

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Geologic description, chemical analyses and sample locality map
for rock samples collected from the eastern part of the
Line Hills quadrangle, Alaska

By

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

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STUDIES RELATED TO AMRAP

The U.S. Geological Survey is required by the Alaska National Interests Lands Conservation Act (Public Law 96-487, 1980) to survey certain Federal lands to determine their mineral potential.

Results from the Alaska Mineral Resource Assessment Program (AMRAP) must be made available to the public and submitted to the President and Congress. This report is one of a series of publications that presents geochemical and mineralogical results collected from the mineral assessment study of the Lime Hills 1:250,000 scale quadrangle, Alaska. Geological and geochemical data for rock samples from the eastern portion of the Lime Hills quadrangle are presented in this report.

INTRODUCTION

During the summers of 1987-88, a reconnaissance geochemical survey was conducted in the Lime Hills quadrangle, Alaska (fig. 1). The quadrangle is bounded by latitude 61 N to 62 N and by longitude 153 W to 156 W. The Lime Hills quadrangle comprises approximately 7,000 mi² (18,000 km²). The area covered by this report represents only the eastern portion of the quadrangle (approx. 4,000 mi²; 10,000 km²) that is occupied by the Alaska Range and the Lyman Hills. Therefore, this report presents results of a geochemical survey that is still ongoing, with completion expected in 1991. This interim report is deemed necessary due to the elevated levels of certain metals such as gold in several samples.

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 than 3,000 ft (915 m) in elevation lie between the ridges. The western flank of the range consists of rolling hills and glacial pediments. The Lyman Hills are mountains less rugged than the Alaska Range with elevations from 2,000 to 4,200 ft (600 to 1,260 m). Vegetation in the Alaska Range and Lyman Hills varies from barren mountain peaks to arctic tundra in glacial valleys, and northern latitude forest in lower valleys and in the 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 located in the southeast portion of the quadrangle and is included in this study.

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.

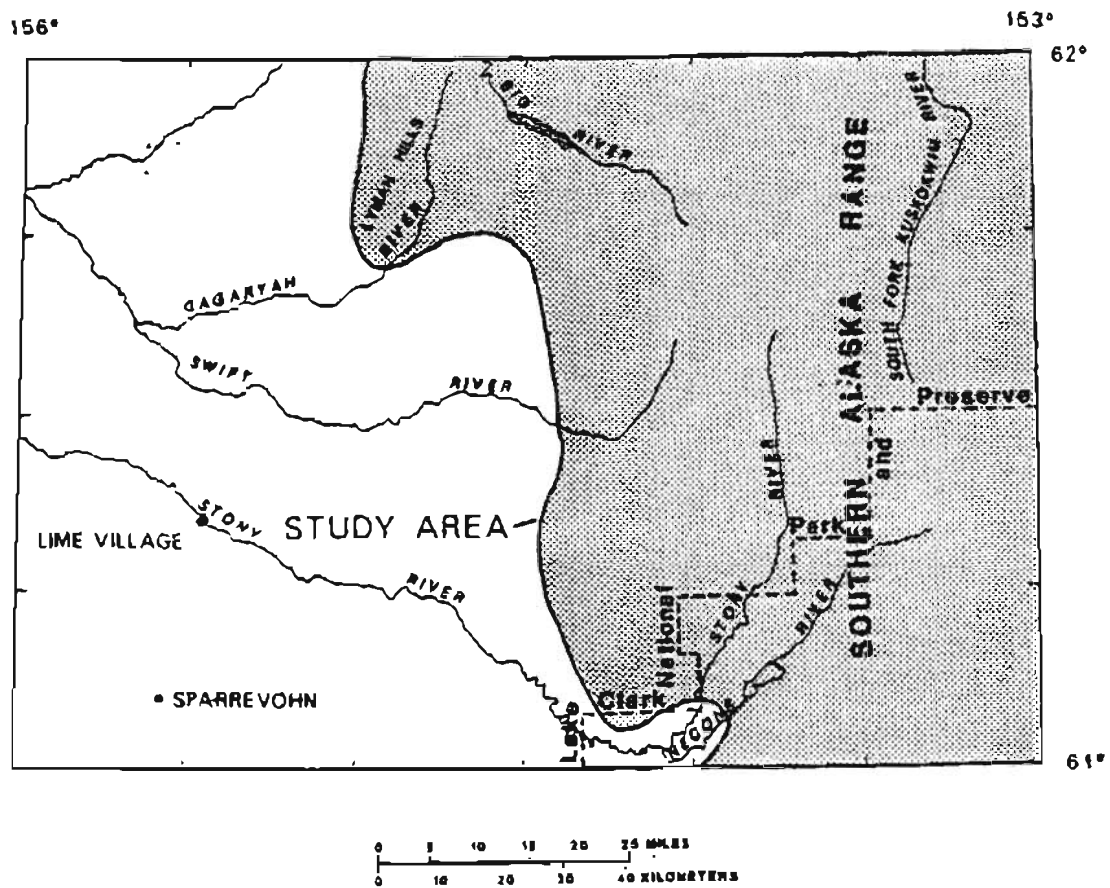
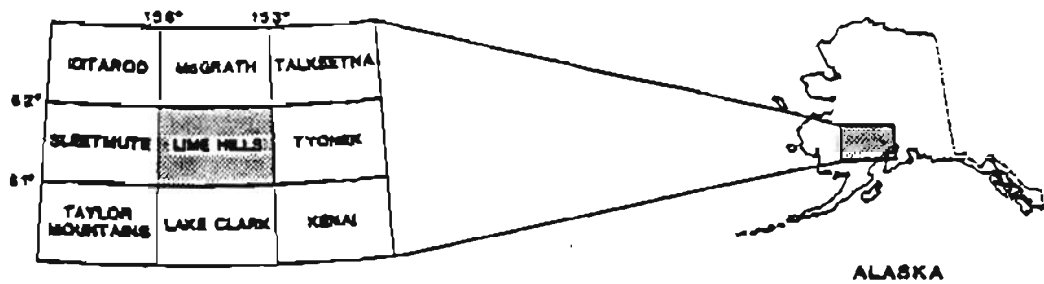


Figure 1. Index map of the Lime Hills quadrangle, Alaska

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

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

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

The Alaska-Aleutian Range batholith includes rocks formed during three periods of igneous activity (Reed and Lånphere, 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 (including the Hartman sequence) and a younger group of quartz monzonite to granite plutons (including the Merrill Pass and Tired Pup plutons). Middle tertiary igneous activity consists of quartz monzonite to granite plutons (including the Windy Fork pluton) 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

Geochemical sampling for this AMRAP reconnaissance survey relies most heavily on collection of drainage-sediment samples. Drainage sampling was supplemented by the collection of rock samples from outcrop, float (including alluvium), talus, or moraine to aid in the determination of background metal contents of the dominant lithologies exposed in the study area and to determine element suites characteristic of mineralization identified as a result of this study.

Sample Collection

In most cases, rock samples were collected at the same time and at the same sites as drainage sediment samples. These rock samples may have been

collected from float, talus, or moraine, and therefore, have been transported from their place of origin. Rock samples collected from these sites are single grab samples and may or may not be representative of their source materials on a larger scale. Some samples have been collected from outcrop because of observation of alteration and/or mineralization or because of identification of anomalous metal contents of drainage samples taken below an outcrop. Samples collected from outcrop were collected as composite chip samples, to be representative of the exposed rock-unit or mineralized material (e.g. a vein).

This report concerns the 405 rock samples that were collected from the study area (plate 1) and subsequently analysed. Geochemical data for heavy-mineral-concentrate samples from stream sediment are presented in Malcolm and others (1989). Results of mineralogical analysis of heavy-mineral-concentrate samples from stream sediment are presented in Allen and Slaughter (1989). Geochemical data for stream-sediment samples collected from the study area are presented in Motooka and others (1989).

Sample Preparation

The rock samples were crushed and then pulverized using a disk mill with ceramic plates to less than 100 mesh (150 μ m) size before analysis.

Sample Analysis

The pulverized samples were analysed for a variety of elements by different methods. Samples were analysed for 35 elements using a semiquantitative, direct-current arc emission spectrographic (S) method (Grimes and Marranzino, 1968). Spectrographic results were determined by visually comparing spectra derived from the sample against spectra obtained from laboratory reference standards. Standard concentrations are geometrically spaced over any given order of magnitude of concentration such that values reported for each sample are reported in the geometric sequence 10, 15, 20, 30, 50, 70, 100 etc. The elements determined and their limits of determination are listed in table 1. The precision of the Grimes and Marranzino (1968) method is plus or minus one reporting interval at 83 percent, or two intervals at 96 percent confidence (Motooka and Grimes, 1976).

The samples were also analysed for 10 elements by inductively coupled plasma emission spectroscopy (ICP) after a partial digestion of a 1 gram aliquot and organic solvent extraction (Motooka, 1988). Table 2 lists the elements sought and limits of determination. Gold was also determined by atomic absorption after a hydrobromic acid digestion of a 10 gram aliquot and an organic solvent extraction (O'Leary and Meier, 1984). Uranium was determined fluorimetrically after a nitric acid digestion (O'Leary and Meier, 1984). Limits of determination for gold and uranium are also listed in table 2. The results of all of these aforementioned analyses are presented in table 3.

Discrepancies in analyses for certain elements duplicated by different analytical methods, such as Au values determined by ICP and AA, may be attributable to the particulate nature of host minerals, different sample aliquots used, and different extraction procedures. The AA method provides the most statistically representative results due to the larger sample aliquot analysed (10 g - AA; 1 g - ICP; 10 mg - S).

DATA STORAGE SYSTEM

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

DESCRIPTION OF DATA TABLE

Table 3 contains summary geologic information and analytical results for the rock samples collected during this study. The data are arranged such that the first column contains the USGS-assigned sample numbers. These numbers correspond to those shown on plate 1 without prefixes and suffixes. Geologic descriptions are based on visual observations only, made in the field and office using a stereographic microscope. Abbreviations for mineral names used in the table are: AD - andalusite; AS - arsenopyrite; BT - biotite; CHLOR - chlorite; CP - chalcopyrite; FELD - feldspar; FL - fluorite; GA - galena; HB - hornblende; IM - iron and manganese oxides; MA - malachite; MO - molybdenite; MT - magnetite; PO - pyrrhotite; PY - pyrite; QTZ - quartz; SC - scheelite; SL - sphalerite; SP - sphene; ST - stibnite; and TR - tourmaline. Other abbreviations used in table 3 include the following: APHAN. - aphanitic; BRECC. - brecciated; CALC-SIL. - calc-silicate; CARB - carbonate; DISSEM. - disseminated; FAULT. - faulted; HORNF. - hornfelsed; INCLUS. - inclusion; MONZ. - monzonite; PEG. - pegmatite; PL. - pluton; PORPH. - porphyry; SILIC. - silicified; SMKY - smoky; XENO. - xenolith.

The designations "AA", "FL", "S", and "ICP" on element headings indicate atomic absorption, fluorimetric, semiquantitative emission spectrographic, and inductively coupled plasma analysis, respectively. The letter "N" in the table indicates that an element was looked for but not observed. If an element was observed but was below the lowest reporting value, a "less than" symbol (<) was entered in the table in front of the lower limit of determination. If an element was observed but was above the upper reporting value, a "greater than" symbol (>) was entered in the table in front of the upper limit of determination. Because of the formatting used in the computer program that produced table 3, some of the spectrographic analyses listed in this table (Fe, Mg, Ca, Na, Ti, P, and Ag) carry one or more nonsignificant zeros to the right of the significant digits. The analyst did not determine these elements to the accuracy suggested by the extra zeros. For ICP analyses, values are good to only two significant figures. Lower and upper limits of determination for the ICP method listed in this table may be variable due to variable sample aliquot weight, dilution of an analytical aliquot, or instrumental interference correction. Values determined for the major elements, Fe, Mg, Ca, Na, Ti, and P are given in weight percent; all others are in parts per million (micrograms/gram). The analyses for Au by emission spectrography were all below the lower limits of determination, and are not included in table 3.

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TABLE 1.--Limits of determination for the spectrographic analysis
of rock samples, based on 10-mg sample

[The values shown are the limits of determination assigned by the Grimes
and Marranzino (1968) method.]

Elements	Lower determination limit	Upper determination limit
Percent		
Iron (Fe)	0.05	20
Magnesium (Mg)	0.02	10
Calcium (Ca)	0.05	20
Sodium (Na)	0.2	5
Titanium (Ti)	0.002	1
Phosphorus (P)	0.2	10
Parts per million		
Silver (Ag)	0.5	5,000
Arsenic (As)	200	10,000
Gold (Au)	10	500
Boron (B)	10	2,000
Barium (Ba)	20	5,000
Beryllium (Be)	1	1,000
Bismuth (Bi)	10	1,000
Cadmium (Cd)	20	500
Cobalt (Co)	10	2,000
Chromium (Cr)	10	5,000
Copper (Cu)	5	20,000
Gallium (Ga)	5	100
Germanium (Ge)	10	100
Lanthanum (La)	50	1,000
Manganese (Mn)	10	5,000
Molybdenum (Mo)	5	2,000
Niobium (Nb)	20	2,000
Nickel (Ni)	5	5,000
Lead (Pb)	10	20,000
Antimony (Sb)	100	10,000
Scandium (Sc)	5	100
Tin (Sn)	10	1,000
Strontium (Sr)	100	5,000
Thorium (Th)	100	2,000
Vanadium (V)	10	10,000
Tungsten (W)	20	10,000
Yttrium (Y)	10	2,000
Zinc (Zn)	200	10,000
Zirconium (Zr)	10	1,000

TABLE 2. Analytical methods used and limits of determination.

[ICP - inductively coupled plasma emission spectroscopy; AA - Flame atomic absorption spectrophotometry; FL - ultraviolet fluorimetry]

Element	Analytical Method	Lower limit (ppm)	Upper Limit
Silver (Ag)	ICP	0.045	1,500
Arsenic (As)	"	0.6	3,000
Gold (Au)	"	0.15	2,400
Bismuth (Bi)	"	0.6	1,500
Cadmium (Cd)	"	0.03	500
Copper (Cu)	"	0.03	1,200
Molybdenum (Mo)	"	0.09	1,500
Lead (Pb)	"	0.6	12,000
Antimony (Sb)	"	0.6	800
Zinc (Zn)	"	0.03	500
Gold (Au)	AA	0.05	--
Uranium (U)	FL	0.05	--

NOTE: Lower and upper limits of determination for the ICP method listed in this table are nominal, and in table 3 may be variable. The variability in limits of determination for an element is due to variable sample aliquot weight, dilution of an analytical aliquot, or instrumental interference correction.

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska.

Sample	Latitude	Longitude	Source	Unit/Terrane	Rocktype	Alteration	Minerals	Au-AA	U-FL
LH0002RA	614258	1534330	TALUS	KAHILTNA	GREYWACKE	QTZ VEINS	PY	.05 N	1.00
LH0002RB	614258	1534330	TALUS		FELSITE	SILIC., CHLORITE	PY	.05 N	.30
LH0004RB	613211	1532704	TALUS		QTZ VEIN	VUGGY QTZ	MO,PY	.05 N	1.80
LH0006R	613005	1532948	TALUS		FELSITE PORPH.	QTZ,SERICITE,PY	PY	.05 N	1.30
LH0008RA	612823	1532308	FLOAT		FELSITE PORPH.		PY	.05 N	.90
LH0008RB	612823	1532308	FLOAT		FELSITE	CHLORITE	PY	.05 N	.90
LH0010R	613032	1531822	FLOAT		FELSITE PORPH.	EPIDOTE		.05 N	1.30
LH0011R	613141	1531800	FLOAT		FELSITE	QTZ,SERICITE,PY	PY	.05 N	.20
LH0013R	613751	1532216	FLOAT		BT MONZONITE	EPIDOTE QTZ VEIN	PY	.05 N	.05
LH0015RA	614131	1531343	OUTCROP		GRANITE	SERICITE	PY	.05 N	7.10
LH0015RB	614131	1531343	OUTCROP	KAHILTNA	GRANITE	EPIDOTE	PY,FL	.05 N	9.50
LH0018R	615914	1534410	FLOAT		RHYOLITE PORPH.	SILICIFIED	PY	.05 N	1.50
LH0023R	615226	1534130	FLOAT		GREYWACKE	QTZ VEINS	PY,CP	.05 N	4.50
LH0024R	615225	1534454	FLOAT		BT GRANITE		PY,MO	.05 N	5.90
LH0025R	615233	1534447	FLOAT		BT GRANITE		PY,MO	.05 N	6.50
LH0026R	615423	1533237	FLOAT		GREYWACKE	DISSEM. PYRITE	PY	.05 N	3.40
LH0029RB	614548	1533847	FLOAT		GREYWACKE	QTZ VEIN	CP	.05 L	.75
LH0031R	614757	1534433	FLOAT		GREYWACKE	QTZ VEINS	PY,AS	.05 N	.30
LH0034R	614950	1533438	FLOAT		GREYWACKE	QTZ VEINS	PY,CP	.20	.40
LH0037R	615002	1531835	FLOAT		IGNEOUS BRECCIA	SILICIFIED	PY	.05 N	.55
LH0038R	615260	1531936	FLOAT	KAHILTNA	QTZ CRYSTAL TUFF	SERICITE	PY	.05 N	1.00
LH0044R	615913	1532358	FLOAT		QTZ PORPHYRY		PY	.05 N	2.90
LH0047R	614130	1532721	FLOAT		GRANITE PORPH.	SILICIFIED	PY,MA	.05 N	12.00
LH0049R	612845	1530102	FLOAT		RHYOLITE PORPH.	SILICIFIED	PY	.05 N	5.50
LH0053R	612727	1530803	TALUS		FELSITE PORPH.	SILICIFIED	PY	.05 N	.80
LH0054R	612453	1531142	FLOAT		QTZ VEIN		PY	3.45	.60
LH0055R	612807	1531558	FLOAT		GRANITE PORPH.	QTZ VEINS	PY	.15	1.70
LH0056RA	612556	1532050	FLOAT		TUFF	SILICIFIED	PY	.05 N	1.10
LH0056RB	612556	1532050	FLOAT		TUFF	CHLORITE	PY	.10	.55
LH0056RC	612556	1532050	FLOAT		QTZ VEIN		PY,CP,MA	.05 N	.60
LH0056RD	612556	1532050	FLOAT	KAHILTNA	TUFF	FRESH		.05 N	1.10
LH0060R	612346	1531639	FLOAT		BT GRANITE	QTZ VEIN	FL,PY,GA	.05 N	6.30
LH0063R	612131	1530740	FLOAT		METAGREYWACKE	TREMOLITE	PY,CP	.05 N	.40
LH0065RA	611918	1530928	FLOAT		BT GRANITE		FL	.05 N	1.70
LH0065RB	611918	1530928	FLOAT		BT DIORITE			.05 N	3.30
LH0068RA	612713	1530811	OUTCROP		GRANITE	QTZ VEINS	PY	.05 N	.90
LH0068RB	612713	1530811	OUTCROP		BRECCIA DIKE	WELOED LAPILLI	PY,MA	.05 N	.80
LH0068RC	612713	1530811	OUTCROP		BT GRANITE	SILICIFIED	PY	.05 N	.40
LH0072RA	611504	1531748	FLOAT		GRANITE PORPH.	SERICITE	PY	.05 N	5.90
LH0072RB	611504	1531748	FLOAT		GRANITE PEG.		PY	.05 N	9.80
LH0086R	615649	1540112	OUTCROP	DILLINGER	LIMESTONE	QTZ VEIN	PY	.05 N	6.20
LH0087R	615744	1535721	FLOAT		HB GRANITE			.05 N	11.00
LH0088RA	615732	1535428	FLOAT		BT GRANITE			.05 N	6.60
LH0088RB	615732	1535428	FLOAT		BT GRANITE			.05 N	3.00
LH0089R	615719	1535440	FLOAT		BT GRANITE	SILICIFIED	PY,MO	.05 N	5.00
LH0090R	615832	1540606	OUTCROP		BT GRANITE			.05 N	1.50
LH0093R	615402	1540827	FLOAT		GRANITE PORPH.			.05 N	2.80
LH0097R	615416	1535653	FLOAT		FELSITE PORPH.	QTZ VEINS	PY	.05 N	3.10
LH0099R	615706	1542335	FLOAT		HB GRANITE			.05 N	3.50
LH0101R	614260	1534350	FLOAT	KAHILTNA	GREYWACKE	QTZ VEIN		.05 N	.30
LH0102RA	614256	1534301	FLOAT		GREYWACKE	QTZ VEIN		.05 N	.25

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Latitude	Longitude	Source	Unit/Terrane	Rocktype	Alteration	Minerals	Au-AA	U-FL
LH0102RB	614256	1534301	FLOAT		MONZONITE	QTZ VEINS	PY	.05 N	.60
LH0102RC	614256	1534301	FLOAT		GOSSAN			.05 N	.35
LH0102RD	614256	1534301	FLOAT		MONZONITE	PYRITIC	PY	.05 N	7.10
LH0102RE	614256	1534301	FLOAT		MONZONITE	QTZ VEINS	PY	.15	18.00
LH0104RA	614257	1534040	FLOAT	KAHILTNA	GREYWACKE	DISSEM. PYRITE	PY	3.50	1.60
LH0104RB	614257	1534040	FLOAT	KAHILTNA	GREYWACKE	RIBBON QTZ VEIN		.05 N	.30
LH0108RA	613557	1533640	FLOAT		QTZ VEIN	QTZ VEIN	PY,CP	.05	.45
LH0111RA	614306	1534043	OUTCROP		BRECC. MONZ.	CARBONATE	PY	.05 N	2.30
LH0111RB	614306	1534043	OUTCROP		MONZONITE	QTZ-CALCITE VEIN		.05 N	.45
LH0111RC	614306	1534043	FLOAT		RIBBON QTZ VEIN	LIMONITE	PY	.05 N	.40
LH0112RA	614314	1534048	OUTCROP		MONZONITE	QTZ-CALCITE VEIN	IM	.05 N	2.30
LH0112RB	614314	1534048	OUTCROP		MONZONITE	CALCITE VEINS	PY	1.05	3.70
LH0112RC	614314	1534048	OUTCROP		MONZONITE	QTZ CALCITE VEIN	PY	1.90	1.30
LH0113RA	613551	1532915	OUTCROP	KAHILTNA	GREYWACKE	CALCITE BRECCIA		.05 N	.30
LH0114RA	613508	1532942	OUTCROP	KAHILTNA	BRECC. GREYWACKE	QTZ CARBONATE	PY	1.60	.35
LH0115RA	613622	1532309	FLOAT		QTZ VEIN	QTZ VEIN	PY	.10	.50
LH0131RA	615942	1534049	OUTCROP	KAHILTNA	GREYWACKE	QTZ VEINS	PY,PO,AS	.05 N	1.70
LH0131RB	615942	1534049	FLOAT	KAHILTNA	GREYWACKE	QTZ VEINS	PY	.05 N	1.00
LH0133R	615629	1533245	FLOAT	KAHILTNA	GREYWACKE	QTZ CALCITE VEIN	PY	.05 N	.15
LH0137RA	615202	1534040	OUTCROP	KAHILTNA	HORNFELS	QTZ VEINS	PY,PO	.05 N	.30
LH0137RB	615202	1534040	OUTCROP		PEGMATITE DIKE		PY	.05 N	7.70
LH0137RC	615202	1534040	OUTCROP	KAHILTNA	GREYWACKE		PY	.05 N	.40
LH0141R	612309	1531657	FLOAT		FELSITE PORPH.	QTZ VEINS	MO	.05 N	16.00
LH0143R	611928	1530922	FLOAT		FELSITE PORPH.	CHLORITE	PY,MT	.05 N	.55
LH0147R	613317	1531249	OUTCROP		WELDED TUFF	SILICIFIED	PY	.05 N	1.10
LH0148RA	615613	1535428	OUTCROP		CALC-SILICATE	TREMOLITE	SL	.05 N	2.10
LH0148RB	615613	1535428	OUTCROP		GRANITE	SILICIFIED		.05 N	.90
LH0148RC	615613	1535428	OUTCROP		BT GRANITE			.05 N	4.30
LH0148RD	615613	1535428	OUTCROP		BT GRANITE	SERICITE		.05 N	.20
LH0148RG	615613	1535428	OUTCROP		BT GRANITE		PY,MO	.05 N	2.30
LH0149RA	620213	1540542	OUTCROP	WINDY FORK PL.	BT GRANITE	FRESH		.05 N	4.60
LH0149RB	620213	1540542	OUTCROP	WINDY FORK PL.	MAFIC ZENOLITH	FRESH		.05 N	3.30
LH0150RA	620232	1540642	OUTCROP	WINDY FORK PL.	MONZONITE PORPH.	FRESH		.05 N	.75
LH0150RB	620232	1540642	OUTCROP	WINDY FORK PL.	HB GRANITE	FRESH		.05 N	10.00
LH0151RB	620055	1540927	OUTCROP	WINDY FORK PL.	BT HB GRANITE	FRESH		.05 N	5.30
LH0151RC	620055	1540927	FLOAT	WINDY FORK PL.	HB GRANITE	FRESH	SP	.05 N	8.30
LH0151RD	620055	1540927	OUTCROP		CONTACT BRECCIA			.05 N	1.90
LH0151RE	620055	1540927	FLOAT		BT GRANITE	FRESH		.05 N	6.00
LH0154R	612149	1533730	FLOAT	KAHILTNA	GREYWACKE	QTZ VEINS	PY,IM	.05 N	.20
LH0156R	612416	1533312	FLOAT		APHAN. VOLCANIC	CHLORITE	PY	.05 N	.30
LH0158R	612526	1532922	FLOAT		FELSITE PORPH.		PY	.05 N	.25
LH0207R	614238	1533004	FLOAT		SILICA SINTER			.05 N	18.00
LH0225R	613052	1532214	OUTCROP		GRANITE		PY	.05 N	5.40
LH0228R	613327	1532110	FLOAT		GABBRO			.05 N	1.00
LH0240RA	614415	1531150	OUTCROP		APHAN. VOLCANIC	QTZ CHLOR VEINS	FL	.05 L	13.00
LH0240RB	614415	1531150	OUTCROP		GRANITE		MA,MO	.05 N	34.00
LH0240RC	614415	1531150	OUTCROP		GRANITE	ARGILLIC	IM	.05 N	12.00
LH0240RD	614415	1531150	OUTCROP		GRANITE	ARGILLIC	PY	.05 N	2.90
LH0240RE	614415	1531150	OUTCROP		GRANITE	QTZ CHLOR VEINS	PY	.05 N	7.80
LH0241RA	614431	1531126	OUTCROP		GABBRO	MANGANESE OXIDES	MT	.05 N	3.50
LH0242R	614617	1533415	FLOAT	KAHILTNA	GREYWACKE	QTZ CALCITE VEIN		.05 N	.20

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Latitude	Longitude	Source	Unit/Terrane	Rocktype	Alteration	Minerals	Au-AA	U-FL
LH0243R	614924	1533233	FLOAT	KAHILTNA	GREYWACKE	QTZ CALCITE VEIN	PY	.05 N	.10
LH0244R	614747	1532524	FLOAT	KAHILTNA	GREYWACKE	QTZ CALCITE VEIN	CP	.05 N	.10
LH0246R	615202	1531953	FLOAT		DACITE	DISS. PYRITE	PY	.05 N	.45
LH0257R	613852	1534314	FLOAT		BT GRANITE		PY	.05 N	20.00
LH0260R	612727	1530105	FLOAT	KAHILTNA	GREYWACKE	QTZ VEINS	PO,PY	.05 N	.05
LH0273R	612053	1530455	FLOAT		QTZ VEIN	QTZ VEIN	PO,PY	.05 N	1.20
LH0277RA	612659	1530619	OUTCROP		QTZ MONZONITE	PROPYLLITIC	PY	.05 N	.25
LH0277RB	612659	1530619	OUTCROP		QTZ MONZONITE	SILICIFIED	PY	.05 N	.45
LH0277RC	612659	1530619	OUTCROP		QTZ MONZONITE	SILICIFIED	PY,IM	.05 N	1.30
LH0277RD	612659	1530619	OUTCROP		QTZ MONZONITE	ARGILLIC	PY	.05 N	.90
LH0278RA	612658	1530614	OUTCROP		APHAN. VOLCANIC	QTZ SERICITE PY	PY	.05 N	.55
LH0282RA	611531	1531732	FLOAT	KAHILTNA	SANDSTONE	DISS. PY	PY	.05 L	.25
LH0282RB	611531	1531732	FLOAT		BT GRANITE	SERICITE	PY	.05 N	1.40
LH0289R	610929	1530656	FLOAT		GRANITE	SILICIFIED	PY	.05 N	6.20
LH0294R	610460	1531927	FLOAT	KAHILTNA	GREYWACKE	QTZ VEINS	PY	.05 N	.20
LH0295RA	615645	1535937	FLOAT	DILLINGER	QUARTZITE		PY	.05 N	5.30
LH0295RB	615645	1535937	FLOAT	DILLINGER	CALC-SILICATE			.05 N	1.50
LH0296RA	615755	1535524	FLOAT	DILLINGER	CALC-SILICATE		PO,PY	.05 N	1.10
LH0296RB	615755	1535524	FLOAT	DILLINGER	CALC-SILICATE		PY,PO	.05 L	.60
LH0306R	614115	1533331	FLOAT	KAHILTNA	BRECC. GREYWACKE	VUGGY SILICA		.05 N	23.00
LH0307R	614111	1533032	FLOAT		RHYOLITE PORPH.			.05 N	12.00
LH0308R	613901	1533133	FLOAT		RHYOLITE	ARGILLIC	PY	.05 N	6.90
LH0310R	613841	1533154	OUTCROP	KAHILTNA	GRAPHITIC SCHIST		AD	.05 N	1.30
LH0311RA	613633	1533608	FLOAT	KAHILTNA	BRECCIA	SILICIFIED		.05 N	12.00
LH0311RB	613633	1533608	FLOAT		FELSITE PORPHYRY		MT	.05 N	2.80
LH0311RC	613633	1533608	OUTCROP	KAHILTNA	BRECCIA	QTZ CARB. MATRIX		.05 N	.25
LH0316RA	613136	1532833	MORAINNE		BRECCIA	SILIC. SERICITE	PY	.05 N	.10
LH0316RB	613136	1532833	FLOAT		GRANITE	QTZ SERICITE PY	PY	.05 N	.10
LH0316RC	613136	1532833	FLOAT		BRECCIA	QTZ SERICITE PY	PY	.05 N	3.40
LH0317R	613103	1532650	FLOAT	KAHILTNA	GREYWACKE	QTZ VEINS	PY	.05 N	.55
LH0320RA	612950	1530842	FLOAT		CRYSTAL TUFF	ARGILLIC	PY	.05 N	1.50
LH0320RB	612950	1530842	FLOAT		BRECCIA		PY, PO	.05 N	5.40
LH0321R	613237	1530914	FLOAT		QTZ VEIN		PY	.05 N	.55
LH0322R	613308	1531023	FLOAT		QTZ FELD PORPH.	SERICITE	IM	.05 N	.10
LH0323RA	613302	1531032	FLOAT		FELDSPAR PORPH.	SERICITE		.05 N	.20
LH0323RB	613302	1531032	FLOAT		FELSITE	SILICIFIED	PY	.05 N	1.10
LH0327RA	613841	1530612	FLOAT		BRECCIA		IM	.05 N	23.00
LH0327RB	613841	1530612	FLOAT		RHYOLITE PORPH.	SERICITE	PY	.05 N	1.20
LH0328R	613922	1531010	FLOAT		TUFF	QTZ VEINS		.05 N	1.00
LH0330R	614120	1530156	FLOAT		GRANODIORITE	CHLORITE	MA	.05 N	.00
LH0331RA	613544	1532924	FLOAT		QTZ CARB VEIN			.05 N	.20
LH0331RB	613544	1532924	FLOAT		GRANITE	SERICITE		.05 N	3.50
LH0331RC	613544	1532924	FLOAT		APLITE	SERICITE	PY	.05 N	6.10
LH0334RA	615958	1535344	FLOAT		CHERT	QTZ CARB VEIN	PY	.05 N	.90
LH0335R	614556	1533844	FLOAT		GRANITE	QTZ VEINS	PY,CP	.05 N	2.00
LH0337R	614808	1534823	FLOAT		GRANITE	QTZ VEINS	MO,CP	.05 N	3.20
LH0339R	614655	1534821	FLOAT		GRANITE		MO,PY	.05 N	12.00
LH0340RA	614633	1534816	FLOAT		GRANITE	SERICITE	CP	.05 N	3.80
LH0340RB	614633	1534816	FLOAT		MONZONITE	DISSEM. PY	PY,CP	.05 N	.55
LH0344R	615107	1532637	FLOAT	KAHILTNA	HORNF. GREYWACKE	QTZ VEINS	PY	.05 N	1.30
LH0346RA	615207	1532752	FLOAT	KAHILTNA	BRECCIA	SILICIFIED	PY	.40	.25

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Latitude	Longitude	Source	Unit/Terrane	Rocktype	Alteration	Minerals	Au-AA	U-FL
LH0346RB	615207	1532752	FLOAT		FELSITE BRECCIA	QTZ SERICITE PY	PY,AS	.55	.35
LH0353RA	612159	1530021	FLOAT		QTZ PORPHYRY	SERICITE	PY,AS	.05 N	3.70
LH0353RB	612159	1530021	FLOAT		GRANITE PORPHYRY	SILICIFIED	PY	.05 N	.85
LH0358RA	612729	1530620	OUTCROP		FELSITE PORPHYRY	ARGILLIC	PY	.05 N	.55
LH0359RA	612724	1530628	OUTCROP		GRANITE PORPHYRY	SERICITE	PY	.05 N	.75
LH0359RB	612724	1530628	OUTCROP		GRANITE	QTZ SERICITE PY	PY,MO	.05 N	.50
LH0359RC	612724	1530628	OUTCROP		GRANITE	QTZ SERICITE PY	PY	.05 N	.85
LH0364R	611424	1531926	FLOAT		HB BT GRANITE		PY	.05 N	.65
LH0365R	611428	1531935	FLOAT		GABBRO	CHLORITE		.05 N	.60
LH0375R	610306	1530519	FLOAT		DIORITE	CHLORITE		.05 N	.70
LH0377R	610407	1531652	FLOAT		GRANITE		PY	.05 N	1.60
LH0378R	615608	1530232	FLOAT	DILLINGER	SILTSTONE	QTZ CARB VEINS		.05 N	.45
LH0379R	615727	1535907	FLOAT		CALC-SILICATE		PY	.05 N	2.30
LH0390R	615344	1534714	OUTCROP		GRANITE PORPHYRY		MO	.05 N	5.40
LH0391R	615346	1534659	OUTCROP		GRANITE	QTZ VEINS	MO	.05 N	5.70
LH0392R	615340	1534654	OUTCROP		GRANITE PORPHYRY	QTZ VEIN	GA,PY	.05 N	25.00
LH0398R	615142	1541217	FLOAT	DILLINGER	SILTSTONE	QTZ VEINS	PY	.05 N	1.70
LH0410R	615108	1541055	FLOAT	DILLINGER	SILTSTONE	SILICIFIED	PY	.05 N	1.70
LH0412RA	614622	1540342	FLOAT	DILLINGER	GREYWACKE	SILICIFIED	PY	.05 N	2.00
LH0412RB	614622	1540342	FLOAT		GRANITE		PY,AS	.70	8.30
LH0419R	615221	1530154	FLOAT	KAHILTNA	BLACK SCHIST	QTZ CARB VEINS	PY	.05 N	.50
LH0421R	614939	1530915	FLOAT	KAHILTNA	SILTSTONE		PY	.05	1.10
LH0423R	613546	1534531	FLOAT	KAHILTNA	GREYWACKE	QTZ CARB VEINS	PY	.05 N	.05
LH0432R	612543	1534230	FLOAT		CHERT		PY	.05 N	2.80
LH0440RA	612507	1532919	FLOAT		WELDED TUFF	SPERULITIC	PY	.05 N	.40
LH0440RB	612507	1532919	FLOAT		TUFF	QTZ VEINS	PY	.05 N	.65
LH0467R	615643	1532701	FLOAT	KAHILTNA	GREYWACKE	QTZ CARB VEINS		.05 N	.05
LH0500R	614723	1540410	FLOAT	DILLINGER	CALC-SILICATE		PY	.05 N	.30
LH0501R	614532	1540223	FLOAT		GRANITE		PY	.05 N	9.60
LH0502RA	613658	1532036	OUTCROP		FELSITE DIKE	CARBONATE CLAY	IM	.05 N	.50
LH0502RB	613658	1532036	OUTCROP		RHYOLITE DIKE		PY	.05 N	.45
LH0503R	613644	1531955	OUTCROP		RHYOLITE PORPH.		PY	.05 N	.60
LH0504RA	613642	1531952	OUTCROP		GRANITE		PY	.30	.10
LH0504RB	613642	1531952	OUTCROP		RHYOLITE		PY	.05 N	.15
LH0504RC	613642	1531952	OUTCROP	KAHILTNA	GREYWACKE	SILICIFIED	PY	.05 N	.35
LH0504RD	613642	1531952	OUTCROP		TUFF	ARGILLIC		.05 N	.30
LH0504RE	613642	1531952	OUTCROP		VITRIC TUFF			.05 N	.15
LH0505R	613153	1532636	OUTCROP		RHYOLITE PORPH.	SILICIFIED		.05 N	7.10
LH0506R	613205	1532630	OUTCROP		RHYOLITE PORPH.	ARGILLIC	PY	.05 N	2.50
LH0508R	613526	1531630	FLOAT	KAHILTNA	GREYWACKE	QTZ VEIN		.05 N	.85
LH0511R	614101	1531207	FLOAT		GRANITE	QTZ VEINS	PY	.05 N	.30
LH0514R	614748	1530510	FLOAT	KAHILTNA	GREYWACKE	QTZ VEIN	PY	.05 N	.65
LH0617RB	613659	1534836	MORaine		QTZ VEIN			.05 N	4.30
LH0625R	612625	1534207	FLOAT		RHYOLITE	SILICIFIED	PY,AS	.05 N	1.90
LH0625RB	612625	1534207	FLOAT		RHYOLITE PORPH.	SILICIFIED	PY	.05 N	9.70
LH0627R	614148	1531436	OUTCROP		GRANITE PORPHYRY	SILICIFIED	PY	.05 N	9.00
LH0627RC	614148	1531436	OUTCROP		GRANITE	SILICIFIED	FL	.05 N	6.90
LH0627RD	614148	1531436	OUTCROP		GRANITE	ARGILLIC	PY	.05 N	4.70
LH0627RE	614148	1531436	OUTCROP		BRECC. GRANITE	SILICIFIED	FL,PY,MO	.05 N	9.90
LH0627RF	614148	1531436	OUTCROP		GRANITE	ARGILLIC	PY	.05 N	6.70
LH0629R	612331	1535659	FLOAT		BT HB GRANITE			.05 N	23.00

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Latitude	Longitude	Source	Unit/Terrane	Rocktype	Alteration	Minerals	Au-AA	U-FL
LH0631RA	612845	1535513	FLOAT		BT GRANITE	GREISEN	TR	.05 N	7.40
LH0639R	614524	1534033	OUTCROP	KAHILTNA	GREYWACKE	QTZ CARB VEIN	PY,SL,GA	.05 N	.70
LH0639RB	614524	1534033	OUTCROP	KAHILTNA	GREYWACKE	QTZ VEIN	PY	.25	.20
LH0639RC	614524	1534033	OUTCROP		APHANITIC DIKE		PY	.05 N	1.60
LH0639RD	614524	1534033	OUTCROP	KAHILTNA	GREYWACKE	FRESH		.05 N	.45
LH0639RE	614524	1534033	OUTCROP	KAHILTNA	GREYWACKE	QTZ VEIN	PO	.05 L	.25
LH0640R	614521	1534011	OUTCROP	KAHILTNA	GREYWACKE	QTZ VEIN	PO	.10	.05
LH0641RB	614506	1534016	OUTCROP		BT MONZONITE	QTZ VEINS	PY,PO	.05 N	.90
LH0642R	614512	1533955	OUTCROP	KAHILTNA	GREYWACKE	QTZ CARB VEIN	PO,PY	.05 L	.25
LH0643RA	615647	1532619	FLOAT		TUFF	CHLORITE	PY	.05 N	.25
LH0643RB	615647	1532619	OUTCROP	KAHILTNA	GREYWACKE	QTZ CARB VEINS		.05 N	.35
LH0644R	615733	1533049	FLOAT		QTZ PORPHYRY	SERICITE	PO	.05 N	1.70
LH0647R	615102	1531516	FLOAT		AGGLOMERATE	ARGILLIC	IM	.05 N	.75
LH0648R	615026	1531702	OUTCROP		SMKY QTZ PORPH.	QTZ VEINS	PY	.05 N	.20
LH0649R	615019	1531702	OUTCROP		SMKY QTZ PORPH.		PY	.05 N	.65
LH0703R	614902	1530247	FLOAT	KAHILTNA	GREYWACKE			.05 N	.50
LH0800RA	615207	1535346	OUTCROP		QTZ MONZONITE	QTZ VEINS	MO,PY,AS	.05	17.00
LH0802RA	615056	1535255	MORaine		GRANITE	QTZ SERICITE PY	PY,CP,AS	.05 N	9.70
LH0802RB	615056	1535255	MORaine		GRANITE	QTZ VEIN	PY,CP	.05 N	7.20
LH0802RC	615056	1535255	MORaine		APLITE		AS,PY	.05 N	7.50
LH0803RA	615050	1535254	FLOAT		GRANITE PORPHYRY			.05 N	4.40
LH0803RB	615050	1535254	FLOAT		DIORITE PORPHYRY			.05 N	1.70
LH0803RC	615050	1535254	FLOAT		GRANITE	POTASSIC		.05 N	9.50
LH0803RD	615050	1535254	FLOAT		QTZ MONZONITE		AS	.05 N	4.30
LH0804R	615105	1541743	FLOAT	DILLINGER	GREYWACKE	DISSEM. PY	PY	.05 N	.15
LH0805RA	615603	1532953	OUTCROP	KAHILTNA	CONTACT BRECCIA	QTZ CARB VEINS	IM	.05 N	.35
LH0805RB	615603	1532953	OUTCROP	HARTMAN SEQUENCE	MONZONITE	SILICIFIED	PO	.05 N	1.10
LH0805RC	615603	1532953	OUTCROP		RIBBON QTZ VEIN	QTZ CARBONATE		.05 N	.20
LH0805RD	615603	1532953	OUTCROP	KAHILTNA	GREYWACKE		IM	.05 N	1.70
LH0805RE	615603	1532953	OUTCROP	KAHILTNA	VEIN BRECCIA	QTZ CARBONATE		.05 N	.35
LH0805RF	615603	1532953	OUTCROP	KAHILTNA	GREYWACKE	QTZ VEINS	PY,AS	.05 N	1.00
LH0806RA	615607	1533004	OUTCROP	KAHILTNA	GREYWACKE	QTZ VEIN	PY,CP,AS	.05 N	.20
LH0807RA	615609	1533012	OUTCROP		QTZ CARB BRECCIA		PY	.05 N	.20
LH0807RB	615609	1533012	OUTCROP	KAHILTNA	GREYWACKE	QTZ VEIN	IM	.05 N	.15
LH0809RA	615619	1533028	OUTCROP	KAHILTNA	BRECCIA VEIN	QTZ PYRITE	PY,AS,CP	1.00	.30
LH0810RA	615629	1533012	OUTCROP	KAHILTNA	GREYWACKE	PY VEINS	PY,AS	.05	.60
LH0811RA	615631	1532958	TALUS	KAHILTNA	GREYWACKE	CARBONATE VEIN	PY,SL	.05 N	.40
LH0811RB	615631	1532958	TALUS	HARTMAN SEQUENCE	MONZONITE	SILICIFIED	PY	.05 N	2.30
LH0812RA	615614	1532939	TALUS	HARTMAN SEQUENCE	MONZONITE	QTZ VEINS	PY,CP,AS	.05 N	4.00
LH0813RA	615609	1532932	OUTCROP	HARTMAN SEQUENCE	MONZONITE	QTZ VEIN	PY,CP,AS	.05 L	2.90
LH0814RA	615554	1532845	OUTCROP	HARTMAN SEQUENCE	MONZONITE	QTZ VEIN	CP,PY	.70	6.40
LH0816RA	614516	1534111	TALUS	KAHILTNA	GREYWACKE	QTZ VEIN	PY	.10	.20
LH0817RA	614506	1534031	OUTCROP	KAHILTNA	HORNFELS	CALC-SIL. VEIN	PY,SC	.25	1.40
LH0817RB	614506	1534031	OUTCROP	HARTMAN SEQUENCE	MONZONITE	CARBONATE VEIN	SC	.05 N	.10
LH0817RC	614506	1534031	OUTCROP	HARTMAN SEQUENCE	APLITE		SC,AS	.20	33.00
LH0817RD	614506	1534031	OUTCROP	KAHILTNA	GREYWACKE	QTZ CARB VEINS	PY,CP	.30	1.20
LH0818RA	614502	1534019	OUTCROP	KAHILTNA	GREYWACKE	CALC-SIL. VEIN	PY,AS	2.00	.60
LH0819RA	614512	1533935	MORaine	KAHILTNA	GREYWACKE	QTZ CHLOR VEIN	PY	.15	.05
LH0819RB	614512	1533935	MORaine	KAHILTNA	GREYWACKE	QTZ VEIN	PY,AS	19.00	.55
LH0821RB	614627	1533739	OUTCROP	HARTMAN SEQUENCE	BT QTZ DIORITE	CARBONATE	PY	.05 N	3.70
LH0822RA	614560	1533755	OUTCROP	KAHILTNA	GREYWACKE	FRESH	PY	.05 N	1.10

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Latitude	Longitude	Source	Unit/Terrane	Rocktype	Alteration	Minerals	Au-AA	U-FL
LH0823RA	614560	1533746	OUTCROP	KAHILTNA	GREYWACKE	QTZ VEIN	PY,AS	.05 N	.40
LH0823RB	614560	1533746	OUTCROP	KAHILTNA	GREYWACKE	QTZ VEIN	PY,AS,CP	1.30	.95
LH0824RA	614555	1533732	OUTCROP	KAHILTNA	GREYWACKE	QTZ VEIN	PY	.05 N	.05
LH0824RB	614555	1533732	OUTCROP	KAHILTNA/HARTMAN	VEIN AT CONTACT	QTZ CARBONATE	PY AS,CP,GA,ST,SL	1.90	.35
LH0826RA	614539	1533840	MORaine	KAHILTNA	GRAPHITIC SHALE	STRATIFORM PY	PY	.05 N	.20
LH0826RC	614539	1533840	MORaine	KAHILTNA	MASSIVE SULPHIDE	CARBONATE VEINS	PY	.05 N	.30
LH0829RA	613160	1541360	OUTCROP	TIERED PUP PLUTON	PEGMATITE	TOURMALINIZATION	TR	.05 N	11.00
LH0848RA	611509	1541214	FLOAT		GRANITE	QTZ SERICITE	PY	.05 N	11.00
LH0853RA	610958	1541438	FLOAT	KAHILTNA	GREYWACKE	QTZ VEIN	IM	.05 N	.35
LH0857RA	610539	1541024	OUTCROP	KAHILTNA	SLATE	FRESH		.05 N	.65
LH0864RA	612736	1533851	OUTCROP		GRANITE		MO	.05 N	13.00
LH0866RD	613856	1533912	OUTCROP	HARTMAN SEQUENCE	MONZONITE	QTZ CALCITE VEIN	PY	.05 N	22.00
LH0867RA	613905	1534354	OUTCROP	HARTMAN SEQUENCE	GABBRO	FRESH		.05 N	.30
LH0883RA	611439	1534355	FLOAT	KAHILTNA	GRAPHITIC SCHIST	STRATIFORM PY	PY	.05 N	.10
LH0883RB	611439	1534355	FLOAT	KAHILTNA	GREYWACKE		PY	.05 N	.20
LH0886RA	611237	1534009	FLOAT	KAHILTNA	GREYWACKE	DISSEMINATED PY	PY	.05 N	.30
LH0888RA	611602	1533437	FLOAT	KAHILTNA	GREYWACKE		PY	.05 N	1.10
LH0900RA	615102	1535341	MORaine		GRANITE		PY	.05 N	40.00
LH0900RB	615102	1535341	MORaine		GRANITE	SERICITE	TR,FL,MO	.05 N	7.10
LH0901RA	615146	1540018	FLOAT	DILLINGER	CALC-SILICATE	CARBONATE	IM	.05 N	.35
LH0901RB	615146	1540018	FLOAT	DILLINGER	CALC-SILICATE	CARBONATE	IM	.05 N	.15
LH0902RA	615151	1540044	FLOAT	DILLINGER	QUARTZITE	QTZ CARB VEIN	PY	.05 N	.05
LH0902RB	615151	1540044	FLOAT		GRANITE		PO	.05 N	2.40
LH0903RB	614804	1535801	FLOAT		APLITE DIKE		TR	.05 N	1.90
LH0903RD	614804	1535801	FLOAT	KAHILTNA	GRAPHITIC SHALE	STRATIFORM PY	PY,SL	.05 N	2.20
LH0904RB	614741	1535703	FLOAT		GRANITE	FRACTURED	IM	.05 N	12.00
LH0905RA	614337	1540013	FLOAT		LAPILLI TUFF	CHLORITE	PO	.05 N	.05
LH0905RB	614337	1540013	FLOAT		GRANITE	QTZ SERICITE	PY	.05	2.50
LH0905RC	614337	1540013	FLOAT	KAHILTNA	GREYWACKE	QTZ VEIN	PY	.05 N	.05
LH0906RA	614342	1535958	MORaine	KAHILTNA	SLATE	DISSEMINATED PY	PY	.05 N	.15
LH0909RA	614241	1535660	FLOAT		BT QTZ MONZONITE	QTZ STOCKWORK	PY	.05 N	8.70
LH0909RB	614241	1535660	FLOAT		GRANITE	CHLORITE	PY	.05 N	4.60
LH0910RA	614137	1535659	FLOAT		GRANITE	QTZ VEIN	TR,AS,PY	.05 N	36.00
LH0911RA	613728	1535333	MORaine		GRANITE	SERICITE	PY,SC	.05 N	7.10
LH0912RA	612307	1540429	FLOAT		GRANITE		PY	.05 N	7.90
LH0914RA	612219	1540933	FLOAT	KAHILTNA	GREYWACKE	QTZ CARB VEINS	IM	.05 N	2.20
LH0914RB	612219	1540933	FLOAT		HB DIORITE			.05 N	.25
LH0916RA	611924	1540419	FLOAT		GRANITE	SERICITE	PY	.05 N	17.00
LH0919RA	612014	1540901	FLOAT		GRANITE	PROPYLITIC		.05 N	3.40
LH0920RA	612443	1541237	FLOAT		GRANITE PORPHYRY	CHLORITE	PY	.05 N	.90
LH0920RB	612443	1541237	FLOAT	KAHILTNA	GREYWACKE	QTZ VEINS		.05 N	5.00
LH0922RA	612746	1540807	FLOAT		PEGMATITE		PY	.05 N	9.20
LH0930RA	612420	1541749	FLOAT	KAHILTNA	SLATE	QTZ VEINS		.05 N	.20
LH0935RA	611807	1541430	OUTCROP	TIERED PUP PLUTON	GRANITE	FRESH		.05 N	4.70
LH0936RA	614711	1541930	OUTCROP	DILLINGER	GREYWACKE	CARBONATE VEINS	PY	.05 N	.05
LH0937RA	614730	1542234	FLOAT	DILLINGER	GREYWACKE	CARBONATE VEIN	PY	.05 N	.05
LH0945RA	611922	1532130	FLOAT		GRANITE		MO	.05 N	4.50
LH0945RB	611922	1532130	FLOAT		GRANITE	QTZ SERICITE	PY	.05 N	.65
LH0946RA	611839	1532551	FLOAT		GRANITE	SULPHIDE VEINS	PY	.05 N	1.30
LH0948RA	615934	1544909	FLOAT	DILLINGER	HORNFELS	QTZ VEIN		.05 N	.55
LH0949R	615703	1545129	OUTCROP	DILLINGER	MARL	QTZ VEINS	PY	.05 N	.20

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Latitude	Longitude	Source	Unit/Terrane	Rocktype	Alteration	Minerals	Au-AA	U-FL
LH0953RA	611539	1533356	FLOAT	KAHILTNA	GREYWACKE	SILICIFIED	PY	.05 N	.50
LH0955RA	611414	1532743	FLOAT		GRANITE		PY	.10	2.70
LH0957RA	611146	1532441	FLOAT		GRANITE		PY	.05 N	.25
LH0970RA	614907	1544349	FLOAT	DILLINGER	ARGILLITE			.05 N	1.10
LH0971RA	610547	1533621	FLOAT		APLITE		PY	.05 N	.55
LH0976RA	610312	1533448	FLOAT		DIORITE		PO	.05 N	.20
LH0977RA	610130	1533242	FLOAT		SKARN		PY,CP	.30	3.10
LH0982RA	610253	1532134	FLOAT		QUARTZITE		PY	.05 N	.30
LH1004RA	614449	1535726	OUTCROP	KAHILTNA	GREYWACKE	DISSEMINATED PY	PY	.05 N	.40
LH1006RA	614313	1535714	MORaine		GRANITE	DISSEMINATED PY	PY	.05 N	5.40
LH1008RA	614259	1535808	MORaine	KAHILTNA	GREYWACKE	QTZ CARB VEINS		.05 N	.20
LH1008RB	614259	1535808	MORaine	KAHILTNA	GREYWACKE	QTZ CARB VEINS	IM	.05 L	.10
LH1013RA	613740	1535324	MORaine		GRANITE	QTZ VEIN	PY	.05 N	7.30
LH1014RA	613643	1535939	FLOAT		QTZ VEIN		PY	.05 N	.15
LH1016RA	613508	1535646	MORaine		GRANITE	GRAPHITE INCLUS.		.05 N	4.00
LH1016RB	613508	1535646	MORaine		GRANITE	GRAPHITE INCLUS.	PY	.05 N	.25
LH1017RA	613422	1535742	FLOAT		GRANITE	SILICIFIED	PO	.05 N	5.20
LH1017RB	613422	1535742	FLOAT	KAHILTNA	GREYWACKE	QTZ VEIN	PY	.05 N	.30
LH1017RC	613422	1535742	FLOAT		PEGMATITE			.05 N	.40
LH1018RA	614113	1540303	FLOAT		DIABASE			.05 N	3.10
LH1018RB	614113	1540303	FLOAT		FELDSPAR PORPH.			.05 N	1.40
LH1019RA	614028	1540413	FLOAT	KAHILTNA	HORNFELS	QTZ VEIN	AS,PY,CP,SL	3.00	.15
LH1021RA	614651	1540957	FLOAT		GREYWACKE	DISSEMINATED PY	PY	.05 N	.05
LH1023RA	614619	1540853	FLOAT		GRANITE	SILICIFIED	PY	.05 N	.50
LH1026RA	614259	1540853	FLOAT		APLITE			.05 N	9.50
LH1027RA	614025	1540458	FLOAT	KAHILTNA	GRAPHITIC SCHIST	QTZ VEIN	PY	.30	.05
LH1027RB	614025	1540458	OUTCROP	KAHILTNA	GRAPHITIC SCHIST	QTZ VEIN	AS,PY	1.00	.60
LH1028RA	613842	1540539	FLOAT	KAHILTNA	GREYWACKE	SULPHIDE VEINS	PY	.05 N	12.00
LH1033RA	613127	1540203	MORaine		ANDESITE PORPH.	CHLORITE		.05 N	1.10
LH1034RA	613021	1540007	MORaine		GRANITE	GRAPHITE XENO.		.05 N	7.40
LH1036RA	613103	1540809	FLOAT		PEGMATITE		PO	.05 N	16.00
LH1038RA	615246	1542642	FLOAT	DILLINGER	LIMESTONE	CALCITE VEINS		.05 N	.05
LH1041RA	614643	1541922	FLOAT	DILLINGER	LIMESTONE	CALCITE VEINS	PY	.05 N	.05
LH1053RA	614058	1541821	FLOAT	DILLINGER	SILTONE	DISSEMINATED PO	PO	.05 N	1.60
LH1062RA	613304	1541155	FLOAT		BT GRANITE	CHLORITE	IM	.05 N	2.60
LH1070RA	611301	1531340	MORaine	MERRILL PASS PL.	GRANITE	PEGMATITE VEINS	PY,MO	.05 N	5.50
LH1070RB	611301	1531340	MORaine	MERRILL PASS PL.	GRANITE		IM	.05 N	8.70
LH1070RC	611301	1531340	MORaine	MERRILL PASS PL.	APLITE		IM	.05 N	110.00
LH1070RD	611301	1531340	MORaine	MERRILL PASS PL.	APLITE		IM	.05 N	48.00
LH1071RA	611305	1531339	OUTCROP	MERRILL PASS PL.	GRANITE	QTZ VEIN	MZ,PY	.05 N	100.00
LH1072RA	611318	1531240	OUTCROP	MERRILL PASS PL.	BT GRANITE	DISSEMINATED MO	MO,PY	.05 N	2.30
LH1072RB	611318	1531240	OUTCROP	MERRILL PASS PL.	APLITE		PY	.05 N	7.90
LH1073RA	615721	1535646	OUTCROP		GRANITE	SILICIFIED	PY	.05 N	3.90
LH1073RB	615721	1535646	TALUS	DILLINGER	GRAPHITIC SCHIST		PY	.05 N	.55
LH1073RC	615721	1535646	TALUS	DILLINGER	GREYWACKE	SILICIFIED	PY,SL,GA	.05 N	3.20
LH1074RA	615716	1535655	TALUS	DILLINGER	SANDSTONE	DISSEMINATED PY	PY,CP	.05 N	.50
LH1074RB	615716	1535655	OUTCROP	DILLINGER	FAULT, LIMESTONE	CALC-SILICATE	CP,PY,SL	.05 N	7.30
LH1075RA	614020	1540434	OUTCROP	KAHILTNA	GRAPHITIC SCHIST	STRATIFORM PY	PY	.05 N	3.30
LH1100R	613820	1535344	MORaine		GRANITE		IM	.05 N	6.00
LH1103R	613525	1535522	MORaine		GRANITE		IM	.05 N	6.00
LH1105R	613415	1535718	MORaine		GRANITE	GRAPHITE XENO.	IM	.05 N	2.60

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Latitude	Longitude	Source	Unit/Terrane	Rocktype	Alteration	Minerals	Au-AA	U-Fl
LH1106RA	614101	1540229	FLOAT	KAHILTNA	ARGILLITE	QTZ VEINS	PY	.05 N	.05
LH1106RB	614101	1540229	OUTCROP	KAHILTNA	ARGILLITE	QTZ VEIN	PY	.05 N	.05
LH1107R	614058	1540225	OUTCROP	KAHILTNA	GRAPHITIC SCHIST	DISSEMINATED PY	PY	.05 N	.15
LH1108RA	614841	1541328	FLOAT		GRANITE		IM	.05	3.50
LH1108RB	614841	1541328	FLOAT	KAHILTNA	GREYWACKE	DISSEMINATED PY	PY	.05 N	.70
LH1109R	614832	1541151	FLOAT	KAHILTNA	GREYWACKE	DISSEMINATED PY	PY	.05 N	12.00
LH1110R	614628	1541258	FLOAT	KAHILTNA	GREYWACKE	DISSEMINATED PY	PY	.05 N	1.50
LH1112RA	614511	1541015	MORaine	KAHILTNA	GREYWACKE	DISSEMINATED PY	PY	.05 N	2.50
LH1112RB	614511	1541015	MORaine		GRANITE		IM	.05 N	2.40
LH1114RA	614253	1540737	MORaine	KAHILTNA	GREYWACKE	STRATIFORM PY	PY	.05 N	.35
LH1114RB	614253	1540737	MORaine		GRANITE		IM	.05 N	20.00
LH1115RA	613839	1540455	FLOAT	KAHILTNA	GREYWACKE	DISSEMINATED PY	PY	.05 N	.05
LH1115RB	613839	1540455	FLOAT	KAHILTNA	GREYWACKE	DISSEMINATED PY	PY	.30	.30
LH1116R	613902	1540730	FLOAT		GRANITE		PY	.05 N	1.10
LH1117RA	613630	1540300	FLOAT	KAHILTNA	SLATE	QTZ VEIN	IM	.05 N	.05
LH1117RB	613630	1540300	FLOAT	KAHILTNA	GREYWACKE	QTZ VEIN DISS PY	PY	.05 N	.30
LH1117RC	613630	1540300	FLOAT	KAHILTNA	GREYWACKE	DISSEMINATED PY	PY	.05 N	.10
LH1118R	613541	1540356	FLOAT	KAHILTNA	GREYWACKE	DISSEMINATED PY	PY	.05 N	.60
LH1120R	613216	1540252	FLOAT		GRANITE	QTZ VEIN	PY	.05 N	.05
LH1123R	613007	1541041	FLOAT		GRANITE	DISSEMINATED PY	PY	.05 N	7.00
LH1124R	612924	1540529	FLOAT		GRANITE	DISSEMINATED PY	PY	.05 N	4.50
LH1128R	612410	1540646	FLOAT		FELSITE DIKE	QTZ CARB VEIN	PY	.05 N	.50
LH1134R	611916	1540655	FLOAT		RHYOLITE PORPH.	SILICIFIED	PY	.05 N	3.70
LH1139R	612706	1540716	FLOAT		GRANITE		PY	.05 N	25.00
LH1140R	612942	1541034	FLOAT		GRANITE		PY	.05 N	5.30
LH1154R	614648	1541921	FLOAT	KAHILTNA	GREYWACKE	DISSEMINATED PY	PY	.05 N	.80
LH1155R	612528	1540317	FLOAT		GRANITE		TR, PY	.05 N	5.40
LH1167R	613309	1541605	FLOAT		GRANITE		PY	.05 N	3.30
LH1169R	613045	1541526	FLOAT		GRANITE	QTZ VEINS	PY	.05 N	2.20
LH1176RA	610802	1540824	FLOAT	KAHILTNA	GREYWACKE	QTZ CARB VEIN		.05 N	.15
LH1187RA	610226	1534442	FLOAT	KAHILTNA	GREYWACKE	DISSEMINATED PY	PY	.05 N	.35
LH1191RA	610745	1534008	FLOAT	KAHILTNA	GREYWACKE	DISSEMINATED PY	PY	.05 N	.55
LH1198RA	610459	1534032	FLOAT	KAHILTNA	GREYWACKE	DISSEMINATED PY	PY	.05 N	.35
LH1201RA	610544	1534013	OUTCROP	KAHILTNA	SLATE	STRATIFORM PY	PY	.05 N	.30
LH1217RA	610335	1533409	FLOAT	KAHILTNA	GREYWACKE	DISSEMINATED PY	PY	.05 N	3.40
LH1228RA	610459	1532048	FLOAT	KAHILTNA	GREYWACKE	QTZ VEIN	IM	.05 N	.20
LH1229RA	610526	1532333	FLOAT	KAHILTNA	GREYWACKE	SILICIFIED	PY	.05 N	1.20
LH1230RA	610702	1532122	FLOAT		SERPENTINITE		AS	.05	.15
LH1237RA	613732	1550411	FLOAT	KAHILTNA	GRAPHITIC SLATE	STRATIFORM PY	PY	.05 N	1.20
LH1251RA	615745	1551050	OUTCROP	DILLINGER	SLATE	FRESH		.05 N	7.90
LH1300RA	615954	1544721	FLOAT	DILLINGER	SANDSTONE	DISSEMINATED PY	PY	.05 N	.55
LH1302RA	615727	1545115	FLOAT		BASALT PORPHYRY			.05 L	1.40
LH1308RA	611238	1532828	FLOAT		VOLCANIC BRECCIA	SILICIFIED	PY	.05 L	.45
LH1309RA	611207	1532510	FLOAT		GABBRO		MT	.05 N	.35
LH1310RA	610912	1532425	FLOAT	KAHILTNA	GREYWACKE	QTZ VEINS	PY	.05 L	.45
LH1318RA	610857	1533959	FLOAT	KAHILTNA	BANDED QUARTZITE	DISSEMINATED PY	PY, AS	.90	.60
LH1322RA	610421	1533538	FLOAT		FELSITE	SILICIFIED	PY	.05 L	3.70
LH1329RA	615507	1545437	FLOAT		APHAN. ANDESITE	QTZ CARB VEINS	IM	.05 N	2.10

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Fe-S	Mg-S	Ca-S	Na-S	Ti-S	P-S	Ag-S	As-S	B-S	Ba-S	Be-S
LH0002RA	3.00	1.00	.30	1.5	.200	.2 N	.7	200 N	100	500	2
LH0002RB	5.00	3.00	2.00	3.0	.300	.2 N	.5 N	200 N	10 L	700	1
LH0004RB	1.50	.07	.05 L	3.0	.050	.2 N	.5 L	200 N	70	300	1.5
LH0006R	5.00	1.50	2.00	3.0	.300	.2 N	1.0	200 N	20	700	1.5
LH0008RA	3.00	.20	1.50	3.0	.200	.2 N	.5 N	200 N	10 N	1500	2
LH0008RB	1.50	.15	1.50	2.0	.070	.2 N	.5 N	200 N	10 N	1500	1.5
LH0010R	3.00	.15	1.00	3.0	.070	.2 N	.5 N	200 N	10 N	1500	2
LH0011R	10.00	1.00	2.00	2.0	.200	.2 N	2.0	200 N	10 N	300	1.5
LH0013R	1.50	.20	1.00	.2 L	.010	.2 N	.5 N	200 N	10 N	70	1 N
LH0015RA	.50	.02	.20	3.0	.050	.2 N	.5	200 N	10	70	7
LH0015RB	1.00	.02 L	.15	3.0	.030	.2 N	.5 N	200 N	10 N	30	3
LH0018R	1.00	.07	.05 L	.3	.020	.2 N	.5 N	200 N	150	500	3
LH0023R	3.00	2.00	3.00	3.0	.300	.2 N	3.0	200 N	10 N	1000	3
LH0024R	2.00	.10	.50	3.0	.150	.2 N	.5 N	200 N	10 N	700	5
LH0025R	2.00	.15	.50	3.0	.150	.2 N	.5 N	200 N	10 N	1500	3
LH0026R	3.00	.70	1.50	3.0	.300	.2 N	.5 L	200 N	10	2000	3
LH0029RB	3.00	1.00	.70	1.0	.300	.2 N	.5 L	300	20	700	1 N
LH0031R	5.00	2.00	2.00	1.5	.500	.2 N	.5 N	200 N	15	1000	1.5
LH0034R	3.00	1.00	.50	.5	.150	.2 N	1.0	500	10	200	1 N
LH0037R	3.00	.50	1.50	1.5	.500	.2 N	.5 N	200 N	10 N	1000	1.5
LH0038R	1.50	.10	.70	3.0	.150	.2 N	.5 N	200 N	10 N	1500	2
LH0044R	3.00	.70	.05	1.0	.030	.2 N	.5 N	200 N	30	500	3
LH0047R	.70	.10	.07	3.0	.005	.2 N	15.0	200 N	50	700	5
LH0049R	1.50	.05	.05	3.0	.150	.2 N	.5 N	200 N	10 N	1000	2
LH0053R	1.50	.02 L	.05 L	.2 L	.100	.2 N	5.0	200 N	10 N	50	1
LH0054R	5.00	.02 L	.20	.2 N	.002	.2 N	30.0	10000 G	10	30	1 N
LH0055R	2.00	.05	.05 L	.5	.070	.2 N	5.0	200 N	10 N	1500	1
LH0056RA	3.00	.07	.30	2.0	.500	.2 N	1.5	200 N	10	2000	3
LH0056RB	3.00	.07	.15	1.0	.150	.2 N	1.5	300	10 N	2000	3
LH0056RC	5.00	.50	.30	3.0	.300	.2 N	150.0	200 N	10 N	2000	1.5
LH0056RD	2.00	.20	1.50	3.0	.200	.2 N	.5 N	200 N	10 N	1500	2
LH0060R	1.50	.07	1.00	.2	.100	.2 N	30.0	200 N	10	500	2
LH0063R	7.00	2.00	3.00	3.0	1.000	.5	3.0	200 N	10 N	1000	1.5
LH0065RA	1.00	.10	.70	3.0	.100	.2 N	.5 N	200 N	10 N	700	2
LH0065RB	7.00	1.50	3.00	3.0	.500	.2 N	.5 N	200 N	10 N	500	3
LH0068RA	1.50	.07	.15	1.5	.030	.2 N	.5 L	200 N	10 N	700	2
LH0068RB	2.00	.10	.50	2.0	.150	.2 N	.5 N	200 N	10 N	1500	2
LH0068RC	.70	.10	.05 L	.3	.050	.2 N	.5	200 N	10	700	1.5
LH0072RA	1.50	.07	.50	3.0	.150	.2 N	.5 N	200 N	10 N	700	2
LH0072RB	20.00 G	.20	.05 L	.7	.100	.2 N	2.0	200 N	10 N	70	1.5
LH0086R	7.00	7.00	15.00	.3	.100	.2 N	.5	200 N	500	2000	1.5
LH0087R	1.50	.05	.50	3.0	.070	.2 N	.5 N	200 N	50	150	7
LH0088RA	1.50	.03	.30	3.0	.070	.2 N	.5 N	200 N	20	150	7
LH0088RB	3.00	.02	.20	3.0	.100	.2 N	.5 N	200 N	20	100	10
LH0089R	3.00	.05	.30	3.0	.100	.2 N	.5 N	200 N	10	200	15
LH0090R	3.00	.03	.30	3.0	.100	.2 N	.5 N	200 N	20	150	7
LH0093R	2.00	.15	1.50	3.0	.200	.2 N	.5 N	200 N	10	3000	3
LH0097R	2.00	.15	.70	1.5	.150	.2 N	.5 N	200 N	200	1500	3
LH0099R	3.00	.02 L	.15	3.0	.100	.2 N	.5 N	200 L	70	20 L	10
LH0101R	1.50	.07	3.00	.2 L	.003	.2 N	.5 N	200 N	10 N	70	1 N
LH0102RA	.70	.30	.10	2.0	.030	.2 N	.5 N	200 N	10	200	1 N

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Fe-S	Mg-S	Ca-S	Na-S	Ti-S	P-S	Ag-S	As-S	B-S	Ba-S	Be-S
LH0102RB	3.00	1.00	.50	.2	L .150	.2 N	.5	200 N	20	200	1.5
LH0102RC	3.00	.50	.15	.2	L .050	.2 N	.5 L	200 N	10	70	1 N
LH0102RD	7.00	.20	1.00	3.0	.300	.2 N	3.0	200	10 N	2000	3
LH0102RE	2.00	.02 L	.05	2.0	.003	.2 N	15.0	200 N	10 N	70	5
LH0104RA	15.00	3.00	2.00	.3	.150	1.5	2.0	10000 G	10 N	200	1 N
LH0104RB	3.00	7.00	15.00	.3	.070	.2 N	.5 N	200 N	10 N	70	1 N
LH0108RA	3.00	.20	.70	.7	.100	.2 N	2.0	200 N	10	300	1 N
LH0111RA	2.00	3.00	15.00	1.5	.100	.2 N	.5 N	200 N	10 N	300	1 N
LH0111RB	3.00	5.00	10.00	.2	L .070	.2 N	.5 N	200 N	15	70	1 N
LH0111RC	3.00	7.00	15.00	.2	L .070	.2 N	.5 N	200 N	10	150	1 N
LH0112RA	5.00	2.00	3.00	2.0	.500	.2 N	.5 N	200	70	1000	1.5
LH0112RB	5.00	2.00	2.00	2.0	.500	.2 N	.5 N	200 N	15	1500	2
LH0112RC	2.00	3.00	7.00	1.5	.100	.2 N	.5 N	200	70	150	1
LH0113RA	3.00	.70	1.50	.5	.100	.2 N	.5 N	200 N	10	300	1 N
LH0114RA	1.50	.07	.07	.2	L .050	.2 N	200.0	5000	20	300	1 N
LH0115RA	2.00	.10	.10	.2	N .007	.2 N	2.0	200 N	10 N	70	1 N
LH0131RA	3.00	2.00	10.00	.5	.150	.2 N	2.0	200 N	50	500	3
LH0131RB	3.00	2.00	5.00	1.5	.150	.2 N	.5 L	200 N	70	300	1.5
LH0133R	3.00	.70	5.00	.5	.070	.2 N	.5	200 N	10 N	300	1 N
LH0137RA	5.00	5.00	1.00	.7	.200	.2	.5 N	200 N	10 N	1000	3
LH0137RB	3.00	.50	.30	2.0	.150	.2 N	.5	200 N	2000 G	700	7
LH0137RC	3.00	.70	1.50	1.0	.300	.2 N	.5 L	200 N	10	500	1 N
LH0141R	2.00	.15	.10	1.5	.150	.2 N	.5 N	200 N	10 N	1000	3
LH0143R	3.00	.50	.30	2.0	.200	.2 N	.5 N	200 N	10 N	500	1
LH0147R	3.00	.30	.10	3.0	.300	.2 N	.5 N	200 N	10 N	1500	2
LH0148RA	7.00	3.00	20.00	.5	.300	.2 N	30.0	200 N	30	30	1.5
LH0148RB	1.00	.02 L	.30	3.0	.150	.2 N	.5 L	200 N	10 N	300	5
LH0148RC	1.50	.50	1.50	3.0	.150	.2 N	.5 L	200 N	10 N	1000	2
LH0148RD	2.00	.30	.05 L	.5	.150	.2 N	3.0	200 N	10	500	3
LH0148RG	2.00	.50	1.50	3.0	.150	.2 N	.5 N	200 N	10 N	1000	2
LH0149RA	3.00	.10	.20	3.0	.200	.2 N	.5 N	200 N	10	300	7
LH0149RB	20.00	.70	2.00	3.0	.500	.3	.5 N	200 N	10	2000	5
LH0150RA	7.00	2.00	7.00	3.0	.700	.2	.5 N	200 N	50	1000	1.5
LH0150RB	3.00	.15	1.50	3.0	.300	.2 N	.5 N	200 N	20	1500	7
LH0151RB	3.00	.15	1.00	3.0	.200	.2 N	.5 N	200 N	10 N	1500	7
LH0151RC	3.00	.15	1.00	3.0	.200	.2 N	.5 N	200 N	10 N	1000	5
LH0151RD	3.00	.15	.15	3.0	.150	.2 N	.5 N	200 N	10 N	300	5
LH0151RE	1.50	.05	.30	3.0	.070	.2 N	.5 N	200 N	10 N	200	7
LH0154R	2.00	.70	.30	.2	.100	.2 N	.5 N	200 N	10 N	150	1 N
LH0156R	3.00	.15	1.50	3.0	.700	.2 N	.5	200 N	10	700	1.5
LH0158R	2.00	.05	.20	3.0	.150	.2 N	.5 N	200 N	10 N	2000	2
LH0207R	.10	.20	20.00 G	.2	.050	.2 N	.5 N	200 N	10 N	70	1 N
LH0225R	1.00	.02	.15	3.0	.030	.2 N	.5	200 N	10	70	10
LH0228R	7.00	10.00	7.00	.7	.200	.2 N	.5 N	200 N	20	70	1
LH0240RA	10.00	.10	10.00	.2	.020	.2 N	3.0	200 N	10 N	100	2
LH0240RB	3.00	.10	.30	.7	.070	.2 N	15.0	200 N	10	700	20
LH0240RC	5.00	.10	.15	.2	L .050	.2 N	10.0	200 N	10 N	150	5
LH0240RD	1.50	.05	.20	3.0	.050	.2 N	.5 L	200 N	10 N	500	3
LH0240RE	5.00	.07	.30	1.5	.100	.2 N	1.5	200 N	10 N	700	5
LH0241RA	7.00	3.00	5.00	2.0	1.000	.2	.5 N	200 N	10 N	700	1.5
LH0242R	.20	.03	.05	.2	L .050	.2 N	.5 N	200 N	10 N	30	1 N

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Fe-S	Mg-S	Ca-S	Na-S	Ti-S	P-S	Ag-S	As-S	B-S	Ba-S	Be-S
LH0243R	1.50	.07	10.00	.2 L	.007	.2 N	1.5	300	10 N	30	1 N
LH0244R	1.00	.20	.70	.2 L	.010	.2 N	5.0	200 N	10 N	100	1 N
LH0246R	3.00	.15	1.50	2.0	.200	.2 N	.5 L	200 N	10	1500	2
LH0257R	1.50	.05	.15	3.0	.005	.2 N	2.0	200 N	20	300	2
LH0260R	7.00	.70	3.00	1.0	.200	.2 N	.5 N	200 N	10 N	200	1 N
LH0273R	7.00	2.00	3.00	1.5	.500	.2 N	.5 N	200 L	10	300	1.5
LH0277RA	3.00	.15	.05 L	.3	.100	.2 N	5.0	200 N	10	700	2
LH0277RB	5.00	.15	.05 L	.3	.100	.2 N	.7	200 N	10	700	1.5
LH0277RC	2.00	.02	.05 L	.5	.050	.2 N	.5 L	200 N	10 N	700	1 N
LH0277RD	1.50	.07	.30	3.0	.100	.2 N	.5 L	200 N	10 N	1500	1.5
LH0278RA	2.00	.15	.05 L	.3	.100	.2 N	.5	200 N	10 N	1500	2
LH0282RA	5.00	.70	.50	1.5	.500	.2 N	1.0	200 N	10	1000	1.5
LH0282RB	5.00	.30	1.50	3.0	.150	.2 N	.5	200 N	10 N	500	3
LH0289R	1.50	.03	.05 L	.3	.050	.2 N	.5 N	200 N	10 N	700	2
LH0294R	7.00	2.00	5.00	.3	.300	.2 N	.5 N	200 N	10	700	1.5
LH0295RA	20.00	5.00	20.00	3.0	.070	.2 N	15.0	200 N	20	100	7
LH0295RB	7.00	2.00	15.00	1.5	.300	.2 N	.5 N	200 N	10	300	1.5
LH0296RA	20.00	5.00	20.00	.2 L	.030	.2 N	15.0	200 N	10	100	2
LH0296RB	10.00	2.00	15.00	.2 L	.010	.2 N	2.0	700	10 N	20 N	1
LH0306R	1.00	.10	20.00 G	.7	.070	.2 N	.5 N	200 N	10 N	300	1 N
LH0307R	1.50	.07	.30	3.0	.020	.2 N	.5 N	200 N	30	500	5
LH0308R	1.00	.05	.50	1.5	.020	.2 N	1.0	200 N	150	100	3
LH0310R	7.00	1.50	.50	1.0	.500	.2 N	.5 N	200 N	70	1500	2
LH0311RA	3.00	.15	15.00	.3	.150	.2 N	.5	200 N	10	300	1 N
LH0311RB	3.00	.50	1.50	3.0	.300	.2 N	.5 N	200 N	10 N	3000	2
LH0311RC	2.00	.50	1.00	1.0	.150	.2 N	.5 N	200 N	20	500	1 N
LH0316RA	1.50	.70	.15	2.0	.300	.2 N	.7	200 N	2000	150	1.5
LH0316RB	5.00	.70	.20	3.0	.500	.2 N	.5	200 N	2000 G	50	1.5
LH0316RC	1.50	.70	1.50	3.0	.500	.2 N	.5 N	200 N	700	700	1.5
LH0317R	5.00	1.50	1.50	2.0	.500	.2 N	.5 N	200 N	10	500	1
LH0320RA	1.00	.02 L	.20	3.0	.100	.2 N	.5 N	200 N	10 N	1500	1.5
LH0320RB	15.00	.10	3.00	.7	.050	.2 N	.7	200 N	10 N	300	3
LH0321R	3.00	.20	.05 L	.5	.150	.2 N	1.5	200 N	10 N	500	1.5
LH0322R	3.00	.70	2.00	2.0	.300	.2 N	.5 N	200 N	10 N	1000	1.5
LH0323RA	5.00	1.00	3.00	3.0	.500	.2 N	.5 N	200 N	10 N	1500	1.5
LH0323RB	7.00	.20	.20	.5	.300	.2 N	1.0	200 N	10 N	1000	1.5
LH0327RA	7.00	.15	.10	.3	.150	.2 N	2.0	200 N	20	300	10
LH0327RB	3.00	.20	.05 L	.2	.200	.2 N	1.5	200 N	15	1000	3
LH0328R	2.00	.03	1.50	2.0	.070	.2 N	.5 L	200 N	10 N	150	7
LH0330R	10.00	2.00	.15	.3	.300	.2 N	50.0	700	20	300	1.5
LH0331RA	3.00	5.00	20.00	.5	.050	.2 N	.5 N	200 N	10 N	100	1 N
LH0331RB	2.00	1.50	7.00	1.5	.050	.2 N	.5 N	200 N	70	1000	3
LH0331RC	1.50	.07	.07	2.0	.070	.2 N	.5 N	200 N	100	500	3
LH0334RA	7.00	2.00	5.00	1.0	.300	.2 N	.5 N	200 L	50	2000	2
LH0335R	3.00	1.50	2.00	3.0	.300	.2 N	.5 N	200 N	10	2000	1.5
LH0337R	2.00	.15	.70	3.0	.200	.2 N	.5 N	200 N	10 N	1500	2
LH0339R	2.00	.10	.50	3.0	.100	.2 N	.5 N	200 N	10 N	700	5
LH0340RA	5.00	.10	.30	2.0	.200	.2 N	.5 L	200 N	10	1500	2
LH0340RB	7.00	2.00	5.00	3.0	.700	.2	.5 N	200 N	10 N	1500	1.5
LH0344R	7.00	2.00	1.50	1.5	.500	.2 N	.5	200 N	100	2000	2
LH0346RA	3.00	1.00	1.50	.2 L	.100	.2 N	.5	5000	50	100	1 N

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Fe-S	Mg-S	Ca-S	Na-S	Ti-S	P-S	Ag-S	As-S	B-S	Ba-S	Be-S
LH0346RB	5.00	.10	.05 L	.2 L	.070	.2 N	10.0	300	70	150	1 N
LH0353RA	1.00	.05	.05 L	3.0	.050	.2 N	.5 N	200 N	10 N	150	1.5
LH0353RB	1.50	.05	.05	2.0	.070	.2 N	.5 N	200 N	10 N	150	2
LH0358RA	3.00	.20	2.00	3.0	.200	.2 N	.5 N	200 N	10 N	1500	1.5
LH0359RA	2.00	.15	.05 L	.2	.150	.2 N	1.5	200 N	10 N	1500	1.5
LH0359RB	3.00	.10	.05 L	.3	.050	.2 N	.5	200 N	10 N	1500	1.5
LH0359RC	1.50	.10	.05 L	.3	.100	.2 N	.5	200 N	10 N	700	1.5
LH0364R	1.50	.10	.50	3.0	.100	.2 N	.5 N	200 N	10 N	700	2
LH0365R	7.00	5.00	10.00	1.5	.150	.2 N	.5 N	200 N	10 N	70	1 N
LH0375R	7.00	3.00	7.00	2.0	.500	.2 N	.5 N	200 N	10	700	1 N
LH0377R	10.00	3.00	15.00	.2	.020	.2 N	1.5	200 N	10 N	5000	1 N
LH0378R	7.00	3.00	2.00	1.5	.500	.2 N	.5 L	200 N	70	5000	1.5
LH0379R	5.00	7.00	7.00	.5	.100	.2 N	.7	200 N	150	200	1 N
LH0390R	2.00	.15	.70	3.0	.150	.2 N	.5 N	200 N	10 N	700	5
LH0391R	1.00	.07	1.00	3.0	.100	.2 N	.5 N	200 N	10 N	300	5
LH0392R	3.00	.05	.05 L	.2	.100	.2 N	150.0	300	20	200	5
LH0398R	1.50	.10	.70	1.0	.100	.2 N	.5 N	200 L	10	300	1 N
LH0410R	5.00	3.00	10.00	2.0	.300	.2 N	.5 N	200 N	20	700	1.5
LH0412RA	7.00	1.50	15.00	.7	.300	.2 N	1.0	200 N	50	1500	1.5
LH0412RB	2.00	.15	.50	3.0	.070	.2 N	1.0	3000	20	300	5
LH0419R	3.00	.50	3.00	.3	.200	.2 N	.5 N	200 N	30	500	1 N
LH0421R	7.00	2.00	3.00	1.0	.700	.2 N	.5 N	200	30	1000	2
LH0423R	1.00	.15	.70	.2 L	.010	.2 N	.5 N	200 N	10 N	70	1 N
LH0432R	3.00	.15	.70	3.0	.200	.2 N	.5 L	200 N	10 N	2000	3
LH0440RA	1.00	.07	.10	3.0	.150	.2 N	.5 N	200 N	10 N	1500	3
LH0440RB	2.00	.05	.50	3.0	.150	.2 N	.5 N	200 N	10 N	1500	3
LH0467R	5.00	7.00	15.00	.2 L	.020	.2 N	.5 N	200 L	10 N	100	1 N
LH0500R	10.00	7.00	5.00	1.5	1.000	.2 N	.5 N	200 N	2000 G	700	1.5
LH0501R	2.00	.07	.10	3.0	.100	.2 N	.5 L	200	10	3000	2
LH0502RA	3.00	.07	.15	3.0	.200	.2 N	.5 L	200 N	10 N	2000	1.5
LH0502RB	2.00	.07	.10	2.0	.150	.2 N	.5 L	200 N	10 N	1500	1.5
LH0503R	1.50	.03	.10	3.0	.150	.2 N	.5 L	200 N	10 N	3000	2
LH0504RA	1.00	.15	.05 L	.3	.300	.2 N	1.5	200 N	100	700	1.5
LH0504RB	.70	.15	.05 L	.3	.300	.2 N	.5	200 N	700	1000	1
LH0504RC	1.00	.10	.05 L	.3	.500	.2 N	1.0	200 N	70	1000	1.5
LH0504RD	3.00	.10	.20	3.0	.100	.2 N	.5 L	200 N	10	1000	1.5
LH0504RE	1.00	.03	.30	3.0	.050	.2 N	.5 N	200 N	20	1500	3
LH0505R	1.50	.07	.50	2.0	.070	.2 N	.5 L	200 N	30	150	3
LH0506R	1.50	.07	.20	3.0	.050	.2 N	.5 L	200 N	50	300	2
LH0508R	15.00	1.50	.50	.2 L	.150	.5	5.0	200 N	10 N	70	1 N
LH0511R	1.00	.30	.50	.2 L	.020	.2 N	.5 L	200 N	10 N	70	1 N
LH0514R	7.00	2.00	5.00	1.5	.700	.2 N	.5 N	200 L	500	500	3
LH0617RB	.50	.10	.07	.2	.050	.2 N	.5 N	200 N	150	200	5
LH0625R	1.50	.02 L	.10	3.0	.050	.2 N	.5 L	3000	10 N	1000	1.5
LH0625RB	3.00	.70	.30	1.5	.300	.2 N	1.0	200 N	10 N	1500	3
LH0627R	.30	.03	.10	1.5	.020	.2 N	2.0	200 N	10 N	100	3
LH0627RC	.20	.05	1.00	3.0	.030	.2 N	1.0	200 N	10	100	5
LH0627RD	.20	.05	.05 L	3.0	.030	.2 N	5.0	200 N	10 N	100	7
LH0627RE	1.50	.05	20.00	.3	.020	.2 N	5.0	300	10 N	100	2
LH0627RF	.30	.02	.05 L	3.0	.020	.2 N	1.5	200 N	10	70	5
LH0629R	3.00	.30	.70	3.0	.200	.2 N	.5	200 N	1500	1500	3

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Fe-S	Mg-S	Ca-S	Na-S	Ti-S	P-S	Ag-S	As-S	B-S	Ba-S	Be-S
LH0631RA	.70	.10	.70	3.0	.200	.2 N	.5 L	200 N	2000	70	3
LH0639R	5.00	2.00	10.00	1.0	.500	.2 N	.5 N	200 N	10	5000	1.5
LH0639RB	3.00	.70	5.00	.2 L	.005	.2 N	.5 N	2000	30	150	1 N
LH0639RC	7.00	.70	2.00	3.0	.700	.2 L	.5 N	200 N	10	2000	3
LH0639RD	5.00	2.00	1.50	1.5	.500	.2 N	.5 L	200 N	20	2000	1.5
LH0639RE	1.00	.20	.70	.2 L	.150	.2 N	.5 N	200 N	50	200	1 N
LH0640R	7.00	.30	5.00	.2 L	.010	.2 N	.5 N	200 N	10	20 L	1 N
LH0641RB	7.00	1.50	5.00	1.0	.300	.2 N	.5	200 N	10 N	1000	1
LH0642R	3.00	1.00	15.00	.2 L	.030	.2 N	.5 L	200 N	10 N	50	1 N
LH0643RA	5.00	3.00	3.00	2.0	.300	.2 N	.5 N	200 N	10	500	1.5
LH0643RB	5.00	1.50	2.00	1.5	.500	.2 N	.5 N	200 N	70	700	1
LH0644R	1.50	.70	2.00	3.0	.500	.2 N	.5 N	200 N	30	700	2
LH0647R	3.00	.50	.20	3.0	.300	.2 N	.5 N	200 N	20	1000	3
LH0648R	1.50	.05	.05 L	.2 L	.030	.2 N	100.0	200 L	70	1500	1 N
LH0649R	2.00	.10	.30	3.0	.200	.2 N	.5 N	200 N	15	2000	1.5
LH0703R	3.00	1.00	3.00	2.0	.300	.2 N	.5 N	200 L	50	700	1.5
LH0800RA	1.50	.10	.30	3.0	.100	.2 N	.7	700	10 N	500	3
LH0802RA	3.00	.15	.50	1.5	.150	.2 N	5.0	500	10 N	300	3
LH0802RB	3.00	.10	.70	3.0	.150	.2 N	3.0	200 N	10 N	700	3
LH0802RC	.70	.02	.50	3.0	.030	.2 N	.5 L	200 N	10 N	70	3
LH0803RA	3.00	.20	.70	3.0	.300	.2 N	.5 N	200 N	10 N	1500	3
LH0803RB	7.00	2.00	5.00	3.0	.700	.2 L	.5 N	200 N	10	500	1.5
LH0803RC	7.00	.07	3.00	5.0	.070	.2 N	.5 N	200 N	10 N	100	7
LH0803RD	5.00	.05	.70	5.0	.100	.2 N	.7	200 L	10 N	50	7
LH0804R	3.00	2.00	20.00	5.0	.150	.2 N	.5 N	200 N	20	300	1 N
LH0805RA	5.00	10.00	20.00	.2 L	.030	.2 N	.5 N	200 N	10 N	50	1 N
LH0805RB	3.00	5.00	20.00	.2 L	.100	.2 N	.5 L	200 N	10	70	1 N
LH0805RC	3.00	5.00	10.00	.2 L	.030	.2 N	.5 N	200 N	10 N	70	1 N
LH0805RD	7.00	2.00	1.50	.5	.700	.2 N	.5 N	200 N	300	1000	1.5
LH0805RE	3.00	5.00	10.00	.2 L	.070	.2 N	.5 N	200 N	10 N	70	1 N
LH0805RF	7.00	1.00	.20	.2 L	.300	.2 L	.7	300	15	300	1
LH0806RA	3.00	2.00	3.00	.2	.070	.2 N	5.0	200 N	2000	150	1 N
LH0807RA	5.00	5.00	10.00	.2 L	.100	.2 N	.5	200 N	100	150	1 N
LH0807RB	15.00	.07	.05 L	.2 N	.070	.2 N	5.0	200 N	10 N	70	1 N
LH0809RA	15.00	.50	.05 L	.7	.150	.2 N	100.0	10000 G	2000 G	20	1
LH0810RA	15.00	1.00	.05 L	.5	.300	.2 N	3.0	1000	2000	300	1
LH0811RA	15.00	3.00	15.00	.2 L	.002	.2 N	10.0	200 N	10 N	70	1 N
LH0811RB	15.00	2.00	.15	1.5	.300	.2 N	5.0	200 N	2000 G	70	3
LH0812RA	7.00	1.00	.50	1.0	.300	.2 N	3.0	200 N	2000 G	70	1.5
LH0813RA	7.00	1.00	.15	1.5	.200	.2 N	3.0	1000	2000 G	700	1.5
LH0814RA	7.00	1.50	1.00	3.0	.300	.2 N	50.0	200 N	10	1000	2
LH0816RA	3.00	.50	1.50	.2	.150	.2 N	1.5	200 L	10	200	1 N
LH0817RA	5.00	2.00	7.00	1.5	.500	.2 N	1.5	200 N	20	700	1.5
LH0817RB	2.00	2.00	20.00	.7	.070	.2 N	.5 N	200 N	10 N	70	1 N
LH0817RC	1.00	.20	.70	5.0	.070	.2 N	.5	1500	10 N	1500	1.5
LH0817RD	3.00	1.00	2.00	.2 L	.500	.2 N	1.0	700	200	300	1.5
LH0818RA	10.00	1.00	10.00	.7	.300	.2 N	5.0	5000	70	300	1.5
LH0819RA	3.00	.07	1.00	.2 L	.002	.2 N	.5 N	200	10 N	30	1 N
LH0819RB	7.00	1.00	.20	1.5	.300	.2 N	1.5	10000 G	70	700	1.5
LH0821RB	3.00	.50	1.50	3.0	.500	.2 N	.5 N	200 N	10 N	700	1.5
LH0822RA	5.00	2.00	.15	1.5	.300	.2 N	.5	200 N	50	700	1.5

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Fe-S	Mg-S	Ca-S	Na-S	Ti-S	P-S	Ag-S	As-S	B-S	Ba-S	Be-S
LH0823RA	7.00	.07	.30	.2	L .150	.2 L	1.5	700	10	300	1
LH0823RB	7.00	.50	.70	.2	L .050	.2 N	70.0	700	10	70	1 N
LH0824RA	5.00	.05	.05	L .2	L .050	.2 N	2.0	200 N	50	300	1 N
LH0824RB	3.00	1.00	10.00	.2	L .020	.2 N	150.0	2000	15	70	1 N
LH0826RA	15.00	2.00	.30	.3	.200	.2	.5	200 N	10 N	70	1 N
LH0826RC	20.00	1.50	.10	.2	.070	.2 N	1.5	200 N	10 N	100	1 N
LH0829RA	1.50	.02	.70	5.0	.050	.2 N	.5 N	200 N	1500	70	10
LH0848RA	1.00	.07	.05	L .3	.050	.2 N	.5 N	200 L	20	70	5
LH0853RA	2.00	.15	.05	1.0	.200	.2 N	.5	200 N	50	500	1
LH0857RA	7.00	2.00	.15	1.5	.700	.2 L	.5 N	200 N	100	1000	2
LH0864RA	1.50	.20	.70	3.0	.100	.2 N	.5 N	200 N	10 N	1000	1.5
LH0865RD	1.50	.20	.50	3.0	.070	.2 N	.5 N	200 N	10 N	200	3
LH0867RA	15.00	5.00	7.00	1.5	1.000 G	.7	.5 N	200 N	10 N	300	1 N
LH0883RA	7.00	1.00	3.00	2.0	.700	.2 N	.5 N	200 N	20	700	1.5
LH0883RB	10.00	3.00	.70	1.0	.100	.2 N	1.0	200 N	10 N	150	1 N
LH0886RA	10.00	3.00	1.00	3.0	.700	.2 N	.5 N	200 N	70	700	1.5
LH0888RA	10.00	1.00	3.00	1.0	.500	.2 N	1.0	200 N	10	150	1.5
LH0900RA	3.00	.15	.50	5.0	.300	.2 N	.7	200	10 N	150	3
LH0900RB	1.50	.07	.70	3.0	.070	.2 N	.5 N	200 N	10 N	200	3
LH0901RA	5.00	3.00	20.00	3.0	.500	.2 N	.5 N	200 N	50	500	1.5
LH0901RB	3.00	5.00	15.00	.7	.070	.2 N	.5 N	200 N	10 N	300	1.5
LH0902RA	7.00	5.00	20.00	.2	L .020	.2 N	.5 N	200 N	10 N	100	1
LH0902RB	5.00	1.00	2.00	3.0	.500	.2 N	.5 N	200 N	10 N	700	3
LH0903RB	3.00	2.00	.70	3.0	.500	.2 N	.5 N	200 N	50	1000	5
LH0903RD	7.00	2.00	1.00	3.0	.500	.2 N	3.0	200 N	70	1500	2
LH0904RB	2.00	.10	.07	3.0	.150	.2 N	.7	200 N	10	300	2
LH0905RA	15.00	5.00	5.00	3.0	.300	.2 N	.5 N	200 N	10 N	150	1 N
LH0905RB	1.00	.15	.05	L 3.0	.020	.2 N	.5 L	200	30	300	3
LH0905RC	3.00	.70	3.00	.2	L .010	.2 N	.5 N	200 N	10 N	70	1 N
LH0906RA	7.00	2.00	.70	2.0	.500	.2 N	.7	200 N	70	700	1.5
LH0909RA	1.00	.02	.10	3.0	.030	.2 N	.5	200 N	10 N	200	1.5
LH0909RB	5.00	.10	.05	L 3.0	.070	.2 N	5.0	200 N	10 N	300	7
LH0910RA	3.00	.10	.15	3.0	.070	.2 N	1.0	500	2000	150	3
LH0911RA	3.00	.30	1.00	3.0	.300	.2 N	.7	300	20	1000	3
LH0912RA	3.00	.20	1.00	3.0	.300	.2 N	1.0	200 N	10	1500	3
LH0914RA	7.00	3.00	15.00	3.0	.500	.2 N	.5 N	200 N	10	150	7
LH0914RB	15.00	5.00	7.00	2.0	.700	.2 N	.5 N	200 N	10 N	500	1
LH0916RA	2.00	.15	.10	3.0	.070	.2 N	.7	200 N	10	150	3
LH0919RA	3.00	.15	.70	3.0	.150	.2 N	.5 N	200 N	10 N	700	2
LH0920RA	3.00	.15	.50	3.0	.200	.2 N	.5 N	200 N	10 N	3000	3
LH0920RB	10.00	5.00	10.00	2.0	1.000	.3	.5 N	200 N	10 N	700	1.5
LH0922RA	10.00	.03	1.00	5.0	.100	.2 N	10.0	200 N	10 N	1000	20
LH0930RA	3.00	.07	.50	1.5	.200	.2 N	.5 N	200 N	70	500	1.5
LH0935RA	3.00	.15	.30	3.0	.200	.2 N	.5 N	200 N	500	300	2
LH0936RA	1.00	.07	20.00	G .5	.020	.2 N	.5 N	200 N	10 N	70	1 N
LH0937RA	3.00	1.00	20.00	.5	.070	.2 N	.5 N	200 N	10 N	50	1 N
LH0945RA	2.00	.15	.70	3.0	.150	.2 N	1.0	200 N	10 N	1000	2
LH0945RB	3.00	.15	.10	3.0	.150	.2 N	.5 N	200 N	10 N	1000	2
LH0946RA	3.00	.20	.70	3.0	.150	.2 N	.5 N	200 N	10 N	1000	2
LH0948RA	.70	.05	.05	L 1.0	.070	.2 N	.5 N	200 N	10 N	150	1 N
LH0949R	1.50	.30	20.00	G .5	.070	.2 N	.5 N	200 N	10 N	30	1 N

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Fe-S	Mg-S	Ca-S	Na-S	Ti-S	P-S	Ag-S	As-S	B-S	Ba-S	Be-S
LH0953RA	7.00	2.00	.70	3.0	.700	.2 N	.5	200 N	10	700	1.5
LH0955RA	3.00	.20	.50	3.0	.100	.2 N	.5 N	200 N	10 N	1500	1.5
LH0957RA	15.00	2.00	3.00	1.5	.700	.2 N	.7	200 N	10 N	300	1 N
LH0970RA	2.00	2.00	20.00 G	1.5	.150	.2 N	1.0	200 N	10 N	300	1 N
LH0971RA	3.00	1.00	1.50	3.0	.300	.2 N	1.5	200 N	20	1500	1.5
LH0976RA	7.00	5.00	15.00	2.0	.200	.2 N	.5 N	200 N	10 N	200	1 N
LH0977RA	15.00	.10	20.00	.2	.010	.2 N	15.0	200 N	10 N	20 L	1 N
LH0982RA	3.00	.50	3.00	1.5	.300	.2 N	.5	200 N	10 N	700	1 N
LH1004RA	7.00	3.00	1.50	3.0	.700	.2 N	.5	200 N	100	1000	1.5
LH1006RA	3.00	.20	1.50	3.0	.200	.2 N	.5 N	200 N	10 N	1000	3
LH1008RA	5.00	1.50	.50	1.5	.300	.2 N	.5 L	200 N	50	500	1.5
LH1008RB	3.00	1.00	1.00	1.5	.150	.2 N	.5 N	200 N	15	200	1 N
LH1013RA	.70	.03	.30	.2	.050	.2 N	1.0	200 N	30	100	1
LH1014RA	1.00	.50	.05	.2	.020	.2 N	.5 L	200 N	10 N	20	1 N
LH1016RA	7.00	.70	2.00	3.0	.500	.2 N	1.5	200 N	10	1000	2
LH1016RB	5.00	5.00	20.00	3.0	.300	.2 N	.5 N	200 N	10 N	700	1 N
LH1017RA	1.00	.20	1.00	3.0	.070	.2 N	.5	200 N	1500	3000	7
LH1017RB	5.00	1.00	2.00	1.0	.700	.2 N	.7	200 N	10 N	700	1.5
LH1017RC	3.00	1.00	.15	1.5	.100	.2 N	.5 N	200 N	10 N	300	3
LH1018RA	15.00	2.00	15.00	5.0	1.000 G	.3	.5 N	200 N	30	2000	3
LH1018RB	10.00	.70	2.00	5.0	.500	.2 N	.5 N	200 N	10 N	2000	3
LH1019RA	15.00	.15	.10	.2	.050	.2 N	20.0	10000 G	500	70	1 N
LH1021RA	7.00	1.00	.30	3.0	.500	.2 N	.5	200 N	70	3000	2
LH1023RA	1.50	.02 L	.05 L	3.0	.050	.2 N	.5 N	200 N	10 N	70	1 N
LH1026RA	1.50	.02 L	.70	5.0	.050	.2 N	.5 N	200 N	10	30	3
LH1027RA	1.00	.30	.05	.2	.070	.2 N	1.5	200 L	1500	70	1 N
LH1027RB	10.00	.07	.05 L	.2	.050	.2 N	15.0	10000 G	300	150	1 N
LH1028RA	7.00	1.00	.30	1.5	.500	.2 L	1.5	200 N	700	1500	1.5
LH1033RA	7.00	3.00	5.00	3.0	.500	.2 L	.5 N	200 N	10 N	1500	1.5
LH1034RA	5.00	.50	3.00	3.0	.300	.2 N	.7	200 N	100	1000	3
LH1036RA	3.00	.15	.70	5.0	.300	.2 N	.5 L	200 N	10 N	1500	3
LH1038RA	1.00	2.00	20.00 G	1.0	.007	.2 N	.5 N	200 N	10 N	15	1 N
LH1041RA	7.00	3.00	10.00	1.0	.020	.2 N	.5 N	200 N	10 N	50	1 N
LH1053RA	3.00	3.00	7.00	3.0	.500	.2 N	.5 N	200 N	10 N	3000	1.5
LH1062RA	3.00	.20	.07	3.0	.300	.2 N	.5 N	200 N	10 N	1500	3
LH1070RA	1.00	.10	.50	3.0	.070	.2 N	.5 N	200 N	10 N	300	1.5
LH1070RB	1.00	.07	.20	3.0	.050	.2 N	.5 N	200 N	10 N	150	2
LH1070RC	1.00	.15	.30	3.0	.070	.2 N	.5 L	200 N	10 N	300	1.5
LH1070RD	.70	.10	.50	3.0	.070	.2 N	.5 L	200 N	10 N	700	1.5
LH1071RA	.70	.07	.05 L	.2	.030	.2 N	100.0	700	10	100	1.5
LH1072RA	1.50	.15	.50	3.0	.070	.2 N	.7	200 N	10 N	700	1.5
LH1072RB	.70	.02	.20	3.0	.030	.2 N	2.0	200 N	10 N	150	2
LH1073RA	3.00	.02	.50	3.0	.070	.2 N	3.0	200 N	700	300	20
LH1073RB	3.00	1.50	1.50	1.0	.300	.2 N	1.0	200 N	50	1500	1.5
LH1073RC	10.00	7.00	7.00	.2	.070	.2 N	1.5	200 N	10 N	5000 G	1.5
LH1074RA	15.00	3.00	10.00	.2	1.000	.2 N	3.0	200 N	10	150	1.5
LH1074RB	20.00 G	5.00	7.00	.2	.070	.2 N	15.0	200 N	15	150	1.5
LH1075RA	7.00	2.00	.30	1.5	.700	.2 L	.5 N	200 N	100	1500	1.5
LH1100R	3.00	.20	.70	3.0	.200	.2 N	.5 N	200 N	20	1500	7
LH1103R	5.00	.20	.70	3.0	.300	.2 N	.5 N	200 N	20	3000	2
LH1105R	7.00	1.50	3.00	3.0	.500	.2 L	1.5	200 N	10	1500	1.5

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Fe-S	Mg-S	Ca-S	Na-S	Ti-S	P-S	Ag-S	As-S	B-S	Ba-S	Be-S
LH1106RA	3.00	.30	.10	.5	.070	.2 N	.7	200 N	10	300	1 N
LH1106RB	.70	.10	.05 L	.5	.030	.2 N	.7	200 N	10	200	1 N
LH1107R	3.00	1.00	5.00	2.0	.300	.2 N	.5 N	200 N	30	300	1
LH1108RA	1.50	.03	.70	3.0	.070	.2 N	.5 N	200 N	10	50	3
LH1108RB	7.00	3.00	10.00	3.0	.300	.2 N	.7	200 N	20	1000	2
LH1109R	3.00	.20	.15	1.0	.150	.2 N	.7	200 N	70	2000	1
LH1110R	7.00	3.00	1.50	3.0	.300	.2 N	.5 L	200 N	150	1000	2
LH1112RA	7.00	2.00	1.50	3.0	.500	.2	3.0	200 N	70	3000	2
LH1112RB	5.00	.20	2.00	5.0	.300	.2 N	.5 N	200 N	10 N	3000	3
LH1114RA	5.00	2.00	.70	3.0	.500	.2 N	.7	200 N	70	1500	3
LH1114RB	7.00	.30	2.00	3.0	.300	.2 N	.7	700	10	700	5
LH1115RA	.20	.02 L	.10	.2 L	.002	.2 N	.5 N	200 N	10 N	30	1 N
LH1115RB	5.00	1.00	2.00	1.5	.500	.2 N	1.5	200	100	500	1.5
LH1116R	5.00	.30	3.00	5.0	.300	.2 N	.5 L	200 N	10 N	5000 G	2
LH1117RA	.30	.07	.05 L	.2 L	.015	.2 N	.5 N	200 N	10	70	1 N
LH1117RB	5.00	.70	.70	1.5	.200	.2 N	.5	200 N	70	200	1
LH1117RC	10.00	3.00	1.50	3.0	1.000	.2 N	.5 N	200 N	100	500	2
LH1118R	3.00	2.00	1.00	3.0	.500	.2 N	.7	200 N	100	500	1.5
LH1120R	5.00	.02	.05 L	.2 L	.002 L	.2 N	150.0	3000	10 N	15	1 N
LH1123R	3.00	.10	.15	3.0	.300	.2 N	.7	200 N	10 N	2000	3
LH1124R	1.50	.05	.10	3.0	.030	.2 N	.7	200 L	300	50	2
LH1128R	7.00	5.00	7.00	3.0	.500	.2 N	.5 N	200 N	15	300	3
LH1134R	2.00	.07	.20	3.0	.100	.2 N	.5 L	200 N	10	1000	2
LH1139R	1.50	.03	.15	3.0	.003	.2 N	.5 L	200 L	10	70	30
LH1140R	7.00	.07	.50	5.0	.300	.2 N	.5 L	200 N	10 N	1500	3
LH1154R	7.00	3.00	2.00	2.0	.500	.2 N	.5 L	200 N	100	1500	2
LH1155R	7.00	.50	.70	3.0	.300	.2 N	.7	700	500	700	3
LH1167R	3.00	.15	.15	3.0	.300	.2 N	.5 L	200 N	10 N	3000	2
LH1169R	2.00	.10	.05 L	.5	.070	.2 N	.5 N	200 N	10	300	15
LH1176RA	3.00	.70	10.00	1.5	.100	.2 N	.5 N	200 N	10	200	1 N
LH1187RA	5.00	1.50	1.00	2.0	.500	.2 N	.7	200 N	10	1000	1
LH1191RA	5.00	2.00	1.00	2.0	.700	.2 N	.5 N	200 N	50	700	1
LH1198RA	2.00	.70	.30	1.5	.300	.2 N	.5	200 N	50	3000	1
LH1201RA	1.50	.70	.30	.7	.200	.2 N	.5	200 N	50	3000	1
LH1217RA	7.00	.70	3.00	3.0	1.000	.2	.5 N	200 N	10 N	1000	1.5
LH1228RA	1.50	.10	5.00	.2 L	.010	.2 N	.5 N	200 N	10 N	70	1 N
LH1229RA	15.00	1.00	5.00	.3	.070	1.0	.5 N	200 N	10 N	100	1.5
LH1230RA	7.00	10.00	10.00	.2 L	.200	.2 N	.5 N	700	10	20 N	1 N
LH1237RA	7.00	2.00	.30	1.0	.500	.2	.5 N	200 N	100	1500	1.5
LH1251RA	1.50	.50	.07	.2 L	.150	.2 N	.5	200 N	50	1500	1.5
LH1300RA	7.00	5.00	3.00	3.0	.500	.2 N	.5 N	200 N	10 N	1500	1.5
LH1302RA	15.00	3.00	7.00	3.0	1.000	.2	.5 N	200 N	20	700	1.5
LH1308RA	7.00	1.00	3.00	3.0	.700	.2 N	.5 N	200 N	10 N	500	1.5
LH1309RA	10.00	5.00	15.00	1.0	1.000	.2 N	.5 N	200 N	10 N	150	1 N
LH1310RA	7.00	3.00	1.50	1.5	.300	.2 N	.5	200 N	500	5000	1.5
LH1318RA	7.00	1.00	3.00	1.0	.300	.2 N	.7	7000	15	1500	1.5
LH1322RA	3.00	1.50	3.00	1.0	.300	.2 N	.5 L	200 N	10 N	300	1
LH1329RA	10.00	.15	2.00	3.0	.300	.2 N	.5 N	200 N	10	1500	3

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Bi-S	Cd-S	Co-S	Cr-S	Cu-S	Ga-S	Ge-S	La-S	Mn-S	Mo-S	Nb-S
LH0002RA	10 N	20 N	15	100	100	10	10 N	50 N	200	5 N	20 L
LH0002RB	10 N	20 N	30	700	30	15	10 N	50 N	700	5 N	20 L
LH0004RB	10 N	20 N	10 N	15	7	30	10 N	50 N	30	10	20 L
LH0006R	10 N	20 N	50	20	150	20	10 N	50 N	300	5 N	20 L
LH0008RA	10 N	20 N	10 L	10 L	5 L	20	10 N	70	700	5 N	20 L
LH0008RB	10 N	20 N	10 N	10 L	5 L	15	10 N	50 L	300	5 N	20 L
LH0010R	10 N	20 N	10 N	10 L	5 L	20	10 N	50	500	5 N	20 L
LH0011R	10 N	20 N	70	200	200	20	10 N	50 N	1500	5 N	20 L
LH0013R	10 N	20 N	10 N	10 L	7	5 N	10 N	50 N	300	20	20 L
LH0015RA	10 N	20 N	10 N	10 L	5 L	50	10 N	50 N	70	5 N	50
LH0015RB	10 N	20 N	10 N	10 L	5 N	50	10 N	50 N	100	5 N	30
LH0018R	10 N	20 N	10 N	10 L	5 N	30	10 N	50 N	50	5 N	20 L
LH0023R	10 L	20 N	15	200	300	20	10 N	50 N	1000	5 N	20 L
LH0024R	10 N	20 N	10 N	10 L	5 L	20	10 N	50	150	20	20 L
LH0025R	10 N	20 N	10 L	10 L	30	30	10 N	70	700	200	20 L
LH0026R	10 N	20 N	15	30	20	20	10 N	50	300	5 N	20 L
LH0029RB	10 N	20 N	20	150	20	7	10 N	50 N	200	5 N	20 L
LH0031R	10 N	20 N	20	150	70	15	10 N	50 N	1000	5 N	20 L
LH0034R	10 N	20 N	20	30	300	5	10 N	50 N	700	5 N	20 L
LH0037R	10 N	20 N	10	20	15	20	10 N	50 N	1500	5 N	20 L
LH0038R	10 N	20 N	10 N	10 L	5 L	15	10 N	50 N	500	5 N	20 L
LH0044R	10 N	20 N	10 N	10 L	10	20	10 N	50 N	500	5 N	20
LH0047R	10 N	20 N	10 N	10 L	500	30	10 N	50 N	150	5 N	20 L
LH0049R	10 N	20 N	10 N	10 L	5	20	10 N	50 N	100	5 N	20
LH0053R	20	20 N	10 N	10 L	150	5 N	30	50 N	30	5	20 L
LH0054R	30	70	10 N	10 L	150	5 N	10 L	50 N	5000 G	5 N	20 L
LH0055R	50	20 N	10 L	10 L	3000	15	10 N	50 L	200	5 N	20 L
LH0056RA	10 N	20 N	10 N	10 L	7	30	10 N	50 N	300	5 N	20 L
LH0056RB	10 N	20 N	10 N	10 L	7	15	10 N	50 N	150	5 N	20 L
LH0056RC	10 L	20 N	10 L	10 L	7000	20	10 N	50 N	500	10	20 L
LH0056RD	10 N	20 N	10 L	10 L	10	15	10 N	70	500	5 N	20 L
LH0060R	50	20 N	10 N	10 L	10	20	10 N	50 N	1500	5	20 L
LH0063R	10 N	20 N	15	10	1500	30	10 N	70	500	5 N	20 L
LH0065RA	10 N	20 N	10 N	10 L	7	20	10 N	50 N	300	5 N	20 L
LH0065RB	10 N	20 N	15	10 L	10	20	10 N	50 N	1500	5 N	20 L
LH0068RA	10 N	20 N	10 N	10 L	70	15	10 N	50 N	70	7	20 L
LH0068RB	10 N	20 N	10 N	10 L	10	15	10 N	50 N	300	20	20 L
LH0068RC	10 N	20 N	10 N	10 L	15	20	10 N	50 L	70	7	20 L
LH0072RA	10 N	20 N	10 N	10 L	10	15	10 N	50 L	200	10	20 L
LH0072RB	10 N	20 N	30	10 L	1000	70	10 N	50 N	3000	5 N	20 L
LH0086R	10 N	20 N	20	50	70	10	10 N	70	700	10	20 L
LH0087R	10 N	20 N	10 N	10 L	5	30	10 N	150	200	5 N	20 L
LH0088RA	10 N	20 N	10 N	10 L	5 L	30	10 N	100	300	7	30
LH0088RB	10 N	20 N	10 N	10 L	5	30	10 N	300	500	7	30
LH0089R	10 N	20 N	10 N	10 L	15	50	10 N	1000 G	300	7	50
LH0090R	10 N	20 N	10 N	10 L	5 L	30	10 N	150	500	5 N	20 L
LH0093R	10 N	20 N	10 L	10 L	5	30	10 N	70	300	5 N	20 L
LH0097R	10 N	20 N	10 L	10 L	5 L	20	10 N	50 N	200	5 N	20 L
LH0099R	10 N	20 N	10 N	10 L	5 L	20	10 N	50	200	5 N	20
LH0101R	10 N	20 N	10 L	10 L	20	5 N	10 N	50 N	1500	5 N	20 L
LH0102RA	10 N	20 N	10 N	10 L	30	5 L	10 N	50 N	70	5 N	20 L

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Bi-S	Cd-S	Co-S	Cr-S	Cu-S	Ga-S	Ge-S	La-S	Mn-S	Mo-S	Nb-S
LHO102RB	10 N	20 N	10	100	70	7	10 N	50 N	700	5 N	20 L
LHO102RC	10 N	20 N	10	20	15	5 L	10 N	50 N	1500	5 N	20 L
LHO102RD	15	20 N	15	10	500	50	10 N	100	1000	5 N	20 L
LHO102RE	300	20 N	10 N	10 L	20	15	10 N	50 N	70	5 N	20 L
LHO104RA	10	20 N	50	150	150	30	10 N	50	5000	5 N	20 L
LHO104RB	10 N	20 N	15	200	15	5 L	10 N	50 N	1500	5 N	20 L
LHO108RA	10 N	20 N	15	30	700	5	10 N	50 N	100	5 N	20 L
LHO111RA	10 N	20 N	10	300	15	7	10 N	50 N	300	5 N	20 L
LHO111RB	10 N	20 N	15	200	15	5	10 N	50 N	1500	5 N	20 L
LHO111RC	10 N	20 N	15	300	300	5	10 N	50 N	1500	5 N	20 L
LHO112RA	10 N	20 N	30	700	70	20	10 N	50 N	1000	5	20 L
LHO112RB	10 N	20 N	30	300	20	20	10 N	50 N	700	5 N	20 L
LHO112RC	10 N	20 N	10	200	70	10	10 N	50 N	1500	5 N	20 L
LHO113RA	10 N	20 N	15	30	15	5	10 N	50 N	1000	5 N	20 L
LHO114RA	10 N	20 N	10 N	10 L	100	5 N	10 N	50 N	70	5 N	20 L
LHO115RA	10 N	100	30	10 L	200	5 N	10 N	50 N	2000	5 N	20 L
LHO131RA	10 N	20 N	15	30	70	30	10 N	50 N	1000	5 N	20 L
LHO131RB	10 N	20 N	10 L	30	20	15	10 N	50 N	700	5 N	20 L
LHO133R	10 N	20 N	10	15	70	5 L	10 N	50 N	1500	5 N	20 L
LHO137RA	10 N	20 N	20	700	5 L	15	10 N	50 N	700	10	20 L
LHO137RB	10 N	20 N	10	30	100	20	10 N	50 N	300	5	20 L
LHO137RC	10 N	20 N	15	150	100	10	10 N	50 L	500	5 N	20 L
LHO141R	10 N	20 N	10 N	10 L	5 L	15	10 N	50 N	5000 G	30	20 L
LHO143R	10 N	20 N	10	10 L	50	10	10 N	50	500	7	20 L
LHO147R	10 N	20 N	10 L	15	7	30	10 N	50 N	1000	5	20 L
LHO148RA	20	70	50	300	7000	15	10 N	50 N	2000	5 N	20 L
LHO148RB	10 N	20 N	10 N	10 L	20	50	10 N	50 N	30	10	20
LHO148RC	10 N	20 N	10 L	10 L	20	20	10 N	50 N	150	5	20 L
LHO148RD	15	20 N	10 N	10 L	15	20	10 N	50 N	100	70	20 L
LHO148RG	10 N	20 N	10 L	10 L	15	20	10 N	50 N	100	20	20 L
LHO149RA	10 N	20 N	10 N	10 L	10	50	10 N	150	300	5 N	50
LHO149RB	10 N	20 N	20	10 L	20	70	10 N	150	1500	5 N	20
LHO150RA	10 N	20 N	30	30	5	30	10 N	50 N	1000	5 N	20 L
LHO150RB	10 N	20 N	10 L	10 L	5	50	10 N	150	500	5 N	30
LHO151RB	10 N	20 N	10 L	10 L	5 L	30	10 N	150	300	5 N	20
LHO151RC	10 N	20 N	10 L	10 L	5 L	30	10 N	100	300	5 N	20
LHO151RD	10 N	20 N	10 L	10 L	5 L	50	10 N	150	150	5 N	30
LHO151RE	10 N	20 N	10 N	10 L	5 L	30	10 N	70	150	5 N	20 L
LHO154R	10 N	20 N	10	10	70	5 N	10 N	50 N	1500	5 N	20 L
LHO156R	10 N	20 N	10 L	20	5	20	10 N	70	1500	5 N	20 L
LHO158R	10 N	20 N	10 N	10 L	5 L	30	10 N	50 N	500	5 N	20 L
LHO207R	10 N	20 N	10 N	10 L	5 L	5 N	10 N	50	300	5 N	20 N
LHO225R	10 N	20 N	10 N	10 L	7	50	10 N	50 N	70	7	20 L
LHO228R	10 N	20 N	50	700	500	10	10 N	50 N	1500	5 N	20 L
LHO240RA	10 N	20 N	10 N	10 L	50	20	10 N	50 N	5000	5 N	20 L
LHO240RB	10 N	20 N	10 N	10 L	300	50	10 N	50	5000	5 N	20
LHO240RC	10 N	20 N	10 N	10 L	70	20	10 N	50 N	2000	5 N	20
LHO240RD	10 N	20 N	10 N	10 L	5 L	20	10 N	50	500	5 N	20 L
LHO240RE	10 N	20 N	10 N	10 L	10	30	10 N	50	5000	5 N	20
LHO241RA	10 N	20 N	70	50	20	30	10 N	50	1000	5 N	20 L
LHO242R	10 N	20 N	10 N	10 L	5 L	5 N	10 N	50 N	150	5 N	20 L

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Bi-S	Cd-S	Co-S	Cr-S	Cu-S	Ga-S	Ge-S	La-S	Mn-S	Mo-S	Nb-S
LH0243R	10 N	20 N	10 N	10 L	300	5 N	10 N	50 N	1500	5 N	20 L
LH0244R	10	20 N	10 N	10 L	1000	5 N	10 N	50 N	100	5 N	20 L
LH0246R	10 N	20 N	10 L	10 L	15	30	10 N	50 N	500	5 L	20 L
LH0257R	15	20 N	10 N	10 L	300	30	10 N	50 N	200	5 N	20 L
LH0260R	10 N	20 N	50	20	150	15	10 N	50 N	700	5 N	20 L
LH0273R	10 N	20 N	20	20	100	20	10 N	50	1500	5 N	20 L
LH0277RA	15	20 N	10 N	10 L	50	20	10 N	50 N	70	7	20 L
LH0277RB	10 L	20 N	10 N	10 L	70	20	10 N	50 N	100	10	20 L
LH0277RC	10 N	20 N	10 N	10 L	15	15	10 N	50 N	50	7	20 L
LH0277RD	10 N	20 N	10 N	10 L	10	15	10 N	50 N	200	5	20 L
LH0278RA	10 N	20 N	10 N	10 L	5 L	30	10 N	50 N	70	5 N	20 L
LH0282RA	10 N	20 N	15	10 L	150	20	10 N	50 L	500	7	20 L
LH0282RB	10 N	20 N	10 L	10 L	200	15	10 N	50 N	1500	5 N	20 L
LH0289R	10 N	20 N	10 N	10 L	5 L	10	10 N	50 N	1000	7	20 L
LH0294R	10 N	20 N	30	100	150	15	10 N	50 N	1000	5 N	20 L
LH0295RA	50	20 N	100	10	100	30	10 N	70	1500	70	20
LH0295RB	10 N	20 N	30	100	5	20	10 N	50	1000	5 N	20 L
LH0296RA	50	20 N	100	10	100	10	10 N	50 N	1500	70	20 L
LH0296RB	70	20 N	150	10 L	10	10	10 N	50 N	1500	50	20 L
LH0306R	10 N	20 N	10 N	30	10	5 L	10 N	50 N	200	5 N	20 L
LH0307R	10 N	20 N	10 N	10 L	5 L	30	10 N	50 N	300	5 N	20 L
LH0308R	10 N	20 N	10 N	10 L	5	20	10 N	50 N	1500	5 N	20 L
LH0310R	10 N	20 N	30	200	20	20	10 N	50 N	1000	5 N	20 L
LH0311RA	10 N	20 N	10	150	15	10	10 N	50 N	1500	5 N	20 L
LH0311RB	10 N	20 N	10	30	15	20	10 N	50 L	500	5 N	20 L
LH0311RC	10 N	20 N	10	30	10	5	10 N	50 N	700	5 N	20 L
LH0316RA	10 N	20 N	10 L	100	5 L	15	10 N	50 N	30	5 N	20 L
LH0316RB	10 N	20 N	10 N	150	7	20	10 N	50 N	100	5 N	20 L
LH0316RC	10 N	20 N	15	150	15	15	10 N	50 N	100	5 N	20 L
LH0317R	10 N	20 N	30	150	150	15	10 N	50 N	1000	5 N	20 L
LH0320RA	10 N	20 N	10 N	10 L	5 L	15	10 N	50 N	100	5 N	20 L
LH0320RB	10 N	20 N	10 N	10 L	20	50	10 N	50 N	1500	5 N	20 L
LH0321R	10 N	20 N	10 L	10 L	15	20	10 N	50 N	70	10	20 L
LH0322R	10 N	20 N	10	10	15	20	10 N	50 N	1500	10	20 L
LH0323RA	10 N	20 N	10 L	10	7	30	10 N	50 N	700	5 N	20 L
LH0323RB	10 N	100	20	10 L	1000	30	10 N	50 N	100	10	20 L
LH0327RA	10 N	20 N	20	20	150	30	10 N	50 N	700	20	20 L
LH0327RB	10 N	20 N	10 L	10	15	30	10 N	50 N	500	7	20 L
LH0328R	10 N	20 N	10 N	10 L	10	20	10 N	50	150	5 N	20 L
LH0330R	10 N	20 N	10	20	3000	30	10 N	50 N	1000	5 N	20 L
LH0331RA	10 N	20 N	10	30	5 L	5 N	10 N	50 N	3000	5 N	20 L
LH0331RB	10 N	20 N	10 N	10 L	5 L	15	10 N	50 N	1000	10	20 L
LH0331RC	10 N	20 N	10 N	10 L	5	30	10 N	50 L	70	5 N	20 L
LH0334RA	10 N	20 N	50	100	150	5 N	10 N	50	500	10	20 L
LH0335R	10 N	20 N	15	100	30	20	10 N	50 N	500	5 N	20 L
LH0337R	10 N	20 N	10 N	10 L	5	30	10 N	50 N	300	5 N	20 L
LH0339R	10 N	20 N	10 N	10 L	7	30	10 N	50 N	300	2000 G	20 L
LH0340RA	10 N	20 N	10 N	10 L	100	30	10 N	70	500	7	20 L
LH0340RB	10 N	20 N	30	100	5	30	10 N	50	1000	5 N	20 L
LH0344R	10 N	20 N	30	300	70	30	10 N	50	1000	5	20 L
LH0346RA	10 N	20 N	10 L	50	5 L	5 L	10 N	50 N	300	5 N	20 L

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Bi-S	Cd-S	Co-S	Cr-S	Cu-S	Ga-S	Ge-S	La-S	Mn-S	Mo-S	Nb-S
LHO102RB	10 N	20 N	10	100	70	7	10 N	50 N	700	5 N	20 L
LHO102RC	10 N	20 N	10	20	15	5 L	10 N	50 N	1500	5 N	20 L
LHO102RD	15	20 N	15	10	500	50	10 N	100	1000	5 N	20 L
LHO102RE	300	20 N	10 N	10 L	20	15	10 N	50 N	70	5 N	20 L
LHO104RA	10	20 N	50	150	150	30	10 N	50	5000	5 N	20 L
LHO104RB	10 N	20 N	15	200	15	5 L	10 N	50 N	1500	5 N	20 L
LHO108RA	10 N	20 N	15	30	700	5	10 N	50 N	100	5 N	20 L
LHO111RA	10 N	20 N	10	300	15	7	10 N	50 N	300	5 N	20 L
LHO111RB	10 N	20 N	15	200	15	5	10 N	50 N	1500	5 N	20 L
LHO111RC	10 N	20 N	15	300	300	5	10 N	50 N	1500	5 N	20 L
LHO112RA	10 N	20 N	30	700	70	20	10 N	50 N	1000	5	20 L
LHO112RB	10 N	20 N	30	300	20	20	10 N	50 N	700	5 N	20 L
LHO112RC	10 N	20 N	10	200	70	10	10 N	50 N	1500	5 N	20 L
LHO113RA	10 N	20 N	15	30	15	5	10 N	50 N	1000	5 N	20 L
LHO114RA	10 N	20 N	10 N	10 L	100	5 N	10 N	50 N	70	5 N	20 L
LHO115RA	10 N	100	30	10 L	200	5 N	10 N	50 N	2000	5 N	20 L
LHO131RA	10 N	20 N	15	30	70	30	10 N	50 N	1000	5 N	20 L
LHO131RB	10 N	20 N	10 L	30	20	15	10 N	50 N	700	5 N	20 L
LHO133R	10 N	20 N	10	15	70	5 L	10 N	50 N	1500	5 N	20 L
LHO137RA	10 N	20 N	20	700	5 L	15	10 N	50 N	700	10	20 L
LHO137RB	10 N	20 N	10	30	100	20	10 N	50 N	300	5	20 L
LHO137RC	10 N	20 N	15	150	100	10	10 N	50 L	500	5 N	20 L
LHO141R	10 N	20 N	10 N	10 L	5 L	15	10 N	50 N	5000 G	30	20 L
LHO143R	10 N	20 N	10	10 L	50	10	10 N	50	500	7	20 L
LHO147R	10 N	20 N	10 L	15	7	30	10 N	50 N	1000	5	20 L
LHO148RA	20	70	50	300	7000	15	10 N	50 N	2000	5 N	20 L
LHO148RB	10 N	20 N	10 N	10 L	20	50	10 N	50 N	30	10	20
LHO148RC	10 N	20 N	10 L	10 L	20	20	10 N	50 N	150	5	20 L
LHO148RD	15	20 N	10 N	10 L	15	20	10 N	50 N	100	70	20 L
LHO148RG	10 N	20 N	10 L	10 L	15	20	10 N	50 N	100	20	20 L
LHO149RA	10 N	20 N	10 N	10 L	10	50	10 N	150	300	5 N	50
LHO149RB	10 N	20 N	20	10 L	20	70	10 N	150	1500	5 N	20
LHO150RA	10 N	20 N	30	30	5	30	10 N	50 N	1000	5 N	20 L
LHO150RB	10 N	20 N	10 L	10 L	5	50	10 N	150	500	5 N	30
LHO151RB	10 N	20 N	10 L	10 L	5 L	30	10 N	150	300	5 N	20
LHO151RC	10 N	20 N	10 L	10 L	5 L	30	10 N	100	300	5 N	20
LHO151RD	10 N	20 N	10 L	10 L	5 L	50	10 N	150	150	5 N	30
LHO151RE	10 N	20 N	10 N	10 L	5 L	30	10 N	70	150	5 N	20 L
LHO154R	10 N	20 N	10	10	70	5 N	10 N	50 N	1500	5 N	20 L
LHO156R	10 N	20 N	10 L	20	5	20	10 N	70	1500	5 N	20 L
LHO158R	10 N	20 N	10 N	10 L	5 L	30	10 N	50 N	500	5 N	20 L
LHO207R	10 N	20 N	10 N	10 L	5 L	5 N	10 N	50	300	5 N	20 N
LHO225R	10 N	20 N	10 N	10 L	7	50	10 N	50 N	70	7	20 L
LHO228R	10 N	20 N	50	700	500	10	10 N	50 N	1500	5 N	20 L
LHO240RA	10 N	20 N	10 N	10 L	50	20	10 N	50 N	5000	5 N	20 L
LHO240RB	10 N	20 N	10 N	10 L	300	50	10 N	50	5000	5 N	20
LHO240RC	10 N	20 N	10 N	10 L	70	20	10 N	50 N	2000	5 N	20
LHO240RD	10 N	20 N	10 N	10 L	5 L	20	10 N	50	500	5 N	20 L
LHO240RE	10 N	20 N	10 N	10 L	10	30	10 N	50	5000	5 N	20
LHO241RA	10 N	20 N	70	50	20	30	10 N	50	1000	5 N	20 L
LHO242R	10 N	20 N	10 N	10 L	5 L	5 N	10 N	50 N	150	5 N	20 L

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Bt-S	Cd-S	Co-S	Cr-S	Cu-S	Ga-S	Ge-S	La-S	Mn-S	Mo-S	Nb-S
LH0243R	10 N	20 N	10 N	10 L	300	5 N	10 N	50 N	1500	5 N	20 L
LH0244R	10 N	20 N	10 N	10 L	1000	5 N	10 N	50 N	100	5 N	20 L
LH0246R	10 N	20 N	10 L	10 L	15	30	10 N	50 N	500	5 L	20 L
LH0257R	15 N	20 N	10 N	10 L	300	30	10 N	50 N	200	5 N	20 L
LH0260R	10 N	20 N	50	20	150	15	10 N	50 N	700	5 N	20 L
LH0273R	10 N	20 N	20	20	100	20	10 N	50	1500	5 N	20 L
LH0277RA	15	20 N	10 N	10 L	50	20	10 N	50 N	70	7	20 L
LH0277RB	10 L	20 N	10 N	10 L	70	20	10 N	50 N	100	10	20 L
LH0277RC	10 N	20 N	10 N	10 L	15	15	10 N	50 N	50	7	20 L
LH0277RD	10 N	20 N	10 N	10 L	10	15	10 N	50 N	200	5 N	20 L
LH0278RA	10 N	20 N	10 N	10 L	5 L	30	10 N	50 N	70	5 N	20 L
LH0282RA	10 N	20 N	15	10 L	150	20	10 N	50 L	500	7	20 L
LH0282RB	10 N	20 N	10 L	10 L	200	15	10 N	50 N	1500	5 N	20 L
LH0289R	10 N	20 N	10 N	10 L	5 L	15	10 N	50 N	1000	7	20 L
LH0294R	10 N	20 N	30	100	150	15	10 N	50 N	1000	5 N	20 L
LH0295RA	50	20 N	100	100	100	30	10 N	70	1500	70	20 L
LH0295RB	10 N	20 N	30	100	5	20	10 N	50	1000	5 N	20 L
LH0296RA	50	20 N	100	10	100	20	10 N	50 N	1500	70	20 L
LH0296RB	70	20 N	150	10 L	100	10	10 N	50 N	1500	50	20 L
LH0306R	10 N	20 N	10 N	30	10	10	10 N	50 N	200	5 N	20 L
LH0307R	10 N	20 N	10 N	10 L	5 L	5 L	10 N	50 N	300	5 N	20 L
LH0308R	10 N	20 N	10 N	10 L	5	30	10 N	50 N	1500	5 N	20 L
LH0310R	10 N	20 N	30	200	20	20	10 N	50 N	1000	5 N	20 L
LH0311RA	10 N	20 N	10	150	15	10	10 N	50 N	1500	5 N	20 L
LH0311RB	10 N	20 N	10	30	15	20	10 N	50 L	500	5 N	20 L
LH0311RC	10 N	20 N	10	30	10	5	10 N	50 N	700	5 N	20 L
LH0316RA	10 N	20 N	10 L	100	5 L	15	10 N	50 N	100	5 N	20 L
LH0316RB	10 N	20 N	10 N	150	15	15	10 N	50 N	100	5 N	20 L
LH0316RC	10 N	20 N	15	150	15	15	10 N	50 N	100	5 N	20 L
LH0317R	10 N	20 N	30	150	150	15	10 N	50 N	1000	5 N	20 L
LH0320RA	10 N	20 N	10 N	10 L	20	50	10 N	50 N	1500	5 N	20 L
LH0320RB	10 N	20 N	10 L	10 L	15	20	10 N	50 N	70	10	20 L
LH0321R	10 N	20 N	10 L	10 L	15	20	10 N	50 N	1500	10	20 L
LH0322R	10 N	20 N	10	10	7	30	10 N	50 N	700	5 N	20 L
LH0323RA	10 N	20 N	10 L	10 L	1000	30	10 N	50 N	100	10	20 L
LH0323RB	10 N	20 N	20	20	150	30	10 N	50 N	700	20	20 L
LH0327RA	10 N	20 N	20	10 L	150	30	10 N	50 N	100	20	20 L
LH0327RB	10 N	20 N	10 L	10 L	10	30	10 N	50 N	500	5 N	20 L
LH0328R	10 N	20 N	10 N	10 L	10	20	10 N	50 N	150	5 N	20 L
LH0330R	10 N	20 N	10	20	3000	30	10 N	50 N	1000	5 N	20 L
LH0331RA	10 N	20 N	10	30	5 L	15	10 N	50 N	3000	5 N	20 L
LH0331RB	10 N	20 N	10 N	10 L	5	30	10 N	50 L	70	5 N	20 L
LH0331RC	10 N	20 N	10	10 L	5	10 N	10 N	50 L	500	10	20 L
LH0334RA	10 N	20 N	50	100	150	5 N	10 N	50 N	500	5 N	20 L
LH0335R	10 N	20 N	15	100	30	20	10 N	50 N	500	5 N	20 L
LH0337R	10 N	20 N	10 N	10 L	5	30	10 N	50 N	300	5 N	20 L
LH0339R	10 N	20 N	10 N	10 L	7	30	10 N	50 N	300	2000 G	20 L
LH0340RA	10 N	20 N	10 N	10 L	100	30	10 N	70	500	5 N	20 L
LH0340RB	10 N	20 N	30	100	5	30	10 N	50	1000	5 N	20 L
LH0344R	10 N	20 N	30	300	70	30	10 N	50	1000	5 N	20 L
LH0346RA	10 N	20 N	10 L	50	5 L	5 L	10 N	50	300	5 N	20 L

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Bi-S	Cd-S	Co-S	Cr-S	Cu-S	Ga-S	Ge-S	La-S	Mn-S	Mo-S	Nb-S
LH0346RB	10 N	20 N	10 N	20	10	5	10 N	50 N	10 L	5 N	20 L
LH0353RA	10 N	20 N	10 N	10 L	5 L	30	10 N	50 N	70	7	20 L
LH0353RB	10 N	20 N	10 N	10 L	5	30	10 N	50 N	100	5 N	20
LH0358RA	10 N	20 N	10 N	10 L	5 L	20	10 N	50 N	1000	5 N	20 L
LH0359RA	10 N	20 N	10 N	10 L	150	15	10 N	50 N	150	5 N	20 L
LH0359RB	10 N	20 N	10 N	10 L	15	15	10 N	50 N	70	5 N	20 L
LH0359RC	10 N	20 N	10 N	10 L	15	20	10 N	50 N	200	5	20 L
LH0364R	10 N	20 N	10 N	10 L	20	15	10 N	50 L	500	20	20 L
LH0365R	10 N	20 N	50	500	15	15	10 N	50 N	1000	5 N	20 L
LH0375R	10 N	20 N	50	150	70	20	10 N	50 N	1000	5 N	20 L
LH0377R	10 N	20 N	10 L	10	5 L	5 L	10 N	50 N	5000 G	5	20 L
LH0378R	10 N	20 N	20	150	50	20	10 N	50 N	1000	5 N	20 L
LH0379R	10 N	20 N	15	30	200	10	10 N	50 N	1500	5 N	20 L
LH0390R	10 N	20 N	10 N	10 L	5	30	10 N	50	300	7	20 L
LH0391R	10 N	20 N	10 N	10 L	20	20	10 N	50 N	100	1000	20 L
LH0392R	10 L	20 N	10 N	10 L	150	15	10 N	50	5000 G	7	20 L
LH0398R	10 N	20 N	20	15	50	5 L	10 N	50 N	150	10	20 L
LH0410R	10 N	20 N	15	150	70	20	10 N	50 N	1000	5	20 L
LH0412RA	10 N	20 N	50	100	70	10	10 N	50 N	700	5 N	20 L
LH0412RB	10 N	20 N	20	15	30	50	10 N	50 N	300	5 N	20 L
LH0419R	10 N	20 N	10	70	15	7	10 N	50 N	1500	5 N	20 L
LH0421R	10 N	20 N	20	200	100	30	10 N	50 N	1000	7	20 L
LH0423R	10 N	20 N	10 N	10 L	5	5 N	10 N	50	1500	5	20 L
LH0432R	10 N	20 N	10 L	10 L	15	20	10 N	50 N	700	7	20 L
LH0440RA	10 N	20 N	10 N	10 L	5 L	20	10 N	50 N	150	5 N	20 L
LH0440RB	10 N	20 N	10 N	10 L	5 L	30	10 N	50 N	500	7	20 L
LH0467R	10 N	20 N	10 N	10 L	7	50	10 N	50 N	2000	5 N	20 L
LH0500R	10 N	20 N	70	1500	150	30	10 N	50 L	1500	5 N	20 L
LH0501R	10 N	20 N	10 N	10 L	5	20	10 N	70	500	5	20 L
LH0502RA	10 N	20 N	10 N	10 L	15	20	10 N	50 L	300	5 N	20 L
LH0502RB	10 N	20 N	10 N	10 L	10	15	10 N	50	200	5 N	20 L
LH0503R	10 N	20 N	10 N	10 L	70	20	10 N	50 L	30	7	20 L
LH0504RA	10 N	20 N	10 N	100	5 L	10	10 N	50 N	70	5 N	20 L
LH0504RB	10 N	20 N	10 N	100	5 L	10	10 N	50 N	70	5 N	20 L
LH0504RC	10 N	20 N	10 N	100	5 L	10	10 N	50 N	70	5 N	20 L
LH0504RD	10 N	20 N	10 L	10 L	15	15	10 N	50 N	200	5 N	20 L
LH0504RE	10 N	20 N	10 N	10 L	5 N	20	10 N	50 N	300	5	20 L
LH0505R	10 N	20 N	10 N	10 L	5	30	10 N	70	200	5	20 L
LH0506R	10 N	20 N	10 N	10 L	7	30	10 N	70	300	5 N	20 L
LH0508R	10 L	20 N	70	30	1000	15	10 N	50 N	1000	5 N	20 L
LH0511R	10 N	20 N	10 L	10 L	50	5 N	10 N	50 N	150	50	20 L
LH0514R	10 N	20 N	20	300	100	15	10 N	50	1000	5 N	20 L
LH0617RB	10 N	20 N	10 N	10 L	5 L	15	10 N	50 N	20	5 N	20 L
LH0625R	10 N	20 N	10 N	10 L	7	20	10 N	50 N	150	5	20 L
LH0625RB	10 N	20 N	10	20	15	30	10 N	50 N	100	5 N	20 L
LH0627R	10 L	20 N	10 N	10 L	5	30	10 N	50	50	20	20
LH0627RC	10 N	20 N	10 N	10 L	5	50	10 N	50 N	70	15	30
LH0627RD	10 N	20 N	10 N	10 L	5	50	10 N	50 N	70	5	20
LH0627RE	10 N	20 N	10 N	10 L	20	20	10 N	50	150	200	20
LH0627RF	10 N	20 N	10 N	10 L	5	30	10 N	50 L	50	7	20
LH0629R	10 N	20 N	10 L	10	70	30	10 N	50	500	5 N	20 L

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Si-S	Cd-S	Co-S	Cr-S	Cu-S	Ga-S	Ge-S	La-S	Mn-S	Mo-S	Nb-S
LH06316A	10 N	20 N	10 N	10 L	7	20	10 N	50 N	70	5 N	20 L
LH0639R	10 N	20 N	30	200	70	15	10 N	50 N	5000	5 N	20 L
LH0639RB	10 N	20 N	10 L	10	15	5 L	10 N	50 N	1500	5 N	20 L
LH0639RC	10 N	20 N	20	10 L	7	30	10 N	50 N	700	5 N	20 L
LH0639RD	10 N	20 N	20	200	70	15	10 N	50 N	700	5 N	20 L
LH0639RE	10 N	20 N	10 L	20	70	5 N	10 N	50 N	200	5 N	20 L
LH0640R	10 N	20 N	10 L	10 L	20	5 N	10 N	50 N	5000	5 N	20 L
LH0641RB	10 N	20 N	30	150	1000	10	10 N	50 N	700	5 N	20 L
LH0642R	10 N	20 N	10 L	10	20	5 M	10 N	50 N	1000	5	20 L
LH0643RA	10 N	20 N	30	500	50	20	10 N	50 N	1000	5 N	20 L
LH0643RB	10 N	20 N	30	150	70	50	10 N	50 N	1500	5 N	20 L
LH0644R	10 N	20 N	10	70	7	30	10 N	50 N	150	5 N	20 L
LH0647R	10 N	20 N	10 L	30	15	5 L	10 N	50 N	500	5 N	20 L
LH0648R	10 N	20 N	10 N	10 L	5 L	20	10 N	50 N	30	5 N	20 L
LH0649R	10 N	20 N	10 N	10 L	5 L	20	10 N	50 N	50	5 N	20 L
LH0703R	10 N	20 N	15	100	30	70	10 N	50 N	2000	5 N	20 L
LH0800RA	15	20 N	10	10 L	20	20	10 N	50 N	70	5 L	20 L
LH0802RA	10 L	20 N	10 N	10 L	200	20	10 N	70	1000	5 N	20 L
LH0802RB	10 N	20 N	10 N	10 L	150	30	10 N	70	700	5 N	20 L
LH0802RC	10 L	20 N	10 N	10 L	30	20	10 N	50	100	5 N	20 L
LH0803RA	10 N	20 N	10 L	10 L	5 L	30	10 N	50 N	500	5 N	20 L
LH0803RB	10 N	20 N	20	15	5 N	30	10 N	50 L	1000	5 N	20 L
LH0803RC	10 N	20 N	10 N	10 L	5 N	50	10 N	50 N	700	5 N	20 L
LH0804R	10 N	20 N	10 L	70	20	20	10 N	50 N	500	5 N	20 L
LH0805RA	10 N	20 N	10 N	10	15	5 N	10 N	50 N	700	5 N	20 L
LH0805RB	10 N	20 N	10 L	30	50	10 L	10 N	50 N	1500	5 N	20 L
LH0805RC	10 N	20 N	10 L	20	30	5 L	10 N	50 N	1500	5 N	20 L
LH0805RD	10 N	20 N	30	200	30	30	10 N	50 N	1500	5 N	20 L
LH0805RE	10 N	20 N	10 L	30	100	5	10 N	50 N	1000	5 N	20 L
LH0805RF	10 N	20 N	15	70	30	10	10 N	50 N	300	5 N	20 L
LH0806RA	10 N	20 N	10 L	30	500	5	10 N	50 N	1000	5 N	20 L
LH0807RA	10 N	20 N	10 L	70	30	7	10 N	50 N	1000	5 N	20 L
LH0807RB	50	20 N	15	20	200	5 L	10 N	50 N	150	5 N	20 L
LH0809RA	300	20 N	1000	50	7000	15	10 N	50 N	1000	5 N	20 L
LH0810RA	50	20 N	150	150	300	5 L	10 N	50 N	5000	5 N	20 L
LH0811RA	10 N	20 N	10 L	10 L	10	5	10 N	50 N	200	5 N	20 L
LH0811RB	50	20 N	10	150	70	50	10 N	50 N	200	5 N	20 L
LH0812RA	150	20 N	10 L	70	70	15	10 N	50 N	100	5 N	20 L
LH0813RA	10 L	20 N	10 L	30	100	15	10 N	50 N	300	5 N	20 L
LH0814RA	10	20 N	10 L	70	7000	20	10 N	50 N	700	5 N	20 L
LH0816RA	10 N	20 N	10 L	20	200	5 L	10 N	50 N	1000	5 N	20 L
LH0817RA	10 N	20 N	20	200	200	15	10 N	50 N	3000	5 N	20 L
LH0817RB	10 N	20 N	15	30	7	7	10 N	150	150	5 N	20 L
LH0817RC	10 N	20 N	10 L	150	5 L	20	10 N	50 N	500	5 N	20 L
LH0817RD	10 N	20 N	15	70	70	15	10 N	50 N	1500	5 N	20 L
LH0818RA	20	300	20	10 L	30	5 N	10 N	50 N	1500	5 N	20 L
LH0819RA	10 N	20 N	15	100	70	20	10 N	50 N	700	5 L	20 L
LH0819RB	10 N	20 N	15	150	15	20	10 N	50 N	500	5 N	20 L
LH0821RB	10 N	20 N	15	150	70	20	10 N	70	500	5 N	20 L
LH0822RA	10 N	20 N	15	150	50	20	10 N	50 N	1500	5 N	20 L

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Bi-S	Cd-S	Co-S	Cr-S	Cu-S	Ga-S	Ge-S	La-S	Mn-S	Mo-S	Nb-S
LH0823RA	10 N	20 N	15	50	700	7	10 N	50 N	700	5 N	20 L
LH0823RB	10 L	20 N	15	15	3000	5 N	10 N	50 N	500	5 N	20 L
LH0824RA	10 N	20 N	10 N	15	10	5 N	10 N	50 N	15	5 N	20 L
LH0824RB	150	20	15	10	300	5 N	10 N	50 N	2000	5 N	20 L
LH0826RA	10 N	20 N	15	100	70	15	10 N	50 L	2000	5 N	20 L
LH0826RC	10 N	20 N	30	70	200	20	10 N	50 N	3000	5 N	20 L
LH0829RA	10 N	20 N	10 N	10 L	5 N	70	10 N	50 N	300	5 N	20
LH0848RA	10 N	20 N	10 N	10 L	5 L	30	10 N	50 N	200	5 N	20 L
LH0853RA	10 N	20 N	10 L	70	15	7	10 N	50 N	70	5 N	20 L
LH0857RA	10 N	20 N	15	200	30	50	10 N	50 L	1000	5 N	20 L
LH0864RA	10 N	20 N	10 L	10 L	5 L	20	10 N	50 L	300	50	20 L
LH0866RD	10 N	20 N	15	10 L	100	30	10 N	50 N	500	5 N	20 L
LH0867RA	10 N	20 N	70	30	30	20	10 N	50 N	2000	5 N	20 L
LH0883RA	10 N	20 N	20	150	70	30	10 N	50 N	2000	5 N	20 L
LH0883RB	10 N	20 N	10	30	70	20	10 N	50 N	1500	5 N	20 L
LH0886RA	10 N	20 N	15	150	70	50	10 N	50 N	1500	5 N	20 L
LH0888RA	10 N	20 N	30	70	200	15	10 N	70	500	5 N	20 L
LH0900RA	10 N	20 N	10 N	10 L	15	30	10 N	50 N	20	15	20 L
LH0900RB	10 N	20 N	10 N	10 L	15	30	10 N	50 N	300	200	20 L
LH0901RA	10 N	20 N	10	200	10	20	10 N	50 N	700	5 L	20 L
LH0901RB	10 N	20 N	10 L	30	70	10	10 N	50 N	700	5 N	20 N
LH0902RA	10 N	20 N	30	10 L	30	5	10 N	50 N	1500	5 N	20 N
LH0902RB	10 N	20 N	15	30	15	30	10 N	50	700	5 N	20 L
LH0903RB	10 N	20 N	15	200	30	50	10 N	50 L	700	5 N	20 L
LH0903RD	10 N	20 N	50	150	100	30	10 N	50	1500	20	20 L
LH0904RB	10 N	20 N	10 N	10 L	5 L	15	10 N	50 L	500	5 L	20 L
LH0905RA	10 N	20 N	70	500	70	20	10 N	50 N	1000	5 N	20 L
LH0905RB	10 N	20 N	10 N	10 L	5 L	50	10 N	50 N	50	5 N	20 L
LH0905RC	10 N	20 N	10	10 L	70	5 N	10 N	50 N	5000	5 N	20 L
LH0906RA	10 N	20 N	70	150	70	30	10 N	50 N	2000	5	20 L
LH0909RA	10 N	50	10 N	10 L	10	30	10 N	50 N	300	5 N	20 L
LH0909RB	10 L	100	10 L	10 L	500	50	10 N	50 N	200	5 N	20 L
LH0910RA	15	20 N	10 L	10 L	30	30	10 N	50 N	300	5 N	20 L
LH0911RA	30	20 N	10	10 L	30	30	10 N	50 L	700	7	20 L
LH0912RA	10 N	20 N	10 N	15	100	30	10 N	50 L	700	5	20 L
LH0914RA	10 N	20 N	20	500	10	30	10 N	50 N	2000	5 N	20 L
LH0914RB	10 N	20 N	70	300	30	30	10 N	50 N	1500	5 N	20 L
LH0916RA	10 N	20 N	10 L	10	7	30	10 N	50 N	300	5 N	20 L
LH0919RA	10 N	20 N	10 L	10 L	5 L	30	10 N	50	500	5 N	20 L
LH0920RA	10 N	20 N	10 L	10 L	10	30	10 N	70	700	5 N	20 L
LH0920RB	10 N	20 N	30	300	20	30	10 N	50 N	1500	5 N	20 L
LH0922RA	15	20 N	15	10 L	200	70	10 N	70	70	5 N	20 L
LH0930RA	10 L	20 N	15	70	30	15	10 N	50 N	300	5 N	20 L
LH0935RA	10 N	20 N	10 L	10 L	5 L	50	10 N	70	700	5 N	20 L
LH0936RA	10 N	20 N	10 N	10 L	5 L	5 L	10 N	50 N	1500	5 N	20 N
LH0937RA	10 N	20 N	10 N	15	7	5 L	10 N	50 N	700	5 N	20 N
LH0945RA	10 N	20 N	10 N	10 L	5 L	20	10 N	50 N	1000	700	20 L
LH0945RB	10 N	20 N	10 N	10 L	5 L	30	10 N	50 N	50	5 N	20 L
LH0946RA	10 N	20 N	10 L	10 L	70	20	10 N	50 N	1000	5 N	20 L
LH0948RA	10 N	20 N	10 N	10 L	10	5 N	10 N	50 N	70	5 N	20 L
LH0949R	10 N	20 N	10 L	50	7	5 L	10 N	50 N	1000	5 N	20 L

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Bi-S	Cd-S	Co-S	Cr-S	Cu-S	Ga-S	Ge-S	La-S	Mn-S	Mo-S	Nb-S
LH0953RA	10 N	20 N	20	100	70	30	10 N	50 N	1000	5 N	20 L
LH0955RA	10 N	20 N	10 L	10 L	50	15	10 N	50 N	700	5 N	20 L
LH0957RA	10 N	20 N	50	30	5	20	10 N	50 N	1500	10	20 L
LH0970RA	10 N	20 N	10 L	70	20	10	10 N	50 N	200	5 N	20 L
LH0971RA	10 N	20 N	10	30	15	20	10 N	50 N	200	5 N	20 L
LH0976RA	10 N	20 N	50	1000	70	20	10 N	50 N	1000	5 N	20 L
LH0977RA	10 N	20 N	15	10 L	5000	10	10 N	50 N	3000	5 N	20 L
LH0982RA	10 N	20 N	10 L	15	70	15	10 N	50 N	700	15	20 L
LH1004RA	10 N	20 N	30	300	70	30	10 N	50 L	2000	5 N	20 N
LH1006RA	10 N	20 N	10 L	10 L	7	30	10 N	50 N	700	5 N	20 N
LH1008RA	10 N	20 N	15	150	50	15	10 N	50 N	1000	5 N	20 N
LH1008RB	10 N	20 N	10 L	70	5 L	10	10 N	50	2000	5 N	20 N
LH1013RA	10 N	20 N	10 N	10 L	5	5 L	10 N	50 N	150	5 N	20 N
LH1014RA	10 N	20 N	20	10 L	70	5 N	10 N	50 N	150	5 N	20 N
LH1016RA	10 N	20 N	15	70	70	50	10 N	50 L	1000	5 N	20 N
LH1016RB	10 N	20 N	15	100	20	50	10 N	50 N	2000	5 N	20 N
LH1017RA	10 N	20 N	10 L	30	20	20	10 N	50 N	100	5 N	20 N
LH1017RB	10 N	20 N	15	100	70	15	10 N	50 N	700	5 N	20 N
LH1017RC	10 N	20 N	10 L	50	15	10	10 N	50 N	1000	5 N	20 L
LH1018RA	10 N	20 N	50	20	15	70	10 N	100	2000	5 N	20 L
LH1018RB	10 N	20 N	15	30	15	70	10 N	70	1000	5 N	20 L
LH1019RA	300	500 G	30	10 L	1000	5 N	10 N	50 N	200	5 N	20 N
LH1021RA	10 N	20 N	20	100	70	30	10 N	50	500	5 N	20 N
LH1023RA	10 N	20 N	10 N	10 L	5 L	15	10 N	50 L	15	5	20 N
LH1026RA	10 N	20 N	10 N	10 L	5 L	50	10 N	50 N	200	5 N	20 L
LH1027RA	15	20 N	10 L	10 L	70	5 N	10 N	50 N	70	5 N	20 N
LH1027RB	150	20 N	100	10 L	70	5 N	10 N	50 N	30	5 N	20 N
LH1028RA	10 N	20 N	30	200	70	30	10 N	50	500	70	20 N
LH1033RA	10 N	20 N	20	100	7	30	10 N	50	1500	5 N	20 L
LH1034RA	10 N	20 N	20	30	70	30	10 N	50 L	700	5 N	20 L
LH1036RA	10 N	20 N	10 L	10 L	5	50	10 N	70	200	5 N	20 N
LH1038RA	10 N	20 N	10 N	10 L	5 L	5 N	10 N	50 N	200	5 N	20 N
LH1041RA	10 N	20 N	10 L	10	5	5 L	10 N	50 N	700	5 N	20 L
LH1053RA	10 N	20 N	20	70	70	20	10 N	50 L	150	7	20 L
LH1062RA	10 N	20 N	10 L	10 L	15	30	10 N	70	150	5 N	20 L
LH1070RA	10 N	20 N	10 N	10 L	5 L	20	10 N	50 N	500	150	20 L
LH1070RB	10 N	20 N	10 N	10 L	15	20	10 N	50 N	200	10	20 L
LH1070RC	10 N	20 N	10 L	10 L	15	20	10 N	50 L	500	70	20 L
LH1070RD	10 N	20 N	10 N	10 L	15	20	10 N	50 L	300	70	20 L
LH1071RA	10 L	20 N	10 N	10 L	100	10	10 N	50 N	300	300	20 L
LH1072RA	10 N	20 N	10 N	10 L	5 L	20	10 N	50 N	300	5 N	20 L
LH1072RB	10 N	20 N	10 N	10 L	5	15	10 N	50 N	200	5	20 L
LH1073RA	10	20 N	10 N	10 L	15	70	10 N	150	500	20	70
LH1073RB	10 N	20 N	15	70	50	15	10 N	50 N	700	5 N	20 L
LH1073RC	10 N	70	10 L	10 L	70	10	10 N	50 N	2000	5	20 L
LH1074RA	10 N	20 N	70	50	1000	30	10 N	50 N	2000	5 N	20 L
LH1074RB	10 N	20 N	70	10	3000	20	10 N	50 N	1000	30	20 L
LH1075RA	10 N	20 N	20	300	50	20	10 N	50 N	1500	5 N	20 L
LH1100R	10 L	20 N	10 L	10 L	20	30	10 N	50 N	500	5 N	20 L
LH1103R	10 N	20 N	10 L	15	7	30	10 N	50 N	700	5 N	20 L
LH1105R	10 N	20 N	20	70	200	50	10 N	500	1000	20	20 L

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Bi-S	Cd-S	Co-S	Cr-S	Cu-S	Ga-S	Ge-S	La-S	Mn-S	Mo-S	Nb-S
LH1106RA	10 N	20 N	50	10 L	300	5	10 N	50 N	700	5 N	20 L
LH1106RB	10 N	20 N	15	10	150	5 L	10 N	50 N	500	5 N	20 L
LH1107R	10 N	20 N	15	70	70	20	10 N	50 N	5000	5 N	20 L
LH1108RA	10 N	20 N	10 N	10 L	15	30	10 N	50 L	200	5 N	20
LH1108RB	10 N	20 N	20	70	70	50	10 N	50	200	5	20 L
LH1109R	10 N	20 N	10	30	50	7	10 N	50 N	150	50	20 L
LH1110R	10 N	20 N	20	150	50	30	10 N	50 N	200	5	20 L
LH1112RA	10 N	20 N	50	200	70	30	10 N	50	1500	20	20 L
LH1112RB	10 N	20 N	10 L	15	15	70	10 N	50	1000	5 N	30
LH1114RA	10 N	20 N	10	70	15	50	10 N	70	500	5 N	30
LH1114RB	10 N	20 N	20	10 L	100	70	10 N	50 N	1500	20	20
LH1115RA	10 N	20 N	10 L	10 L	7	5 N	10 N	50 N	200	5 N	20 L
LH1115RB	10 N	20 N	30	150	70	20	10 N	50 N	200	5 L	20 L
LH1116R	10 N	20 N	10 L	10 L	7	70	10 N	50 N	1000	5 N	20 L
LH1117RA	10 N	20 N	10 N	10 L	5	5 N	10 N	50 N	100	5 N	20 L
LH1117RB	10 N	20 N	20	150	70	15	10 N	50 N	700	5 N	20 L
LH1117RC	10 N	20 N	30	300	70	50	10 N	50 N	1000	5 N	20 L
LH1118R	10 N	20 N	15	150	50	20	10 N	50 N	700	5 L	20 L
LH1120R	150	300	15	10 L	2000	5 N	10 N	50 N	50	5 N	20 L
LH1123R	10 N	20 N	10 L	10 L	70	50	10 N	70	150	5 N	20 L
LH1124R	15	20 N	10 N	10 L	100	30	10 N	50 N	150	5 N	20 L
LH1128R	10 N	20 N	30	300	10	30	10 N	50 N	1500	5 N	20 L
LH1134R	10 N	20 N	10 N	10 L	5	30	10 N	50	200	5 N	20 L
LH1139R	10 N	20 N	10 N	10 L	50	30	10 N	50 N	150	5 N	20 L
LH1140R	10 N	20 N	10 N	10 L	10	50	10 N	50 L	300	5 N	20 L
LH1154R	10 N	20 N	30	150	70	30	10 N	50 L	200	5	20 L
LH1155R	10 N	20 N	70	70	70	70	10 N	50	700	5 N	20 L
LH1167R	10 N	20 N	10 L	10 L	15	70	10 N	100	70	5 N	20 L
LH1169R	10 N	20 N	10 N	10 L	7	50	10 N	50 N	15	70	20 L
LH1176RA	10 N	20 N	10 L	30	7	5	10 N	50 N	3000	5 N	20 L
LH1187RA	10 N	20 N	15	70	70	20	10 N	50 N	500	5	20 L
LH1191RA	10 N	20 N	20	70	30	30	10 N	50 N	700	5 N	20 L
LH1198RA	10 N	20 N	10	30	30	10	10 N	50 N	150	10	20 L
LH1201RA	10 N	20 N	10 N	20	20	10	10 N	50 N	200	5 L	20 L
LH1217RA	10 N	20 N	15	10 L	30	30	10 N	50 N	1500	5	20 L
LH1228RA	10 N	20 N	10 N	10 L	5 L	5 N	10 N	50 N	1000	5 N	20 L
LH1229RA	10 N	20 N	10	70	200	15	10 N	70	5000	10	20 L
LH1230RA	10 N	20 N	15	50	150	10	10 N	50 N	3000	5 N	20 L
LH1237RA	10 N	20 N	15	200	70	20	10 N	50 N	1000	5 N	20 L
LH1251RA	10 N	20 N	10 L	30	20	5	10 N	50 N	70	15	20 L
LH1300RA	10 N	20 N	30	700	30	15	10 N	50 N	1000	5 N	20 L
LH1302RA	10 N	20 N	70	70	300	20	10 N	70	1500	5 N	30
LH1308RA	10 N	20 N	15	30	10	20	10 N	50 N	1500	5 N	20 L
LH1309RA	10 N	20 N	50	100	70	20	10 N	50 N	2000	5 N	20 L
LH1310RA	10 N	20 N	50	150	70	15	10 N	50 N	1000	10	20 L
LH1318RA	10 N	20 L	30	15	50	15	10 N	50 N	2000	5 N	20 L
LH1322RA	10 N	20 N	10	30	70	15	10 N	50 N	1000	10	20 L
LH1329RA	10 N	20 N	10 L	10 L	5	50	10 N	100	1500	5 N	30

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Ni-S	Pb-S	Sb-S	Sc-S	Sn-S	Sr-S	Th-S	V-S	W-S	Y-S	Zn-S
LH0002RA	50	10. L	100 N	15	10	100	100 N	100	20 N	20	200. N
LH0002RB	50	10. L	100 N	30	10 N	700	100 N	150	20 N	20	200. N
LH0004RB	5 L	50.	100 N	5 L	15	100 L	100 N	10 L	20 N	50	200. N
LH0006R	20	30.	100 N	15	15	1500	100 N	150	20 N	15	200. N
LH0008RA	5 L	20.	100 N	10	10 N	500	100 N	30	20 N	50	200. N
LH0008RB	5 L	10.	100 N	5	10 N	300	100 N	20	20 N	30	200. N
LH0010R	5 L	15.	100 N	10	10 N	200	100 N	20	20 N	50	200. N
LH0011R	100	70.	100 N	15	30	700	100 N	200	20 N	20	200. N
LH0013R	10	10. N	100 N	5 N	10 N	100 L	100 N	10 L	20 N	10	200. N
LH0015RA	5 N	70.	100 N	5 N	50	100 L	100 N	10 N	20 N	50	200. N
LH0015RB	5 N	20.	100 N	5 N	10 N	100 N	100 N	10 N	20 N	100	200. N
LH0018R	5 N	10. N	100 N	5 N	10 N	100 N	100 N	10 N	20 N	10 N	200. N
LH0023R	20	100.	100 N	15	30	700	100 N	150	20 N	30	500.
LH0024R	5 L	20.	100 N	5 L	10 N	200	100 N	15	20 N	30	200. N
LH0025R	5 L	15.	100 N	5	10 N	200	100 N	20	20 N	30	200. N
LH0026R	20	30.	100 N	15	10 N	700	100 N	70	20 N	20	200. N
LH0029RB	70	10. N	100 N	10	10 N	100	100 N	70	20 N	20	200. N
LH0031R	50	20.	100 N	15	10 N	500	100 N	200	20 N	30	200. N
LH0034R	50	10. L	100 N	7	10 N	100 L	100 N	70	20 N	20	200. N
LH0037R	10	10. L	100 N	15	10 N	500	100 N	70	20 N	20	200. N
LH0038R	5 L	20.	100 N	7	10 N	300	100 N	20	20 N	30	200. N
LH0044R	5 L	10.	100 N	7	10	100 L	100 N	10 N	20 N	50	200. N
LH0047R	5 L	10.	100 N	5 L	50	100	100 N	10 N	20 N	15	200. N
LH0049R	5 N	20.	100 N	7	10 N	100 L	100 N	10 N	20 N	30	200. N
LH0053R	5 N	10. N	100 N	5 N	15	100 N	100 N	30	50	20	200. N
LH0054R	5 N	700.	700	5 N	30	100 N	100 N	10 N	150	10 N	10000. G
LH0055R	5 N	10. N	100 N	7	15	100 N	100 N	10 N	20	30	200. N
LH0056RA	5 L	30.	100 N	15	10 N	300	100 N	10	20 N	50	200. N
LH0056RB	5 L	10.	100 L	10	10 N	100 L	100 N	10	20 N	30	200. N
LH0056RC	5 L	700.	100 N	10	10 N	300	100 N	70	20 N	30	200. N
LH0056RD	5 L	30.	100 N	7	10 N	500	100 N	30	20 N	30	200. N
LH0060R	5 N	7000.	100 N	5 L	10 N	100 L	100 N	15	20 N	15	1000.
LH0063R	5 L	10. N	100 N	50	10	1000	100 N	500	20 N	50	200. N
LH0065RA	5 N	20.	100 N	7	10 N	200	100 N	20	20 N	10	200. N
LH0065RB	5 L	10.	100 N	20	10 N	1000	100 N	200	20 N	70	200. N
LH0068RA	5 L	15.	100 N	5 L	70	100 L	100 N	10 N	20 N	15	200. N
LH0068RB	5 L	20.	100 N	7	10 N	150	100 N	10	20 N	30	200. N
LH0068RC	5 L	10. N	100 N	5	70	100 N	100 N	10 L	20	30	200. N
LH0072RA	5 L	20.	100 N	7	10 N	100	100 N	10 L	20 N	30	200. N
LH0072RB	5 L	15.	100 N	7	70	100 N	100 N	100	20 N	10 N	200. N
LH0086R	50	100.	150	15	15	300	100 N	150	20 N	50	200. N
LH0087R	5 L	50.	100 N	5 N	10 N	100 L	100 N	10 N	20 N	50	200. N
LH0088RA	5 N	70.	100 N	5 N	10 N	100 N	100 N	10 N	20 N	70	200. N
LH0088RB	5 N	50.	100 N	5 N	15	100 L	100 N	10 N	20 N	300	200. N
LH0089R	5 L	20.	100 N	5 N	15	100 L	100 N	10	20 N	300	200. N
LH0090R	5 N	20.	100 N	5 N	10 N	100 N	100 N	10 N	20 N	50	200. N
LH0093R	5 L	30.	100 N	7	10 N	300	100 N	20	20 N	30	200. N
LH0097R	5 L	15.	100 N	5 L	10 N	700	100 N	15	20 N	10	200. N
LH0099R	5 N	30.	100 N	5 N	10 L	100 N	100 N	10 N	20 N	100	200. N
LH0101R	5 L	10.	100 N	5 N	10 N	100 L	100 N	10 N	20 N	10	200. N
LH0102RA	5 L	10. N	100 N	5 N	10 N	100	100 N	30	20 N	10 N	200. N

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Ni-S	Pb-S	Sb-S	Sc-S	Sn-S	Sr-S	Th-S	V-S	W-S	Y-S	Zn-S
LH0102RB	50	15.	100 N	7	10 N	100 N	100 N	70	20 N	15	200. N
LH0102RC	20	10. N	100 N	5	10 N	100 N	100 N	30	20 N	10	200. N
LH0102RD	5 L	100.	100 N	15	150	300	100 N	70	20 N	100	200. N
LH0102RE	5 N	100.	100 N	5 L	15	100 L	100 N	10 N	20 N	70	200. N
LH0104RA	50	20.	100 N	10	10 N	300	100 N	200	20 N	50	200. N
LH0104RB	20	10. L	100 N	7	10 N	500	100 N	100	20 N	20	200. N
LH0108RA	20	10. L	100 N	5 L	10 N	100	100 N	30	20 N	10 N	200. N
LH0111RA	20	10. L	100 N	15	10 N	1500	100 N	70	20 N	15	200. N
LH0111RB	30	10. L	100 N	7	10 N	300	100 N	50	20 N	15	200. N
LH0111RC	30	10. L	100 N	10	10 N	700	100 N	70	20 N	20	200. N
LH0112RA	70	15.	100 N	20	10 N	700	100 N	200	20 N	30	200. N
LH0112RB	70	20.	100 N	20	10 N	1000	100 N	150	20 N	30	200. N
LH0112RC	20	10. L	100 N	10	10 N	300	100 N	70	20 N	20	200. N
LH0113RA	20	10. N	100 N	5	10 N	100 L	100 N	50	20 N	10	200. N
LH0114RA	5 L	15.	150	7	10 N	100 N	100 N	15	20 N	10 N	200. N
LH0115RA	10	70.	100 N	5 N	10 N	100 N	100 N	10	20 N	10	7000.
LH0131RA	15	200.	100 N	10	10 N	1000	100 N	70	20 N	30	700.
LH0131RB	15	10. L	100 N	7	10 N	300	100 N	70	20 N	30	200. N
LH0133R	15	30.	100 N	7	10 N	200	100 N	30	20 N	30	200. N
LH0137RA	100	10. N	100 N	15	10	100	100 N	150	20 N	30	200. N
LH0137RB	15	20.	100 N	7	10 L	150	100 N	70	20 N	70	200. N
LH0137RC	50	10. N	100 N	10	10 N	200	100 N	150	20 N	70	200. N
LH0141R	5 L	150.	100 N	7	20	150	100 N	15	20 N	30	700.
LH0143R	5 L	10. N	100 N	15	10 N	700	100 N	50	20 N	30	200. N
LH0147R	5 L	50.	100 N	15	10 N	200	100 N	70	20 N	50	200. N
LH0148RA	150	30.	100 L	20	20	300	100 N	200	20 N	20	10000. G
LH0148RB	5 N	50.	100 N	5 N	10 N	100	100 N	10 N	20 N	50	200. N
LH0148RC	5 L	10.	100 N	5 L	10 N	500	100 N	30	20 N	10	200. N
LH0148RD	5 N	500.	100 L	5 L	30	100 L	100 N	30	20 N	10 N	200. N
LH0148RG	5 N	15.	100 N	5 L	10 N	500	100 N	30	20 N	15	200. N
LH0149RA	5 L	50.	100 N	5 N	15	100 L	100 N	10	20 N	100	200. N
LH0149RB	5 L	50.	100 N	20	10 N	2000	100 N	30	20 N	150	200. N
LH0150RA	15	20.	100 N	30	15	2000	100 N	200	20 N	50	200. N
LH0150RB	5 L	70.	100 N	7	10	200	100 N	15	20 N	150	200. N
LH0151RB	5 L	30.	100 N	5 L	10 L	300	100 N	20	20 N	70	200. N
LH0151RC	5 L	30.	100 N	5 L	10 L	200	100 N	20	20 N	70	200. N
LH0151RD	5 L	15.	100 N	5 N	10	100 L	100 N	10	20 N	100	200. N
LH0151RE	5 L	30.	100 N	5 N	10 L	100 L	100 N	10 N	20 N	50	200. N
LH0154R	10	30.	100 N	5 L	10 N	100 L	100 N	30	20 N	10	700.
LH0156R	5 L	150.	100 N	15	10 N	700	100 N	150	20 N	50	200.
LH0158R	5 N	15.	100 N	10	10 N	150	100 N	15	20 N	50	200. N
LH0207R	5	10. N	100 N	5 L	10 N	3000	100 N	10	20 N	10 N	200. N
LH0225R	5 L	50.	100 N	5 N	10	100 L	100 N	10 L	20 N	70	200. N
LH0228R	150	10.	100 N	70	10 N	100 N	100 N	300	20 N	20	200. N
LH0240RA	5 L	500.	100 N	5 L	50	100	100 N	10 N	20 N	70	700.
LH0240RB	5 L	5000.	100 N	5 N	150	100 L	100 N	10 L	20 N	70	1000.
LH0240RC	5 N	500.	100 N	5 N	100	100 N	100 N	10 N	20 N	70	500.
LH0240RD	5 N	70.	100 N	5 L	10	100	100 N	10 N	20 N	30	200. N
LH0240RE	5 L	500.	100 N	5 L	50	100	100 N	10	20 N	70	1000.
LH0241RA	20	10.	100 N	30	10 N	1000	100 N	200	20 N	50	200. N
LH0242R	5 L	10. N	100 N	5 N	10 N	100 N	100 N	10 N	20 N	10 N	200. N

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Ni-S	Pb-S	Sb-S	Sc-S	Sn-S	Sr-S	Th-S	V-S	W-S	Y-S	Zn-S
LH0243R	10	10. N	100 N	5 N	10 N	200	100 N	10	20 N	10	200. N
LH0244R	5	300.	100 N	5 N	10 N	100 L	100 N	10 L	20 N	10 N	700.
LH0246R	5 L	20.	100 N	15	10 N	300	100 N	30	20 N	30	200. N
LH0257R	5 L	30.	100 N	5 N	30	100 L	100 N	10 N	20 N	20	200. L
LH0260R	10	10.	100 N	15	10 N	300	100 N	150	20 N	20	200. N
LH0273R	5 L	200.	100 N	15	10 N	1500	100 N	200	20 N	30	700.
LH0277RA	5 N	15.	100 N	7	50	100 N	100 N	10	20 N	30	200. N
LH0277RB	5 N	20.	100 N	7	10	100 N	100 N	20	20 N	10	200.
LH0277RC	5 N	10. N	100 N	5	10 N	100 L	100 N	10 N	20 N	10	200. N
LH0277RD	5 N	30.	100 N	7	10 N	200	100 N	10 L	20 N	20	200. N
LH0278RA	5 N	10. N	100 N	7	10 N	100 L	100 N	10 N	20 N	15	200. N
LH0282RA	5 L	15.	100 N	7	10 N	200	100 N	30	20 N	50	200. N
LH0282RB	5 N	10.	100 N	5	20	700	100 N	20	100	10 L	200. N
LH0289R	5 N	20.	100 N	5 L	10 N	100 L	100 N	10 N	20 N	15	200. N
LH0294R	100	10.	100 N	20	10 N	300	100 N	150	20 N	30	200. N
LH0295RA	5 N	300.	100 N	5 N	150	500	100 N	20	20 N	70	2000.
LH0295RB	50	10. N	100 N	15	10 N	300	100 N	100	20 N	70	200. N
LH0296RA	5	300.	100 N	5 N	150	500	100 N	20	20 N	10 N	2000.
LH0296RB	5	70.	100 N	5 N	100	300	100 N	10	20 N	10 N	200.
LH0306R	10	10. L	100 N	7	10 N	5000 G	100 N	30	20 N	10	200. N
LH0307R	5 L	10.	100 N	5	10	200	100 N	10 N	20 N	30	200. N
LH0308R	5 N	50.	100 N	7	20	100 L	100 N	10 N	20 N	50	200. N
LH0310R	100	15.	100 N	30	10 N	150	100 N	200	20 N	30	200. N
LH0311RA	30	30.	100 N	10	10 N	3000	100 N	70	20 N	15	200.
LH0311RB	5 L	30.	100 N	15	10 N	700	100 N	70	20 N	30	200. N
LH0311RC	20	10.	100 N	5	10 N	100 L	100 N	50	20 N	10 L	200. N
LH0316RA	20	100.	100 N	15	15	100	100 N	100	20	10 L	200. N
LH0316RB	15	100.	100 N	15	30	150	100 N	150	20 N	10 L	200. N
LH0316RC	30	10.	100 N	10	10 N	700	100 N	100	20 N	15	200. N
LH0317R	70	20.	100 N	15	10 N	500	100 N	150	20 N	20	200. N
LH0320RA	5 L	20.	100 N	7	10 N	100 L	100 N	10 N	20 N	30	200. N
LH0320RB	5 L	70.	100 N	30	10 N	100 N	100 N	10 N	20 N	70	300.
LH0321R	5 L	50.	100 N	5	10 L	100 N	100 N	20	20 N	30	200. N
LH0322R	5 L	100.	100 N	7	10 N	1500	100 N	70	20 N	10 L	200. N
LH0323RA	5 L	20.	100 N	15	10 N	1500	100 N	150	20 N	15	200. N
LH0323RB	5 L	30.	100 N	10	100	100 N	100 N	50	50	30	10000.
LH0327RA	30	200.	100 N	10	50	100 N	100 N	70	20 N	70	1000.
LH0327RB	5 L	70.	100 N	10	50	100 L	100 N	70	20 N	10	200. N
LH0328R	5 N	30.	100 N	7	10 N	200	100 N	10 N	20 N	30	200. N
LH0330R	5	300.	100 N	15	150	100 N	100 N	70	20 N	30	700.
LH0331RA	5	10. N	100 N	15	10 N	3000	100 N	30	20 N	15	200. N
LH0331RB	5 L	20.	100 N	5 L	10 N	1000	100 N	10 N	30	30	200. N
LH0331RC	5 L	20.	100 N	5	10 N	100 L	100 N	10 N	20 N	30	200. N
LH0334RA	70	30.	100 N	15	10 N	1000	100 N	150	20 N	30	200. N
LH0335R	20	20.	100 N	15	10 N	1000	100 N	100	20 N	20	200. N
LH0337R	5 N	15.	100 N	5 L	10 N	300	100 N	10	20 N	10	200. N
LH0339R	5 L	70.	100 N	5 L	15	100	100 N	10	20 N	30	200. N
LH0340RA	5 L	15.	100 N	10	70	100	100 N	20	20 N	30	200. N
LH0340RB	15	10. L	100 N	30	10 N	3000	100 N	300	20 N	30	200. N
LH0344R	100	30.	100 N	30	10 N	500	100 N	500	20 N	30	200. N
LH0346RA	10	10. N	100 L	5 L	10 N	100	100 N	30	20 N	10	200. N

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Ni-S	Pb-S	Sb-S	Sc-S	Sn-S	Sr-S	Th-S	V-S	W-S	Y-S	Zn-S
LH0346RB	5	20.	100	5 N	10 N	100 N	100 N	30	20 N	10 N	200. N
LH0353RA	5 N	30.	100 N	5 N	10 N	100 L	100 N	10 N	20 N	50	200. N
LH0353RB	5 L	30.	100 N	5 N	10 N	100 L	100 N	10 N	20 N	30	200. N
LH0358RA	5 L	30.	100 N	15	10 N	300	100 N	10 L	20 N	30	200. N
LH0359RA	5 N	10. N	100 N	5	20	100 L	100 N	10 L	20 N	10	200. N
LH0359RB	5 N	10. N	100 N	5 L	15	100 L	100 N	10 N	20 N	10	200. N
LH0359RC	5 L	10.	100 N	7	10 L	100 L	100 N	10 L	20 N	20	200. N
LH0364R	5 L	20.	100 N	5	10 N	100	100 N	10 L	20 N	20	200. N
LH0365R	15	10. L	100 N	70	10 N	700	100 N	300	20 N	10	200. N
LH0375R	5 L	10. L	100 N	50	10 N	1500	100 N	700	20 N	30	200. N
LH0377R	10	10. L	100 N	5 L	10 N	300	100 N	30	20 N	30	200. N
LH0378R	70	20.	100 N	20	10 N	700	100 N	150	20 N	30	200. N
LH0379R	30	20.	100 N	10	10	100	100 N	150	20 N	50	700.
LH0390R	5 L	30.	100 N	5 L	10 N	200	100 N	10 L	20 N	50	200. N
LH0391R	5 L	15.	100 N	5 L	10 N	100 L	100 N	10 L	20 N	30	200. N
LH0392R	5 L	20000.	100	5 N	100	100 N	100 N	10 L	20 N	20	3000.
LH0398R	50	10.	100 N	5 N	10 N	100 L	100 N	70	20 N	10	200. N
LH0410R	50	30.	100 N	20	10 N	500	100 N	200	20 N	30	200. N
LH0412RA	70	10. L	100 N	15	10 N	1000	100 N	150	20 N	50	200. N
LH0412RB	200	70.	100 N	5	10	100	100 N	10	20 N	10 L	200. N
LH0419R	20	10.	100 N	10	10 N	150	100 N	70	20 N	30	200. L
LH0421R	70	10.	100 N	30	10 L	300	100 N	300	20 N	50	200. N
LH0423R	5 L	10. N	100 N	5 N	10 N	100 L	100 N	10 N	20 N	10	200. N
LH0432R	5 L	30.	100 N	15	10 N	150	100 N	30	20 N	30	200. N
LH0440RA	5 L	20.	100 N	7	10 N	150	100 N	10 L	20 N	50	200. N
LH0440RB	5 L	20.	100 N	7	10 N	150	100 N	10 L	20 N	50	200. N
LH0467R	5 L	10. N	100 N	5 N	10 N	700	100 N	10	20 N	15	200. N
LH0500R	500	15.	100 N	30	20	1000	100 N	300	20 N	30	200. N
LH0501R	5 L	50.	100 N	15	10 N	300	100 N	15	20 N	70	200. N
LH0502RA	5 L	20.	100 N	15	10 N	300	100 N	10	20 N	50	200. N
LH0502RB	5 L	10.	100 N	15	10 N	200	100 N	10 L	20 N	30	200. N
LH0503R	5 L	50.	100 N	15	10 N	500	100 N	10 L	20 N	30	200. N
LH0504RA	5 L	50.	100 N	7	10 N	200	100 N	70	20 N	15	200. N
LH0504RB	5	10. N	100 N	7	10 N	150	100 N	70	20 N	10	200. N
LH0504RC	5 L	50.	100 N	15	10 N	500	100 N	100	20 N	20	200. N
LH0504RD	5 L	15.	100 N	10	10 N	150	100 N	10 L	20 N	30	200. N
LH0504RE	5 L	30.	100 N	7	10 N	100 L	100 N	10 L	20 N	50	200. N
LH0505R	5 L	30.	100 N	7	15	100 L	100 N	10 L	20 N	50	200. N
LH0506R	5 L	50.	100 N	5 L	15	100 L	100 N	10 N	20 N	70	200. N
LH0508R	50	20.	100 N	15	10 N	100 N	100 N	100	20 N	50	200.
LH0511R	20	10. N	100 N	5 N	10 N	100 N	100 N	10	20 N	10 L	200. N
LH0514R	70	20.	100 N	30	10 N	700	100 N	500	20 N	50	200. N
LH0617RB	5 L	10. N	100 N	5 L	10 N	100 N	100 N	10	20 N	15	200. N
LH0625R	5 L	70.	100 N	5 L	10 N	100 L	100 N	10 N	20 N	10	200. N
LH0625RB	10	30.	100 N	15	10	150	100 N	100	20 N	30	200. N
LH0627R	5 L	50.	100 N	5 N	15	100 N	100 N	10 N	20 N	70	200. N
LH0627RC	5 L	150.	100 N	5 N	30	100 L	100 N	10 N	20 N	100	200. N
LH0627RD	5 L	70.	100 N	5 N	70	100	100 N	10 L	20 N	70	200. N
LH0627RE	5 L	20.	100 N	5 N	30	200	100 N	10 L	20 N	300	200. N
LH0627RF	5 L	100.	100 N	5 N	20	100 N	100 N	10 N	20 N	70	200. N
LH0629R	5	30.	100 N	10	20	150	100 N	30	20 N	30	700.

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Ni-S	Pb-S	Sb-S	Sc-S	Sn-S	Sr-S	Th-S	V-S	W-S	Y-S	Zn-S
LH0631RA	5 L	50.	100 N	5 L	10 N	100	100 N	10 N	20 N	10	200. N
LH0639R	70	15.	100 N	20	10 N	1500	100 N	200	20 N	30	200. N
LH0639RB	10	10. N	100 N	10	10 N	100	100 N	30	20 N	50	200. N
LH0639RC	5 L	20.	100 N	20	10 N	1500	100 N	70	20 N	50	200. N
LH0639RD	70	10.	100 N	15	10 N	150	100 N	200	20 N	30	200. N
LH0639RE	5	10. N	100 N	5	10 N	100 N	100 N	30	20	15	200. N
LH0640R	5 L	10. N	100 N	10	10 N	100 N	100 N	10 N	20 N	20	200. N
LH0641RB	70	10. N	100 N	15	10 N	150	100 N	150	20 N	20	200. N
LH0642R	10	10. N	100 N	5 N	10 N	200	100 N	30	20 N	10	200. N
LH0643RA	70	10.	100 N	20	10 N	500	100 N	150	20 N	15	200. N
LH0643RB	70	10.	100 N	15	10 N	150	100 N	200	20 N	20	200. N
LH0644R	5 L	15.	100 N	15	10 N	700	100 N	100	20 N	20	200. N
LH0647R	15	20.	100 N	15	10 N	200	100 N	70	20 N	20	200. N
LH0648R	5 N	30.	100 L	5 N	10 N	100 N	100 N	10 N	20 N	10 N	200. N
LH0649R	5 L	20.	100 N	7	10 N	200	100 N	30	20 N	10	200. N
LH0703R	30	10. L	100 N	10	10 N	200	100 N	100	20 N	15	200. N
LH0800RA	5 L	30.	100 N	5	15	100 L	100 N	10 L	20 N	30	200. N
LH0802RA	5 L	150.	100 N	5	150	100 L	100 N	10 L	20 N	100	2000.
LH0802RB	5 L	50.	100 N	5	50	100	100 N	10	20 N	30	300.
LH0802RC	5 L	30.	100 N	5 N	10 N	100 L	100 N	10 N	20 N	20	200. N
LH0803RA	5 N	20.	100 N	5 L	10 N	200	100 N	20.	20 N	20	200. N
LH0803RB	5	15.	100 N	15	10 N	1500	100 N	200	20 N	20	200. N
LH0803RC	5 L	15.	100 N	7	100	700	100 N	30	20 N	50	200. N
LH0803RD	5 L	10.	100 N	5	100	100 L	100 N	15	20 N	50	200. N
LH0804R	15	15.	100 N	7	10 N	300	100 N	150	20 N	15	200. N
LH0805RA	5	10. N	100 N	5 L	10 N	700	100 N	20	20 N	10	200. N
LH0805RB	5	10.	100 N	5	10 N	150	100 N	30	20 N	15	200. N
LH0805RC	15	15.	100 N	5	10 N	200	100 N	30	20 N	10	200. N
LH0805RD	70	20.	100 N	20	10 N	100 L	100 N	300	20 N	30	200.
LH0805RE	15	10. L	100 N	5	10 N	150	100 N	50	20 N	10	200. N
LH0805RF	30	15.	100 N	7	15	100 N	100 N	70	20 N	15	200. N
LH0806RA	20	10.	100 N	7	10	100 L	100 N	70	20 N	10	200. N
LH0807RA	20	10. N	100 N	10	10 N	200	100 N	100	20 N	15	200. N
LH0807RB	20	10.	100 N	7	50	100 N	100 N	70	20 N	15	200.
LH0809RA	50	1500.	1500	5	300	100 N	100 N	70	20 N	10	500.
LH0810RA	50	15.	100 L	10	20	100 N	100 N	200	20 N	20	200. N
LH0811RA	5 L	20000.	1000	5	15	300	100 N	10 N	20 N	30	200. N
LH0811RB	5 L	70.	100 L	20	500	100 N	100 N	150	20 N	30	200. N
LH0812RA	7	150.	100 L	10	300	100 N	100 N	100	20 N	50	200. N
LH0813RA	5 L	15.	100 N	5	150	100 L	100 N	30	20 N	10	200. N
LH0814RA	10	20.	100 N	7	50	300	100 N	70	20 N	15	200. N
LH0816RA	10	10. N	100 N	7	10 N	100 N	100 N	20	20 N	15	200. N
LH0817RA	70	10. L	100 N	15	10 N	300	100 N	200	200	15	200. N
LH0817RB	20	10. N	100 N	7	10 N	700	100 N	70	20 N	30	200. N
LH0817RC	5 L	20.	100 N	5 L	10 N	300	100 N	15	150	10	200. N
LH0817RD	50	10. L	100 L	10	10 N	100	100 N	150	20 N	15	200. N
LH0818RA	50	10. L	100 N	7	10 N	200	100 N	100	20 N	15	10000. G
LH0819RA	7	10. N	100 N	5 L	10 N	100 N	100 N	10 L	20 N	10 L	200. N
LH0819RB	70	50.	100 N	15	10 N	100 L	100 N	150	20 N	20	200. N
LH0821RB	30	15.	100 N	10	10 N	300	100 N	150	20 N	15	200. N
LH0822RA	70	15.	100 N	10	10 N	100 L	100 N	150	20 N	20	200. N

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Ni-S	Pb-S	Sb-S	Sc-S	Sn-S	Sr-S	Th-S	V-S	W-S	Y-S	Zn-S
LH0823RA	70	10.	100 N	7	10 N	100 N	100 N	70	20 N	15	200. N
LH0823RB	30	15.	100 N	5 L	10 N	100 N	100 N	20	20 N	10	500.
LH0824RA	5 L	10. N	100 N	5 L	10 N	100 N	100 N	20	20 N	10 N	200. N
LH0824RB	30	1000.	1000	5 N	50	100 L	100 N	20	20 N	10 N	3000.
LH0826RA	70	15.	100 N	15	10 N	100 N	100 N	100	20 N	20	200.
LH0826RC	70	50.	100 N	7	10 N	100 N	100 N	70	20 N	20	300.
LH0829RA	5 L	70.	100 N	7	10 L	100 L	100 N	10 N	20 N	100	200. N
LH0848RA	5 L	20.	100 L	5 L	10	100 N	100 N	10 N	20 N	50	200. N
LH0853RA	30	10. L	100 N	7	10 N	100 L	100 N	70	20 N	15	200. N
LH0857RA	70	20.	100 N	20	10 N	100 N	100 N	300	20 N	20	200. N
LH0864RA	5 L	15.	100 N	5 N	10 N	200	100 N	15	20 N	10	200. N
LH0866RD	5 L	20.	100 N	5 N	10 N	200	100 N	15	20 N	10 N	200. N
LH0867RA	15	10. N	100 N	30	10 N	2000	100 N	700	20 N	50	200. N
LH0883RA	50	15.	100 N	20	10 N	700	100 N	300	20 N	20	200. N
LH0883RB	30	10. L	100 N	7	10 N	150	100 N	150	20 N	10 L	200. N
LH0886RA	50	15.	100 N	30	10 N	700	100 N	300	20 N	30	200. N
LH0888RA	100	10.	100 N	20	10 N	300	100 N	200	20 N	30	200. N
LH0900RA	5 L	70.	100 N	5 L	70	200	100 N	15	20	30	200. N
LH0900RB	5 L	15.	100 N	5 L	15	100 L	100 N	10 L	20 N	15	200. N
LH0901RA	30	10. L	100 N	15	10 N	1000	100 N	150	20 N	30	200. N
LH0901RB	30	20.	100 N	10	10 N	300	100 N	70	20 N	20	200. N
LH0902RA	15	20.	100 N	5 L	10 N	700	100 N	20	20 N	15	200. N
LH0902RB	10	20.	100 N	7	10 N	300	100 N	100	20 N	50	200. L
LH0903RB	70	30.	100 N	15	10 N	200	100 N	300	20 N	30	200. L
LH0903RD	100	15.	100 N	20	10 N	200	100 N	700	20 N	30	300.
LH0904RB	5 L	150.	100 N	5 L	10 N	100 L	100 N	10 L	20 N	15	200. N
LH0905RA	150	10. N	100 N	30	10 N	200	100 N	300	20 N	20	200. N
LH0905RB	5 L	30.	100 N	5 L	15	200	100 N	10 L	20 N	10 L	200. N
LH0905RC	30	15.	100 N	5 N	10 N	100 L	100 N	10 L	20 N	10 L	300.
LH0906RA	150	20.	100 N	15	10 N	100	100 N	300	20 N	30	200. N
LH0909RA	5 L	30.	100 N	5 L	10	100 L	100 N	10 L	20 N	30	700.
LH0909RB	5 L	100.	100 N	5	20	100 L	100 N	15	20 N	20	7000.
LH0910RA	5 L	15.	100 N	5	10 L	100 L	100 N	10 N	20 N	50	200. N
LH0911RA	5	30.	100 N	7	15	300	100 N	30	100	70	200. N
LH0912RA	5	15.	100 N	10	15	300	100 N	70	20 N	30	200. N
LH0914RA	50	10.	100 N	30	10 N	300	100 N	150	20 N	20	200. N
LH0914RB	150	10. N	100 N	30	10 N	700	100 N	300	20 N	50	200. N
LH0916RA	5 L	20.	100 N	5 L	50	100 L	100 N	10 L	20 N	30	200. L
LH0919RA	5	15.	100 N	5	10 N	100	100 N	15	20 N	50	200. N
LH0920RA	5	30.	100 N	15	10 N	150	100 N	20	20 N	70	200. N
LH0920RB	70	10. L	100 N	20	10 N	500	100 N	150	20 N	30	200. N
LH0922RA	5 L	100.	100 N	10	10 N	100 N	100 N	10 L	20 N	300	200. L
LH0930RA	30	10. L	100 N	7	10 N	100 L	100 N	100	20 N	15	200. N
LH0935RA	5 L	30.	100 N	7	10 N	100 L	100 N	15	20 N	30	200. N
LH0936RA	5	10.	100 N	5 L	10 N	1500	100 N	10 L	20 N	15	200. N
LH0937RA	10	10. L	100 N	5	10 N	300	100 N	15	20 N	15	200. N
LH0945RA	5 L	15.	100 N	7	10 N	200	100 N	10	20 N	20	200. N
LH0945RB	5 L	10.	100 N	7	10	100 L	100 N	10	20 N	30	200. N
LH0946RA	5 L	10.	100 N	5	10	200	100 N	15	20 N	20	200. N
LH0948RA	10	10. N	100 N	5 N	10 N	100 N	100 N	30	20 N	10	200. N
LH0949R	7	15.	100 N	5 L	10 N	1500	100 N	10	20 N	15	200. N

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Ni-S	Pb-S	Sb-S	Sc-S	Sn-S	Sr-S	Th-S	V-S	W-S	Y-S	Zn-S
LH0953RA	30	10.	100 N	20	10 N	700	100 N	300	20 N	20	200. N
LH0955RA	5 L	10.	100 N	5	10 N	100	100 N	15	20 N	20	200. N
LH0957RA	10	10. L	100 N	15	10 N	500	100 N	200	20 N	15	200. N
LH0970RA	30	10. L	100 N	10	10 N	3000	100 N	70	20 N	15	200. N
LH0971RA	7	10. L	100 N	20	10 N	500	100 N	150	20 N	30	200. N
LH0976RA	20	10. N	100 N	50	10 N	1500	100 N	300	20 N	15	200. N
LH0977RA	20	10.	100 N	5 N	10 N	100 N	100 N	50	30	20	300.
LH0982RA	5	10. L	100 N	15	10 N	300	100 N	150	20 N	20	200. N
LH1004RA	100	30.	100 N	30	10 N	500	100 N	300	20 N	30	200. N
LH1006RA	5 L	20.	100 N	7	10 N	300	100 N	20	20 N	50	200. N
LH1008RA	70	20.	100 N	10	10 N	150	100 N	150	20 N	15	200. N
LH1008RB	30	10. L	100 N	7	10 N	100	100 N	70	20 N	70	200. N
LH1013RA	5 L	70.	100 N	5 N	10 N	100 N	100 N	10 N	20 N	10 L	200. N
LH1014RA	20	10. N	100 N	5 N	10 N	100 N	100 N	10	20 N	10 N	200. N
LH1016RA	50	20.	100 N	10	10 N	500	100 N	70	20 N	15	200. L
LH1016RB	30	10.	100 N	15	10 N	1000	100 N	200	20 N	15	200. L
LH1017RA	10	50.	100 N	5 L	10 N	200	100 N	70	20 N	10 L	200. N
LH1017RB	50	10.	100 N	15	10 N	500	100 N	150	20 N	15	200. N
LH1017RC	20	10.	100 N	5	10 N	100 L	100 N	30	20 N	10 L	200. N
LH1018RA	5	15.	100 N	15	10 N	700	100 N	100	20 N	70	200. N
LH1018RB	7	15.	100 N	20	10 N	300	100 N	70	20 N	70	200. N
LH1019RA	30	10. N	100 N	5 N	10 N	100 N	100 N	10	20 N	10 N	10000. G
LH1021RA	70	30.	100 N	30	10 N	300	100 N	300	20 N	30	200. L
LH1023RA	5 L	15.	100 N	5 N	10 N	100 N	100 N	10 N	20 N	15	200. N
LH1026RA	5 L	50.	100 N	5 N	15	100 N	100 N	10 N	20 N	70	200. N
LH1027RA	20	10. N	100 N	5 L	10 L	100 N	100 N	30	20 N	10 L	200. N
LH1027RB	30	10. L	100 L	5 L	10 L	100 N	100 N	10	20 N	10 N	1000.
LH1028RA	150	10.	100 N	20	10 N	100	100 N	700	20 N	30	700.
LH1033RA	30	10.	100 N	15	10 N	1500	100 N	200	20 N	15	200. N
LH1034RA	100	15.	100 N	10	10 N	700	100 N	70	20 N	30	200. N
LH1036RA	5 L	10.	100 N	10	15	150	100 N	30	20 N	70	200. N
LH1038RA	5 L	10. N	100 N	5 N	10 N	3000	100 N	10	20 N	10	200. N
LH1041RA	15	10.	100 N	5 N	10 N	300	100 N	30	20 N	15	200. N
LH1053RA	50	10.	100 N	15	10 L	700	100 N	70	20 N	15	200. N
LH1062RA	5	15.	100 N	10	10 N	200	100 N	20	20 N	50	200. N
LH1070RA	5 L	20.	100 N	5 L	10 N	100 L	100 N	10 N	20 N	20	200. N
LH1070RB	5 L	15.	100 N	5 L	10 N	100 L	100 N	10 N	20 N	10	200. N
LH1070RC	5 L	20.	100 N	5	10 N	100 L	100 N	10 N	20 N	30	200. N
LH1070RD	5 L	15.	100 N	5 L	10 N	100	100 N	10 L	20 N	10	200. N
LH1071RA	5 L	150.	100 N	5 N	10 N	100 L	100 N	10 N	20 N	15	200. N
LH1072RA	5 L	15.	100 N	5 L	10 N	100	100 N	10	20 N	20	200. N
LH1072RB	5 L	15.	100 N	5 L	10 N	100 L	100 N	10 N	20 N	15	200. N
LH1073RA	5 L	70.	100 N	5 N	15	150	100 N	10 N	20 N	150	200. N
LH1073RB	30	15.	100 N	15	10 N	150	100 N	70	20 N	20	200.
LH1073RC	20	200.	100 N	7	10 L	300	100 N	70	20 N	50	5000.
LH1074RA	50	10.	100 N	30	10 N	700	100 N	500	20 N	50	200.
LH1074RB	30	100.	100 N	5 L	10	100 N	100 N	50	20 N	50	700.
LH1075RA	70	15.	100 N	20	10 N	100	100 N	300	20 N	15	200. L
LH1100R	5 L	15.	100 N	7	10 N	200	100 N	30	20 N	50	200. N
LH1103R	7	20.	100 N	10	10 N	500	100 N	70	20 N	30	200. N
LH1105R	50	15.	100 N	15	10 N	700	100 L	150	20 N	30	200. N

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Ni-S	Pb-S	Sb-S	Sc-S	Sn-S	Sr-S	Th-S	V-S	W-S	Y-S	Zn-S
LH1106RA	70	10.	100 N	7	10 N	100 N	100 N	70	20 N	15	200. L
LH1106RB	7	20.	100 N	5 N	10 N	100 N	100 N	15	20 N	10 N	200. N
LH1107R	30	20.	100 N	7	10 N	300	100 N	70	20 N	15	200. N
LH1108RA	5 L	30.	100 N	5 L	10 N	100 L	100 N	10 N	20 N	70	200. N
LH1108RB	50	30.	100 N	15	10 N	2000	100 N	300	20 N	15	200. N
LH1109R	150	30.	100 N	5	10 N	100 L	100 N	300	20 N	20	200. N
LH1110R	70	30.	100 N	20	10 N	700	100 N	300	20 N	15	500.
LH1112RA	150	20.	100 N	30	10 N	700	100 N	700	20 N	50	200. L
LH1112RB	10	20.	100 N	30	10 N	500	100 N	70	20 N	70	200. N
LH1114RA	30	10. L	100 N	15	10 N	150	100 N	150	20 N	70	300.
LH1114RB	50	20.	100 N	30	15	100	100 N	30	20 N	150	200. N
LH1115RA	10	10. N	100 N	5 N	10 N	100 L	100 N	10 N	20 N	10 L	200. N
LH1115RB	70	15.	100 N	15	10 N	700	100 N	300	20 N	15	200. N
LH1116R	5	30.	100 N	15	10 N	700	100 N	50	20 N	30	200. N
LH1117RA	5 L	10. N	100 N	5 N	10 N	100 N	100 N	10 N	20 N	10 L	200. N
LH1117RB	70	15.	100 N	7	10 N	150	100 N	70	20 N	10	200. N
LH1117RC	70	15.	100 N	30	10 N	300	100 N	300	20 N	20	200. N
LH1118R	50	15.	100 N	15	10 N	200	100 N	200	20 N	20	200. N
LH1120R	5	5000.	100 N	5 N	700	100 N	100 N	10 N	20 N	10 N	10000. G
LH1123R	5 L	20.	100 N	15	15	100	100 N	20	20 N	70	200. N
LH1124R	5 L	50.	100 N	5 L	10	100 L	100 N	10 N	20 N	15	300.
LH1128R	70	10.	100 N	20	10 N	300	100 N	200	20 N	20	200. N
LH1134R	5 L	30.	100 N	7	10 N	100	100 N	10 L	20 N	50	200. N
LH1139R	5 L	20.	100 N	5 N	15	100 N	100 N	10 N	20 N	15	200. L
LH1140R	5 L	10. L	100 N	10	10 N	150	100 N	20	20 N	50	200. N
LH1154R	70	20.	100 N	30	10	700	100 N	300	20 N	30	200. N
LH1155R	70	10.	100 N	10	15	200	100 N	150	20 N	30	200. N
LH1167R	5 L	15.	100 N	10	15	150	100 N	30	20 N	50	200. N
LH1169R	5 L	10. L	100 N	5	20	100 N	100 N	10 L	20 N	30	200. N
LH1176RA	15	15.	100 N	7	10 N	700	100 N	30	20 N	15	200. N
LH1187RA	20	20.	100 N	20	10 N	300	100 N	300	20 N	30	200. N
LH1191RA	30	10. L	100 N	30	10 N	500	100 N	300	20 N	20	200. N
LH1198RA	20	10. L	100 N	15	10 N	150	100 N	200	20 N	20	200. N
LH1201RA	7	10. L	100 N	7	10 N	100	100 N	150	20 N	15	200.
LH1217RA	5 L	15.	100 N	20	10 N	1500	100 N	150	20 N	50	200. N
LH1228RA	5	10. N	100 N	5 N	10 N	100 N	100 N	10 N	20 N	10	200. N
LH1229RA	50	15.	100 N	5 L	10 N	100 L	100 N	300	20 N	70	200. N
LH1230RA	20	10. N	100 N	7	10 N	100 N	100 N	70	20 N	15	200. N
LH1237RA	100	10.	100 N	20	10 N	100 N	100 N	300	20 N	30	200. N
LH1251RA	30	15.	100 N	7	10 N	100 N	100 N	150	20 N	10	200. N
LH1300RA	50	20.	100 N	30	10 N	700	100 N	300	20 N	15	200. N
LH1302RA	70	10.	100 N	30	10 N	700	100 N	500	20 N	50	200. N
LH1308RA	10	15.	100 N	20	10 N	500	100 N	150	20 N	30	200. N
LH1309RA	30	10. L	100 N	50	10 N	500	100 N	500	20 N	15	200. N
LH1310RA	70	10.	100 N	30	10 N	300	100 N	300	20 N	15	200. N
LH1318RA	20	10.	100 N	10	10	300	100 N	150	20 N	15	1500.
LH1322RA	30	10. N	100 N	15	10 N	100	100 N	300	20 N	15	1000.
LH1329RA	5 L	20.	100 N	5 N	10 L	700	100 N	10 N	20 N	70	200. N

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Zr-S	Ag-ICP	As-ICP	Au-ICP	Bi-ICP	Cd-ICP	Cu-ICP	Mo-ICP	Pb-ICP	Sb-ICP	Zn-ICP
LH0002RA	100	.720	55.00	.15 N	.60 N	.29	90.000	.760	2.70	.60 N	84.00
LH0002RB	70	.061	13.00	.15 N	.60 N	.12	24.000	.240	3.50	2.50	67.00
LH0004RB	200	.230	15.00	.15 N	.69	.03 N	5.100	1.500	27.00	1.90	56.00
LH0006R	200	.820	8.30	.15 N	1.30	.51	110.000	.090 N	28.00	.78	47.00
LH0008RA	150	.098	.60 N	.15 N	.60 N	.09	1.500	.970	13.00	.60 N	63.00
LH0008RB	100	.045 N	.60 N	.15 N	.60 N	.07	1.900	.130	8.10	.60 N	11.00
LH0010R	150	.053	.60 N	.15 N	.60 N	.03 N	.900	1.000	3.40	.60 N	23.00
LH0011R	150	1.500	90.00	.15 N	2.90	.18	230.000	.330	45.00	.60 N	52.00
LH0013R	10 N	.230	.60 N	.15 N	.98	.17	3.700	17.000	12.00	.60 N	13.00
LH0015RA	70	.330	3.50	.15 N	.60 N	.06	2.300	1.800	52.00	.60 N	50.00
LH0015RB	150	.061	.60 N	.15 N	.60 N	.03 N	.480	.370	11.00	.60 N	41.00
LH0018R	70	.045 N	73.00	.15 N	.60 N	.03 N	.120	.450	3.70	1.20	38.00
LH0023R	70	1.900	120.00	.15 N	4.70	2.10	590.000	.090 N	71.00	3.90	420.00
LH0024R	100	.045 N	4.10	.15 N	.60 N	.09	2.500	3.200	3.60	.60 N	27.00
LH0025R	100	.045 N	2.00	.15 N	.60 N	.10	27.000	11.000	6.80	.60 N	37.00
LH0026R	100	.240	5.20	.15 N	.60 N	.17	22.000	.390	8.40	6.60	75.00
LH0029RB	100	.190	560.00	.15 N	.60 N	.10	36.000	.730	4.80	3.10	32.00
LH0031R	150	.250	36.00	.15 N	1.60	.34	100.000	.450	9.10	2.00	96.00
LH0034R	70	.630	230.00	.15 N	2.30	.51	320.000	.100 N	3.20	1.50	74.00
LH0037R	100	.045 N	5.70	.15 N	.60 N	.05 N	16.000	.510	3.60	.94 N	50.00
LH0038R	70	.045 N	.60 N	.15 N	.60 N	.05	.540	.460	2.70	.60 N	50.00
LH0044R	150	.100	.60 N	.15 N	.60 N	.16	5.200	.580	5.60	.60 N	74.00
LH0047R	30	20.000	1.10	.15 N	.60 N	.46	630.000	.090 N	4.60	.63	29.00
LH0049R	200	.150	100.00	.15 N	.60 N	.05	4.400	.770	15.00	.60 N	31.00
LH0053R	150	4.300	24.00	.15 N	15.00	.03 N	110.000	2.200	.94	.60 N	3.50
LH0054R	10 N	23.000	3000.00 G	2.90	23.00	62.00	130.000	1.900	1600.00	950.00	500.00 G
LH0055R	200	2.300	3.60 N	.90 N	31.00	.62	1200.000 G	.540 N	3.60 N	3.60 N	63.00
LH0056RA	300	.460	140.00	.15 N	.60 N	.07	5.100	1.700	19.00	5.80	43.00
LH0056RB	200	.960	930.00	.15 N	.60 N	.13	5.000	.200	8.30	38.00	47.00
LH0056RC	150	90.000	5.00	1.10 N	4.20 N	.69	1200.000 G	.630 N	230.00	10.00	140.00
LH0056RD	200	.076	27.00	.15 N	.60 N	.13	9.900	.730	8.00	.72	45.00
LH0060R	70	23.000	4.10	.15 N	39.00	4.20	15.000	4.700	6900.00	.60 N	500.00 G
LH0063R	200	2.000	3.60 N	.90 N	3.60 N	.18	1200.000 G	.540 N	3.60 N	3.60 N	48.00
LH0065RA	70	.045 N	.60 N	.15 N	.60 N	.04	14.000	.280	1.00	.60 N	11.00
LH0065RB	100	.045 N	.60 N	.15 N	.60 N	.03 N	5.300	.220	1.40	.60 N	56.00
LH0068RA	70	.210	.60 N	.15 N	.60 N	.09	96.000	2.000	3.70	.60 N	15.00
LH0068RB	150	.055	.60 N	.15 N	.60 N	.04	9.200	7.400	4.80	.60 N	28.00
LH0068RC	150	.370	2.00	.15 N	2.40	.03 N	24.000	3.600	2.30	.60 N	1.70
LH0072RA	70	.045 N	.60 N	.15 N	.60 N	.03 N	12.000	1.800	3.00	.60 N	7.60
LH0072RB	50	.900	14.00	.15 N	1.60	.11	460.000	2.400	5.50	1.40	110.00
LH0086R	70	.700	9.50	.15 N	.61	.15	100.000	2.400	100.00	93.00	27.00
LH0087R	150	.120	.60 N	.15 N	.60 N	.36	2.900	1.100	22.00	1.10	76.00
LH0088RA	300	.054	.79	.15 N	.60 N	.16	.700	2.300	24.00	.60 N	87.00
LH0088RB	300	.046	.60 N	.15 N	.60 N	.78	3.700	4.400	26.00	.60 N	95.00
LH0089R	700	.058 N	2.50	.15 N	.60 N	.07	8.600	1.900	8.00	.60 N	23.00
LH0090R	300	.045 N	1.90	.15 N	.60 N	.11	1.400	.550	11.00	.60 N	39.00
LH0093R	200	.100	6.00	.15 N	.60 N	.07	4.100	.870	16.00	.60 N	46.00
LH0097R	100	.046	13.00	.15 N	.60 N	.06	1.600	.480	11.00	.60 N	39.00
LH0099R	300	.096	.60 N	.15 N	.60 N	.05	1.400	.490	34.00	.98	56.00
LH0101R	10 N	.045 N	2.20	.15 N	.60 N	.18	9.000	.480	7.40	.86	17.00
LH0102RA	15	.045 N	11.00	.15 N	.60 N	.03 N	25.000	.630	.60 N	.60 N	6.30

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Zr-S	Ag-ICP	As-ICP	Au-ICP	Bi-ICP	Cd-ICP	Cu-ICP	Mo-ICP	Pb-ICP	Sb-ICP	Zn-ICP
LH0102RB	70	.270	86.00	.15 N	.60 N	.27	38.000	.630	11.00	12.00	58.00
LH0102RC	20	.190	30.00	.15 N	.60 N	.04	6.900	.820	2.40	6.00	9.80
LH0102RD	200	3.600	310.00	.15 N	14.00	.19	320.000	.190	55.00	.64	66.00
LH0102RE	70	13.000	11.00	.15 N	170.00	.14	16.000	.440	55.00	1.80	13.00
LH0104RA	70	1.400	3000.00 G	1.90	7.20	.25	140.000	.780	11.00	15.00	70.00
LH0104RB	50	.045 N	96.00	.15 N	.60 N	.03 N	15.000	.370	3.40	.80	20.00
LH0108RA	50	2.900	58.00	.15 N	.60 N	.31	760.000	.090 N	1.60	4.40	23.00
LH0111RA	30	.045 N	63.00	.15 N	.60 N	.09	18.000	.140	2.10	.60 N	25.00
LH0111RB	15	.076	52.00	.15 N	.60 N	.05	15.000	.270	5.40	43.00	25.00
LH0111RC	15	.045 N	39.00	.15 N	.60 N	.03 N	170.000	.650	3.30	6.90	13.00
LH0112RA	150	.075	240.00	.15 N	.60 N	.09	42.000	2.200	5.20	2.50	65.00
LH0112RB	200	.082	28.00	.15 N	.60 N	.06	23.000	.240	7.20	4.30	56.00
LH0112RC	30	.095	380.00	.15 N	.60 N	.07	88.000	.440	6.60	1.80	27.00
LH0113RA	50	.045 N	.60 N	.15 N	.60 N	.18	7.800	.240	3.40	.85	38.00
LH0114RA	20	180.000	1300.00	1.40	.60 N	.49	93.000	.220	34.00	180.00	3.80
LH0115RA	10 N	2.300	5.20	.15 N	1.70	92.00	210.000	1.500	160.00	3.00	500.00 G
LH0131RA	50	1.200	12.00	.15 N	.90	6.50	57.000	1.500	130.00	1.40	500.00 G
LH0131RB	150	.180	3.80	.15 N	.60 N	.14	19.000	.680	5.30	.60 N	52.00
LH0133R	30	.270	.60 N	.15 N	.60 N	.43	35.000	.660	17.00	2.60	60.00
LH0137RA	50	.045 N	18.00	.15 N	.60 N	.03 N	.840	2.700	1.40	.60 N	70.00
LH0137RB	70	.330	210.00	.15 N	.60 N	.11	74.000	.470	7.20	1.40	21.00
LH0137RC	200	.068	14.00	.15 N	.60 N	.15	73.000	.370	1.20	.60 N	52.00
LH0141R	70	.250	4.00	.15 N	.61	.65	.990	13.000	61.00	.60 N	430.00
LH0143R	100	.075	20.00	.15 N	1.30	.90	43.000	3.100	1.50	.60 N	66.00
LH0147R	300	.210	.60 N	.15 N	.60 N	.58	4.800	1.600	18.00	.60 N	98.00
LH0148RA	50	23.000	.60 N	.17	.60 N	73.00	1200.000 G	.090 N	.60 N	26.00	500.00 G
LH0148RB	1000	.240	22.00	.15 N	.60 N	.21	31.000	3.100	18.00	.70	33.00
LH0148RC	100	.120	1.30	.15 N	.60 N	.32	19.000	1.200	6.50	50.00	50.00
LH0148RD	150	3.600	150.00	.15 N	13.00	.21	7.700	37.000	420.00	53.00	25.00
LH0148RG	150	.045 N	5.20	.15 N	.60 N	.03	11.000	3.200	4.80	.60 N	11.00
LH0149RA	1000 G	.064 N	1.20	.15 N	1.20	.09	9.700	.990	17.00	8.50	130.00
LH0149RB	700	.045 N	.60 N	.15 N	.60 N	.25	13.000	1.600	14.00	1.50	85.00
LH0150RA	200	.045 N	.60 N	.15 N	.60 N	.29	4.300	.740	12.00	1.50	93.00
LH0150RB	1000	.045 N	.60 N	.15 N	.60 N	.35	3.300	.940	26.00	1.10	120.00
LH0151RB	500	.045 N	.60 N	.15 N	.60 N	.08	1.800	.590	9.20	.60 N	52.00
LH0151RC	300	.045 N	.60 N	.15 N	.60 N	.08	2.100	.350	8.10	1.50	45.00
LH0151RD	1000 G	.045 N	.60 N	.15 N	.60 N	.04 N	.600	.680	6.50	.60 N	64.00
LH0151RE	200	.045 N	.60 N	.15 N	.60 N	.17	.320	.540	8.30	.95 N	46.00
LH0154R	30	.470	.60 N	.15 N	.66	6.70	54.000	.720	79.00	2.50	460.00
LH0156R	200	.650	14.00	.15 N	.60 N	.75	5.400	.590	110.00	11.00	170.00
LH0158R	300	.045 N	4.90	.15 N	.60 N	.23	2.000	.400	12.00	.60 N	35.00
LH0207R	10	.045 N	.60 N	.15 N	.60 N	.76	1.600	.120	.66	.60 N	12.00
LH0225R	150	.420	2.30	.15 N	.79 N	.13	6.600	2.000	25.00	.60 N	61.00
LH0228R	70	.170	2.10	.15 N	.60 N	.09	430.000	.400	1.10	.93 N	27.00
LH0240RA	70	2.500	57.00	.15 N	.77	2.10	30.000	.680	390.00	2.10	500.00 G
LH0240RB	100	7.100	.60 N	.15 N	1.10	8.70	260.000	.090 N	3600.00	2.90	500.00 G
LH0240RC	100	4.600	100.00	.15 N	.60 N	1.90	42.000	.260	320.00	5.60	300.00
LH0240RD	100	.500	9.80	.15 N	.78	1.20	4.100	1.800	53.00	.61	120.00
LH0240RE	100	1.100	5.00	.15 N	.60 N	4.60	13.000	.820	440.00	1.80	500.00 G
LH0241RA	150	.058	23.00	.15 N	.60 N	1.20	15.000	.880	9.40	.88	130.00
LH0242R	10 N	.045 N	1.10	.15 N	.60 N	.13	1.200	.350	1.30	.60 N	11.00

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Zr-S	Ag-ICP	As-ICP	Au-ICP	Bi-ICP	Cd-ICP	Cu-ICP	Mo-ICP	Pb-ICP	Sb-ICP	Zn-ICP
LH0243R	10 N	1.300	550.00	.15 N	.60 N	.15	350.000	.180	.68	1.20	10.00
LH0244R	10 N	7.100	.60 N	.15 N	7.60	7.20	620.000	.090 N	1400.00	5.40	350.00
LH0246R	200	.220	3.80	.15 N	.60 N	.24	8.000	1.400	10.00	1.60	82.00
LH0257R	30	1.900	8.40	.15 N	13.00	2.80	300.000	.240	11.00	5.00	150.00
LH0260R	70	.280	.60 N	.15 N	.60 N	.24	150.000	.660	11.00	.60 N	43.00
LH0273R	300	.270	4.10	.15 N	.60 N	6.00	37.000	.680	130.00	.98	470.00
LH0277RA	100	3.900	.60 N	.15 N	15.00	.20	34.000	5.200	12.00	.60 N	68.00
LH0277RB	150	.650	.60 N	.15 N	6.30	.32	54.000	6.300	17.00	.60 N	120.00
LH0277RC	150	.280	.60 N	.15 N	.75	.14	24.000	4.600	5.50	.60 N	49.00
LH0277RD	150	.140	.92	.15 N	.60 N	.25	9.400	1.500	20.00	.60 N	57.00
LH0278RA	150	.400	.60 N	.15 N	1.40	.03 N	1.700	.910	2.30	.60 N	3.30
LH0282RA	200	.660	.60 N	.15 N	.60 N	.05	140.000	1.600	1.70	.60 N	21.00
LH0282RB	150	.300	.72	.15 N	.60 N	.24	180.000	.360	2.60	.60 N	50.00
LH0289R	50	.045 N	.60 N	.15 N	.60 N	.04	.800	4.200	6.70	.60 N	17.00
LH0294R	100	.110	9.10	.15 N	.60 N	.03 N	120.000	.960	4.70	.60 N	26.00
LH0295RA	300	.053	9.10	.15 N	.60 N	.97	3.000	2.300	3.60	1.70	200.00
LH0295RB	150	.045 N	11.00	.15 N	.60 N	.05	4.000	.210	4.90	1.40	58.00
LH0296RA	15	6.400	190.00	.15 N	39.00	24.00	69.000	22.000	210.00	9.00	500.00 G
LH0296RB	10 N	2.600	690.00	.15 N	57.00	2.50	10.000	22.000	38.00	4.10	220.00
LH0306R	50	.055	13.00	.15 N	.60 N	.59	9.300	.370	2.80	1.60	27.00
LH0307R	50	.069	2.00	.15 N	.60 N	.11	3.000	.920	7.90	.60 N	110.00
LH0308R	70	1.100	92.00	.15 N	.60 N	.68	5.600	.130	41.00	1.00	110.00
LH0310R	150	.053	.60 N	.15 N	.60 N	.37	12.000	.500	3.60	.60 N	130.00
LH0311RA	50	.540	37.00	.15 N	.60 N	2.10	13.000	.990	29.00	8.00	130.00
LH0311RB	200	.120	3.30	.15 N	.60 N	.23	10.000	.810	15.00	.60 N	97.00
LH0311RC	70	.054	4.30	.15 N	.60 N	.23	7.400	.500	8.60	.60 N	47.00
LH0316RA	100	.620	2.20	.15 N	1.60	.03 N	1.500	.770	63.00	.69	11.00
LH0316RB	100	.430	15.00	.15 N	.60 N	.10	3.700	.370	70.00	.60 N	58.00
LH0316RC	100	.045 N	11.00	.15 N	.60 N	.06	14.000	.590	3.40	.60 N	14.00
LH0317R	100	.270	.89 N	.15 N	.60 N	.19	220.000	.250	9.70	1.80	71.00
LH0320RA	200	.110	1.60	.15 N	.60 N	.03 N	.660	.450	7.70	.60 N	14.00
LH0320RB	100	.510	7.40	.15 N	.60 N	.34	17.000	.470	67.00	.97 N	200.00
LH0321R	150	.970	.60 N	.15 N	.94 N	.09	7.600	3.300	37.00	.60 N	25.00
LH0322R	70	.056	.60 N	.15 N	.60 N	.13	18.000	2.900	87.00	.60 N	120.00
LH0323RA	100	.045 N	.60 N	.15 N	.60 N	.06	9.400	.710	4.10	.60 N	81.00
LH0323RB	200	.680	23.00	.21	2.30	120.00	820.000	1.900	4.20	3.10	500.00 G
LH0327RA	70	2.200	190.00	.15 N	5.30	1.80	200.000	17.000	140.00	5.80	500.00 G
LH0327RB	150	1.100	11.00	.15 N	.70 N	.32	13.000	4.800	43.00	5.30	48.00
LH0328R	150	.230	1.20	.15 N	.60 N	.39	14.000	1.200	8.60	.60 N	24.00
LH0330R	70	32.000	510.00	1.10 N	4.20 N	3.50	1200.000 G	.630 N	200.00	4.30	430.00
LH0331RA	10	.045 N	3.40	.15 N	.60 N	.06	.600	.180	3.50	.62	14.00
LH0331RB	70	.340	72.00	.15 N	.60 N	.21	1.400	.930	19.00	.66	38.00
LH0331RC	70	.085	.74	.15 N	.60 N	.29	3.800	.550	15.00	.60 N	33.00
LH0334RA	200	.130	11.00	.15 N	.60 N	.13	97.000	3.300	9.90	.96	24.00
LH0335R	150	.045 N	150.00	.15 N	.60 N	.13	21.000	.280	5.90	.60 N	29.00
LH0337R	70	.045 N	66.00	.15 N	.60 N	.05	6.600	.430	2.10	.60 N	30.00
LH0339R	150	.045 N	9.00	.15 N	.60 N	.03 N	4.500	1100.000	12.00	.60 N	31.00
LH0340RA	200	.260	2.20	.15 N	.60 N	.03 N	100.000	3.000	2.70	.60 N	34.00
LH0340RB	200	.045 N	1.20	.15 N	.60 N	.06	3.000	.690	2.30	.60 N	48.00
LH0344R	150	.400	17.00	.15 N	.60 N	.75	57.000	1.300	15.00	1.80	190.00
LH0346RA	20	.330	3000.00 G	.46	.60 N	.03 N	1.300	.300	2.30	41.00	3.90

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Zr-S	Ag-ICP	As-ICP	Au-ICP	Bi-ICP	Cd-ICP	Cu-ICP	Mo-ICP	Pb-ICP	Sb-ICP	Zn-ICP
LH0346RB	15	5.600	570.00	.65	.60 N	.03 N	2.400	.290	14.00	86.00	.77
LH0353RA	200	.110	20.00	.15 N	.60 N	.06	3.400	2.100	18.00	.60 N	13.00
LH0353RB	300	.180	25.00	.15 N	.60 N	.03 N	4.600	.500	15.00	.60 N	23.00
LH0358RA	200	.045 N	.60 N	.15 N	.60 N	.85	1.700	.610	13.00	.60 N	100.00
LH0359RA	150	1.400	3.90	.15 N	3.30	.75	140.000	.830	.87	.60 N	13.00
LH0359RB	70	.750	11.00	.15 N	3.60	.05	14.000	.730	3.00	.60 N	4.30
LH0359RC	100	.380	.95	.15 N	1.50	.12	7.500	1.400	8.40	.60 N	18.00
LH0364R	70	.045 N	2.60	.15 N	.60 N	.03 N	37.000	12.000	3.50	.60 N	25.00
LH0365R	15	.045 N	.60 N	.15 N	.60 N	.12	9.200	.420	4.60	.60 N	29.00
LH0375R	70	.045 N	7.60	.15 N	.60 N	.05	38.000	.130	1.70	.60 N	85.00
LH0377R	10	.690	160.00	.15 N	.60 N	.08	1.900	4.000	5.00	5.10	25.00
LH0378R	150	.180	2.70	.15 N	.60 N	.24	36.000	.480	4.60	2.40	85.00
LH0379R	50	.570	8.00	.15 N	.60 N	5.80	150.000	1.500	9.00	1.60	470.00
LH0390R	100	.045 N	3.20	.15 N	.60 N	.13	4.400	2.500	6.40	.60 N	23.00
LH0391R	200	.045 N	2.60	.15 N	.60 N	.03 N	39.000	300.000	4.70	.60 N	7.60
LH0392R	100	82.000	480.00	.15 N	5.70	17.00	110.000	.470	12000.00 G	160.00	500.00 G
LH0398R	50	.150	76.00	.15 N	.60 N	.07	27.000	4.300	7.20	11.00	19.00
LH0410R	150	.130	3.30	.15 N	.60 N	.09	46.000	.910	3.90	.60 N	51.00
LH0412RA	100	.470	4.00	.15 N	.60 N	.33	57.000	.260	3.00	.60 N	33.00
LH0412RB	50	.960	2200.00	.51	1.50	.48	30.000	.690	36.00	4.60	58.00
LH0419R	70	.140	82.00	.15 N	.60 N	1.10	11.000	1.500	8.40	2.30	130.00
LH0421R	150	.098	440.00	.15 N	.60 N	.30	74.000	.720	5.00	2.90	71.00
LH0423R	10	.050	5.60	.15 N	.60 N	.20	2.800	2.800	9.00	.60 N	7.10
LH0432R	200	.180	9.00	.15 N	.60 N	.21	12.000	.810	16.00	.60 N	52.00
LH0440RA	300	.048	6.30	.15 N	.60 N	.03 N	1.300	.600	14.00	.60 N	5.50
LH0440RB	300	.045 N	11.00	.15 N	.60 N	.04	2.200	1.600	15.00	.60 N	45.00
LH0467R	10	.045 N	1.30	.15 N	.60 N	.23	7.700	.130	7.80	2.80	71.00
LH0500R	100	.120	20.00	.15 N	.81	.05	100.000	.170	6.90	3.10	29.00
LH0501R	200	.200	170.00	.15 N	2.30	.44	3.500	.130	22.00	.60 N	84.00
LH0502RA	300	.170	240.00	.15 N	.60 N	.99	4.400	1.400	25.00	.72	74.00
LH0502RB	200	.170	25.00	.15 N	.60 N	.37	13.000	1.100	11.00	.60 N	39.00
LH0503R	300	.290	16.00	.15 N	.60 N	.13	91.000	2.100	30.00	.73	51.00
LH0504RA	150	1.200	55.00	.21	.60 N	.03 N	1.600	.230	36.00	1.70	5.40
LH0504RB	300	.310	11.00	.15 N	.60 N	.03 N	.700	.290	4.30	2.30	3.20
LH0504RC	150	.750	26.00	.15 N	.60 N	.03 N	.960	.460	35.00	1.50	3.10
LH0504RD	150	.140	10.00	.15 N	.60 N	.18	10.000	.830	7.80	3.10	39.00
LH0504RE	150	.045 N	.60 N	.15 N	.60 N	.05	.750	.180	1.80	.60 N	22.00
LH0505R	100	.180	.60 N	.15 N	.60 N	.15	5.200	1.200	21.00	.60 N	48.00
LH0506R	150	.220	2.90	.15 N	.60 N	.38	5.100	1.200	31.00	.60 N	85.00
LH0508R	100	1.800	12.00	.15 N	2.80	.76	530.000	1.000	8.30	2.10	160.00
LH0511R	70	.120	26.00	.15 N	.60 N	.07	38.000	3.900	1.70	.60 N	11.00
LH0514R	300	.190	39.00	.15 N	.60 N	.04	85.000	.270	9.50	1.90	59.00
LH0617RB	150	.045 N	16.00	.15 N	.60 N	.03 N	2.000	.560	.60 N	.64	.89
LH0625R	100	.110	3000.00 G	.15 N	.80 N	.09	4.100	1.000	13.00	29.00	3.70
LH0625RB	200	.520	99.00	.15 N	.60 N	.03 N	12.000	.750	10.00	6.60	10.00
LH0627R	300	1.500	23.00	.15 N	2.00	.10	5.300	10.000	34.00	1.20	32.00
LH0627RC	300	.670	33.00	.15 N	.60 N	.03 N	4.000	6.700	76.00	1.10	15.00
LH0627RD	200	2.400	1.00	.15 N	.60 N	.03 N	4.100	1.200	37.00	.60 N	37.00
LH0627RE	300	2.500	630.00	.15 N	.60 N	11.00	20.000	100.000	17.00	14.00	72.00
LH0627RF	150	1.000	83.00	.15 N	.60 N	.12	4.600	2.500	55.00	.77 N	52.00
LH0629R	70	.360	32.00	.15 N	.83	10.00	67.000	1.500	5.70	.60 N	500.00 G

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Zr-S	Ag-ICP	As-ICP	Au-ICP	Bi-ICP	Cd-ICP	Cu-ICP	Mo-ICP	Pb-ICP	Sb-ICP	Zn-ICP
LH0631RA	30	.110	.60 N	.15 N	1.30	.03	2.300	.098	3.20	.60 N	2.60
LH0639R	100	.140	35.00	.15 N	.60 N	1.10	44.000	.340	8.70	.98	95.00
LH0639RB	10	.110	1700.00	.15 N	.60 N	.05	5.700	.330	1.80	9.50	13.00
LH0639RC	200	.063	14.00	.15 N	.60 N	.14	5.600	.450	13.00	.82	94.00
LH0639RD	150	.150	16.00	.15 N	.60 N	.24	39.000	.890	3.90	.74	81.00
LH0639RE	70	.070	300.00	.15 N	.60 N	.03	54.000	.360	.60 N	8.90	7.90
LH0640R	10 N	.045 N	52.00	.15 N	.60 N	.06	32.000	.260	.60 N	.60 N	12.00
LH0641RB	100	.400	56.00	.15 N	.60 N	.08	600.000	.160	.60 N	.79 N	16.00
LH0642R	10	.140	99.00	.15 N	.60 N	.04 N	17.000	2.800	2.10	15.00	17.00
LH0643RA	70	.072	1.80	.15 N	.60 N	.14	25.000	.330	6.20	.60 N	71.00
LH0643RB	150	.150	7.10	.15 N	.60 N	.34	52.000	.880	5.90	1.90	93.00
LH0644R	200	.045 N	550.00	.15 N	.60 N	.19	6.600	.340	9.20	2.20	13.00
LH0647R	200	.051	4.20	.15 N	.60 N	.17	10.000	.340	8.60	.60 N	53.00
LH0648R	30	93.000	270.00	.15 N	.60 N	.03 N	1.200	.780	19.00	25.00	1.60
LH0649R	100	.045 N	5.80	.15 N	.60 N	.03 N	1.300	1.900	11.00	.82 N	8.60
LH0703R	100	.350	.60 N	.15 N	.60 N	.23	20.000	.240	4.70	1.70	75.00
LH0800RA	100	.390	1500.00	.25 N	16.00	.05 N	29.000	52.000	23.00	2.10	33.00
LH0802RA	300	4.500	1500.00	.25 N	7.90	16.00	510.000	.910	28.00	5.50	800.00 G
LH0802RB	300	1.300	28.00	.25 N	1.60	1.10	250.000	.500	8.30	1.00 N	310.00
LH0802RC	100	.190	60.00	.25 N	2.20	.13	35.000	.670	8.30	1.00 N	31.00
LH0803RA	500	.075 N	1.00 N	.25 N	1.00 N	.05 N	.910	.640	6.90	1.00 N	34.00
LH0803RB	150	.075 N	4.00	.25 N	1.00 N	.07	5.000	.230	6.90	1.00 N	95.00
LH0803RC	100	.075 N	1.00 N	.25 N	1.00 N	.05 N	.097	.330	3.90	1.00 N	13.00
LH0803RD	100	.550	100.00	.25 N	2.70	.28	380.000	1.500	8.30	1.00 N	56.00
LH0804R	70	.075 N	6.30	.25 N	1.00 N	.12	16.000	.150 N	6.50	2.10	62.00
LH0805RA	20	.075 N	1.40	.25 N	1.00 N	.05 N	13.000	.150 N	1.00 N	1.10	12.00
LH0805RB	70	.075 N	27.00	.25 N	1.00 N	.11	73.000	.180	7.30	2.50	19.00
LH0805RC	15	.140	1.00 N	.25 N	1.00 N	.34	30.000	.300	13.00	11.00	91.00
LH0805RD	150	.075 N	1.00 N	.25 N	1.00 N	.30	27.000	.170	13.00	2.10	140.00
LH0805RE	30	.120	19.00	.25 N	1.80	.17	28.000	.400	6.40	6.70	59.00
LH0805RF	70	.360	420.00	.25 N	4.60	.07	180.000	.250	12.00	8.60	44.00
LH0806RA	70	2.600	84.00	.25 N	5.20	.11	850.000	.150 N	1.10	2.60	14.00
LH0807RA	70	.230	44.00	.25 N	1.00 N	.10	33.000	.370	4.20	8.90	32.00
LH0807RB	30	4.300	66.00	.25 N	48.00	.33	330.000	.250	13.00	12.00	98.00
LH0809RA	50	130.000	5000.00 G	2.50	560.00	3.20	2000.000 G	.150 N	2100.00	1300.00	800.00 G
LH0810RA	70	2.500	1600.00	.26	54.00	.32	520.000	.410	7.90	77.00	57.00
LH0811RA	10 N	8.600	1.00 N	1.10	6.60	1.10	7.300	.150 N	14000.00	960.00	93.00
LH0811RB	100	4.800	13.00	.25 N	52.00	.12	130.000	.330	47.00	29.00	15.00
LH0812RA	200	7.000	65.00	.25 N	280.00	.26	150.000	.150 N	310.00	110.00	6.60
LH0813RA	70	3.200	1500.00	.25 N	11.00	.13	240.000	.440	9.30	17.00	18.00
LH0814RA	150	41.000	63.00	1.30	51.00	2.60	2000.000 G	.150 N	1.00 N	13.00	96.00
LH0816RA	30	1.400	250.00	.50	3.60	.36	610.000	.150 N	1.00 N	1.90	24.00
LH0817RA	70	1.400	90.00	1.80	4.10	.69	440.000	1.000	1.30	8.40	66.00
LH0817RB	10	.075 N	110.00	.25 N	1.00 N	.05 N	3.100	.150 N	2.30	1.70	19.00
LH0817RC	70	.670	5000.00 G	.25 N	1.00 N	.05 N	.220	1.200	8.20	3.90	7.90
LH0817RD	150	.760	980.00	.40	1.00 N	.18	54.000	.440	4.00	44.00	75.00
LH0818RA	70	2.300	1800.00	5.90	15.00	210.00	870.000	1.500	1.00 N	10.00	800.00 G
LH0819RA	10 N	.150	140.00	.58	1.00 N	.14	28.000	.160	1.00 N	6.50	43.00
LH0819RB	100	3.100	5000.00 G	26.00	2.40	.66	71.000	2.100	34.00	35.00	68.00
LH0821RB	100	.075 N	120.00	.25 N	1.00 N	.10	14.000	.390	5.30	1.00 N	46.00
LH0822RA	200	.120	17.00	.25 N	1.00 N	.15	41.000	.370	10.00	1.70	62.00

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Zr-S	Ag-ICP	As-ICP	Au-ICP	Bi-ICP	Cd-ICP	Cu-ICP	Mo-ICP	Pd-ICP	Sb-ICP	Zn-ICP
LH0823RA	100	1.100	920.00	.25 N	4.60	.29	660.000	.150 N	8.20	8.80	53.00
LH0823RB	50	110.000	910.00	6.10	11.00	1.10	2000.000 G	.150 N	1.00 N	9.60	150.00
LH0824RA	20	1.800	1.00 N	.25 N	1.00 N	.05 N	5.300	.280	2.20	7.70	4.00
LH0824RB	10 N	170.000	1500.00	7.80	140.00	19.00	270.000	.150	1600.00	670.00	800.00 G
LH0826RA	150	.200	16.00	.25 N	1.20	.05 N	70.000	.740	9.30	5.30	120.00
LH0826RC	50	1.500	1.00 N	.25 N	4.30	2.10	150.000	.690	40.00	7.40	160.00
LH0829RA	200	.075 N	58.00	.25 N	1.00 N	.05 N	1.300	.160	6.20	1.00 N	29.00
LH0848RA	70	.130	630.00	.25 N	1.00 N	.05 N	.230	.380	19.00	39.00	7.20
LH0853RA	150	.300	84.00	.25 N	1.00 N	.17	11.000	.810	7.40	18.00	68.00
LH0857RA	150	.075 N	16.00	.25 N	1.00 N	.12	26.000	.620	17.00	1.00 N	120.00
LH0864RA	200	.075 N	3.00	.25 N	1.00 N	.05 N	.930	15.000	3.20	13.00	12.00
LH0866RD	100	.110	12.00	.25 N	1.00 N	.05 N	170.000	.150 N	8.60	8.00	12.00
LH0867RA	50	.075 N	1.00 N	.25 N	1.00 N	.05 N	20.000	.240	1.00 N	3.80	53.00
LH0883RA	150	.075 N	17.00	.25 N	1.00 N	.13	60.000	.240	7.90	4.00	87.00
LH0883RB	30	.160	4.50	.25 N	1.00 N	.12	78.000	.320	1.20	3.60	110.00
LH0886RA	200	.250	1.00	.25 N	1.00 N	.12	98.000	.150 N	3.10	3.00	140.00
LH0888RA	70	.490	26.00	.25 N	1.00 N	.40	210.000	.400	8.30	3.60	130.00
LH0900RA	300	.470	440.00	.25 N	1.00 N	.06	8.800	7.300	37.00	1.00 N	5.70
LH0900RB	100	.074	2.60	.25 N	1.00 N	.05 N	18.000	81.000	4.80	1.00 N	29.00
LH0901RA	700	.075 N	3.90	.25 N	1.00 N	.18	11.000	.730	3.60	1.60	31.00
LH0901RB	100	.170	1.00 N	.25 N	1.00 N	.24	69.000	.420	16.00	1.10	41.00
LH0902RA	10 N	.120	64.00	.25 N	1.00 N	.18	30.000	.310	19.00	1.00 N	24.00
LH0902RB	300	.330	58.00	.25 N	1.00 N	.53	10.000	.460	14.00	2.10	150.00
LH0903RB	150	.100	34.00	.25 N	1.00 N	.14	16.000	.380	5.30	1.00 N	87.00
LH0903RD	150	1.400	41.00	.25 N	1.00 N	4.20	120.000	1.400	5.20	3.20	350.00
LH0904RB	150	.550	1.00 N	.25 N	1.00 N	1.20	.960	3.500	93.00	1.00 N	220.00
LH0905RA	50	.075 N	1.00 N	.25 N	1.00 N	.08	100.000	.150 N	1.00 N	1.00 N	50.00
LH0905RB	50	.260	500.00	.25 N	1.00 N	.05 N	.790	.150 N	24.00	9.80	2.30
LH0905RC	10 N	.110	1.00 N	.25 N	1.00 N	.31	81.000	.200	42.00	1.00 N	290.00
LH0906RA	150	.480	26.00	.25 N	1.00 N	.33	69.000	.580	13.00	3.70	110.00
LH0909RA	50	.310	1.00 N	.25 N	1.00 N	30.00	8.100	.430	15.00	1.00 N	800.00 G
LH0909RB	100	5.000	56.00	.25 N	6.00	97.00	660.000	1.200	88.00	2.70	800.00 G
LH0910RA	70	.500	1600.00	.25 N	15.00	.53	53.000	.340	4.70	1.00 N	47.00
LH0911RA	500	.320	150.00	.25 N	5.90	.09	79.000	.180	4.40	1.00 N	65.00
LH0912RA	200	.840	35.00	.25 N	4.70	.20	140.000	.510	2.30	1.00 N	51.00
LH0914RA	70	.075 N	63.00	.25 N	1.00 N	.14	7.700	.530	5.00	1.00 N	53.00
LH0914RB	150	.075 N	1.00 N	.25 N	1.00 N	.05 N	.050 N	.150 N	1.00 N	1.00 N	.05 N
LH0916RA	70	.200	18.00	.25 N	1.00 N	2.20	7.100	.660	12.00	1.00 N	180.00
LH0919RA	200	.069	8.90	.25 N	1.00 N	.17	3.900	.860	14.00	1.00 N	58.00
LH0920RA	200	.054	1.00 N	.25 N	1.00 N	.12	8.900	.180	15.00	1.00 N	110.00
LH0920RB	100	.075 N	1.00 N	.25 N	1.00 N	.27	18.000	1.100	1.00	1.00 N	110.00
LH0922RA	300	6.900	11.00	.25 N	8.80	.21	460.000	.440	54.00	4.00	120.00
LH0930RA	70	.120	10.00	.25 N	10.00	.10	34.000	.830	1.00 N	1.00 N	94.00
LH0935RA	150	.075 N	11.00	.25 N	1.00 N	.08	.570	.270	5.40	1.00 N	44.00
LH0936RA	10	.075 N	2.00	.25 N	1.00 N	.20	.720	.230	5.70	1.00 N	25.00
LH0937RA	15	.075 N	1.00 N	.25 N	1.00 N	.07	13.000	.280	3.60	1.00 N	12.00
LH0945RA	100	.075 N	1.00 N	.25 N	1.00 N	.05 N	.500	230.000	4.50	1.00 N	26.00
LH0945RB	300	.075 N	1.00 N	.25 N	1.00 N	.05 N	.780	.630	1.40	4.10	.95
LH0946RA	150	.110	1.50	.25 N	1.00 N	.13	130.000	1.300	4.90	2.20	26.00
LH0948RA	30	.075 N	8.30	.25 N	1.00 N	.16	7.000	1.700	1.80	1.50	30.00
LH0949R	70	.075 N	1.00	.25 N	1.00 N	.05 N	6.100	.150 N	15.00	1.00 N	22.00

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Zr-S	Ag-ICP	As-ICP	Au-ICP	Bi-ICP	Cd-ICP	Cu-ICP	Mo-ICP	Pb-ICP	Sb-ICP	Zn-ICP
LH0953RA	200	.270	1.70	.25 N	1.00 N	.05 N	110.000	.720	4.70	1.60	19.00
LH0955RA	150	.110	1.00 N	.25 N	1.00 N	.05 N	110.000	1.000	1.70	1.60	13.00
LH0957RA	50	.075 N	1.00 N	.25 N	1.00	.05 N	4.300	4.600	3.80	1.00 N	58.00
LH0970RA	70	.075 N	3.90	.25 N	1.00 N	.08	19.000	.460	4.90	1.60	14.00
LH0971RA	100	.075 N	6.70	.25 N	1.00 N	.05 N	11.000	1.100	1.70	1.00 N	11.00
LH0976RA	20	.094	1.30	.25 N	1.00 N	.06	50.000	.310	1.30	1.00 N	8.20
LH0977RA	10 N	8.600	20.00	2.00 N	8.00 N	3.30 N	2000.000 G	1.200 N	8.00 N	8.00 N	79.00
LH0982RA	70	.075 N	3.80	.25 N	1.00 N	.05 N	51.000	12.000	1.70	1.20	15.00
LH1004RA	150	.270	15.00	.25 N	1.00 N	.42	80.000	.290	1.60	10.00	94.00
LH1006RA	300	.075 N	22.00	.25 N	1.00 N	.05 N	15.000	.610	2.80	1.00 N	68.00
LH1008RA	150	.200	28.00	.25 N	1.00 N	.26	55.000	.790	13.00	1.00 N	100.00
LH1008RB	70	.075 N	13.00	.25 N	1.00 N	.05 N	.750	.150 N	5.30	1.00 N	32.00
LH1013RA	15	2.800	1.00 N	.25 N	5.40	.11	3.300	.880	170.00	3.00	64.00
LH1014RA	10 N	.230	6.20	.25 N	1.00 N	.33	85.000	.210	3.00	1.00 N	33.00
LH1016RA	100	1.300	10.00	.25 N	1.00 N	.13	110.000	1.800	14.00	1.40	180.00
LH1016RB	70	.075 N	5.00	.25 N	1.00 N	.05	17.000	.380	5.20	1.00 N	86.00
LH1017RA	50	.250	1.60	.25 N	1.00 N	.20	22.000	.310	9.80	1.00 N	13.00
LH1017RB	100	.330	5.70	.25 N	1.00 N	.27	64.000	.260	2.80	1.00 N	57.00
LH1017RC	50	.075 N	1.00 N	.25 N	1.00 N	.05 N	17.000	.230	1.00 N	1.00 N	36.00
LH1018RA	200	.075 N	1.00 N	.25 N	1.00 N	.26	15.000	1.200	9.30	1.00 N	180.00
LH1018RB	300	.075 N	1.00 N	.25 N	1.00 N	.21	9.500	.830	4.50	1.00 N	100.00
LH1019RA	10	15.000	1900.00	5.60	480.00	370.00	370.000	3.100	1.00 N	12.00	800.00 G
LH1021RA	200	.270	43.00	.25 N	1.20	.63	89.000	.240	14.00	1.40	170.00
LH1023RA	70	.075 N	13.00	.25 N	1.00 N	.05 N	.960	5.000	11.00	1.00 N	12.00
LH1026RA	100	.075 N	1.00 N	.25 N	1.00 N	.05 N	.510	.220	16.00	1.00 N	33.00
LH1027RA	30	1.400	69.00	.25 N	7.80	.48	59.000	.940	1.10	1.00 N	22.00
LH1027RB	15	8.100	5000.00 G	2.30	170.00	11.00	66.000	1.300	6.40	31.00	380.00
LH1028RA	150	.810	120.00	.25 N	1.00 N	4.90	89.000	2.100	5.70	1.00 N	380.00
LH1033RA	100	.075 N	1.00 N	.25 N	1.00 N	.05 N	5.400	.240	1.90	1.00 N	100.00
LH1034RA	300	.450	25.00	.25 N	1.00 N	.05 N	150.000	.490	1.00 N	1.00 N	91.00
LH1036RA	300	.075 N	23.00	.25 N	1.00 N	.20	8.000	.430	4.30	1.00 N	23.00
LH1038RA	10 N	.075 N	1.00 N	.25 N	1.00 N	.05 N	.700	.150 N	1.00 N	1.00 N	9.90
LH1041RA	10 L	.075 N	12.00	.25 N	1.00 N	.09	4.100	1.200	6.30	1.30	13.00
LH1053RA	150	.180	1.00 N	.25 N	1.00 N	.06	77.000	1.700	3.30	1.00 N	1.90
LH1062RA	700	.130	1.20	.25 N	1.00 N	.17	14.000	2.200	6.60	1.00 N	12.00
LH1070RA	100	.075 N	1.00 N	.25 N	1.00 N	.05 N	.750	29.000	2.00	1.00 N	7.20
LH1070RB	70	.075 N	1.00 N	.25 N	1.00 N	.05 N	13.000	5.600	3.30	1.00 N	4.00
LH1070RC	70	.150	6.50	.25 N	1.00 N	.05 N	21.000	33.000	6.60	1.00 N	10.00
LH1070RD	70	.075 N	1.60	.25 N	1.00 N	.05 N	22.000	32.000	3.60	1.00 N	9.70
LH1071RA	70	130.000	1100.00	.25 N	3.70	.05 N	25.000	230.000	130.00	15.00	12.00
LH1072RA	70	.100	6.50	.25 N	1.00 N	.05 N	.550	1.100	2.20	1.00 N	13.00
LH1072RB	70	.075 N	2.00	.25 N	1.00 N	.05 N	14.000	4.900	2.70	1.00 N	3.90
LH1073RA	1000	.400	2.20	.25 N	5.90	1.30	18.000	6.100	31.00	2.00	180.00
LH1073RB	70	.210	7.30	.25 N	1.00 N	.37	46.000	.510	14.00	1.20	190.00
LH1073RC	30	.420	1.20	.25 N	1.00	66.00	64.000	6.400	200.00	2.10	800.00 G
LH1074RA	70	2.900	16.00	.25 N	1.00 N	.70	780.000	.150 N	1.90	3.20	120.00
LH1074RB	20	6.500	1.00 N	2.00 N	8.00 N	3.00	2000.000 G	1.800	76.00	8.00 N	210.00
LH1075RA	150	.190	7.10	.25 N	1.00 N	.31	55.000	.340	2.50	1.00 N	160.00
LH1100R	300	.290	190.00	.25 N	5.40	.16	42.000	1.200	2.00	1.00 N	53.00
LH1103R	300	.058	6.90	.25 N	1.00 N	.11	8.600	1.400	6.10	1.00 N	100.00
LH1105R	700	.560	4.80	.25 N	1.00 N	.12	250.000	1.700	2.50	1.00 N	85.00

Table 3. Geologic and geochemical data for rock samples from the Lime Hills quadrangle, Alaska -- Continued.

Sample	Zr-S	Ag-ICP	As-ICP	Au-ICP	Bi-ICP	Cd-ICP	Cu-ICP	Mo-ICP	Pb-ICP	Sb-ICP	Zn-ICP
LH1106RA	150	.400	14.00	.25 N	1.00 N	.54	260.000	.150 N	3.80	1.00 N	140.00
LH1106RB	10	.490	1.00 N	.25 N	1.00 N	.42	180.000	.150 N	19.00	1.90	67.00
LH1107R	70	.110	3.90	.25 N	1.00 N	.59	71.000	.310	19.00	1.90	140.00
LH1108RA	150	.075 N	1.00 N	.25 N	1.00 N	.05 N	3.900	.150 N	6.30	1.00 N	13.00
LH1108RB	200	.300	37.00	.25 N	1.00 N	.08	64.000	.610	8.30	1.50	44.00
LH1109R	70	.200	4.10	.25 N	1.00 N	1.40	30.000	7.100	22.00	1.90	110.00
LH1110R	100	.065	3.60	.25 N	1.00 N	.15	45.000	.520	11.00	1.10	110.00
LH1112RA	150	1.400	30.00	.25 N	1.00 N	2.50	120.000	.730	5.30	3.90	290.00
LH1112RB	700	.052	3.40	.25 N	1.00 N	.52	23.000	.350	2.10	1.00 N	130.00
LH1114RA	300	.240	1.40	.25 N	1.00 N	.69	58.000	.360	1.00 N	1.00 N	120.00
LH1114RB	700	.380	1000.00	.25 N	1.00 N	.20	130.000	2.300	2.00	1.00 N	300.00
LH1115RA	10 N	.075 N	5.70	.25 N	1.00 N	.22	6.400	.150 N	1.00 N	1.00 N	15.00
LH1115RB	100	.510	68.00	.25 N	1.00 N	.54	48.000	.170	4.50	2.60	130.00
LH1116R	700	.075 N	1.00 N	.25 N	1.00 N	.05 N	13.000	.910	1.00 N	1.00 N	53.00
LH1117RA	10 N	.075 N	13.00	.25 N	1.00 N	.05 N	5.300	.170	1.00 N	1.00 N	2.10
LH1117RB	70	.150	6.60	.25 N	1.00 N	.05 N	66.000	.150	3.00	1.00 N	86.00
LH1117RC	150	.075 N	38.00	.25 N	1.00 N	.22	68.000	.150 N	2.70	1.00 N	120.00
LH1118R	150	.140	1.00 N	.25 N	1.00 N	1.40	34.000	.300	1.40	1.00 N	160.00
LH1120R	10 N	150.000	1300.00	.25 N	140.00	180.00	2000.000 G	.150 N	12000.00	5.60	800.00 G
LH1123R	300	.630	6.20	.25 N	1.10	.39	110.000	.400	24.00	1.00 N	34.00
LH1124R	50	.390	350.00	.25 N	12.00	1.90	75.000	.150 N	12.00	1.00 N	78.00
LH1128R	70	.063	30.00	.25 N	1.00 N	.11	7.100	.290	7.60	1.00 N	66.00
LH1134R	200	.066	3.50	.25 N	1.00 N	.21	7.500	.930	15.00	1.00 N	60.00
LH1139R	70	.069	57.00	.25 N	1.00 N	1.80	38.000	.230	6.90	1.00 N	91.00
LH1140R	300	.075 N	1.00 N	.25 N	1.00 N	.05 N	7.600	.280	4.40	1.00 N	8.60
LH1154R	150	.110	1.00 N	.25 N	1.00 N	.15	61.000	.250	9.70	1.00 N	99.00
LH1155R	300	.320	480.00	.25 N	1.40	.14	140.000	2.200	3.70	1.00 N	150.00
LH1167R	700	.050	2.70	.25 N	1.00 N	.05 N	21.000	.460	4.80	1.00 N	22.00
LH1169R	100	.075 N	2.20	.25 N	1.80	.05 N	3.200	.780	2.10	1.00 N	3.80
LH1176RA	30	.075 N	14.00	.25 N	1.00 N	.07	5.200	.170	13.00	1.00 N	51.00
LH1187RA	70	.470	7.60	.25 N	1.00 N	.97	64.000	.560	11.00	1.30	83.00
LH1191RA	150	.075 N	34.00	.25 N	1.00 N	.07	23.000	.430	1.10	1.00 N	73.00
LH1198RA	100	.330	20.00	.25 N	1.00 N	1.60	33.000	2.900	5.30	3.80	110.00
LH1201RA	70	.260	13.00	.25 N	1.00 N	1.30	18.000	3.600	6.80	2.00	100.00
LH1217RA	200	.100	1.90	.25 N	1.00 N	.08	19.000	2.000	1.10	1.00 N	64.00
LH1228RA	10 N	.075 N	1.50	.25 N	1.00 N	.05 N	1.100	.640	3.50	1.00 N	7.80
LH1229RA	50	.270	2.90	.25 N	1.00 N	.13	260.000	3.200	16.00	1.40	38.00
LH1230RA	50	.180	570.00	.25 N	1.00 N	.05 N	120.000	.150 N	1.00 N	1.20	7.30
LH1237RA	100	.290	2.40	.25 N	1.00 N	.79	66.000	.340	4.20	1.00 N	170.00
LH1251RA	70	.280	16.00	.25 N	1.00 N	.65	23.000	14.000	18.00	4.70	66.00
LH1300RA	100	.075 N	27.00	.25 N	1.00 N	.27	37.000	.300	8.20	1.00 N	70.00
LH1302RA	100	.210	1.00 N	.25 N	1.00 N	.28	340.000	.490	4.00	1.00 N	95.00
LH1308RA	200	.056	1.00 N	.25 N	1.00 N	.12	4.300	.320	6.10	1.00 N	76.00
LH1309RA	10	.075 N	1.00 N	.25 N	1.00 N	.20	88.000	.150 N	2.30	1.00 N	32.00
LH1310RA	70	.310	280.00	.25 N	1.00 N	.19	120.000	1.600	4.20	1.00 N	120.00
LH1318RA	100	.310	5000.00 G	1.10	1.00 N	14.00	50.000	.440	2.80	7.80	800.00 G
LH1322RA	70	.200	36.00	.25 N	1.00 N	11.00	63.000	2.300	1.20	1.10	800.00 G
LH1329RA	700	.075 N	1.00 N	.25 N	1.00 N	.72	3.400	1.600	27.00	1.00 N	280.00