UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Mineralogical data and sample locality map of 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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TABLE OF CONTENTS

Page

Studies Related to AMRAP..... 1

Introduction..... 1

General Geology..... 3

Methods of Study..... 3

Sample Media..... 3

Sample Collection..... 4

Sample Preparation..... 4

Sample Analysis..... 4

Description of Data Table..... 5

Acknowledgments..... 5

References Cited..... 5

ILLUSTRATIONS

Figure 1. Index map of the Lime Hills quadrangle, Alaska..... 2

Plate 1. Map showing location of heavy-mineral-concentrate samples, Lime Hills quadrangle, Alaska.....in pocket

TABLES

Table 1. Abbreviations of mineral names..... 7

Table 2. Mineralogical data for nonmagnetic, heavy-mineral-concentrate samples, Lime Hills quadrangle, Alaska..... 8

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 mineralogical 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 area comprises approximately 7,000 mi^2 (18,000 km^2), although the area covered by this interim report represents only the eastern portion of the quadrangle (approx. 4,000 mi^2; 10,000 km^2) occupied by the Alaska Range and portions immediately adjacent. This report presents results of an ongoing reconnaissance survey, 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 warrant a separate interpretation of the 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. The western flank of the range consists of rolling hills and glacial pediments. Due to their 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 both 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.

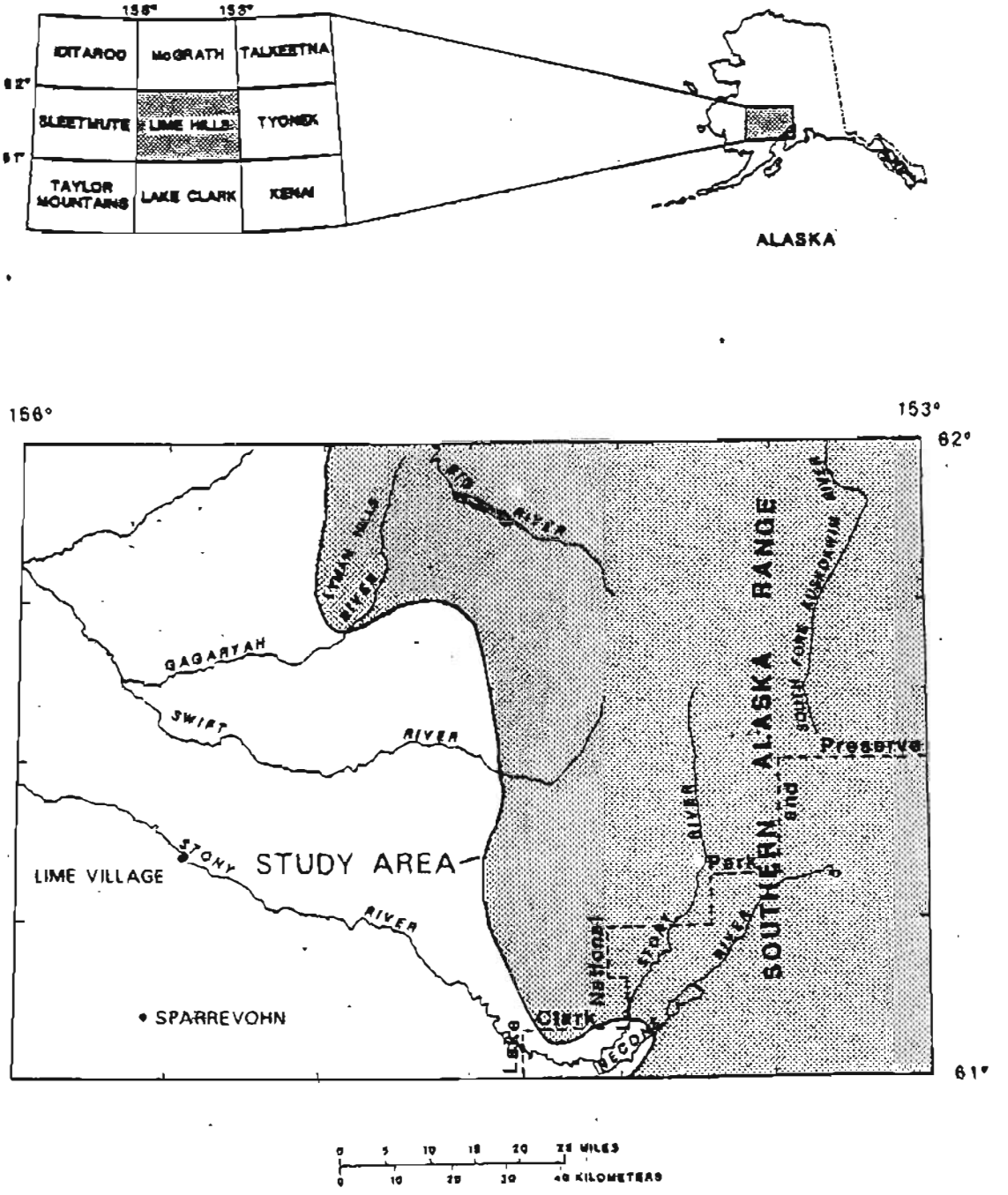

Figure 1. Index map of the Lime Hills quadrangle, Alaska

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 also 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

Stream sediment is representative of rock material eroded from a drainage basin upstream from a sample site. Chemical analyses of stream sediment provide information which is useful in identifying basins which may 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 direct microscopic observation of minerals that may be products of alteration or mineralization. With knowledge of ore deposit mineralogy, detrital mineralogical data may help place constraints on the permissable types of mineralization responsible for high levels of metals in the concentrate samples.

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 chemical analysis of heavy-mineral-concentrate samples are presented in Malcolm and others (1989). Geological and geochemical data for rock samples collected in the study area are presented in Allen and others (1989).

Sampling density for this 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 to 26 km^2). 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. The remaining material was panned until most quartz, feldspar, organic and clay-sized material was removed. The remaining material was packaged for additional laboratory preparation.

Sample Preparation

After drying, the heavy-mineral-concentrate samples were sieved through a 20-mesh (1mm) sieve. Bromoform (specific gravity = 2.85) was used to remove remaining low-density minerals from the concentrate samples. 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, if 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--one part for chemical analysis, and one part for mineralogical analysis.

Sample Analysis

Mineral identification was made using a binocular stereoscopic microscope. The most useful magnification ranged between 9X to 18X.

Identification was assisted through use of standard oil immersion methods using a petrographic microscope and through use of singlecrystal x-ray diffraction methods. Over 60 mineral species or rock-fragment types were observed in concentrates from the study area. Abbreviations of mineral names used in this report are listed in table 1. Estimates of the abundance of each mineral within each sample are presented in table 2.

DESCRIPTION OF DATA TABLE

Table 2 contains the mineralogical data 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. Values given represent the abundance of a mineral relative to the total amount of nonmagnetic concentrate, except for gold, for which values are actual numbers of grains observed within a sample. Values listed in table 2 represent the following abundance ranges: 0 - mineral was not observed; 1 - trace to 1 percent; 2 - 1 to 2 percent; 3 - 2 to 10 percent, 4 - 10 to 25 percent; 5 - greater than 25 percent.

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Table 1.-- Abbreviations of mineral names

Rock-forming minerals	
AD - ANDALUSITE	MU - MUSCOVITE
AM - AMPHIBOLE	PX - PYROXENE
AN - ANATASE	QF - QUARTZ & FELDSPAR
AP - APATITE	R1 - ROCK FRAGMENTS 1 (graphitic)
AR - ARAGONITE	R2 - ROCK FRAGMENTS 2 (grey)
BA - BARITE	R3 - ROCK FRAGMENTS 3 (chloritic)
BT - BIOTITE	R4 - ROCK FRAGMENTS 4 (tan)
CH - CHLORITE	R5 - ROCK FRAGMENTS 5 (pelitic)
CO - CORUNDUM	R6 - ROCK FRAGMENTS 6 (pyritic)
DU - DUMORTIERITE	RU - RUTILE
EP - EPIDOTE	SE - SERICITE
FL - FLUORITE	SI - SILLIMANITE
FU - FUCHSITE	SP - SPHENE
GT - GARNET	TP - TOPAZ
IM - IRON & MANGANESE OXIDE	TR - TOURMALINE
MT - MAGNETITE	ZR - ZIRCON
Ore-related minerals	
AL - ALLANITE	MN - MONAZITE
AS - ARSENOPYRITE	MO - MOLYBDENITE
BI - BISMUTH	PY - PYRITE
CA - CASSITERITE	PR - PYROCHLORE
CI - CINNABAR	RC - RUCKLIDGEITE
CB - COLUMBITE	SA - SAFFLORITE
CP - CHALCOPYRITE	SC - SCHEELITE
CR - CHROMITE	SL - SPHALERITE
EN - ENARGITE	ST - STIBNITE
GA - GALENA	TE - TETRAHEDRITE
GO - GOLD	TH - THORITE
JA - JAMESONITE	WO - WOLFRAMITE
MA - MALACHITE	WU - WULFENITE
MZ - METAZEUNERITE	XE - XENOTIME

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH0001C	61 41 26	153 36 46	4	0	1	1	0	0	0	0	0	0	0	0	0	0	0
LH0003C	61 42 58	153 44 18	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0004C	61 32 11	153 27 4	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0
LH0005C	61 29 41	153 29 23	0	0	1	3	0	3	0	0	0	0	0	0	0	0	0
LH0006C	61 30 5	153 29 48	0	0	2	4	1	0	0	0	1	0	0	0	0	0	0
LH0007C	61 29 59	153 23 33	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0008C	61 28 23	153 23 8	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0
LH0009C	61 31 59	153 21 54	3	0	2	4	0	2	0	0	0	0	0	0	0	0	0
LH0010C	61 30 32	153 18 22	0	0	1	2	0	0	0	0	1	0	0	3	0	0	0
LH0011C	61 31 41	153 18 0	0	0	0	3	0	0	0	0	0	0	0	4	0	0	0
LH0012C	61 34 21	153 23 28	0	0	4	3	0	4	0	0	1	0	0	0	0	0	0
LH0013C	61 37 51	153 22 16	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
LH0014C	61 36 22	153 23 9	1	0	0	4	1	3	0	0	1	0	0	0	0	0	0
LH0015C	61 41 31	153 13 43	0	0	0	4	0	0	0	0	0	0	0	4	0	0	0
LH0016C	61 59 52	153 48 22	0	0	0	4	0	0	0	0	0	0	0	4	0	0	0
LH0017C	61 58 31	153 46 20	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
LH0018C	61 59 14	153 44 10	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
LH0019C	61 59 21	153 40 41	0	0	1	1	3	4	0	0	0	0	0	0	0	0	0
LH0020C	61 58 23	153 37 56	0	0	1	0	0	4	0	0	0	0	0	0	0	0	0
LH0021C	61 59 56	153 32 37	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0
LH0022C	61 54 36	153 42 6	0	0	2	0	0	0	0	0	0	0	0	4	0	0	0
LH0023C	61 52 26	153 41 30	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
LH0024C	61 52 25	153 44 54	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0
LH0025C	61 52 33	153 44 47	0	0	0	2	0	0	0	0	0	0	0	3	0	0	0
LH0026C	61 54 23	153 32 37	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0
LH0027C	61 52 13	153 33 3	0	0	2	3	0	4	0	0	0	0	0	0	0	0	0
LH0028C	61 50 21	153 37 50	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0
LH0029C	61 45 48	153 38 47	0	0	2	2	0	4	0	0	0	0	0	0	0	0	0
LH0030C	61 46 55	153 43 3	0	0	1	2	0	2	0	0	1	0	0	0	0	0	0
LH0031C	61 47 57	153 44 33	0	0	2	2	0	2	0	0	0	0	0	0	0	0	0
LH0032C	61 48 2	153 49 57	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0
LH0033C	61 45 47	153 47 49	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
LH0034C	61 49 50	153 34 38	0	0	1	4	0	0	1	0	0	0	0	0	0	0	3
LH0035C	61 45 6	153 32 29	0	0	0	3	0	2	0	0	1	0	0	0	0	0	0
LH0036C	61 53 22	153 26 39	1	0	2	3	0	4	0	0	1	0	0	0	0	0	0
LH0037C	61 50 2	153 18 35	3	0	0	4	0	4	1	0	0	0	0	0	0	0	0
LH0038C	61 53 0	153 19 36	4	0	0	4	0	2	0	0	0	0	0	0	0	0	0
LH0039C	61 55 42	153 11 49	0	0	0	3	0	3	0	0	0	0	0	1	0	0	0
LH0040C	61 54 53	153 24 54	2	0	1	2	0	4	0	0	1	0	0	0	0	0	0
LH0041C	61 59 44	153 20 51	3	0	0	4	0	4	0	0	1	0	0	0	0	0	0
LH0042C	61 59 19	153 15 58	2	0	2	3	0	4	0	0	0	0	0	0	0	0	0
LH0043C	61 59 10	153 23 49	0	0	1	4	0	3	0	0	0	0	0	0	0	0	0
LH0044C	61 59 13	153 23 58	0	0	1	4	0	4	0	0	1	0	0	0	0	0	0
LH0045C	61 58 37	153 26 46	1	0	0	4	0	3	0	0	0	0	0	0	0	0	0
LH0046C	61 46 1	153 22 47	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0
LH0047C	61 41 30	153 27 21	3	0	4	0	0	3	0	0	0	0	0	0	0	0	0
LH0048C	61 35 1	153 27 24	3	0	3	4	0	4	0	0	0	0	0	0	0	0	0
LH0049C	61 28 45	153 1 2	0	0	2	4	0	3	0	0	1	0	0	2	0	0	0
LH0050C	61 28 50	153 0 43	0	0	2	4	0	0	0	0	0	0	0	4	0	0	0
LH0051C	61 20 19	153 1 42	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH0001C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	2	0	0	0	0	0	0
LH0003C	0	0	0	3	1	0	0	0	0	0	1	0	0	2	0	0	2	0	0	0	0	0	0
LH0004C	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0005C	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0006C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4	0	0	0	0	0	0
LH0007C	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0008C	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	1	4	0	1	0	1	0	0
LH0009C	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0	1	4	0	0	0	0	0	0
LH0010C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0011C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	4	0	0	0	0	0	0
LH0012C	0	0	0	0	0	0	0	0	0	0	4	0	0	1	0	0	2	0	0	0	0	0	0
LH0013C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	3	0	0	0	0	0	0
LH0014C	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	1	4	0	0	0	1	0	0
LH0015C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	4	0	0	0	1	0	0
LH0016C	0	0	0	0	3	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH0017C	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0
LH0018C	0	0	0	0	4	4	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0
LH0019C	0	0	0	0	4	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	0	0
LH0020C	0	0	0	0	4	4	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0
LH0021C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0022C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH0023C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	4	0	0	0	0	0	0
LH0024C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0025C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0026C	0	0	0	0	3	0	0	0	0	0	2	0	0	2	0	0	4	0	0	0	0	0	0
LH0027C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	1	0	0	0	0
LH0028C	0	0	0	0	3	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0029C	0	0	0	0	4	0	0	0	0	0	1	0	0	4	0	0	4	0	1	0	1	0	0
LH0030C	0	0	0	0	3	0	0	0	0	0	1	0	0	4	0	0	3	0	3	0	0	0	0
LH0031C	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	2	0	1	0	0	0	0
LH0032C	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	4	0	0	0	1	0	0
LH0033C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	1	4	0	0	0	0	0	0
LH0034C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0035C	0	0	0	0	4	0	0	0	0	0	1	0	0	2	0	0	4	0	0	0	0	0	0
LH0036C	0	0	0	0	4	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	0	0	0
LH0037C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	3	0	0	0	0	0	0
LH0038C	0	0	0	0	4	0	0	0	0	0	1	0	0	3	0	0	4	0	0	0	0	0	0
LH0039C	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0040C	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	4	0	0	0	0	0	0
LH0041C	0	0	0	4	3	0	0	0	3	0	1	0	0	3	0	0	4	0	0	0	0	0	0
LH0042C	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0043C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0044C	0	0	0	4	2	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0045C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	3	0	0	0	0	0	0
LH0046C	0	0	0	0	4	4	0	0	0	0	1	0	0	3	0	0	4	0	0	0	0	0	0
LH0047C	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0048C	0	0	0	0	0	0	0	0	0	0	2	0	0	3	0	0	3	0	0	0	0	0	0
LH0049C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	0	0	0
LH0050C	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	4	0	0	0	0	0	0
LH0051C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH0001C	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0003C	1	0	0	0	1	0	0	0	1	0	2	0	0	0	3	0	0	0	1	0	0	0
LH0004C	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0
LH0005C	0	0	0	1	1	0	0	0	2	0	4	0	0	0	4	0	0	0	0	0	0	0
LH0006C	0	0	0	0	1	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0007C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0008C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0009C	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LH0010C	0	0	0	1	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0011C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0012C	1	0	0	0	5	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0
LH0013C	1	0	0	2	4	0	0	0	0	0	4	0	0	0	3	1	0	0	0	0	0	0
LH0014C	1	0	0	0	1	0	0	0	0	0	3	0	0	0	2	0	0	1	0	0	0	0
LH0015C	1	0	0	1	10	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0
LH0016C	1	0	0	1	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0017C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0018C	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0
LH0019C	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0020C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0021C	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0
LH0022C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	3	0	0	0
LH0023C	1	0	0	1	2	0	0	0	0	1	4	0	0	0	4	0	0	0	3	0	0	0
LH0024C	1	0	0	1	0	0	0	0	0	1	4	0	0	0	1	0	0	0	0	0	0	0
LH0025C	1	0	0	1	0	0	0	0	0	1	4	0	0	0	1	0	0	0	1	0	0	0
LH0026C	0	0	0	0	5	0	0	0	1	0	2	0	0	0	4	0	0	0	0	0	0	0
LH0027C	0	0	0	0	1	0	0	0	2	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0028C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0
LH0029C	1	0	0	0	30	0	0	0	0	1	3	0	0	0	4	0	0	0	0	0	0	0
LH0030C	0	0	0	0	1	0	0	0	0	1	4	0	0	0	4	0	0	0	0	0	0	0
LH0031C	0	0	0	0	2	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0
LH0032C	1	0	0	0	0	0	0	0	0	1	1	0	0	0	3	0	0	0	2	0	0	0
LH0033C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	0	0	0
LH0034C	0	0	0	0	0	0	0	0	2	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0035C	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0036C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0
LH0037C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0038C	1	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0
LH0039C	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0040C	1	0	0	0	3	0	0	0	2	0	2	0	0	0	4	0	0	0	0	0	0	0
LH0041C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0042C	1	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0043C	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0044C	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0045C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0046C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0047C	0	0	0	0	1	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0
LH0048C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0049C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0
LH0050C	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0051C	0	0	0	0	1	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH0052C	61 26 57	153 9 20	0	0	1	4	0	2	0	0	0	0	0	4	0	0	0
LH0053C	61 27 27	153 8 3	0	0	1	4	0	0	0	0	0	0	0	4	0	0	0
LH0054C	61 24 53	153 11 42	0	0	1	2	0	0	0	0	0	0	0	1	0	0	0
LH0055C	61 28 7	153 15 58	0	0	0	4	0	0	0	0	0	0	0	4	0	0	0
LH0056C	61 25 56	153 20 50	0	0	1	3	0	0	0	0	0	0	0	2	0	0	0
LH0057C	61 25 58	153 20 13	0	0	2	3	0	2	0	0	0	0	0	0	0	0	0
LH0058C	61 21 4	153 18 48	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0
LH0059C	61 22 35	153 18 13	0	0	2	3	0	0	0	0	0	0	0	2	0	0	0
LH0060C	61 23 46	153 16 39	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
LH0061C	61 24 46	153 16 31	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
LH0062C	61 19 16	153 9 20	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0063C	61 21 31	153 7 40	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0
LH0064C	61 21 36	153 7 42	0	0	1	4	0	0	0	0	1	0	0	0	0	0	0
LH0065C	61 19 18	153 9 28	0	0	1	2	0	0	0	0	1	0	0	0	0	0	0
LH0066C	61 15 21	153 3 34	0	0	1	2	0	0	0	0	1	0	0	0	0	0	0
LH0067C	61 35 4	153 0 9	0	0	2	4	0	1	0	0	0	0	0	4	0	0	0
LH0069C	61 17 27	153 5 14	0	0	0	2	0	1	1	0	1	0	0	0	0	0	0
LH0070C	61 16 45	153 10 14	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
LH0071C	61 16 5	153 15 15	0	0	1	4	0	1	0	0	0	0	0	0	0	0	0
LH0072C	61 15 4	153 17 48	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0
LH0073C	61 11 1	153 16 37	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0
LH0074C	61 8 38	153 14 25	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0
LH0075C	61 8 35	153 14 12	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0
LH0076C	61 8 35	153 9 22	0	0	1	3	0	0	1	0	0	0	0	0	0	0	0
LH0077C	61 13 37	153 12 31	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0
LH0078C	61 13 32	153 12 24	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0
LH0079C	61 11 57	153 3 9	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0
LH0080C	61 9 3	153 0 9	0	0	1	4	4	4	0	0	0	0	0	0	0	0	0
LH0081C	61 7 31	153 1 33	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0
LH0082C	61 5 47	153 8 46	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0
LH0083C	61 1 7	153 6 32	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0
LH0084C	61 1 56	153 7 38	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
LH0085C	61 4 56	153 18 9	0	0	1	0	0	0	0	0	0	0	0	3	0	0	0
LH0086C	61 56 49	154 1 12	0	0	0	0	0	1	0	0	0	0	0	4	0	0	1
LH0087C	61 5[illegible]44	153 57 21	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0
LH0088C	61 57 32	153 54 28	0	0	2	0	0	0	0	0	1	0	0	4	0	0	0
LH0089C	61 57 19	153 54 40	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
LH0090C	61 58 32	154 6 6	0	0	1	0	0	0	0	0	0	0	0	4	0	0	0
LH0091C	61 58 38	154 6 7	0	0	1	0	0	0	0	0	0	0	0	4	0	0	0
LH0092C	61 56 39	154 11 11	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0
LH0093C	61 54 2	154 8 27	0	0	0	1	4	2	0	0	0	0	0	0	0	0	0
LH0094C	61 54 4	154 8 7	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
LH0095C	61 55 39	154 5 12	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0
LH0096C	61 53 58	153 59 57	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0
LH0097C	61 54 16	153 56 53	0	0	1	0	3	0	0	0	0	0	0	2	0	0	0
LH0098C	61 57 46	154 22 8	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
LH0099C	61 57 6	154 23 35	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
LH0100C	61 42 44	153 46 52	0	0	1	1	0	0	0	0	0	0	0	3	0	0	0
LH0101C	61 43 0	153 43 50	0	0	1	1	0	2	0	0	0	0	0	1	0	0	0
LH0102C	61 42 56	153 43 1	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH0052C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0053C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	2	0	0	0	0	0	0
LH0054C	0	0	0	4	0	0	0	0	0	0	0	0	0	1	4	0	4	0	0	0	0	0	0
LH0055C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0056C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0057C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0058C	0	0	0	0	4	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0059C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	1	0	0
LH0060C	0	0	0	4	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0061C	0	0	0	4	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0062C	0	0	0	0	4	0	0	0	4	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0063C	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0064C	0	0	0	4	0	0	0	0	0	0	1	0	0	2	0	0	4	0	0	0	1	0	0
LH0065C	0	0	0	4	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0066C	0	0	0	4	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH0067C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	2	0	0
LH0069C	0	0	4	0	0	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	1	0	0
LH0070C	0	0	0	4	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	0	0	0
LH0071C	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0072C	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0073C	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0074C	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0075C	0	0	0	4	0	0	0	0	0	0	1	0	0	3	0	0	4	0	0	0	1	0	0
LH0076C	0	0	0	4	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	0	0	0
LH0077C	0	0	0	4	0	0	0	0	0	0	1	0	0	3	0	0	4	0	0	0	0	0	0
LH0078C	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0079C	0	0	0	4	0	0	0	0	0	0	1	0	0	1	0	0	4	0	0	0	0	0	0
LH0080C	0	0	0	4	0	0	0	4	4	0	1	0	0	4	0	0	2	0	0	0	0	0	0
LH0081C	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0082C	0	0	0	4	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	1	0	0
LH0083C	0	0	0	4	0	0	0	0	0	0	1	0	0	3	0	0	3	0	0	0	0	0	0
LH0084C	0	0	0	4	0	0	0	0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0
LH0085C	0	0	0	3	0	0	0	0	0	0	0	0	0	2	0	1	4	0	0	0	0	0	0
LH0086C	0	0	0	3	2	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH0087C	0	0	0	3	3	0	0	0	0	0	0	0	0	1	0	0	2	0	1	0	0	0	0
LH0088C	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0
LH0089C	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0090C	0	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	4	0	0	0	1	0	0
LH0091C	0	0	0	3	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	1	0	0
LH0092C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0093C	0	0	0	0	3	3	0	3	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0
LH0094C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0095C	0	0	0	0	4	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH0096C	0	0	0	2	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
LH0097C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0098C	0	0	0	2	3	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0
LH0099C	0	0	0	3	0	4	4	0	0	0	1	0	0	2	0	0	1	0	0	0	0	0	0
LH0100C	0	0	0	3	0	0	0	0	0	0	1	0	0	3	0	0	4	0	0	0	0	0	0
LH0101C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0102C	0	0	0	4	2	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH0052C	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
LH0053C	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
LH0054C	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0
LH0055C	0	0	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
LH0056C	1	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0057C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0058C	4	0	0	1	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0
LH0059C	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0
LH0060C	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
LH0061C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0062C	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0
LH0063C	0	0	0	0	6	0	0	0	0	1	2	0	0	0	2	0	0	0	0	0	0	0
LH0064C	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0
LH0065C	1	0	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0
LH0066C	0	0	0	0	0	0	0	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0
LH0067C	1	0	0	1	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0069C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
LH0070C	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0
LH0071C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
LH0072C	0	0	0	0	1	0	0	0	0	2	3	0	0	0	1	0	0	0	0	0	0	0
LH0073C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0074C	0	0	0	1	0	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0
LH0075C	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0
LH0076C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LH0077C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LH0078C	1	0	0	1	0	0	0	0	0	2	3	0	0	0	2	0	0	0	0	0	0	0
LH0079C	0	0	0	1	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0080C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0081C	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
LH0082C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0083C	1	0	0	0	0	0	0	0	0	1	1	0	0	0	3	0	0	0	0	0	0	0
LH0084C	1	0	0	1	0	0	0	0	0	1	2	0	0	0	2	1	0	1	0	0	0	0
LH0085C	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0	0	1	0	0	0	0
LH0086C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0087C	0	0	0	1	0	0	0	0	0	0	2	0	0	1	2	0	0	0	0	0	0	0
LH0088C	1	0	0	1	0	0	0	0	0	2	3	0	0	0	1	0	0	1	0	0	0	0
LH0089C	0	0	0	0	0	0	0	0	0	2	4	0	0	0	1	0	0	0	0	0	0	0
LH0090C	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0
LH0091C	0	0	0	2	0	0	1	0	0	1	2	0	0	0	1	0	0	0	1	0	0	0
LH0092C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0093C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0094C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0095C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0096C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0097C	0	0	0	2	0	0	0	0	0	1	4	0	0	0	3	0	0	0	0	0	0	0
LH0098C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0099C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0100C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0101C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0102C	1	0	0	0	4	0	0	0	1	0	2	0	0	0	4	0	0	0	0	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH0103C	61 42 55	153 41 50	4	0	1	0	2	1	0	0	0	0	0	1	0	0	0
LH0104C	61 42 37	153 40 40	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0
LH0105C	61 42 24	153 37 41	0	0	2	0	0	4	0	0	0	0	0	0	0	0	0
LH0106C	61 38 9	153 34 41	1	0	2	3	0	2	0	0	0	0	0	2	0	0	0
LH0107C	61 38 17	153 34 47	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0108C	61 35 57	153 36 40	4	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0109C	61 36 48	153 30 27	0	0	3	3	0	4	0	0	1	0	0	0	0	0	0
LH0110C	61 32 27	153 37 57	3	0	1	4	0	2	0	0	0	0	0	0	0	0	0
LH0115C	61 36 22	153 23 9	0	0	1	4	0	2	0	0	0	0	0	0	0	0	0
LH0116C	61 33 16	153 18 38	0	0	1	4	0	3	0	0	0	0	0	2	0	0	0
LH0117C	61 41 44	153 20 15	0	0	1	4	0	1	0	0	0	0	0	3	0	0	0
LH0118C	61 39 23	153 15 55	0	0	0	4	0	1	0	0	1	0	0	3	0	0	0
LH0119C	61 42 19	153 16 46	0	0	2	4	0	0	0	0	1	0	0	2	0	0	0
LH0120C	61 30 29	153 8 11	0	0	1	4	0	2	0	0	0	0	0	4	0	0	0
LH0121C	61 30 39	153 9 9	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0
LH0122C	61 32 11	153 7 22	0	0	1	4	0	0	0	0	0	0	0	2	0	0	0
LH0123C	61 32 22	153 0 34	0	0	2	4	0	0	0	0	0	0	0	4	0	0	0
LH0124C	61 32 49	153 0 46	0	0	2	3	0	0	0	0	0	0	0	4	0	0	0
LH0125C	61 32 59	153 0 43	0	0	2	4	0	0	0	0	0	0	0	4	0	0	0
LH0126C	61 36 26	153 5 37	0	0	1	2	0	0	0	0	0	0	0	1	0	0	0
LH0127C	61 59 59	153 50 38	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
LH0128C	61 58 1	153 47 12	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
LH0129C	61 58 0	153 47 42	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0
LH0130C	61 59 43	153 43 33	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
LH0131C	61 59 42	153 40 49	0	0	0	0	0	3	0	0	0	0	0	2	0	0	0
LH0132C	61 57 57	153 33 41	0	0	1	0	0	3	0	0	0	0	0	0	0	0	0
LH0133C	61 56 29	153 32 45	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0
LH0134C	61 55 42	153 38 57	0	0	1	0	0	0	0	0	0	0	0	3	0	0	0
LH0135C	61 51 41	153 45 12	0	0	0	2	0	0	0	0	0	0	0	3	0	0	0
LH0136C	61 51 57	153 46 20	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0
LH0137C	61 52 2	153 40 40	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0138C	61 53 7	153 32 52	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
LH0139C	61 48 56	153 41 0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0
LH0140C	61 22 5	153 18 37	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0
LH0141C	61 23 9	153 16 57	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
LH0142C	61 23 12	153 6 3	0	0	0	0	0	2	0	0	1	0	0	2	0	0	0
LH0143C	61 19 28	153 9 22	0	0	0	2	0	0	0	0	1	0	0	2	0	0	0
LH0144C	61 20 21	153 11 30	0	0	0	2	0	0	1	0	2	0	0	0	0	0	0
LH0145C	61 18 23	153 13 13	0	0	0	3	0	0	0	0	0	0	0	2	0	0	0
LH0146C	61 19 22	153 1 20	0	0	0	3	0	2	0	0	0	0	0	0	0	0	0
LH0147C	61 33 18	153 12 48	0	0	0	4	0	0	0	0	0	0	0	2	0	0	0
LH0152C	61 24 35	153 42 53	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
LH0153C	61 22 21	153 43 18	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0
LH0154C	61 21 49	153 37 30	0	0	3	1	0	0	0	0	0	0	0	1	0	0	0
LH0155C	61 23 7	153 33 55	0	0	2	2	0	0	0	0	0	0	0	2	0	0	0
LH0156C	61 24 16	153 33 12	0	0	2	2	0	2	0	0	0	0	0	1	0	0	0
LH0157C	61 24 24	153 30 53	0	0	1	2	0	1	0	0	0	0	0	0	0	0	0
LH0158C	61 25 26	153 29 22	0	0	2	3	0	0	0	0	0	0	0	3	0	0	0
LH0159C	61 25 48	153 35 44	0	0	2	3	0	2	0	0	0	0	0	4	0	0	0
LH0160C	61 27 26	153 34 44	0	0	0	3	0	0	0	0	0	0	0	4	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH0103C	0	0	0	2	2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
LH0104C	0	0	0	0	3	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0
LH0105C	0	0	0	0	3	0	0	0	0	0	1	0	0	1	0	0	2	0	0	0	0	0	0
LH0106C	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0107C	0	0	0	2	3	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
LH0108C	0	0	0	0	4	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0
LH0109C	0	0	0	0	3	0	0	0	0	0	2	0	0	3	0	0	3	0	0	0	0	0	0
LH0110C	0	0	1	0	2	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0115C	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	1
LH0116C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	1	0	0
LH0117C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0
LH0118C	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0119C	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	0	0	0	0	0	0
LH0120C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0
LH0121C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0122C	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	3	0	0	0	1	0	0
LH0123C	0	0	0	0	0	0	0	0	0	1	3	0	0	2	0	0	0	0	1	0	0	0	0
LH0124C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	0	0	0	1	0	0
LH0125C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	4	0	0	0	2	0	0
LH0126C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0127C	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0128C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	2	0	0
LH0129C	0	0	0	0	0	0	0	4	0	0	1	0	0	0	1	0	4	0	0	0	0	0	0
LH0130C	0	0	0	0	0	4	0	4	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0
LH0131C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0132C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0
LH0133C	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0134C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4	0	0	0	1	0	0
LH0135C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH0136C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0137C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0138C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0139C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
LH0140C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0	0	0	0	0	0
LH0141C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0	0	0	0	0	0
LH0142C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0143C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0	0	0	1	0	0
LH0144C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0	0	0	0	0	0
LH0145C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0	1	0	0	0	0
LH0146C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	1
LH0147C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0
LH0152C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	3	0	0	0	0	0	0
LH0153C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0154C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	0	0	0	1	0	0
LH0155C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0156C	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	4	0	1	0	0	0	0
LH0157C	0	0	0	0	0	3	0	0	0	3	0	0	0	1	0	0	4	0	0	0	0	0	0
LH0158C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH0159C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0160C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH0103C	0	0	0	0	1	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0
LH0104C	0	0	0	0	15	0	0	0	1	0	2	0	0	0	4	0	0	0	0	0	0	0
LH0105C	0	0	0	0	4	0	0	0	1	0	2	0	0	0	4	0	0	0	0	0	0	0
LH0106C	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0107C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0108C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0109C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0110C	1	0	0	2	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0
LH0115C	0	0	1	0	0	0	1	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0116C	1	0	0	2	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0117C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0118C	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
LH0119C	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0
LH0120C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0121C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0122C	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0
LH0123C	1	0	0	1	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0124C	0	0	0	0	0	0	0	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0
LH0125C	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0126C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0127C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0128C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0129C	0	0	0	0	0	0	0	0	0	1	3	0	0	0	3	0	0	0	2	1	0	0
LH0130C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0131C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0132C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0133C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH0134C	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	0	0	0	1	0	0	0
LH0135C	0	0	0	0	0	0	1	0	0	2	3	0	0	0	4	0	0	0	0	0	0	0
LH0136C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0
LH0137C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	3	1	0	1	0	0	0	0
LH0138C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0139C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0140C	0	0	0	0	0	0	0	0	2	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0141C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LH0142C	0	0	0	0	0	0	0	0	1	1	1	0	0	0	2	0	0	0	1	0	0	0
LH0143C	0	0	0	0	0	0	1	0	0	2	1	0	0	0	2	0	0	1	1	0	0	0
LH0144C	0	0	0	0	0	0	0	0	0	2	2	0	0	0	1	0	0	0	0	0	0	0
LH0145C	0	0	0	3	0	0	0	0	0	2	3	0	0	0	3	0	0	0	0	0	0	0
LH0146C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LH0147C	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0152C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0153C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0
LH0154C	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0155C	0	0	0	2	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0156C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH0157C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0158C	0	0	0	0	1	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0159C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0160C	0	0	0	1	0	0	0	0	1	0	3	0	0	0	1	0	0	0	0	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH0161C	61 24 40	153 25 45	0	0	2	2	0	0	0	0	0	0	0	3	0	0	0
LH0162C	61 20 2	153 41 28	1	0	0	3	0	0	0	0	0	0	0	3	0	0	0
LH0163C	61 19 20	153 35 52	0	0	0	2	0	0	0	0	1	0	0	4	0	0	0
LH0164C	61 19 27	153 35 49	0	0	2	3	0	0	0	0	0	0	0	3	0	0	0
LH0165C	61 17 11	153 40 36	0	0	1	1	0	1	0	0	0	0	0	2	0	0	0
LH0166C	61 43 47	153 13 38	0	0	0	4	0	0	0	0	0	0	0	4	0	0	0
LH0167C	61 35 9	153 17 9	0	0	1	4	0	0	0	0	0	0	0	2	0	0	0
LH0168C	61 37 32	153 14 56	0	0	1	4	0	0	0	0	0	0	0	2	0	0	0
LH0169C	61 39 1	153 13 39	0	0	1	1	0	0	0	0	1	0	0	4	0	0	0
LH0170C	61 44 5	153 7 46	0	0	0	4	0	2	1	0	0	0	0	0	0	0	0
LH0171C	61 46 48	153 5 3	0	0	0	4	0	2	0	0	0	0	0	0	0	0	0
LH0172C	61 48 48	153 4 53	0	0	0	4	0	2	0	0	1	0	0	0	0	0	0
LH0173C	61 45 50	153 9 48	0	0	1	4	2	2	0	0	0	0	0	0	0	0	0
LH0174C	61 46 14	153 11 33	0	0	1	4	0	2	0	0	0	0	0	0	0	0	0
LH0175C	61 47 57	153 13 43	4	0	1	4	0	2	0	0	1	0	0	0	0	0	0
LH0200C	61 42 37	153 47 33	0	0	1	2	0	1	0	0	0	0	0	0	0	0	0
LH0201C	61 41 44	153 45 32	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0202C	61 40 31	153 41 40	0	0	1	3	0	3	0	0	0	0	0	0	0	0	0
LH0203C	61 39 39	153 42 35	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0
LH0204C	61 40 49	153 41 1	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0
LH0205C	61 42 25	153 35 56	0	0	0	2	4	4	0	0	0	0	0	0	0	0	0
LH0208C	61 39 46	153 31 24	0	0	2	2	3	4	0	0	0	0	0	0	0	0	0
LH0209C	61 38 50	153 31 59	4	0	0	0	2	3	0	0	0	0	0	0	0	0	0
LH0210C	61 37 20	153 33 26	0	0	1	4	0	3	0	0	0	0	0	0	0	0	0
LH0211C	61 37 20	153 33 37	4	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0212C	61 36 3	153 36 42	4	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0213C	61 36 26	153 30 58	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
LH0214C	61 36 21	153 30 46	2	0	1	4	1	4	0	0	0	0	0	0	0	0	0
LH0215C	61 32 57	153 36 30	0	0	0	4	0	4	0	1	0	0	0	0	0	0	0
LH0216C	61 33 7	153 38 10	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0217C	61 32 53	153 34 17	0	0	0	4	0	4	0	2	0	0	0	0	0	0	0
LH0218C	61 33 15	153 30 54	2	0	1	4	0	3	0	0	0	0	0	0	0	0	0
LH0219C	61 31 43	153 29 24	1	0	2	4	0	2	0	0	0	0	0	0	0	0	0
LH0220C	61 31 3	153 27 18	2	0	2	4	0	0	0	0	0	0	0	0	0	0	0
LH0221C	61 36 46	153 25 10	4	0	1	4	2	0	0	0	0	0	0	0	0	0	0
LH0222C	61 29 37	153 29 43	2	0	2	4	0	2	0	0	1	0	0	0	0	0	0
LH0223C	61 30 5	153 22 36	1	0	2	0	0	3	0	0	0	0	0	0	0	0	0
LH0224C	61 28 25	153 23 0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0225C	61 30 52	153 22 14	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0226C	61 30 33	153 18 2	0	0	1	4	0	1	0	0	0	0	0	0	0	0	0
LH0227C	61 33 20	153 18 52	0	0	0	4	0	0	0	0	0	0	0	3	0	0	0
LH0228C	61 33 27	153 21 10	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0229C	61 39 16	153 22 4	0	0	1	4	1	1	0	0	0	0	0	2	0	0	0
LH0230C	61 39 34	153 16 12	0	0	2	4	0	0	1	0	0	0	0	0	0	0	0
LH0231C	61 37 45	153 4 14	0	0	1	4	0	2	1	0	0	0	0	0	0	0	0
LH0232C	61 38 59	153 4 42	0	0	1	4	0	2	1	0	0	0	0	2	0	0	0
LH0234C	61 36 57	153 12 33	0	0	2	4	0	0	0	0	1	0	0	3	0	0	0
LH0235C	61 36 58	153 12 25	0	0	1	4	0	0	0	0	0	0	0	3	0	0	0
LH0236C	61 38 4	153 11 18	0	0	0	0	1	0	0	0	0	0	0	4	0	0	0
LH0237C	61 41 22	153 3 26	0	0	1	4	0	0	1	0	0	0	0	3	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH0161C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0162C	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	4	0	0	0	2	0	0
LH0163C	0	0	0	0	0	2	0	0	0	0	0	0	0	1	1	0	3	0	0	0	2	0	0
LH0164C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0165C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0
LH0166C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0
LH0167C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	1	0	0
LH0168C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0
LH0169C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0
LH0170C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	4	1	0	0	0	0	0
LH0171C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	1	0	0
LH0172C	0	0	0	0	0	4	0	0	0	0	1	0	0	2	0	0	4	0	1	0	0	0	0
LH0173C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	0	1	0	0	0	0
LH0174C	0	0	0	0	0	0	0	4	0	0	0	0	0	4	0	0	3	0	0	0	0	0	0
LH0175C	0	0	0	0	4	0	0	0	0	0	1	1	0	4	0	0	4	0	0	0	0	0	0
LH0200C	0	0	0	3	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0201C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0
LH0202C	0	0	0	0	0	4	0	0	0	0	0	1	0	1	0	0	2	0	0	0	0	0	0
LH0203C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	4	0	0	0	1	0	0
LH0204C	0	0	0	0	4	0	0	0	0	0	1	0	0	2	0	0	4	0	0	0	0	0	0
LH0205C	0	0	0	0	4	0	0	0	0	0	1	0	0	2	0	0	4	0	0	0	0	0	0
LH0208C	0	0	0	0	4	0	0	0	0	0	1	0	0	2	1	0	4	0	0	0	0	0	0
LH0209C	0	0	0	0	4	0	0	0	0	0	0	0	0	3	0	0	2	0	0	0	0	0	0
LH0210C	0	0	0	0	4	0	0	0	0	0	3	3	0	0	0	0	4	0	1	0	0	0	0
LH0211C	0	0	0	0	4	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0212C	0	0	0	0	4	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0213C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0214C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0
LH0215C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
LH0216C	0	0	0	0	0	0	0	0	4	0	0	0	0	3	0	0	2	0	0	0	0	0	0
LH0217C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
LH0218C	0	0	0	0	0	0	0	0	1	0	0	0	0	3	0	0	4	0	0	0	0	0	0
LH0219C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0
LH0220C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	0	0
LH0221C	0	0	0	0	4	0	0	0	0	0	2	0	0	0	0	0	4	0	0	0	0	0	0
LH0222C	0	0	0	0	4	0	0	0	0	0	3	0	0	2	0	0	4	0	1	0	0	0	0
LH0223C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH0224C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0225C	0	0	0	4	0	0	0	0	0	0	1	0	0	2	0	0	4	0	0	0	1	0	0
LH0226C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0227C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	4	0	1	0	1	0	0
LH0228C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2	3	0	0	0	0	0	0
LH0229C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	4	0	1	0	0	0	0
LH0230C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0231C	0	0	0	0	0	0	0	0	0	0	1	1	0	4	0	0	4	0	0	0	0	0	0
LH0232C	0	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	4	0	0	0	0	0	0
LH0234C	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	4	0	2	0	0	0	0
LH0235C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH0236C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0237C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	4	0	1	0	1	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH0161C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0162C	0	0	0	1	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0
LH0163C	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LH0164C	1	0	0	2	0	0	0	0	0	0	3	0	0	0	2	1	1	0	0	0	0	0
LH0165C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
LH0166C	0	0	0	0	1	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0
LH0167C	0	0	0	1	1	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH0168C	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
LH0169C	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
LH0170C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0
LH0171C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0
LH0172C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0173C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0
LH0174C	0	0	0	0	3	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0175C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0200C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0201C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0202C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0203C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0204C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0205C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0208C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0
LH0209C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0210C	1	0	0	0	1	0	0	0	0	0	4	0	0	0	2	1	0	0	0	0	0	0
LH0211C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0212C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0213C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0214C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0215C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0216C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0217C	0	0	0	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0218C	1	0	0	0	2	0	0	0	0	0	4	0	0	0	1	0	1	0	0	0	0	0
LH0219C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0220C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	4	0	0	0	0	0	0	0
LH0221C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0222C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0
LH0223C	0	0	0	4	1	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0
LH0224C	1	0	0	1	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0225C	1	0	0	2	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0226C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0227C	0	0	0	1	0	0	0	0	1	0	4	0	0	0	4	0	0	0	0	0	0	0
LH0228C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0229C	1	0	0	1	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0
LH0230C	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0231C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0
LH0232C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0
LH0234C	0	0	0	2	0	0	0	0	0	1	4	0	0	0	1	0	0	0	0	0	0	0
LH0235C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0236C	4	0	0	1	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0
LH0237C	1	0	0	0	1	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH0238C	61 43 46	153 5 59	0	0	1	4	0	0	1	0	1	0	0	2	0	0	0
LH0239C	61 43 39	153 5 59	0	0	1	4	0	0	1	0	1	0	0	4	0	0	0
LH0242C	61 46 17	153 34 15	2	0	0	1	0	2	0	0	1	0	0	1	0	0	0
LH0243C	61 49 24	153 32 33	0	0	1	2	0	4	0	0	0	0	0	0	0	0	0
LH0244C	61 47 47	153 25 24	2	0	0	1	0	3	0	0	0	0	0	1	0	0	0
LH0245C	61 46 22	153 28 49	0	0	1	1	0	3	0	0	0	0	0	1	0	0	0
LH0246C	61 52 2	153 19 53	2	0	0	4	0	0	0	0	0	0	0	2	0	0	0
LH0247C	61 53 45	153 19 9	4	0	0	4	0	0	0	0	0	0	0	2	0	0	0
LH0248C	61 52 48	153 24 3	0	0	0	4	0	0	0	0	1	0	0	2	0	0	0
LH0250C	61 57 6	153 25 32	1	0	1	3	0	4	0	0	0	0	0	2	0	0	0
LH0251C	61 57 10	153 25 35	0	0	0	4	0	4	1	0	1	0	0	0	0	0	0
LH0252C	61 57 39	153 24 0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0253C	61 45 33	153 28 22	0	0	0	3	0	2	0	0	0	0	0	2	0	0	0
LH0254C	61 40 58	153 23 49	4	0	1	4	0	1	0	0	0	0	0	1	0	0	0
LH0255C	61 39 54	153 23 53	4	0	1	3	0	0	1	0	0	0	0	0	0	0	0
LH0256C	61 40 2	153 23 57	3	0	3	4	0	4	0	0	0	0	0	0	0	0	0
LH0257C	61 38 52	153 43 14	0	0	0	4	0	0	0	0	1	0	0	0	0	0	0
LH0258C	61 38 17	153 41 25	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0259C	61 27 21	153 1 9	0	0	1	3	0	2	0	0	0	0	0	3	0	0	0
LH0260C	61 27 27	153 1 5	0	0	1	0	4	0	0	0	0	0	0	4	0	0	0
LH0261C	61 26 8	153 7 38	0	0	0	3	0	3	1	0	0	0	0	4	0	0	0
LH0262C	61 26 15	153 7 53	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0
LH0263C	61 28 4	153 7 55	0	0	0	3	0	2	0	0	0	0	0	4	0	0	0
LH0264C	61 25 8	153 8 17	0	0	1	2	0	3	1	0	0	0	0	4	0	0	0
LH0266C	61 25 52	153 15 16	0	0	0	3	0	0	3	3	0	0	0	4	0	0	0
LH0267C	61 25 41	153 20 0	0	0	1	4	0	0	0	1	0	0	0	3	0	0	0
LH0268C	61 20 50	153 18 28	0	0	1	2	0	0	0	0	0	0	0	2	0	0	0
LH0269C	61 21 53	153 18 1	0	0	1	2	0	0	0	1	1	0	0	3	0	0	0
LH0270C	61 23 51	153 17 5	0	0	0	4	0	0	1	0	0	0	0	4	0	0	0
LH0271C	61 24 51	153 16 15	0	0	1	3	0	0	2	0	0	0	0	2	0	0	0
LH0272C	61 22 42	153 10 6	0	0	0	2	0	0	1	0	0	0	0	4	0	0	0
LH0273C	61 20 53	153 4 55	0	0	0	2	0	0	0	1	0	0	0	4	0	0	0
LH0274C	61 19 58	153 6 34	0	0	0	3	0	0	0	0	0	0	0	2	0	0	0
LH0275C	61 16 1	153 2 34	0	0	0	4	0	0	0	0	0	0	0	4	0	0	0
LH0276C	61 33 10	153 12 59	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0279C	61 17 20	153 7 58	0	0	0	4	0	1	0	0	0	0	0	1	0	0	0
LH0280C	61 16 19	153 13 14	0	0	0	4	0	0	2	0	0	0	0	2	0	0	0
LH0281C	61 15 44	153 15 39	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0282C	61 15 31	153 17 32	0	0	0	4	0	0	1	0	0	0	0	4	0	0	0
LH0283C	61 11 36	153 20 9	0	0	0	4	0	0	1	0	0	0	0	0	0	0	1
LH0284C	61 12 4	153 17 34	0	0	1	4	0	0	1	1	0	0	0	0	0	0	2
LH0285C	61 11 21	153 15 52	0	0	1	4	0	0	1	1	1	0	0	1	0	0	0
LH0286C	61 8 58	153 10 3	0	0	1	4	0	0	2	2	1	0	0	0	0	0	0
LH0287C	61 14 35	153 9 35	0	0	1	4	0	0	1	0	1	0	0	0	0	0	0
LH0288C	61 13 36	153 4 20	0	0	0	4	0	0	0	0	0	0	0	2	0	0	0
LH0289C	61 9 29	153 6 56	0	0	1	3	0	0	2	0	1	0	0	0	0	0	1
LH0290C	61 3 32	153 2 13	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0
LH0291C	61 5 52	153 8 42	0	0	0	4	0	0	2	0	1	0	0	0	0	0	0
LH0292C	61 4 8	153 6 56	0	0	2	2	0	0	1	0	1	0	0	0	0	0	0
LH0293C	61 4 14	153 12 57	0	0	1	2	0	0	2	0	0	0	0	1	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH0238C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0239C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	3	4	0	0	0	0	0	0
LH0242C	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0243C	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	1	0	1	0	0	0	0
LH0244C	0	0	0	0	4	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0	0	0	0
LH0245C	0	0	0	0	4	0	0	0	4	0	3	0	0	2	0	0	3	0	0	0	0	0	0
LH0246C	0	0	0	0	4	0	0	0	4	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0247C	0	0	0	0	4	0	0	0	4	0	2	0	0	2	0	0	4	0	0	0	0	0	0
LH0248C	0	0	0	0	4	0	0	0	4	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0250C	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	3	0	1	0	0	0	0
LH0251C	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0252C	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0253C	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	2	0	0	0	0	0	0
LH0254C	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0255C	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	3	0	1	0	0	0	0
LH0256C	0	0	0	0	3	0	0	0	0	0	2	0	0	2	0	0	4	0	0	0	0	0	0
LH0257C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	2	4	0	0	0	1	0	0
LH0258C	0	0	0	0	0	0	0	0	4	0	0	0	0	3	0	0	4	0	0	0	0	0	0
LH0259C	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0260C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	4	0	1	0	0	0	0
LH0261C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0262C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0263C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0264C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0266C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	1	0	0
LH0267C	0	0	0	0	0	0	4	4	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0268C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0269C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0270C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	4	0	0	0	0	0	0
LH0271C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0272C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	1	0	0
LH0273C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	1	0	0
LH0274C	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0
LH0275C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0276C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0279C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4	0	0	0	0	0	0
LH0280C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0281C	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0282C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0283C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0284C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0285C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0286C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0287C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0288C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0289C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	1	4	0	0	0	1	0	0
LH0290C	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	4	0	0	0	0	0	0
LH0291C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	1	0	0
LH0292C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	1	0	0
LH0293C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	2	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH0238C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0239C	1	0	0	0	0	0	1	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0
LH0242C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0243C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH0244C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0245C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0246C	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0247C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0248C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0250C	2	0	0	0	1	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0251C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0252C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0253C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0254C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0255C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0256C	1	0	0	2	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0257C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0258C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0259C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0
LH0260C	1	0	0	0	1	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0
LH0261C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	1	0
LH0262C	2	0	0	1	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0263C	2	0	0	1	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0264C	0	0	0	0	0	0	0	0	0	1	4	0	0	0	1	0	0	0	0	0	0	0
LH0266C	1	0	0	0	0	0	0	0	0	1	4	0	0	0	1	0	0	0	1	0	0	0
LH0267C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0268C	1	0	0	1	0	0	0	0	0	1	2	0	0	0	2	0	0	0	1	0	0	0
LH0269C	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0
LH0270C	1	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0271C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0272C	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	4	0	0	0
LH0273C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0
LH0274C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	1	0	0	0
LH0275C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0276C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0279C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0280C	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0
LH0281C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0282C	1	0	0	1	0	0	0	0	0	2	2	0	0	0	4	0	0	0	0	0	0	0
LH0283C	2	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0284C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0
LH0285C	0	0	0	0	0	0	0	0	0	1	3	0	0	0	4	0	0	0	0	0	0	0
LH0286C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH0287C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0288C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0
LH0289C	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0
LH0290C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0
LH0291C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0
LH0292C	0	0	0	1	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0
LH0293C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH0294C	61 5 0	153 19 27	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0295C	61 56 45	153 59 37	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0
LH0296C	61 57 55	153 55 24	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0297C	61 56 38	153 54 3	0	0	0	4	0	0	0	0	0	0	0	3	0	0	0
LH0298C	61 57 53	154 7 53	0	0	1	0	0	0	0	0	0	0	0	3	0	0	0
LH0299C	61 58 2	154 7 48	0	0	1	0	0	0	0	0	0	0	0	4	0	0	0
LH0300C	61 42 2	153 46 15	0	0	1	4	0	0	1	0	0	0	0	2	0	0	0
LH0301C	61 41 48	153 44 48	0	0	2	2	0	0	0	0	0	0	0	3	0	0	0
LH0302C	61 39 56	153 41 0	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0303C	61 39 32	153 42 34	4	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0304C	61 40 51	153 39 57	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0305C	61 41 22	153 36 47	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0306C	61 41 15	153 33 31	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0307C	61 41 11	153 30 32	0	0	1	1	1	3	0	0	0	0	0	3	0	0	0
LH0308C	61 39 1	153 31 33	0	0	2	2	0	4	0	0	0	0	0	4	0	0	0
LH0309C	61 38 41	153 31 36	0	0	1	0	1	3	0	0	0	0	0	2	0	0	0
LH0310C	61 38 41	153 31 54	4	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0311C	61 36 33	153 36 8	4	0	0	2	2	3	0	0	0	0	0	0	0	0	0
LH0312C	61 37 19	153 30 39	0	0	2	1	0	4	0	0	0	0	0	3	0	0	0
LH0313C	61 32 46	153 38 13	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0314C	61 33 51	153 35 36	4	0	1	2	0	0	0	0	0	0	0	1	0	0	0
LH0315C	61 32 53	153 28 22	0	0	0	1	0	1	0	0	1	0	0	2	0	0	0
LH0316C	61 31 36	153 28 33	0	0	1	1	0	0	0	0	0	0	0	2	0	0	0
LH0317C	61 31 3	153 26 50	1	0	1	1	0	0	0	0	0	0	0	2	0	0	0
LH0318C	61 33 37	153 26 17	0	0	1	2	0	2	0	0	0	0	0	2	0	0	0
LH0319C	61 29 47	153 8 54	0	0	0	3	0	0	0	0	0	0	0	2	0	0	0
LH0320C	61 29 50	153 8 42	0	0	0	3	0	0	0	0	0	0	0	2	0	0	0
LH0321C	61 32 37	153 9 14	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
LH0322C	61 33 8	153 10 23	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LH0323C	61 33 2	153 10 32	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0
LH0324C	61 33 22	153 5 8	0	0	3	4	0	0	0	0	0	0	0	4	0	0	0
LH0325C	61 36 12	153 7 13	0	0	1	4	0	0	1	0	0	0	0	0	0	0	0
LH0326C	61 37 15	153 6 51	0	0	0	4	0	0	1	0	0	0	0	0	0	0	0
LH0327C	61 33 41	153 6 12	0	0	0	4	0	0	0	0	1	0	0	4	0	0	0
LH0328C	61 39 22	153 10 10	0	0	0	3	0	0	0	0	1	0	0	4	0	0	0
LH0329C	61 38 7	153 11 35	0	0	0	4	0	0	0	0	0	0	0	4	0	0	0
LH0330C	61 41 20	153 1 56	0	0	2	4	0	0	0	0	0	0	0	4	0	0	0
LH0332C	61 42 4	153 9 6	0	0	1	4	0	0	0	0	0	0	0	4	0	0	0
LH0333C	61 41 25	153 2 0	0	0	2	4	0	1	0	0	1	0	0	4	0	0	0
LH0334C	61 59 58	153 53 44	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
LH0335C	61 45 56	153 38 44	2	0	1	3	0	2	0	0	1	0	0	2	0	0	0
LH0336C	61 47 29	153 41 5	0	0	1	3	2	2	0	0	1	0	0	2	0	0	0
LH0337C	61 48 8	153 48 23	0	0	1	0	0	0	0	0	0	0	0	4	0	0	0
LH0338C	61 47 41	153 50 8	0	0	1	0	0	0	0	0	0	0	0	4	0	0	0
LH0339C	61 46 55	153 48 21	0	0	3	0	0	0	0	0	0	0	0	3	0	0	0
LH0340C	61 46 33	153 48 16	0	0	4	0	0	0	1	0	0	0	0	2	0	0	0
LH0341C	61 47 10	153 32 54	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
LH0342C	61 48 9	153 33 32	0	0	0	1	0	4	0	0	1	0	0	0	0	0	0
LH0343C	61 49 14	153 27 30	3	0	0	2	0	3	0	0	0	0	0	0	0	0	0
LH0344C	61 51 7	153 26 37	0	0	0	4	0	2	0	0	0	0	0	0	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CS
LH0294C	0	0	0	0	4	4	4	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0295C	0	0	0	0	4	4	4	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
LH0296C	0	0	0	0	0	4	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0
LH0297C	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0298C	0	1	0	0	2	0	4	0	0	0	0	0	0	4	0	0	4	0	0	0	1	0	0
LH0299C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	1	0	0
LH0300C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0301C	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	1	0	0
LH0302C	0	0	0	0	4	4	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	0	0
LH0303C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	1	4	0	0	0	0	1	0
LH0304C	0	0	0	0	4	0	0	0	0	0	1	0	0	4	0	1	4	0	0	0	1	0	0
LH0305C	0	0	0	0	4	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0306C	0	0	0	0	4	0	0	0	4	0	1	0	0	4	0	1	2	0	0	0	1	1	0
LH0307C	0	0	0	0	0	0	0	0	4	0	0	0	0	4	0	0	2	0	1	0	0	0	0
LH0308C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0
LH0309C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0
LH0310C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	3	0	1	0	0	0	0
LH0311C	0	0	0	0	3	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0
LH0312C	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0	0	2	0	1	0	0	0	0
LH0313C	0	0	0	0	4	0	0	0	0	0	1	0	0	4	0	0	4	0	1	0	0	0	0
LH0314C	0	0	0	0	4	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0315C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	1	0	1	0	0
LH0316C	0	0	0	0	0	3	0	0	3	0	3	0	0	0	0	0	1	0	0	0	0	0	0
LH0317C	0	1	0	0	4	0	0	0	4	0	0	0	0	1	0	0	1	0	1	0	0	0	0
LH0318C	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0319C	0	0	0	0	0	0	4	4	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0
LH0320C	0	0	0	0	0	0	4	4	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH0321C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0322C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0323C	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0324C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	1	0	0
LH0325C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	0	1	0	1	0	0
LH0326C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	3	0	0	0	0	0	0
LH0327C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH0328C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0329C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	0	0
LH0330C	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	4	0	1	0	1	0	0
LH0332C	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	4	0	1	0	0	0	0
LH0333C	0	0	0	0	0	0	0	0	0	0	2	1	0	3	0	0	4	0	0	0	0	0	0
LH0334C	0	0	0	3	0	4	0	4	0	0	2	0	0	4	0	0	2	0	1	0	0	0	0
LH0335C	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	0	0	0	0	0	0
LH0336C	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	1	0	0	0	0
LH0337C	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	4	0	1	0	0	0	0
LH0338C	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	4	0	0	0	0	0	0
LH0339C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0340C	0	1	0	0	0	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0341C	0	0	0	0	4	4	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0342C	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0343C	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0344C	0	0	0	0	0	3	0	0	0	0	1	0	0	3	0	0	4	0	0	0	0	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH0294C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0295C	1	0	0	2	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0296C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0297C	1	0	0	0	0	0	0	0	0	1	3	0	0	0	3	0	0	0	0	0	0	0
LH0298C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0299C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0300C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH0301C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0
LH0302C	0	0	0	0	2	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0303C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0304C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0305C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0306C	0	0	0	0	0	0	0	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0
LH0307C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0
LH0308C	1	0	0	0	3	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0309C	1	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0310C	1	0	0	1	3	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0311C	1	0	0	0	1	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0312C	3	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0313C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0314C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0315C	1	0	0	0	5	0	0	0	0	1	4	0	0	0	4	0	0	0	0	0	0	0
LH0316C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0317C	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0318C	0	0	0	0	2	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0
LH0319C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0320C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0321C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0322C	0	0	0	1	1	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0323C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	1	0	0	0
LH0324C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0325C	0	0	0	0	1	0	0	0	0	1	2	0	0	0	1	0	1	0	0	0	0	0
LH0326C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0327C	1	0	0	1	1	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0328C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0329C	1	0	1	0	1	0	0	0	0	0	4	0	0	0	3	0	0	0	0	0	0	0
LH0330C	1	0	0	0	0	0	1	0	2	0	3	0	0	0	3	0	0	0	0	0	0	0
LH0332C	1	0	0	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0333C	1	0	0	0	0	0	0	0	1	0	3	0	0	0	3	0	0	0	0	0	0	0
LH0334C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0335C	0	0	0	0	1	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0336C	0	0	0	0	2	0	0	0	0	0	4	0	0	0	3	0	0	0	0	0	0	0
LH0337C	1	0	0	1	1	0	0	0	0	0	4	0	0	0	3	0	0	0	2	0	0	0
LH0338C	0	0	0	1	0	0	1	0	0	4	2	0	0	0	4	0	0	0	0	0	0	0
LH0339C	0	0	0	1	0	0	0	0	1	1	0	0	0	0	4	0	0	0	0	0	0	0
LH0340C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	1	0	0
LH0341C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0342C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0343C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0344C	1	0	0	0	0	0	0	0	1	0	4	0	0	0	0	1	0	0	0	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH0345C	61 45 1	153 32 20	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0
LH0346C	61 52 7	153 27 52	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0347C	61 52 1	153 19 33	0	0	1	4	0	3	1	0	0	0	0	0	0	0	0
LH0348C	61 55 10	153 15 31	0	0	4	3	0	0	0	0	0	0	0	0	0	0	0
LH0349C	61 38 29	153 43 15	0	0	2	4	0	2	0	0	0	0	0	0	0	0	0
LH0350C	61 37 36	153 43 13	3	0	0	4	0	0	1	0	0	0	0	0	0	0	0
LH0351C	61 25 59	153 0 4	0	0	2	4	0	2	0	0	0	0	0	4	0	0	0
LH0352C	61 24 2	153 1 19	0	0	1	2	0	2	1	0	0	0	0	0	0	0	0
LH0353C	61 21 59	153 0 21	0	0	1	3	0	0	0	0	0	0	0	4	0	0	0
LH0354C	61 26 51	153 9 29	0	0	0	2	0	1	1	0	0	0	0	0	0	0	0
LH0355C	61 24 26	153 6 56	0	0	0	2	0	2	0	1	0	0	0	4	0	0	0
LH0356C	61 28 18	153 15 45	0	0	0	1	0	1	0	0	0	0	0	4	0	0	0
LH0357C	61 26 11	153 19 8	0	0	1	4	0	0	0	0	0	0	0	3	0	0	0
LH0361C	61 17 36	153 6 36	0	0	0	2	0	4	0	0	0	0	0	0	0	0	0
LH0362C	61 16 39	153 12 12	1	0	0	4	0	0	0	0	0	0	0	4	0	0	0
LH0363C	61 16 17	153 14 6	0	0	1	0	0	0	1	0	0	0	0	4	0	0	0
LH0364C	61 14 24	153 19 26	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0
LH0365C	61 14 28	153 19 35	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
LH0366C	61 11 30	153 20 17	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
LH0367C	61 12 0	153 17 48	0	0	0	4	0	0	1	0	0	0	0	2	0	0	0
LH0368C	61 10 42	153 14 49	0	0	0	4	0	0	1	0	0	0	0	4	0	0	0
LH0369C	61 10 31	153 12 22	0	0	1	4	0	0	2	0	0	0	0	3	0	0	0
LH0370C	61 14 37	153 9 50	0	0	1	4	0	0	1	0	0	0	0	2	0	0	0
LH0371C	61 12 57	153 7 33	0	0	2	3	0	0	1	0	0	0	0	2	0	0	0
LH0372C	61 9 1	153 4 20	0	0	1	3	0	0	0	0	0	0	0	2	0	0	0
LH0373C	61 3 40	153 1 57	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0374C	61 7 19	153 11 12	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0375C	61 3 6	153 5 19	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0376C	61 2 43	153 10 58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0377C	61 4 7	153 16 52	0	0	0	3	0	0	0	0	1	0	0	4	0	0	0
LH0378C	61 56 8	154 2 32	0	0	0	1	0	4	0	0	0	0	0	1	0	0	0
LH0379C	61 57 27	153 59 7	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0
LH0380C	61 57 33	153 56 57	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0
LH0381C	61 56 28	153 53 19	0	0	1	0	0	0	0	0	0	0	0	4	0	0	0
LH0382C	61 58 17	154 9 42	0	0	0	2	2	4	0	0	0	0	0	0	0	0	0
LH0383C	61 57 48	154 10 53	0	0	0	0	4	4	0	0	0	0	0	4	0	0	0
LH0384C	61 52 43	154 6 17	0	0	0	0	4	4	0	0	0	0	0	2	0	0	0
LH0385C	61 52 42	154 6 6	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
LH0386C	61 52 47	154 6 2	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
LH0387C	61 54 40	154 3 9	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0
LH0388C	61 53 53	153 56 41	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
LH0393C	61 59 23	154 20 16	0	0	0	0	2	4	0	0	0	0	0	1	0	0	0
LH0394C	61 59 18	154 20 13	0	0	0	0	2	4	0	0	0	0	0	1	0	0	0
LH0395C	61 56 35	154 17 57	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
LH0396C	61 58 24	154 15 3	0	0	0	0	3	4	0	0	0	0	0	1	0	0	0
LH0397C	61 54 53	154 13 56	0	0	0	0	4	4	0	0	0	0	0	1	0	0	0
LH0398C	61 51 42	154 12 17	0	0	1	0	4	4	0	0	0	0	0	0	0	0	0
LH0399C	61 49 36	154 6 22	0	0	1	4	2	3	0	0	0	0	0	3	0	0	0
LH0400C	61 56 16	154 10 31	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
LH0401C	61 54 38	154 10 49	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH0345C	0	0	0	2	4	0	0	0	4	0	2	0	0	3	0	0	3	0	0	0	0	1	0
LH0346C	0	0	0	0	3	0	0	0	0	0	1	0	0	2	0	0	4	0	1	0	0	0	0
LH0347C	0	0	0	2	3	0	0	0	3	0	1	0	0	2	0	0	3	0	0	0	0	0	0
LH0348C	0	0	0	2	3	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	0	0	0
LH0349C	0	0	0	4	1	0	0	0	0	0	2	0	0	4	0	0	4	0	0	0	0	0	0
LH0350C	0	0	0	0	2	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0351C	0	0	0	0	0	0	0	0	0	0	0	3	0	2	0	0	4	0	0	0	0	0	0
LH0352C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0353C	0	0	0	4	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	0	0	0
LH0354C	0	0	0	4	0	0	0	0	0	0	1	0	0	2	0	0	4	0	0	0	0	0	0
LH0355C	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0	0	4	0	0	0	0	0	0
LH0356C	0	0	0	2	1	0	0	0	0	0	0	1	1	3	0	0	4	0	1	1	0	0	0
LH0357C	0	0	0	2	0	0	0	0	0	0	1	0	1	2	0	0	4	0	0	1	0	0	0
LH0361C	0	0	0	0	2	0	0	4	0	0	0	0	0	2	0	0	1	0	1	0	1	0	0
LH0362C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	1	0	0
LH0363C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0364C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	0	0
LH0365C	0	0	0	4	0	0	0	0	0	0	1	0	1	2	0	0	3	0	0	0	0	0	0
LH0366C	0	0	0	4	0	0	0	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	0
LH0367C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0368C	0	0	0	4	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	0	0	0
LH0369C	0	0	0	4	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	0	0	0
LH0370C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	0	0
LH0371C	0	0	0	4	0	0	4	0	0	0	0	0	0	3	0	0	4	0	0	0	0	0	0
LH0372C	0	0	0	4	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0373C	0	0	0	3	0	0	0	0	0	0	0	0	0	5	0	0	4	0	0	0	0	0	0
LH0374C	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0375C	0	0	0	4	0	0	0	0	0	0	1	0	0	5	0	0	4	0	0	0	0	0	0
LH0376C	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0
LH0377C	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0378C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
LH0379C	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0380C	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0381C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	4	0	2	0	0	0	0
LH0382C	0	0	0	0	4	4	0	0	0	4	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0383C	0	0	0	0	0	4	0	0	0	4	0	0	0	1	0	0	2	0	0	0	0	0	0
LH0384C	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0385C	0	0	0	0	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0386C	0	0	0	0	4	0	0	0	0	4	0	0	0	1	0	0	1	0	0	0	0	0	0
LH0387C	0	0	0	0	4	0	0	0	0	4	0	0	0	1	0	0	1	0	0	0	0	0	0
LH0388C	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	2	0	0	0	0
LH0393C	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0394C	0	0	0	0	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0395C	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0396C	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0397C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0398C	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0399C	0	0	0	0	4	0	0	0	4	0	0	0	0	4	0	0	4	0	1	0	0	0	0
LH0400C	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0401C	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	2	0	0	0	0	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MW	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH0345C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0346C	1	0	0	0	8	0	0	0	0	0	4	0	0	0	3	0	1	0	0	0	0	0
LH0347C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0348C	1	0	0	1	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
LH0349C	0	0	0	1	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0350C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0351C	0	0	0	1	0	0	0	0	0	0	3	0	0	0	1	0	0	0	1	0	0	0
LH0352C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0
LH0353C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH0354C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0355C	1	0	0	1	0	0	0	0	0	1	3	0	0	0	1	0	0	0	0	0	0	0
LH0356C	0	0	0	1	0	0	0	0	0	1	3	0	0	0	1	0	0	0	0	0	0	0
LH0357C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0361C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0362C	0	0	0	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0363C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0
LH0364C	0	0	0	0	0	0	0	0	0	1	4	0	0	0	3	0	1	0	0	0	0	0
LH0365C	0	0	0	1	0	0	0	0	0	1	2	0	0	0	2	0	0	0	1	0	0	0
LH0366C	1	0	0	0	0	0	0	0	0	1	3	0	0	0	3	1	0	0	0	0	0	0
LH0367C	1	0	0	0	0	0	0	0	0	1	3	0	0	0	2	0	0	0	0	0	0	0
LH0368C	1	0	0	0	0	0	0	0	0	1	4	0	0	0	3	0	0	0	0	0	0	0
LH0369C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0370C	1	0	0	0	2	0	0	0	0	1	3	0	0	0	3	0	0	0	0	0	0	0
LH0371C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0372C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0373C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0374C	0	0	0	1	0	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0
LH0375C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0376C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH0377C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0378C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0379C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0380C	1	0	0	4	1	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0381C	2	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	1	0	0
LH0382C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0383C	0	0	1	4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0384C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0385C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0386C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0387C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0388C	1	0	0	4	8	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0393C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0394C	0	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0395C	0	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0396C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0397C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0398C	0	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0399C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0400C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0401C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH0402C	61 54 50	154 6 35	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0
LH0403C	61 53 1	154 0 46	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
LH0404C	61 52 57	154 0 40	0	0	0	0	2	4	0	0	0	0	0	2	0	0	0
LH0406C	61 59 0	154 22 56	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0407C	61 56 3	154 17 2	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0
LH0408C	61 59 57	154 13 1	0	0	0	1	0	4	0	0	0	0	0	0	0	0	0
LH0409C	61 54 28	154 15 2	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0
LH0410C	61 51 8	154 10 55	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0
LH0411C	61 49 42	154 5 15	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0
LH0412C	61 46 22	154 3 42	0	0	0	2	1	1	0	0	0	0	0	3	0	0	0
LH0413C	61 48 22	154 1 42	0	0	0	0	3	4	0	0	0	0	0	2	0	0	0
LH0414C	61 59 43	153 2 50	0	0	1	4	0	0	1	0	0	0	0	0	0	0	0
LH0415C	61 57 53	153 0 53	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0416C	61 58 4	153 2 58	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0417C	61 54 43	153 4 47	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0
LH0418C	61 52 51	153 3 58	0	0	1	4	0	4	0	0	0	0	0	0	0	0	0
LH0419C	61 52 21	153 1 54	0	0	0	4	1	4	1	0	0	0	0	0	0	0	0
LH0420C	61 51 53	153 6 58	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0421C	61 49 39	153 9 15	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0422C	61 37 7	153 45 36	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0
LH0423C	61 35 46	153 45 31	0	0	3	0	0	4	0	0	0	0	0	0	0	0	0
LH0424C	61 33 49	153 45 40	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0425C	61 32 20	153 45 51	4	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0426C	61 34 14	153 43 14	0	0	0	4	0	0	0	0	0	0	0	1	0	0	0
LH0427C	61 30 53	153 47 47	0	0	0	2	0	0	1	1	0	0	0	1	0	0	0
LH0428C	61 29 20	153 43 38	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0429C	61 28 34	153 45 34	0	0	0	3	0	0	2	0	0	0	0	0	0	0	0
LH0431C	61 26 17	153 47 32	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0432C	61 25 43	153 42 30	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0433C	61 23 21	153 47 6	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0434C	61 23 26	153 40 55	0	0	0	2	0	3	1	0	0	0	2	0	0	0	0
LH0435C	61 22 14	153 47 39	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
LH0436C	61 22 47	153 37 31	0	0	0	4	0	3	1	0	1	0	0	0	0	0	0
LH0437C	61 23 30	153 35 5	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0438C	61 21 33	153 31 46	0	0	2	4	0	0	0	0	0	0	0	2	0	0	0
LH0439C	61 21 30	153 31 51	0	0	2	4	0	0	0	0	0	0	0	2	0	0	0
LH0440C	61 25 7	153 29 19	0	0	1	0	0	2	0	0	0	0	0	2	0	0	0
LH0441C	61 25 46	153 28 23	0	0	0	4	0	3	0	0	0	0	2	4	0	0	0
LH0442C	61 25 55	153 27 30	0	0	1	2	0	2	0	0	0	0	0	0	0	0	0
LH0443C	61 25 42	153 27 20	0	0	0	3	0	0	0	1	1	0	0	3	0	0	0
LH0444C	61 27 32	153 34 41	0	0	1	4	0	2	0	0	0	0	2	4	0	0	0
LH0445C	61 27 57	153 34 33	0	0	0	4	0	0	0	0	0	0	0	3	0	0	0
LH0446C	61 25 59	153 35 59	0	0	0	3	0	0	0	0	0	0	2	4	0	0	0
LH0447C	61 24 35	153 26 1	0	0	3	3	0	0	1	0	0	0	0	1	0	0	1
LH0448C	61 19 35	153 38 37	0	0	0	4	0	0	2	0	0	0	0	4	0	0	0
LH0449C	61 19 17	153 33 9	0	0	1	4	0	0	0	0	0	0	0	4	0	0	0
LH0450C	61 19 13	153 33 4	0	0	2	4	1	0	0	0	0	0	0	3	0	0	0
LH0451C	61 16 51	153 39 20	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0
LH0452C	61 16 47	153 39 17	0	0	1	0	0	0	1	0	0	0	0	3	0	0	0
LH0453C	61 25 13	153 59 37	0	0	2	4	0	3	2	0	0	0	0	3	0	0	0

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

Sample	MT	MU	PX	OF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH0402C	0	0	0	0	2	0	0	0	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0
LH0403C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0404C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0406C	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	1	4	0	0	0	0	0	0
LH0407C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0408C	0	0	0	0	4	0	0	0	4	4	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0409C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0410C	0	0	0	0	4	0	0	0	4	4	0	0	0	2	0	0	3	0	0	0	0	0	0
LH0411C	0	0	0	0	4	0	0	0	4	4	0	0	0	1	0	0	1	0	0	0	0	0	0
LH0412C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1	0
LH0413C	0	0	0	0	4	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	1	0
LH0414C	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	4	0	0	0	0	1	0
LH0415C	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	4	0	0	0	0	0	0
LH0416C	0	0	0	0	3	0	0	0	0	0	2	0	0	5	0	0	4	0	0	0	0	1	0
LH0417C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0418C	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	4	0	0	0	0	0	0
LH0419C	0	0	0	0	3	0	0	0	0	0	1	0	0	3	0	0	2	0	0	0	0	0	0
LH0420C	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0
LH0421C	0	0	0	0	4	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	1	0
LH0422C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0423C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0424C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0425C	0	0	0	0	4	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	0	0	0
LH0426C	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0	0	4	0	0	0	0	0	0
LH0427C	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0428C	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0429C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0431C	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0432C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0433C	0	0	0	0	0	0	0	4	0	0	0	1	0	3	0	0	4	0	0	0	0	0	0
LH0434C	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0435C	0	0	0	0	0	0	0	4	0	0	0	0	0	3	0	1	4	0	0	0	0	0	0
LH0436C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	3	4	0	1	0	0	0	0
LH0437C	0	0	0	0	0	0	0	4	0	0	0	0	0	4	0	1	4	0	0	0	0	0	0
LH0438C	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	4	0	0	0	0	0	0
LH0439C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0440C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0441C	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH0442C	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0443C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0444C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH0445C	0	0	0	3	0	0	0	4	0	0	0	0	0	2	0	1	1	1	1	0	0	0	0
LH0446C	0	0	0	0	0	0	0	4	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
LH0447C	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0448C	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0
LH0449C	0	0	0	0	3	0	0	3	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0450C	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0451C	0	0	0	3	0	4	0	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0452C	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	2	4	0	0	0	1	0	0
LH0453C	0	0	0	1	0	0	0	0	2	0	0	0	0	2	0	0	4	0	1	0	1	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH0402C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0403C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0404C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0406C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0407C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0408C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0409C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0410C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0411C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0412C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0413C	0	0	0	1	0	0	0	0	0	0	4	0	0	0	1	1	0	0	0	0	0	0
LH0414C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0415C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0416C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0417C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0418C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0419C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0420C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0421C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0
LH0422C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	4	0	0	0	0	0	0	0
LH0423C	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0424C	1	0	0	0	3	0	0	0	0	0	4	0	0	0	2	0	1	0	0	0	0	0
LH0425C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0426C	0	0	0	1	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0427C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0428C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	3	0	0	0	0	0	0	0
LH0429C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0431C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0432C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0433C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0434C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
LH0435C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0436C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LH0437C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0438C	1	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0439C	1	0	0	1	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0440C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	1	0	0
LH0441C	1	0	0	1	0	0	0	0	0	0	3	0	0	0	1	1	0	0	0	0	0	0
LH0442C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0443C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0444C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH0445C	1	0	0	1	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH0446C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0447C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0448C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0
LH0449C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0450C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0451C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
LH0452C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0
LH0453C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	2	1	0	0	0	1	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH0454C	61 25 18	153 59 29	4	0	1	4	2	0	0	0	0	0	0	0	0	0	0
LH0455C	61 23 27	153 55 23	4	0	0	4	2	0	1	0	0	0	0	2	0	0	0
LH0456C	61 23 29	153 55 11	4	0	0	4	2	1	1	0	0	0	0	0	0	0	0
LH0457C	61 25 13	153 53 31	4	0	1	4	3	0	1	0	0	0	0	0	0	0	0
LH0458C	61 26 43	153 53 56	4	0	0	4	3	0	1	0	1	0	0	0	0	0	0
LH0459C	61 22 49	153 54 3	0	0	0	0	0	3	0	0	0	0	0	2	0	0	0
LH0460C	61 20 31	153 53 36	0	0	2	4	0	0	1	0	0	0	0	3	0	0	0
LH0461C	61 20 30	153 50 48	0	0	3	2	0	0	0	0	0	0	0	4	0	0	0
LH0462C	61 20 5	153 48 45	0	0	0	0	0	0	1	0	0	0	0	3	0	0	0
LH0463C	61 19 10	153 56 28	0	0	4	0	0	0	0	0	1	0	0	2	0	0	0
LH0464C	61 17 15	153 52 18	0	0	2	4	0	3	1	0	1	0	0	2	0	0	0
LH0465C	61 16 34	153 48 45	0	0	3	4	0	2	0	0	0	0	0	0	0	0	0
LH0466C	61 56 48	153 27 2	0	0	1	4	0	3	1	0	0	0	0	0	0	0	1
LH0467C	61 56 43	153 27 1	0	0	1	3	0	4	0	0	0	0	0	0	0	0	0
LH0468C	61 57 52	153 32 2	0	0	0	4	0	0	1	0	0	0	0	0	0	0	0
LH0469C	61 52 46	153 13 27	3	0	0	4	0	0	0	0	1	0	0	0	0	0	0
LH05C0C	61 47 23	154 4 10	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0
LH0501C	61 45 32	154 2 23	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0
LH0508C	61 35 26	153 16 30	0	0	0	2	0	3	0	1	0	0	1	0	0	1	0
LH0509C	61 37 46	153 15 20	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
LH0510C	61 42 29	153 10 17	0	0	0	4	0	2	1	0	0	0	0	2	0	0	0
LH0511C	61 41 1	153 12 7	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0512C	61 43 7	153 8 28	0	0	0	4	0	0	1	0	0	0	0	0	0	0	0
LH0513C	61 44 51	153 6 8	0	0	2	3	0	3	2	0	0	0	0	2	0	0	0
LH0514C	61 47 48	153 5 10	0	0	0	4	0	2	0	0	1	0	0	0	0	0	0
LH0515C	61 45 50	153 9 27	0	0	0	4	0	1	0	0	1	0	0	0	0	0	0
LH0516C	61 45 39	153 12 33	0	0	0	4	0	2	0	0	0	0	0	2	0	0	1
LH0517C	61 47 23	153 15 53	4	0	0	4	0	4	0	0	0	0	0	0	0	0	0
LH0600C	61 55 11	154 19 52	0	0	0	0	0	4	0	0	0	0	1	0	0	0	1
LH0601C	61 57 54	154 14 26	0	0	0	0	1	4	0	0	0	0	0	2	0	0	0
LH0602C	61 59 39	154 14 12	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0
LH0603C	61 53 33	154 13 41	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
LH0604C	61 50 38	154 8 7	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
LH0605C	61 50 24	154 7 7	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
LH0606C	61 47 12	154 2 34	0	0	0	0	4	5	0	0	0	0	0	0	0	0	0
LH0607C	61 45 26	153 58 53	0	0	0	3	0	4	0	0	0	0	0	1	0	1	0
LH0608C	61 59 23	153 8 59	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
LH0609C	61 58 37	153 9 27	0	0	0	4	0	2	0	0	0	0	0	0	0	0	0
LH0610C	61 56 54	153 9 50	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
LH0611C	61 55 43	153 4 14	0	0	1	4	0	1	0	0	1	0	0	1	0	0	0
LH0612C	61 51 32	153 1 19	0	0	0	5	1	3	0	0	1	0	0	0	3	0	0
LH0613C	61 51 32	153 1 5	0	0	0	4	0	3	0	0	0	0	0	2	0	0	0
LH0614C	61 51 27	153 4 58	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LH0615C	61 47 34	153 9 12	0	0	1	4	0	1	0	0	1	0	0	0	0	0	0
LH0616C	61 36 29	153 45 50	0	0	5	5	0	0	0	0	0	0	0	3	0	0	0
LH0617C	61 36 59	153 48 36	0	0	4	4	0	0	0	0	0	0	0	3	0	0	0
LH0618C	61 36 34	153 48 42	0	0	4	4	0	0	0	0	0	0	0	3	0	0	0
LH0619C	61 34 51	153 47 1	2	0	4	4	0	0	0	0	0	0	0	3	0	0	0
LH0620C	61 31 9	153 45 11	5	0	1	1	0	1	0	0	0	0	0	0	0	0	0
LH0621C	61 32 31	153 50 16	0	0	4	4	0	0	0	0	1	0	0	3	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH0454C	0	0	0	0	0	0	0	0	3	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0455C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	1	0	0
LH0456C	0	0	0	2	0	0	0	0	3	0	0	0	0	3	0	0	4	0	0	0	1	0	0
LH0457C	0	0	0	0	0	0	0	0	2	0	0	0	0	3	0	0	4	0	0	0	1	0	0
LH0458C	0	0	0	0	0	0	0	0	2	0	0	0	0	3	0	1	4	0	0	0	1	0	0
LH0459C	0	0	0	3	0	0	0	0	0	0	0	1	0	0	0	2	4	0	0	0	0	0	0
LH0460C	0	2	0	0	0	0	0	0	0	0	3	0	0	0	0	0	4	0	0	0	1	0	0
LH0461C	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0462C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0
LH0463C	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0
LH0464C	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0465C	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0466C	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0
LH0467C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	1	0
LH0468C	0	0	0	0	1	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0469C	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	1	4	0	0	0	0	0	0
LH0500C	0	0	0	0	4	0	4	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0
LH0501C	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0508C	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0509C	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0510C	0	0	1	3	0	0	0	0	0	0	0	0	0	4	1	0	4	0	0	0	0	0	0
LH0511C	0	0	0	2	3	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0512C	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0513C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	4	0	0	0	0	0	0
LH0514C	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0515C	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0
LH0516C	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0517C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0600C	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0601C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0602C	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0603C	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0604C	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0605C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0606C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0607C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0608C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0609C	0	0	0	0	4	0	0	0	0	0	2	0	0	0	0	0	4	0	0	0	0	0	0
LH0610C	0	0	0	3	4	0	0	0	4	0	0	0	0	3	0	0	2	0	0	0	0	0	0
LH0611C	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	1	0	0
LH0612C	0	0	0	0	4	0	0	0	0	0	2	0	0	0	0	0	4	0	0	0	0	0	0
LH0613C	0	0	4	0	2	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH0614C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
LH0615E	0	0	0	0	2	0	0	0	0	0	1	0	0	2	0	0	2	0	0	0	0	0	0
LH0616C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH0617C	0	0	0	0	0	0	0	0	0	0	0	1	0	4	0	0	4	0	1	0	0	0	0
LH0618C	0	0	0	0	0	0	0	0	0	0	0	2	0	3	0	1	4	0	1	0	0	0	0
LH0619C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	0	0	0
LH0620C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	1	0	0	0	0
LH0621C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2	4	0	0	0	0	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH0454C	1	0	0	0	0	0	0	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0
LH0455C	1	0	0	0	0	0	0	0	0	1	3	0	0	0	1	0	0	0	0	0	0	0
LH0456C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0457C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	1	0	0
LH0458C	0	0	0	0	0	0	0	0	0	1	4	0	0	0	1	0	0	0	0	0	0	0
LH0459C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0460C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0461C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH0462C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0463C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0464C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0465C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0466C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0467C	1	0	0	0	1	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0468C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0469C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0500C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0501C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0508C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0509C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0510C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0
LH0511C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0
LH0512C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0513C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0
LH0514C	1	0	0	0	3	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0
LH0515C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0516C	1	0	0	0	3	0	0	0	0	0	4	0	0	0	5	0	0	0	0	0	0	0
LH0517C	1	0	0	0	1	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH0600C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0601C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0602C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0603C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0604C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0605C	0	0	0	1	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0606C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0607C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	3	0	0	0	0	0	0	0
LH0608C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0609C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0610C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0611C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0612C	0	0	0	0	3	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0613C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0614C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0615C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0616C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0
LH0617C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	3	0	0	0	0	0	0	0
LH0618C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH0619C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH0620C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0621C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH0622C	61 32 5	153 51 10	4	0	5	4	0	1	0	0	1	0	0	2	0	0	0
LH0623C	61 31 50	153 51 16	3	0	5	4	0	0	0	0	0	0	0	3	0	0	0
LH0624C	61 26 53	153 44 1	4	0	1	4	0	0	1	0	0	0	0	0	0	0	0
LH0625C	61 26 25	153 42 7	4	0	0	4	0	0	1	0	0	0	0	2	0	0	0
LH0626C	61 24 26	153 46 1	0	0	0	4	0	0	2	0	1	0	0	0	0	0	0
LH0628C	61 25 14	153 59 19	5	0	0	4	4	0	0	0	0	0	0	0	0	0	0
LH0629C	61 23 31	153 56 59	0	0	4	4	0	0	0	0	1	0	0	3	0	0	0
LH0630C	61 28 56	153 55 58	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LH0631C	61 28 45	153 55 13	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LH0632C	61 28 17	153 54 36	2	0	2	4	0	0	1	0	1	0	0	1	0	0	0
LH0633C	61 22 42	153 54 30	0	0	4	4	0	0	0	0	1	0	0	2	0	0	0
LH0634C	61 21 2	153 51 6	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0
LH0635C	61 17 51	153 50 14	0	0	4	4	0	1	1	0	0	0	0	3	0	0	0
LH0636C	61 17 11	153 53 27	0	0	4	4	0	1	0	0	0	0	0	2	0	0	0
LH0637C	61 17 17	153 53 29	0	0	4	4	0	1	0	0	0	0	0	3	0	0	0
LH0638C	61 18 57	153 43 16	2	0	1	2	0	0	1	0	0	0	0	2	0	0	0
LH0643C	61 56 47	153 26 19	0	0	0	4	0	4	0	0	1	0	0	1	0	0	0
LH0644C	61 57 33	153 30 49	0	0	1	4	0	2	0	0	1	0	0	2	0	0	0
LH0645C	61 57 29	153 30 57	0	0	1	4	0	4	0	0	0	0	0	0	0	0	0
LH0646C	61 51 48	153 11 43	4	0	4	0	1	0	0	0	0	0	0	0	0	0	0
LH0647C	61 51 2	153 15 16	4	0	1	4	0	0	0	0	1	0	0	0	0	0	0
LH0700C	61 44 41	153 14 7	0	0	0	4	0	1	0	0	0	0	0	3	0	0	0
LH0701C	61 46 5	153 5 38	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0
LH0702C	61 49 10	153 2 35	0	0	1	4	0	3	0	0	0	0	0	0	0	0	0
LH0703C	61 49 2	153 2 47	0	0	1	4	0	4	0	0	1	0	0	0	0	0	0
LH0704C	61 46 50	153 10 17	0	0	1	4	0	0	0	0	0	0	0	2	0	0	0
LH0705C	61 45 59	153 13 34	0	0	2	4	0	0	0	0	1	0	0	2	0	0	0
LH0706C	61 47 51	153 19 47	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0800C	61 52 7	153 53 46	0	0	3	5	0	0	0	0	0	0	0	2	0	0	0
LH0801C	61 51 48	153 53 27	0	0	3	4	0	0	1	0	0	0	0	0	0	0	0
LH0802C	61 50 56	153 52 55	0	0	3	0	0	0	0	0	0	0	0	5	0	0	0
LH0803C	61 50 50	153 52 54	0	0	4	0	0	0	0	0	0	0	0	5	0	0	0
LH0804C	61 51 5	154 17 43	0	0	0	2	0	2	0	0	0	0	0	1	0	0	0
LH0805C	61 56 3	153 29 53	0	0	0	4	0	0	0	0	0	0	1	0	0	0	1
LH0819C	61 45 12	153 39 35	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
LH0820C	61 45 14	153 39 10	0	0	0	2	0	4	0	0	0	0	0	0	0	0	0
LH0825C	61 45 52	153 37 32	1	0	0	4	0	1	0	0	0	0	0	2	0	0	0
LH0830C	61 50 28	154 21 13	0	0	0	2	0	1	0	0	0	0	0	3	0	0	0
LH0831C	61 50 39	154 26 4	0	0	0	3	2	4	0	0	0	0	0	1	0	0	0
LH0832C	61 50 45	154 26 4	0	0	0	2	0	4	0	0	0	0	0	2	0	0	0
LH0833C	61 50 34	154 27 31	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
LH0834C	61 50 31	154 28 22	0	0	1	0	0	5	0	0	0	0	0	0	0	0	0
LH0835C	61 48 9	154 28 9	0	0	0	0	1	5	0	0	0	0	0	0	0	0	0
LH0836C	61 48 14	154 28 5	0	0	0	1	0	5	0	0	0	0	0	0	0	0	0
LH0837C	61 22 9	154 1 26	0	0	4	5	0	0	0	0	0	0	0	4	0	0	0
LH0838C	61 22 2	154 2 2	0	0	4	5	0	0	0	0	0	1	0	5	0	0	0
LH0839C	61 19 46	154 0 29	0	0	4	5	0	0	0	0	0	0	0	4	0	0	0
LH0840C	61 19 51	154 0 37	0	0	5	5	0	0	0	0	0	0	0	4	0	0	0
LH0841C	61 18 36	154 13 32	0	0	5	5	0	0	0	0	0	0	0	2	0	0	0
LH0842C	61 15 34	154 16 15	0	0	5	5	0	0	0	0	1	1	0	2	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH0622C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH0623C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	4	0	0	0	0	0	0
LH0624C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0625C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	2	0	0	0	0	0	0
LH0626C	0	0	0	3	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0628C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	2	0	1	0	0	0	0
LH0629C	0	0	0	2	0	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	0	0
LH0630C	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0631C	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	4	0	0	0	0	0	0
LH0632C	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	2	4	0	0	0	0	0
LH0633C	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	4	0	0	0	0	0	0
LH0634C	0	0	0	4	0	0	0	4	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH0635C	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0636C	0	0	0	3	0	0	0	0	0	0	0	0	0	1	0	1	4	0	1	0	0	0	0
LH0637C	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH0638C	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0
LH0643C	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0644C	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0645C	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0
LH0646C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	0	0	0
LH0647C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0700C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0701C	0	0	0	0	0	3	0	0	1	0	0	2	0	4	0	1	4	0	0	0	0	0	0
LH0702C	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0703C	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0
LH0704C	0	0	0	0	3	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0705C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH0706C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0800C	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5	0	4	0	0	0	0
LH0801C	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH0802C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH0803C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH0804C	0	0	0	4	5	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0805C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0819C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	0	0	0	0
LH0820C	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
LH0825C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	2	0	4	0	0	0	0
LH0830C	0	0	0	0	4	0	0	0	1	0	0	0	0	1	0	0	1	0	1	0	0	0	0
LH0831C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH0832C	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0	2	0	1	0	0	0	0
LH0833C	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0834C	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
LH0835C	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
LH0836C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
LH0837C	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	1	0	0	0	0
LH0838C	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	1	0	0
LH0839C	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	3	0	0
LH0840C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	1	0	0
LH0841C	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	1	0	0
LH0842C	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	1	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH0622C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0623C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0
LH0624C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0
LH0625C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0626C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0628C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0629C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH0630C	1	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0
LH0631C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	2	1	0	0	0	0	0	0
LH0632C	1	0	0	1	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0633C	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0
LH0634C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0635C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0636C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0637C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0638C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0
LH0643C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0644C	2	0	0	1	1	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	0	0
LH0645C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0646C	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0647C	0	0	0	0	2	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0700C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0701C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0
LH0702C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0703C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	3	0	0	0	0	0	0	0
LH0704C	1	0	0	0	1	0	1	0	0	0	3	0	0	0	4	0	0	0	0	0	0	0
LH0705C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0
LH0706C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0800C	1	0	0	0	0	0	0	0	0	0	5	0	0	0	5	4	0	0	1	0	0	0
LH0801C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	5	1	0	0	0	0	1	1
LH0802C	1	0	0	1	0	0	1	1	0	2	5	0	0	0	4	0	0	0	2	0	0	0
LH0803C	1	0	0	0	0	0	0	1	0	0	4	0	0	0	3	0	0	0	2	0	0	1
LH0804C	1	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	1
LH0805C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0819C	1	0	0	0	0	0	0	0	0	0	5	0	0	0	4	0	0	0	0	0	0	0
LH0820C	0	0	0	0	1	0	0	0	0	0	5	0	0	0	4	0	0	0	0	0	0	0
LH0825C	0	0	0	0	0	0	0	0	0	0	5	0	0	0	2	0	0	0	0	0	0	0
LH0830C	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0
LH0831C	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LH0832C	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	1	0	0	0	0	0	0
LH0833C	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0
LH0834C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0835C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0836C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0837C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH0838C	1	0	0	0	0	0	0	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0
LH0839C	0	0	0	0	0	0	0	0	0	0	5	0	0	0	2	0	0	0	0	0	0	0
LH0840C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0841C	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0842C	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH0843C	61 15 26	154 16 16	0	0	4	4	0	0	2	0	0	1	0	4	0	0	0
LH0844C	61 16 20	154 21 34	4	0	5	4	0	3	0	0	1	0	0	1	0	0	0
LH0845C	61 14 45	154 20 35	0	0	5	5	0	0	0	0	0	0	0	1	0	0	0
LH0846C	61 15 43	154 10 19	0	0	5	5	0	0	0	0	1	0	0	0	0	0	0
LH0847C	61 15 41	154 10 39	0	0	5	4	0	1	0	0	1	0	0	0	0	0	0
LH0848C	61 15 9	154 12 14	0	0	5	4	0	1	0	0	1	0	0	3	0	0	0
LH0849C	61 14 42	154 11 51	0	0	3	2	0	0	0	0	1	0	0	4	0	0	0
LH0850C	61 12 51	154 16 24	0	0	4	5	1	0	0	0	0	0	0	0	0	0	0
LH0851C	61 11 28	154 18 1	0	0	4	3	0	0	0	0	0	0	4	0	0	0	0
LH0852C	61 9 27	154 19 18	2	0	4	4	0	0	0	0	0	0	0	0	0	0	0
LH0853C	61 9 58	154 14 38	0	0	4	2	0	3	0	0	0	0	0	0	0	0	0
LH0854C	61 9 57	154 15 37	0	0	4	0	0	1	0	0	0	0	2	1	0	0	0
LH0855C	61 9 7	154 8 27	0	0	5	2	0	4	0	0	0	0	2	2	0	0	0
LH0856C	61 9 12	154 8 32	0	0	5	4	0	2	0	0	0	0	0	2	0	0	0
LH0857C	61 5 39	154 10 24	0	0	5	2	0	1	0	0	0	0	2	1	0	0	0
LH0858C	61 5 36	154 10 9	0	0	5	2	0	2	0	0	0	0	2	2	0	0	0
LH0859C	61 8 30	154 2 47	0	0	5	2	0	0	0	0	1	0	0	3	0	0	0
LH0860C	61 10 0	154 2 52	0	0	4	5	0	0	0	0	1	0	0	3	0	0	0
LH0861C	61 12 9	154 4 51	0	0	4	4	0	0	0	0	0	1	0	4	0	0	0
LH0862C	61 14 14	154 5 53	0	0	4	5	0	0	0	0	0	0	0	2	0	0	0
LH0863C	61 14 17	154 6 10	0	0	4	4	0	0	0	0	0	0	0	4	0	0	0
LH0873C	61 16 31	153 57 46	0	0	3	5	0	0	0	0	0	0	0	1	0	0	0
LH0874C	61 16 7	153 59 7	0	0	2	5	0	2	0	0	0	0	0	0	0	0	0
LH0875C	61 16 13	154 0 44	0	0	4	5	0	0	1	0	0	0	0	0	0	0	0
LH0876C	61 15 29	154 1 44	0	0	4	5	0	0	1	0	0	0	0	3	0	0	0
LH0877C	61 14 53	154 0 12	0	0	4	4	0	0	1	0	0	0	0	0	0	0	0
LH0878C	61 12 43	153 59 50	4	0	4	2	0	1	2	0	0	0	0	0	0	0	0
LH0879C	61 10 45	153 58 56	0	0	4	3	0	0	2	0	1	0	0	0	0	0	0
LH0880C	61 12 33	153 56 1	4	0	4	4	0	0	0	0	1	0	0	0	0	0	0
LH0881C	61 13 53	153 54 43	1	0	1	4	0	1	0	0	0	0	0	0	0	0	0
LH0882C	61 14 53	153 53 9	2	0	4	5	0	2	1	0	0	0	0	0	0	0	0
LH0883C	61 14 39	153 43 55	0	0	2	4	0	2	2	0	0	0	0	0	0	0	0
LH0884C	61 12 7	153 46 21	0	0	2	4	0	2	0	0	0	0	0	0	0	0	0
LH0886C	61 12 37	153 40 9	4	0	0	3	0	2	0	0	0	0	0	0	0	0	0
LH0887C	61 14 5	153 36 59	0	0	1	4	0	0	2	0	0	0	0	0	0	0	0
LH0888C	61 16 2	153 34 37	0	0	0	3	0	2	0	0	0	0	0	0	0	0	0
LH0889C	61 18 57	153 28 6	0	0	1	0	4	0	0	0	1	0	0	0	0	0	0
LH0890C	61 19 56	153 26 15	0	0	2	2	0	4	0	0	1	0	0	4	0	0	0
LH0891C	61 20 48	153 25 39	0	0	1	2	0	0	0	2	0	0	0	0	0	0	0
LH0892C	61 21 19	153 24 45	0	0	4	1	0	0	0	0	1	0	4	3	0	0	0
LH0893C	61 21 20	153 23 44	0	0	0	3	0	0	0	0	0	0	4	0	0	0	0
LH0894C	61 20 58	153 23 40	0	0	0	0	0	0	0	0	0	0	4	3	0	0	0
LH0895C	61 20 28	153 25 31	0	0	2	3	0	0	0	0	0	0	4	0	0	0	0
LH0896C	61 19 57	153 19 10	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
LH0897C	61 19 33	153 21 18	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
LH0898C	61 18 37	153 26 8	0	0	0	3	0	0	0	0	0	0	4	2	0	0	0
LH0899C	61 17 48	153 30 34	0	0	1	3	0	0	0	0	0	0	4	2	0	0	0
LH0900C	61 51 2	153 53 41	0	0	1	2	0	0	1	0	0	0	0	4	0	0	0
LH0901C	61 51 46	154 0 18	0	0	0	2	2	3	0	0	0	0	0	2	0	0	0
LH0902C	61 51 51	154 0 44	0	0	0	2	4	0	0	0	0	0	0	4	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH0843C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	0	0
LH0844C	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0
LH0845C	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0
LH0846C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	0	0
LH0847C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4	0	2	0	0	0	0
LH0848C	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4	0	2	0	0	0	0
LH0849C	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	0	1	0	0	0	0
LH0850C	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	4	0	0	0	0	0	0
LH0851C	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH0852C	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	4	0	0	0	0	0	0
LH0853C	0	0	0	0	1	0	0	0	4	0	1	0	0	0	0	0	4	0	1	0	0	0	0
LH0854C	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0855C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0
LH0856C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0857C	0	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0	4	0	0	0	0	0	0
LH0858C	0	0	0	0	4	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH0859C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	1	0	0
LH0860C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH0861C	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0862C	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH0863C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH0873C	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	3	2	0	0	0	0	0	0
LH0874C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0
LH0875C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0
LH0876C	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	1	0	0	0	0
LH0877C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	2	4	0	1	0	0	0	0
LH0878C	0	0	0	0	0	4	0	0	4	0	1	0	0	4	0	2	4	0	0	0	0	0	0
LH0879C	0	0	0	0	0	0	0	0	4	0	0	0	0	3	0	0	3	0	1	0	0	0	0
LH0880C	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0881C	0	0	0	0	4	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	0	0
LH0882C	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	1	4	0	0	0	0	0	0
LH0883C	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	4	0	1	0	0	0	0
LH0884C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	4	0	3	0	0	0	0
LH0886C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	3	0	1	0	0	0	0
LH0887C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	5	0	0	0	0	0	0
LH0888C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	4	0	1	0	0	0	0
LH0889C	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	4	0	1	0	0	0	0
LH0890C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	4	0	1	0	0	0	0
LH0891C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	4	0	0	0	0	0	0
LH0892C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	1	0	0	0	0
LH0893C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH0894C	0	0	0	3	0	0	0	0	0	0	0	0	0	1	0	0	4	0	2	0	0	0	0
LH0895C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH0896C	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0897C	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0898C	0	0	0	4	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	0	0	0
LH0899C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH0900C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH0901C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	2	3	0	1	0	0	0	0
LH0902C	0	0	0	5	4	0	0	0	0	0	0	0	0	2	0	0	3	0	1	0	0	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH0843C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0844C	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LH0845C	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0846C	0	0	0	0	1	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH0847C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0848C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0849C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0850C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0851C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0852C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0853C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0854C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0855C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0
LH0856C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0857C	0	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0858C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0859C	0	0	0	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0860C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0861C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0862C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0863C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0873C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0874C	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0875C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0876C	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0877C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0878C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0879C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0880C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0881C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0882C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0883C	1	0	0	0	2	0	1	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH0884C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0886C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0887C	1	1	0	0	0	0	0	0	0	1	2	0	0	0	4	0	0	0	0	0	0	0
LH0888C	1	0	0	0	0	0	1	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0889C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	1	0	0	0	0	0	0
LH0890C	1	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0891C	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0892C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0893C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0894C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0895C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0896C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH0897C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0898C	0	0	0	0	0	0	1	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH0899C	1	0	0	0	0	0	0	0	1	0	4	0	0	0	2	0	0	0	0	0	0	1
LH0900C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	3	0	0	0	1	0	0	0
LH0901C	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0
LH0902C	1	0	0	1	1	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH0903C	61 48 4	153 58 1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0904C	61 47 41	153 57 3	0	0	4	2	0	0	2	0	0	0	0	4	0	0	0
LH0905C	61 43 37	154 0 13	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
LH0906C	61 43 42	153 59 58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0907C	61 43 38	153 58 57	2	0	0	4	0	1	0	0	0	0	0	0	0	0	0
LH0908C	61 42 41	153 57 0	0	0	4	5	0	0	1	0	0	0	0	0	0	0	0
LH0909C	61 42 41	153 57 0	0	0	4	5	0	0	0	0	0	0	0	0	0	0	0
LH0910C	61 41 37	153 56 59	0	0	4	5	0	0	0	0	0	0	0	0	0	0	0
LH0911C	61 37 28	153 53 33	0	0	5	5	0	0	0	0	0	0	0	2	0	0	0
LH0912C	61 23 7	154 4 29	0	0	5	5	0	0	0	0	0	0	0	4	0	0	0
LH0913C	61 23 43	154 11 5	0	0	4	2	0	0	0	0	0	0	0	5	0	0	0
LH0914C	61 22 19	154 9 33	0	0	5	5	0	0	0	0	0	0	0	3	0	0	0
LH0915C	61 19 32	154 2 44	0	0	4	5	0	0	0	0	1	0	0	0	0	0	0
LH0916C	61 19 24	154 4 19	0	0	4	5	0	0	0	0	0	0	0	4	0	0	0
LH0917C	61 19 18	154 5 16	0	0	4	4	0	0	0	0	0	0	0	5	0	0	0
LH0918C	61 18 48	154 7 32	0	0	5	4	0	0	0	0	0	0	0	3	0	0	0
LH0919C	61 20 14	154 9 1	0	0	4	2	0	0	0	0	0	0	0	5	0	0	0
LH0920C	61 24 43	154 12 37	0	0	4	5	0	0	2	0	0	0	0	5	0	0	0
LH0921C	61 27 16	154 5 31	0	0	5	0	0	0	1	0	0	0	0	4	0	0	0
LH0922C	61 27 46	154 8 7	0	0	4	5	0	0	0	0	0	0	0	4	0	0	0
LH0923C	61 28 40	154 10 29	0	0	4	5	0	0	1	0	0	0	0	5	0	0	0
LH0924C	61 28 3	154 10 40	0	0	4	0	0	0	2	0	0	0	0	4	0	0	0
LH0925C	61 29 1	154 11 43	0	0	4	2	0	0	2	0	0	0	0	5	0	0	0
LH0926C	61 26 29	154 9 29	0	0	5	0	0	0	0	0	0	0	0	5	0	0	0
LH0927C	61 27 37	154 13 28	2	0	4	0	0	0	0	0	0	0	0	5	0	0	0
LH0929C	61 25 33	154 16 15	0	0	4	2	0	0	1	0	0	0	0	5	0	0	0
LH0930C	61 24 20	154 17 49	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0
LH0931C	61 23 58	154 21 11	0	0	2	1	0	1	0	0	1	0	0	0	0	0	0
LH0932C	61 22 25	154 22 45	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0
LH0933C	61 22 34	154 25 35	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0
LH0934C	61 20 25	154 23 36	0	0	5	1	0	0	0	0	0	0	0	1	0	0	0
LH0935C	61 18 7	154 14 30	0	0	5	4	0	0	0	0	0	0	0	0	0	0	0
LH0936C	61 47 11	154 19 30	0	0	2	4	0	0	0	0	0	0	0	3	0	0	0
LH0937C	61 47 30	154 22 34	0	0	0	0	4	4	0	0	0	0	0	4	0	0	0
LH0938C	61 46 51	154 25 25	0	0	0	0	4	5	0	0	0	0	0	1	0	0	0
LH0939C	61 44 19	154 29 55	4	0	0	4	1	0	0	0	0	0	1	0	0	0	0
LH0940C	61 44 29	154 24 30	4	0	0	3	0	4	0	0	0	0	0	2	0	0	0
LH0941C	61 16 39	153 57 50	0	0	4	5	0	0	1	0	0	0	1	2	0	0	3
LH0942C	61 16 23	154 0 28	0	0	4	5	0	0	0	0	0	0	0	0	0	0	0
LH0943C	61 13 9	154 1 35	0	0	4	5	0	1	0	0	0	0	0	2	0	0	0
LH0944C	61 17 14	153 40 58	0	0	5	4	0	0	0	0	0	0	0	0	0	0	0
LH0945C	61 19 22	153 21 30	0	0	4	0	0	0	1	0	0	0	2	2	0	0	0
LH0946C	61 18 39	153 25 51	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0
LH0947C	61 17 20	153 31 34	0	0	0	2	0	0	0	0	1	0	2	2	0	0	0
LH0948C	61 59 34	154 49 9	0	0	1	1	4	4	0	0	0	0	0	2	0	0	0
LH0949C	61 57 3	154 51 29	0	0	0	0	3	2	0	0	0	0	4	0	0	0	0
LH0950C	61 56 37	154 52 9	0	0	1	0	2	4	0	0	0	0	4	0	0	0	0
LH0951C	61 56 41	154 42 53	0	0	1	0	0	5	0	0	0	0	0	0	0	0	0
LH0952C	61 56 26	154 43 18	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
LH0953C	61 15 39	153 33 56	0	0	0	2	0	0	0	0	0	0	4	2	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH0903C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	1	0	0
LH0904C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	0	0
LH0905C	0	0	0	3	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0906C	0	0	0	5	4	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0907C	0	0	0	0	5	0	0	0	0	0	0	0	0	3	0	0	2	0	1	0	0	0	0
LH0908C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH0909C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH0910C	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	0	0
LH0911C	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	0	0
LH0912C	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	0	0
LH0913C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	0	0
LH0914C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	0	0
LH0915C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	0	0	0
LH0916C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	0	0
LH0917C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0918C	0	2	0	0	0	0	0	0	0	0	0	0	0	5	0	3	5	0	1	0	0	0	0
LH0919C	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH0920C	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	1	4	0	0	0	0	0	0
LH0921C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0
LH0922C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH0923C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	5	0	1	0	0	0	0
LH0924C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	5	0	1	0	0	0	0
LH0925C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0
LH0926C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH0927C	0	0	0	0	2	0	0	0	0	0	0	0	0	4	0	0	5	0	1	0	0	0	0
LH0929C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	4	0	0	0	0	0	0
LH0930C	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	4	1	0	0	0	0	0	0
LH0931C	0	1	0	0	4	0	0	0	1	0	0	0	0	0	0	2	1	0	1	0	0	1	0
LH0932C	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	1	3	0	0	0	0	0	0
LH0933C	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH0934C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0
LH0935C	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0
LH0936C	0	0	0	0	0	4	0	0	0	0	0	0	0	4	0	0	2	0	0	0	0	0	0
LH0937C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0938C	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0939C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0940C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH0941C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0
LH0942C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	5	0	0	0	0	0	0
LH0943C	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0944C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0945C	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	4	0	0	0	0	0	0
LH0946C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0947C	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0948C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0949C	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH0950C	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH0951C	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH0952C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0953C	0	0	0	4	0	0	1	4	0	0	2	0	0	0	0	0	4	0	0	0	0	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH0903C	1	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0
LH0904C	0	0	0	2	0	0	1	0	0	1	4	0	0	0	3	1	0	0	0	0	0	1
LH0905C	0	0	0	1	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LH0906C	1	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0907C	0	0	0	0	0	0	0	0	0	0	5	0	0	0	4	0	0	0	0	0	0	0
LH0908C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH0909C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0910C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0911C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH0912C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	1	0	0	0	0	0	0
LH0913C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0914C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0915C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0916C	1	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0
LH0917C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0918C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0919C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0920C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0921C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0922C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0923C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH0924C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0925C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0926C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0927C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0929C	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0930C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0931C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0932C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0933C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0934C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0935C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0936C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH0937C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0938C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0939C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0940C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0
LH0941C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0942C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0943C	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0944C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0945C	4	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH0946C	2	0	0	1	0	0	0	0	0	0	5	0	0	0	1	1	0	0	0	0	0	0
LH0947C	1	0	0	0	0	0	0	0	0	1	4	0	0	0	3	0	0	0	0	0	0	0
LH0948C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0949C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0950C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0951C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0952C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0953C	1	0	0	0	0	0	0	0	0	1	3	0	0	0	2	0	0	0	0	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH0954C	61 14 24	153 34 48	0	0	0	2	0	0	0	0	0	0	4	2	0	0	0
LH0955C	61 14 14	153 27 43	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0956C	61 12 15	153 27 34	0	0	0	1	0	0	0	0	0	0	3	0	0	0	0
LH0957C	61 11 46	153 24 41	0	0	0	4	0	0	0	0	0	0	2	0	0	0	0
LH0958C	61 10 1	153 25 5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0959C	61 9 34	153 24 56	0	0	2	4	0	0	0	0	0	0	2	0	0	0	0
LH0960C	61 10 43	153 30 21	0	0	1	0	0	2	0	0	0	0	4	0	0	0	0
LH0961C	61 11 27	153 34 34	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0962C	61 11 0	153 38 45	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0
LH0963C	61 54 34	154 42 48	0	0	0	3	0	5	0	0	0	0	0	0	0	0	0
LH0964C	61 52 35	154 48 33	0	0	0	4	3	2	0	0	0	0	0	0	0	0	0
LH0965C	61 51 10	154 47 29	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
LH0966C	61 50 41	154 48 22	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
LH0967C	61 49 17	154 47 43	0	0	0	0	0	4	0	0	0	0	0	0	0	0	3
LH0968C	61 47 57	154 51 51	0	0	1	0	0	4	0	0	0	0	0	0	0	0	0
LH0969C	61 48 17	154 43 34	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
LH0970C	61 49 7	154 43 49	0	0	1	1	0	1	0	0	1	0	0	0	0	0	0
LH0971C	61 5 47	153 36 21	0	0	0	4	0	1	1	0	0	0	0	0	0	0	0
LH0972C	61 5 8	153 29 18	0	0	0	2	0	1	0	0	0	0	0	1	0	0	0
LH0973C	61 5 1	153 28 52	0	0	1	4	0	0	1	0	0	0	0	0	0	0	0
LH0974C	61 5 33	153 31 25	0	0	0	3	0	0	3	0	1	0	0	0	0	0	0
LH0975C	61 5 19	153 32 31	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0976C	61 3 12	153 34 48	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
LH0977C	61 1 30	153 32 42	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
LH0978C	61 0 2	153 33 29	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
LH0979C	61 0 58	153 28 9	0	0	1	4	0	4	0	0	0	0	0	0	0	0	0
LH0980C	61 2 12	153 23 36	0	0	1	4	0	0	1	0	0	0	0	0	0	0	0
LH0981C	61 2 16	153 23 51	0	0	1	2	0	3	0	0	0	0	0	0	0	0	0
LH0982C	61 2 53	153 21 34	0	0	0	4	0	3	0	0	0	0	0	0	0	0	0
LH0983C	61 51 40	154 38 43	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0
LH0984C	61 54 13	154 55 48	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0
LH0985C	61 57 30	154 59 29	0	0	4	0	0	2	0	0	0	0	0	0	0	0	0
LH0986C	61 55 42	155 1 2	0	0	4	3	0	2	0	0	0	0	1	0	0	0	0
LH0987C	61 52 45	155 4 42	0	0	4	4	0	0	0	0	0	0	2	0	0	0	0
LH0988C	61 53 18	154 57 12	0	0	1	1	0	3	0	0	0	0	1	0	0	0	0
LH0989C	61 50 45	155 0 10	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
LH0990C	61 49 55	155 3 26	0	0	1	2	0	3	0	0	0	0	0	0	0	0	0
LH0991C	61 48 11	155 3 56	0	0	0	2	0	3	0	0	0	0	1	0	0	0	0
LH0992C	61 46 29	155 5 15	0	0	0	1	1	3	0	0	0	0	0	0	0	0	0
LH0993C	61 47 2	154 55 10	0	0	1	2	0	4	0	0	0	0	0	0	0	0	0
LH0994C	61 42 23	154 59 39	0	0	0	2	0	4	0	0	0	0	0	0	0	0	0
LH0995C	61 41 0	154 55 5	0	0	0	0	0	5	0	0	0	0	1	0	0	0	0
LH0996C	61 39 21	154 59 6	0	0	0	2	0	5	0	0	0	0	1	0	0	0	0
LH0997C	61 36 28	154 56 47	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0
LH0998C	61 36 33	154 54 17	0	0	0	3	0	0	0	0	1	0	2	0	0	0	0
LH0999C	61 40 17	154 47 46	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0
LH1000C	61 52 1	153 56 0	0	0	2	3	0	1	0	0	0	0	0	4	0	0	0
LH1001C	61 52 2	153 56 33	0	0	0	4	0	0	0	0	0	0	0	4	0	0	0
LH1002C	61 48 53	153 58 31	0	0	2	3	0	0	0	0	0	0	0	5	0	0	0
LH1003C	61 48 28	153 57 54	0	0	4	1	0	0	0	0	0	0	0	4	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH0954C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH0955C	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	4	0	1	0	0	0	0
LH0956C	0	0	0	4	0	0	0	0	0	0	1	0	0	2	0	0	4	0	0	0	0	0	0
LH0957C	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	5	0	0	0	0	0	0
LH0958C	0	0	0	4	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH0959C	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	5	0	0	0	0	0	0
LH0960C	0	0	0	0	0	0	4	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0961C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	3	4	0	0	0	0	0	0
LH0962C	0	0	0	5	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH0963C	0	0	0	0	3	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0964C	0	0	0	0	0	0	0	0	4	0	0	0	0	4	0	0	3	0	0	0	0	0	0
LH0965C	0	0	0	0	0	0	0	0	4	0	0	0	0	2	0	0	1	0	0	0	0	0	0
LH0966C	0	0	0	0	0	0	0	0	4	0	0	0	0	4	0	0	2	0	1	0	0	0	0
LH0967C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	2	0	0	0	0	0	0
LH0968C	0	0	0	0	0	0	0	0	4	0	0	0	0	2	0	0	0	0	0	0	0	0	0
LH0969C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0970C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	1	4	0	0	0	0	0	0
LH0971C	0	0	0	4	2	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0972C	0	0	0	0	0	0	4	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0973C	0	0	0	0	0	0	3	0	0	0	0	0	0	3	0	0	4	0	1	0	0	0	0
LH0974C	0	0	0	3	0	0	0	0	0	0	1	0	0	2	0	0	4	0	0	0	1	0	0
LH0975C	0	0	0	4	0	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0976C	0	0	0	4	0	0	0	0	0	0	2	0	0	4	0	0	4	0	0	0	0	0	0
LH0977C	0	0	0	4	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
LH0978C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0979C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0980C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0981C	0	0	0	0	4	0	0	4	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0982C	0	0	0	0	4	0	0	4	0	0	0	0	0	4	0	0	1	0	0	0	0	0	0
LH0983C	0	0	0	4	0	0	0	4	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH0984C	0	0	0	0	0	0	0	4	1	0	1	0	0	0	0	0	3	0	0	0	0	0	0
LH0985C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	1	0	0	0	0
LH0986C	0	0	0	0	4	0	0	1	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH0987C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH0988C	0	0	0	0	0	0	0	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0
LH0989C	1	0	0	0	0	0	0	0	3	0	0	0	0	1	0	0	2	0	0	0	0	0	0
LH0990C	0	0	0	0	4	0	0	4	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0
LH0991C	0	0	0	0	0	0	0	4	3	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH0992C	0	0	0	0	0	0	0	4	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0
LH0993C	0	0	0	0	0	0	0	4	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0
LH0994C	0	0	0	0	0	0	0	4	0	0	0	0	0	4	0	0	4	0	0	0	0	1	0
LH0995C	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0
LH0996C	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH0997C	0	0	0	0	4	0	0	0	0	0	1	0	0	4	0	0	5	0	0	0	0	0	0
LH0998C	0	0	0	0	4	0	0	0	0	0	1	0	0	4	0	0	5	0	0	0	0	0	0
LH0999C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	5	0	0	0	0	1	0
LH1000C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH1001C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	0	1	0	0	0	0
LH1002C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	0
LH1003C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	5	0	0	0	0	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH0954C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH0955C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0
LH0956C	0	0	0	0	0	0	0	0	0	2	4	0	0	0	1	0	0	0	0	0	0	0
LH0957C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0
LH0958C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0
LH0959C	0	0	0	0	0	0	0	0	2	0	2	0	0	0	4	0	0	0	0	0	0	0
LH0960C	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH0961C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
LH0962C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH0963C	1	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0964C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH0965C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0966C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0967C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0968C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0969C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0
LH0970C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0971C	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0972C	1	0	0	1	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0973C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0974C	0	1	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0975C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0976C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0977C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0
LH0978C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0979C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0980C	0	1	0	0	0	0	0	0	0	0	4	0	0	0	3	0	0	0	0	0	0	0
LH0981C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH0982C	0	0	0	0	1	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH0983C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
LH0984C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0985C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0986C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH0987C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0988C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0989C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0990C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH0991C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH0992C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0993C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0994C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH0995C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH0996C	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0
LH0997C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH0998C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH0999C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH1000C	2	0	0	2	0	0	0	0	0	0	4	0	0	0	1	1	0	1	1	0	0	0
LH1001C	1	0	0	2	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH1002C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	2	0	0	0	2	0	0	1
LH1003C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	4	1	0	0	3	0	0	4

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH1004C	61 44 49	153 57 26	0	0	3	2	0	0	1	0	0	0	0	4	0	0	0
LH1005C	61 44 59	153 57 24	0	0	5	1	0	1	0	0	0	0	0	5	0	0	0
LH1006C	61 43 13	153 57 14	0	0	2	4	0	0	0	0	0	0	0	4	0	0	0
LH1007C	61 43 2	153 56 34	0	0	4	5	0	0	0	0	0	0	0	4	0	0	0
LH1008C	61 42 59	153 58 8	1	0	0	2	0	0	0	0	0	0	0	2	0	0	0
LH1009C	61 41 30	153 57 25	4	0	4	3	0	0	1	0	0	0	0	3	0	0	0
LH1010C	61 38 35	153 53 5	0	0	4	5	0	0	0	0	0	0	0	2	0	0	0
LH1011C	61 38 32	153 52 56	0	0	5	4	0	0	1	0	1	0	0	2	0	0	0
LH1012C	61 37 53	153 53 20	0	0	4	4	0	0	2	0	0	0	0	3	0	0	0
LH1013C	61 37 40	153 53 24	0	0	4	4	0	0	0	0	0	0	0	2	0	0	0
LH1014C	61 36 43	153 59 39	4	0	2	2	0	0	0	0	0	0	0	0	0	0	0
LH1015C	61 36 24	153 59 51	5	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1016C	61 35 8	153 56 46	0	0	5	5	0	0	0	0	0	0	0	1	0	0	0
LH1017C	61 34 22	153 57 42	4	0	4	5	0	0	0	0	0	0	0	0	0	0	0
LH1018C	61 41 13	154 3 3	0	0	0	1	0	3	0	0	0	0	0	1	0	0	0
LH1019C	61 40 28	154 4 13	0	0	4	2	0	0	0	0	0	0	0	4	0	0	0
LH1020C	61 49 43	154 14 4	3	0	0	4	0	3	1	0	0	0	0	4	0	0	0
LH1021C	61 46 51	154 9 57	0	0	4	3	0	4	0	0	0	0	0	4	0	0	0
LH1022C	61 46 25	154 11 37	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0
LH1023C	61 46 19	154 8 53	0	0	1	2	0	0	0	0	0	0	0	4	0	0	0
LH1024C	61 45 25	154 8 43	0	0	0	2	0	0	1	0	0	0	0	5	0	0	0
LH1025C	61 42 58	154 8 31	0	0	4	3	0	0	0	0	0	0	0	4	0	0	0
LH1026C	61 42 59	154 8 53	0	0	4	3	0	0	3	0	0	0	0	4	0	0	0
LH1027C	61 40 25	154 4 58	0	0	4	1	0	0	0	0	0	0	0	4	0	0	0
LH1028C	61 38 42	154 5 39	0	0	4	4	0	0	0	0	0	0	0	4	0	0	0
LH1029C	61 37 37	154 5 22	0	0	2	4	0	0	1	0	0	0	0	1	0	0	0
LH1030C	61 34 51	154 3 15	5	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1031C	61 33 33	154 5 24	3	0	0	5	0	0	1	0	0	0	0	0	0	0	0
LH1032C	61 31 49	154 1 21	1	0	2	5	0	0	1	0	0	0	0	1	0	0	0
LH1033C	61 31 27	154 2 3	0	0	1	5	0	0	2	0	0	0	0	0	0	0	0
LH1034C	61 30 21	154 0 7	0	0	0	5	0	2	0	0	0	0	0	3	0	0	0
LH1035C	61 31 22	154 6 4	0	0	0	5	0	0	4	0	0	0	0	1	0	0	0
LH1036C	61 31 3	154 8 9	0	0	2	5	0	0	4	0	0	0	0	2	0	0	0
LH1037C	61 29 52	154 5 37	0	0	1	5	0	0	3	0	0	0	0	2	0	0	0
LH1038C	61 52 46	154 26 42	0	0	0	2	4	4	0	0	0	0	2	0	0	0	3
LH1039C	61 51 6	154 28 49	0	0	0	1	4	5	0	0	0	0	2	0	0	0	3
LH1040C	61 49 8	154 29 55	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
LH1041C	61 46 43	154 19 22	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
LH1042C	61 45 45	154 27 46	0	0	0	2	0	5	0	0	0	0	0	0	0	0	0
LH1043C	61 46 26	154 29 41	0	0	0	2	0	5	0	0	0	0	0	0	0	0	0
LH1044C	61 44 49	154 22 47	3	0	2	1	0	4	0	0	0	0	2	0	0	0	0
LH1045C	61 25 27	154 3 33	0	0	4	4	0	0	4	0	0	0	0	4	0	0	0
LH1046C	61 19 25	154 1 36	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0
LH1047C	61 16 58	154 17 54	0	0	4	4	0	0	1	0	1	0	3	0	0	0	0
LH1048C	61 15 45	154 17 19	0	0	4	5	0	0	3	0	0	0	0	0	0	0	0
LH1049C	61 17 37	154 20 6	4	0	4	4	0	0	0	0	0	0	0	0	0	0	0
LH1050C	61 13 2	154 20 55	0	0	4	5	0	0	0	0	0	0	0	0	0	0	0
LH1051C	61 43 32	154 19 39	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1052C	61 41 56	154 22 56	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH1053C	61 40 58	154 18 21	4	0	0	1	0	0	1	0	0	0	0	0	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH1004C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	0
LH1005C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH1006C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH1007C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH1008C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0
LH1009C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH1010C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH1011C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	0	0
LH1012C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	1	0	0	0	0
LH1013C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	0	0
LH1014C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0
LH1015C	0	0	0	0	4	0	0	0	0	0	0	0	0	1	0	0	2	0	1	0	0	0	0
LH1016C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH1017C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH1018C	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
LH1019C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	0	0
LH1020C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	0	0
LH1021C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH1022C	0	0	0	0	4	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH1023C	0	0	0	0	3	0	2	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1024C	0	0	0	0	2	0	0	3	0	0	0	0	0	0	0	4	5	0	1	0	0	0	0
LH1025C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	0	0
LH1026C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	0	0	0	0	0
LH1027C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	0	0
LH1028C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	0	0
LH1029C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	0
LH1030C	0	0	0	0	4	0	0	0	0	0	0	0	0	2	0	0	1	0	1	0	0	0	0
LH1031C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0
LH1032C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1033C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH1034C	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	4	0	1	0	0	0	0
LH1035C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH1036C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH1037C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	5	0	0	0	0	0	0
LH1038C	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0
LH1039C	0	0	0	0	4	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH1040C	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0	0	2	0	1	0	0	0	0
LH1041C	0	0	0	0	4	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0
LH1042C	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH1043C	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH1044C	0	0	0	0	5	0	0	0	0	0	0	0	0	2	0	1	3	0	0	0	0	0	0
LH1045C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	4	0	0	0	0	0	0
LH1046C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	0	0	0	0	0
LH1047C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH1048C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH1049C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0
LH1050C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0
LH1051C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4	0	0	0	0	0	0
LH1052C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4	3	0	0	0	0	0	0
LH1053C	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	3	0	1	0	0	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH1004C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	1
LH1005C	0	0	0	1	0	0	0	0	0	0	4	0	0	0	4	0	0	0	2	0	0	1
LH1006C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH1007C	2	0	0	3	0	0	0	0	0	0	5	0	0	0	4	0	0	0	0	0	0	0
LH1008C	2	0	0	0	0	0	0	0	0	0	5	0	0	0	4	0	0	0	0	0	0	0
LH1009C	2	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH1010C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0
LH1011C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0
LH1012C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH1013C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH1014C	1	0	0	0	0	0	0	0	0	0	5	0	0	0	3	0	0	0	0	0	0	0
LH1015C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH1016C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH1017C	2	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0
LH1018C	1	0	0	0	0	0	0	0	0	0	5	0	0	0	2	0	0	0	0	0	0	0
LH1019C	2	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH1020C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1021C	1	0	0	1	0	0	0	0	0	0	5	0	0	0	2	0	0	0	0	0	0	0
LH1022C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	1	0
LH1023C	1	0	0	0	0	0	1	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0
LH1024C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1025C	0	0	0	1	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0
LH1026C	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1027C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH1028C	0	0	0	1	0	0	0	0	0	1	4	0	0	0	2	0	0	0	0	0	0	0
LH1029C	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0
LH1030C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1031C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1032C	1	0	0	0	0	0	0	0	0	1	4	0	0	0	1	0	0	0	0	0	0	0
LH1033C	1	0	0	2	0	0	0	0	0	1	5	0	0	0	2	1	0	0	0	0	0	0
LH1034C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH1035C	0	0	0	0	0	0	0	0	0	1	3	0	0	0	2	0	0	0	0	0	0	0
LH1036C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1037C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1038C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1039C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1040C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1041C	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0
LH1042C	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0
LH1043C	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0
LH1044C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1045C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1046C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH1047C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1048C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH1049C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1050C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1051C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1052C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1053C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH1054C	61 39 11	154 13 29	0	0	3	3	0	0	0	0	0	0	0	5	0	0	0
LH1055C	61 40 21	154 16 45	0	0	4	3	0	0	2	0	0	0	2	2	0	0	0
LH1056C	61 39 41	154 20 41	0	4	0	0	0	0	2	0	0	0	2	2	0	0	0
LH1057C	61 35 29	154 18 15	0	0	2	1	0	0	0	0	0	0	0	5	0	0	0
LH1058C	61 36 31	154 16 32	0	0	0	4	0	0	3	0	0	0	0	4	0	0	0
LH1059C	61 36 33	154 16 15	0	0	3	3	0	0	0	0	0	0	0	5	0	0	0
LH1060C	61 35 41	154 11 31	0	0	3	3	0	0	1	0	0	0	0	4	0	0	0
LH1061C	61 33 8	154 11 44	0	0	2	3	0	2	0	0	0	0	0	4	0	0	0
LH1062C	61 33 4	154 11 55	0	0	3	4	0	0	0	0	0	0	0	4	0	0	0
LH1063C	61 33 1	154 18 3	0	0	4	3	0	0	0	0	0	0	0	4	0	0	0
LH1064C	61 33 30	154 20 28	0	0	4	2	0	0	0	0	0	0	1	0	0	0	0
LH1065C	61 30 55	154 19 21	0	0	4	2	0	2	0	0	0	0	0	0	0	0	0
LH1066C	61 30 43	154 20 21	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0
LH1067C	61 11 30	154 12 49	0	0	4	5	0	1	0	0	0	0	0	4	0	0	0
LH1068C	61 11 26	154 5 54	0	0	4	5	0	1	0	0	0	0	1	3	0	0	0
LH1069C	61 13 11	154 6 13	0	0	4	5	0	1	1	0	0	0	0	2	0	0	0
LH1100C	61 38 20	153 53 44	0	0	4	5	0	0	1	0	0	0	0	0	0	0	0
LH1101C	61 37 32	153 54 23	0	0	5	4	0	0	0	0	0	0	0	0	0	0	0
LH1102C	61 37 52	153 56 3	5	0	4	4	0	0	0	0	0	0	0	0	0	0	0
LH1103C	61 35 25	153 55 22	4	0	5	4	0	0	0	0	0	0	0	2	0	0	0
LH1104C	61 35 14	153 55 26	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0
LH1105C	61 34 15	153 57 18	0	0	2	5	0	0	1	0	0	0	0	0	0	0	0
LH1106C	61 41 1	154 2 29	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
LH1107C	61 40 58	154 2 25	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
LH1108C	61 48 41	154 13 28	0	0	0	1	0	0	0	0	0	0	0	5	0	0	0
LH1109C	61 48 32	154 11 51	0	0	1	2	0	2	0	0	0	0	0	4	0	0	0
LH1110C	61 46 28	154 12 58	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0
LH1111C	61 46 15	154 11 17	0	0	4	4	0	0	0	0	0	0	0	4	0	0	0
LH1112C	61 45 11	154 10 15	0	0	2	4	0	0	2	0	0	0	0	0	0	0	0
LH1113C	61 43 17	154 9 22	0	0	4	4	0	0	2	0	0	0	0	2	0	0	0
LH1114C	61 42 53	154 7 37	0	0	4	4	0	0	1	0	0	0	0	5	0	0	0
LH1115C	61 38 39	154 4 55	0	0	2	1	3	0	0	0	0	0	0	2	0	0	0
LH1116C	61 39 2	154 7 30	0	0	3	4	0	0	1	0	0	0	0	0	1	0	0
LH1117C	61 36 30	154 3 0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1118C	61 35 41	154 3 56	2	0	2	5	0	0	0	0	0	0	0	0	0	0	0
LH1119C	61 32 50	154 2 37	5	0	0	5	0	0	1	0	0	0	0	1	0	0	0
LH1120C	61 32 16	154 2 52	0	0	0	5	2	0	0	0	0	0	0	1	0	0	0
LH1121C	61 30 31	153 59 3	0	0	1	5	2	0	2	0	0	0	0	1	0	0	0
LH1122C	61 31 58	154 7 35	0	0	0	5	0	0	2	0	0	0	0	0	0	0	0
LH1123C	61 30 7	154 10 41	0	0	4	4	0	0	0	0	0	0	0	4	0	0	0
LH1124C	61 29 24	154 5 29	0	0	4	5	0	0	0	0	0	0	0	3	0	0	0
LH1125C	61 28 45	154 3 13	0	0	4	5	0	0	1	0	0	0	0	1	0	0	0
LH1126C	61 23 31	154 3 46	0	0	4	5	0	0	0	0	0	0	0	3	0	0	0
LH1127C	61 23 36	154 3 49	0	0	4	5	0	0	2	0	0	0	0	4	0	0	0
LH1128C	61 24 10	154 6 46	0	0	4	2	0	0	0	0	0	0	0	5	0	0	0
LH1129C	61 23 42	154 9 41	0	0	4	2	0	0	1	0	0	0	0	5	0	0	0
LH1130C	61 23 21	154 10 30	0	0	4	5	0	0	0	0	0	0	0	4	0	0	0
LH1131C	61 21 16	154 11 44	0	0	4	5	0	0	1	0	0	0	0	3	0	0	0
LH1132C	61 20 28	154 10 21	0	0	4	4	0	0	4	0	0	0	0	2	0	0	0
LH1133C	61 19 9	154 5 2	0	0	4	5	0	0	2	0	0	0	0	2	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH1054C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1055C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	0	0	0	0	0	0
LH1056C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	0	0	0	0	0	0
LH1057C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	0	0
LH1058C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	0	0
LH1059C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	5	0	0	0	0	0	0
LH1060C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1061C	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1062C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1063C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH1064C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1065C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH1066C	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1067C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1068C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1069C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH1100C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1101C	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	4	0	0	0	0	0	0
LH1102C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1103C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1104C	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	4	0	0	0	0	0	0
LH1105C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1106C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH1107C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH1108C	0	0	0	0	0	0	0	4	0	3	0	0	0	0	0	0	1	0	1	0	0	0	0
LH1109C	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	1	0	1	0	0	0	0
LH1110C	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0
LH1111C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	0	1	0	0	0	0
LH1112C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1113C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH1114C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH1115C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
LH1116C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1117C	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH1118C	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH1119C	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	0
LH1120C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1121C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	2	4	0	1	0	0	0	0
LH1122C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1123C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1124C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	5	0	1	0	0	0	0
LH1125C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH1126C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	1	0	1	0	0
LH1127C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	5	0	1	0	0	0
LH1128C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1129C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH1130C	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	1	4	0	0	0	0	0	0
LH1131C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH1132C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0
LH1133C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	1	0	0	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH1054C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0
LH1055C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH1056C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH1057C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	0	4
LH1058C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH1059C	0	0	0	1	0	0	0	0	0	0	1	0	0	0	3	0	0	0	2	0	0	0
LH1060C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	1	0	0	0
LH1061C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1062C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1063C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0
LH1064C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0
LH1065C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1066C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH1067C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1068C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1069C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1100C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH1101C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1102C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1103C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1104C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1105C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1106C	1	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LH1107C	0	0	0	2	0	0	0	0	0	0	5	0	0	0	2	0	0	0	0	0	0	0
LH1108C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH1109C	1	0	0	1	0	0	0	0	0	0	5	0	0	0	1	1	0	0	0	0	0	0
LH1110C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH1111C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH1112C	1	0	0	0	0	0	1	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0
LH1113C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0
LH1114C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0
LH1115C	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LH1116C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH1117C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1118C	1	0	0	1	0	0	0	0	0	0	5	0	0	0	2	0	0	0	0	0	0	0
LH1119C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1120C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0
LH1121C	1	0	0	1	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH1122C	0	0	0	1	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH1123C	1	0	0	1	0	0	0	0	0	1	5	0	0	0	4	0	0	0	0	0	0	0
LH1124C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1125C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH1126C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1127C	1	0	0	1	0	0	0	0	0	0	5	0	0	0	2	0	0	0	0	0	0	0
LH1128C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1129C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH1130C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1131C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1132C	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1133C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH1134C	61 19 16	154 6 55	0	0	4	5	0	0	1	0	0	0	0	4	0	0	0
LH1135C	61 21 0	154 10 44	0	0	4	1	0	0	1	0	0	0	0	5	0	0	0
LH1136C	61 20 49	154 11 2	0	0	4	1	0	0	0	0	0	0	0	5	0	0	0
LH1137C	61 23 43	154 13 37	0	0	4	5	0	0	2	0	0	0	0	4	0	0	0
LH1138C	61 23 40	154 13 26	0	0	4	5	0	0	0	0	0	0	0	5	0	0	0
LH1139C	61 27 6	154 7 16	0	0	4	5	0	0	0	0	0	0	0	5	0	0	0
LH1140C	61 29 42	154 10 34	0	0	4	4	0	0	0	0	0	0	0	4	0	0	0
LH1141C	61 27 50	154 12 53	0	0	4	0	0	0	0	0	0	0	0	5	0	0	0
LH1142C	61 26 25	154 10 26	0	0	5	1	0	0	0	0	0	0	0	5	0	0	0
LH1143C	61 27 0	154 15 6	0	0	4	4	0	0	2	0	0	0	0	5	0	0	0
LH1144C	61 28 51	154 16 46	0	0	4	2	0	0	0	0	0	0	0	5	0	0	0
LH1145C	61 25 8	154 14 34	0	0	5	5	0	0	1	0	0	0	0	3	0	0	0
LH1146C	61 21 23	154 17 17	0	0	5	4	0	0	1	0	0	0	0	4	0	0	0
LH1147C	61 21 28	154 17 15	0	0	4	1	0	0	0	0	0	0	0	5	0	0	0
LH1148C	61 21 45	154 21 46	0	0	5	2	0	0	0	0	0	0	0	0	0	0	0
LH1149C	61 21 51	154 21 50	2	0	4	4	0	0	0	1	1	0	0	0	0	0	0
LH1150C	61 19 38	154 22 46	0	0	4	3	0	0	1	0	0	0	0	0	0	0	0
LH1151C	61 18 57	154 16 10	0	0	5	4	0	0	0	0	0	1	0	2	0	0	0
LH1152C	61 18 28	154 12 29	0	0	5	3	0	0	0	0	0	0	0	4	0	0	0
LH1153C	61 18 31	154 12 25	0	0	5	5	0	0	0	0	0	0	0	3	0	0	0
LH1154C	61 46 48	154 19 21	0	0	1	1	0	1	0	0	0	0	0	3	0	0	0
LH1155C	61 25 28	154 3 17	0	0	5	5	0	2	2	0	0	0	0	2	0	0	0
LH1156C	61 17 38	154 19 58	0	0	5	5	0	1	0	0	0	0	0	3	0	0	0
LH1157C	61 43 43	154 19 38	5	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1158C	61 40 50	154 16 57	0	0	4	3	0	0	0	0	0	0	0	4	0	0	0
LH1159C	61 39 33	154 12 39	0	0	1	5	0	0	0	0	0	0	0	3	0	0	0
LH1160C	61 39 56	154 12 53	0	0	3	5	0	0	1	0	0	0	0	3	0	0	0
LH1161C	61 38 38	154 23 1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1162C	61 35 49	154 16 28	0	0	0	3	0	0	0	0	0	0	0	3	0	0	0
LH1163C	61 35 33	154 10 41	0	0	1	5	0	0	0	0	0	0	0	2	0	0	0
LH1164C	61 35 30	154 10 13	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0
LH1165C	61 34 1	154 12 57	0	0	1	3	0	0	0	0	0	0	0	4	0	0	0
LH1166C	61 33 42	154 13 5	0	0	4	3	0	0	0	0	0	0	0	2	0	0	0
LH1167C	61 33 9	154 16 5	0	0	4	2	0	0	0	0	0	0	0	5	0	0	0
LH1168C	61 33 9	154 22 39	0	0	4	2	0	1	0	0	0	0	0	1	0	0	0
LH1169C	61 30 45	154 15 26	0	0	4	2	0	0	0	0	0	0	0	5	0	0	0
LH1170C	61 30 44	154 22 15	0	0	3	1	0	0	0	0	0	0	0	5	0	0	0
LH1171C	61 15 11	154 11 8	0	0	5	4	0	0	0	0	0	0	0	0	0	0	0
LH1172C	61 13 32	154 12 34	0	0	4	5	0	0	0	0	1	0	0	2	0	0	0
LH1173C	61 11 27	154 13 2	0	0	5	0	3	0	0	0	0	0	0	4	0	0	0
LH1174C	61 10 0	154 20 14	3	0	4	3	0	0	0	0	1	0	2	0	0	0	0
LH1175C	61 9 25	154 14 51	0	0	5	0	0	0	0	0	0	0	0	2	0	0	0
LH1176C	61 8 2	154 8 24	0	0	4	0	0	0	0	0	0	0	4	1	0	0	0
LH1177C	61 7 34	154 10 26	0	0	4	0	0	0	0	0	0	0	3	2	0	0	0
LH1178C	61 7 37	154 11 54	0	0	3	1	0	0	0	0	0	0	3	0	0	0	0
LH1179C	61 8 1	154 15 38	0	0	4	4	0	2	0	0	0	0	0	0	0	0	0
LH1180C	61 6 40	154 16 9	3	0	4	4	0	0	0	0	0	0	0	0	0	0	0
LH1181C	61 7 6	154 3 55	0	0	4	3	0	0	0	0	0	0	2	0	0	0	0
LH1182C	61 11 20	154 5 49	0	0	4	5	0	2	2	0	0	0	0	0	0	0	0
LH1183C	61 13 17	154 6 6	0	0	4	5	0	0	1	0	0	0	0	1	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH1134C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	0	0
LH1135C	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	2	2	0	0	0	0	0	0
LH1136C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
LH1137C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0
LH1138C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0
LH1139C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0
LH1140C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1141C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH1142C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH1143C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH1144C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH1145C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1146C	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH1147C	0	0	0	0	3	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0
LH1148C	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1149C	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1150C	0	0	0	4	5	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH1151C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1152C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0
LH1153C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH1154C	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	1	2	0	1	0	0	0	0
LH1155C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH1156C	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	1	0	0	0	0
LH1157C	0	0	0	0	5	0	0	0	0	0	1	0	0	4	0	0	4	0	1	0	0	0	0
LH1158C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0
LH1159C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	5	0	0	0	0	0	0
LH1160C	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1161C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	5	0	0	0	0	0	0
LH1162C	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	0	0	0	0
LH1163C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1164C	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1165C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1166C	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1167C	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0
LH1168C	0	1	0	0	5	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH1169C	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH1170C	0	0	0	0	4	0	0	0	0	0	1	0	0	1	0	0	3	0	1	0	0	0	0
LH1171C	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	1	0	0	0	0
LH1172C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH1173C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH1174C	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	5	0	1	0	0	0	0
LH1175C	0	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0
LH1176C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH1177C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH1178C	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	1	0	1	0	0	0	0
LH1179C	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH1180C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1181C	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH1182C	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1183C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH1134C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1135C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1136C	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1137C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1138C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1139C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH1140C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	3	0	0	0	0	0	0	0
LH1141C	1	0	0	1	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH1142C	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1143C	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1144C	0	0	0	1	0	0	0	0	0	0	2	0	0	0	3	0	0	0	0	0	0	1
LH1145C	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1146C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
LH1147C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0
LH1148C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1149C	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH1150C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0
LH1151C	0	0	0	2	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1152C	1	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0
LH1153C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1154C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH1155C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1156C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1157C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1158C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	1
LH1159C	1	0	0	0	0	0	0	0	0	1	1	0	0	0	4	0	0	0	0	0	0	0
LH1160C	0	0	0	1	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	1	0
LH1161C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH1162C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	1	0	0	1
LH1163C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH1164C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1165C	1	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0
LH1166C	1	0	0	0	0	0	0	0	0	1	2	0	0	0	2	0	0	0	1	0	0	0
LH1167C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1168C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH1169C	1	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LH1170C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1171C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1172C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1173C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1174C	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LH1175C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1176C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1177C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1178C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH1179C	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1180C	0	0	0	0	1	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1181C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1182C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1183C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH1184C	60 59 55	153 41 50	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LH1185C	61 0 39	153 48 0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH1186C	61 0 31	153 48 3	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1187C	61 2 26	153 44 42	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0
LH1188C	61 2 22	153 44 53	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LH1189C	61 2 33	153 45 58	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LH1190C	61 3 57	153 46 47	0	0	0	4	0	1	0	0	0	0	0	0	0	0	0
LH1191C	61 7 45	153 40 8	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1192C	61 8 5	153 39 6	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0
LH1193C	61 0 37	153 38 9	0	0	0	4	0	0	0	0	0	0	2	0	0	0	0
LH1194C	61 1 14	153 39 32	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1195C	61 1 47	153 39 30	0	0	0	4	0	0	0	0	0	0	1	0	0	0	0
LH1196C	61 1 57	153 40 15	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0
LH1197C	61 5 3	153 40 42	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1198C	61 4 59	153 40 32	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1199C	61 5 10	153 40 16	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1200C	61 5 14	153 40 40	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1201C	61 5 44	153 40 13	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0
LH1202C	61 14 18	153 28 4	0	0	0	2	0	0	0	0	0	0	1	2	0	0	0
LH1203C	61 10 35	153 29 58	0	0	1	4	0	0	0	0	0	0	1	0	0	0	0
LH1204C	61 55 3	154 46 51	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
LH1205C	61 53 33	154 46 48	0	0	0	1	0	5	0	0	0	0	0	0	0	0	0
LH1206C	61 53 7	154 47 52	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0
LH1207C	61 52 18	154 47 21	0	0	0	0	0	5	0	0	0	0	0	0	0	0	2
LH1208C	61 51 46	154 49 33	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0
LH1209C	61 50 18	154 47 12	0	0	0	0	0	5	0	0	0	0	0	2	0	0	0
LH1210C	61 49 53	154 48 40	0	0	1	0	0	4	0	0	0	0	0	0	0	0	0
LH1211C	61 46 55	154 48 42	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
LH1212C	61 45 56	154 51 7	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
LH1213C	61 47 29	154 44 34	5	6	0	0	1	0	1	0	0	0	0	0	0	0	0
LH1214C	61 50 57	154 44 26	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
LH1215C	61 4 45	153 29 36	0	0	0	0	0	4	0	0	1	0	0	0	0	0	0
LH1216C	61 5 25	153 29 39	0	0	2	1	0	0	2	0	1	0	0	0	1	0	0
LH1217C	61 3 35	153 34 9	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
LH1218C	61 2 19	153 34 30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH1219C	61 2 5	153 30 45	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0
LH1220C	61 0 14	153 32 32	0	0	1	3	0	0	2	0	0	0	5	0	0	0	0
LH1221C	61 1 12	153 28 1	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1222C	61 0 50	153 30 17	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0
LH1223C	61 2 48	153 22 22	0	0	0	2	3	0	0	4	0	0	0	0	0	0	0
LH1224C	61 1 3	153 20 43	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1225C	61 1 0	153 19 51	0	0	0	4	0	0	0	1	0	0	0	1	0	0	0
LH1226C	61 0 24	153 15 57	0	0	2	2	0	0	1	0	0	0	0	1	0	0	0
LH1227C	61 2 20	153 15 42	0	0	3	2	0	0	1	0	0	0	2	4	0	0	0
LH1228C	61 4 59	153 20 48	0	0	2	4	0	0	0	0	1	0	0	1	0	0	0
LH1229C	61 5 26	153 23 33	0	0	0	2	0	0	0	0	1	0	1	2	0	0	0
LH1230C	61 7 2	153 21 22	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0
LH1231C	61 6 51	153 21 56	0	0	2	2	0	0	0	0	0	0	1	0	0	0	0
LH1232C	61 46 15	155 4 43	0	0	2	2	0	4	0	0	0	0	4	0	0	0	0
LH1233C	61 46 57	154 55 28	0	0	0	0	0	5	0	0	0	0	3	0	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH1184C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH1185C	0	0	0	4	0	0	0	0	0	0	1	0	0	4	0	4	4	0	0	0	0	0	0
LH1186C	0	0	0	4	4	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	0	0
LH1187C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	3	4	0	1	0	0	0	0
LH1188C	0	0	0	0	3	0	0	0	0	0	1	0	0	5	0	0	4	0	0	0	0	0	0
LH1189C	0	0	0	0	0	0	0	0	0	0	1	0	0	5	0	1	3	0	0	0	0	0	0
LH1190C	0	0	0	4	3	0	0	0	0	0	1	0	0	4	0	0	4	0	1	0	0	0	0
LH1191C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH1192C	0	0	0	0	3	0	0	0	0	0	0	0	0	4	0	1	4	0	0	0	0	0	0
LH1193C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	4	0	0	0	0	0	0
LH1194C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1195C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	1	4	0	0	0	0	0	0
LH1196C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	1	4	0	0	0	0	0	0
LH1197C	0	0	0	0	4	0	0	0	4	4	0	0	0	2	0	0	3	0	1	0	0	0	0
LH1198C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	1	4	0	0	0	0	0	0
LH1199C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1200C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	0	0
LH1201C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	4	0	0	0	0	0	0
LH1202C	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	3	0	0	0	0	0	0
LH1203C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1204C	0	0	0	0	0	0	0	0	4	0	0	0	0	3	0	1	3	0	0	0	0	0	0
LH1205C	0	0	0	0	0	0	0	0	3	3	0	0	0	3	0	0	1	0	0	0	0	0	0
LH1206C	0	0	0	0	0	3	0	0	3	0	0	0	0	4	0	0	2	0	0	0	0	0	0
LH1207C	0	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0
LH1208C	0	0	0	0	0	0	0	0	3	0	0	0	0	4	0	0	1	0	0	0	0	0	0
LH1209C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
LH1210C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1211C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	2	0	0	0	0	0	0
LH1212C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	2	0	2	0	0	0	2	0	0
LH1213C	0	0	0	0	0	0	0	0	1	0	0	0	0	5	0	0	4	0	0	0	0	0	0
LH1214C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	1	3	0	0	0	0	0	0
LH1215C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	2	4	0	1	0	0	0	0
LH1216C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	0	0
LH1217C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1218C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH1219C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	1	4	0	0	0	0	0	0
LH1220C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH1221C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1222C	0	0	0	4	0	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH1223C	0	0	0	0	4	0	0	0	4	0	0	0	0	3	0	0	2	0	1	0	0	0	0
LH1224C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1225C	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	4	0	0	0	0	0	0
LH1226C	0	0	0	4	0	0	0	0	0	0	0	0	0	3	0	1	4	0	0	0	0	0	0
LH1227C	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1228C	0	0	0	0	4	0	3	0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0
LH1229C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1230C	0	0	0	4	0	0	0	0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0
LH1231C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5	0	1	0	0	0	0
LH1232C	0	0	0	0	0	0	0	0	3	0	1	0	0	4	0	0	3	0	0	0	0	1	0
LH1233C	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	0	2	0	0	0	0	1	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH1184C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1185C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH1186C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1187C	1	0	0	0	1	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH1188C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1189C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1190C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	3	0	0	0	0	0	0	0
LH1191C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH1192C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0
LH1193C	1	0	0	0	0	0	0	0	0	1	4	0	0	0	2	0	0	0	0	0	0	0
LH1194C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH1195C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1196C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1197C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1198C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1199C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1200C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1201C	1	0	0	0	0	0	1	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH1202C	1	0	0	0	0	0	1	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0
LH1203C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH1204C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH1205C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1206C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1207C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1208C	1	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH1209C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1210C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH1211C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1212C	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0
LH1213C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1
LH1214C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	1	0	0	0
LH1215C	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LH1216C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1217C	1	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0
LH1218C	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
LH1219C	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1220C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	3	0	0	0	0	0	0	0
LH1221C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1222C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1223C	0	0	0	0	1	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH1224C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0
LH1225C	0	0	0	0	0	0	0	0	0	1	4	0	0	0	1	0	0	0	0	0	0	0
LH1226C	0	0	0	0	0	0	1	0	0	0	1	0	0	0	3	0	0	0	0	0	0	0
LH1227C	0	0	0	0	0	0	1	0	1	0	3	0	0	0	4	1	0	0	0	0	0	1
LH1228C	1	0	0	1	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1229C	1	0	0	0	0	0	0	0	0	1	4	0	0	0	2	0	0	0	0	0	0	0
LH1230C	1	0	0	0	0	0	1	0	0	1	3	0	0	0	2	0	0	0	0	0	0	0
LH1231C	2	0	0	1	0	0	0	0	0	2	4	0	0	0	2	0	0	0	0	0	0	0
LH1232C	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0
LH1233C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH1234C	61 43 29	154 58 38	1	0	0	1	0	2	0	0	0	0	2	0	0	0	0
LH1235C	61 42 38	154 57 32	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
LH1236C	61 41 4	155 0 22	0	0	0	2	3	4	0	0	0	0	0	0	0	0	0
LH1237C	61 37 32	155 4 11	0	0	0	2	0	4	0	0	0	0	2	0	0	0	0
LH1238C	61 37 32	155 4 25	1	0	0	2	0	4	0	0	0	0	0	0	0	0	0
LH1239C	61 36 5	154 58 10	2	0	0	0	0	5	0	0	0	0	2	0	0	0	0
LH1240C	61 38 7	154 52 56	2	0	0	2	0	5	0	0	0	0	1	0	0	0	0
LH1241C	61 37 38	154 48 27	2	0	2	2	0	3	0	0	0	0	1	0	0	0	0
LH1242C	61 41 22	154 45 48	0	0	2	2	0	0	0	0	0	0	1	0	0	0	4
LH1243C	61 43 8	154 45 42	2	0	0	1	0	3	0	0	0	0	0	0	0	0	0
LH1244C	61 48 39	155 13 47	0	0	4	4	0	0	0	0	0	0	1	0	0	0	0
LH1245C	61 51 20	155 8 51	0	0	4	4	4	3	0	0	0	0	2	0	0	0	0
LH1246C	61 56 11	155 5 32	0	0	4	2	0	0	0	0	0	0	3	0	0	0	0
LH1247C	61 58 25	155 6 32	0	0	4	3	0	0	0	0	0	0	3	0	0	0	0
LH1248C	61 58 30	155 6 16	0	0	4	1	0	2	0	0	0	0	3	0	0	0	0
LH1249C	61 59 59	155 4 15	0	0	4	2	0	1	0	0	0	0	2	0	0	0	0
LH1250C	61 59 57	155 7 25	0	0	3	0	0	5	0	0	0	0	0	0	0	0	0
LH1251C	61 57 45	155 10 50	0	0	4	0	0	5	0	0	0	0	2	0	0	0	0
LH1252C	61 57 40	155 10 23	0	0	4	1	0	5	0	0	0	0	0	0	0	0	0
LH1253C	61 59 12	155 12 55	0	0	4	1	0	5	0	0	0	0	1	0	0	0	0
LH1254C	61 58 45	155 14 35	0	0	2	2	0	4	0	0	0	0	0	0	0	0	0
LH1255C	61 52 44	155 13 33	0	0	4	2	0	0	0	0	0	0	1	0	0	0	0
LH1300C	61 59 54	154 47 21	0	0	1	3	0	4	0	0	0	0	0	0	0	0	0
LH1301C	61 58 25	154 49 50	0	0	2	0	0	3	0	0	0	0	1	0	0	0	0
LH1302C	61 57 27	154 51 15	0	0	1	2	2	0	0	0	0	0	3	0	0	0	0
LH1303C	61 57 56	154 45 19	0	0	0	0	2	0	4	0	0	0	1	0	0	0	0
LH1304C	61 56 48	154 46 3	0	0	0	1	0	4	0	0	0	0	1	0	0	0	0
LH1305C	61 55 58	154 46 21	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1306C	61 16 5	153 33 18	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1307C	61 16 8	153 26 54	0	0	0	2	0	0	0	0	0	0	3	2	0	0	0
LH1308C	61 12 38	153 28 28	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0
LH1309C	61 12 7	153 25 10	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0
LH1310C	61 9 12	153 24 25	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0
LH1311C	61 9 7	153 24 38	1	0	2	4	0	0	0	0	0	0	0	0	0	0	0
LH1313C	61 11 25	153 22 38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH1314C	61 9 19	153 29 17	0	0	3	2	0	0	0	1	0	0	0	1	0	0	0
LH1315C	61 9 11	153 29 38	0	0	4	0	1	1	0	0	1	0	2	0	0	0	0
LH1316C	61 9 57	153 34 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH1317C	61 12 41	153 34 32	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1318C	61 8 57	153 39 59	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1319C	61 54 36	154 43 14	0	0	0	1	0	5	0	0	0	0	0	0	0	0	0
LH1320C	61 48 2	154 51 44	0	0	1	2	0	4	1	0	0	0	1	0	0	0	0
LH1321C	61 7 1	153 37 40	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1322C	61 4 21	153 35 38	0	0	0	5	0	4	0	0	0	0	0	0	0	0	0
LH1323C	61 2 9	153 30 51	0	0	0	4	0	2	1	0	0	0	2	4	0	0	0
LH1324C	61 2 42	153 22 22	0	0	0	4	0	0	1	0	0	0	0	0	0	0	0
LH1325C	61 5 19	153 23 18	0	0	0	4	0	1	0	0	0	0	0	2	0	0	0
LH1326C	61 6 57	153 21 11	0	0	0	4	0	1	0	0	0	0	0	4	0	0	0
LH1327C	61 49 55	154 38 6	0	0	4	3	0	0	0	0	0	0	0	3	0	0	0
LH1328C	61 51 30	154 41 39	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH1234C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	1	0
LH1235C	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1236C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	1	0
LH1237C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1238C	0	0	0	0	4	0	0	0	0	0	1	0	0	3	0	0	4	0	0	0	0	1	0
LH1239C	0	0	0	0	4	0	0	0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0
LH1240C	0	0	0	0	4	0	0	0	0	0	0	0	0	1	1	0	4	0	0	0	0	0	0
LH1241C	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	1	0
LH1242C	0	0	0	0	5	0	0	0	0	0	1	0	0	0	0	0	4	0	0	0	0	0	0
LH1243C	0	0	0	0	4	0	0	4	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1244C	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1245C	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1246C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH1247C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH1248C	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH1249C	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1250C	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
LH1251C	3	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0
LH1252C	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH1253C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH1254C	2	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1255C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1300C	0	0	0	0	4	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH1301C	0	0	0	0	4	0	0	0	3	0	0	0	0	1	0	0	2	0	0	0	0	0	0
LH1302C	0	0	0	0	4	0	4	4	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0
LH1303C	0	0	0	0	0	0	4	4	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0
LH1304C	0	0	0	0	2	0	0	4	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
LH1305C	0	0	0	0	4	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0
LH1306C	0	0	0	4	2	0	4	4	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1307C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
LH1308C	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
LH1309C	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	5	0	0	0	0	0	0
LH1310C	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	1	0	0	0	0
LH1311C	0	1	0	0	3	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH1313C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1314C	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	5	0	0	0	0	0	0
LH1315C	0	0	0	4	0	0	0	0	0	0	2	0	0	4	0	0	4	0	0	0	1	0	0
LH1316C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1317C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1318C	0	0	0	4	4	0	0	0	0	0	0	0	0	4	0	1	4	0	1	0	0	0	0
LH1319C	0	0	0	0	3	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0
LH1320C	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH1321C	0	0	0	4	2	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	0	0
LH1322C	0	0	0	4	2	0	0	0	0	0	0	0	0	4	0	1	4	0	0	0	0	0	0
LH1323C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	4	0	0	0	0	0	0
LH1324C	0	0	0	4	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1325C	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH1326C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	0	0	0
LH1327C	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH1328C	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	5	0	0	0	1	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH1234C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1235C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH1236C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1237C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1238C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH1239C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH1240C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1241C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1242C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LH1243C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	0
LH1244C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1245C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH1246C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1247C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1248C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1249C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH1250C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1251C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1252C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1253C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1254C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1255C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH1300C	0	0	0	1	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1301C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1302C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH1303C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1304C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1305C	0	0	0	0	0	0	1	0	0	1	4	0	0	0	0	0	1	0	0	0	0	0
LH1306C	0	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0
LH1307C	1	0	0	0	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0
LH1308C	1	0	0	0	0	0	0	0	0	1	5	0	0	0	2	0	0	0	0	0	0	0
LH1309C	1	0	0	1	0	1	1	0	0	1	4	0	0	0	4	0	0	0	0	0	0	0
LH1310C	1	0	0	0	0	1	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0
LH1311C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0
LH1313C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0
LH1314C	0	0	0	1	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0
LH1315C	0	0	0	0	0	0	0	0	0	1	4	0	0	4	0	0	0	0	0	0	0	0
LH1316C	0	0	0	0	0	0	1	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0
LH1317C	0	0	0	0	0	0	0	0	0	1	3	0	0	0	2	0	0	0	0	0	0	0
LH1318C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0
LH1319C	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1320C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1321C	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
LH1322C	1	0	0	0	0	0	0	0	0	1	2	0	0	2	0	0	0	0	0	0	0	0
LH1323C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
LH1324C	1	0	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	0	0	0	0	0
LH1325C	1	0	0	0	0	0	1	0	0	0	5	0	0	0	1	1	0	0	0	0	0	0
LH1326C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0
LH1327C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
LH1328C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	0

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

Sample	LATITUDE	LONGTUDE	AD	AM	AN	AP	AR	BA	BT	CH	CO	DU	EP	FL	FU	GT	IM
LH1329C	61 55 7	154 54 37	0	0	0	1	3	4	0	0	0	0	4	0	0	0	0
LH1330C	61 38 3	154 58 22	0	0	1	1	3	2	0	0	0	0	4	0	0	0	0
LH1331C	61 57 53	154 58 9	0	0	0	3	0	2	0	0	0	0	4	0	0	0	0
LH1332C	61 53 58	155 2 18	0	0	0	4	0	2	0	0	0	0	4	0	0	0	0
LH1333C	61 53 32	155 7 41	0	0	4	2	1	0	0	0	0	0	4	0	0	0	0
LH1334C	61 53 12	154 59 32	0	0	1	2	0	5	0	0	0	0	1	0	0	0	0
LH1335C	61 47 49	155 8 20	0	0	0	1	0	4	0	0	0	0	4	1	0	0	0
LH1336C	61 46 24	155 10 4	0	0	1	3	1	5	0	0	0	0	1	0	0	0	0
LH1337C	61 44 55	154 55 54	0	0	0	2	2	4	0	0	0	0	3	0	0	0	0
LH1338C	61 46 28	154 54 11	0	0	0	2	0	4	0	0	0	0	3	0	0	0	0
LH1339C	61 42 33	154 59 34	0	0	0	2	0	4	0	0	0	0	4	0	0	0	0
LH1340C	61 39 3	154 59 16	2	0	0	4	0	4	0	0	0	0	4	0	0	0	0
LH1341C	61 40 12	154 47 51	2	0	1	3	0	0	0	0	0	0	0	0	0	0	0
LH1343C	61 43 36	154 50 0	0	0	0	1	0	4	0	0	0	0	2	0	0	0	0

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

Sample	MT	MU	PX	QF	R1	R2	R3	R4	R5	R6	RU	SE	SI	SP	TP	TR	ZR	AL	AS	BI	CA	CI	CB
LH1329C	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0
LH1330C	0	0	0	0	0	4	0	0	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0
LH1331C	0	0	0	0	0	4	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1332C	0	0	0	0	0	0	0	0	2	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH1333C	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	3	0	0	0	0	0	0
LH1334C	0	0	0	0	4	0	0	0	0	0	0	0	0	1	0	0	2	0	1	0	0	0	0
LH1335C	0	0	0	0	4	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0
LH1336C	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	3	0	0	0	0	0	0
LH1337C	0	0	0	0	3	0	0	0	4	0	0	0	0	4	0	0	4	0	0	0	0	0	0
LH1338C	0	0	0	0	3	0	0	0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0
LH1339C	0	0	0	0	4	0	0	0	0	0	1	0	0	4	0	0	4	0	0	0	0	0	0
LH1340C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	1	0	4	0	0	0	0	0	0
LH1341C	0	0	0	0	4	0	0	0	0	0	0	0	0	4	1	0	4	0	0	0	0	0	0
LH1343C	0	0	0	0	3	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	0	0	0

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

Sample	CP	CR	EN	GA	GO	JA	MA	MZ	MN	MO	PY	PR	RC	SA	SC	SL	ST	TE	TH	WO	WU	XE
LH1329C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1330C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1331C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
LH1332C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LH1333C	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1334C	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
LH1335C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1336C	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
LH1337C	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LH1338C	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0
LH1339C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
LH1340C	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1
LH1341C	0	0	0	0	1	0	0	0	0	0	1	0	0	0	3	0	0	0	1	0	0	0
LH1343C	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0