,500	<200	>5,000	3,000	50	100	>5,000	N	>2,000
LH1142C	>200	150	<200	>5,000	5,000	70	N	>5,000	N	>2,000
LH1143C	150	>2,000	N	>5,000	5,000	50	150	5,000	N	>2,000
LH1144C	70	300	N	>5,000	7,000	20	1,000	3,000	N	>2,000
LH1145C	70	150	N	>5,000	7,000	20	500	3,000	N	>2,000
LH1146C	200	700	200	N	N	200	700	500	N	>2,000
LH1147C	100	700	500	N	N	100	2,000	300	N	>2,000
LH1148C	150	>2,000	500	N	N	300	150	300	N	>2,000
LH1149C	150	>2,000	700	N	N	200	100	500	N	>2,000
LH1150C	70	>2,000	200	N	N	150	1,000	150	N	1,500
LH1151C	150	>2,000	300	N	N	150	150	500	N	>2,000
LH1152C	50	>2,000	N	N	2,000	20	150	300	700	>2,000
LH1153C	150	>2,000	<200	N	N	30	200	700	N	>2,000
LH1154C	15	2,000	5,000	N	N	150	500	50	1,000	1,500
LH1155C	200	>2,000	<200	200	1,000	50	70	1,000	N	>2,000
LH1156C	150	>2,000	N	N	N	30	200	700	N	>2,000
LH1157C	30	>2,000	200	500	N	500	150	200	N	>2,000
LH1158C	50	1,000	N	>5,000	7,000	20	300	2,000	N	>2,000
LH1159C	50	100	<200	500	N	30	2,000	700	N	>2,000
LH1160C	70	700	N	2,000	2,000	30	200	1,000	N	>2,000
LH1161C	50	300	N	>5,000	7,000	50	200	1,000	N	>2,000
LH1162C	30	1,000	N	>5,000	15,000	50	500	1,500	N	>2,000
LH1163C	30	300	<200	500	N	<20	300	700	N	>2,000
LH1164C	70	30	<200	500	N	N	50	700	N	>2,000
LH1165C	30	2,000	N	2,000	2,000	N	100	500	N	>2,000
LH1166C	50	700	N	>5,000	3,000	20	100	700	N	>2,000
LH1167C	70	200	N	>5,000	3,000	100	300	1,500	N	>2,000
LH1168C	70	150	500	200	N	150	100	500	N	>2,000
LH1169C	100	500	N	>5,000	3,000	70	150	5,000	N	>2,000
LH1170C	100	150	<200	>5,000	5,000	150	150	>5,000	N	>2,000
LH1171C	200	>2,000	200	N	N	70	150	700	N	>2,000
LH1172C	100	1,000	<200	N	N	70	100	1,000	N	>2,000
LH1173C	150	1,500	3,000	N	N	300	N	200	N	>2,000
LH1174C	100	>2,000	500	N	N	150	150	500	N	>2,000
LH1175C	30	300	1,000	N	N	500	100	150	N	>2,000
LH1176C	150	1,000	500	N	N	300	N	150	N	>2,000
LH1177C	50	20	1,500	N	N	300	N	150	N	>2,000
LH1178C	100	20	700	N	N	500	N	300	N	>2,000
LH1179C	50	1,500	700	N	N	500	N	200	N	>2,000
LH1180C	30	>2,000	700	N	N	300	N	300	N	>2,000
LH1181C	100	1,500	1,000	N	N	500	N	200	N	>2,000
LH1182C	70	700	<200	N	N	150	100	700	N	>2,000
LH1183C	100	500	<200	N	N	70	50	1,000	N	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH1184C	60 59 55	153 41 50	.70	.30	30.00	1.0	>2.000	15.0	N	N
LH1185C	61 0 39	153 48 0	5.00	1.50	30.00	.7	2.000	3.0	N	<500
LH1186C	61 0 31	153 48 3	1.00	1.00	20.00	2.0	2.000	3.0	N	N
LH1187C	61 2 26	153 44 42	5.00	1.50	20.00	.5	>2.000	3.0	N	N
LH1188C	61 2 22	153 44 53	1.50	.70	30.00	1.5	>2.000	7.0	N	N
LH1189C	61 2 33	153 45 58	3.00	1.00	30.00	1.0	>2.000	7.0	N	N
LH1190C	61 3 57	153 46 47	7.00	1.50	20.00	.7	>2.000	2.0	N	500
LH1191C	61 7 45	153 40 8	1.00	5.00	30.00	1.0	>2.000	5.0	N	N
LH1192C	61 8 5	153 39 6	2.00	3.00	20.00	1.0	>2.000	3.0	N	1,500
LH1193C	61 0 37	153 38 9	2.00	1.00	7.00	.5	>2.000	1.5	N	N
LH1194C	61 1 14	153 39 32	2.00	.30	10.00	.5	>2.000	7.0	N	N
LH1195C	61 1 47	153 39 30	1.00	.50	20.00	.5	>2.000	7.0	N	N
LH1196C	61 1 57	153 40 15	1.00	.20	10.00	1.5	>2.000	1.5	N	N
LH1197C	61 5 3	153 40 42	15.00	.50	7.00	.7	2.000	5.0	N	2,000
LH1198C	61 4 59	153 40 32	1.00	.15	7.00	1.5	>2.000	5.0	N	N
LH1199C	61 5 10	153 40 16	7.00	.50	20.00	1.5	1.500	5.0	N	N
LH1200C	61 5 14	153 40 40	2.00	.70	20.00	1.5	2.000	7.0	50.0	<500
LH1201C	61 5 44	153 40 13	3.00	.70	30.00	.7	>2.000	7.0	N	<500
LH1202C	61 14 18	153 28 4	50.00	.10	.70	.7	.500	N	2.0	N
LH1203C	61 10 35	153 29 58	5.00	.15	5.00	.7	>2.000	2.0	N	700
LH1204C	61 55 3	154 46 51	7.00	3.00	10.00	1.0	>2.000	.5	N	N
LH1205C	61 53 33	154 46 48	1.50	.50	1.50	<.5	.300	N	N	N
LH1206C	61 53 7	154 47 52	10.00	3.00	10.00	1.0	>2.000	.7	N	N
LH1207C	61 52 18	154 47 21	1.00	.20	1.50	.5	.150	.5	N	N
LH1208C	61 51 46	154 49 33	7.00	3.00	20.00	1.5	>2.000	.5	N	N
LH1209C	61 50 18	154 47 12	.70	.15	1.50	<.5	.200	.7	N	N
LH1210C	61 49 53	154 48 40	7.00	5.00	15.00	1.5	>2.000	.5	N	N
LH1211C	61 46 55	154 48 42	1.00	.50	2.00	<.5	.500	<.5	N	N
LH1212C	61 45 56	154 51 7	2.00	1.00	5.00	1.0	>2.000	1.5	N	N
LH1213C	61 47 29	154 44 34	1.00	1.00	10.00	.5	>2.000	3.0	N	N
LH1214C	61 50 57	154 44 26	1.00	.50	1.50	<.5	.700	.7	N	N
LH1215C	61 4 45	153 29 36	2.00	.20	1.50	1.5	2.000	.5	2.0	1,500
LH1216C	61 5 25	153 29 39	3.00	1.00	7.00	.5	>2.000	1.5	5.0	N
LH1217C	61 3 35	153 34 9	5.00	5.00	10.00	1.0	>2.000	1.5	N	<500
LH1218C	61 2 19	153 34 30	5.00	7.00	20.00	<.5	1.500	<.5	3.0	3,000
LH1219C	61 2 5	153 30 45	1.00	.50	10.00	1.0	>2.000	1.5	N	<500
LH1220C	61 0 14	153 32 32	7.00	.15	3.00	.7	>2.000	1.0	200.0	N
LH1221C	61 1 12	153 28 1	2.00	1.00	20.00	1.0	>2.000	3.0	N	N
LH1222C	61 0 50	153 30 17	2.00	.20	7.00	1.0	>2.000	2.0	10.0	N
LH1223C	61 2 48	153 22 22	7.00	5.00	10.00	1.0	2.000	2.0	7.0	N
LH1224C	61 1 3	153 20 43	5.00	.50	7.00	1.5	>2.000	2.0	20.0	N
LH1225C	61 1 0	153 19 51	5.00	.15	15.00	<.5	>2.000	7.0	7.0	N
LH1226C	61 0 24	153 15 57	.50	.05	1.00	1.0	1.500	1.5	N	N
LH1227C	61 2 20	153 15 42	3.00	.50	1.00	1.0	2.000	1.5	70.0	N
LH1228C	61 4 59	153 20 48	15.00	1.00	10.00	<.5	2.000	5.0	30.0	3,000
LH1229C	61 5 26	153 23 33	15.00	.50	20.00	<.5	1.500	7.0	2.0	3,000
LH1230C	61 7 2	153 21 22	3.00	10.00	20.00	<.5	.500	N	20.0	3,000
LH1231C	61 6 51	153 21 56	3.00	.05	1.50	N	.200	.7	5.0	15,000
LH1232C	61 46 15	155 4 43	7.00	3.00	15.00	.7	>2.000	.5	N	N
LH1233C	61 46 57	154 55 28	5.00	1.50	20.00	.7	>2.000	N	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH1184C	N	N	150	N	N	N	<20	20	10
LH1185C	N	50	1,500	2	N	N	70	70	70
LH1186C	N	20	300	N	N	N	50	70	15
LH1187C	N	20	1,000	N	N	N	50	100	70
LH1188C	N	1,500	300	N	N	N	20	70	30
LH1189C	N	100	150	N	N	N	20	70	30
LH1190C	N	100	300	2	N	N	100	50	150
LH1191C	N	N	200	N	N	N	<20	20	10
LH1192C	N	N	700	N	N	N	20	<20	<10
LH1193C	N	N	200	N	N	N	300	<20	30
LH1194C	N	N	200	N	N	N	150	20	100
LH1195C	N	N	70	N	N	N	70	30	20
LH1196C	N	N	300	N	N	N	30	<20	15
LH1197C	N	200	5,000	N	N	N	200	30	150
LH1198C	N	N	700	N	N	N	100	<20	10
LH1199C	N	N	200	N	N	N	300	<20	70
LH1200C	30	N	500	N	N	N	30	20	70
LH1201C	N	30	1,500	N	N	N	50	20	70
LH1202C	N	N	1,500	N	N	N	200	<20	100
LH1203C	N	N	7,000	3	N	N	20	<20	<10
LH1204C	N	150	3,000	3	N	N	50	500	70
LH1205C	N	N	>10,000	N	N	N	N	20	30
LH1206C	N	300	>10,000	7	N	N	50	300	70
LH1207C	N	20	>10,000	N	N	N	N	30	10
LH1208C	N	200	>10,000	2	N	N	30	700	70
LH1209C	N	N	>10,000	N	N	N	N	20	10
LH1210C	N	200	>10,000	5	N	N	30	500	100
LH1211C	N	100	>10,000	N	N	N	N	30	30
LH1212C	N	500	>10,000	N	N	N	<20	70	50
LH1213C	N	700	>10,000	15	N	N	N	200	<10
LH1214C	N	20	>10,000	N	N	N	N	50	<20
LH1215C	N	N	10,000	N	100	N	30	<20	100
LH1216C	N	N	700	3	N	N	20	30	200
LH1217C	N	N	1,500	N	30	N	50	50	150
LH1218C	N	20	500	N	N	N	300	30	70
LH1219C	N	N	>10,000	N	N	N	20	20	50
LH1220C	N	N	1,000	N	100	N	50	<20	50
LH1221C	N	N	7,000	N	N	N	30	50	50
LH1222C	N	N	1,500	5	30	N	20	<20	10
LH1223C	30	500	1,500	N	N	N	100	1,000	100
LH1224C	N	N	7,000	N	500	N	50	<20	70
LH1225C	N	N	3,000	N	30	N	30	30	100
LH1226C	N	N	700	N	N	N	N	<20	<10
LH1227C	N	N	5,000	2	1,500	N	20	30	30
LH1228C	N	1,500	5,000	N	N	N	150	150	500
LH1229C	N	100	7,000	N	N	N	150	70	300
LH1230C	30	30	300	N	30	N	70	70	30
LH1231C	N	N	1,000	N	N	N	50	<20	50
LH1232C	N	70	7,000	N	N	N	50	700	70
LH1233C	N	300	700	N	N	N	30	200	70

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Ni ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH1184C	<10	N	700	200	N	50	30	<20	N	N
LH1185C	30	N	100	500	N	<50	100	30	N	N
LH1186C	30	N	150	1,500	N	50	30	<20	N	N
LH1187C	20	N	200	2,000	50	70	30	500	N	N
LH1188C	15	N	200	1,500	N	100	15	100	N	N
LH1189C	20	N	200	1,500	N	100	20	<20	N	N
LH1190C	20	N	N	1,500	N	50	50	20	N	N
LH1191C	10	N	500	150	N	70	<10	N	N	N
LH1192C	10	N	300	150	N	70	<10	<20	N	N
LH1193C	<10	N	200	100	30	50	15	70	N	N
LH1194C	<10	N	500	100	N	<50	50	<20	N	N
LH1195C	<10	N	300	100	<10	<50	150	<20	30	N
LH1196C	15	N	150	70	N	50	<10	<20	N	N
LH1197C	15	N	100	200	10	<50	70	150	N	N
LH1198C	10	N	150	70	N	50	10	<20	N	N
LH1199C	15	N	200	500	N	<50	50	30	N	N
LH1200C	15	N	200	500	N	<50	10	<20	N	N
LH1201C	10	N	300	700	N	<50	10	30	N	N
LH1202C	15	N	N	150	100	150	30	100	N	N
LH1203C	15	N	1,500	700	20	<50	<10	200	N	N
LH1204C	20	N	150	1,000	N	50	70	30	N	N
LH1205C	N	N	N	150	N	<50	<10	N	N	N
LH1206C	20	N	150	1,500	N	70	70	30	N	N
LH1207C	N	N	N	150	N	<50	10	N	N	N
LH1208C	30	N	150	1,500	N	70	70	30	N	N
LH1209C	N	N	N	100	N	<50	<10	N	N	N
LH1210C	30	N	150	1,500	N	50	70	30	N	N
LH1211C	<10	N	N	150	N	<50	10	N	N	N
LH1212C	<10	N	N	300	N	<50	20	N	N	N
LH1213C	10	N	150	500	N	70	10	N	N	N
LH1214C	<10	N	N	150	N	<50	15	N	N	N
LH1215C	15	N	N	1,500	N	<50	<10	150	N	N
LH1216C	10	N	>2,000	3,000	10	500	<10	300	N	N
LH1217C	10	N	700	2,000	150	100	30	30	N	N
LH1218C	<10	N	N	500	30	<50	70	500	N	N
LH1219C	<10	N	300	700	10	150	15	<20	N	N
LH1220C	10	N	700	1,000	20	70	<10	500	N	N
LH1221C	10	N	700	1,500	<10	150	10	<20	N	N
LH1222C	15	N	200	700	N	70	<10	100	N	N
LH1223C	10	N	100	1,500	N	50	150	50	N	N
LH1224C	10	N	1,500	1,000	10	70	<10	200	N	N
LH1225C	<10	N	1,500	1,000	100	70	10	100	N	N
LH1226C	<10	N	2,000	500	50	<50	N	100	N	N
LH1227C	10	N	>2,000	1,500	200	70	<10	700	N	N
LH1228C	10	N	150	1,000	20	<50	150	3,000	N	<200
LH1229C	<10	N	100	2,000	20	<50	100	300	N	N
LH1230C	<10	N	N	3,000	70	<50	70	300	N	N
LH1231C	<10	N	200	300	100	<50	<10	300	N	N
LH1232C	15	N	150	1,000	100	70	70	20	N	N
LH1233C	20	N	N	700	N	<50	50	20	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH1184C	15	N	1,000	N	N	150	N	500	N	>2,000
LH1185C	20	N	500	<200	N	150	300	200	N	>2,000
LH1186C	10	N	700	500	N	150	100	150	N	>2,000
LH1187C	20	N	700	N	N	500	100	300	N	>2,000
LH1188C	15	N	1,000	N	N	300	50	300	N	>2,000
LH1189C	15	<20	1,000	N	N	500	N	300	N	>2,000
LH1190C	15	N	500	N	N	300	500	150	N	>2,000
LH1191C	30	30	500	<200	N	200	200	500	N	>2,000
LH1192C	30	50	200	700	N	150	1,500	500	N	>2,000
LH1193C	50	20	<200	200	N	300	200	500	N	>2,000
LH1194C	70	N	500	700	1,000	150	300	500	N	>2,000
LH1195C	50	N	200	700	N	150	100	500	N	>2,000
LH1196C	15	N	500	700	N	150	N	300	N	>2,000
LH1197C	15	N	200	N	N	150	70	200	N	>2,000
LH1198C	30	20	300	700	N	150	100	300	N	>2,000
LH1199C	15	N	700	200	N	100	50	300	N	>2,000
LH1200C	10	N	700	N	N	150	70	200	N	>2,000
LH1201C	20	N	500	N	N	200	100	500	N	>2,000
LH1202C	10	20	N	N	N	30	N	150	1,000	>2,000
LH1203C	100	300	<200	1,500	1,000	150	300	700	N	>2,000
LH1204C	30	N	300	N	N	300	N	150	N	>2,000
LH1205C	N	N	7,000	N	N	20	N	20	N	700
LH1206C	30	50	500	N	N	200	N	150	N	>2,000
LH1207C	N	30	5,000	N	N	20	N	30	N	700
LH1208C	30	30	700	N	N	300	N	150	N	>2,000
LH1209C	N	N	7,000	N	N	30	N	50	N	2,000
LH1210C	30	200	700	N	N	200	N	200	N	>2,000
LH1211C	N	N	7,000	N	N	50	N	30	500	2,000
LH1212C	15	300	1,500	N	N	150	N	150	N	>2,000
LH1213C	50	1,500	700	200	<1,000	150	150	500	N	>2,000
LH1214C	N	100	3,000	N	N	70	N	70	N	>2,000
LH1215C	50	N	<200	N	N	30	100	700	N	>2,000
LH1216C	200	300	<200	5,000	2,000	200	150	2,000	N	>2,000
LH1217C	50	70	<200	500	<1,000	150	200	700	N	>2,000
LH1218C	10	N	<200	N	N	100	150	150	N	>2,000
LH1219C	15	50	1,000	1,000	N	150	200	500	N	>2,000
LH1220C	100	N	300	200	N	150	500	500	N	>2,000
LH1221C	20	100	200	200	N	300	N	500	N	>2,000
LH1222C	30	20	300	700	<1,000	150	200	300	N	>2,000
LH1223C	30	N	200	N	N	200	700	150	N	>2,000
LH1224C	100	30	200	1,000	1,000	150	700	700	N	>2,000
LH1225C	100	70	<200	200	N	300	50	500	N	>2,000
LH1226C	200	N	N	700	1,000	<20	500	700	N	>2,000
LH1227C	200	50	<200	1,000	1,000	30	1,000	700	N	>2,000
LH1228C	15	N	300	N	N	150	N	200	N	>2,000
LH1229C	15	N	200	N	N	100	50	300	N	>2,000
LH1230C	10	N	N	N	N	100	150	200	N	>2,000
LH1231C	70	N	N	1,500	3,000	N	150	700	N	>2,000
LH1232C	30	30	300	N	N	200	N	150	N	>2,000
LH1233C	15	N	200	N	N	200	N	30	N	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH1234C	61 43 29	154 58 38	5.00	3.00	20.00	.7	>2.000	1.5	N	N
LH1235C	61 42 38	154 57 32	2.00	2.00	7.00	1.0	>2.000	1.0	N	N
LH1236C	61 41 4	155 0 22	5.00	2.00	15.00	.7	>2.000	.5	N	N
LH1237C	61 37 32	155 4 11	3.00	1.50	15.00	.7	.700	2.0	N	<500
LH1238C	61 37 32	155 4 25	2.00	1.00	15.00	.7	2.000	2.0	N	N
LH1239C	61 36 5	154 58 10	.70	.30	1.00	<.5	.100	N	N	N
LH1240C	61 38 7	154 52 56	.70	.20	1.50	<.5	.200	.5	N	N
LH1241C	61 37 38	154 48 27	5.00	2.00	20.00	.7	1.500	2.0	N	<500
LH1242C	61 41 22	154 45 48	2.00	2.00	15.00	.7	2.000	2.0	N	N
LH1243C	61 43 8	154 45 42	2.00	2.00	10.00	.5	2.000	1.5	N	N
LH1244C	61 48 39	155 13 47	2.00	2.00	10.00	.7	>2.000	1.5	N	N
LH1245C	61 51 20	155 8 51	2.00	2.00	7.00	1.5	>2.000	1.0	N	N
LH1246C	61 56 11	155 5 32	10.00	5.00	7.00	.5	>2.000	1.0	N	N
LH1247C	61 58 25	155 6 32	7.00	3.00	10.00	.5	>2.000	2.0	N	N
LH1248C	61 58 30	155 6 16	10.00	5.00	15.00	.5	>2.000	.5	N	N
LH1249C	61 59 59	155 4 15	10.00	5.00	5.00	.5	>2.000	1.5	N	N
LH1250C	61 59 57	155 7 25	3.00	.50	1.50	<.5	1.500	1.5	N	N
LH1251C	61 57 45	155 10 50	10.00	1.00	2.00	<.5	>2.000	.7	N	N
LH1252C	61 57 40	155 10 23	10.00	3.00	5.00	.7	>2.000	1.5	N	N
LH1253C	61 59 12	155 12 55	7.00	2.00	3.00	.7	2.000	1.0	N	N
LH1254C	61 58 45	155 14 35	7.00	3.00	2.00	.5	>2.000	1.5	N	N
LH1255C	61 52 44	155 13 33	5.00	5.00	20.00	.7	>2.000	.5	N	N
LH1300C	61 59 54	154 47 21	2.00	2.00	10.00	1.0	.700	2.0	N	N
LH1301C	61 58 25	154 49 50	3.00	.70	20.00	1.0	1.000	10.0	N	N
LH1302C	61 57 27	154 51 15	5.00	1.50	15.00	1.5	>2.000	1.0	N	N
LH1303C	61 57 56	154 45 19	10.00	1.00	20.00	1.5	1.000	.5	N	<500
LH1304C	61 56 48	154 46 3	5.00	1.50	20.00	1.0	>2.000	N	N	N
LH1305C	61 55 58	154 46 21	10.00	2.00	20.00	1.0	>2.000	.7	N	N
LH1306C	61 16 5	153 33 18	30.00	.30	7.00	1.0	.700	3.0	7.0	2,000
LH1307C	61 16 8	153 26 54	50.00	.10	.50	.5	.500	N	5.0	N
LH1308C	61 12 38	153 28 28	30.00	<.05	1.00	1.0	.700	.5	5.0	N
LH1309C	61 12 7	153 25 10	7.00	.15	1.50	N	.200	1.5	20.0	5,000
LH1310C	61 9 12	153 24 25	1.00	.20	2.00	1.0	.200	1.5	20.0	2,000
LH1311C	61 9 7	153 24 38	3.00	1.00	5.00	.5	1.000	2.0	50.0	1,000
LH1313C	61 11 25	153 22 38	.70	.20	5.00	1.5	1.500	3.0	N	N
LH1314C	61 9 19	153 29 17	7.00	.10	1.00	N	1.500	2.0	30.0	1,500
LH1315C	61 9 11	153 29 38	2.00	.07	1.50	N	>2.000	1.0	7.0	N
LH1316C	61 9 57	153 34 4	1.00	.07	1.00	1.0	.200	1.5	N	<500
LH1317C	61 12 41	153 34 32	2.00	.20	5.00	1.5	.200	1.5	N	500
LH1318C	61 8 57	153 39 59	5.00	.70	20.00	.7	1.500	7.0	N	7,000
LH1319C	61 54 36	154 43 14	.50	.15	1.00	<.5	.100	N	N	<500
LH1320C	61 48 2	154 51 44	7.00	1.50	10.00	.5	2.000	1.5	N	N
LH1321C	61 7 1	153 37 40	2.00	.15	10.00	1.0	>2.000	5.0	10.0	3,000
LH1322C	61 4 21	153 35 38	3.00	.50	50.00	1.5	.300	10.0	10.0	1,000
LH1323C	61 2 9	153 30 51	5.00	5.00	7.00	.7	>2.000	.5	N	N
LH1324C	61 2 42	153 22 22	3.00	.10	2.00	1.0	>2.000	2.0	2.0	N
LH1325C	61 5 19	153 23 18	30.00	.70	3.00	<.5	2.000	1.5	2.0	5,000
LH1326C	61 6 57	153 21 11	1.00	.30	3.00	1.0	1.000	2.0	N	700
LH1327C	61 49 55	154 38 6	1.00	.70	1.50	.5	>2.000	.7	N	N
LH1328C	61 51 30	154 41 39	2.00	7.00	20.00	<.5	1.000	N	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH1234C	N	200	10,000	20	N	N	20	500	30
LH1235C	N	70	>10,000	2	N	N	<20	70	30
LH1236C	N	100	5,000	3	N	N	30	100	70
LH1237C	N	100	>10,000	3	N	N	<20	150	10
LH1238C	N	150	>10,000	15	N	N	N	70	20
LH1239C	N	20	>10,000	N	N	N	N	30	<10
LH1240C	N	N	>10,000	N	N	N	N	20	<10
LH1241C	N	200	10,000	100	N	N	<20	100	50
LH1242C	N	100	7,000	30	N	N	<20	100	10
LH1243C	N	200	>10,000	50	N	N	<20	100	10
LH1244C	N	200	3,000	30	N	N	30	500	20
LH1245C	N	>5,000	>10,000	50	N	N	20	300	30
LH1246C	N	100	5,000	N	N	N	70	500	70
LH1247C	N	150	1,500	3	N	N	50	300	150
LH1248C	N	200	1,000	2	N	N	70	500	70
LH1249C	N	150	>10,000	N	N	N	50	200	50
LH1250C	N	30	>10,000	N	N	N	<20	70	30
LH1251C	N	20	>10,000	N	N	N	20	70	50
LH1252C	N	150	>10,000	N	N	N	50	150	70
LH1253C	N	70	>10,000	N	N	<50	30	100	70
LH1254C	N	500	>10,000	2	N	N	30	700	70
LH1255C	N	500	3,000	5	N	N	30	700	20
LH1300C	N	20	>10,000	N	N	N	<20	70	10
LH1301C	N	50	>10,000	N	N	N	<20	70	50
LH1302C	N	700	10,000	3	N	N	20	300	50
LH1303C	N	1,500	1,000	2	N	N	50	100	30
LH1304C	N	2,000	700	2	N	N	30	200	50
LH1305C	N	1,500	1,500	2	N	N	50	500	70
LH1306C	N	N	300	N	N	N	300	20	150
LH1307C	N	N	700	N	50	N	200	<20	100
LH1308C	N	N	2,000	N	150	N	100	<20	—70
LH1309C	N	N	1,000	N	2,000	N	100	<20	100
LH1310C	100	N	7,000	N	300	N	300	<20	10
LH1311C	N	50	1,500	N	N	N	30	70	100
LH1313C	N	N	300	N	150	N	N	<20	<10
LH1314C	N	N	700	N	150	N	70	<20	70
LH1315C	N	N	1,000	2	150	N	50	<20	100
LH1316C	N	N	1,500	N	N	N	30	<20	10
LH1317C	N	N	3,000	N	N	N	100	<20	30
LH1318C	N	50	700	<2	N	N	70	50	100
LH1319C	N	N	>10,000	3	N	100	N	<20	15
LH1320C	N	1,500	>10,000	<2	N	N	50	100	70
LH1321C	N	N	5,000	N	50	N	30	<20	70
LH1322C	N	20	1,000	N	N	N	70	<20	20
LH1323C	N	N	>10,000	N	N	N	150	70	100
LH1324C	N	N	2,000	N	70	N	70	<20	70
LH1325C	N	N	1,000	N	N	N	700	150	500
LH1326C	N	30	300	2	150	N	20	<20	70
LH1327C	N	300	700	3	N	N	N	100	10
LH1328C	N	200	3,000	3	N	N	<20	100	<10

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Ni ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH1234C	30	N	N	700	N	50	50	<20	N	N
LH1235C	15	N	N	500	N	<50	15	<20	N	N
LH1236C	20	N	N	700	N	<50	30	<20	N	N
LH1237C	10	N	N	500	N	<50	50	<20	N	N
LH1238C	15	N	150	500	N	<50	20	N	N	N
LH1239C	N	N	N	100	N	<50	10	N	N	N
LH1240C	<10	N	N	300	N	<50	10	N	N	N
LH1241C	15	N	100	700	N	70	20	N	N	N
LH1242C	15	N	N	1,000	N	50	10	N	N	N
LH1243C	10	N	N	700	N	50	15	N	N	N
LH1244C	10	N	150	500	N	200	70	N	N	N
LH1245C	15	N	100	500	N	100	70	N	N	N
LH1246C	10	N	300	2,000	N	100	70	30	N	N
LH1247C	10	N	500	1,500	N	100	70	30	N	N
LH1248C	15	N	700	3,000	N	70	100	30	N	N
LH1249C	15	N	>2,000	2,000	N	50	50	20	N	N
LH1250C	N	N	150	300	N	<50	20	N	N	N
LH1251C	<10	N	150	500	20	50	30	<20	N	N
LH1252C	10	N	>2,000	2,000	N	50	50	30	N	N
LH1253C	<10	N	700	1,000	N	<50	50	20	N	N
LH1254C	<10	N	700	2,000	N	70	50	20	N	N
LH1255C	10	N	150	1,000	N	150	100	<20	N	N
LH1300C	<10	N	<100	1,000	N	<50	20	N	N	N
LH1301C	<10	N	100	300	N	50	70	20	N	N
LH1302C	20	N	N	700	N	<50	50	20	N	N
LH1303C	20	N	N	500	<10	70	70	30	N	N
LH1304C	20	N	N	700	N	50	50	<20	N	N
LH1305C	15	N	200	700	N	<50	150	30	N	N
LH1306C	<10	N	200	200	20	<50	300	500	N	N
LH1307C	<10	N	150	200	N	50	30	300	N	N
LH1308C	<10	N	N	100	20	50	15	150	N	N
LH1309C	<10	N	150	200	300	<50	15	200	N	N
LH1310C	<10	N	100	300	20	70	20	20	N	500
LH1311C	10	N	200	1,000	150	70	50	500	N	N
LH1313C	10	N	150	500	N	<50	<10	20	N	N
LH1314C	<10	N	700	300	30	<50	<10	1,000	N	N
LH1315C	N	N	>2,000	1,000	700	200	N	150	N	N
LH1316C	10	N	150	300	15	<50	<10	100	N	N
LH1317C	15	N	150	500	50	<50	20	700	N	N
LH1318C	20	N	150	3,000	N	<50	20	<20	N	N
LH1319C	N	N	N	50	<10	<50	<10	N	N	N
LH1320C	10	N	100	700	N	50	50	100	N	N
LH1321C	10	N	200	500	10	50	<10	100	N	N
LH1322C	15	N	300	1,500	10	<50	15	<20	N	N
LH1323C	<10	N	N	1,000	N	50	70	50	N	N
LH1324C	<10	N	200	300	10	70	10	30	N	N
LH1325C	10	N	N	200	N	<50	700	700	N	N
LH1326C	10	N	500	500	N	50	<10	50	N	N
LH1327C	<10	N	300	500	N	150	<10	20	N	N
LH1328C	15	N	N	700	N	50	10	<20	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH1234C	20	50	1,000	N	N	200	N	150	N	>2,000
LH1235C	15	700	1,000	N	N	150	50	200	N	>2,000
LH1236C	15	150	700	N	N	300	70	100	N	>2,000
LH1237C	15	1,000	2,000	N	N	150	50	200	N	>2,000
LH1238C	15	70	1,500	N	N	150	N	200	N	>2,000
LH1239C	N	N	7,000	N	N	20	N	70	N	>2,000
LH1240C	<10	700	7,000	<200	N	20	50	200	N	N
LH1241C	20	700	1,000	<200	N	150	70	300	N	N
LH1242C	30	1,500	1,000	500	<1,000	150	300	500	N	N
LH1243C	50	1,500	1,000	700	1,000	150	200	700	N	N
LH1244C	100	70	500	N	N	700	N	100	N	2,000
LH1245C	30	N	300	N	N	200	N	70	N	2,000
LH1246C	70	N	200	N	N	300	N	100	N	N
LH1247C	70	200	200	N	N	500	N	200	N	N
LH1248C	70	N	200	N	N	300	N	150	N	N
LH1249C	150	50	200	<200	N	300	N	300	N	N
LH1250C	10	N	1,000	N	N	100	N	70	N	1,500
LH1251C	15	N	100	N	N	150	N	50	N	1,500
LH1252C	50	N	200	N	N	300	N	150	N	N
LH1253C	30	N	700	N	N	150	N	100	2,000	N
LH1254C	70	300	200	N	N	200	N	200	N	N
LH1255C	100	20	200	N	N	500	N	100	N	N
LH1300C	10	N	2,000	N	N	150	50	150	N	>2,000
LH1301C	15	200	3,000	N	N	150	N	200	N	>2,000
LH1302C	15	200	700	N	N	150	50	150	N	>2,000
LH1303C	15	700	700	300	N	150	100	150	500	>2,000
LH1304C	15	30	500	N	N	500	N	100	N	>2,000
LH1305C	20	N	700	N	N	300	50	200	N	>2,000
LH1306C	10	N	200	<200	N	100	200	150	N	>2,000
LH1307C	15	N	N	N	N	30	N	200	1,500	>2,000
LH1308C	30	70	<200	N	N	30	200	500	N	>2,000
LH1309C	100	700	N	500	1,500	30	7,000	1,000	N	>2,000
LH1310C	50	N	<200	N	N	20	700	700	N	>2,000
LH1311C	20	N	<200	2,000	1,000	100	5,000	500	N	>2,000
LH1313C	20	N	200	N	N	100	150	300	N	>2,000
LH1314C	70	N	N	1,500	2,000	20	70	700	N	>2,000
LH1315C	200	70	N	>5,000	15,000	100	5,000	5,000	N	>2,000
LH1316C	50	N	<200	700	1,500	20	300	500	N	>2,000
LH1317C	30	N	<200	500	N	30	150	500	N	>2,000
LH1318C	20	N	<200	N	N	150	300	200	N	>2,000
LH1319C	N	700	3,000	N	N	N	N	20	3,000	2,000
LH1320C	20	100	700	N	N	150	100	300	N	>2,000
LH1321C	30	>2,000	<200	500	<1,000	70	300	500	N	>2,000
LH1322C	10	500	500	N	N	70	500	300	N	>2,000
LH1323C	15	150	300	N	N	100	70	200	N	>2,000
LH1324C	30	500	<200	700	<1,000	100	300	300	N	>2,000
LH1325C	15	30	N	N	N	70	100	150	N	>2,000
LH1326C	20	300	<200	200	N	30	150	700	N	>2,000
LH1327C	20	150	<200	300	N	70	50	500	N	>2,000
LH1328C	15	N	200	N	N	150	N	300	N	>2,000

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Latitude	Longitude	Fe %-s	Mg %-s	Ca %-s	Na %-s	Ti %-s	P %-s	Ag ppm-s	As ppm-s
LH1329C	61 55 7	154 54 37	7.00	3.00	15.00	.7	>2.000	N	N	N
LH1330C	61 58 3	154 58 22	5.00	1.50	10.00	<.5	>2.000	2.0	N	N
LH1331C	61 57 53	154 58 9	2.00	3.00	20.00	.7	>2.000	1.0	N	N
LH1332C	61 53 58	155 2 18	2.00	3.00	20.00	1.0	>2.000	1.0	N	N
LH1333C	61 53 32	155 7 41	5.00	3.00	10.00	.5	>2.000	2.0	N	N
LH1334C	61 53 12	154 59 32	1.50	.50	5.00	<.5	.500	.7	N	N
LH1335C	61 47 49	155 8 20	2.00	1.00	20.00	.7	>2.000	5.0	N	N
LH1336C	61 46 24	155 10 4	.70	.30	1.50	<.5	.700	.7	N	N
LH1337C	61 44 55	154 55 54	7.00	2.00	10.00	.7	>2.000	.7	N	N
LH1338C	61 46 28	154 54 11	5.00	1.50	10.00	.7	2.000	1.5	N	N
LH1339C	61 42 33	154 59 34	5.00	2.00	15.00	1.5	2.000	1.0	N	N
LH1340C	61 39 3	154 59 16	1.00	1.00	10.00	.7	1.000	1.0	N	N
LH1341C	61 40 12	154 47 51	1.50	1.00	15.00	.7	2.000	2.0	N	N
LH1343C	61 43 36	154 50 0	.70	.50	2.00	<.5	.300	.5	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Au ppm-s	B ppm-s	Ba ppm-s	Be ppm-s	Bi ppm-s	Cd ppm-s	Co ppm-s	Cr ppm-s	Cu ppm-s
LH1329C	N	200	1,500	2	N	N	70	1,000	70
LH1330C	N	100	7,000	3	N	<50	30	700	70
LH1331C	N	1,000	7,000	7	N	N	30	500	70
LH1332C	N	1,500	5,000	10	N	N	30	500	70
LH1333C	N	300	3,000	2	N	N	30	500	100
LH1334C	N	150	>10,000	N	N	N	N	50	10
LH1335C	N	50	>10,000	2	N	<50	20	150	50
LH1336C	N	N	>10,000	N	N	N	N	<20	<10
LH1337C	N	200	5,000	2	N	N	50	300	100
LH1338C	N	200	>10,000	<2	N	N	30	100	100
LH1339C	N	150	10,000	5	N	N	20	200	50
LH1340C	N	100	>10,000	7	N	N	<20	200	10
LH1341C	N	100	10,000	7	200	N	<20	200	<10
LH1343C	N	30	>10,000	N	N	N	N	30	<10

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Ga ppm-s	Ge ppm-s	La ppm-s	Mn ppm-s	Mo ppm-s	Nb ppm-s	Nf ppm-s	Pb ppm-s	Pt ppm-s	Sb ppm-s
LH1329C	15	N	N	700	N	<50	100	20	N	N
LH1330C	<10	N	300	500	N	100	70	<20	N	N
LH1331C	<10	N	100	500	N	150	70	N	N	N
LH1332C	10	N	100	500	N	150	70	N	N	N
LH1333C	10	N	200	1,500	N	70	70	<20	N	N
LH1334C	<10	N	N	70	N	<50	15	N	N	N
LH1335C	10	N	100	300	N	100	30	<20	N	N
LH1336C	<10	N	N	100	N	<50	<10	N	N	N
LH1337C	20	N	200	1,000	N	70	70	30	N	N
LH1338C	15	N	N	700	150	<50	30	30	N	N
LH1339C	20	N	150	500	N	50	30	20	N	N
LH1340C	<10	N	<100	500	N	<50	20	N	N	N
LH1341C	10	N	100	500	20	70	10	20	N	N
LH1343C	<10	N	N	150	N	<50	<10	N	N	N

TABLE 2. GEOCHEMICAL DATA FOR NONMAGNETIC, HEAVY-MINERAL-CONCENTRATE SAMPLES, LIME HILLS QUADRANGLE, ALASKA--Continued

Sample	Sc ppm-s	Sn ppm-s	Sr ppm-s	Th ppm-s	U ppm-s	V ppm-s	W ppm-s	Y ppm-s	Zn ppm-s	Zr ppm-s
LH1329C	30	N	700	<200	N	200	N	100	N	>2,000
LH1330C	30	50	500	N	N	300	N	150	1,000	>2,000
LH1331C	70	500	300	<200	N	300	50	150	N	>2,000
LH1332C	70	30	300	N	N	300	N	100	N	>2,000
LH1333C	50	150	300	N	N	150	N	150	N	>2,000
LH1334C	N	N	2,000	N	N	30	N	50	500	1,500
LH1335C	50	50	1,500	N	N	300	N	150	1,000	>2,000
LH1336C	<10	N	3,000	N	N	20	N	50	N	>2,000
LH1337C	30	200	500	N	N	500	N	100	N	>2,000
LH1338C	15	N	700	N	N	150	N	100	N	>2,000
LH1339C	20	500	700	N	N	150	N	300	N	>2,000
LH1340C	15	200	2,000	N	N	100	70	200	N	>2,000
LH1341C	50	>2,000	500	700	1,500	150	2,000	500	N	>2,000
LH1343C	<10	50	5,000	N	N	30	N	100	N	>2,000