UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Analytical results and sample locality maps of stream-sediment, heavy-mineral-concentrate, and rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska

By

B. F. Arbogast[1], E. A. Bailey[2], and J. G. Frisken[1]

Open-File Report 87-502

[1]Branch of Geochemistry, DFC, Box 25046, MS 973, Denver, CO 80225
[2]Branch of Alaskan Geology, 4200 University Drive, Anchorage, AK 99508-4667

1987

CONTENTS

ILLUSTRATIONS

TABLES

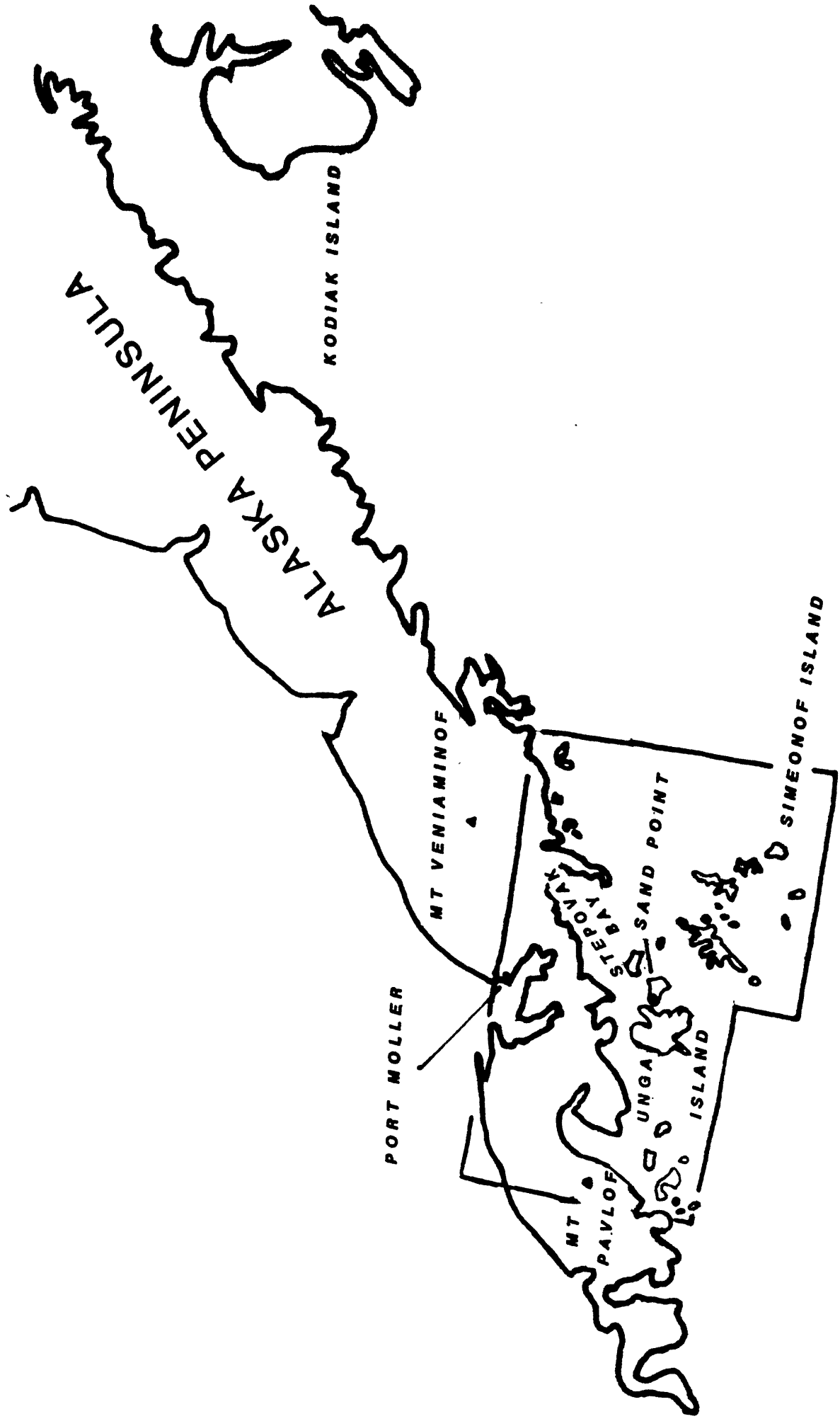

Figure 1. Index map of the Port Moller study area, Alaska.

The oldest rocks in the study area are sandstone and siltstone of the late Jurassic Naknek formation, overlain by siltstone and shale of the early Cretaceous Staniukovich formation and the calcarenite of the early Cretaceous Herendeen formation (Burk, 1965; Detterman and Wilson, written commun., 1987). Overlying these units are late Cretaceous rocks, which include the Hoodoo, Chignik, and Shumagin formations. The Shumagin formation only crops out in the outer Shumagin Islands, yet stratigraphic and lithologic evidence suggest it is part of the same depositional system as the other late Cretaceous units on the mainland (Wilson, written commun., 1987; Mancini and others, 1978).

The large granodiorite batholith in the Shumagin Islands and Paleocene non-volcanic sandstone in the Tolstoi formation are the earliest Tertiary rocks known in the area. The upper portion of the Tolstoi formation (of middle Eocene age) is rich in volcanic debris and is the earliest evidence for the Meshik arc (Wilson, 1985). Late Eocene and Oligocene volcanic sandstone and siltstone of the Stepovak formation and volcanic rocks of the Meshik formation and equivalent units constitute the main portion of the Meshik arc. Meshik arc volcanism essentially ceased in earliest Miocene time with the deposition of the Unga Conglomerate formation which includes, in part, lahars associated with volcanic centers on Unga Island. The Miocene Bear Lake formation was deposited during a time of volcanic quiescence. Late Miocene volcanic and intrusive rocks indicate the initiation of Aleutian arc magmatic activity. Volcanic sandstone of the Pliocene Milky River formation is the youngest recognized bedrock geologic unit in the area.

Pavlof Volcano is the most consistently active volcano in Alaska and has erupted four times since this study began. Mt. Dana has erupted in Holocene time and has generated a number of ash flows. The unnamed volcanos in the northeastern part of the study area have also had Holocene activity (see Yount and others, 1985).

Hydrothermal alteration is commonly associated with igneous rocks of both the Meshik and Aleutian magmatic arcs and anomalous concentrations of base and precious metals are associated with vein and porphyry-type copper-molybdenum systems. During the decades around the turn of the 20th century, a great deal of prospecting for gold was done. The Apollo gold mine was established on Unga Island as a major producer, and placer gold was produced at Sand Point on Popof Island. Since the 1950's, gold and copper prospecting has located small copper porphyry systems at Pyramid Mountain (Armstrong and others, 1976) and east of Humpback Bay (Kawisgag prospect). Development work has been done since 1982 at the old Apollo mine to begin new production there and at the newly delineated Shumagin prospect on Unga Island. Teton Exploration Company spent a number of seasons in the early 1980's prospecting on Unga Island and located a number of small prospective anomalies. In addition, Resource Associates of Alaska, Inc. did similar prospecting on the mainland at the same time and also located a number of prospective anomalies.

METHODS OF STUDY

Sample Media

Analyses of the stream-sediment samples represent the chemistry of the rock material eroded from the drainage basin upstream from each sample site. Such information is useful in identifying those basins which contain concentrations of elements that may be related to mineral deposits. The heavy-mineral-concentrate fraction of stream-sediment samples provides

information about the chemistry of certain minerals in rock material eroded from the drainage basin upstream from each sample site. The selective concentration of minerals, many of which may be ore related, permits determination of some elements that are not easily detected in stream-sediment samples.

Analyses of unaltered or unmineralized rock samples provide background geochemical data for individual rock units. On the other hand, analyses of altered or mineralized rocks, where present, may provide useful geochemical information about the major- and trace-element assemblages associated with a mineralizing system.

Sample Collection

Sediment samples were collected at 787 sites (plate 1). At 768 of those sites, both a stream-sediment sample and a heavy-mineral-concentrate sample were collected. During the 1984 field season, a second panned-concentrate sample was collected at 161 sites. The total bulk of each of the latter samples was analyzed for gold. Samples of mineralized or altered rock were collected from outcrops, from stream gravels, or as float from 458 sites (plate 2 and table 6). Average sampling density was about one sample site per 5 mi^2 for the stream sediments and heavy-mineral concentrates, and about one sample site per 8 mi^2 for the rocks. The area of most of the drainage basins sampled ranged from 0.5 mi^2 to 3 mi^2.

On plate 1, sample sites designated by a + are represented by both a stream-sediment and a heavy-mineral-concentrate sample. A + enclosed in a diamond symbol designates sites with stream-sediment samples only and a + enclosed in a triangle designates sites with only concentrate samples analyzed. An asterisk replaces the + symbol if a total concentrate was analyzed for gold. In addition, a prepared concentrate sample was analyzed spectrographically for most of these sites.

All sample sites were first plotted on 1:63,360 scale maps. A 1:250,000 scale, computer-derived overlay was used to transfer the locations to the 1:250,000 scale topographic composite map. Due to inaccuracies in the 1:250,000 topographic map, some sample sites appear to be slightly misplotted but the latitudes and longitudes presented in the tables correctly correspond to the 1:63,360 scale maps used in the field.

Stream-sediment samples

The stream-sediment samples consisted of active alluvium collected primarily from first-order (unbranched) and second-order (below the junction of two first-order) streams as shown on USGS topographic maps (scale = 1:63,360). Each sample was composited from several localities within an area that may extend as much as 100 ft from the site plotted on the map.

Heavy-mineral-concentrate samples

Heavy-mineral-concentrate samples were collected from the same active alluvium as the stream-sediment samples. Each bulk sample was screened with a 2.0-mm (10-mesh) screen to remove the coarse material. The less than 2.0-mm fraction was panned until most of the quartz, feldspar, organic material, and clay-sized material were removed.

Sample Preparation

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

The panned concentrates were oven dried and sieved through a 30-mesh (0.12-mm) sieve. The minus-30-mesh fraction was further separated using bromoform to remove the remaining light minerals of a specific gravity less than 2.85. The resultant heavy-mineral sample was separated into three fractions using a modified Frantz Isodynamic Separator. The most magnetic material, primarily magnetite, was not analyzed. The second fraction, largely ferromagnesian silicates and iron oxides, was saved for analysis/archival storage. The third fraction (the least magnetic material which may include nonmagnetic ore-related minerals, zircon, sphene, etc.) was split using a Jones splitter. One split was hand ground for spectrographic analysis; the other split was saved for mineralogical analysis. These magnetic separates are the same separates that would be produced by using an unmodified Frantz Isodynamic Separator set at a forward slope of 5° and a side tilt of 10° with a current of 0.2 ampere to remove the magnetite and ilmenite, and a current of 0.7 ampere to split the remainder of the sample into paramagnetic and nonmagnetic fractions.

The 161 panned-concentrate samples collected for gold analysis were panned down to obtain the least bulk without loosing black sand. The samples were dried and 59 samples comprised primarily of black sand were passed several times through a vertical chute attached to a vertical Frantz separator set at full amperage. This was done to remove magnetite to further reduce bulk.

Rock samples were crushed and then pulverized to minus 0.15 mm with ceramic plates.

Sample Analysis

Spectrographic method

The minus-80-mesh stream-sediment, nonmagnetic heavy-mineral-concentrate, and rock samples were analyzed for 31 elements using a semiquantitative, direct-current arc emission spectrographic method (Grimes and Marranzino, 1968). The elements analyzed and their lower limits of determination are listed in table 1. Spectrographic results were obtained by visual comparison of spectra derived from the sample against spectra obtained from standards made from pure oxides and carbonates. Standard concentrations are geometrically spaced over any given order of magnitude of concentration as follows: 100, 50, 20, 10, and so forth. Samples whose concentrations are estimated to fall between those values are assigned values of 70, 30, 15, and so forth. The precision of the analytical method is approximately plus or minus one reporting interval at the 83 percent confidence level and plus or minus two reporting intervals at the 96 percent confidence level (Motooka and Grimes, 1976). Values determined for the major elements (iron, magnesium, calcium, and titanium) are given in weight percent; all others are given in parts per million (micrograms/gram). Analytical data for samples from the Port Moller study area are listed in tables 3-5. All of the nonmagnetic heavy-mineral concentrates were examined under a binocular microscope to determine their mineralogy, but some samples were too small to analyze. Other samples, those with sample numbers ending with the letter I (table 4), were analyzed spectrographically using nonstandard sample weights. The data

obtained may still provide useful information but the values must be considered inaccurate.

Chemical methods

Other methods of analysis used on selected samples from the Port Moller study area are summarized in table 2. Analytical results for stream-sediment, heavy-mineral-concentrate, and rock samples are listed in tables 3, 4, and 5, respectively.

ROCK ANALYSIS STORAGE SYSTEM

Upon completion of all analytical work, the analytical results were entered into a computer-based file called Rock Analysis Storage System (RASS). This data base contains both descriptive geological information and analytical data. Any or all of this information may be retrieved and converted to a binary form (STATPAC) for computerized statistical analysis or publication (VanTrump and Miesch, 1977).

DESCRIPTION OF DATA TABLES

Tables 3-5 list the results of analyses for the samples of stream sediment, heavy-mineral concentrate, and rock, respectively. For the three tables, the data are arranged so that column 1 contains the USGS-assigned sample numbers. These numbers correspond to the abbreviated numbers shown on the site location maps (plates 1 and 2). Columns in which the element headings show the letter "s" below the element symbol are emission spectrographic analyses, "aa" indicates atomic absorption analyses, "inst" indicates an instrumental technique, and the letter "f" indicates fluorometric analyses, "pct" indicates percent, "ppm" indicates parts per million, and "µgpp" indicates micrograms (of gold) per pan. A letter "N" in the tables indicates that a given element was looked for but not detected at the lower limit of determination shown for that element in table 1. If an element was observed but was below the lowest reporting value, a "less than" symbol (<) was entered in the tables in front of the lower limit of determination. If an element was observed but was above the highest reporting value, a "greater than" symbol (>) was entered in the tables in front of the upper limit of determination. If an element was not looked for in a sample, two dashes (--) are entered in tables 3-5 in place of an analytical value. Because of the formatting used in the computer program that produced tables 3-5, some of the elements listed in these tables (Fe, Mg, Ca, Ti, Ag, and Be) carry one or more nonsignificant digits to the right of the significant digits. The analysts did not determine these elements to the accuracy suggested by the extra zeros.

ACKNOWLEDGMENTS

A number of our colleagues including Scott Werschky, Dean McCollaum, Dean Yannacito, and Dave Kelley participated in sample collection.

REFERENCES CITED

Angeloni, L. M., Wilson, F. H., and Sutley, S. J., 1985, Map and tables showing preliminary rock geochemical data, Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska: U.S. Geological Survey Open-File Report 85-470, 179 p.

Armstrong, R. L., Harakal, J. E., and Hollister, V. F., 1976, Age determination of late Cenozoic porphyry copper deposits of the North American Cordillera: Institute of Mining and Metallurgial Transactions, Secion B, v. 85, p. 239-244.

Burk, C. A., 1965, Geology of the Alaska Peninsula--Island arc and continental margin: Geological Society of America Memoir 99, 250 p., scales 1:250,000 and 1:500,000, 3 sheets.

Centanni, F. A., Ross, A. M., and DeSesa, M. A., 1956, Fluorometric determination of uranium: Analytical Chemistry, v. 28, p. 1651.

Chao, T. T., Sanzolone, R. F., and Hubert, A. E., 1978, Flame and flameless atomic-absorption determination of tellurium in geological materials: Analytica Chimica Acta, v. 96, p. 251-257.

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

Kennedy, G. C., and Waldron, H. H., 1955, Geology of the Pavlof Volcano and vicinity, Alaska: U.S. Geological Survey Bulletin 1028-A, 19 p., scale 1:100,000.

Mancini, E. A., Deeter, T. M., and Wingate, F. H., 1978, Upper Cretaceous arc-trench gap sedimentation on the Alaska Peninsula: Geology, no. 6, no. 7, p. 437-439.

McNerney, J. J., Buseck, P. R., and Hanson, R. C., 1972, Mercury detection by means of thin gold films: Science, v. 178, p. 611-612.

Meier, A. L., 1980, Flameless atomic-absorption determination of gold in geologic materials: Journal of Geochemical Exploration, v. 13, p. 77-85.

Motooka, J. M., and Grimes, D. J., 1976, Analytical precision of one-sixth order semiquantitative spectrographic analyses: U.S. Geological Survey Circular 738, 25 p.

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

Thompson, C. E., Nakagawa, H. M., and Van Sickle, G. H., 1968, Rapid analysis for gold in geologic materials, in Geological Survey research 1968: U.S. Geological Survey Professional Paper 600-B, p. B130-B132.

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

Vaughn, W. W., and McCarthy, J. H., Jr., 1964, An instrumental technique for the determination of submicrogram concentrations of mercury in soils, rocks, and gas, in Geological Survey research 1964: U.S. Geological Survey Professional Paper 501-D, p. D123-D127.

Wahraftig, Clyde, 1965, Physiographic divisions of Alaska: U.S. Geological Survey Professional Paper 482, 52 p.

Wilson, F. H., 1985, The Meshik arc--an Eocene to earliest Miocene magmatic arc on the Alaska Peninsula: Alaska Division of Geological and Geophysical Surveys Professional Report No. 88, 14 p.

Yount, M. E., Wilson, F. H., and Miller, J. W., 1985, Newly discovered Holocene volcanic vents, Port Moller and Stepovak Bay quadrangles, Alaska Peninsula, in Bartsch-Winkler, Susan, and Reed, K. M., eds., The United States Geological Survey in Alaska; Accomplishments in 1983: U.S. Geological Survey Circular 945, p. 60-62.

TABLE 1.--Limits of determination for the spectrographic analysis of rocks and stream sediments, based on a 10-mg sample

[The spectrographic limits of determination for heavy-mineral-concentrate samples are based on a 5-mg sample, and are therefore two reporting intervals higher than the limits given for rocks and stream sediments]

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

TABLE 2.--Chemical methods used

[AA = atomic absorption; F = fluorometry; I = instrument; HGA = graphite furnace AA]

Element or constituent determined	Sample type	Method	Determination limit (micrograms/ gram or ppm)	Analyst	Reference
Gold (Au)	Total panned concentrates	AA	0.05 (converted to micrograms/pan)	D. L. Kelley	Modification of Thompson and others, 1968.
Gold (Au)	Rocks and one sediment	HGA	0.002	R. M. O'Leary	Meier, 1980.
Tellurium (Te)	Rocks	AA	0.10	R. M. O'Leary	Chao and others, 1978
Mercury (Hg)	Rocks	I	0.02	D. L. Kelley	Modification of McNerney and others, 1972, and Vaughn and McCarthy, 1964.
Arsenic (As)	Rocks	AA	10	D. L. Kelley	O'Leary and Viets, 1986.
Zinc (Zn)	Rocks	AA	5	D. L. Kelley	
Uranium (U)	Sediments and rocks	F	0.05	T. A. Roemer	Modification of Centanni and others, 1956.

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska

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

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMF001S	55 17 43	160 29 0	10.0	2.0	3.00	1.00	1,500	N	N	N	<10	300
PMF003S	55 18 58	160 25 29	10.0	3.0	3.00	.70	1,000	N	N	N	<10	500
PMF004S	55 17 23	160 23 56	10.0	3.0	3.00	1.00	1,500	N	N	N	<10	300
PMF005S	55 15 41	160 20 6	10.0	3.0	3.00	.70	1,500	N	N	N	<10	200
PMF006S	55 17 11	160 19 35	10.0	2.0	2.00	1.00	1,500	N	N	N	<10	200
PMF007S	55 37 57	161 16 7	5.0	2.0	2.00	.70	1,000	N	N	N	20	500
PMF008S	55 37 18	161 15 35	5.0	1.5	.70	.50	1,000	N	N	N	20	1,000
PMF009S	55 37 12	161 15 39	10.0	2.0	3.00	.70	1,500	N	N	N	70	500
PMF010S	55 35 11	161 16 52	5.0	2.0	2.00	.50	1,000	N	N	N	<10	700
PMF011S	55 34 42	161 15 23	15.0	3.0	3.00	1.00	1,500	N	N	N	<10	300
PMF012S	55 36 27	161 12 4	7.0	2.0	5.00	.70	1,500	N	N	N	20	500
PMF013S	55 34 12	161 10 19	10.0	2.0	.50	.70	700	N	N	N	10	500
PMF014S	55 34 24	161 10 28	7.0	2.0	.70	.70	700	N	N	N	20	500
PMF015S	55 35 43	161 9 5	10.0	3.0	1.50	.70	1,000	N	N	N	20	700
PMF016S	55 34 37	161 5 57	10.0	2.0	1.50	.70	1,000	N	N	N	20	500
PMF017S	55 34 35	161 5 50	10.0	3.0	2.00	1.00	1,000	N	N	N	10	700
PMF018S	55 35 59	161 3 25	7.0	2.0	1.50	.70	1,000	N	N	N	10	500
PMF019S	55 35 38	160 59 53	7.0	2.0	2.00	.70	1,000	N	N	N	10	500
PMF020S	55 35 33	160 59 42	7.0	2.0	.50	.70	1,000	N	N	N	10	500
PMF021S	55 27 29	160 59 1	10.0	2.0	1.00	1.00	1,000	N	N	N	10	500
PMF022S	55 29 7	161 4 0	7.0	2.0	1.50	.50	1,000	N	N	N	10	500
PMF023S	55 26 3	161 10 0	10.0	2.0	1.50	1.00	1,000	N	N	N	<10	300
PMF025S	55 33 19	160 57 50	5.0	1.5	1.00	.70	1,000	N	N	N	<10	500
PMF026S	55 32 24	161 3 0	3.0	1.0	.20	.50	700	N	N	N	10	300
PMF027S	55 30 52	161 13 7	3.0	1.0	.50	.50	1,000	N	N	N	20	200
PMF028S	55 31 50	161 17 23	3.0	1.0	.30	.50	700	N	N	N	20	300
PMF029S	55 36 28	160 53 50	3.0	1.0	.20	.50	1,000	N	N	N	50	300
PMF030S	55 37 58	160 54 25	5.0	1.5	.20	.50	700	N	N	N	100	700
PMF031S	55 34 15	160 48 29	3.0	1.0	.10	.50	500	N	N	N	50	500
PMF032S	55 34 28	160 48 49	3.0	1.0	.15	.50	1,000	N	N	N	50	300
PMF033S	55 40 51	160 47 3	3.0	1.0	.15	.50	700	N	N	N	100	300
PMF034S	55 42 57	160 46 0	3.0	1.0	.10	.50	500	N	N	N	20	300
PMF035S	55 41 12	160 51 49	5.0	1.0	.10	.50	500	N	N	N	50	500
PMF036S	55 34 48	160 42 45	5.0	1.5	.30	.50	1,000	N	N	N	30	500
PMF037S	55 37 55	160 42 27	10.0	1.0	.20	.50	500	<.5	N	N	20	300
PMF038S	55 39 42	160 39 57	5.0	1.0	.10	.50	1,000	N	N	N	70	500
PMF039S	55 34 14	160 37 30	7.0	1.5	1.00	.70	1,000	N	N	N	<10	200
PMF040S	55 21 9	160 22 56	7.0	3.0	1.00	.70	1,000	N	N	N	<10	300
PMF041S	55 37 8	160 33 42	7.0	1.5	.70	.70	1,000	N	N	N	<10	100
PMF042S	55 35 10	160 35 20	7.0	1.5	.50	.50	700	N	N	N	10	200
PMF043S	55 33 35	160 34 48	5.0	1.5	.70	.50	1,000	N	N	N	20	300
PMF044S	55 36 19	160 28 0	5.0	1.5	.50	.50	1,000	N	N	N	20	300
PMF045S	55 34 40	160 26 20	7.0	1.5	.70	.70	1,000	N	N	N	70	300
PMF046S	55 39 8	160 27 28	5.0	1.0	.20	.50	500	N	N	N	20	500
PMF047S	55 39 2	160 27 49	5.0	1.5	.70	.50	1,000	N	N	N	<10	300
PMF048S	55 40 52	160 27 5	5.0	1.0	.20	.50	700	N	N	N	50	500
PMF049S	55 42 30	160 26 10	5.0	1.0	.30	.50	1,000	N	N	N	50	500
PMF050S	55 40 47	160 21 40	3.0	.7	.10	.50	500	N	N	N	50	700
PMF051S	55 36 22	160 23 20	5.0	1.0	.20	.50	700	N	N	N	50	300
PMF052S	55 32 30	160 30 30	7.0	1.0	.50	.70	1,000	N	N	N	20	500
PMF053S	55 32 24	160 29 20	5.0	1.0	.50	.50	700	N	N	N	30	500
PMF054S	55 48 39	160 0 5	5.0	.7	.10	.50	700	N	N	N	100	500
PMF055S	55 46 25	160 3 3	5.0	1.5	.70	.50	1,000	N	N	N	10	300
PMF056S	55 50 11	160 9 25	5.0	1.5	.70	.70	1,000	N	N	N	10	1,000
PMF057S	55 50 0	160 11 47	5.0	1.0	.70	.50	1,000	N	N	N	<10	500
PMF058S	55 47 30	160 12 30	7.0	1.0	.70	1.00	1,000	N	N	N	<10	500
PMF059S	55 47 20	160 9 28	7.0	1.0	.50	.50	700	N	N	N	<10	300
PMF060S	55 44 20	160 1 40	5.0	1.5	.70	.50	1,000	N	N	N	20	300
PMF061S	55 43 28	160 5 42	7.0	1.5	.70	.70	1,000	N	N	N	20	500
PMF062S	55 40 52	160 13 41	5.0	1.5	.50	.50	1,000	N	N	N	30	500

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm 5	Bi-ppm 5	Cd-ppm 5	Co-ppm 5	Cr-ppm 5	Cu-ppm 5	La-ppm 5	Mo-ppm 5	Nb-ppm 5	Ni-ppm 5	Pb-ppm 5	Sb-ppm 5
PMF001S	N	N	N	20	100	70	N	10	N	20	10	N
PMF003S	N	N	N	20	200	70	N	N	N	30	<10	N
PMF004S	N	N	N	30	300	50	N	N	N	50	10	N
PMF005S	N	N	N	30	300	50	N	N	N	20	<10	N
PMF006S	N	N	N	50	300	50	N	N	N	20	<10	N
PMF007S	N	N	N	10	70	5	N	N	N	7	50	N
PMF008S	N	N	N	10	300	10	N	<5	N	20	<10	N
PMF009S	N	N	N	15	100	10	N	N	N	20	<10	N
PMF010S	N	N	N	10	50	200	N	N	N	10	30	N
PMF011S	N	N	N	30	200	15	N	N	N	10	<10	N
PMF012S	N	N	N	20	100	10	N	N	N	10	20	N
PMF013S	N	N	N	15	150	20	N	N	N	50	20	N
PMF014S	N	N	N	15	100	15	N	N	N	20	<10	N
PMF015S	N	N	N	20	150	50	N	N	N	20	20	N
PMF016S	N	N	N	20	100	50	N	N	N	20	30	N
PMF017S	N	N	N	30	300	100	N	N	N	50	30	N
PMF018S	N	N	N	15	100	30	N	N	N	15	10	N
PMF019S	N	N	N	15	100	50	N	N	N	10	10	N
PMF020S	N	N	N	15	100	50	N	N	N	20	20	N
PMF021S	N	N	N	20	200	20	N	N	N	20	20	N
PMF022S	N	N	N	20	100	70	N	N	N	15	20	N
PMF023S	N	N	N	30	300	50	N	N	N	20	20	N
PMF025S	N	N	N	10	100	50	N	N	N	10	20	N
PMF026S	<1.0	N	N	20	70	30	N	N	N	20	10	N
PMF027S	<1.0	N	N	20	50	30	N	N	N	20	<10	N
PMF028S	N	N	N	30	70	30	N	N	N	20	10	N
PMF029S	1.0	N	N	30	100	70	N	N	N	50	20	N
PMF030S	<1.0	N	N	20	50	30	N	N	N	50	30	N
PMF031S	<1.0	N	N	20	70	50	N	<5	N	20	10	N
PMF032S	<1.0	N	N	20	100	70	N	N	N	30	20	N
PMF033S	<1.0	N	N	20	100	70	N	N	N	30	20	N
PMF034S	<1.0	N	N	20	100	30	N	N	N	20	<10	N
PMF035S	<1.0	N	N	20	150	30	N	<5	N	50	10	N
PMF036S	<1.0	N	N	30	100	70	N	<5	N	20	20	N
PMF037S	<1.0	N	N	10	70	200	N	200	N	10	20	N
PMF038S	<1.0	N	N	50	200	100	N	<5	N	50	20	N
PMF039S	N	N	N	20	100	20	N	<5	N	15	<10	N
PMF040S	N	N	N	50	200	100	N	N	N	20	10	N
PMF041S	N	N	N	30	30	30	N	N	N	10	<10	N
PMF042S	N	N	N	15	30	50	N	<5	N	10	50	N
PMF043S	<1.0	N	N	20	70	30	N	N	N	20	<10	N
PMF044S	<1.0	N	N	20	30	200	N	10	N	7	70	N
PMF045S	<1.0	N	N	30	30	50	N	<5	N	15	30	N
PMF046S	N	N	N	20	100	15	N	N	N	20	<10	N
PMF047S	N	N	N	20	50	10	N	N	N	15	<10	N
PMF048S	<1.0	N	N	20	70	20	N	N	N	20	20	N
PMF049S	<1.0	N	N	20	70	50	N	N	N	15	30	N
PMF050S	<1.0	N	N	20	70	10	N	10	N	20	10	N
PMF051S	N	N	N	20	50	50	N	10	N	15	10	N
PMF052S	N	N	N	20	100	20	N	N	N	15	20	N
PMF053S	N	N	N	20	100	10	N	N	N	15	20	N
PMF054S	N	N	N	20	100	50	N	N	N	15	30	N
PMF055S	N	N	N	20	150	20	N	<5	N	20	10	N
PMF056S	1.0	N	N	20	50	10	<20	N	N	5	50	N
PMF057S	N	N	N	15	20	10	N	N	N	5	10	N
PMF058S	N	N	N	20	30	10	N	<5	N	5	20	N
PMF059S	N	N	N	20	50	20	N	15	N	5	30	N
PMF060S	N	N	N	30	50	70	N	N	N	15	20	N
PMF061S	N	N	N	30	100	50	N	10	N	20	20	N
PMF062S	N	N	N	20	70	50	N	<5	N	15	30	N

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	U-ppm f
PMF001S	20	N	200	500	N	10	<200	100	N	--	--
PMF003S	20	N	300	500	N	10	<200	150	N	--	--
PMF004S	50	N	300	700	N	15	<200	70	N	--	--
PMF005S	50	N	500	700	N	10	<200	50	N	--	--
PMF006S	30	N	300	1,000	N	10	<200	50	N	--	--
PMF007S	10	N	300	200	N	<10	N	200	N	--	--
PMF008S	10	N	200	200	N	15	N	200	N	--	--
PMF009S	10	N	300	500	N	10	N	150	N	--	--
PMF010S	10	20	300	150	N	10	N	100	N	--	--
PMF011S	15	N	300	1,000	N	10	N	100	N	--	--
PMF012S	10	N	300	300	N	<10	N	70	N	--	--
PMF013S	10	N	<100	300	N	10	N	200	N	--	--
PMF014S	10	N	100	300	N	10	N	300	N	--	--
PMF015S	15	N	200	300	N	20	N	200	N	--	--
PMF016S	15	N	200	300	N	15	N	100	N	--	--
PMF017S	20	N	300	500	N	20	<200	200	N	--	--
PMF018S	10	N	300	300	N	10	N	200	N	--	--
PMF019S	20	N	300	300	N	20	N	100	N	--	--
PMF020S	10	N	<100	300	N	10	N	150	N	--	--
PMF021S	15	N	200	500	N	15	N	150	N	--	--
PMF022S	20	N	300	300	N	20	N	100	N	--	--
PMF023S	20	N	200	500	N	15	<200	150	N	--	--
PMF025S	15	N	300	200	N	20	N	150	N	--	--
PMF026S	15	N	100	200	N	20	N	100	N	--	--
PMF027S	15	N	200	200	N	20	N	100	N	--	--
PMF028S	15	N	100	200	N	20	N	100	N	--	--
PMF029S	15	N	100	200	N	30	N	100	N	--	--
PMF030S	20	N	200	200	N	30	N	200	N	--	--
PMF031S	15	N	100	100	N	20	N	100	N	--	--
PMF032S	15	N	100	200	N	20	N	100	N	--	--
PMF033S	15	N	100	200	N	20	N	150	N	--	--
PMF034S	15	N	100	150	N	15	N	100	N	--	--
PMF035S	15	N	100	200	N	15	N	150	N	--	--
PMF036S	10	N	150	200	N	20	N	100	N	--	--
PMF037S	15	N	100	200	N	15	<200	300	N	--	.20
PMF038S	15	N	<100	200	N	50	300	100	N	--	--
PMF039S	10	N	300	300	N	20	N	150	N	--	--
PMF040S	50	N	500	500	N	20	200	100	N	--	--
PMF041S	15	N	200	300	N	20	N	100	N	--	--
PMF042S	15	N	150	200	N	20	N	100	N	--	--
PMF043S	15	N	200	200	N	20	N	100	N	--	--
PMF044S	20	N	300	200	N	20	200	150	N	--	--
PMF045S	15	N	200	300	N	20	<200	100	N	--	--
PMF046S	15	N	<100	150	N	20	N	100	N	--	--
PMF047S	15	N	200	200	N	20	N	150	N	--	--
PMF048S	15	N	200	200	N	30	N	100	N	--	--
PMF049S	15	N	200	200	N	30	N	100	N	--	--
PMF050S	15	N	100	150	N	20	N	100	N	--	--
PMF051S	15	N	100	150	N	15	N	100	N	--	--
PMF052S	20	N	200	300	N	20	<200	100	N	--	--
PMF053S	15	N	200	150	N	20	N	100	N	--	--
PMF054S	15	N	100	100	N	20	N	200	N	--	--
PMF055S	20	N	200	200	N	20	N	100	N	--	--
PMF056S	30	N	500	200	N	70	<200	200	N	--	--
PMF057S	20	N	300	100	N	30	N	100	N	--	--
PMF058S	20	N	300	300	N	50	<200	150	N	--	--
PMF059S	20	N	150	200	N	30	N	150	N	--	--
PMF060S	20	N	300	200	N	20	N	100	N	--	--
PMF061S	20	N	200	200	N	30	N	100	N	--	--
PMF062S	20	N	200	200	N	30	N	200	N	--	--

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMF063S	55 40 20	160 16 37	5.0	1.0	.30	.50	500	N	N	N	20	500
PMF064S	55 38 58	160 16 24	5.0	1.0	.20	.50	500	N	N	N	20	200
PMF065S	55 38 31	160 17 15	5.0	1.5	.20	.50	500	N	N	N	30	500
PMF066S	55 41 59	160 19 27	5.0	1.5	.50	.50	700	N	N	N	20	500
PMF067S	55 16 26	160 34 6	7.0	1.5	.50	.50	1,000	N	N	N	<10	200
PMF068S	55 20 28	160 34 15	10.0	1.5	.70	1.00	1,000	N	N	N	<10	300
PMF069S	55 19 54	160 36 37	7.0	1.0	1.00	.50	1,500	N	N	N	30	700
PMF070S	55 51 24	160 37 34	3.0	.7	.30	.50	700	N	N	N	<10	500
PMF071S	55 51 42	160 29 39	5.0	1.5	1.50	.50	1,000	N	N	N	10	300
PMF072S	55 48 5	160 28 25	7.0	1.0	.70	.70	1,000	N	N	N	<10	300
PMF073S	55 47 0	160 15 21	7.0	.5	.20	.50	200	N	N	N	20	700
PMF074S	55 45 28	160 19 18	5.0	2.0	.50	.70	700	N	N	N	<10	200
PMF075S	55 45 26	160 19 25	5.0	2.0	.50	.70	700	N	N	N	<10	200
PMF076S	55 45 57	160 33 0	3.0	1.0	.20	.70	700	N	N	N	20	500
PMF077S	55 45 2	160 37 30	2.0	1.0	.50	.50	700	N	N	N	100	500
PMF078S	55 44 54	160 36 15	3.0	1.0	.20	.50	700	N	N	N	10	500
PMF079S	55 40 52	160 33 42	5.0	1.5	.30	.70	700	N	N	N	20	500
PMF080S	55 18 4	160 39 42	5.0	1.0	.30	.30	500	N	N	N	<10	200
PMF081S	55 21 10	160 47 59	7.0	1.5	.70	.70	700	N	N	N	<10	200
PMF082S	55 19 30	160 48 38	10.0	1.5	.50	.70	700	N	N	N	<10	100
PMF083S	55 16 9	160 50 50	10.0	1.5	.50	1.00	700	N	N	N	N	100
PMF084S	55 14 35	160 35 25	7.0	1.5	.70	.50	1,000	N	N	N	<10	300
PMF085S	55 13 54	160 34 24	10.0	1.0	.50	.70	700	N	N	N	<10	200
PMF086S	55 12 28	160 29 52	7.0	1.5	.70	.50	700	N	N	N	<10	200
PMF088S	55 11 12	160 30 37	5.0	1.5	.70	.50	700	N	N	N	<10	500
PMF090S	55 11 43	160 33 9	10.0	1.5	.70	1.00	1,000	N	N	N	<10	300
PMF091S	55 11 30	160 32 8	5.0	1.0	.30	.30	500	N	N	N	<10	200
PMF092S	55 16 45	160 39 8	7.0	1.0	.20	.30	500	N	N	N	<10	100
PMF093S	55 14 57	160 42 21	5.0	1.5	.50	.50	700	N	N	N	10	300
PMF094S	55 12 21	160 44 15	10.0	1.5	.50	>1.00	1,000	N	N	N	<10	500
PMF096S	55 9 38	160 47 5	7.0	1.5	.70	1.00	1,000	N	N	N	<10	500
PMF097S	55 11 33	160 49 3	5.0	1.0	.50	.20	700	N	N	N	<10	500
PMF098S	55 11 16	160 48 58	10.0	.5	.50	>1.00	1,000	N	N	N	<10	500
PMF099S	55 12 44	160 48 20	7.0	1.5	1.00	.70	1,000	N	N	N	<10	500
PMF100S	55 12 38	160 41 14	5.0	1.0	.70	.50	1,000	N	N	N	50	300
PMF101S	55 12 15	160 39 2	10.0	1.0	.50	.70	1,000	N	N	N	N	500
PMF102S	55 9 23	160 30 5	7.0	1.0	.70	.70	1,000	N	N	N	<10	500
PMF103S	55 9 57	160 37 39	7.0	1.5	.70	.70	1,000	N	N	N	10	300
PMF104S	55 16 42	160 46 51	7.0	2.0	1.00	1.00	1,000	N	N	N	10	200
PMF105S	55 41 7	161 16 58	7.0	1.0	.50	.50	700	N	N	N	10	300
PMF106S	55 44 16	161 17 16	7.0	1.0	.50	.70	1,000	N	N	N	<10	500
PMF107S	55 42 47	161 7 39	7.0	1.0	.50	.50	1,000	N	N	N	20	500
PMF108S	55 40 30	161 2 35	7.0	1.0	.50	.50	1,000	N	N	N	30	300
PMF109S	55 46 29	161 1 25	5.0	1.0	.70	.50	1,000	N	N	N	10	500
PMF110S	55 49 30	161 4 40	5.0	1.0	.70	.50	700	N	N	N	<10	200
PMF111S	55 46 51	161 7 46	2.0	.5	.20	.50	500	N	N	N	<10	500
PMF112S	55 45 33	160 57 37	5.0	1.0	.50	.50	700	N	N	N	<10	300
PMF113S	55 31 54	160 54 53	5.0	1.0	.70	.50	500	N	N	N	<10	200
PMF114S	55 31 8	160 40 55	7.0	1.0	.70	.50	700	N	N	N	<10	200
PMF115S	55 18 40	160 3 25	5.0	1.0	.70	.30	700	N	N	N	10	300
PMF116S	55 19 36	160 6 5	5.0	1.0	.70	.30	700	N	N	N	10	300
PMF117S	55 19 42	160 6 14	7.0	1.0	.70	.50	700	N	N	N	<10	200
PMF118S	55 23 1	160 8 50	3.0	1.0	.50	.30	500	N	N	N	10	300
PMF119S	55 25 21	160 9 26	5.0	1.0	.50	.50	700	N	N	N	20	500
PMF120S	55 27 9	160 17 48	7.0	2.0	1.00	.50	700	N	N	N	<10	300
PMF121S	55 25 5	160 20 30	5.0	2.0	1.00	.50	700	N	N	N	<10	300
PMF122S	55 32 42	161 8 25	5.0	1.0	.20	.50	700	N	N	N	30	300
PMF123S	55 33 55	161 20 29	5.0	1.5	.50	.50	700	N	N	N	10	300
PMF124S	55 30 40	161 21 9	5.0	1.0	.50	.50	700	N	N	N	<10	500
PMF125S	55 24 49	161 29 3	5.0	2.0	.70	.50	700	N	N	N	<10	200

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMF063S	N	N	N	30	100	20	N	N	N	20	20	N
PMF064S	N	N	N	20	100	50	N	N	N	20	20	N
PMF065S	N	N	N	20	100	30	N	N	N	20	20	N
PMF066S	N	N	N	20	100	50	N	N	N	20	30	N
PMF067S	N	N	N	30	70	50	N	N	N	10	20	N
PMF068S	N	N	N	50	200	30	N	N	N	10	10	N
PMF069S	<1.0	N	N	20	70	15	N	<5	N	5	50	N
PMF070S	N	N	N	15	100	15	N	N	N	15	<10	N
PMF071S	N	N	N	30	100	10	N	N	N	10	100	N
PMF072S	N	N	N	50	150	70	N	N	N	20	10	N
PMF073S	<1.0	15	N	<5	20	5	N	20	N	<5	100	N
PMF074S	N	N	N	30	200	50	N	N	N	20	10	N
PMF075S	N	N	N	30	200	20	N	N	N	50	<10	N
PMF076S	N	N	N	20	70	30	N	N	N	15	20	N
PMF077S	N	N	N	15	50	15	N	<5	N	15	<10	N
PMF078S	N	N	N	15	70	30	N	N	N	20	10	N
PMF079S	N	N	N	20	100	30	N	<5	N	20	20	N
PMF080S	N	N	N	20	50	150	N	<5	N	10	30	N
PMF081S	N	N	N	50	200	10	N	N	N	15	<10	N
PMF082S	N	N	N	50	150	10	N	N	N	20	<10	N
PMF083S	N	N	N	50	150	20	N	N	N	20	<10	N
PMF084S	N	N	N	20	30	50	N	N	N	10	70	N
PMF085S	N	N	N	50	150	30	N	N	N	20	70	N
PMF086S	N	N	N	20	150	20	N	N	N	15	10	N
PMF088S	N	N	N	20	70	10	N	N	N	10	20	N
PMF090S	N	N	N	50	200	30	N	N	N	20	20	N
PMF091S	N	N	N	20	50	10	N	<5	N	10	50	N
PMF092S	N	N	N	15	50	200	N	<5	N	10	50	N
PMF093S	N	N	N	30	100	30	N	<5	N	15	20	N
PMF094S	N	N	N	50	100	5	N	<5	<20	15	20	N
PMF096S	N	N	N	30	100	5	N	N	N	15	20	N
PMF097S	N	N	N	15	10	5	N	N	N	10	20	N
PMF098S	N	N	N	50	70	<5	N	N	<20	10	50	N
PMF099S	N	N	N	20	70	5	N	N	N	15	<10	N
PMF100S	N	N	N	20	50	10	N	N	N	10	10	N
PMF101S	N	N	N	20	150	10	N	N	N	20	30	N
PMF102S	N	N	N	20	150	5	N	N	N	15	20	N
PMF103S	N	N	N	50	100	100	N	N	N	15	20	N
PMF104S	N	N	N	50	200	20	N	N	N	20	10	N
PMF105S	N	N	N	20	70	10	N	N	N	15	<10	N
PMF106S	N	N	N	20	70	20	N	N	N	10	10	N
PMF107S	N	N	N	20	100	10	N	10	N	15	<10	N
PMF108S	N	N	N	20	150	20	N	N	N	15	10	N
PMF109S	N	N	N	20	50	30	N	N	N	15	10	N
PMF110S	N	N	N	20	20	10	N	N	N	5	<10	N
PMF111S	N	N	N	15	100	5	N	N	N	10	<10	N
PMF112S	N	N	N	20	50	10	N	N	N	10	<10	N
PMF113S	N	N	N	30	70	20	N	N	N	10	<10	N
PMF114S	N	N	N	50	100	10	N	N	N	10	<10	N
PMF115S	N	N	N	30	70	10	N	N	N	10	10	N
PMF116S	N	N	N	30	100	20	N	N	N	15	70	N
PMF117S	N	N	N	50	70	10	N	N	N	15	10	N
PMF118S	N	N	N	15	70	10	N	N	N	10	10	N
PMF119S	N	N	N	30	100	30	N	N	N	20	20	N
PMF120S	N	N	N	50	150	20	N	N	N	15	10	N
PMF121S	N	N	N	30	100	10	N	N	N	10	<10	N
PMF122S	N	N	N	30	100	10	N	N	N	20	20	N
PMF123S	N	N	N	30	100	20	N	N	N	15	20	N
PMF124S	N	N	N	20	100	20	N	N	N	15	10	N
PMF125S	N	N	N	30	200	20	N	N	N	20	10	N

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	U-ppm f
PMF063S	20	N	150	200	N	20	N	150	N	--	--
PMF064S	15	N	<100	200	N	20	N	150	N	--	--
PMF065S	15	N	100	200	N	20	N	100	N	--	--
PMF066S	20	N	300	150	N	20	N	150	N	--	--
PMF067S	20	N	200	300	N	20	N	100	N	--	--
PMF068S	20	N	300	300	N	20	<200	100	N	--	--
PMF069S	20	N	500	200	N	20	<200	200	N	--	--
PMF070S	10	N	200	100	N	20	N	300	N	--	--
PMF071S	20	<10	500	200	N	30	N	50	N	--	--
PMF072S	20	N	300	500	N	20	<200	70	N	--	--
PMF073S	20	N	500	200	N	50	N	100	N	--	--
PMF074S	20	N	200	200	N	20	N	100	N	--	--
PMF075S	20	N	100	200	N	20	<200	100	N	--	--
PMF076S	15	N	100	200	N	20	N	150	N	--	--
PMF077S	10	N	300	100	N	10	N	50	N	--	--
PMF078S	10	N	200	100	N	20	N	100	N	--	--
PMF079S	20	N	200	200	N	20	N	100	N	--	--
PMF080S	15	N	100	150	N	10	<200	70	N	--	--
PMF081S	20	N	300	200	N	10	<200	50	N	--	--
PMF082S	20	N	100	200	N	20	<200	200	N	--	--
PMF083S	20	N	100	200	N	20	<200	70	N	--	--
PMF084S	20	N	300	200	N	20	<200	50	N	--	--
PMF085S	20	N	<100	300	N	20	<200	100	N	--	--
PMF086S	20	N	100	300	N	20	<200	100	N	--	--
PMF088S	20	N	300	200	N	20	<200	100	N	--	--
PMF090S	30	N	200	500	N	20	<200	50	N	--	--
PMF091S	15	N	<100	150	N	10	N	50	N	--	--
PMF092S	15	N	<100	200	N	10	N	50	N	--	--
PMF093S	20	N	200	200	N	20	N	100	N	--	--
PMF094S	20	N	200	200	N	20	<200	200	N	--	--
PMF096S	20	N	300	200	N	20	<200	50	N	--	--
PMF097S	10	N	<100	100	N	<10	N	100	N	--	--
PMF098S	20	N	200	300	N	30	<200	200	N	--	--
PMF099S	20	N	500	200	N	30	N	100	N	--	--
PMF100S	20	N	100	200	N	20	N	50	N	--	--
PMF101S	20	N	100	300	N	10	<200	50	N	--	--
PMF102S	20	N	200	200	N	20	N	100	N	--	--
PMF103S	20	N	200	200	N	20	<200	100	N	--	--
PMF104S	30	N	300	200	N	30	<200	100	N	--	--
PMF105S	20	N	200	200	N	10	<200	100	N	--	--
PMF106S	30	N	150	200	N	20	<200	150	N	--	--
PMF107S	20	N	200	200	N	10	N	100	N	--	--
PMF108S	20	N	200	300	N	20	<200	150	N	--	--
PMF109S	20	N	500	200	N	30	N	100	N	--	--
PMF110S	20	N	300	150	N	20	N	100	N	--	--
PMF111S	15	N	200	100	N	10	N	500	N	--	--
PMF112S	20	N	300	150	N	20	<200	100	N	--	--
PMF113S	20	N	200	150	N	20	<200	100	N	--	--
PMF114S	20	N	200	200	N	10	<200	100	N	--	--
PMF115S	20	N	200	150	N	15	<200	100	N	--	--
PMF116S	15	N	200	150	N	15	<200	100	N	--	--
PMF117S	20	N	200	200	N	10	<200	100	N	--	--
PMF118S	15	N	200	100	N	20	N	100	N	--	--
PMF119S	20	N	300	200	N	30	<200	150	N	--	--
PMF120S	30	N	300	300	N	20	<200	50	N	--	--
PMF121S	30	N	300	300	N	20	<200	100	N	--	--
PMF122S	20	N	100	200	N	20	<200	100	N	--	--
PMF123S	20	N	100	200	N	20	N	200	N	--	--
PMF124S	20	N	200	200	N	20	N	200	N	--	--
PMF125S	20	N	200	200	N	20	N	70	N	--	--

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMF126S	55 38 47	160 49 1	5.0	1.0	.10	.50	500	N	N	N	50	500
PMF127S	55 43 38	160 42 0	5.0	1.0	.20	.50	500	N	N	N	50	500
PMF128S	55 31 46	160 28 20	5.0	.7	.50	.50	700	N	N	N	N	500
PMF129S	55 31 12	160 31 0	7.0	1.5	1.00	.70	1,000	N	N	N	<10	300
PMF130S	55 21 47	161 29 9	7.0	3.0	1.00	.50	1,000	N	N	N	<10	150
PMF131S	55 23 4	161 20 15	10.0	2.0	.70	.70	1,000	N	N	N	<10	200
PMF133S	55 27 35	160 41 59	10.0	3.0	2.00	1.00	1,000	N	N	N	10	200
PMF134S	55 32 30	160 22 18	7.0	2.0	1.00	.70	700	N	N	N	10	500
PMF135S	55 28 8	161 8 40	7.0	2.0	2.00	.70	1,000	N	N	N	10	500
PMF136S	55 40 34	160 58 45	5.0	1.5	.70	.50	700	<.5	N	N	100	500
PMF137S	55 41 42	161 3 11	7.0	2.0	.70	1.00	1,000	N	N	N	100	500
PMF138S	55 28 10	160 49 20	10.0	2.0	1.00	1.00	1,500	N	N	N	10	300
PMF139S	55 44 22	160 58 51	5.0	1.0	.70	.50	700	N	N	N	20	700
PMF140S	55 56 43	159 45 52	7.0	3.0	2.00	.50	1,000	N	N	N	20	500
PMF141S	55 54 58	159 45 0	7.0	1.5	1.00	.50	1,000	N	N	N	10	500
PMF142S	55 53 38	159 43 3	7.0	2.0	1.50	.50	1,000	N	N	N	30	500
PMF143S	55 49 14	159 51 20	5.0	1.5	1.00	.50	1,000	N	N	N	30	500
PMF144S	55 53 3	159 50 23	10.0	2.0	1.00	1.00	1,000	N	N	N	10	500
PMF145S	55 52 32	159 53 53	10.0	3.0	1.00	.70	1,000	N	N	N	20	500
PMF146S	55 52 52	159 57 34	10.0	3.0	2.00	1.00	1,000	N	N	N	20	500
PMF147S	55 47 48	159 59 41	10.0	2.0	1.00	.50	700	1.0	N	N	<10	500
PMF148S	55 51 3	160 1 52	10.0	1.5	1.00	.70	1,000	N	N	N	<10	1,000
PMF149S	55 45 59	160 3 46	7.0	2.0	2.00	.70	1,000	N	N	N	<10	500
PMF150S	55 42 29	160 10 10	7.0	2.0	2.00	.70	1,000	N	N	N	150	300
PMF151S	55 39 22	160 22 37	5.0	1.5	.70	.50	700	N	N	N	20	700
PMF152S	55 40 47	160 21 56	5.0	1.0	.50	.50	1,000	N	N	N	50	1,000
PMF153S	55 44 3	160 25 4	5.0	1.5	.50	.50	1,000	N	N	N	100	700
PMF154S	55 40 17	160 25 28	5.0	1.0	.70	.50	1,000	N	N	N	100	500
PMF155S	55 37 29	160 32 48	5.0	1.0	1.00	.50	1,000	N	N	N	50	500
PMF156S	55 36 41	161 37 50	7.0	1.5	2.00	.70	2,000	N	N	N	30	500
PMF157S	55 49 36	160 34 35	5.0	1.0	.70	.50	700	N	N	N	50	700
PMF158S	55 55 40	160 19 35	7.0	1.0	.70	1.00	1,000	N	N	N	100	700
PMF159S	55 56 0	160 18 40	10.0	2.0	2.00	1.00	1,000	N	N	N	10	500
PMF160S	55 59 37	160 29 28	10.0	2.0	1.00	1.00	1,000	N	N	N	<10	500
PMF161S	55 55 22	160 28 35	7.0	2.0	1.50	1.00	1,000	N	N	N	20	500
PMF162S	55 52 54	160 21 31	5.0	1.0	1.00	1.00	1,000	N	N	N	50	1,000
PMF163S	55 51 41	160 17 42	5.0	1.0	.70	.70	1,000	N	N	N	50	1,000
PMF164S	55 52 33	160 11 59	7.0	2.0	1.50	.50	1,000	N	N	N	50	700
PMF165S	55 52 35	160 11 50	10.0	2.0	1.00	1.00	1,000	N	N	N	<10	500
PMF166S	55 55 48	160 12 5	7.0	2.0	2.00	.70	1,000	N	N	N	10	700
PMF167S	55 56 53	160 15 6	10.0	3.0	2.00	.70	1,500	N	N	N	<10	500
PMF168S	55 59 10	160 10 57	10.0	2.0	1.00	>1.00	1,500	N	N	N	<10	500
PMF169S	55 59 25	160 5 15	10.0	2.0	1.50	.70	1,000	N	N	N	10	500
PMF170S	55 58 26	160 2 54	7.0	2.0	1.00	.70	1,000	N	N	N	50	500
PMF171S	55 55 50	160 4 50	7.0	2.0	1.00	.70	1,000	N	N	N	50	500
PMF172S	55 54 58	160 6 18	10.0	1.5	1.00	.50	700	N	N	N	50	1,000
PMF173S	55 35 3	159 37 48	5.0	2.0	2.00	.50	700	N	N	N	10	300
PMF174S	55 37 37	159 36 4	5.0	1.5	2.00	.50	700	N	N	N	50	500
PMF175S	55 39 3	159 33 52	5.0	1.5	1.50	.50	500	N	N	N	30	500
PMF177S	55 41 39	159 33 18	7.0	1.5	2.00	.70	1,000	N	N	N	20	500
PMF178S	55 41 47	159 35 17	7.0	2.0	2.00	.70	1,000	N	N	N	20	500
PMF179S	55 43 11	159 33 21	5.0	1.0	1.00	.50	700	N	N	N	15	300
PMF180S	55 46 12	159 38 39	5.0	1.5	1.50	.70	700	N	N	N	30	500
PMF182S	55 59 16	158 39 0	5.0	1.5	1.50	.70	1,000	<.5	N	N	200	500
PMF183S	55 58 5	158 39 52	3.0	1.5	1.50	.50	1,000	<.5	N	N	50	300
PMF185S	55 52 35	158 50 56	5.0	1.0	1.50	.70	1,500	N	N	N	30	300
PMF186S	55 50 23	158 43 23	5.0	1.5	1.50	.70	1,000	N	N	N	20	300
PMF187S	55 51 29	158 47 43	7.0	2.0	1.50	.50	1,000	N	N	N	50	300
PMF188S	55 52 56	158 46 50	7.0	1.5	1.00	.50	1,000	N	N	N	20	300
PMF189S	55 59 5	159 4 57	3.0	1.0	1.00	.50	700	N	N	N	30	300

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm 5	Bi-ppm 5	Cd-ppm 5	Co-ppm 5	Cr-ppm 5	Cu-ppm 5	La-ppm 5	Mo-ppm 5	Nb-ppm 5	Ni-ppm 5	Pb-ppm 5	Sb-ppm 5
PMF126S	N	N	N	20	100	20	N	N	N	20	20	N
PMF127S	N	N	N	30	200	20	N	N	N	50	20	N
PMF128S	N	N	N	20	20	10	N	N	N	10	N	N
PMF129S	N	N	N	50	50	15	N	N	N	10	<10	N
PMF130S	N	N	N	50	200	20	N	N	N	20	<10	N
PMF131S	N	N	N	50	200	50	N	N	N	20	<10	N
PMF133S	N	N	N	50	50	20	N	N	<20	10	50	N
PMF134S	N	N	N	30	200	20	N	N	N	15	20	N
PMF135S	<1.0	N	N	50	70	50	N	N	N	15	50	N
PMF136S	<1.0	N	N	20	150	50	N	N	N	20	200	N
PMF137S	N	N	N	20	50	20	N	N	<20	10	20	N
PMF138S	N	N	N	50	50	50	N	N	<20	10	10	N
PMF139S	N	N	N	20	70	20	N	N	N	10	10	N
PMF140S	N	N	N	50	50	20	N	N	N	10	20	N
PMF141S	<1.0	N	N	30	100	100	N	N	N	10	30	N
PMF142S	<1.0	N	N	30	100	10	N	N	N	15	30	N
PMF143S	<1.0	N	N	20	200	10	N	<5	N	10	50	N
PMF144S	N	N	N	50	70	20	N	N	N	15	20	N
PMF145S	N	N	N	50	200	50	N	N	N	20	10	N
PMF146S	N	N	N	50	70	20	N	N	N	15	20	N
PMF147S	N	N	N	10	20	100	N	10	N	5	30	N
PMF148S	<1.0	N	N	50	50	30	N	N	N	15	30	N
PMF149S	N	N	N	50	100	20	N	N	N	15	20	N
PMF150S	N	N	N	50	70	100	N	5	N	15	50	N
PMF151S	N	N	N	20	150	10	N	N	N	15	20	N
PMF152S	1.0	N	N	20	100	10	N	N	N	15	30	N
PMF153S	<1.0	N	N	30	100	10	N	N	N	20	50	N
PMF154S	<1.0	N	N	30	100	10	N	N	N	20	30	N
PMF155S	<1.0	N	N	20	50	10	N	N	N	15	30	N
PMF156S	N	N	N	30	50	10	N	N	N	10	10	N
PMF157S	<1.0	N	N	20	70	10	N	N	N	20	20	N
PMF158S	<1.0	N	N	20	500	5	N	N	<20	20	30	N
PMF159S	N	N	N	50	200	20	50	N	N	20	10	N
PMF160S	N	N	N	70	200	20	N	N	N	20	10	N
PMF161S	N	N	N	30	200	10	N	N	N	20	10	N
PMF162S	<1.0	N	N	20	200	5	100	N	<20	20	30	N
PMF163S	<1.0	N	N	20	200	10	N	N	N	20	20	N
PMF164S	N	N	N	30	150	20	N	N	N	20	20	N
PMF165S	N	N	N	50	100	30	N	N	N	20	20	N
PMF166S	N	N	N	50	100	50	N	N	N	15	10	N
PMF167S	N	N	N	50	100	20	<20	N	N	10	10	N
PMF168S	N	N	N	100	100	20	N	N	<20	20	10	N
PMF169S	N	N	N	50	100	10	N	N	N	20	10	N
PMF170S	N	N	N	50	100	10	N	N	N	20	20	N
PMF171S	N	N	N	50	100	10	N	N	N	20	30	N
PMF172S	N	N	N	50	70	100	N	N	N	20	50	N
PMF173S	<1.0	N	N	30	100	30	N	N	N	30	20	N
PMF174S	1.5	N	N	20	70	30	N	N	N	30	20	N
PMF175S	1.0	N	N	20	50	20	N	N	N	30	20	N
PMF177S	<1.0	N	N	30	100	30	N	N	N	20	15	N
PMF178S	<1.0	N	N	30	70	50	N	N	N	20	20	N
PMF179S	<1.0	N	N	20	100	20	N	N	N	20	10	N
PMF180S	<1.0	N	N	30	100	30	N	N	N	30	20	N
PMF182S	<1.0	N	N	30	50	50	N	N	N	20	30	N
PMF183S	<1.0	N	N	15	20	30	N	N	N	10	50	N
PMF185S	1.0	N	N	20	15	30	N	N	N	15	10	N
PMF186S	<1.0	N	N	20	20	30	N	<5	N	15	15	N
PMF187S	<1.0	N	N	50	50	30	N	N	N	20	20	N
PMF188S	<1.0	N	N	30	50	30	N	N	N	15	15	N
PMF189S	<1.0	N	N	15	50	20	N	N	N	10	10	N

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	U-ppm f
PMF126S	15	N	200	150	N	20	N	200	N	--	--
PMF127S	15	N	150	150	N	20	N	100	N	--	--
PMF128S	10	N	200	200	N	10	N	50	N	--	--
PMF129S	20	N	200	300	N	20	<200	100	N	--	--
PMF130S	30	N	200	300	N	20	<200	100	N	--	--
PMF131S	20	N	100	500	N	20	<200	100	N	--	--
PMF133S	30	N	500	500	N	20	<200	100	N	--	--
PMF134S	30	N	500	300	N	20	N	100	N	--	--
PMF135S	30	N	500	300	N	30	<200	100	N	--	--
PMF136S	20	N	500	200	N	30	N	200	N	--	--
PMF137S	20	N	500	200	N	30	<200	200	N	--	--
PMF138S	30	N	300	300	N	50	<200	100	N	--	--
PMF139S	20	N	500	200	N	20	N	150	N	--	--
PMF140S	30	N	500	200	N	30	N	100	N	--	--
PMF141S	20	N	500	500	N	20	N	100	N	--	--
PMF142S	20	N	500	500	N	30	N	100	N	--	--
PMF143S	20	N	300	200	N	30	N	100	N	--	--
PMF144S	20	N	300	1,000	N	20	<200	70	N	--	--
PMF145S	30	N	200	500	N	20	<200	100	N	--	--
PMF146S	30	N	500	500	N	30	<200	100	N	--	--
PMF147S	20	N	500	300	N	20	N	150	N	--	--
PMF148S	30	N	500	300	N	50	<200	200	N	--	--
PMF149S	30	N	500	300	N	30	<200	100	N	--	--
PMF150S	30	N	500	300	N	30	<200	100	N	--	--
PMF151S	20	N	500	200	N	30	N	100	N	--	--
PMF152S	20	N	500	200	N	30	N	150	N	--	--
PMF153S	20	N	300	200	N	50	<200	200	N	--	--
PMF154S	20	N	300	200	N	50	N	200	N	--	--
PMF155S	20	N	500	200	N	50	N	200	N	--	--
PMF156S	30	N	500	200	N	50	<200	100	N	--	--
PMF157S	20	N	500	200	N	50	N	300	N	--	--
PMF158S	20	N	300	200	N	50	<200	500	N	--	--
PMF159S	30	N	500	500	N	50	<200	100	N	--	--
PMF160S	30	N	200	700	N	30	<200	100	N	--	--
PMF161S	30	N	500	300	N	50	N	300	N	--	--
PMF162S	20	N	500	200	N	50	N	200	N	--	--
PMF163S	20	N	300	200	N	50	N	300	N	--	--
PMF164S	30	N	500	500	N	50	N	300	N	--	--
PMF165S	30	N	300	700	N	50	<200	300	N	--	--
PMF166S	30	N	700	300	N	50	N	150	N	--	--
PMF167S	50	N	500	300	N	50	<200	100	N	--	--
PMF168S	50	N	300	700	N	30	<200	200	N	--	--
PMF169S	30	N	500	500	N	30	<200	150	N	--	--
PMF170S	30	N	300	500	N	30	N	200	N	--	--
PMF171S	30	N	500	500	N	50	<200	150	N	--	--
PMF172S	30	N	500	200	N	30	<200	100	N	--	--
PMF173S	30	N	200	200	N	20	N	70	N	--	--
PMF174S	20	N	300	200	N	30	N	150	N	--	--
PMF175S	20	N	200	150	N	20	N	100	N	--	--
PMF177S	30	N	500	200	N	20	N	70	N	--	--
PMF178S	30	N	300	200	N	30	N	100	N	--	--
PMF179S	20	N	300	200	N	20	N	100	N	--	--
PMF180S	20	N	300	150	N	20	N	150	N	--	--
PMF182S	20	N	300	200	N	30	N	100	N	--	--
PMF183S	20	N	500	200	N	30	N	100	N	--	--
PMF185S	20	N	200	200	N	30	200	100	N	--	--
PMF186S	30	N	300	200	N	30	N	150	N	--	--
PMF187S	20	N	300	200	N	30	<200	100	N	--	--
PMF188S	20	N	300	200	N	30	N	100	N	--	--
PMF189S	20	N	300	150	N	30	N	100	N	--	--

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMF190S	55 57 24	159 7 20	3.0	1.0	.70	.50	700	N	N	N	70	500
PMF191S	55 56 7	159 5 10	5.0	1.5	1.00	.50	1,000	N	N	N	20	500
PMF192S	55 50 54	159 7 10	5.0	1.5	1.50	.50	1,000	N	N	N	20	300
PMF193S	55 50 30	159 6 56	7.0	2.0	2.00	1.00	1,500	N	N	N	20	500
PMF194S	55 51 40	159 4 6	5.0	2.0	1.50	.50	1,000	N	N	N	50	300
PMF195S	55 54 42	159 11 14	7.0	2.0	1.50	.70	1,000	N	N	N	10	300
PMF196S	55 56 17	159 14 52	5.0	1.5	1.00	.50	1,000	N	N	N	100	500
PMF197S	55 59 37	159 10 27	5.0	1.0	1.50	.50	700	N	N	N	10	300
PMF198S	55 59 16	159 15 33	5.0	2.0	2.00	.50	700	N	N	N	15	500
PMF199S	55 59 58	159 17 51	3.0	1.5	2.00	.50	500	N	N	N	10	500
PMF200S	55 52 28	159 18 26	5.0	1.5	1.00	.70	700	N	N	N	20	500
PMF701S	55 47 52	159 18 14	5.0	2.0	2.00	.70	1,500	N	N	N	15	100
PMF702S	55 45 34	159 18 27	5.0	1.0	1.50	.70	1,000	N	N	N	20	200
PMF703S	55 46 15	159 20 32	5.0	2.0	2.00	.50	1,000	N	N	N	15	200
PMF704S	55 44 26	159 22 37	5.0	2.0	1.50	.70	1,000	N	N	N	20	300
PMF705S	55 48 7	159 24 27	3.0	1.0	1.00	.50	500	N	N	N	30	500
PMF706S	55 51 10	159 24 17	3.0	1.0	.70	.50	500	N	N	N	20	300
PMF707S	55 51 29	159 24 10	5.0	1.5	1.00	.50	700	N	N	N	30	700
PMF708S	55 52 43	159 22 27	5.0	1.5	1.00	.70	1,000	N	N	N	20	300
PMF709S	55 53 23	159 23 35	5.0	1.0	1.00	.50	700	<.5	N	N	20	300
PMF710S	55 54 23	159 23 7	5.0	1.0	.70	.50	700	N	N	N	30	500
PMF711S	55 55 37	159 21 30	5.0	1.5	1.00	.50	700	N	N	N	100	300
PMF712S	55 55 43	159 21 55	5.0	1.5	1.00	.50	700	N	N	N	20	300
PMF713S	55 59 20	159 24 13	7.0	2.0	1.50	.70	1,000	N	N	N	10	300
PMF714S	55 59 35	159 23 59	5.0	1.5	1.50	.50	700	N	N	N	10	300
PMF715S	55 58 52	159 29 15	7.0	2.0	1.00	.50	500	N	N	N	10	200
PMF716S	55 59 47	159 36 19	5.0	1.5	1.00	.50	700	N	N	N	30	300
PMF717S	55 58 38	159 38 53	5.0	1.5	1.00	.70	700	N	N	N	30	300
PMF718S	55 57 3	159 39 15	5.0	1.5	1.00	.50	700	N	N	N	30	200
PMF719S	55 52 21	159 36 21	3.0	1.0	.70	.30	700	<.5	N	N	100	500
PMF720S	55 50 46	159 33 15	3.0	1.5	1.00	.50	700	N	N	N	10	300
PMF721S	55 48 14	159 34 16	5.0	1.5	.70	.70	700	<.5	N	N	10	200
PMF722S	55 10 18	160 1 31	5.0	1.5	.70	.50	500	N	N	N	15	200
PMF723S	55 11 46	160 0 25	3.0	1.0	.70	.50	700	N	N	N	30	300
PMF724S	55 10 44	159 56 40	2.0	1.0	1.00	.20	700	N	N	N	30	200
PMF725S	55 12 16	159 55 40	3.0	1.0	1.00	.30	1,000	N	N	N	30	300
PMF726S	55 16 37	159 53 27	3.0	1.5	1.00	.30	1,000	N	N	N	30	300
PMF727S	55 15 48	159 51 10	2.0	1.0	1.00	.30	1,000	N	N	N	50	300
PMF728S	55 15 54	159 51 15	5.0	1.0	1.00	.50	1,000	N	N	N	30	300
PMF729S	55 9 32	159 54 0	3.0	1.0	.70	.30	1,000	N	N	N	20	200
PMF730S	54 56 57	160 10 17	5.0	1.5	.70	.50	700	<.5	N	N	30	200
PMF731S	54 56 12	160 13 10	3.0	1.5	1.00	.50	1,000	N	N	N	30	300
PMF732S	54 55 41	160 14 34	5.0	1.5	1.00	.50	500	N	N	N	20	300
PMF733S	54 58 43	160 11 19	2.0	1.5	.20	.20	500	N	N	N	50	300
PMF734S	55 2 0	160 5 17	3.0	1.5	.70	.30	1,000	N	N	N	15	500
PMF735S	55 3 5	160 9 8	3.0	1.5	.70	.20	700	N	N	N	20	300
PMF736S	55 3 48	160 7 0	3.0	1.5	1.00	.50	700	N	N	N	20	300
PMF737S	55 4 13	160 5 16	5.0	2.0	1.00	.50	1,000	N	N	N	20	500
PMF738S	55 5 24	160 7 12	5.0	1.0	1.00	.50	700	N	N	N	15	200
PMF739S	55 6 52	160 9 38	5.0	2.0	1.00	.50	700	N	N	N	30	500
PMF740S	55 7 15	160 5 56	10.0	2.0	1.50	.70	2,000	N	N	N	70	500
PMF741S	55 9 3	160 5 46	5.0	1.5	1.00	.50	1,000	N	N	N	30	300
PMF742S	55 7 52	159 56 41	3.0	1.0	1.00	.30	700	N	N	N	20	200
PMF743S	55 7 6	159 58 10	5.0	2.0	1.00	.50	1,000	N	N	N	20	300
PMF744S	55 6 4	160 1 2	3.0	1.0	1.00	.30	700	N	N	N	20	300
PMF745S	55 2 30	159 50 0	3.0	1.5	1.00	.50	1,000	N	N	N	30	300
PMF746S	55 4 35	159 48 50	3.0	.7	.70	.30	1,000	N	N	N	30	300
PMF747S	55 3 5	159 36 6	5.0	1.0	1.00	.70	1,500	N	N	N	20	300
PMF748S	55 3 53	159 37 28	3.0	.7	.70	.50	1,000	N	N	N	20	200
PMF749S	55 5 7	159 34 43	5.0	1.0	1.00	>1.00	2,000	N	N	N	50	700

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMF190S	1.0	N	N	20	100	30	N	N	N	30	20	N
PMF191S	<1.0	N	N	20	50	20	N	N	N	15	15	N
PMF192S	<1.0	N	N	30	150	30	N	N	N	20	10	N
PMF193S	<1.0	N	N	50	70	30	N	N	N	30	15	N
PMF194S	N	N	N	20	70	30	N	N	N	15	15	N
PMF195S	<1.0	N	N	50	70	30	N	N	N	20	<10	N
PMF196S	<1.0	N	N	20	70	20	N	N	N	20	10	N
PMF197S	<1.0	N	N	15	50	15	N	N	N	10	<10	N
PMF198S	1.0	N	N	20	70	20	N	N	N	30	10	N
PMF199S	1.0	N	N	15	30	30	N	N	N	15	15	N
PMF200S	1.0	N	N	20	50	20	N	N	N	15	15	N
PMF701S	<1.0	N	N	30	150	20	N	N	N	20	10	N
PMF702S	<1.0	N	N	20	30	20	N	N	N	10	10	N
PMF703S	<1.0	N	N	20	200	20	N	N	N	20	10	N
PMF704S	<1.0	N	N	30	30	30	N	N	N	15	15	N
PMF705S	1.0	N	N	20	70	30	N	N	N	15	20	N
PMF706S	1.0	N	N	20	50	100	N	5	N	20	20	N
PMF707S	<1.0	N	N	30	100	50	N	<5	N	30	20	N
PMF708S	1.0	N	N	15	30	30	N	<5	N	15	20	N
PMF709S	1.0	N	N	20	30	20	N	N	N	15	30	N
PMF710S	1.0	N	N	20	50	20	N	N	N	20	<10	N
PMF711S	<1.0	N	N	15	50	30	N	N	N	20	<10	N
PMF712S	<1.0	N	N	20	70	30	N	N	N	30	10	N
PMF713S	<1.0	N	N	50	100	50	N	N	N	30	<10	N
PMF714S	<1.0	N	N	30	50	30	N	N	N	20	10	N
PMF715S	N	N	N	50	150	70	N	N	N	30	<10	N
PMF716S	<1.0	N	N	30	150	30	N	N	N	30	15	N
PMF717S	1.0	N	N	20	70	20	N	N	N	20	10	N
PMF718S	<1.0	N	N	20	100	30	N	N	N	20	10	N
PMF719S	1.0	N	N	15	50	30	N	N	N	20	20	N
PMF720S	<1.0	N	N	20	100	30	N	<5	N	30	10	N
PMF721S	<1.0	N	N	15	70	30	N	N	N	15	30	N
PMF722S	N	N	N	15	70	30	N	N	N	20	20	N
PMF723S	1.0	N	N	10	30	30	N	N	N	20	20	N
PMF724S	1.0	N	N	10	15	30	N	N	N	10	15	N
PMF725S	1.0	N	N	15	20	30	N	N	N	20	15	N
PMF726S	<1.0	N	N	15	50	30	N	N	N	20	15	N
PMF727S	1.0	N	N	10	20	30	N	N	N	20	20	N
PMF728S	1.0	N	N	15	50	30	N	N	N	20	15	N
PMF729S	1.0	N	N	15	50	30	N	N	N	20	15	N
PMF730S	N	N	N	30	150	50	N	N	N	50	20	N
PMF731S	1.0	N	N	15	150	20	N	N	N	15	15	N
PMF732S	N	N	N	20	150	20	50	N	N	10	20	N
PMF733S	N	N	N	15	100	30	N	N	N	30	20	N
PMF734S	<1.0	N	N	20	30	20	N	N	N	10	20	N
PMF735S	<1.0	N	N	15	30	20	N	N	N	10	15	N
PMF736S	<1.0	N	N	15	50	30	N	N	N	15	20	N
PMF737S	N	N	N	30	150	30	N	N	N	15	20	N
PMF738S	N	N	N	20	50	30	N	N	N	10	20	N
PMF739S	<1.0	N	N	20	100	30	N	N	N	30	20	N
PMF740S	<1.0	N	N	50	100	70	N	5	N	30	20	N
PMF741S	<1.0	N	N	20	50	30	N	N	N	30	20	N
PMF742S	1.0	N	N	10	20	30	N	N	N	10	15	N
PMF743S	<1.0	N	N	20	70	30	N	N	N	20	10	N
PMF744S	1.0	N	N	15	30	30	N	N	N	30	15	N
PMF745S	1.0	N	N	15	50	20	N	N	N	20	20	N
PMF746S	1.0	N	N	15	20	20	N	N	N	30	15	N
PMF747S	1.0	N	N	20	30	20	N	N	<20	10	15	N
PMF748S	1.0	N	N	15	30	20	N	N	N	10	15	N
PMF749S	1.0	N	N	15	50	30	N	N	20	15	20	N

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	U-ppm f
PMF190S	20	N	300	150	N	30	N	150	N	--	--
PMF191S	20	N	300	200	N	30	N	100	N	--	--
PMF192S	30	N	300	200	N	30	N	70	N	--	--
PMF193S	30	N	500	300	N	50	<200	70	N	--	--
PMF194S	20	N	300	150	N	20	N	70	N	--	--
PMF195S	30	N	300	200	N	30	200	100	N	--	--
PMF196S	20	N	500	150	N	30	N	150	N	--	--
PMF197S	20	N	300	150	N	30	N	200	N	--	--
PMF198S	30	N	500	150	N	50	N	100	N	--	--
PMF199S	20	N	500	100	N	30	N	150	N	--	--
PMF200S	20	N	200	150	N	30	N	100	N	--	--
PMF701S	30	N	300	200	N	20	<200	50	N	--	--
PMF702S	20	N	300	150	N	30	N	150	N	--	--
PMF703S	30	N	300	200	N	20	N	70	N	--	--
PMF704S	20	N	300	150	N	20	N	100	N	--	--
PMF705S	20	N	200	100	N	20	N	100	N	--	--
PMF706S	15	N	200	100	N	20	N	70	N	--	--
PMF707S	20	N	300	100	N	30	<200	100	N	--	--
PMF708S	20	N	300	150	N	30	<200	100	N	--	--
PMF709S	20	N	300	100	N	30	<200	100	N	--	--
PMF710S	20	N	200	100	N	30	N	100	N	--	--
PMF711S	20	N	500	100	N	30	N	300	N	--	--
PMF712S	30	N	300	200	N	30	N	70	N	--	--
PMF713S	30	N	500	200	N	30	<200	70	N	--	--
PMF714S	20	N	300	150	N	20	N	70	N	--	--
PMF715S	30	N	300	200	N	20	N	50	N	--	--
PMF716S	20	N	200	100	N	20	N	150	N	--	--
PMF717S	20	N	300	100	N	20	N	100	N	--	--
PMF718S	20	N	200	200	N	20	N	50	N	--	--
PMF719S	20	N	300	150	N	30	N	100	N	--	--
PMF720S	20	N	300	150	N	20	N	100	N	--	--
PMF721S	20	N	150	200	N	20	N	100	N	--	--
PMF722S	20	N	100	150	N	20	N	70	N	--	--
PMF723S	20	N	200	150	N	20	N	100	N	--	--
PMF724S	15	N	200	100	N	20	N	50	N	--	--
PMF725S	20	N	200	150	N	30	N	100	N	--	--
PMF726S	20	N	200	100	N	20	N	70	N	--	--
PMF727S	15	N	200	150	N	30	N	100	N	--	--
PMF728S	20	N	300	150	N	30	N	100	N	--	--
PMF729S	15	N	200	150	N	20	N	50	N	--	--
PMF730S	20	N	200	150	N	20	N	70	N	--	--
PMF731S	20	N	300	150	N	20	N	70	N	--	--
PMF732S	20	N	150	100	N	50	N	100	N	--	--
PMF733S	15	N	100	100	N	15	N	70	N	--	--
PMF734S	20	N	200	150	N	30	N	100	N	--	--
PMF735S	15	N	200	150	N	15	N	70	N	--	--
PMF736S	20	N	200	150	N	30	N	100	N	--	--
PMF737S	30	N	200	150	N	30	N	150	N	--	--
PMF738S	20	N	200	150	N	20	N	70	N	--	--
PMF739S	20	N	300	100	N	20	N	70	N	--	--
PMF740S	20	N	200	200	N	20	200	150	N	--	--
PMF741S	20	N	200	100	N	20	N	100	N	--	--
PMF742S	15	N	200	100	N	20	N	50	N	--	--
PMF743S	20	N	300	100	N	20	<200	70	N	--	--
PMF744S	20	N	300	100	N	20	N	70	N	--	--
PMF745S	20	N	300	100	N	20	N	70	N	--	--
PMF746S	15	N	200	100	N	20	N	100	N	--	--
PMF747S	20	N	300	100	N	50	N	200	N	--	--
PMF748S	15	N	100	100	N	50	N	150	N	--	--
PMF749S	20	N	200	100	N	50	N	200	N	--	--

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMF750S	55 5 9	159 32 6	3.0	.7	.70	.30	1,000	N	N	N	20	200
PMF751S	55 7 50	159 32 25	3.0	1.0	1.00	.50	1,000	N	N	N	30	500
PMF752S	55 8 7	159 30 15	3.0	1.0	1.00	.30	1,000	N	N	N	20	200
PMF753S	55 10 40	159 33 44	3.0	1.0	.70	.30	700	N	N	N	20	300
PMF754S	55 11 53	159 34 35	5.0	1.5	1.00	.50	1,000	.5	N	N	30	300
PMF755S	55 14 14	159 31 29	3.0	1.0	1.00	.50	1,000	N	N	N	30	200
PMF756S	55 3 16	159 24 30	2.0	1.0	1.00	.50	700	N	N	N	20	200
PMF757S	55 3 6	159 30 50	2.0	1.0	.70	.30	500	N	N	N	20	200
PMF758S	54 58 15	159 25 55	5.0	1.0	.50	1.00	1,000	N	N	N	<10	150
PMF759S	54 58 47	159 22 14	3.0	1.5	1.00	.50	1,000	N	N	N	10	300
PMF762S	55 10 7	161 20 38	3.0	1.0	1.00	.30	700	N	N	N	10	300
PMF764S	55 3 52	161 43 45	5.0	2.0	1.00	.70	1,000	N	N	N	10	200
PMF765S	55 5 56	161 47 16	7.0	3.0	1.50	.70	1,000	N	N	N	10	200
PMF766S	55 7 33	161 47 52	5.0	1.5	1.00	.50	1,000	N	N	N	10	100
PMF768S	55 6 2	161 52 5	5.0	1.5	1.00	.50	1,000	N	N	N	10	200
PMF769S	55 7 12	161 57 18	5.0	1.0	1.00	.50	1,000	N	N	N	15	300
PMF770S	55 11 43	161 25 55	5.0	1.5	1.00	.50	1,500	N	N	N	10	200
PMF771S	55 12 45	161 35 38	5.0	1.5	1.00	.50	1,000	N	N	N	10	200
PMF772S	55 12 7	161 39 7	5.0	1.5	1.00	.50	700	N	N	N	10	150
PMF773S	55 9 27	161 50 2	5.0	1.5	.70	.50	1,500	.7	N	N	10	100
PMF774S	54 59 53	161 52 6	5.0	1.5	1.00	.30	700	N	N	N	10	150
PMF775S	55 4 53	161 41 55	5.0	2.0	1.00	.30	1,000	N	N	N	10	150
PMF776S	55 15 31	161 59 10	5.0	1.5	1.00	.50	1,000	N	N	N	20	200
PMF777S	55 18 18	161 51 45	7.0	2.0	1.00	.70	1,000	N	N	N	10	150
PMF778S	55 20 17	161 50 25	7.0	2.0	1.00	.50	1,000	N	N	N	10	200
PMF779S	55 24 4	161 46 21	7.0	2.0	1.00	.50	1,000	N	N	N	10	200
PMF780S	55 25 57	161 42 1	5.0	2.0	1.00	.50	1,000	N	N	N	10	100
PMF781S	55 32 8	161 44 5	5.0	2.0	1.00	.50	1,000	N	N	N	10	100
PMF782S	55 35 55	161 16 24	5.0	1.0	.50	.50	1,500	1.0	N	N	20	300
PMF783S	55 35 22	161 16 10	5.0	1.0	.50	.50	1,000	.7	N	N	20	300
PMF784S	55 35 28	161 16 14	7.0	1.0	.50	.50	1,500	1.0	N	N	50	500
PMF785S	55 52 46	161 42 1	10.0	2.0	1.00	.70	1,500	N	N	N	<10	200
PMF786S	55 48 35	161 41 17	10.0	1.5	1.00	.70	1,000	N	N	N	<10	150
PMF787S	55 48 32	161 51 24	10.0	2.0	1.50	.70	2,000	N	N	N	10	200
PMF788S	55 35 10	161 41 35	5.0	2.0	1.00	.50	700	N	N	N	10	100
PMF789S	55 39 18	161 28 50	7.0	2.0	1.50	.50	5,000	N	N	N	<10	200
PMF790S	55 39 5	161 10 23	15.0	.2	.20	.05	700	N	1,500	N	<10	70
PMF791S	55 40 17	161 35 26	5.0	1.5	2.00	.50	700	N	N	N	10	200
PMF792S	55 25 0	161 4 9	5.0	1.5	1.00	.70	700	N	N	N	10	200
PMF793S	55 24 24	161 9 44	5.0	1.5	1.00	.70	1,000	N	N	N	15	200
PMF794S	55 45 13	161 28 48	5.0	1.5	1.50	.50	1,500	N	N	N	10	200
PMF795S	55 46 27	161 34 24	5.0	1.5	1.50	.70	1,500	N	N	N	10	200
PMF796S	55 51 0	161 32 10	5.0	2.0	.70	.70	700	N	N	N	<10	100
PMF797S	55 53 30	161 17 20	5.0	1.0	2.00	.50	1,000	N	N	N	10	100
PMF798S	55 50 58	161 12 16	10.0	1.0	1.00	.30	>5,000	N	N	N	10	700
PMF799S	55 54 58	161 5 30	3.0	1.0	1.00	.50	1,000	N	N	N	10	200
PMF800S	55 51 37	161 1 40	5.0	1.5	1.00	.50	1,000	N	N	N	15	300
PMF801S	55 48 38	161 0 13	5.0	1.0	1.50	.50	1,000	N	N	N	15	300
PMF802S	55 34 24	160 56 15	5.0	1.0	.30	.30	500	N	N	N	20	500
PMF803S	55 34 35	160 54 27	5.0	1.0	.30	.50	700	N	N	N	30	500
PMF804S	55 35 42	160 52 23	5.0	1.0	.30	.50	700	N	N	N	50	500
PMF805S	55 36 41	160 50 40	5.0	1.0	.30	.30	700	<.5	N	N	50	500
PMF806S	55 38 48	160 54 9	5.0	1.0	.30	.20	700	.7	N	N	70	500
PMF807S	55 38 46	160 53 58	5.0	1.0	.20	.20	500	<.5	N	N	30	500
PMF808S	55 38 28	160 44 53	5.0	1.0	.70	.50	1,000	.5	N	N	30	500
PMF809S	55 38 24	160 45 0	5.0	.7	.10	.20	500	N	N	N	50	500
PMF810S	55 33 37	160 41 39	5.0	1.0	1.00	.70	700	N	N	N	<10	200
PMF811S	55 32 54	160 45 58	3.0	1.0	.30	.30	500	N	N	N	30	300
PMF812S	55 39 52	160 54 54	3.0	1.5	.10	.20	1,000	1.0	200	N	30	500
PMF814S	55 40 37	160 54 45	5.0	1.0	.20	.20	700	1.0	N	N	200	500

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMF750S	1.0	N	N	10	15	30	N	N	N	10	15	N
PMF751S	1.0	N	N	10	20	50	N	N	N	10	20	N
PMF752S	2.0	N	N	10	20	20	N	N	N	10	20	N
PMF753S	<1.0	N	N	10	20	20	N	N	N	7	20	N
PMF754S	<1.0	N	N	20	50	30	N	N	N	20	20	N
PMF755S	1.0	N	N	15	20	20	N	N	N	15	15	N
PMF756S	<1.0	N	N	15	30	20	N	N	N	20	10	N
PMF757S	1.0	N	N	10	20	30	N	<5	N	10	20	N
PMF758S	N	N	N	20	50	20	N	N	N	15	15	N
PMF759S	<1.0	N	N	15	20	15	N	N	N	7	10	N
PMF762S	N	N	N	15	50	20	N	N	N	15	<10	N
PMF764S	N	N	N	20	70	30	N	N	N	20	<10	N
PMF765S	N	N	N	30	150	30	N	N	N	20	<10	N
PMF766S	N	N	N	20	50	20	N	N	N	15	<10	N
PMF768S	N	N	N	20	50	30	N	N	N	20	10	N
PMF769S	<1.0	N	N	30	30	50	N	5	N	15	<10	N
PMF770S	N	N	N	20	50	20	N	N	N	20	<10	N
PMF771S	N	N	N	30	70	30	N	N	N	20	<10	N
PMF772S	N	N	N	20	100	30	N	N	N	30	<10	N
PMF773S	<1.0	N	N	70	50	150	N	<5	N	30	50	N
PMF774S	N	N	N	15	20	30	N	N	N	10	10	N
PMF775S	N	N	N	30	100	30	N	N	N	20	<10	N
PMF776S	N	N	N	30	70	30	N	N	N	20	10	N
PMF777S	N	N	N	50	100	30	N	N	N	20	10	N
PMF778S	N	N	N	50	70	20	N	N	N	20	<10	N
PMF779S	N	N	N	50	100	30	N	N	N	15	<10	N
PMF780S	N	N	N	50	70	20	N	N	N	15	<10	N
PMF781S	N	N	N	50	70	30	N	N	N	20	<10	N
PMF782S	N	N	<20	30	100	20	N	N	N	20	200	N
PMF783S	N	N	<20	50	100	50	N	7	N	20	30	N
PMF784S	N	N	<20	50	100	100	N	5	N	20	50	N
PMF785S	N	N	N	50	200	7	N	N	N	20	<10	N
PMF786S	N	N	N	50	100	7	N	N	N	20	<10	N
PMF787S	N	N	N	50	150	20	N	N	N	20	10	N
PMF788S	N	N	N	20	70	20	N	N	N	15	10	N
PMF789S	N	N	N	20	50	20	N	N	N	10	<10	N
PMF790S	N	N	N	N	<10	5	N	<5	N	N	<10	N
PMF791S	N	N	N	20	50	20	N	N	N	10	10	N
PMF792S	N	N	N	30	100	30	N	N	N	30	10	N
PMF793S	N	N	N	20	100	20	N	N	N	30	10	N
PMF794S	N	N	N	30	70	20	N	N	N	15	10	N
PMF795S	N	N	N	30	70	20	N	N	N	10	<10	N
PMF796S	N	N	N	30	50	15	N	N	N	15	10	N
PMF797S	N	N	N	30	50	20	N	N	N	10	<10	N
PMF798S	N	N	N	20	30	15	N	N	N	10	<10	N
PMF799S	N	N	N	15	50	10	N	N	N	10	<10	N
PMF800S	<1.0	N	N	20	50	10	N	N	N	15	<10	N
PMF801S	<1.0	N	N	15	100	15	N	N	N	15	<10	N
PMF802S	<1.0	N	N	20	150	20	N	N	N	30	20	N
PMF803S	<1.0	N	N	20	100	30	N	N	N	50	30	N
PMF804S	<1.0	N	N	20	100	30	N	N	N	50	20	N
PMF805S	1.0	N	N	20	100	30	N	N	N	50	30	N
PMF806S	<1.0	N	N	15	150	30	N	5	N	20	70	N
PMF807S	<1.0	N	N	15	100	20	N	N	N	30	20	N
PMF808S	<1.0	N	N	30	100	30	N	N	N	30	50	N
PMF809S	<1.0	N	N	20	100	20	N	<5	N	30	20	N
PMF810S	<1.0	N	N	30	70	20	N	N	N	20	10	N
PMF811S	1.0	N	N	20	100	20	N	N	N	30	10	N
PMF812S	1.0	N	N	15	100	50	N	N	N	30	150	N
PMF814S	N	N	N	20	70	50	N	<5	N	15	150	N

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	U-ppm f
PMF750S	15	N	100	150	N	20	N	70	N	--	--
PMF751S	15	N	200	150	N	30	N	150	N	--	--
PMF752S	15	N	200	150	N	20	N	100	N	--	--
PMF753S	15	N	150	100	N	20	N	70	N	--	--
PMF754S	20	N	300	150	N	30	N	70	N	--	--
PMF755S	15	N	200	150	N	20	N	50	N	--	--
PMF756S	20	N	100	100	N	30	N	100	N	--	--
PMF757S	15	N	100	100	N	20	N	50	N	--	--
PMF758S	15	N	<100	150	N	30	N	300	N	--	--
PMF759S	15	N	300	100	N	30	N	300	N	--	--
PMF762S	20	N	300	100	N	20	N	100	N	--	--
PMF764S	30	N	300	200	N	30	N	100	N	--	--
PMF765S	30	N	300	200	N	20	N	100	N	--	--
PMF766S	20	N	300	150	N	20	N	100	N	--	--
PMF768S	20	N	300	150	N	20	N	100	N	--	--
PMF769S	20	N	300	200	N	30	N	100	N	--	--
PMF770S	20	N	500	150	N	20	N	100	N	--	--
PMF771S	30	N	200	200	N	30	N	100	N	--	--
PMF772S	30	N	300	150	N	30	N	100	N	--	--
PMF773S	30	N	200	150	N	50	200	100	N	--	--
PMF774S	20	N	300	150	N	30	N	100	N	--	--
PMF775S	30	N	300	200	N	30	N	100	N	--	--
PMF776S	30	N	300	200	N	30	N	100	N	--	--
PMF777S	50	N	300	200	N	50	N	100	N	--	--
PMF778S	30	N	300	200	N	50	N	100	N	--	--
PMF779S	30	N	300	200	N	50	N	100	N	--	--
PMF780S	30	N	300	200	N	30	N	100	N	--	--
PMF781S	30	N	300	200	N	50	N	100	N	--	--
PMF782S	20	N	100	200	N	15	200	100	N	--	--
PMF783S	20	N	200	150	N	30	300	100	N	--	--
PMF784S	30	N	300	150	N	20	300	200	N	--	--
PMF785S	20	N	300	200	N	20	N	150	N	--	--
PMF786S	20	N	200	300	N	20	N	70	N	--	--
PMF787S	30	N	300	200	N	20	N	70	N	--	--
PMF788S	20	N	100	200	N	20	N	50	N	--	--
PMF789S	20	N	500	200	N	20	N	50	N	--	--
PMF790S	5	N	N	200	N	<10	N	N	N	N	--
PMF791S	30	N	300	200	N	30	N	100	N	--	--
PMF792S	20	N	200	200	N	20	N	150	N	--	--
PMF793S	20	N	300	200	N	20	N	100	N	--	--
PMF794S	20	N	300	200	N	30	N	100	N	--	--
PMF795S	20	N	300	200	N	30	N	100	N	--	--
PMF796S	20	N	150	200	N	20	N	50	N	--	--
PMF797S	20	N	500	200	N	20	N	70	N	--	--
PMF798S	15	N	300	200	N	20	N	70	N	--	--
PMF799S	20	N	300	200	N	20	N	70	N	--	--
PMF800S	20	N	500	200	N	20	N	200	N	--	--
PMF801S	20	N	500	200	N	20	N	150	N	--	--
PMF802S	20	N	150	200	N	20	N	150	N	--	--
PMF803S	20	N	150	200	N	20	N	150	N	--	--
PMF804S	20	N	150	200	N	30	N	150	N	--	--
PMF805S	20	N	100	200	N	20	N	150	N	--	--
PMF806S	20	N	100	150	N	15	N	150	N	--	--
PMF807S	15	N	200	100	N	15	N	100	N	--	--
PMF808S	20	N	200	200	N	20	N	200	N	--	--
PMF809S	20	N	100	150	N	30	N	100	N	--	--
PMF810S	20	N	200	200	N	20	N	100	N	--	--
PMF811S	20	N	150	150	N	30	N	150	N	--	--
PMF812S	15	N	150	100	N	20	500	150	N	--	--
PMF814S	15	N	N	150	N	10	<200	70	N	--	--

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMF815S	55 37 49	161 6 1	5.0	1.5	1.00	.50	1,000	N	N	N	30	200
PMF816S	55 37 48	161 5 43	3.0	1.5	1.00	.30	1,000	<.5	N	N	70	300
PMF817S	55 37 40	161 8 39	5.0	1.5	1.00	.50	700	N	N	N	10	200
PMF818S	55 37 13	161 8 37	5.0	1.5	1.50	.50	700	N	N	N	100	300
PMF819S	55 37 8	161 8 47	5.0	1.5	1.00	.50	1,000	N	N	N	100	300
PMF820S	55 48 7	159 53 59	3.0	1.5	1.00	.50	1,000	N	N	N	20	300
PMF821S	55 48 25	159 55 55	3.0	1.5	1.00	.50	1,000	N	N	N	20	200
PMF822S	55 49 28	159 55 47	5.0	1.5	1.00	.50	500	.5	N	N	10	300
PMF823S	55 49 54	159 53 45	5.0	1.5	.70	.30	200	.5	N	N	10	200
PMF824S	55 16 31	160 35 30	3.0	1.5	1.00	.50	1,000	N	N	N	20	200
PMF825S	55 16 27	160 35 27	5.0	1.5	.70	.50	1,000	N	N	N	15	200
PMF826S	55 17 22	160 36 49	5.0	1.5	.70	.30	700	<.5	N	N	20	200
PMF827S	55 34 47	160 53 56	2.0	1.0	.70	.20	700	N	N	N	15	200
PMF828S	55 37 37	161 0 25	5.0	1.0	.20	.30	700	N	N	N	30	300
PMF829S	55 36 8	161 3 20	5.0	1.5	1.00	.30	1,000	N	N	N	30	100
PMF830S	55 35 20	161 6 10	3.0	1.5	.70	.30	500	N	N	N	50	300
PMF831S	55 35 27	161 6 5	5.0	1.5	.70	.50	1,000	N	N	N	50	300
PMF832S	55 46 4	160 28 57	5.0	1.5	.70	.30	700	<.5	N	N	50	200
PMF833S	55 47 23	160 30 14	5.0	1.5	1.00	.50	500	N	N	N	20	200
PMF834S	55 46 50	160 35 34	5.0	1.0	1.00	.30	700	N	N	N	20	200
PMF835S	55 43 26	160 28 42	2.0	1.0	.20	.20	200	N	N	N	30	300
PMF836S	55 41 50	160 30 9	3.0	1.0	.15	.30	700	<.5	N	N	50	200
PMF837S	55 41 4	160 28 55	3.0	1.0	1.00	.30	1,000	N	N	N	20	200
PMF838S	55 42 15	160 26 32	5.0	1.0	.70	.30	500	N	N	N	30	300
PMF839S	55 36 28	160 23 22	3.0	1.0	.70	.30	700	N	N	N	30	500
PMF840S	55 36 24	160 23 28	3.0	1.0	.20	.30	700	<.5	N	N	30	300
PMF841S	55 36 10	160 27 18	3.0	.7	.20	.30	700	N	N	N	30	200
PMF843S	54 48 19	159 46 41	3.0	.7	.30	.30	500	.5	N	N	30	150
PMF844S	54 49 38	159 43 4	2.0	1.0	.70	.20	500	N	N	N	10	200
PMF845S	54 49 5	159 35 4	7.0	2.0	1.00	1.00	5,000	N	N	N	15	300
PMF846S	54 46 31	159 34 45	.7	.2	.30	.15	500	N	N	N	10	50
PMF847S	54 54 9	159 16 30	5.0	1.0	.70	1.00	1,500	N	N	N	50	300
PMF848S	55 40 48	160 54 11	5.0	1.0	2.00	.20	5,000	200.0	300	N	300	500
PMF849S	55 40 51	160 54 4	7.0	1.5	.50	.30	2,000	1.0	N	N	500	500
PMF851S	55 37 48	160 57 2	5.0	1.5	.70	.50	1,000	N	N	N	100	500
PMF852S	55 37 53	160 57 4	5.0	1.0	.50	.50	1,000	N	N	N	100	500
PMF853S	55 38 8	160 56 53	5.0	1.0	.50	.30	1,000	N	N	N	100	500
PMF854S	55 40 31	160 55 10	5.0	1.0	.50	.30	2,000	<.5	N	N	200	500
PMF855S	55 17 38	160 41 9	10.0	2.0	2.00	1.00	2,000	N	N	N	50	300
PMF856S	55 10 2	160 37 52	10.0	2.0	1.50	.70	1,500	N	N	N	50	500
PMF859S	55 7 58	160 4 15	7.0	2.0	1.50	.50	1,000	N	N	N	50	300
PMF860S	55 6 40	160 3 21	10.0	2.0	2.00	1.00	2,000	N	N	N	50	300
PMF861S	55 9 45	159 58 36	3.0	1.0	1.00	.30	1,000	N	N	N	<10	100
PMF863S	55 15 55	159 51 10	5.0	2.0	1.00	.50	1,000	N	N	N	100	500
PMF865S	55 6 35	159 35 40	10.0	2.0	1.50	.70	2,000	N	N	N	50	500
PMF866S	55 6 42	160 8 1	10.0	2.0	2.00	.70	1,000	N	N	N	50	300
PMF867S	55 5 33	160 3 10	10.0	2.0	2.00	.70	1,500	N	N	N	50	300
PMF868S	55 4 50	159 58 20	5.0	2.0	2.00	.50	1,000	N	N	N	20	300
PMF869S	55 3 5	160 0 12	7.0	2.0	2.00	.50	1,000	N	N	N	10	300
PMF872S	55 8 29	159 56 46	5.0	2.0	1.50	.50	1,500	N	N	N	30	300
PMF873S	55 8 38	159 55 29	7.0	1.5	1.50	.50	2,000	N	N	N	70	300
PMF875S	55 10 23	159 59 0	10.0	2.0	2.00	.70	3,000	N	N	N	50	300
PMF876S	55 9 8	159 57 53	10.0	1.5	2.00	.70	2,000	<.5	N	N	20	200
PMF877S	55 17 38	160 19 40	10.0	2.0	2.00	.70	2,000	N	N	N	20	150
PMF878S	55 20 7	160 21 17	10.0	5.0	5.00	.50	2,000	N	N	N	10	100
PMF879S	55 20 2	160 24 10	10.0	7.0	5.00	.50	2,000	N	N	N	10	150
PMF880S	55 19 13	160 25 11	15.0	3.0	2.00	.70	2,000	N	N	N	100	300
PMF881S	55 18 4	160 23 45	20.0	3.0	2.00	1.00	5,000	N	N	N	50	200
PMF882S	55 18 0	160 29 0	15.0	3.0	2.00	.70	2,000	N	N	N	50	200
PMF883S	55 18 38	160 28 59	20.0	3.0	2.00	1.00	3,000	N	N	N	20	200

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMF815S	N	N	N	50	100	30	N	N	N	30	10	N
PMF816S	N	N	N	30	70	30	N	N	N	30	100	N
PMF817S	N	N	N	20	70	20	N	N	N	20	10	N
PMF818S	N	N	N	30	70	50	N	N	N	20	15	N
PMF819S	N	N	N	30	100	30	N	N	N	30	15	N
PMF820S	<1.0	N	N	20	50	20	N	N	N	20	10	N
PMF821S	<1.0	N	N	20	50	30	N	N	N	30	50	N
PMF822S	<1.0	N	N	30	70	100	N	10	N	20	50	N
PMF823S	N	N	N	10	70	150	N	50	N	15	20	N
PMF824S	<1.0	N	N	15	20	30	N	N	N	10	20	N
PMF825S	N	N	N	20	70	30	N	N	N	15	30	N
PMF826S	N	N	N	20	50	30	N	N	N	15	20	N
PMF827S	<1.0	N	N	15	30	20	N	N	N	7	15	N
PMF828S	<1.0	N	N	30	100	50	N	N	N	50	20	N
PMF829S	N	N	N	20	70	30	N	N	N	20	15	N
PMF830S	<1.0	N	N	20	70	30	N	N	N	30	15	N
PMF831S	1.0	N	N	20	100	20	N	N	N	30	15	N
PMF832S	<1.0	N	N	15	70	50	N	N	N	20	30	N
PMF833S	<1.0	N	N	20	50	30	N	N	N	20	10	N
PMF834S	1.0	N	N	20	50	50	N	N	N	20	15	N
PMF835S	1.0	N	N	10	70	30	N	N	N	20	10	N
PMF836S	1.0	N	N	15	70	30	N	N	N	30	20	N
PMF837S	1.0	N	N	15	50	30	N	N	N	20	30	N
PMF838S	1.0	N	N	20	150	20	N	N	N	30	10	N
PMF839S	1.0	N	N	20	70	20	N	N	N	20	10	N
PMF840S	1.0	N	N	20	70	20	N	N	N	30	20	N
PMF841S	1.0	N	N	15	50	20	N	N	N	20	10	N
PMF843S	<1.0	N	N	10	30	30	N	N	N	15	30	N
PMF844S	<1.0	N	N	15	50	20	150	N	N	10	15	N
PMF845S	<1.0	N	N	20	150	7	N	N	N	10	10	N
PMF846S	1.0	N	N	N	<10	15	50	N	<20	10	10	N
PMF847S	<1.0	N	N	15	150	10	N	N	N	15	15	N
PMF848S	<1.0	N	N	30	20	100	N	5	N	20	200	N
PMF849S	<1.0	N	N	30	50	70	N	5	N	20	100	N
PMF851S	1.0	N	N	30	50	50	N	<5	N	50	20	N
PMF852S	1.0	N	N	30	100	50	N	<5	N	50	10	N
PMF853S	1.0	N	N	30	100	50	N	5	N	50	15	N
PMF854S	<1.0	N	N	30	20	30	N	5	N	10	50	N
PMF855S	<1.0	N	N	30	30	50	N	5	N	15	20	N
PMF856S	<1.0	<10	N	30	100	50	N	7	N	20	100	N
PMF859S	<1.0	N	N	30	50	50	N	<5	N	20	10	N
PMF860S	<1.0	N	N	30	100	50	N	<5	N	20	15	N
PMF861S	1.0	N	N	15	20	30	N	<5	N	5	<10	N
PMF863S	<1.0	N	N	30	150	50	N	<5	N	50	20	N
PMF865S	1.0	N	N	30	50	50	N	<5	N	15	20	N
PMF866S	<1.0	N	N	30	70	70	N	<5	N	20	20	N
PMF867S	1.0	N	N	30	70	50	N	<5	N	20	20	N
PMF868S	1.0	N	N	20	50	50	N	<5	N	20	20	N
PMF869S	1.0	N	N	20	50	50	N	5	N	15	15	N
PMF872S	1.0	N	N	30	20	50	N	<5	N	20	10	N
PMF873S	1.0	N	N	50	10	50	N	<5	N	20	10	N
PMF875S	<1.0	N	N	30	30	50	N	<5	N	15	20	N
PMF876S	<1.0	N	N	30	30	70	N	<5	N	20	10	N
PMF877S	<1.0	N	N	30	100	20	N	<5	N	10	<10	N
PMF878S	N	N	N	50	500	50	N	<5	N	50	<10	N
PMF879S	N	N	N	50	1,000	70	N	<5	N	50	<10	N
PMF880S	<1.0	N	N	50	150	100	N	<5	N	20	20	N
PMF881S	N	N	N	50	700	100	N	7	N	50	20	N
PMF882S	N	N	N	30	100	70	N	<5	N	30	20	N
PMF883S	<1.0	N	N	30	100	50	N	5	N	30	15	N

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	U-ppm f
PMF815S	20	N	300	200	N	20	200	70	N	--	--
PMF816S	20	N	300	200	N	20	<200	70	N	--	--
PMF817S	20	N	500	150	N	15	N	70	N	--	--
PMF818S	30	N	500	150	N	30	N	100	N	--	--
PMF819S	20	N	300	150	N	20	N	100	N	--	--
PMF820S	20	N	500	150	N	30	N	100	N	--	--
PMF821S	20	N	300	150	N	20	N	100	N	--	--
PMF822S	30	N	500	150	N	30	N	100	N	--	--
PMF823S	15	N	300	150	N	20	N	100	N	--	--
PMF824S	20	N	200	150	N	20	N	100	N	--	--
PMF825S	20	N	200	150	N	20	N	100	N	--	--
PMF826S	20	N	200	150	N	20	N	70	N	--	--
PMF827S	15	N	200	150	N	15	N	50	N	--	.25
PMF828S	20	N	150	150	N	30	N	100	N	--	--
PMF829S	20	N	200	150	N	20	N	50	N	--	--
PMF830S	20	N	300	100	N	20	N	100	N	--	--
PMF831S	20	N	300	150	N	20	<200	100	N	--	--
PMF832S	15	N	200	150	N	10	<200	50	N	--	--
PMF833S	20	N	200	150	N	20	N	70	N	--	--
PMF834S	20	N	300	150	N	20	N	10	N	--	--
PMF835S	15	N	200	100	N	10	N	100	N	--	.35
PMF836S	15	N	150	100	N	15	<200	70	N	--	.70
PMF837S	20	N	300	100	N	20	N	100	N	--	.20
PMF838S	20	N	200	150	N	20	N	100	N	--	--
PMF839S	20	N	200	100	N	20	N	100	N	--	--
PMF840S	20	N	150	100	N	20	N	100	N	--	--
PMF841S	15	N	150	150	N	15	N	70	N	--	--
PMF843S	20	N	200	150	N	20	N	70	N	--	--
PMF844S	20	N	200	100	N	20	N	70	N	--	--
PMF845S	50	N	N	100	N	500	N	150	N	--	--
PMF846S	7	N	N	30	N	10	N	100	N	--	--
PMF847S	30	N	200	100	N	50	N	300	N	--	--
PMF848S	15	N	N	200	N	20	700	150	N	--	--
PMF849S	20	N	<100	200	N	20	200	150	N	--	--
PMF851S	20	N	200	200	N	20	<200	150	N	--	--
PMF852S	15	N	100	200	N	20	<200	200	N	--	--
PMF853S	15	N	100	200	N	20	<200	200	N	--	--
PMF854S	10	N	100	150	N	20	500	70	N	--	--
PMF855S	20	N	500	500	N	20	500	200	N	--	--
PMF856S	30	N	500	300	N	20	<200	200	N	--	--
PMF859S	20	N	500	200	N	20	<200	100	N	--	--
PMF860S	30	N	500	300	N	20	300	100	N	--	--
PMF861S	20	N	300	200	N	20	<200	200	N	--	--
PMF863S	20	N	300	200	N	30	<200	200	N	--	--
PMF865S	20	N	300	200	N	100	<200	500	N	--	--
PMF866S	20	N	500	300	N	20	<200	100	N	--	--
PMF867S	30	N	500	300	N	30	<200	100	N	--	--
PMF868S	20	N	200	300	N	20	<200	100	N	--	--
PMF869S	20	N	500	200	N	20	<200	150	N	--	--
PMF872S	20	N	200	200	N	20	200	100	N	--	--
PMF873S	20	N	300	200	N	30	<200	100	N	--	--
PMF875S	30	N	300	200	N	20	200	100	N	--	--
PMF876S	30	N	200	200	N	30	200	100	N	--	--
PMF877S	30	N	200	500	N	10	200	50	N	--	--
PMF878S	50	N	200	500	N	10	200	30	N	--	--
PMF879S	50	N	500	300	N	10	200	50	N	--	--
PMF880S	50	N	500	500	N	30	200	100	N	--	--
PMF881S	50	N	150	1,000	N	20	300	70	N	--	--
PMF882S	30	N	300	500	N	20	200	100	N	--	--
PMF883S	30	N	500	1,000	N	20	500	150	N	--	--

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMF885S	55 11 39	160 40 43	10.0	3.0	3.00	.50	2,000	N	N	N	15	300
PMF886S	55 35 40	160 30 56	7.0	.5	.50	.70	500	N	N	N	100	200
PMF887S	55 35 51	160 30 52	5.0	1.0	.20	.50	500	<.5	N	N	200	200
PMF888S	55 37 19	160 32 25	7.0	.7	.20	.50	500	<.5	N	N	70	300
PMF889S	55 35 50	160 41 11	5.0	.5	.20	.50	500	<.5	N	N	70	200
PMF890S	55 40 40	160 52 5	5.0	1.0	.30	.50	1,000	N	N	N	150	500
PMF891S	55 8 3	159 59 4	5.0	1.0	1.00	.70	1,500	N	N	N	10	300
PMF893S	55 3 2	159 21 28	5.0	2.0	1.00	.50	1,500	N	N	N	20	500
PMF895S	54 56 24	159 16 38	5.0	2.0	1.50	.50	2,000	N	N	N	10	500
PMK601S	55 7 34	159 58 12	3.0	1.0	1.00	.50	1,500	N	N	N	10	200
PMK602S	55 6 29	159 53 1	5.0	2.0	.50	.70	1,500	N	N	N	100	700
PMK604S	55 19 15	160 31 36	10.0	2.0	3.00	.70	1,500	N	N	N	20	200
PMK610S	55 20 29	160 28 49	10.0	2.0	2.00	.50	1,500	N	N	N	50	500
PMK611S	55 22 3	160 31 48	10.0	2.0	2.00	.50	1,500	N	N	N	20	200
PMK612S	55 18 15	160 41 5	15.0	2.0	1.00	1.00	1,500	N	N	N	50	500
PMK616S	55 10 18	160 1 0	15.0	3.0	2.00	.70	1,500	N	N	N	50	500
PMK617S	55 10 13	159 55 42	10.0	1.5	2.00	.50	1,000	N	N	N	15	200
PMK618S	55 9 24	159 57 0	10.0	2.0	2.00	.50	1,000	N	N	N	70	500
PMK619S	55 17 30	160 20 18	15.0	3.0	3.00	.70	1,000	N	N	N	20	150
PMK620S	55 19 25	160 21 39	10.0	3.0	3.00	.50	1,000	N	N	N	10	100
PMK621S	55 20 9	160 24 9	10.0	5.0	3.00	.50	1,000	N	N	N	20	150
PMK622S	55 19 19	160 25 8	10.0	2.0	2.00	.50	1,500	N	N	N	50	300
PMK623S	55 17 26	160 23 19	5.0	2.0	1.50	.50	1,000	N	N	N	<10	100
PMK624S	55 17 25	160 25 0	10.0	2.0	2.00	.70	1,500	N	N	N	50	300
PMK625S	55 17 56	160 29 12	10.0	2.0	3.00	.70	2,000	N	N	N	50	200
PMK628S	55 21 9	160 34 38	20.0	3.0	3.00	1.00	2,000	N	N	N	50	300
PMK629S	55 10 16	160 46 50	15.0	3.0	3.00	1.00	3,000	N	N	N	10	200
PMK631S	55 9 55	160 39 8	5.0	1.5	.15	.70	500	N	N	N	70	1,000
PMK633S	55 35 50	160 29 50	15.0	1.5	.20	.70	1,000	<.5	N	N	200	300
PMK635S	55 37 8	160 29 15	7.0	1.5	1.00	.50	1,000	N	N	N	20	200
PMK636S	55 37 6	160 29 24	10.0	1.5	1.00	.50	1,500	N	N	N	20	200
PMK638S	55 37 52	160 36 53	5.0	1.0	.50	.50	1,000	N	N	N	20	700
PMK639S	55 35 52	160 40 42	5.0	1.0	.50	.70	1,000	N	N	N	50	700
PMK640S	55 36 19	160 44 15	3.0	1.0	.70	.50	1,000	N	N	N	70	500
PMK641S	55 40 20	160 53 23	5.0	5.0	2.00	.50	1,000	N	N	N	50	200
PMK642S	55 40 47	160 52 20	5.0	2.0	1.00	.50	1,000	N	N	N	100	500
PMK643S	55 42 20	160 54 52	3.0	1.0	.50	.50	700	N	N	N	100	700
PMK644S	55 40 49	160 56 3	5.0	2.0	.70	.50	2,000	.5	N	N	100	700
PMK645S	55 39 8	161 2 29	5.0	3.0	1.50	.50	2,000	N	N	N	70	300
PMK646S	55 9 0	159 59 10	5.0	2.0	1.50	.50	1,500	N	N	N	50	500
PMK648S	55 11 12	159 34 20	7.0	3.0	1.50	.70	2,000	N	N	N	30	500
PMK649S	55 3 37	159 22 32	3.0	1.0	1.00	.50	1,500	N	N	N	10	300
PMW201S	55 29 13	160 57 48	3.0	1.0	.50	.30	700	N	N	N	50	300
PMW202S	55 25 50	161 1 50	3.0	1.5	.50	.50	700	N	N	N	50	300
PMW203S	55 28 52	161 5 30	5.0	1.5	.70	.50	700	N	N	N	30	300
PMW204S	55 25 57	161 11 8	5.0	1.0	.50	.50	700	N	N	N	50	300
PMW205S	55 31 42	160 53 30	5.0	1.0	.50	.50	1,000	N	N	N	50	300
PMW206S	55 33 39	160 57 49	5.0	1.0	.20	.50	500	N	N	N	50	300
PMW207S	55 32 44	161 3 15	10.0	1.5	.30	1.00	1,000	N	N	N	50	200
PMW208S	55 32 58	161 7 20	5.0	1.0	.30	.50	700	N	N	N	50	200
PMW209S	55 30 59	161 9 8	5.0	1.0	.20	.50	700	N	N	N	70	300
PMW210S	55 28 35	161 18 31	5.0	1.0	.50	.50	1,000	N	N	N	20	300
PMW211S	55 33 28	160 54 14	5.0	1.0	.30	.50	1,000	N	N	N	50	300
PMW212S	55 37 50	160 54 35	3.0	.5	.10	.30	500	N	N	N	100	300
PMW213S	55 33 32	160 49 41	3.0	1.0	.30	.50	700	N	N	N	30	300
PMW214S	55 39 13	160 46 46	5.0	1.0	.10	.50	700	N	N	N	30	200
PMW215S	55 39 5	160 46 40	5.0	.5	.10	.50	700	N	N	N	100	500
PMW216S	55 39 8	160 46 29	5.0	.5	.10	.50	700	N	N	N	100	500
PMW217S	55 44 2	160 48 4	3.0	.5	.20	.30	500	N	N	N	70	300
PMW218S	55 44 32	160 50 16	3.0	1.0	.50	.50	700	N	N	N	20	300

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMF885S	<1.0	N	N	30	50	50	N	<5	N	20	20	N
PMF886S	<1.0	N	N	5	20	20	N	<5	N	5	50	N
PMF887S	<1.0	N	N	10	20	50	N	5	N	15	50	N
PMF888S	<1.0	N	N	7	20	15	N	N	N	5	150	N
PMF889S	<1.0	N	N	5	10	15	N	N	N	<5	50	N
PMF890S	1.0	N	N	30	50	100	N	N	N	50	20	N
PMF891S	2.0	N	N	20	20	30	N	N	N	20	10	N
PMF893S	1.0	N	N	20	20	30	N	N	N	10	10	N
PMF895S	2.0	N	N	20	10	30	N	N	N	5	<10	N
PMK601S	1.5	N	N	30	20	30	N	<5	N	20	<10	N
PMK602S	1.0	N	N	50	70	70	N	5	N	70	30	N
PMK604S	<1.0	N	N	30	50	50	N	5	N	20	100	N
PMK610S	<1.0	N	N	30	50	30	N	<5	N	20	<10	N
PMK611S	<1.0	N	N	30	50	30	N	<5	N	15	<10	N
PMK612S	<1.0	N	N	30	100	70	N	5	N	30	30	N
PMK616S	<1.0	N	N	50	100	70	N	5	N	30	30	N
PMK617S	1.0	N	N	20	30	50	N	<5	N	10	10	N
PMK618S	1.0	N	N	30	100	70	N	<5	N	30	20	N
PMK619S	N	N	N	50	500	70	N	5	N	30	<10	N
PMK620S	N	N	N	50	500	50	N	<5	N	30	<10	N
PMK621S	N	N	N	50	200	70	N	<5	N	20	10	N
PMK622S	<1.0	N	N	50	500	70	N	<5	N	30	30	N
PMK623S	<1.0	N	N	30	100	20	N	<5	N	10	N	N
PMK624S	<1.0	N	N	30	50	50	N	5	N	10	15	N
PMK625S	<1.0	N	N	30	50	50	N	<5	N	15	20	N
PMK628S	N	N	N	50	500	50	N	<5	N	30	20	N
PMK629S	N	N	N	50	500	50	N	<5	N	50	20	N
PMK631S	<1.0	N	N	<5	150	30	N	<5	N	5	20	N
PMK633S	<1.0	N	N	15	30	70	N	<5	N	7	70	N
PMK635S	<1.0	N	N	30	10	300	N	20	N	10	50	N
PMK636S	<1.0	N	N	50	20	100	N	10	N	15	50	N
PMK638S	1.0	N	N	20	20	20	N	N	N	20	10	N
PMK639S	1.0	N	N	30	50	30	N	N	N	20	20	N
PMK640S	1.0	N	N	30	100	50	N	N	N	30	10	N
PMK641S	<1.0	N	N	50	70	50	N	N	N	10	20	N
PMK642S	<1.0	N	N	20	50	20	N	N	N	30	20	N
PMK643S	<1.0	N	N	10	30	20	N	N	N	20	10	N
PMK644S	1.0	N	N	20	50	50	N	N	N	20	150	N
PMK645S	N	N	N	20	20	100	N	N	N	10	50	N
PMK646S	1.0	N	N	20	50	30	N	N	N	20	15	N
PMK648S	<1.0	N	N	30	50	30	N	N	N	20	15	N
PMK649S	2.0	N	N	15	10	30	N	N	N	7	10	N
PMW201S	N	N	N	15	70	30	N	N	N	20	20	N
PMW202S	N	N	N	20	150	30	N	N	N	50	20	N
PMW203S	N	N	N	20	300	70	N	N	N	50	10	N
PMW204S	N	N	N	20	100	50	N	N	N	20	20	N
PMW205S	N	N	N	20	100	50	N	N	N	20	20	N
PMW206S	N	N	N	20	100	70	N	N	N	50	20	N
PMW207S	N	N	N	30	150	50	N	N	N	20	20	N
PMW208S	N	N	N	20	100	70	N	N	N	30	20	N
PMW209S	N	N	N	20	100	70	N	N	N	30	30	N
PMW210S	N	N	N	20	50	70	N	N	N	20	10	N
PMW211S	N	N	N	20	50	50	N	10	N	20	20	N
PMW212S	N	N	N	20	100	70	N	N	N	50	20	N
PMW213S	N	N	N	20	70	50	N	N	N	30	20	N
PMW214S	N	N	N	20	100	50	N	10	N	30	20	N
PMW215S	N	N	N	20	100	50	N	N	N	50	30	N
PMW216S	N	N	N	20	100	70	N	N	N	50	50	N
PMW217S	N	N	N	15	100	70	N	N	N	30	10	N
PMW218S	N	N	N	15	70	20	N	<5	N	20	<10	N

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	U-ppm f
PMF885S	30	N	500	300	N	20	200	100	N	--	--
PMF886S	20	N	500	300	N	20	<200	200	N	--	--
PMF887S	20	N	100	300	N	20	<200	200	N	--	--
PMF888S	20	N	200	300	N	20	500	200	N	--	--
PMF889S	20	N	200	200	N	20	200	100	N	--	--
PMF890S	20	N	100	200	N	20	200	300	N	--	--
PMF891S	20	N	300	200	N	30	<200	100	N	--	--
PMF893S	20	N	200	200	N	100	<200	500	N	--	--
PMF895S	20	N	500	200	N	50	<200	200	N	--	--
PMK601S	15	N	100	200	N	20	<200	100	N	--	--
PMK602S	20	N	200	200	N	50	200	200	N	--	--
PMK604S	30	N	500	1,000	N	20	200	50	N	--	--
PMK610S	20	N	500	200	N	20	<200	100	N	--	--
PMK611S	20	N	500	300	N	20	<200	70	N	--	--
PMK612S	20	N	500	300	N	20	200	200	N	--	--
PMK616S	20	N	300	300	N	30	200	100	N	--	--
PMK617S	15	N	300	200	N	30	<200	150	N	--	--
PMK618S	20	N	500	200	N	30	200	200	N	--	--
PMK619S	50	N	300	1,000	N	20	200	50	N	--	--
PMK620S	30	N	500	500	N	15	200	50	N	--	--
PMK621S	30	N	500	500	N	20	200	50	N	--	--
PMK622S	30	N	300	500	N	20	200	100	N	--	--
PMK623S	20	N	200	500	N	15	200	70	N	--	--
PMK624S	30	N	200	200	N	20	200	100	N	--	--
PMK625S	30	N	500	200	N	20	200	100	N	--	--
PMK628S	50	N	500	500	N	20	200	150	N	--	--
PMK629S	50	N	500	700	N	20	200	70	N	--	--
PMK631S	20	N	150	300	N	20	<200	200	N	--	--
PMK633S	20	N	200	300	N	20	200	150	N	--	--
PMK635S	20	N	300	200	N	20	200	100	N	--	--
PMK636S	20	N	200	200	N	20	300	100	N	--	--
PMK638S	15	N	200	200	N	20	<200	100	N	--	--
PMK639S	20	N	200	200	N	20	200	200	N	--	--
PMK640S	20	N	200	200	N	20	200	200	N	--	--
PMK641S	30	N	500	300	N	30	200	100	N	--	--
PMK642S	20	N	300	200	N	20	200	200	N	--	--
PMK643S	15	N	300	100	N	20	<200	100	N	--	--
PMK644S	15	N	200	200	N	20	500	100	N	--	--
PMK645S	15	N	500	200	N	20	300	50	N	--	--
PMK646S	20	N	500	200	N	30	<200	100	N	--	--
PMK648S	30	N	500	300	N	50	200	200	N	--	--
PMK649S	20	N	200	200	N	30	<200	100	N	--	--
PMN201S	20	N	100	100	N	20	<200	70	N	--	--
PMN202S	20	N	200	100	N	20	<200	100	N	--	--
PMN203S	20	N	200	150	N	20	N	100	N	--	--
PMN204S	20	N	150	150	N	20	<200	200	N	--	--
PMN205S	20	N	100	150	N	20	<200	100	N	--	--
PMN206S	15	N	<100	100	N	15	N	100	N	--	--
PMN207S	15	N	<100	500	N	15	200	100	N	--	--
PMN208S	15	N	<100	150	N	10	<200	100	N	--	--
PMN209S	N	N	<100	150	N	20	N	150	N	--	--
PMN210S	15	N	100	100	N	20	<200	100	N	--	--
PMN211S	15	N	100	200	N	20	N	150	N	--	--
PMN212S	10	N	<100	100	N	20	N	100	N	--	--
PMN213S	15	N	<100	200	N	20	N	100	N	--	--
PMN214S	10	N	<100	200	N	10	N	150	N	--	--
PMN215S	15	N	<100	150	N	10	N	150	N	--	--
PMN216S	15	N	<100	150	N	20	<200	100	N	--	--
PMN217S	7	N	<100	150	N	<10	N	70	N	--	--
PMN218S	10	N	300	100	N	10	N	50	N	--	--

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMW219S	55 47 11	160 52 27	5.0	1.0	.20	.50	700	N	N	N	20	300
PMW220S	55 54 22	161 43 32	10.0	2.0	.20	1.00	1,500	N	N	N	N	<20
PMW221S	55 51 12	161 52 0	15.0	1.5	.10	1.00	1,000	N	N	N	N	<20
PMW222S	55 46 35	161 52 38	10.0	2.0	1.00	.70	1,500	N	N	N	20	300
PMW223S	55 43 29	161 47 37	10.0	2.0	.70	1.00	1,500	N	N	N	15	100
PMW224S	55 34 48	160 43 31	5.0	.5	.20	.50	1,000	N	N	N	20	500
PMW225S	55 37 51	160 42 37	10.0	.5	.10	.20	1,000	2.0	N	N	15	200
PMW226S	55 40 5	160 40 40	10.0	1.0	.50	.50	1,000	.5	N	N	30	300
PMW227S	55 39 41	160 36 30	7.0	1.0	.50	.70	1,000	N	N	N	20	300
PMW228S	55 39 40	160 36 42	5.0	1.0	.30	.50	1,000	N	N	N	30	500
PMW229S	55 36 25	160 36 50	5.0	1.0	.50	.50	1,000	N	N	N	50	500
PMW230S	55 36 23	160 36 56	5.0	1.5	.50	.50	1,500	N	N	N	100	500
PMW231S	55 18 40	160 30 53	5.0	1.5	.70	.50	1,000	N	N	N	20	300
PMW232S	55 20 28	160 24 27	7.0	2.0	1.00	.50	1,000	N	N	N	10	70
PMW233S	55 19 53	160 20 55	7.0	2.0	1.00	.70	1,000	N	N	N	10	100
PMW234S	55 19 58	160 28 29	7.0	1.0	.70	.50	1,000	N	N	N	20	300
PMW235S	55 36 14	160 33 15	3.0	.7	.10	.50	500	<.5	N	N	70	200
PMW236S	55 37 28	160 33 0	7.0	1.0	.50	.70	1,000	N	N	N	20	200
PMW237S	55 35 3	160 32 13	7.0	1.0	.50	.50	1,000	<.5	N	N	50	300
PMW238S	55 35 46	160 29 3	7.0	.7	.10	.70	500	N	N	N	50	200
PMW239S	55 36 28	160 27 33	5.0	.7	.20	.50	1,000	N	N	N	20	200
PMW240S	55 34 46	160 27 57	7.0	1.0	.50	.50	1,000	N	N	N	20	200
PMW241S	55 48 47	160 1 26	5.0	1.0	.30	.50	1,000	N	N	N	30	500
PMW242S	55 47 43	160 2 17	5.0	1.5	1.00	.50	1,000	N	N	N	20	500
PMW243S	55 49 19	160 4 46	5.0	1.5	.70	.50	1,000	N	N	N	15	300
PMW244S	55 50 57	160 8 32	7.0	1.0	.70	.50	1,000	N	N	N	20	700
PMW245S	55 49 46	160 16 25	5.0	1.0	.50	.50	1,000	N	N	N	<10	500
PMW246S	55 47 50	160 13 56	5.0	1.0	.70	.50	1,000	N	N	N	10	500
PMW247S	55 46 58	160 11 31	10.0	1.0	.70	1.00	1,000	N	N	N	10	300
PMW248S	55 47 53	160 9 12	5.0	1.0	.50	.50	1,000	N	N	N	10	300
PMW249S	55 45 14	160 6 25	7.0	1.5	1.00	.50	1,000	N	N	N	10	300
PMW250S	55 44 39	160 9 21	5.0	1.0	.30	.50	700	N	N	N	30	300
PMW251S	55 42 19	160 8 30	7.0	1.5	.30	.50	1,000	N	N	N	200	500
PMW252S	55 40 31	160 10 2	5.0	1.0	.20	.50	1,000	N	N	N	50	500
PMW253S	55 40 31	160 9 54	5.0	1.5	.30	.50	1,000	N	N	N	20	300
PMW254S	55 42 29	160 14 10	5.0	2.0	.70	.50	1,000	N	N	N	10	300
PMW255S	55 42 28	160 13 56	5.0	2.0	1.00	.50	1,000	N	N	N	200	300
PMW256S	55 44 21	160 16 20	7.0	3.0	1.00	.50	1,000	N	N	N	20	300
PMW257S	55 17 28	160 34 42	7.0	1.5	.70	.70	1,000	N	N	N	10	300
PMW258S	55 22 32	160 34 54	7.0	1.5	.70	.50	1,000	N	N	N	20	300
PMW259S	55 18 30	160 39 0	10.0	1.5	.30	.70	1,000	N	N	N	50	200
PMW260S	55 50 29	160 43 41	5.0	.5	.50	.50	700	N	N	N	20	500
PMW261S	55 49 10	160 39 15	3.0	.7	.30	.50	700	N	N	N	10	500
PMW262S	55 47 39	160 36 28	5.0	1.0	1.00	.50	1,000	N	N	N	50	700
PMW263S	55 50 38	160 31 21	5.0	1.0	.50	.70	700	N	N	N	20	500
PMW264S	55 48 27	160 24 9	7.0	1.5	.70	.70	1,000	N	N	N	10	300
PMW265S	55 46 0	160 15 32	7.0	1.5	.70	.50	1,000	N	N	N	20	500
PMW266S	55 45 46	160 24 54	3.0	1.0	.50	.50	500	N	N	N	20	500
PMW267S	55 45 40	160 25 0	5.0	1.0	.20	.50	700	N	N	N	20	500
PMW268S	55 46 46	160 27 52	5.0	1.0	.30	.50	700	N	N	N	20	500
PMW269S	55 44 45	160 29 40	3.0	.7	.10	.30	700	.5	N	N	20	500
PMW270S	55 44 12	160 29 8	5.0	1.0	.30	.50	1,000	N	N	N	20	300
PMW271S	55 44 38	160 35 43	3.0	1.0	.30	.50	700	N	N	N	50	300
PMW272S	55 41 53	160 36 35	5.0	2.0	.50	.50	1,000	N	N	N	100	700
PMW273S	55 42 0	160 36 8	5.0	1.5	.50	.50	1,000	N	N	N	50	700
PMW274S	55 19 8	160 36 0	7.0	1.5	.50	1.00	700	N	N	N	20	500
PMW275S	55 20 8	160 41 6	7.0	2.0	1.00	1.00	1,000	N	N	N	10	300
PMW276S	55 24 1	160 41 38	5.0	2.0	2.00	.70	700	N	N	N	<10	300
PMW277S	55 21 58	160 44 48	10.0	2.0	.70	>1.00	1,000	N	N	N	<10	300
PMW278S	55 21 40	160 44 40	10.0	2.0	1.50	>1.00	1,000	N	N	N	<10	300

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMW219S	N	N	N	20	100	20	N	N	N	15	10	N
PMW220S	N	N	N	100	70	20	N	N	N	20	N	N
PMW221S	N	N	N	150	200	50	N	N	N	50	N	N
PMW222S	N	N	N	50	100	100	N	N	N	20	20	N
PMW223S	N	N	N	50	150	70	N	N	N	20	<10	N
PMW224S	N	N	N	15	50	100	N	N	N	20	20	N
PMW225S	N	N	N	20	100	200	N	50	N	30	150	N
PMW226S	N	N	N	20	100	500	N	50	N	50	100	N
PMW227S	N	N	N	30	70	70	N	N	N	30	20	N
PMW228S	N	N	N	20	100	100	N	N	N	20	70	N
PMW229S	1.0	N	N	20	50	30	N	N	N	15	30	N
PMW230S	1.0	N	N	30	50	100	N	N	N	20	50	N
PMW231S	N	N	N	20	50	70	N	N	N	15	20	N
PMW232S	N	N	N	50	500	100	N	N	N	50	<10	N
PMW233S	N	N	N	50	150	100	N	N	N	20	10	N
PMW234S	N	N	N	20	100	50	N	<5	N	15	20	N
PMW235S	N	N	N	10	30	100	N	20	N	15	70	N
PMW236S	N	N	N	30	70	70	N	<5	N	20	50	N
PMW237S	N	N	N	20	30	100	N	<5	N	10	50	N
PMW238S	N	N	N	10	30	70	N	<5	N	10	70	N
PMW239S	N	N	N	50	20	100	N	<5	N	10	70	N
PMW240S	N	N	N	70	50	70	N	<5	N	20	70	N
PMW241S	N	N	N	20	100	50	N	<5	N	20	20	N
PMW242S	N	N	N	20	50	70	N	N	N	15	20	N
PMW243S	N	N	N	20	30	70	N	N	N	15	10	N
PMW244S	N	N	N	20	50	100	N	N	N	10	20	N
PMW245S	N	N	N	15	50	30	N	N	N	10	10	N
PMW246S	N	N	N	15	150	100	N	N	N	10	20	N
PMW247S	N	N	N	30	70	100	N	10	N	15	70	N
PMW248S	N	N	N	20	20	20	N	N	N	10	10	N
PMW249S	N	N	N	20	30	50	N	N	N	10	50	N
PMW250S	N	N	N	20	70	50	N	N	N	20	30	N
PMW251S	N	N	N	30	100	150	N	10	N	30	100	N
PMW252S	N	N	N	20	100	20	N	N	N	15	20	N
PMW253S	N	N	N	20	150	20	N	N	N	15	30	N
PMW254S	N	N	N	20	100	30	N	N	N	50	20	N
PMW255S	N	N	N	30	200	70	N	<5	N	70	30	N
PMW256S	N	N	N	50	200	70	N	N	N	100	20	N
PMW257S	N	N	N	30	100	20	N	N	N	10	20	N
PMW258S	N	N	N	20	70	10	N	10	N	10	20	N
PMW259S	N	N	N	30	70	30	N	N	N	10	20	N
PMW260S	N	N	N	15	200	10	N	N	N	15	<10	N
PMW261S	N	N	N	10	100	10	N	N	N	15	<10	N
PMW262S	1.0	N	N	15	50	30	N	N	N	20	20	N
PMW263S	N	N	N	20	150	20	N	N	N	20	20	N
PMW264S	N	N	N	20	70	10	N	N	N	15	<10	N
PMW265S	N	N	N	30	50	30	N	N	N	15	100	N
PMW266S	N	N	N	20	100	20	N	N	N	20	10	N
PMW267S	N	N	N	20	100	20	N	<5	N	20	20	N
PMW268S	N	N	N	30	100	50	N	N	N	20	50	N
PMW269S	N	N	N	15	100	50	N	N	N	20	150	N
PMW270S	N	N	N	50	70	100	N	N	N	30	70	N
PMW271S	N	N	N	20	70	50	N	N	N	20	20	N
PMW272S	<1.0	N	N	50	100	100	N	<5	N	20	50	N
PMW273S	<1.0	N	N	30	70	15	N	N	N	15	30	N
PMW274S	N	N	N	30	100	10	N	N	N	15	20	N
PMW275S	N	N	N	30	150	10	N	N	N	15	20	N
PMW276S	N	N	N	20	50	5	N	N	N	10	10	N
PMW277S	N	N	N	50	70	10	N	N	N	15	30	N
PMW278S	N	N	N	20	150	5	N	N	N	10	20	N

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	U-ppm f
PMW219S	10	N	100	200	N	10	<200	150	N	--	--
PMW220S	30	N	N	1,000	N	20	700	100	N	--	--
PMW221S	30	N	N	700	N	20	2,000	20	N	--	--
PMW222S	50	N	200	300	N	30	200	100	N	--	--
PMW223S	50	N	100	500	N	20	300	50	N	--	--
PMW224S	10	N	100	200	N	20	<200	200	N	--	--
PMW225S	10	N	N	200	N	<10	300	50	N	--	--
PMW226S	20	N	100	200	N	10	200	100	N	--	--
PMW227S	20	N	100	300	N	20	200	200	N	--	--
PMW228S	10	N	100	100	N	20	300	100	N	--	--
PMW229S	20	N	300	200	N	50	N	200	N	--	--
PMW230S	20	N	300	200	N	50	200	300	N	--	--
PMW231S	20	N	300	200	N	20	<200	100	N	--	--
PMW232S	30	N	300	300	N	10	<200	20	N	--	--
PMW233S	20	N	300	500	N	10	200	100	N	--	--
PMW234S	20	N	300	200	N	10	<200	100	N	--	--
PMW235S	10	10	100	200	N	10	N	150	N	--	--
PMW236S	20	N	200	200	N	20	<200	150	N	--	--
PMW237S	20	N	200	200	N	20	<200	100	N	--	--
PMW238S	15	N	100	200	N	15	<200	150	N	--	--
PMW239S	10	N	100	200	N	20	200	100	N	--	--
PMW240S	20	N	100	200	N	20	<200	100	N	--	--
PMW241S	20	N	200	200	N	20	N	150	N	--	--
PMW242S	20	N	200	200	N	30	<200	150	N	--	--
PMW243S	20	N	200	200	N	30	N	100	N	--	--
PMW244S	20	N	150	150	N	30	<200	150	N	--	--
PMW245S	20	N	<100	150	N	30	<200	150	N	--	--
PMW246S	20	N	150	150	N	10	<200	50	N	--	--
PMW247S	30	N	200	300	N	50	200	100	N	--	--
PMW248S	15	N	150	100	N	50	N	100	N	--	--
PMW249S	20	N	200	200	N	50	<200	100	N	--	--
PMW250S	15	N	150	200	N	20	<200	100	N	--	--
PMW251S	20	N	150	200	N	30	N	100	N	--	--
PMW252S	20	N	100	200	N	20	N	100	N	--	--
PMW253S	20	N	100	200	N	20	N	100	N	--	--
PMW254S	20	N	200	200	N	30	N	100	N	--	--
PMW255S	30	N	300	200	N	50	N	100	N	--	--
PMW256S	30	N	300	200	N	30	N	100	N	--	--
PMW257S	20	N	200	300	N	20	<200	100	N	--	--
PMW258S	20	N	300	200	N	20	N	70	N	--	--
PMW259S	20	N	100	300	N	20	<200	100	N	--	--
PMW260S	10	N	200	150	N	50	N	500	N	--	--
PMW261S	10	N	200	150	N	20	N	500	N	--	--
PMW262S	20	N	500	200	N	30	N	300	N	--	--
PMW263S	20	N	200	200	N	20	N	200	N	--	--
PMW264S	20	N	300	200	N	20	N	100	N	--	--
PMW265S	20	N	200	200	N	50	N	100	N	--	--
PMW266S	20	N	200	150	N	20	N	100	N	--	--
PMW267S	20	N	200	150	N	30	N	100	N	--	--
PMW268S	20	N	200	200	N	20	N	150	N	--	--
PMW269S	10	N	100	100	N	15	<200	100	N	--	--
PMW270S	20	N	100	150	N	20	200	100	N	--	--
PMW271S	10	N	100	150	N	20	N	150	N	--	--
PMW272S	30	N	500	200	N	50	<200	200	N	--	--
PMW273S	20	N	500	200	N	50	N	200	N	--	--
PMW274S	20	N	500	300	N	20	<200	100	N	--	--
PMW275S	20	N	500	200	N	20	<200	150	N	--	--
PMW276S	20	N	500	150	N	700	N	70	N	--	--
PMW277S	20	N	300	200	N	20	<200	150	N	--	--
PMW278S	20	N	500	200	N	20	<200	150	N	--	--

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMW279S	55 18 30	160 44 45	10.0	2.0	1.00	>1.00	1,000	N	N	N	<10	500
PMW280S	55 14 20	160 35 24	10.0	2.0	1.00	1.00	1,000	N	N	N	10	500
PMW281S	55 14 27	160 35 26	10.0	2.0	.70	.70	1,000	N	N	N	<10	700
PMW282S	55 14 45	160 34 34	7.0	2.0	1.00	1.00	1,000	N	N	N	<10	300
PMW283S	55 13 17	160 32 0	10.0	3.0	1.50	1.00	1,000	N	N	N	<10	500
PMW284S	55 13 40	160 33 41	7.0	2.0	.70	.70	1,000	N	N	N	<10	500
PMW285S	55 12 5	160 35 30	7.0	3.0	1.00	1.00	1,000	N	N	N	<10	500
PMW286S	55 12 0	160 35 32	10.0	2.0	1.50	1.00	1,500	N	N	N	<10	500
PMW287S	55 11 58	160 35 27	10.0	2.0	1.00	1.00	1,000	N	N	N	<10	500
PMW288S	55 11 20	160 33 20	10.0	2.0	1.00	1.00	1,000	1.0	N	N	<10	500
PMW289S	55 10 10	160 33 55	7.0	2.0	1.00	1.00	1,000	N	N	N	<10	500
PMW290S	55 10 10	160 34 9	10.0	3.0	1.00	1.00	1,000	N	N	N	<10	500
PMW291S	55 15 51	160 37 17	7.0	2.0	1.00	.70	1,000	N	N	N	<10	500
PMW292S	55 16 39	160 38 9	5.0	1.5	1.00	.50	1,000	N	N	N	10	300
PMW293S	55 15 22	160 42 25	5.0	1.5	1.00	1.00	1,000	N	N	N	20	700
PMW294S	55 14 42	160 42 40	10.0	2.0	1.00	1.00	1,000	N	N	N	<10	300
PMW295S	55 14 18	160 44 6	7.0	1.0	.70	>1.00	1,000	N	N	N	<10	700
PMW296S	55 13 12	160 44 57	10.0	2.0	2.00	>1.00	1,000	N	N	N	10	700
PMW297S	55 11 47	160 45 19	10.0	1.5	.70	>1.00	1,000	N	N	N	<10	500
PMW298S	55 9 3	160 48 24	10.0	2.0	2.00	1.00	1,000	N	N	N	10	700
PMW299S	55 14 28	160 49 58	7.0	2.0	2.00	1.00	1,000	N	N	N	10	700
PMW300S	55 12 13	160 47 21	7.0	1.5	1.50	1.00	1,000	N	N	N	20	700
PMW301S	55 12 49	160 40 40	10.0	2.0	1.50	1.00	1,000	N	N	N	20	500
PMW302S	55 12 47	160 40 30	7.0	2.0	1.50	1.00	1,000	N	N	N	20	500
PMW303S	55 12 40	160 39 43	7.0	1.5	.70	.70	1,000	N	N	N	20	500
PMW304S	55 10 12	160 39 28	10.0	2.0	2.00	1.00	1,000	N	N	N	<10	500
PMW305S	55 11 27	160 32 55	7.0	2.0	1.00	.70	1,000	N	N	N	<10	700
PMW306S	55 13 14	160 35 29	7.0	2.0	2.00	1.00	1,500	N	N	N	10	500
PMW307S	55 13 18	160 35 32	7.0	2.0	.70	.70	1,000	N	N	N	20	500
PMW308S	55 18 57	160 41 44	7.0	2.0	1.00	.70	1,000	N	N	N	10	700
PMW309S	55 17 42	160 49 52	10.0	3.0	2.00	1.00	1,500	N	N	N	<10	300
PMW310S	55 36 13	161 19 40	7.0	1.5	1.00	.50	1,000	1.0	N	N	20	500
PMW311S	55 41 49	161 12 20	10.0	1.5	1.00	1.00	1,000	N	N	N	10	700
PMW312S	55 41 47	161 12 33	7.0	1.5	1.00	.70	1,000	N	N	N	10	300
PMW313S	55 40 40	161 6 40	10.0	1.5	.50	1.00	1,000	N	N	N	50	300
PMW314S	55 40 43	161 6 45	10.0	1.5	1.00	1.00	1,000	N	N	N	30	300
PMW315S	55 44 59	161 3 49	7.0	2.0	1.00	1.00	1,000	N	N	N	10	300
PMW316S	55 45 39	161 14 49	7.0	1.0	.70	.70	1,000	N	N	N	10	500
PMW317S	55 45 42	161 14 30	7.0	1.0	.70	1.00	1,000	N	N	N	20	300
PMW318S	55 48 0	161 8 35	7.0	1.0	.50	1.00	1,000	N	N	N	<10	300
PMW319S	55 48 12	160 57 13	7.0	1.5	.70	1.00	1,000	N	N	N	20	500
PMW320S	55 31 39	160 55 35	3.0	1.0	.20	.50	700	N	N	N	20	500
PMW321S	55 30 42	160 48 42	10.0	1.5	.70	1.00	1,000	N	N	N	<10	200
PMW322S	55 30 58	160 47 49	10.0	2.0	1.00	1.00	1,000	N	N	N	30	700
PMW323S	55 19 2	160 2 0	7.0	2.0	1.00	1.00	1,000	N	N	N	10	300
PMW324S	55 20 36	160 4 43	7.0	1.0	1.00	.70	>5,000	N	N	N	200	700
PMW325S	55 24 32	160 12 45	7.0	3.0	2.00	1.00	1,500	N	N	N	20	500
PMW326S	55 25 58	160 11 15	10.0	3.0	3.00	>1.00	2,000	N	N	N	20	500
PMW327S	55 26 34	160 9 48	10.0	3.0	2.00	1.00	1,500	N	N	N	20	500
PMW328S	55 25 39	160 14 47	10.0	3.0	1.00	1.00	1,000	N	N	N	20	500
PMW329S	55 25 6	160 15 49	10.0	3.0	2.00	1.00	1,500	N	N	N	<10	500
PMW330S	55 24 39	160 20 10	10.0	5.0	2.00	1.00	1,500	N	N	N	10	500
PMW331S	55 24 52	160 20 17	10.0	5.0	2.00	1.00	1,500	N	N	N	<10	500
PMW332S	55 18 38	160 25 55	10.0	2.0	1.50	1.00	1,500	N	N	N	10	500
PMW333S	55 31 43	161 5 10	5.0	1.5	.50	1.00	1,000	N	N	N	10	700
PMW334S	55 32 37	161 11 34	10.0	2.0	.50	1.00	1,000	N	N	N	20	500
PMW335S	55 31 20	161 23 26	7.0	2.0	1.00	1.00	1,500	N	N	N	10	700
PMW336S	55 31 18	161 23 34	7.0	2.0	1.00	1.00	1,500	N	N	N	20	500
PMW337S	55 28 30	161 25 53	7.0	2.0	1.00	1.00	1,500	N	N	N	10	500
PMW338S	55 28 26	161 26 5	7.0	3.0	1.00	1.00	1,500	N	N	N	10	300

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm 5	Bi-ppm 5	Cd-ppm 5	Co-ppm 5	Cr-ppm 5	Cu-ppm 5	La-ppm 5	Mo-ppm 5	Nb-ppm 5	Ni-ppm 5	Pb-ppm 5	Sb-ppm 5
PMW279S	N	N	N	50	100	10	N	N	N	20	20	N
PMW280S	N	N	N	50	70	30	N	N	N	15	20	N
PMW281S	N	N	N	50	150	100	N	<5	N	20	100	N
PMW282S	N	N	N	30	70	70	N	N	N	10	20	N
PMW283S	N	N	N	30	150	30	N	10	N	20	30	N
PMW284S	N	N	N	20	50	10	N	N	N	5	20	N
PMW285S	N	N	N	50	200	20	N	N	N	50	20	N
PMW286S	N	N	N	50	300	50	N	N	N	50	20	N
PMW287S	N	N	N	50	200	50	N	N	N	20	20	N
PMW288S	N	N	N	50	200	100	N	N	N	20	150	N
PMW289S	N	N	N	20	70	20	N	N	N	10	20	N
PMW290S	N	N	N	50	150	50	N	N	N	20	20	N
PMW291S	N	N	N	20	30	150	N	<5	N	10	100	N
PMW292S	<1.0	N	N	20	30	100	N	10	N	10	50	N
PMW293S	<1.0	N	N	20	50	20	N	N	N	10	50	N
PMW294S	N	N	N	50	150	50	N	N	N	20	20	N
PMW295S	N	N	N	20	30	10	N	N	N	10	30	N
PMW296S	N	N	N	30	150	20	N	N	<20	20	20	N
PMW297S	N	N	N	50	100	10	N	N	N	20	30	N
PMW298S	<1.0	N	N	20	100	20	N	20	N	20	30	N
PMW299S	<1.0	N	N	30	70	10	N	N	N	15	20	N
PMW300S	N	N	N	20	30	5	N	10	N	10	20	N
PMW301S	N	N	N	30	100	50	N	N	N	15	30	N
PMW302S	N	N	N	30	100	20	N	N	N	15	30	N
PMW303S	N	N	N	20	70	70	N	N	N	10	70	N
PMW304S	N	N	N	50	200	200	N	N	N	20	200	N
PMW305S	<1.0	N	N	20	100	50	N	<5	N	15	30	N
PMW306S	N	N	N	50	500	70	N	5	N	20	50	N
PMW307S	N	N	N	30	50	70	N	N	N	15	30	N
PMW308S	<1.0	N	N	30	150	50	N	N	N	20	20	N
PMW309S	N	N	N	50	200	70	N	N	N	50	20	N
PMW310S	N	N	N	20	70	5	N	N	N	15	20	N
PMW311S	N	N	N	30	150	10	N	N	N	15	20	N
PMW312S	<1.0	N	N	30	100	20	N	N	N	15	10	N
PMW313S	N	N	N	30	100	20	N	N	N	20	20	N
PMW314S	N	N	N	30	100	5	N	N	N	15	10	N
PMW315S	N	N	N	30	100	5	N	N	N	15	20	N
PMW316S	N	N	N	20	200	10	N	<5	N	15	10	N
PMW317S	N	N	N	20	70	10	N	<5	N	15	10	N
PMW318S	N	N	N	30	100	10	N	N	N	10	<10	N
PMW319S	N	N	N	30	100	10	N	N	N	15	20	N
PMW320S	<1.0	N	N	15	100	50	N	N	N	15	20	N
PMW321S	N	N	N	50	100	20	N	N	N	10	<10	N
PMW322S	<1.0	N	N	50	70	10	N	5	N	15	20	N
PMW323S	N	N	N	50	30	10	N	<5	N	15	20	N
PMW324S	1.0	N	N	20	50	70	N	N	N	15	70	N
PMW325S	N	N	N	30	150	20	N	10	N	20	50	N
PMW326S	N	N	N	50	150	50	N	10	N	20	20	N
PMW327S	N	N	N	50	200	50	N	N	N	20	20	N
PMW328S	N	N	N	50	200	20	N	N	N	20	20	N
PMW329S	N	N	N	50	100	50	N	20	N	20	20	N
PMW330S	N	N	N	50	70	50	N	N	N	20	20	N
PMW331S	N	N	N	50	100	20	N	15	N	15	20	N
PMW332S	N	N	N	30	100	20	N	<5	N	15	20	N
PMW333S	<1.0	N	N	20	70	30	N	<5	N	15	10	N
PMW334S	N	N	N	20	100	30	N	<5	N	20	10	N
PMW335S	<1.0	N	N	30	50	15	N	5	N	15	10	N
PMW336S	<1.0	N	N	30	50	20	N	10	N	15	10	N
PMW337S	N	N	N	20	50	15	N	N	N	10	10	N
PMW338S	<1.0	N	N	30	100	30	N	<5	N	15	15	N

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	U-ppm f
PMW279S	20	N	500	200	N	20	<200	150	N	--	--
PMW280S	20	N	300	500	N	30	N	150	N	--	--
PMW281S	20	N	200	500	N	20	200	100	N	--	--
PMW282S	20	N	300	300	N	20	<200	100	N	--	--
PMW283S	30	N	300	500	N	20	<200	200	N	--	--
PMW284S	15	N	300	200	N	20	N	100	N	--	--
PMW285S	50	N	300	500	N	20	<200	100	N	--	--
PMW286S	50	N	300	1,000	N	20	<200	100	N	--	--
PMW287S	20	N	300	500	N	20	<200	100	N	--	--
PMW288S	20	10	300	500	N	20	200	100	N	--	--
PMW289S	20	N	300	300	N	20	N	200	N	--	--
PMW290S	30	N	300	500	N	20	<200	100	N	--	--
PMW291S	20	N	300	300	N	30	<200	100	N	--	--
PMW292S	20	N	300	200	N	20	<200	50	N	--	--
PMW293S	20	N	500	200	N	30	<200	200	N	--	--
PMW294S	30	N	500	500	N	30	<200	100	N	--	--
PMW295S	20	N	300	200	N	20	<200	200	N	--	--
PMW296S	30	N	500	300	N	30	<200	200	N	--	--
PMW297S	30	N	300	500	N	20	<200	50	N	--	--
PMW298S	30	N	500	300	N	30	<200	200	N	--	--
PMW299S	20	N	500	200	N	30	<200	150	N	--	--
PMW300S	20	N	500	200	N	20	N	150	N	--	--
PMW301S	20	N	300	300	N	20	<200	70	N	--	--
PMW302S	20	N	300	300	N	20	<200	100	N	--	--
PMW303S	20	N	200	300	N	20	<200	100	N	--	--
PMW304S	50	N	500	500	N	30	200	100	N	--	--
PMW305S	20	N	300	300	N	20	<200	100	N	--	--
PMW306S	30	N	300	300	N	30	<200	150	N	--	--
PMW307S	20	N	200	200	N	30	<200	100	N	--	--
PMW308S	20	N	500	200	N	20	<200	100	N	--	--
PMW309S	30	N	300	500	N	30	<200	100	N	--	--
PMW310S	15	N	300	300	N	20	<200	100	N	--	--
PMW311S	20	N	500	500	N	20	<200	300	N	--	--
PMW312S	15	N	500	200	N	20	<200	100	N	--	--
PMW313S	15	N	200	200	N	20	<200	100	N	--	--
PMW314S	20	N	500	500	N	20	<200	100	N	--	--
PMW315S	20	N	500	300	N	20	<200	200	N	--	--
PMW316S	15	N	300	200	N	20	<200	100	N	--	--
PMW317S	20	N	300	200	N	30	<200	500	N	--	--
PMW318S	20	N	200	300	N	20	<200	100	N	--	--
PMW319S	20	N	300	300	N	20	<200	150	N	--	--
PMW320S	10	N	200	200	N	20	<200	100	N	--	--
PMW321S	20	N	200	500	N	20	<200	50	N	--	--
PMW322S	20	N	500	300	N	30	<200	500	N	--	--
PMW323S	20	N	500	300	N	20	<200	100	N	--	--
PMW324S	20	N	200	200	N	20	N	200	N	--	--
PMW325S	50	N	500	500	N	50	<200	150	N	--	--
PMW326S	50	N	500	500	N	50	<200	150	N	--	--
PMW327S	50	N	500	500	N	30	<200	100	N	--	--
PMW328S	30	N	300	700	N	20	<200	100	N	--	--
PMW329S	50	N	300	1,500	N	20	<200	100	N	--	--
PMW330S	50	N	300	1,000	N	20	<200	100	N	--	--
PMW331S	50	N	300	1,000	N	20	<200	100	N	--	--
PMW332S	30	N	300	700	N	20	<200	100	N	--	--
PMW333S	20	N	200	200	N	50	N	150	N	--	--
PMW334S	15	N	200	300	N	20	N	100	N	--	--
PMW335S	20	N	300	300	N	30	N	150	N	--	--
PMW336S	20	N	300	300	N	30	N	200	N	--	--
PMW337S	20	N	300	300	N	30	N	150	N	--	--
PMW338S	20	N	300	300	N	30	N	150	N	--	--

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMW339S	55 36 33	160 48 26	7.0	1.5	.30	1.00	1,500	N	N	N	100	700
PMW340S	55 46 14	160 42 1	5.0	2.0	.70	1.00	1,000	N	N	N	30	1,000
PMW341S	55 29 20	160 29 50	10.0	3.0	1.50	1.00	1,500	N	N	N	<10	300
PMW342S	55 29 29	160 29 40	10.0	2.0	.70	1.00	1,000	N	N	N	<10	200
PMW343S	55 29 22	160 29 28	10.0	2.0	2.00	>1.00	1,500	N	N	N	<10	500
PMW344S	55 22 30	161 24 30	7.0	3.0	1.00	1.00	1,000	N	N	N	<10	200
PMW345S	55 23 8	161 16 44	7.0	2.0	1.00	1.00	1,000	N	N	N	<10	300
PMW346S	55 23 2	161 16 41	7.0	2.0	1.00	1.00	1,000	N	N	N	<10	300
PMW347S	55 25 3	161 13 41	5.0	2.0	.70	1.00	1,000	N	N	N	10	500
PMW348S	55 27 32	160 44 10	10.0	2.0	1.00	1.00	1,000	N	N	N	<10	200
PMW349S	55 29 49	161 1 30	7.0	2.0	.70	.70	1,000	N	N	N	10	500
PMW350S	55 40 2	160 59 6	5.0	1.5	.50	.50	700	N	N	N	20	500
PMW351S	55 41 19	161 7 53	10.0	1.5	1.00	1.00	1,000	N	N	N	<10	300
PMW352S	55 44 19	160 56 0	5.0	1.5	.70	.70	700	N	N	N	10	500
PMW353S	55 38 34	161 7 24	15.0	1.5	.70	1.00	1,000	N	N	N	<10	200
PMW354S	55 57 45	159 48 20	10.0	1.5	1.50	1.00	1,000	N	N	N	<10	500
PMW355S	55 57 47	159 48 10	10.0	3.0	1.00	1.00	1,500	N	N	N	<10	300
PMW356S	55 55 18	159 47 20	5.0	1.0	.50	.70	700	N	N	N	50	700
PMW357S	55 52 48	159 47 10	5.0	1.5	.50	.70	700	N	N	N	10	500
PMW358S	55 52 55	159 47 10	7.0	2.0	1.00	1.00	1,500	N	N	N	<10	500
PMW359S	55 50 16	159 53 3	7.0	1.5	.70	1.00	700	N	N	N	<10	300
PMW360S	55 55 37	159 52 50	7.0	1.5	.70	.50	700	N	N	N	<10	700
PMW361S	55 55 39	159 52 42	7.0	1.5	2.00	.50	1,500	N	N	N	<10	300
PMW362S	55 54 17	159 51 3	3.0	1.0	.50	.50	700	N	N	N	30	700
PMW363S	55 52 50	159 55 21	5.0	2.0	1.50	.50	1,000	N	N	N	<10	300
PMW364S	55 51 19	159 57 16	10.0	2.0	1.00	>1.00	1,000	N	N	N	<10	300
PMW365S	55 49 58	159 57 3	5.0	1.0	.50	.50	1,000	N	N	N	10	300
PMW366S	55 47 47	159 54 0	5.0	1.5	.70	.50	1,000	N	N	N	30	700
PMW367S	55 49 30	159 56 48	7.0	1.5	.70	.30	1,000	<.5	N	N	30	500
PMW368S	55 50 52	160 0 5	5.0	1.5	.50	.50	1,000	N	N	N	10	300
PMW369S	55 51 9	160 1 45	10.0	2.0	1.00	1.00	1,000	N	N	N	<10	300
PMW370S	55 43 33	160 4 10	7.0	2.0	1.00	.50	1,000	N	N	N	<10	500
PMW371S	55 42 42	160 6 42	5.0	1.5	.20	.50	700	N	N	N	30	1,000
PMW372S	55 41 3	160 17 32	5.0	2.0	.70	.50	1,000	N	N	N	50	700
PMW373S	55 41 0	160 17 44	5.0	2.0	1.00	.50	1,000	N	N	N	100	700
PMW374S	55 43 50	160 18 6	7.0	3.0	2.00	.70	1,000	N	N	N	10	300
PMW375S	55 43 58	160 22 8	5.0	2.0	1.00	.50	700	N	N	N	30	500
PMW376S	55 42 4	160 32 0	7.0	2.0	1.00	.70	700	N	N	N	200	500
PMW377S	55 41 46	160 36 0	5.0	2.0	.50	.50	500	N	N	N	50	500
PMW378S	55 38 32	160 31 33	5.0	1.5	.50	.50	500	N	N	N	50	700
PMW379S	55 31 57	160 33 47	5.0	1.5	.50	.70	700	N	N	N	50	700
PMW380S	55 37 45	161 32 48	5.0	2.0	1.50	.50	1,500	N	N	N	10	500
PMW381S	55 48 18	161 30 45	10.0	3.0	1.00	1.00	2,000	N	N	N	10	300
PMW382S	55 52 43	161 26 25	10.0	1.5	2.00	.70	1,000	N	N	N	10	300
PMW383S	55 47 45	161 59 36	5.0	1.5	1.00	1.00	1,000	N	N	N	10	500
PMW384S	55 44 24	161 58 35	7.0	3.0	2.00	1.00	1,500	N	N	N	10	500
PMW385S	55 41 0	161 58 22	7.0	2.0	1.00	1.00	1,000	N	N	N	10	500
PMW386S	55 38 23	161 54 32	7.0	3.0	1.00	1.00	1,000	N	N	N	10	300
PMW387S	55 33 40	161 59 10	7.0	5.0	1.50	.70	1,000	N	N	N	10	300
PMW388S	55 33 41	161 59 20	10.0	5.0	1.50	1.00	1,000	N	N	N	<10	300
PMW389S	55 32 39	161 52 19	7.0	3.0	2.00	.70	1,000	N	N	N	10	500
PMW390S	55 32 34	161 52 17	7.0	3.0	2.00	.70	1,000	N	N	N	10	300
PMW391S	55 28 38	161 59 54	7.0	3.0	1.50	.70	1,000	N	N	N	10	300
PMW392S	55 48 48	160 30 52	7.0	1.5	.70	1.00	1,000	N	N	N	20	500
PMW393S	55 54 49	160 18 9	5.0	1.0	.70	.70	1,000	N	N	N	50	1,000
PMW394S	55 54 45	160 18 20	10.0	1.0	.70	1.00	1,000	N	N	N	50	1,000
PMW395S	55 57 12	160 19 27	7.0	1.5	.70	.50	1,000	N	N	N	50	1,000
PMW396S	55 58 38	160 19 2	10.0	3.0	1.00	1.00	1,500	N	N	N	<10	500
PMW397S	55 59 40	160 25 30	10.0	3.0	1.00	1.00	1,500	N	N	N	<10	500
PMW398S	55 56 50	160 30 30	7.0	2.0	1.00	1.00	1,500	N	N	N	30	700

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMW339S	<1.0	N	N	30	100	30	N	<5	N	50	50	N
PMW340S	<1.0	N	N	20	70	30	N	<5	N	50	10	N
PMW341S	N	N	N	50	70	30	N	10	N	15	<10	N
PMW342S	N	N	N	70	150	20	N	<5	N	15	10	N
PMW343S	N	N	N	50	70	20	N	<5	N	15	20	N
PMW344S	N	N	N	70	500	30	N	N	N	50	20	N
PMW345S	N	N	N	30	100	30	N	10	N	15	20	N
PMW346S	N	N	N	30	150	20	N	N	N	70	<10	N
PMW347S	<1.0	N	N	30	50	10	N	N	N	15	20	N
PMW348S	N	N	N	50	70	5	N	10	N	15	<10	N
PMW349S	<1.0	N	N	30	100	10	N	N	N	15	30	N
PMW350S	N	N	N	20	100	20	N	N	N	20	20	N
PMW351S	N	N	N	50	150	5	N	<5	N	20	<10	N
PMW352S	N	N	N	20	150	10	N	15	N	20	<10	N
PMW353S	N	N	N	50	150	10	N	N	N	20	10	N
PMW354S	N	N	N	30	50	20	N	<5	N	10	10	N
PMW355S	N	N	N	30	50	20	N	5	N	10	10	N
PMW356S	<1.0	N	N	20	50	10	N	N	N	20	20	N
PMW357S	N	N	N	20	70	15	N	N	N	15	10	N
PMW358S	N	N	N	30	150	20	N	N	N	15	10	N
PMW359S	<1.0	N	N	50	150	500	N	20	N	10	30	N
PMW360S	N	N	N	30	100	100	N	N	N	20	20	N
PMW361S	N	N	N	20	20	20	N	<5	N	10	<10	N
PMW362S	<1.0	N	N	20	70	10	N	N	N	20	20	N
PMW363S	N	N	N	30	100	20	N	N	N	20	<10	N
PMW364S	N	N	N	70	100	100	N	N	N	20	<10	N
PMW365S	N	N	N	20	100	50	N	N	N	15	20	N
PMW366S	N	N	N	20	70	50	N	N	N	20	30	N
PMW367S	N	N	N	70	70	200	N	<5	N	20	100	N
PMW368S	N	N	N	20	70	50	N	N	N	15	<10	N
PMW369S	<1.0	N	N	50	100	70	N	N	N	15	20	N
PMW370S	<1.0	N	N	30	70	70	N	N	N	15	30	N
PMW371S	<1.0	N	N	20	150	70	N	N	N	20	30	N
PMW372S	<1.0	N	N	50	100	20	N	N	N	20	30	N
PMW373S	<1.0	N	N	30	100	20	N	N	N	20	50	N
PMW374S	<1.0	N	N	50	200	20	N	N	N	70	20	N
PMW375S	<1.0	N	N	20	100	10	N	N	N	20	30	N
PMW376S	<1.0	N	N	50	100	100	50	15	N	20	30	N
PMW377S	<1.0	N	N	30	150	10	N	N	N	20	30	N
PMW378S	<1.0	N	N	20	50	10	N	N	N	20	30	N
PMW379S	<1.0	N	N	30	70	10	N	N	N	20	30	N
PMW380S	<1.0	N	N	20	50	10	N	N	N	10	10	N
PMW381S	N	N	N	50	100	20	N	N	N	20	10	N
PMW382S	<1.0	N	N	20	30	50	N	N	N	<5	10	N
PMW383S	N	N	N	50	100	20	N	<5	N	15	10	N
PMW384S	N	N	N	50	100	20	N	N	N	20	10	N
PMW385S	N	N	N	50	70	10	N	N	N	10	20	N
PMW386S	N	N	N	50	100	10	N	N	N	10	15	N
PMW387S	N	N	N	50	100	10	N	N	N	10	10	N
PMW388S	N	N	N	70	200	20	N	N	N	10	<10	N
PMW389S	N	N	N	50	50	20	N	N	N	10	10	N
PMW390S	N	N	N	50	70	20	N	N	N	10	20	N
PMW391S	N	N	N	50	50	20	N	N	N	5	10	N
PMW392S	N	N	N	50	150	50	<20	N	N	15	20	N
PMW393S	<1.0	N	N	20	70	10	N	N	N	15	20	N
PMW394S	<1.0	N	N	20	300	10	N	N	<20	15	20	N
PMW395S	<1.0	N	N	30	50	10	N	N	<20	20	20	N
PMW396S	N	N	N	50	70	10	N	N	N	15	<10	N
PMW397S	N	N	N	50	100	10	N	N	<20	20	10	N
PMW398S	<1.0	N	N	30	200	10	N	N	<20	20	15	N

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	U-ppm f
PMW339S	20	N	200	300	N	30	N	200	N	--	--
PMW340S	20	N	500	200	N	30	N	1,000	N	--	--
PMW341S	30	N	300	500	N	20	<200	100	N	--	--
PMW342S	20	N	200	300	N	20	200	50	N	--	--
PMW343S	30	N	500	500	N	30	200	100	N	--	--
PMW344S	30	N	200	500	N	20	<200	50	N	--	--
PMW345S	30	N	300	300	N	30	<200	100	N	--	--
PMW346S	20	N	300	200	N	30	<200	100	N	--	--
PMW347S	20	N	300	200	N	30	<200	150	N	--	--
PMW348S	20	N	200	500	N	20	<200	50	N	--	--
PMW349S	20	N	300	200	N	30	<200	100	N	--	--
PMW350S	15	N	300	200	N	30	N	200	N	--	--
PMW351S	15	N	500	500	N	10	<200	50	N	--	--
PMW352S	15	N	500	200	N	20	N	150	N	--	--
PMW353S	10	N	200	500	N	15	200	100	N	--	--
PMW354S	20	N	300	500	N	30	<200	50	N	--	--
PMW355S	30	N	300	500	N	20	<200	50	N	--	--
PMW356S	15	N	300	200	N	20	N	100	N	--	--
PMW357S	20	N	300	200	N	15	N	100	N	--	--
PMW358S	30	N	500	500	N	30	<200	100	N	--	--
PMW359S	20	N	300	200	N	50	<200	200	N	--	--
PMW360S	20	N	300	300	N	20	<200	50	N	--	--
PMW361S	20	N	500	300	N	30	<200	70	N	--	--
PMW362S	15	N	300	200	N	20	N	150	N	--	--
PMW363S	30	N	300	200	N	20	<200	100	N	--	--
PMW364S	50	N	300	1,000	N	20	200	100	N	--	--
PMW365S	20	N	200	150	N	20	N	100	N	--	--
PMW366S	20	N	300	150	N	50	N	200	N	--	--
PMW367S	20	N	300	200	N	50	<200	100	N	--	--
PMW368S	20	N	300	150	N	20	N	100	N	--	--
PMW369S	30	N	300	500	N	30	200	150	N	--	--
PMW370S	30	N	300	200	N	30	N	200	N	--	--
PMW371S	20	N	100	200	N	50	N	200	N	--	--
PMW372S	20	N	300	200	N	50	N	150	N	--	--
PMW373S	30	N	500	200	N	50	N	150	N	--	--
PMW374S	30	N	700	200	N	50	N	150	N	--	--
PMW375S	20	N	500	200	N	50	N	150	N	--	--
PMW376S	20	N	500	500	N	50	N	200	N	--	--
PMW377S	20	N	500	500	N	50	N	150	N	--	--
PMW378S	20	N	500	300	N	50	N	150	N	--	--
PMW379S	20	N	500	500	N	50	N	150	N	--	--
PMW380S	30	N	700	500	N	50	N	150	N	--	--
PMW381S	30	N	300	700	N	30	N	100	N	--	--
PMW382S	20	N	300	200	N	50	<200	100	N	--	--
PMW383S	30	N	500	300	N	50	N	150	N	--	--
PMW384S	30	N	500	300	N	50	<200	100	N	--	--
PMW385S	30	N	500	300	N	50	<200	100	N	--	--
PMW386S	30	N	300	300	N	50	<200	200	N	--	--
PMW387S	20	N	500	300	N	50	<200	100	N	--	--
PMW388S	20	N	300	500	N	30	<200	50	N	--	--
PMW389S	30	N	500	300	N	50	N	100	N	--	--
PMW390S	30	N	500	500	N	50	N	100	N	--	--
PMW391S	20	N	500	500	N	50	N	100	N	--	--
PMW392S	20	N	500	500	N	50	N	700	N	--	--
PMW393S	20	N	500	200	N	30	N	200	N	--	--
PMW394S	20	N	500	200	N	50	<200	500	N	--	--
PMW395S	20	N	500	200	N	50	N	200	N	--	--
PMW396S	30	N	300	500	N	50	<200	100	N	--	--
PMW397S	50	N	300	300	N	50	<200	100	N	--	--
PMW398S	30	N	500	200	N	50	<200	150	N	--	--

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMW399S	55 54 44	160 25 16	10.0	1.5	.70	.70	1,000	N	N	N	50	700
PMW400S	55 51 58	160 19 12	5.0	.7	.70	.70	700	N	N	N	30	700
PMW401S	55 51 22	160 12 35	7.0	2.0	1.50	.70	1,000	N	N	N	10	500
PMW402S	55 51 19	160 12 30	10.0	1.5	1.00	1.00	1,000	N	N	N	20	700
PMW403S	55 53 33	160 10 17	7.0	3.0	2.00	1.00	1,000	N	N	N	20	500
PMW404S	55 53 28	160 10 15	10.0	2.0	.70	1.00	1,000	N	N	N	10	700
PMW405S	55 50 1	160 10 14	7.0	2.0	1.00	1.00	1,000	N	N	N	10	1,000
PMW406S	55 55 46	160 11 57	10.0	2.0	2.00	1.00	1,000	N	N	N	20	700
PMW407S	55 55 48	160 11 54	10.0	3.0	2.00	1.00	1,000	N	N	N	<10	500
PMW408S	55 58 32	160 13 5	10.0	3.0	2.00	1.00	1,500	N	N	N	<10	500
PMW409S	55 57 27	160 7 53	7.0	2.0	2.00	1.00	1,000	N	N	N	50	700
PMW410S	55 57 22	160 7 48	10.0	1.5	.50	>1.00	1,500	N	N	N	50	1,000
PMW411S	55 58 16	160 4 44	7.0	2.0	1.00	1.00	1,000	N	N	N	50	700
PMW412S	55 58 50	160 2 35	15.0	2.0	1.00	.70	700	N	N	N	20	1,000
PMW413S	55 54 30	160 8 15	15.0	3.0	1.50	>1.00	1,500	N	N	N	10	700
PMW414S	55 54 31	160 8 23	7.0	2.0	1.00	1.00	1,000	N	N	N	20	1,000
PMY415S	55 34 50	159 43 7	5.0	1.5	1.50	.50	700	N	N	N	10	300
PMY416S	55 36 17	159 40 56	5.0	2.0	1.50	.70	1,000	N	N	N	15	300
PMY417S	55 39 30	159 38 28	3.0	1.0	.70	.50	500	N	N	N	20	200
PMY418S	55 41 8	159 39 44	5.0	1.5	.70	.70	500	N	N	N	15	300
PMY419S	55 42 40	159 37 20	3.0	1.0	.70	.70	1,000	N	N	N	<10	150
PMY420S	55 44 19	159 39 49	5.0	1.0	.70	1.00	1,000	N	N	N	10	200
PMY421S	55 44 41	159 30 39	7.0	1.0	1.00	1.00	1,500	N	N	N	10	200
PMY422S	55 45 18	159 33 13	3.0	1.0	.70	.50	700	N	N	N	30	200
PMY423S	55 45 18	159 33 2	3.0	1.0	1.00	.50	700	N	N	N	10	200
PMY424S	55 59 3	158 41 36	3.0	1.0	.70	.30	700	N	N	N	70	300
PMY425S	55 59 18	158 47 47	5.0	1.5	1.00	.50	1,000	N	N	N	20	300
PMY427S	55 49 19	158 53 47	7.0	1.5	1.00	.70	1,000	.7	N	N	20	200
PMY428S	55 51 35	158 52 25	5.0	1.5	1.00	.50	1,000	N	N	N	20	200
PMY429S	55 51 29	158 45 15	7.0	1.5	1.00	.50	1,000	N	N	N	20	300
PMY430S	55 59 23	159 0 31	5.0	1.5	1.50	.50	1,000	N	N	N	30	300
PMY431S	55 55 23	159 1 48	5.0	1.0	1.00	.50	700	N	N	N	20	300
PMY432S	55 53 43	159 1 43	5.0	1.5	1.50	.70	1,000	N	N	N	10	200
PMY433S	55 50 8	159 8 52	5.0	1.5	1.00	.70	1,000	N	N	N	15	200
PMY434S	55 52 3	159 9 0	5.0	1.5	1.50	.50	1,000	N	N	N	15	200
PMY435S	55 54 44	159 15 39	5.0	1.5	1.00	.50	1,000	N	N	N	20	300
PMY436S	55 55 44	159 18 39	5.0	1.5	1.00	.50	700	N	N	N	30	200
PMY437S	55 55 42	159 18 25	5.0	1.5	1.00	.50	1,000	N	N	N	100	300
PMY438S	55 54 11	159 19 16	3.0	1.0	.50	.30	500	<.5	N	N	20	300
PMY439S	55 48 39	159 19 53	5.0	2.0	1.00	.50	700	N	N	N	10	150
PMY440S	55 46 40	159 17 27	3.0	1.5	1.00	.50	1,000	N	N	N	10	200
PMY441S	55 45 26	159 22 20	7.0	2.0	1.50	.70	1,000	N	N	N	<10	500
PMY442S	55 49 5	159 27 20	5.0	1.5	1.00	.70	1,000	N	N	N	15	200
PMY443S	55 51 49	159 26 23	5.0	1.0	.50	.30	500	<.5	N	N	<10	300
PMY444S	55 53 4	159 27 27	5.0	1.0	.70	.30	200	.7	N	N	<10	200
PMY445S	55 53 52	159 26 7	3.0	1.5	.70	.30	300	N	N	N	10	200
PMY446S	55 54 42	159 28 12	7.0	3.0	1.50	.70	700	N	N	N	10	100
PMY447S	55 56 44	159 29 29	5.0	1.5	1.50	.50	700	N	N	N	<10	300
PMY448S	55 56 59	159 25 35	5.0	1.5	1.00	.50	1,000	N	N	N	15	200
PMY449S	55 56 3	159 25 57	7.0	3.0	1.50	.70	1,000	N	N	N	10	200
PMY450S	55 57 8	159 33 47	7.0	2.0	1.00	.70	700	N	N	N	10	300
PMY451S	55 57 9	159 34 10	5.0	1.5	1.00	.30	700	N	N	N	10	300
PMY452S	55 55 55	159 34 20	5.0	1.5	1.00	.50	700	N	N	N	15	200
PMY453S	55 55 8	159 36 30	5.0	1.5	1.00	.50	1,000	N	N	N	30	300
PMY454S	55 54 4	159 39 59	5.0	1.5	1.00	.50	700	N	N	N	20	300
PMY455S	55 53 17	159 32 48	5.0	1.5	1.00	.50	700	N	N	N	15	300
PMY456S	55 49 38	159 36 28	5.0	1.5	1.00	.50	1,000	N	N	N	20	300
PMY457S	55 9 18	159 59 23	3.0	1.0	1.00	.30	1,000	N	N	N	20	300
PMY458S	55 10 13	159 58 22	7.0	2.0	2.00	.50	1,000	N	N	N	15	200
PMY459S	55 9 36	159 57 45	5.0	1.0	1.00	.50	500	<.5	N	N	20	200

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm 5	Bi-ppm 5	Cd-ppm 5	Co-ppm 5	Cr-ppm 5	Cu-ppm 5	La-ppm 5	Mo-ppm 5	Nb-ppm 5	Ni-ppm 5	Pb-ppm 5	Sb-ppm 5
PMW399S	<1.0	N	N	20	500	10	<20	N	30	20	20	N
PMW400S	<1.0	N	N	20	300	5	N	N	<20	20	20	N
PMW401S	N	N	N	30	100	30	N	N	N	20	10	N
PMW402S	<1.0	N	N	50	50	20	N	<5	N	10	70	N
PMW403S	<1.0	N	N	50	200	20	N	N	N	20	30	N
PMW404S	<1.0	N	N	50	50	20	N	<5	N	10	30	N
PMW405S	<1.0	N	N	20	10	20	<20	10	<20	5	50	N
PMW406S	N	N	N	50	200	50	N	N	N	20	20	N
PMW407S	N	N	N	50	70	20	N	N	N	20	10	N
PMW408S	N	N	N	50	150	50	N	N	N	20	10	N
PMW409S	<1.0	N	N	30	100	20	N	N	N	20	20	N
PMW410S	N	N	N	30	200	20	150	<5	20	20	20	N
PMW411S	<1.0	N	N	30	100	10	N	N	N	20	30	N
PMW412S	N	N	N	100	70	100	N	N	N	100	70	N
PMW413S	N	N	N	50	150	50	N	N	N	50	20	N
PMW414S	<1.0	N	N	20	200	10	N	N	<20	20	20	N
PMY415S	<1.0	N	N	30	150	30	N	N	N	30	15	N
PMY416S	<1.0	N	N	30	150	30	N	N	N	30	10	N
PMY417S	<1.0	N	N	15	150	20	N	N	N	20	10	N
PMY418S	<1.0	N	N	20	150	20	N	N	N	30	15	N
PMY419S	<1.0	N	N	15	50	20	N	N	N	20	10	N
PMY420S	<1.0	N	N	20	100	30	N	N	N	20	15	N
PMY421S	N	N	N	30	100	20	N	N	N	20	10	N
PMY422S	<1.0	N	N	15	50	20	N	N	N	20	15	N
PMY423S	<1.0	N	N	15	30	20	N	N	N	20	10	N
PMY424S	<1.0	N	N	15	70	20	N	N	N	30	10	N
PMY425S	<1.0	N	N	20	20	20	N	N	N	20	15	N
PMY427S	<1.0	N	N	30	30	20	N	N	N	30	10	N
PMY428S	<1.0	N	N	20	20	30	N	N	N	15	10	N
PMY429S	<1.0	N	N	50	50	20	N	N	N	20	10	N
PMY430S	<1.0	N	N	20	30	20	N	N	N	20	10	N
PMY431S	<1.0	N	N	15	50	20	N	N	N	20	20	N
PMY432S	<1.0	N	N	20	100	20	N	N	N	20	15	N
PMY433S	<1.0	N	N	30	70	20	N	N	N	20	15	N
PMY434S	<1.0	N	N	20	70	20	N	N	N	20	15	N
PMY435S	<1.0	N	N	15	50	20	N	N	N	20	15	N
PMY436S	N	N	N	15	70	20	N	N	N	20	10	N
PMY437S	<1.0	N	N	30	50	30	N	N	N	20	10	N
PMY438S	<1.0	N	N	15	70	20	N	N	N	30	20	N
PMY439S	<1.0	N	N	20	100	30	N	N	N	20	15	N
PMY440S	<1.0	N	N	20	70	20	N	N	N	20	10	N
PMY441S	N	N	N	30	500	20	N	N	N	30	<10	N
PMY442S	<1.0	N	N	20	70	30	N	N	N	20	20	N
PMY443S	<1.0	N	N	20	50	150	N	20	N	20	<10	N
PMY444S	<1.0	N	N	7	30	200	N	70	N	10	15	N
PMY445S	N	N	N	20	100	30	N	N	N	20	10	N
PMY446S	N	N	N	50	150	70	N	N	N	30	10	N
PMY447S	N	N	N	50	70	70	N	N	N	30	10	N
PMY448S	<1.0	N	N	30	100	30	N	N	N	30	<10	N
PMY449S	<1.0	N	N	70	200	50	N	N	N	50	<10	N
PMY450S	<1.0	N	N	50	200	30	N	N	N	30	<10	N
PMY451S	<1.0	N	N	20	100	20	N	N	N	20	10	N
PMY452S	<1.0	N	N	30	50	20	N	N	N	20	10	N
PMY453S	<1.0	N	N	20	50	30	N	N	N	30	10	N
PMY454S	<1.0	N	N	30	100	20	N	N	N	20	<10	N
PMY455S	<1.0	N	N	20	70	20	N	N	N	20	20	N
PMY456S	<1.0	N	N	20	50	30	N	N	N	20	20	N
PMY457S	<1.0	N	N	15	30	20	N	N	N	15	20	N
PMY458S	N	N	N	50	70	70	N	N	N	20	<10	N
PMY459S	<1.0	N	N	20	50	50	N	N	N	15	30	N

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	U-ppm f
PMW399S	20	N	500	200	N	50	N	300	N	--	--
PMW400S	20	N	500	200	N	50	N	200	N	--	--
PMW401S	20	N	500	500	N	50	<200	150	N	--	--
PMW402S	30	N	500	300	N	70	<200	200	N	--	--
PMW403S	30	N	700	500	N	50	<200	100	N	--	--
PMW404S	30	N	500	300	N	70	N	200	N	--	--
PMW405S	30	N	700	150	N	70	N	200	N	--	--
PMW406S	30	N	700	500	N	50	<200	200	N	--	--
PMW407S	20	N	700	1,000	N	30	<200	100	N	--	--
PMW408S	30	N	700	1,000	N	50	<200	100	N	--	--
PMW409S	30	N	700	300	N	50	N	200	N	--	--
PMW410S	20	N	300	500	N	50	<200	300	N	--	--
PMW411S	20	N	500	300	N	50	N	150	N	--	--
PMW412S	30	N	500	200	N	50	<200	200	N	--	--
PMW413S	50	N	500	1,000	N	50	200	100	N	--	--
PMW414S	20	N	500	300	N	50	N	100	N	--	--
PMY415S	20	N	300	200	N	20	N	70	N	--	--
PMY416S	30	N	500	200	N	30	N	150	N	--	--
PMY417S	15	N	200	150	N	20	N	100	N	--	--
PMY418S	20	N	300	150	N	20	N	150	N	--	--
PMY419S	15	N	300	200	N	10	N	50	N	--	--
PMY420S	20	N	300	200	N	20	N	150	N	--	--
PMY421S	30	N	300	500	N	20	N	150	N	--	--
PMY422S	15	N	200	150	N	15	N	70	N	--	--
PMY423S	20	N	200	200	N	20	N	50	N	--	--
PMY424S	15	N	500	100	N	20	N	70	N	--	--
PMY425S	20	N	300	200	N	20	N	50	N	--	--
PMY427S	20	N	500	200	N	30	N	100	N	--	--
PMY428S	20	N	500	150	N	30	N	100	N	--	--
PMY429S	30	N	200	200	N	50	N	200	N	--	--
PMY430S	20	N	500	150	N	50	N	100	N	--	--
PMY431S	15	N	300	150	N	20	N	70	N	--	--
PMY432S	20	N	500	150	N	20	N	70	N	--	--
PMY433S	20	N	300	200	N	20	N	150	N	--	--
PMY434S	30	N	300	200	N	30	N	50	N	--	--
PMY435S	20	N	300	100	N	20	N	70	N	--	--
PMY436S	20	N	500	150	N	20	N	70	N	--	--
PMY437S	20	N	500	200	N	20	N	70	N	--	--
PMY438S	15	N	200	100	N	20	N	100	N	--	--
PMY439S	20	N	200	150	N	30	N	100	N	--	--
PMY440S	20	N	300	150	N	20	N	70	N	--	--
PMY441S	50	N	300	200	N	30	N	100	N	--	--
PMY442S	20	N	300	200	N	30	N	150	N	--	--
PMY443S	10	N	150	100	N	20	N	100	N	--	--
PMY444S	10	N	200	100	N	15	N	150	N	--	--
PMY445S	20	N	200	150	N	15	N	50	N	--	--
PMY446S	30	N	200	300	N	15	N	50	N	--	--
PMY447S	30	N	300	200	N	20	N	70	N	--	--
PMY448S	30	N	500	200	N	20	N	70	N	--	--
PMY449S	50	N	300	500	N	15	N	70	N	--	--
PMY450S	50	N	300	500	N	10	N	50	N	--	--
PMY451S	20	N	200	200	N	10	N	50	N	--	--
PMY452S	30	N	500	200	N	20	N	100	N	--	--
PMY453S	30	N	300	200	N	20	N	100	N	--	--
PMY454S	30	N	300	300	N	20	N	100	N	--	--
PMY455S	20	N	300	200	N	20	N	100	N	--	--
PMY456S	20	N	300	150	N	30	N	70	N	--	--
PMY457S	15	N	200	150	N	20	N	70	N	--	--
PMY458S	30	N	500	200	N	20	N	50	N	--	--
PMY459S	15	N	100	150	N	20	N	100	N	--	--

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMY460S	55 14 16	159 55 35	5.0	1.5	1.00	.50	500	N	N	N	20	300
PMY461S	55 14 58	159 50 46	5.0	1.5	1.00	.50	500	N	N	N	20	200
PMY462S	55 10 32	159 51 12	5.0	1.5	1.00	.50	1,000	N	N	N	30	200
PMY463S	54 58 36	160 9 12	3.0	1.0	1.00	.50	500	N	N	N	30	200
PMY464S	54 56 58	160 8 38	2.0	.7	.70	.30	500	N	N	N	15	70
PMY465S	54 53 20	160 12 28	5.0	1.5	1.00	.50	1,000	N	N	N	20	300
PMY466S	54 59 22	160 7 3	5.0	1.5	1.00	.50	700	N	N	N	20	300
PMY467S	55 0 16	160 3 44	7.0	1.5	1.00	.50	500	N	N	N	20	300
PMY468S	55 2 8	160 1 55	5.0	1.5	1.00	.50	500	N	N	N	20	300
PMY469S	55 4 15	159 57 57	5.0	1.0	1.00	.50	700	N	N	N	30	300
PMY470S	55 5 3	159 59 59	7.0	1.5	1.00	.50	1,000	N	N	N	20	500
PMY471S	55 9 39	159 49 40	5.0	1.5	1.00	.50	1,000	N	N	N	30	300
PMY472S	55 9 46	159 49 45	5.0	1.0	1.00	.50	1,000	N	N	N	30	300
PMY473S	55 7 3	159 51 35	5.0	1.5	1.00	.50	1,000	N	N	N	30	300
PMY474S	55 8 12	159 53 19	5.0	1.5	1.00	.50	700	N	N	N	50	500
PMY475S	55 7 28	159 55 17	7.0	1.5	1.00	.70	1,000	N	N	N	20	500
PMY476S	55 8 9	159 59 42	2.0	1.0	1.00	.20	1,000	N	N	N	20	200
PMY477S	55 1 38	159 49 24	5.0	2.0	1.50	.70	700	N	N	N	50	500
PMY478S	55 4 43	159 47 18	7.0	2.0	1.50	.70	1,000	N	N	N	20	300
PMY479S	55 6 3	159 43 25	5.0	2.0	1.00	.70	700	N	N	N	30	500
PMY480S	55 6 59	159 42 54	3.0	1.0	1.00	.50	500	N	N	N	20	300
PMY481S	55 4 43	159 38 26	5.0	2.0	1.00	.70	700	N	N	N	30	300
PMY482S	55 6 18	159 37 8	7.0	2.0	1.00	.70	1,000	N	N	N	70	500
PMY483S	55 7 32	159 37 51	2.0	.7	1.00	.30	700	N	N	N	30	300
PMY484S	55 7 10	159 34 9	5.0	1.5	1.00	.70	1,000	N	N	N	30	500
PMY485S	55 9 58	159 33 33	5.0	1.0	1.00	.50	700	N	N	N	30	500
PMY486S	55 13 18	159 31 44	5.0	1.5	1.00	.50	1,000	N	N	N	20	300
PMY487S	55 3 3	159 20 59	5.0	1.5	1.00	.50	1,000	N	N	N	20	500
PMY488S	55 2 49	159 26 10	5.0	1.0	1.00	.50	700	N	N	N	20	300
PMY489S	55 0 30	159 25 3	5.0	1.0	1.00	.50	700	N	N	N	30	300
PMY490S	54 58 27	159 24 7	3.0	1.5	1.00	.50	1,000	N	N	N	20	300
PMY491S	54 53 43	159 18 34	5.0	1.5	1.50	.70	1,000	N	N	N	20	500
PMY492S	55 30 10	160 57 10	5.0	2.0	1.00	.50	700	N	N	N	20	300
PMY493S	55 30 58	160 57 0	5.0	2.0	1.00	.70	700	N	N	N	30	500
PMY494S	55 31 34	160 54 45	3.0	1.0	.20	.50	500	N	N	N	50	500
PMY495S	55 22 30	160 33 51	5.0	1.5	1.50	.50	700	N	N	N	20	300
PMY496S	55 12 4	161 21 17	5.0	2.0	2.00	.70	1,000	N	N	N	10	200
PMY497S	55 13 13	161 24 36	5.0	2.0	2.00	.70	1,000	N	N	N	15	300
PMY498S	55 5 12	161 35 35	5.0	2.0	3.00	.50	1,000	N	N	N	10	300
PMY499S	55 5 45	161 40 35	5.0	2.0	1.00	.50	1,000	N	N	N	10	200
PMY500S	55 6 55	161 45 34	5.0	1.5	1.00	.50	700	N	N	N	15	200
PMY501S	55 9 2	161 45 45	5.0	1.5	1.00	.50	700	N	N	N	15	200
PMY502S	55 9 32	161 48 46	5.0	2.0	1.50	.50	1,000	N	N	N	10	200
PMY503S	55 9 5	161 53 30	5.0	1.5	1.00	.50	1,000	N	N	N	10	200
PMY504S	55 8 37	161 57 55	5.0	1.5	1.00	.50	1,500	N	N	N	20	200
PMY505S	55 14 51	161 32 3	5.0	1.0	1.00	.50	1,500	N	N	N	10	150
PMY506S	55 14 31	161 37 43	10.0	3.0	1.00	.70	700	N	N	N	10	200
PMY507S	55 13 31	161 41 5	7.0	2.0	2.00	.70	1,000	N	N	N	15	200
PMY508S	55 10 42	161 49 39	5.0	1.5	1.00	.50	500	.5	N	N	50	200
PMY509S	55 2 52	161 56 18	5.0	1.5	1.00	.50	1,000	N	N	N	10	300
PMY510S	55 14 42	161 55 40	3.0	1.0	1.00	.30	1,500	N	N	N	10	150
PMY511S	55 17 0	161 53 38	10.0	2.0	1.00	1.00	1,000	N	N	N	<10	150
PMY512S	55 20 57	161 50 30	10.0	5.0	1.50	.70	700	N	N	N	<10	200
PMY513S	55 29 35	161 42 37	5.0	3.0	1.50	.50	700	N	N	N	10	150
PMY514S	55 35 46	161 17 34	10.0	2.0	1.00	1.00	1,500	N	N	N	<10	150
PMY515S	55 36 34	161 16 34	15.0	2.0	1.00	1.00	1,000	N	N	N	10	200
PMY516S	55 35 5	161 14 50	5.0	1.5	.70	.50	700	<.5	N	N	50	500
PMY517S	55 35 5	161 14 40	7.0	2.0	.70	.50	1,000	N	N	N	30	300
PMY518S	55 46 54	161 56 41	7.0	2.0	2.00	.50	1,000	N	N	N	10	300
PMY519S	55 43 52	161 54 7	10.0	5.0	2.00	1.00	1,000	N	N	N	10	300

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMY460S	<1.0	N	N	20	50	30	N	N	N	15	20	N
PMY461S	<1.0	N	N	20	70	50	N	N	N	20	30	N
PMY462S	<1.0	N	N	30	50	30	N	5	N	20	10	N
PMY463S	1.0	N	N	15	30	20	N	N	N	15	15	N
PMY464S	1.0	N	N	15	20	20	N	N	N	10	<10	N
PMY465S	1.0	N	N	15	70	20	N	N	N	15	20	N
PMY466S	<1.0	N	N	20	50	30	N	N	N	10	15	N
PMY467S	1.0	N	N	20	50	50	N	N	N	15	20	N
PMY468S	1.0	N	N	20	30	30	N	N	N	10	20	N
PMY469S	1.0	N	N	20	50	50	N	N	N	15	30	N
PMY470S	1.0	N	N	30	70	30	N	N	N	15	20	N
PMY471S	<1.0	N	N	20	30	30	N	N	N	10	20	N
PMY472S	1.0	N	N	15	30	30	N	N	N	10	20	N
PMY473S	<1.0	N	N	20	100	30	N	<5	N	30	20	N
PMY474S	1.0	N	N	15	50	30	N	N	N	15	20	N
PMY475S	<1.0	N	N	20	150	50	N	N	N	20	20	N
PMY476S	1.0	N	N	15	15	20	N	N	N	10	20	N
PMY477S	1.0	N	N	20	100	20	N	N	N	20	20	N
PMY478S	<1.0	N	N	50	100	30	N	<5	N	20	20	N
PMY479S	<1.0	N	N	20	100	30	N	N	N	30	20	N
PMY480S	1.0	N	N	10	30	30	N	N	N	10	30	N
PMY481S	1.0	N	N	20	50	70	N	N	N	20	30	N
PMY482S	1.0	N	N	30	70	50	N	<5	N	20	20	N
PMY483S	1.5	N	N	15	20	20	N	N	N	10	15	N
PMY484S	1.0	N	N	20	70	50	N	N	N	10	20	N
PMY485S	1.0	N	N	15	30	30	N	N	N	15	30	N
PMY486S	1.0	N	N	15	20	20	N	N	N	5	20	N
PMY487S	1.0	N	N	15	30	20	N	N	N	7	20	N
PMY488S	1.0	N	N	15	30	30	N	<5	N	5	20	N
PMY489S	1.0	N	N	10	20	20	N	N	N	7	20	N
PMY490S	1.0	N	N	15	20	20	N	N	N	7	15	N
PMY491S	1.0	N	N	15	20	20	N	N	N	7	70	N
PMY492S	<1.0	N	N	30	200	30	N	N	N	70	15	N
PMY493S	1.0	N	N	30	200	30	N	N	N	70	20	N
PMY494S	1.0	N	N	15	100	20	N	N	N	50	<10	N
PMY495S	<1.0	N	N	20	50	20	N	N	N	10	10	N
PMY496S	N	N	N	50	150	20	N	N	N	50	<10	N
PMY497S	<1.0	N	N	30	150	30	N	N	N	30	10	N
PMY498S	<1.0	N	N	50	30	30	N	N	N	15	10	N
PMY499S	N	N	N	30	150	30	N	N	N	15	10	N
PMY500S	N	N	N	20	70	30	N	N	N	10	10	N
PMY501S	N	N	N	30	70	30	N	N	N	20	10	N
PMY502S	N	N	N	30	70	30	N	N	N	15	20	N
PMY503S	<1.0	N	N	20	50	30	N	N	N	10	15	N
PMY504S	N	N	N	20	30	50	N	<5	N	10	15	N
PMY505S	<1.0	N	N	15	50	20	N	N	N	20	<10	N
PMY506S	N	N	N	50	150	30	N	N	N	30	10	N
PMY507S	<1.0	N	N	50	70	50	N	N	N	15	10	N
PMY508S	1.0	N	N	30	50	150	N	50	N	10	70	N
PMY509S	<1.0	N	N	50	70	50	N	5	N	10	20	N
PMY510S	<1.0	N	N	20	20	15	N	N	N	5	10	N
PMY511S	<1.0	N	N	70	100	30	N	N	N	20	N	N
PMY512S	N	N	N	100	150	50	N	N	N	20	N	N
PMY513S	N	N	N	50	100	50	N	N	N	15	<10	N
PMY514S	N	N	N	70	100	30	N	N	N	20	10	N
PMY515S	N	N	N	70	150	30	N	N	N	30	<10	N
PMY516S	<1.0	N	N	20	100	30	N	N	N	30	20	N
PMY517S	N	N	N	30	150	50	N	N	N	30	20	N
PMY518S	<1.0	N	N	50	200	20	N	N	N	20	10	N
PMY519S	<1.0	N	N	100	150	30	50	N	N	50	10	N

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	U-ppm f
PNY460S	20	N	150	150	N	20	N	100	N	--	--
PNY461S	15	N	150	150	N	20	N	100	N	--	--
PNY462S	20	N	200	150	N	20	N	100	N	--	--
PNY463S	20	N	200	150	N	20	N	100	N	--	--
PNY464S	10	N	100	150	N	15	N	50	N	--	--
PNY465S	20	N	150	150	N	30	N	150	N	--	--
PNY466S	20	N	200	150	N	20	N	100	N	--	--
PNY467S	20	N	200	150	N	30	N	100	N	--	--
PNY468S	20	N	200	150	N	30	N	100	N	--	--
PNY469S	20	N	200	150	N	20	N	100	N	--	--
PNY470S	20	N	200	150	N	20	N	70	N	--	--
PNY471S	20	N	200	150	N	20	N	100	N	--	--
PNY472S	20	N	200	150	N	20	N	100	N	--	--
PNY473S	20	N	200	150	N	30	N	100	N	--	--
PNY474S	20	N	200	150	N	20	N	100	N	--	--
PNY475S	20	N	200	150	N	30	N	150	N	--	--
PNY476S	10	N	150	100	N	20	N	70	N	--	--
PNY477S	20	N	200	150	N	30	N	100	N	--	--
PNY478S	20	N	150	150	N	30	N	100	N	--	--
PNY479S	20	N	200	150	N	30	N	100	N	--	--
PNY480S	15	N	200	150	N	20	N	100	N	--	--
PNY481S	20	N	200	150	N	50	N	150	N	--	--
PNY482S	20	N	200	150	N	50	N	150	N	--	--
PNY483S	15	N	200	150	N	20	N	50	N	--	--
PNY484S	20	N	200	150	N	30	N	200	N	--	--
PNY485S	15	N	200	150	N	30	N	150	N	--	--
PNY486S	15	N	200	150	N	20	N	100	N	--	--
PNY487S	20	N	200	150	N	50	N	200	N	--	--
PNY488S	20	N	200	150	N	50	N	200	N	--	--
PNY489S	20	N	200	150	N	50	N	200	N	--	--
PNY490S	15	N	150	150	N	30	N	150	N	--	--
PNY491S	20	N	300	150	N	70	N	100	N	--	--
PNY492S	30	N	150	200	N	30	N	70	N	--	--
PNY493S	30	N	200	200	N	50	N	100	N	--	--
PNY494S	20	N	100	150	N	30	N	150	N	--	--
PNY495S	20	N	300	150	N	15	N	50	N	--	--
PNY496S	30	N	500	200	N	30	N	70	N	--	--
PNY497S	30	N	300	200	N	20	N	100	N	--	--
PNY498S	30	N	500	200	N	50	N	70	N	--	--
PNY499S	20	N	100	200	N	20	N	70	N	--	--
PNY500S	30	N	150	150	N	20	N	70	N	--	--
PNY501S	30	N	300	200	N	30	N	70	N	--	--
PNY502S	30	N	200	150	N	30	N	100	N	--	--
PNY503S	20	N	200	150	N	20	N	100	N	--	--
PNY504S	20	N	200	150	N	30	N	70	N	--	--
PNY505S	20	N	300	150	N	20	N	70	N	--	--
PNY506S	30	N	200	150	N	20	N	70	N	--	--
PNY507S	30	N	300	150	N	30	N	100	N	--	--
PNY508S	20	N	300	100	N	20	N	70	N	--	--
PNY509S	30	N	200	150	N	30	N	100	N	--	--
PNY510S	20	N	200	150	N	20	N	70	N	--	--
PNY511S	30	N	200	300	N	20	200	70	N	--	--
PNY512S	30	N	150	500	N	20	<200	70	N	--	--
PNY513S	30	N	200	200	N	20	N	70	N	--	--
PNY514S	30	N	300	300	N	10	300	50	N	--	--
PNY515S	30	N	300	300	N	10	300	100	N	--	--
PNY516S	20	N	200	150	N	30	N	100	N	--	--
PNY517S	20	N	200	100	N	20	<200	150	N	--	--
PNY518S	30	N	500	200	N	30	<200	50	N	--	--
PNY519S	50	N	300	300	N	30	<200	70	N	--	--

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PNY520S	55 41 7	161 51 42	10.0	3.0	2.00	1.00	1,000	N	N	N	10	200
PNY521S	55 39 48	161 47 10	5.0	3.0	3.00	1.00	1,500	N	N	N	15	300
PNY522S	55 42 43	161 41 14	5.0	2.0	2.00	.50	500	N	N	N	10	200
PNY523S	55 35 4	161 41 40	2.0	3.0	2.00	.10	1,000	N	N	N	10	200
PNY524S	55 40 13	161 22 35	15.0	.7	1.00	.10	5,000	N	500	N	20	200
PNY525S	55 42 47	161 29 4	5.0	1.0	1.50	.30	1,000	N	N	N	15	200
PNY526S	55 26 34	161 4 23	3.0	1.5	.70	.30	200	N	N	N	20	200
PNY527S	55 24 56	161 8 13	7.0	2.0	.70	1.00	700	N	N	N	20	300
PNY528S	55 44 54	161 28 57	2.0	.7	.70	.20	300	N	N	N	10	50
PNY529S	55 43 47	161 36 33	5.0	1.5	1.50	.50	700	N	N	N	15	300
PNY530S	55 48 48	161 35 10	15.0	3.0	1.00	1.00	1,000	N	N	N	10	300
PNY531S	55 55 8	161 21 17	10.0	1.5	2.00	.70	700	N	N	N	10	200
PNY532S	55 51 20	161 18 27	2.0	.5	.70	.20	500	N	N	N	20	150
PNY533S	55 48 28	161 11 53	10.0	2.0	1.00	.70	700	N	N	N	15	300
PNY534S	55 49 58	161 5 51	10.0	.5	.50	.20	5,000	N	N	N	<10	200
PNY535S	55 48 9	160 45 7	5.0	1.5	1.00	.70	1,000	N	N	N	15	300
PNY536S	55 46 56	160 45 4	7.0	1.5	1.00	.70	700	N	N	N	15	500
PNY537S	55 32 17	160 56 30	7.0	1.0	1.00	.50	500	N	N	N	30	500
PNY538S	55 36 8	160 56 17	5.0	1.0	.50	.50	700	N	N	N	70	500
PNY539S	55 36 0	160 54 54	7.0	1.5	.30	.70	700	.5	N	N	70	500
PNY540S	55 36 33	160 53 0	5.0	1.5	.70	.70	1,000	N	N	N	70	500
PNY541S	55 37 30	160 51 24	5.0	1.5	.30	.70	500	N	N	N	70	500
PNY542S	55 37 53	160 56 4	5.0	1.0	.30	.50	700	N	N	N	70	500
PNY543S	55 38 1	160 56 3	5.0	1.5	.30	.50	500	N	N	N	50	500
PNY544S	55 40 45	160 52 12	5.0	1.5	1.50	.50	700	N	N	N	70	500
PNY545S	55 38 50	160 45 43	5.0	1.0	.20	.50	500	<.5	N	N	100	500
PNY546S	55 38 58	160 46 10	5.0	1.0	.30	.50	700	<.5	N	N	70	500
PNY547S	55 33 17	160 41 18	5.0	1.5	2.00	.50	700	N	N	N	10	300
PNY548S	55 39 25	160 54 44	3.0	1.0	.30	.30	500	.5	N	N	50	700
PNY549S	55 40 27	160 54 27	5.0	1.5	.50	.50	700	1.0	200	N	200	300
PNY550S	55 37 53	161 3 50	3.0	1.5	.30	.50	300	N	N	N	50	500
PNY551S	55 37 7	161 7 0	7.0	2.0	1.50	.70	1,000	N	N	N	150	300
PNY552S	55 36 10	161 10 45	5.0	1.5	1.00	.50	700	N	N	N	30	500
PNY553S	55 47 55	159 53 50	5.0	1.0	.50	.50	700	N	N	N	50	500
PNY554S	55 48 8	159 55 24	5.0	1.5	.70	.50	700	N	N	N	50	500
PNY555S	55 48 40	159 55 4	3.0	1.5	1.00	.30	700	<.5	N	N	20	300
PNY556S	55 50 5	159 56 15	7.0	2.0	.70	.70	1,000	<.5	N	N	30	500
PNY557S	55 51 8	159 54 39	5.0	1.0	.50	.50	700	<.5	N	N	50	300
PNY558S	55 16 7	160 34 6	5.0	1.5	1.00	.50	1,000	N	N	N	20	200
PNY559S	55 17 18	160 35 40	3.0	1.5	.70	.30	700	N	N	N	20	300
PNY560S	55 34 52	160 53 52	5.0	1.5	.20	.50	500	<.5	N	N	70	500
PNY561S	55 37 5	161 0 32	7.0	2.0	.70	.50	700	N	N	N	30	300
PNY562S	55 36 13	161 0 37	5.0	1.5	1.00	.50	700	<.5	N	N	50	500
PNY563S	55 36 20	161 4 2	10.0	2.0	1.50	.70	1,000	N	N	N	70	500
PNY564S	55 36 26	161 3 55	7.0	2.0	1.00	.50	700	N	N	N	50	500
PNY565S	55 45 43	160 29 35	5.0	1.5	1.00	.50	700	N	N	N	30	500
PNY566S	55 46 45	160 28 43	10.0	2.0	2.00	.70	700	N	N	N	20	500
PNY567S	55 48 4	160 32 5	5.0	1.5	1.00	.50	700	N	N	N	30	500
PNY568S	55 33 11	160 38 38	7.0	2.0	1.50	.70	1,000	N	N	N	20	300
PNY569S	55 46 55	160 35 25	5.0	1.5	.70	.50	500	N	N	N	50	500
PNY570S	55 40 59	160 29 5	5.0	1.0	.50	.50	500	N	N	N	50	500
PNY571S	55 37 40	160 24 20	7.0	1.5	1.00	.70	1,500	N	N	N	20	300
PNY572S	55 36 8	160 23 45	5.0	1.0	.30	.50	200	N	N	N	20	700
PNY573S	55 34 52	160 29 24	15.0	1.5	.70	.70	700	N	N	N	10	500
PNY574S	54 49 2	159 48 23	7.0	1.5	1.00	.50	700	N	N	N	20	300
PNY575S	54 49 47	159 43 4	10.0	2.0	2.00	1.00	1,500	N	N	N	20	500
PNY576S	54 47 26	159 34 13	7.0	1.5	1.50	.70	1,000	N	N	N	20	500

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMY520S	N	N	N	50	70	30	N	N	N	20	10	N
PMY521S	<1.0	N	N	30	50	20	N	N	N	20	20	N
PMY522S	<1.0	N	N	20	30	20	N	N	N	7	10	N
PMY523S	<1.0	N	N	10	20	20	N	N	N	N	20	N
PMY524S	N	N	N	15	20	10	N	N	N	5	10	N
PMY525S	<1.0	N	N	15	20	30	N	N	N	7	10	N
PMY526S	<1.0	N	N	15	200	30	N	N	N	50	15	N
PMY527S	<1.0	N	N	50	200	30	N	N	N	70	10	N
PMY528S	N	N	N	N	<10	15	N	N	N	N	10	N
PMY529S	<1.0	N	N	30	50	20	N	N	N	15	10	N
PMY530S	N	N	N	100	100	30	N	N	N	50	<10	N
PMY531S	N	N	N	20	50	20	N	N	N	5	10	N
PMY532S	<1.0	N	N	N	15	15	N	N	N	N	<10	N
PMY533S	N	N	N	50	100	30	N	N	N	30	15	N
PMY534S	<1.0	N	N	20	10	15	N	N	N	N	10	N
PMY535S	<1.0	N	N	20	70	10	N	N	N	15	<10	N
PMY536S	N	N	N	20	100	15	N	N	N	20	10	N
PMY537S	<1.0	N	N	20	70	20	N	N	N	30	20	N
PMY538S	1.0	N	N	30	150	30	N	N	N	70	15	N
PMY539S	<1.0	N	N	50	150	70	N	<5	N	70	50	N
PMY540S	1.0	N	N	50	100	50	N	N	N	70	20	N
PMY541S	<1.0	N	N	30	200	50	N	N	N	50	30	N
PMY542S	1.0	N	N	50	150	30	N	<5	N	70	20	N
PMY543S	1.0	N	N	50	150	50	N	N	N	50	20	N
PMY544S	<1.0	N	N	50	150	30	N	N	N	30	30	N
PMY545S	1.0	N	N	30	150	50	N	N	N	50	30	N
PMY546S	1.0	N	N	30	200	70	N	N	N	70	30	N
PMY547S	N	N	N	30	50	20	N	N	N	20	10	N
PMY548S	<1.0	N	N	20	100	20	N	N	N	50	20	N
PMY549S	<1.0	N	N	20	100	100	N	10	N	20	100	N
PMY550S	N	N	N	30	150	20	N	N	N	50	15	N
PMY551S	<1.0	N	N	50	100	50	N	7	N	30	10	N
PMY552S	<1.0	N	N	30	70	30	N	N	N	30	10	N
PMY553S	<1.0	N	N	20	100	30	N	N	N	50	20	N
PMY554S	N	N	N	20	100	30	N	N	N	30	20	N
PMY555S	<1.0	N	N	20	30	30	N	N	N	15	30	N
PMY556S	N	N	N	50	150	70	N	N	N	30	50	N
PMY557S	<1.0	N	N	20	50	30	N	N	N	20	20	N
PMY558S	N	N	N	20	50	30	N	N	N	20	10	N
PMY559S	<1.0	N	N	15	100	20	N	N	N	20	20	N
PMY560S	N	N	N	50	200	100	50	<5	N	100	30	N
PMY561S	N	N	N	30	100	70	N	N	N	20	20	N
PMY562S	<1.0	N	N	30	100	30	N	N	N	50	20	N
PMY563S	N	N	N	70	150	50	N	N	N	50	30	N
PMY564S	<1.0	N	N	50	150	30	N	N	N	30	30	N
PMY565S	<1.0	N	N	20	70	30	N	N	N	20	10	N
PMY566S	N	N	N	70	100	100	N	N	N	30	10	N
PMY567S	<1.0	N	N	20	100	50	N	N	N	30	20	N
PMY568S	<1.0	N	N	30	50	30	N	<5	N	20	10	N
PMY569S	N	N	N	20	70	50	N	N	N	20	15	N
PMY570S	1.0	N	N	20	70	20	N	N	N	30	10	N
PMY571S	<1.0	N	N	20	70	30	N	N	N	20	10	N
PMY572S	N	N	N	20	100	30	N	7	N	15	10	N
PMY573S	<1.0	N	N	20	70	50	N	<5	N	10	30	N
PMY574S	1.0	N	N	15	150	20	N	N	N	15	10	N
PMY575S	1.0	N	N	30	50	30	100	N	N	15	15	N
PMY576S	1.0	N	N	20	50	30	N	N	N	10	20	N

Table 3. Analyses of stream-sediment samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa	U-ppm f
PMY520S	50	N	200	300	N	30	N	70	N	--	--
PMY521S	30	N	500	150	N	20	N	100	N	--	--
PMY522S	20	N	200	150	N	20	N	100	N	--	--
PMY523S	15	N	200	70	N	15	N	30	N	--	--
PMY524S	7	N	200	50	N	<10	N	30	N	--	--
PMY525S	20	N	200	150	N	20	N	70	N	--	--
PMY526S	20	N	<100	100	N	20	N	100	N	--	--
PMY527S	30	N	200	200	N	30	200	100	N	--	--
PMY528S	10	N	N	100	N	10	N	50	N	--	--
PMY529S	20	N	300	100	N	20	N	70	N	--	--
PMY530S	50	N	100	300	N	20	200	100	N	--	--
PMY531S	20	N	300	200	N	20	N	70	N	--	--
PMY532S	10	N	<100	100	N	15	N	50	N	--	--
PMY533S	20	N	200	200	N	20	<200	70	N	--	--
PMY534S	10	N	150	100	N	15	<200	30	N	--	--
PMY535S	20	N	300	200	N	20	N	300	N	--	--
PMY536S	20	N	500	150	N	30	N	500	N	--	--
PMY537S	20	N	300	150	N	20	N	100	N	--	--
PMY538S	20	N	200	200	N	30	<200	200	N	--	--
PMY539S	20	N	100	200	N	30	<200	100	N	--	.30
PMY540S	20	N	200	200	N	50	200	150	N	--	--
PMY541S	20	N	200	200	N	30	<200	150	N	--	--
PMY542S	20	N	200	200	N	50	<200	200	N	--	--
PMY543S	20	N	200	150	N	30	200	150	N	--	--
PMY544S	20	N	300	200	N	30	N	200	N	--	--
PMY545S	20	N	150	150	N	70	<200	150	N	--	--
PMY546S	30	N	200	200	N	50	200	150	N	--	--
PMY547S	20	N	300	200	N	20	N	70	N	--	--
PMY548S	15	N	200	150	N	20	N	200	N	--	--
PMY549S	20	N	100	150	N	20	<200	100	N	--	--
PMY550S	15	N	200	150	N	20	N	100	N	--	--
PMY551S	20	N	300	200	N	30	200	100	N	--	--
PMY552S	20	N	300	150	N	20	N	100	N	--	--
PMY553S	20	N	200	150	N	30	N	150	N	--	--
PMY554S	20	N	200	200	N	20	N	150	N	--	--
PMY555S	20	N	300	150	N	30	N	100	N	--	--
PMY556S	30	N	200	100	N	30	<200	100	N	--	--
PMY557S	20	N	150	150	N	20	N	70	N	--	--
PMY558S	20	N	200	200	N	20	N	70	N	--	--
PMY559S	20	N	300	150	N	20	N	70	N	--	--
PMY560S	30	N	100	150	N	50	200	150	N	--	.35
PMY561S	30	N	150	150	N	20	N	100	N	--	--
PMY562S	20	N	500	100	N	20	N	150	N	--	--
PMY563S	30	N	300	150	N	30	<200	150	N	--	--
PMY564S	20	N	200	150	N	20	N	100	N	--	--
PMY565S	20	N	200	100	N	20	N	70	N	--	--
PMY566S	30	N	300	100	N	20	N	70	N	--	--
PMY567S	20	N	300	150	N	20	N	150	N	--	--
PMY568S	20	N	300	100	N	20	N	100	N	--	--
PMY569S	20	N	200	100	N	20	N	200	N	--	--
PMY570S	20	N	200	100	N	30	N	100	N	--	.25
PMY571S	30	N	300	150	N	30	N	100	N	--	--
PMY572S	15	N	100	100	N	20	N	150	N	--	--
PMY573S	20	N	200	150	N	20	<200	100	N	--	--
PMY574S	20	N	200	150	N	30	N	200	N	--	--
PMY575S	30	N	300	100	N	100	N	150	N	--	--
PMY576S	20	N	150	100	N	70	N	150	N	--	--

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska

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

Sample	Lat	Long	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
PMF001C	55 17 43	160 29 0	1.0	1.00	1.50	2.00	500	500	N	1,000	50	700
PMF002C	55 17 58	160 26 12	1.0	.10	.10	>2.00	70	<1	N	N	20	>10,000
PMF003C	55 18 58	160 25 29	.7	.70	1.00	2.00	200	N	N	N	30	700
PMF004C	55 17 23	160 23 56	1.0	1.50	2.00	2.00	500	N	N	N	20	300
PMF005C	55 15 41	160 20 6	1.0	.70	2.00	.50	500	N	N	N	<20	300
PMF006C	55 17 11	160 19 35	1.0	1.00	2.00	.50	300	N	N	N	20	7,000
PMF007C	55 37 57	161 16 7	1.0	.15	1.50	2.00	500	20	1,500	N	20	3,000
PMF008C	55 37 18	161 15 35	.7	.20	1.50	2.00	500	15	N	N	30	10,000
PMF009C	55 37 12	161 15 39	1.5	.15	1.50	2.00	500	N	500	N	20	10,000
PMF010C	55 35 11	161 16 52	7.0	.15	.50	>2.00	200	20	N	100	1,000	7,000
PMF011C	55 34 42	161 15 23	.7	.50	2.00	1.00	500	N	N	N	<20	1,000
PMF012C	55 36 27	161 12 4	5.0	.10	1.00	.30	150	N	N	N	20	2,000
PMF013C	55 34 12	161 10 19	.5	.15	.50	2.00	150	N	N	N	100	10,000
PMF014C	55 34 24	161 10 28	.5	.20	1.00	1.50	200	N	N	N	50	3,000
PMF015C	55 35 43	161 9 5	.5	.20	1.50	2.00	300	N	N	N	200	10,000
PMF016C	55 34 37	161 5 57	.7	.30	1.50	2.00	500	N	N	N	500	10,000
PMF017C	55 34 35	161 5 50	.5	.20	1.50	2.00	300	N	N	N	700	10,000
PMF018C	55 35 59	161 3 25	.7	.20	1.00	1.50	300	5	N	20	100	5,000
PMF019C	55 35 38	160 59 53	1.0	.30	1.00	2.00	500	N	N	N	70	1,000
PMF020C	55 35 33	160 59 42	.5	.30	1.00	2.00	500	N	N	N	200	10,000
PMF021C	55 27 29	160 59 1	.7	.20	1.00	2.00	500	N	N	N	100	3,000
PMF022C	55 29 7	161 4 0	.7	1.00	1.50	>2.00	700	N	N	N	50	700
PMF023C	55 26 3	161 10 0	7.0	10.00	10.00	1.50	1,500	N	N	N	50	150
PMF024C	55 31 36	160 54 18	<.1	.05	.10	2.00	150	150	N	1,000	<20	<50
PMF025C	55 33 19	160 57 50	.5	.15	1.00	2.00	300	N	N	N	20	700
PMF026C	55 32 24	161 3 0	.7	.20	.70	2.00	500	N	N	N	20	1,000
PMF027C	55 30 52	161 13 7	.7	.30	1.00	>2.00	500	N	N	N	200	5,000
PMF028C	55 31 50	161 17 23	1.0	.50	1.00	2.00	700	N	N	N	50	5,000
PMF029C	55 36 28	160 53 50	2.0	.50	1.50	>2.00	700	5	N	N	100	5,000
PMF030C	55 37 58	160 54 25	.3	.10	.70	2.00	200	N	N	N	150	>10,000
PMF031C	55 34 15	160 48 29	.5	.10	.70	>2.00	200	N	1,500	N	100	>10,000
PMF032C	55 34 28	160 48 49	5.0	.70	1.50	>2.00	1,000	N	N	N	200	7,000
PMF033C	55 40 51	160 47 3	.5	.15	1.00	>2.00	300	N	N	N	50	>10,000
PMF034C	55 42 57	160 46 0	.3	.15	1.00	>2.00	300	N	N	N	30	1,500
PMF035C	55 41 12	160 51 49	.7	.20	.50	1.00	200	N	N	N	300	>10,000
PMF036C	55 34 48	160 42 45	.7	.30	1.00	>2.00	500	N	<500	N	20	10,000
PMF037C	55 37 55	160 42 27	10.0	.07	<.10	2.00	<20	N	N	N	<20	1,500
PMF038C	55 39 42	160 39 57	7.0	.30	1.00	2.00	500	N	N	N	100	>10,000
PMF039C	55 34 14	160 37 30	5.0	.50	5.00	1.50	700	N	N	N	20	7,000
PMF040C	55 21 9	160 22 56	10.0	1.00	5.00	.50	500	N	N	N	<20	700
PMF041C	55 37 8	160 33 42	10.0	.20	3.00	.70	300	N	N	N	<20	5,000
PMF042C	55 35 10	160 35 20	10.0	.50	.50	2.00	200	1	N	N	500	10,000
PMF043C	55 33 35	160 34 48	10.0	.30	1.00	1.00	300	N	<500	N	100	2,000
PMF044C	55 36 19	160 28 0	20.0	.10	.20	1.50	100	1	N	N	20	3,000
PMF045C	55 34 40	160 26 20	.7	.15	.70	>2.00	300	200	N	300	300	10,000
PMF046C	55 39 8	160 27 28	.7	.15	.70	1.50	200	N	N	N	30	>10,000
PMF047C	55 39 2	160 27 49	1.0	.50	1.50	1.50	500	N	N	N	30	3,000
PMF048C	55 40 52	160 27 5	3.0	1.00	1.50	>2.00	500	20	N	100	300	>10,000
PMF049C	55 42 30	160 26 10	10.0	.70	1.00	1.50	300	N	N	N	50	>10,000
PMF050C	55 40 47	160 21 40	.5	.07	2.00	.70	150	N	N	N	<20	>10,000
PMF051C	55 36 22	160 23 20	7.0	.15	2.00	1.50	700	70	N	300	50	>10,000
PMF052C	55 32 30	160 30 30	1.5	.70	1.00	.70	300	N	N	N	50	1,500
PMF053C	55 32 24	160 29 20	1.0	.50	.70	2.00	300	N	N	N	100	1,500
PMF054C	55 48 39	160 0 5	10.0	.10	.10	.70	150	<1	N	N	<20	>10,000
PMF055C	55 46 25	160 3 3	7.0	1.50	5.00	>2.00	2,000	N	N	N	100	5,000
PMF056C	55 50 11	160 9 25	3.0	.15	10.00	>2.00	700	N	N	N	<20	1,000
PMF057C	55 50 0	160 11 47	2.0	.70	5.00	1.50	700	<1	N	N	20	1,000
PMF058C	55 47 30	160 12 30	.7	.30	7.00	>2.00	1,000	N	N	N	<20	700
PMF059C	55 47 20	160 9 28	7.0	.15	.70	2.00	150	N	N	N	200	10,000
PMF060C	55 44 20	160 1 40	3.0	1.00	5.00	>2.00	500	N	N	N	>5,000	700

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMF001C	N	N	N	15	150	15	70	N	N	N	50	N
PMF002C	N	N	N	10	300	150	N	<10	<50	N	<20	N
PMF003C	N	N	N	<10	200	N	50	N	<50	N	N	N
PMF004C	N	N	N	15	300	<10	50	N	N	10	<20	N
PMF005C	N	N	N	10	150	10	N	N	N	N	N	N
PMF006C	N	N	N	<10	150	<10	N	N	N	N	<20	N
PMF007C	N	N	N	15	50	10	200	<10	<50	N	5,000	N
PMF008C	N	N	N	10	70	10	150	N	<50	<10	3,000	N
PMF009C	N	N	N	20	30	15	150	N	<50	30	300	N
PMF010C	N	<20	200	50	70	300	300	N	70	20	100	N
PMF011C	N	N	N	N	50	N	70	N	N	N	20	N
PMF012C	<2	N	N	10	N	<10	N	N	N	50	20	N
PMF013C	<2	N	N	<10	50	<10	70	N	<50	N	30	N
PMF014C	<2	N	N	N	50	N	70	N	N	N	N	N
PMF015C	N	N	N	N	70	<10	70	N	<50	N	<20	N
PMF016C	N	N	N	<10	20	10	N	<10	<50	N	20	N
PMF017C	N	N	N	<10	30	<10	100	N	<50	N	N	N
PMF018C	N	N	N	<10	30	<10	N	N	N	N	50	N
PMF019C	N	N	N	10	50	10	50	50	N	N	N	N
PMF020C	N	N	N	10	100	<10	100	N	<50	N	20	N
PMF021C	N	N	N	10	70	<10	150	<10	50	N	<20	N
PMF022C	<2	N	N	<10	200	10	100	N	50	N	<20	N
PMF023C	<2	N	N	50	2,000	20	N	N	N	100	<20	N
PMF024C	N	N	N	N	100	N	100	N	N	N	50	N
PMF025C	N	N	N	<10	30	<10	100	N	N	N	<20	N
PMF026C	N	N	N	<10	70	<10	200	N	N	N	<20	N
PMF027C	N	N	N	<10	150	<10	150	N	<50	N	20	N
PMF028C	N	N	N	10	70	20	150	N	<50	N	30	N
PMF029C	N	N	N	20	100	15	50	100	N	20	3,000	N
PMF030C	N	N	N	10	70	<10	100	N	<50	N	50	N
PMF031C	N	N	N	15	70	10	200	N	<50	N	50	N
PMF032C	N	N	N	50	200	100	500	N	50	20	200	N
PMF033C	N	N	N	30	100	<10	100	N	50	30	30	N
PMF034C	N	N	N	<10	70	<10	150	N	N	N	<20	N
PMF035C	N	N	N	15	100	<10	100	N	N	30	50	N
PMF036C	N	N	50	30	100	50	200	10	<50	N	200	N
PMF037C	N	N	N	70	200	200	N	200	<50	50	20	N
PMF038C	N	N	N	70	100	100	<50	N	<50	50	200	N
PMF039C	N	N	<50	20	50	15	100	<10	N	N	<20	N
PMF040C	N	N	N	<10	200	<10	N	N	N	N	N	N
PMF041C	N	50	N	<10	N	<10	N	N	N	N	N	N
PMF042C	N	N	<50	<10	70	10	50	10	<50	N	100	N
PMF043C	N	N	N	50	50	15	N	N	N	20	20	N
PMF044C	N	N	200	100	20	200	N	10	<50	30	20	N
PMF045C	N	300	N	20	100	15	100	<10	50	N	200	N
PMF046C	N	N	N	10	50	<10	100	N	<50	N	<20	N
PMF047C	N	N	N	<10	50	<10	70	100	N	N	<20	N
PMF048C	N	N	N	20	100	20	100	N	50	<10	100	N
PMF049C	N	N	<50	30	150	20	70	N	<50	30	20	N
PMF050C	N	N	N	N	20	N	70	N	N	N	N	N
PMF051C	N	N	N	50	50	20	200	N	<50	20	50	N
PMF052C	<2	N	N	<10	100	<10	N	N	N	N	<20	N
PMF053C	<2	N	N	<10	100	<10	N	N	N	N	20	N
PMF054C	N	N	<50	200	<20	150	70	N	N	100	100	N
PMF055C	N	N	N	100	150	100	<50	N	50	50	300	N
PMF056C	2	N	N	20	20	10	150	N	<50	N	50	N
PMF057C	<2	N	N	15	30	70	100	N	N	N	70	N
PMF058C	2	N	N	<10	N	15	100	<10	50	N	20	N
PMF059C	N	N	50	30	70	15	50	20	<50	N	50	N
PMF060C	N	N	N	15	150	10	N	20	<50	N	70	N

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-fgpp aa
PMF001C	50	100	700	100	N	150	N	2,000	N	--
PMF002C	20	50	700	200	N	<20	N	100	N	--
PMF003C	30	N	500	70	N	100	N	>2,000	N	--
PMF004C	30	20	700	100	N	70	N	>2,000	N	--
PMF005C	30	N	1,000	70	N	20	N	2,000	N	--
PMF006C	200	N	1,000	100	N	50	N	>2,000	N	--
PMF007C	20	<20	500	70	N	200	N	>2,000	N	--
PMF008C	20	<20	700	70	N	150	N	>2,000	N	--
PMF009C	15	N	700	70	N	150	N	>2,000	N	--
PMF010C	30	20	500	100	N	100	5,000	>2,000	N	--
PMF011C	10	N	1,000	50	N	100	<500	>2,000	N	--
PMF012C	<10	N	700	20	N	50	N	>2,000	N	--
PMF013C	20	N	500	70	N	100	N	>2,000	N	--
PMF014C	15	N	700	50	N	70	N	>2,000	N	--
PMF015C	30	<20	500	100	N	100	N	>2,000	N	--
PMF016C	30	<20	500	150	N	70	N	2,000	N	--
PMF017C	20	N	500	70	N	100	N	>2,000	N	--
PMF018C	10	N	700	70	N	70	N	>2,000	N	--
PMF019C	10	N	500	70	N	100	N	>2,000	N	--
PMF020C	10	N	700	70	N	70	N	>2,000	N	--
PMF021C	<10	<20	500	70	N	150	N	>2,000	N	--
PMF022C	15	<20	300	100	N	100	N	>2,000	N	--
PMF023C	100	N	N	500	N	70	N	>2,000	N	N
PMF024C	<10	50	N	50	N	500	N	>2,000	N	6,100.0
PMF025C	10	N	500	70	N	100	N	>2,000	N	--
PMF026C	10	N	500	70	N	70	N	>2,000	N	--
PMF027C	10	N	500	150	N	150	N	>2,000	N	--
PMF028C	10	N	500	100	N	100	N	>2,000	N	--
PMF029C	<10	N	<200	100	N	150	500	>2,000	N	--
PMF030C	<10	N	700	100	N	150	N	>2,000	N	--
PMF031C	<10	N	700	100	N	150	500	>2,000	N	--
PMF032C	50	<20	1,000	200	N	300	N	>2,000	N	--
PMF033C	<10	N	1,000	100	N	150	N	>2,000	N	--
PMF034C	10	N	<200	70	N	200	N	>2,000	N	--
PMF035C	20	N	1,000	50	N	100	N	>2,000	N	--
PMF036C	50	N	500	100	N	200	1,000	>2,000	N	--
PMF037C	15	N	<200	100	<100	50	N	>2,000	N	--
PMF038C	10	N	1,000	100	N	200	1,000	>2,000	N	--
PMF039C	20	N	700	70	N	150	1,000	>2,000	N	--
PMF040C	30	N	1,000	70	N	20	N	>2,000	N	--
PMF041C	15	N	700	50	N	50	N	>2,000	N	--
PMF042C	20	20	1,000	500	N	50	500	500	N	--
PMF043C	10	N	700	100	N	50	N	2,000	N	--
PMF044C	20	N	<200	100	N	30	5,000	300	N	--
PMF045C	50	30	1,500	700	N	50	<500	>2,000	N	--
PMF046C	30	N	2,000	50	N	100	<500	>2,000	N	--
PMF047C	10	N	700	70	N	70	N	>2,000	N	--
PMF048C	30	N	500	100	N	200	N	>2,000	N	--
PMF049C	20	N	700	70	N	70	1,000	>2,000	N	--
PMF050C	10	N	3,000	20	N	50	N	>2,000	N	--
PMF051C	15	N	2,000	70	N	150	N	>2,000	N	--
PMF052C	10	N	700	70	N	30	N	1,000	N	--
PMF053C	10	N	500	100	N	70	N	>2,000	N	--
PMF054C	<10	N	2,000	30	N	50	1,500	2,000	N	--
PMF055C	50	N	N	500	N	200	N	>2,000	N	--
PMF056C	20	N	300	100	N	150	N	200	N	--
PMF057C	15	N	700	50	N	100	N	500	N	--
PMF058C	20	<20	500	70	N	100	N	500	N	--
PMF059C	<10	N	500	150	N	70	500	300	N	--
PMF060C	30	N	N	200	N	70	N	>2,000	N	--

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Lat	Long	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
PMF061C	55 43 28	160 5 42	3.0	2.00	3.00	>2.00	1,500	N	N	N	1,000	>10,000
PMF062C	55 40 52	160 13 41	5.0	1.00	2.00	2.00	500	N	N	N	1,000	>10,000
PMF063C	55 40 20	160 16 37	1.5	.70	1.50	2.00	300	N	N	N	1,000	>10,000
PMF064C	55 38 58	160 16 24	1.0	.20	.50	1.50	300	N	N	N	300	>10,000
PMF065C	55 38 31	160 17 15	3.0	.70	1.00	2.00	500	N	N	N	2,000	>10,000
PMF066C	55 41 59	160 19 27	5.0	.10	.50	.70	200	N	N	N	300	>10,000
PMF067C	55 16 26	160 34 6	.7	.50	1.50	>2.00	500	N	N	N	<20	10,000
PMF068C	55 20 28	160 34 15	5.0	.50	1.00	2.00	500	N	N	N	500	700
PMF069C	55 19 54	160 36 37	15.0	.70	2.00	2.00	700	N	2,000	N	300	1,500
PMF070C	55 51 24	160 37 34	.3	.15	2.00	>2.00	500	N	N	N	200	500
PMF071C	55 51 42	160 29 39	10.0	.30	1.50	2.00	500	N	N	N	50	70
PMF072C	55 48 5	160 28 25	1.0	.50	2.00	2.00	500	N	N	N	20	10,000
PMF073C	55 47 0	160 15 21	1.0	.15	.20	>2.00	30	N	N	N	20	3,000
PMF074C	55 45 28	160 19 18	1.0	.30	1.50	2.00	500	N	N	N	200	1,000
PMF075C	55 45 26	160 19 25	1.0	.70	2.00	2.00	500	N	N	N	500	5,000
PMF076C	55 45 57	160 33 0	.7	.15	1.00	>2.00	500	N	N	N	>5,000	10,000
PMF077C	55 45 2	160 37 30	.7	.20	2.00	>2.00	500	N	N	N	>5,000	300
PMF078C	55 44 54	160 36 15	.5	.20	1.50	>2.00	500	N	N	N	5,000	1,500
PMF079C	55 40 52	160 33 42	7.0	2.00	2.00	2.00	1,000	N	N	N	200	>10,000
PMF080C	55 18 4	160 39 42	1.0	.20	.20	2.00	150	N	N	N	150	500
PMF081C	55 21 10	160 47 59	.5	.20	5.00	1.50	500	N	N	N	20	300
PMF082C	55 19 30	160 48 38	.7	.30	3.00	1.00	300	N	N	N	<20	700
PMF083C	55 16 9	160 50 50	.7	.30	3.00	2.00	300	N	N	N	<20	500
PMF084C	55 14 35	160 35 25	10.0	.30	.15	2.00	300	N	N	N	20	1,000
PMF085C	55 13 54	160 34 24	.7	.30	.50	>2.00	300	<1	N	N	100	1,500
PMF086C	55 12 28	160 29 52	2.0	2.00	5.00	2.00	1,000	N	N	N	20	5,000
PMF088C	55 11 12	160 30 37	.5	.50	1.50	>2.00	200	N	N	N	20	300
PMF090C	55 11 43	160 33 9	1.0	.50	2.00	.70	300	3	N	N	<20	700
PMF091C	55 11 30	160 32 8	10.0	.07	<.10	1.50	70	2	N	N	<20	3,000
PMF092C	55 16 45	160 39 8	10.0	.10	.15	2.00	100	2	N	N	100	2,000
PMF093C	55 14 57	160 42 21	1.0	.50	1.00	2.00	500	N	N	N	20	5,000
PMF094C	55 12 21	160 44 15	.3	.20	1.00	1.00	200	N	N	N	<20	700
PMF096C	55 9 38	160 47 5	1.0	.20	3.00	.70	300	N	N	N	<20	700
PMF098C	55 11 16	160 48 58	1.0	.20	3.00	.70	500	N	N	N	<20	700
PMF099C	55 12 44	160 48 20	.7	.30	2.00	1.00	300	N	N	N	20	500
PMF100C	55 12 38	160 41 14	10.0	.30	.70	1.50	300	N	N	N	1,000	>10,000
PMF101C	55 12 15	160 39 2	1.0	.15	.70	1.50	70	<1	N	N	<20	>10,000
PMF102C	55 9 23	160 30 5	.5	.20	1.50	>2.00	300	N	N	N	300	2,000
PMF103C	55 9 57	160 37 39	1.0	.20	.70	1.50	200	N	N	N	100	10,000
PMF104C	55 16 42	160 46 51	.7	.30	1.50	1.50	300	N	N	N	20	300
PMF105C	55 41 7	161 16 58	.7	.50	1.50	1.50	300	2	N	<20	30	1,000
PMF106C	55 44 16	161 17 16	.5	.20	1.00	2.00	500	N	N	N	30	700
PMF107C	55 42 47	161 7 39	.5	.20	1.50	>2.00	500	N	N	N	50	700
PMF108C	55 40 30	161 2 35	.7	.30	1.00	2.00	300	N	N	N	500	700
PMF109C	55 46 29	161 1 25	.7	.70	7.00	>2.00	1,500	N	N	N	30	100
PMF110C	55 49 30	161 4 40	.7	1.00	2.00	2.00	700	1	N	<20	70	200
PMF111C	55 46 51	161 7 46	.3	.15	1.50	>2.00	500	N	N	N	150	500
PMF112C	55 45 33	160 57 37	.5	.30	2.00	>2.00	700	N	N	N	20	300
PMF113C	55 31 54	160 54 53	1.0	3.00	1.50	2.00	500	N	N	N	70	<50
PMF114C	55 31 8	160 40 55	.7	.50	1.50	1.50	300	N	N	N	20	1,000
PMF115C	55 18 40	160 3 25	.5	.70	1.00	>2.00	500	N	N	N	200	500
PMF116C	55 19 36	160 6 5	3.0	.70	1.50	1.50	500	20	N	N	300	10,000
PMF117C	55 19 42	160 6 14	.5	.30	2.00	1.00	300	N	N	N	20	500
PMF118C	55 23 2	160 8 50	.7	.30	.70	>2.00	150	N	N	N	200	300
PMF119C	55 25 21	160 9 26	.7	.70	1.00	2.00	300	N	N	N	200	300
PMF120C	55 27 9	160 17 48	.7	1.00	2.00	.70	200	N	N	N	700	1,500
PMF121C	55 25 5	160 20 30	.5	1.00	2.00	.50	300	N	N	N	30	300
PMF122C	55 32 42	161 8 25	.7	.20	1.00	1.50	500	N	N	N	100	>10,000
PMF123C	55 33 55	161 20 29	.7	.20	.50	1.50	300	N	N	N	70	700
PMF124C	55 30 40	161 21 9	.7	.20	1.00	2.00	200	N	N	N	20	1,000

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMF061C	N	N	N	30	300	50	100	10	50	<10	200	N
PMF062C	N	N	N	50	100	50	N	20	<50	50	2,000	N
PMF063C	N	N	N	20	150	20	150	N	<50	20	20	N
PMF064C	N	N	N	10	100	<10	150	N	<50	N	50	N
PMF065C	N	N	N	20	150	20	200	20	50	20	200	N
PMF066C	N	N	<50	20	20	15	N	<10	N	30	20	N
PMF067C	N	N	N	<10	70	<10	70	N	N	N	50	N
PMF068C	N	N	N	<10	100	10	150	<10	50	N	<20	N
PMF069C	N	N	N	20	100	150	200	10	50	N	100	N
PMF070C	N	<20	N	N	50	<10	300	N	50	N	<20	N
PMF071C	N	N	N	10	150	15	100	N	<50	10	500	N
PMF072C	N	N	N	10	70	10	N	N	N	15	50	N
PMF073C	N	N	N	10	30	<10	N	<10	<50	N	30	N
PMF074C	N	N	N	<10	100	10	N	N	N	N	<20	N
PMF075C	<2	N	N	10	150	15	N	N	N	30	N	N
PMF076C	N	N	<50	20	50	10	200	<10	<50	20	70	N
PMF077C	<2	N	N	<10	20	10	300	<10	<50	N	N	N
PMF078C	N	N	N	<10	50	<10	300	<10	<50	N	20	N
PMF079C	N	N	N	50	200	100	100	N	<50	10	100	N
PMF080C	N	N	N	15	100	100	70	20	N	N	50	N
PMF081C	N	N	N	N	30	<10	100	N	N	N	N	N
PMF082C	N	N	N	N	50	<10	N	N	N	N	70	N
PMF083C	N	N	N	N	50	<10	N	N	N	N	N	N
PMF084C	N	N	<50	100	30	200	N	N	N	50	50	N
PMF085C	N	N	N	20	200	20	50	<10	<50	N	20	N
PMF086C	N	N	N	10	200	10	N	N	N	N	50	N
PMF088C	<2	N	N	<10	100	<10	70	N	<50	N	150	N
PMF090C	<2	N	N	10	150	15	N	N	N	<10	150	N
PMF091C	N	N	200	30	150	200	N	N	N	20	50	N
PMF092C	N	N	70	100	100	500	50	50	N	30	70	N
PMF093C	N	N	N	20	100	20	100	N	<50	N	70	N
PMF094C	<2	N	N	N	50	<10	70	N	N	N	N	N
PMF096C	<2	N	N	<10	20	<10	70	N	N	N	<20	N
PMF098C	<2	N	N	15	70	<10	100	N	N	<10	100	N
PMF099C	<2	N	N	<10	50	<10	50	N	N	N	N	N
PMF100C	N	N	70	70	50	50	N	N	N	30	<20	N
PMF101C	N	100	<50	<10	100	10	N	<10	N	N	150	N
PMF102C	N	N	N	<10	70	<10	150	N	50	N	<20	N
PMF103C	N	N	N	20	100	20	100	N	N	N	20	N
PMF104C	N	N	N	<10	70	<10	50	N	N	N	N	N
PMF105C	N	N	N	<10	50	<10	50	N	<50	N	<20	N
PMF106C	N	N	N	N	50	N	100	N	<50	N	<20	N
PMF107C	N	N	N	N	50	N	150	N	50	N	<20	N
PMF108C	N	<20	N	15	50	<10	70	N	<50	N	<20	N
PMF109C	N	N	N	10	70	<10	500	<10	70	N	<20	N
PMF110C	N	N	N	10	100	N	150	N	N	N	20	N
PMF111C	N	N	N	<10	50	N	150	N	<50	N	<20	N
PMF112C	N	N	N	<10	30	N	200	N	50	N	<20	N
PMF113C	N	N	N	20	500	<10	70	N	50	30	N	N
PMF114C	<2	N	N	<10	50	N	70	<10	50	N	N	N
PMF115C	N	N	N	10	70	<10	70	N	N	N	<20	N
PMF116C	N	30	N	20	150	10	50	N	N	20	200	N
PMF117C	<2	N	N	N	70	N	N	N	N	N	N	N
PMF118C	<2	N	N	10	200	<10	150	N	<50	N	20	N
PMF119C	N	N	N	<10	200	<10	100	N	<50	N	<20	N
PMF120C	N	N	N	<10	200	N	N	N	N	N	N	N
PMF121C	N	N	N	<10	300	N	N	N	N	10	N	N
PMF122C	N	N	N	30	70	10	100	<10	<50	30	70	N
PMF123C	<2	N	N	<10	50	<10	N	N	N	N	N	N
PMF124C	<2	N	N	10	50	<10	N	<10	N	N	N	N

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ugpp aa
PMF061C	50	20	1,000	300	N	300	N	>2,000	N	--
PMF062C	30	N	700	200	N	150	N	>2,000	N	--
PMF063C	10	N	1,000	100	N	100	N	>2,000	N	--
PMF064C	<10	N	1,000	70	N	70	N	>2,000	N	--
PMF065C	20	N	1,000	200	N	200	1,000	>2,000	N	--
PMF066C	<10	N	2,000	30	N	30	500	2,000	N	--
PMF067C	15	<20	500	100	N	70	N	2,000	N	--
PMF068C	15	N	500	100	N	150	N	>2,000	N	--
PMF069C	20	N	200	200	N	150	2,000	>2,000	N	--
PMF070C	15	20	<200	100	N	300	N	>2,000	N	--
PMF071C	<10	100	200	50	N	150	N	>2,000	N	--
PMF072C	15	N	1,000	70	N	100	<500	>2,000	N	--
PMF073C	<10	<20	500	150	N	50	N	200	N	--
PMF074C	10	N	200	100	N	70	N	>2,000	N	--
PMF075C	15	N	500	150	N	100	N	>2,000	N	--
PMF076C	10	<20	500	50	N	300	1,000	>2,000	N	--
PMF077C	15	<20	<200	70	N	200	N	>2,000	N	--
PMF078C	15	<20	<200	100	N	300	N	>2,000	N	--
PMF079C	50	<20	1,000	200	N	200	N	>2,000	N	--
PMF080C	10	20	500	500	N	50	500	1,000	N	--
PMF081C	15	N	700	50	N	150	N	>2,000	N	--
PMF082C	10	N	1,000	50	N	70	N	>2,000	N	--
PMF083C	15	N	1,000	70	N	100	N	>2,000	N	--
PMF084C	15	N	200	100	N	30	700	1,000	N	--
PMF085C	10	50	<200	200	<100	70	500	1,000	N	--
PMF086C	30	N	1,000	200	N	150	N	>2,000	N	--
PMF088C	10	70	700	100	N	70	N	>2,000	N	--
PMF090C	10	N	700	50	N	30	N	2,000	N	--
PMF091C	<10	N	200	200	N	<20	5,000	500	N	--
PMF092C	<10	<20	500	200	N	50	1,500	1,000	N	--
PMF093C	10	<20	500	150	N	100	500	>2,000	N	--
PMF094C	10	N	500	50	N	100	N	>2,000	N	--
PMF096C	10	N	1,000	50	N	50	N	>2,000	N	--
PMF098C	15	N	700	30	N	150	N	>2,000	N	--
PMF099C	15	N	700	50	N	50	N	>2,000	N	--
PMF100C	10	N	700	100	N	30	1,500	1,000	N	--
PMF101C	<10	N	1,500	150	N	<20	1,000	150	N	--
PMF102C	15	<20	200	70	N	200	N	>2,000	N	--
PMF103C	15	N	500	300	N	20	N	700	N	--
PMF104C	15	N	500	50	N	50	N	>2,000	N	--
PMF105C	20	N	700	70	N	70	N	>2,000	N	--
PMF106C	20	N	500	70	N	150	N	>2,000	N	--
PMF107C	15	<20	500	100	N	150	N	>2,000	N	--
PMF108C	20	30	500	100	N	100	N	>2,000	N	--
PMF109C	30	500	500	150	N	500	N	>2,000	N	--
PMF110C	30	<20	500	70	N	150	N	>2,000	N	--
PMF111C	20	50	<200	100	N	200	N	>2,000	N	--
PMF112C	15	<20	500	70	N	200	N	>2,000	N	--
PMF113C	70	N	<200	100	N	150	N	>2,000	N	--
PMF114C	15	20	500	70	N	100	N	>2,000	N	--
PMF115C	20	N	500	200	N	50	N	>2,000	N	--
PMF116C	20	N	500	100	N	100	500	>2,000	N	--
PMF117C	10	N	700	70	N	50	N	>2,000	N	--
PMF118C	50	N	<200	70	N	500	N	>2,000	N	--
PMF119C	30	N	500	70	N	150	N	>2,000	N	--
PMF120C	20	N	700	50	N	30	N	>2,000	N	--
PMF121C	20	N	700	50	N	30	N	>2,000	N	--
PMF122C	20	<20	500	70	N	70	N	>2,000	N	--
PMF123C	20	N	300	70	N	70	N	>2,000	N	--
PMF124C	15	N	300	50	N	70	N	>2,000	N	--

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Lat	Long	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
PMF125C	55 24 49	161 29 3	1.5	1.00	1.50	2.00	500	N	N	N	700	10,000
PMF126C	55 38 47	160 49 1	.5	.20	1.00	>2.00	300	N	N	N	100	>10,000
PMF127C	55 43 38	160 42 0	1.5	.50	.50	1.00	300	N	N	N	100	3,000
PMF128C	55 31 46	160 28 20	5.0	.15	.50	.50	100	N	N	N	<20	>10,000
PMF129C	55 31 12	160 31 0	3.0	.30	1.00	.70	200	N	N	N	20	1,500
PMF130C	55 21 47	161 29 9	1.5	.70	5.00	.70	300	N	N	N	5,000	10,000
PMF131C	55 23 4	161 20 15	.7	.70	2.00	1.50	500	N	N	N	200	3,000
PMF132C	55 23 40	161 8 0	.2	.15	.30	2.00	100	N	N	N	<20	700
PMF133C	55 27 35	160 41 59	.7	.20	1.50	.50	200	N	N	N	<20	300
PMF134C	55 32 30	160 22 18	.7	.70	1.50	.70	200	N	N	N	500	700
PMF135C	55 28 8	161 8 40	.7	.70	1.50	2.00	500	N	N	N	20	700
PMF136C	55 40 34	160 58 45	.5	.20	1.00	2.00	300	N	N	N	2,000	5,000
PMF137C	55 41 42	161 3 11	.5	.30	1.50	2.00	300	N	N	N	1,500	700
PMF138C	55 28 10	160 49 20	.7	.30	1.50	.70	500	N	N	N	20	300
PMF139C	55 44 22	160 58 51	.5	.30	5.00	2.00	700	N	N	N	1,000	700
PMF140C	55 56 43	159 45 52	2.0	.20	2.00	.70	200	N	N	N	50	5,000
PMF141C	55 54 58	159 45 0	1.0	.30	1.50	1.00	200	N	N	N	20	1,500
PMF142C	55 53 38	159 43 3	.7	.50	2.00	1.50	300	N	N	N	5,000	1,500
PMF143C	55 49 14	159 51 20	2.0	.15	1.00	2.00	500	1	N	N	150	>10,000
PMF144C	55 53 3	159 50 23	1.0	.15	1.00	2.00	200	N	N	N	200	7,000
PMF145C	55 52 32	159 53 53	10.0	.15	.70	.70	200	N	N	N	20	3,000
PMF146C	55 52 52	159 57 34	7.0	.20	1.00	1.00	200	N	500	N	200	5,000
PMF147C	55 47 48	159 59 41	10.0	.10	.30	2.00	50	N	N	N	N	700
PMF148C	55 51 3	160 1 52	10.0	.50	.50	.70	500	<1	<500	N	N	5,000
PMF149C	55 45 59	160 3 46	7.0	.20	2.00	1.00	500	N	<500	N	20	2,000
PMF150C	55 42 29	160 10 10	2.0	.30	2.00	2.00	300	N	N	N	200	700
PMF151C	55 39 22	160 22 37	2.0	.50	.70	.70	200	N	N	N	50	>10,000
PMF152C	55 40 47	160 21 56	1.5	.15	.30	.70	150	N	N	N	500	>10,000
PMF153C	55 44 3	160 25 4	7.0	.10	.50	1.50	200	<1	N	N	<20	10,000
PMF154C	55 40 17	160 25 28	2.0	.50	1.50	1.50	300	N	N	N	5,000	10,000
PMF155C	55 37 29	160 32 48	7.0	.10	.30	1.00	150	N	N	N	<20	3,000
PMF156C	55 36 41	161 37 50	7.0	.20	1.50	.70	500	N	N	N	20	700
PMF157C	55 49 36	160 34 35	.5	.20	1.50	>2.00	500	N	N	N	200	5,000
PMF158C	55 55 40	160 19 35	.7	.15	1.00	>2.00	500	N	N	N	70	1,000
PMF159C	55 56 0	160 18 40	.7	.20	1.50	.70	300	N	N	N	20	700
PMF160C	55 59 37	160 29 28	.5	.20	1.50	2.00	300	N	N	N	20	700
PMF161C	55 55 22	160 28 35	.7	.30	1.50	1.00	300	N	N	N	20	1,000
PMF162C	55 52 54	160 21 30	.7	.20	1.00	>2.00	300	N	N	N	100	300
PMF163C	55 51 41	160 17 42	1.0	.30	1.00	>2.00	500	N	N	N	70	7,000
PMF164C	55 52 33	160 11 59	1.0	.50	1.50	2.00	500	N	N	N	20	10,000
PMF165C	55 52 35	160 11 50	10.0	.20	.70	1.00	200	N	<500	N	20	3,000
PMF166C	55 55 48	160 12 5	.7	.70	1.50	2.00	500	N	N	N	50	700
PMF167C	55 56 53	160 15 6	1.0	1.00	2.00	.30	500	N	N	N	20	700
PMF168C	55 59 10	160 10 57	.5	.15	2.00	.70	500	<1	N	N	20	700
PMF169C	55 59 25	160 5 15	.7	.30	1.50	2.00	300	2	N	N	30	1,000
PMF170C	55 58 26	160 2 54	10.0	.20	1.00	1.50	300	N	N	N	50	5,000
PMF171C	55 55 50	160 4 50	15.0	.15	1.00	1.50	300	N	1,000	N	<20	7,000
PMF172C	55 54 58	160 6 18	20.0	.20	.15	.50	200	N	<500	N	<20	3,000
PMF173C	55 35 3	159 37 48	5.0	7.00	10.00	.50	1,000	N	N	N	500	50
PMF174C	55 37 37	159 36 4	5.0	5.00	10.00	1.00	1,000	N	N	N	2,000	10,000
PMF175C	55 39 3	159 33 52	2.0	5.00	3.00	>2.00	1,000	N	N	N	200	700
PMF177C	55 41 39	159 33 18	2.0	2.00	3.00	>2.00	1,000	N	N	N	500	500
PMF178C	55 41 47	159 35 17	5.0	5.00	7.00	2.00	2,000	N	N	N	100	500
PMF179C	55 43 11	159 33 21	5.0	1.50	5.00	2.00	700	N	N	N	50	>10,000
PMF180C	55 46 12	159 38 39	10.0	2.00	1.00	>2.00	700	N	N	N	50	>10,000
PMF182C	55 59 16	158 39 0	2.0	1.00	5.00	>2.00	700	N	N	N	2,000	700
PMF183C	55 58 5	158 39 52	1.5	1.00	5.00	1.00	1,000	N	N	N	200	200
PMF185C	55 52 35	158 50 56	2.0	2.00	7.00	>2.00	2,000	N	N	N	700	100
PMF186C	55 50 23	158 43 23	2.0	1.50	10.00	2.00	2,000	N	N	N	150	50
PMF187C	55 51 29	158 47 43	2.0	2.00	5.00	1.50	1,500	N	N	N	150	100

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm 5	Bi-ppm 5	Cd-ppm 5	Co-ppm 5	Cr-ppm 5	Cu-ppm 5	La-ppm 5	Mo-ppm 5	Nb-ppm 5	Ni-ppm 5	Pb-ppm 5	Sb-ppm 5
PMF125C	N	N	N	10	300	10	N	N	N	20	<20	N
PMF126C	<2	N	N	<10	100	<10	200	<10	50	N	20	N
PMF127C	<2	N	N	10	150	10	N	<10	<50	30	<20	N
PMF128C	<2	N	N	10	N	15	N	N	N	N	N	N
PMF129C	<2	N	N	10	20	10	N	N	N	N	N	N
PMF130C	N	N	N	30	200	<10	N	N	N	30	N	N
PMF131C	N	N	N	<10	150	10	50	<10	N	N	<20	N
PMF132C	N	<20	N	N	100	N	100	<10	<50	N	300	N
PMF133C	<2	N	N	N	20	N	N	N	N	N	N	N
PMF134C	<2	N	N	<10	200	N	N	<10	N	N	N	N
PMF135C	<2	N	N	<10	200	<10	100	N	<50	N	N	N
PMF136C	N	N	N	<10	70	<10	150	<10	<50	N	<20	N
PMF137C	<2	N	N	<10	50	N	150	N	50	N	N	N
PMF138C	N	N	N	<10	30	N	N	N	N	N	N	N
PMF139C	N	N	N	<10	50	<10	200	<10	<50	N	N	N
PMF140C	N	N	N	20	50	15	N	N	N	N	<20	N
PMF141C	<2	N	N	10	50	<10	70	N	<50	N	<20	N
PMF142C	N	N	N	10	150	<10	100	N	50	N	<20	N
PMF143C	N	N	200	50	50	150	150	50	<50	10	70	N
PMF144C	N	N	N	15	70	10	100	<10	<50	N	<20	N
PMF145C	N	N	N	70	70	50	N	<10	N	50	<20	N
PMF146C	N	N	N	50	50	50	100	N	N	50	70	N
PMF147C	N	N	N	100	50	70	N	10	<50	30	<20	N
PMF148C	N	N	N	50	50	150	N	N	N	30	70	N
PMF149C	N	N	N	50	70	50	150	N	N	10	20	N
PMF150C	N	N	N	30	20	70	150	30	N	N	150	N
PMF151C	N	N	N	30	150	15	70	N	N	10	20	N
PMF152C	N	N	N	15	70	10	70	N	N	<10	<20	N
PMF153C	N	N	N	50	30	100	150	N	<50	50	70	N
PMF154C	<2	N	N	15	100	10	100	N	N	<10	<20	N
PMF155C	N	N	N	50	20	100	N	N	N	20	<20	N
PMF156C	N	N	N	30	30	20	50	N	N	N	N	N
PMF157C	N	N	N	N	70	<10	200	<10	<50	N	20	N
PMF158C	N	N	N	10	100	10	200	10	50	N	N	N
PMF159C	<2	N	N	<10	50	N	50	N	N	N	N	N
PMF160C	N	N	N	<10	70	N	150	<10	<50	N	N	N
PMF161C	<2	N	N	<10	100	15	50	N	<50	N	N	N
PMF162C	N	20	N	10	150	<10	200	<10	50	N	N	N
PMF163C	N	N	N	20	200	10	150	N	50	N	<20	N
PMF164C	N	N	N	30	100	20	200	N	<50	20	20	N
PMF165C	N	N	N	70	50	100	100	N	<50	20	20	N
PMF166C	N	N	N	<10	150	<10	100	<10	50	N	N	N
PMF167C	N	N	N	<10	150	10	50	N	N	N	N	N
PMF168C	<2	N	N	N	20	N	150	N	N	N	N	N
PMF169C	N	N	N	<10	100	15	100	<10	50	N	N	N
PMF170C	N	N	N	50	50	20	N	N	N	30	20	N
PMF171C	N	N	N	100	30	50	N	N	N	50	50	N
PMF172C	N	N	N	100	50	150	N	N	N	30	<20	N
PMF173C	N	N	N	50	2,000	10	70	N	N	100	N	N
PMF174C	N	N	N	50	1,000	20	N	N	N	50	3,000	N
PMF175C	<2	N	N	30	700	1,000	100	N	50	20	100	N
PMF177C	<2	N	N	30	500	15	50	N	<50	N	N	N
PMF178C	<2	N	N	50	700	100	200	N	N	50	<20	N
PMF179C	<2	N	N	20	200	100	N	N	N	N	<20	N
PMF180C	N	N	N	100	300	200	N	N	<50	70	20	N
PMF182C	<2	N	N	20	100	150	50	N	N	N	<20	N
PMF183C	<2	N	N	10	30	10	70	N	N	N	<20	N
PMF185C	<2	N	N	10	100	10	500	N	N	N	<20	N
PMF186C	<2	N	N	<10	100	10	500	N	N	N	<20	N
PMF187C	<2	N	N	10	50	<10	70	N	N	N	<20	N

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
PMF125C	20	N	500	100	N	50	N	2,000	N	--
PMF126C	20	<20	1,000	70	N	150	N	>2,000	N	--
PMF127C	15	N	200	70	N	50	N	2,000	N	--
PMF128C	10	N	1,000	30	N	30	N	>2,000	N	--
PMF129C	10	N	500	70	N	20	N	1,000	N	--
PMF130C	15	30	700	70	N	20	700	2,000	N	--
PMF131C	20	<20	700	150	N	50	N	>2,000	N	--
PMF132C	30	70	N	70	N	200	N	>2,000	N	--
PMF133C	10	<20	1,000	50	N	20	N	2,000	N	--
PMF134C	15	N	700	70	N	30	N	2,000	N	--
PMF135C	20	<20	300	100	N	100	N	>2,000	N	--
PMF136C	20	<20	300	100	N	150	N	>2,000	N	--
PMF137C	15	<20	300	100	N	150	N	>2,000	N	--
PMF138C	15	N	700	50	N	50	N	>2,000	N	--
PMF139C	20	<20	700	100	N	200	N	>2,000	N	--
PMF140C	10	N	700	50	N	50	N	2,000	N	--
PMF141C	15	N	700	70	N	70	N	1,000	N	--
PMF142C	15	30	500	70	N	100	N	>2,000	N	--
PMF143C	20	N	2,000	70	N	100	500	>2,000	N	--
PMF144C	20	N	500	70	N	100	N	>2,000	N	--
PMF145C	10	N	300	50	N	30	700	2,000	N	--
PMF146C	15	<20	500	30	N	150	N	>2,000	N	--
PMF147C	10	<20	N	100	100	100	N	2,000	N	--
PMF148C	10	N	500	50	N	50	N	500	N	--
PMF149C	10	N	500	70	N	150	N	>2,000	N	--
PMF150C	20	N	700	70	N	100	N	>2,000	N	--
PMF151C	20	N	1,000	50	N	70	N	>2,000	N	--
PMF152C	15	50	1,000	30	N	50	500	2,000	N	--
PMF153C	20	N	500	50	N	50	500	2,000	N	--
PMF154C	15	N	700	70	N	70	500	>2,000	N	--
PMF155C	15	N	300	50	N	50	500	2,000	N	--
PMF156C	<10	N	700	50	N	70	N	2,000	N	--
PMF157C	50	20	500	100	N	200	500	>2,000	N	--
PMF158C	20	70	200	100	N	200	N	>2,000	N	--
PMF159C	10	N	700	70	N	50	N	>2,000	N	--
PMF160C	20	20	700	50	N	150	N	>2,000	N	--
PMF161C	15	N	700	50	N	70	N	>2,000	N	--
PMF162C	20	20	200	70	N	200	N	>2,000	N	--
PMF163C	30	30	500	50	N	150	N	>2,000	N	--
PMF164C	30	50	1,000	50	N	150	N	>2,000	N	--
PMF165C	10	N	200	50	N	100	N	>2,000	N	--
PMF166C	20	N	700	70	N	100	N	>2,000	N	--
PMF167C	30	<20	1,000	50	N	50	N	700	N	--
PMF168C	<10	N	700	50	N	100	N	>2,000	N	--
PMF169C	10	50	700	70	N	100	N	>2,000	N	--
PMF170C	20	N	500	70	N	70	N	>2,000	N	--
PMF171C	10	N	500	50	N	70	N	>2,000	N	--
PMF172C	10	N	200	50	N	<20	<500	20	N	--
PMF173C	100	N	<200	500	N	50	N	>2,000	N	.4
PMF174C	70	N	<200	700	N	70	N	>2,000	N	--
PMF175C	100	N	N	500	N	1,000	N	>2,000	N	--
PMF177C	70	50	<200	500	N	1,000	N	>2,000	N	N
PMF178C	100	<20	1,000	500	N	200	N	>2,000	N	--
PMF179C	30	N	1,000	200	N	50	N	>2,000	N	N
PMF180C	50	N	500	500	N	100	1,000	>2,000	N	--
PMF182C	30	N	500	200	N	200	N	>2,000	N	80.0
PMF183C	20	N	500	100	N	150	N	>2,000	N	--
PMF185C	50	N	500	200	N	500	N	>2,000	N	N
PMF186C	50	N	200	200	N	700	N	>2,000	N	--
PMF187C	30	N	200	200	N	150	N	>2,000	N	--

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Lat	Long	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
PMF188C	55 52 56	158 46 50	1.0	.50	3.00	.50	700	N	N	N	70	150
PMF189C	55 59 5	159 4 57	5.0	1.50	5.00	2.00	700	N	N	N	>5,000	>10,000
PMF190C	55 57 24	159 7 20	1.5	.50	1.00	2.00	200	N	N	N	100	>10,000
PMF191C	55 56 7	159 5 10	2.0	2.00	5.00	>2.00	1,500	N	N	N	70	700
PMF192C	55 50 54	159 7 10	3.0	5.00	7.00	.70	1,500	N	N	N	50	200
PMF193C	55 50 30	159 6 56	5.0	5.00	7.00	>2.00	2,000	N	N	N	200	300
PMF194C	55 51 40	159 4 6	5.0	7.00	15.00	1.00	2,000	N	N	N	>5,000	100
PMF195C	55 54 42	159 11 14	10.0	10.00	5.00	1.50	2,000	N	N	N	100	200
PMF196C	55 56 17	159 14 52	3.0	2.00	5.00	>2.00	2,000	N	N	N	5,000	>10,000
PMF197C	55 59 37	159 10 27	2.0	1.50	7.00	>2.00	2,000	N	N	N	500	500
PMF198C	55 59 16	159 15 33	3.0	2.00	5.00	>2.00	1,500	N	N	N	500	10,000
PMF199C	55 59 58	159 17 51	5.0	7.00	5.00	>2.00	2,000	N	N	N	50	>10,000
PMF200C	55 52 28	159 18 26	2.0	5.00	3.00	>2.00	2,000	N	N	N	100	700
PMF701C	55 47 52	159 18 14	2.0	1.00	5.00	.50	500	N	N	N	3,000	500
PMF702C	55 45 34	159 18 27	1.5	1.50	7.00	2.00	2,000	N	N	N	200	300
PMF703C	55 46 15	159 20 32	2.0	2.00	5.00	2.00	700	N	N	N	300	700
PMF704C	55 44 26	159 22 37	3.0	3.00	5.00	2.00	2,000	N	N	N	70	>10,000
PMF705C	55 48 7	159 24 27	1.0	.50	3.00	>2.00	500	N	N	N	200	>10,000
PMF706C	55 51 10	159 24 17	2.0	1.00	3.00	>2.00	500	5	N	20	70	700
PMF707C	55 51 29	159 24 10	30.0	.30	1.50	2.00	200	2	1,000	N	20	3,000
PMF708C	55 52 43	159 22 27	1.5	.70	2.00	>2.00	700	N	N	N	50	500
PMF709C	55 53 23	159 23 35	2.0	1.00	2.00	>2.00	1,000	50	N	N	50	1,500
PMF710C	55 54 23	159 23 7	1.0	.50	2.00	>2.00	500	N	N	N	70	5,000
PMF711C	55 55 37	159 21 30	3.0	1.00	10.00	2.00	1,000	N	N	N	>5,000	7,000
PMF712C	55 55 43	159 21 55	2.0	1.50	5.00	>2.00	700	N	N	N	>5,000	>10,000
PMF713C	55 59 20	159 24 13	5.0	5.00	7.00	.70	1,000	N	N	N	70	500
PMF714C	55 59 35	159 23 59	5.0	5.00	7.00	1.50	1,000	N	N	N	50	300
PMF715C	55 58 52	159 29 15	15.0	5.00	5.00	.70	1,000	N	N	N	50	500
PMF716C	55 59 47	159 36 19	10.0	.70	3.00	>2.00	500	N	N	N	50	>10,000
PMF717C	55 58 38	159 38 53	2.0	.70	2.00	>2.00	500	N	N	N	50	700
PMF718C	55 57 3	159 39 15	10.0	.70	5.00	.50	300	N	N	N	>5,000	>10,000
PMF719C	55 52 21	159 36 21	2.0	2.00	5.00	>2.00	2,000	N	N	N	>5,000	10,000
PMF720C	55 50 46	159 33 15	2.0	1.50	5.00	>2.00	1,500	N	N	N	500	1,500
PMF721C	55 48 14	159 34 16	2.0	1.00	3.00	>2.00	1,000	N	N	N	100	1,000
PMF722C	55 10 18	160 1 31	--	--	--	--	--	--	--	--	--	--
PMF723C	55 11 46	160 0 25	--	--	--	--	--	--	--	--	--	--
PMF724C	55 10 44	159 56 40	--	--	--	--	--	--	--	--	--	--
PMF725C	55 12 16	159 55 40	--	--	--	--	--	--	--	--	--	--
PMF726C	55 16 37	159 53 27	--	--	--	--	--	--	--	--	--	--
PMF727C	55 15 48	159 51 10	--	--	--	--	--	--	--	--	--	--
PMF728C	55 15 54	159 51 15	--	--	--	--	--	--	--	--	--	--
PMF729C	55 9 32	159 54 0	--	--	--	--	--	--	--	--	--	--
PMF730C	54 56 57	160 10 17	--	--	--	--	--	--	--	--	--	--
PMF731C	54 56 12	160 13 10	2.0	1.50	2.00	>2.00	1,500	N	N	N	50	300
PMF732C	54 55 41	160 14 34	2.0	2.00	3.00	>2.00	2,000	20	N	20	50	500
PMF733C	54 58 43	160 11 19	--	--	--	--	--	--	--	--	--	--
PMF734C	55 2 0	160 5 17	1.5	1.00	1.00	>2.00	700	N	N	N	50	300
PMF735CI	55 3 5	160 9 8	1.5	.70	2.00	2.00	700	N	N	N	50	100
PMF736C	55 3 48	160 7 0	2.0	2.00	5.00	2.00	2,000	N	N	N	150	150
PMF737C	55 4 13	160 5 16	3.0	2.00	3.00	>2.00	2,000	N	N	N	150	150
PMF738C	55 5 24	160 7 12	2.0	1.50	5.00	2.00	1,000	N	N	N	500	500
PMF739C	55 6 52	160 9 38	--	--	--	--	--	--	--	--	--	--
PMF740CI	55 7 15	160 5 56	5.0	2.00	2.00	2.00	1,500	70	N	200	50	500
PMF741C	55 9 3	160 5 46	--	--	--	--	--	--	--	--	--	--
PMF742CI	55 7 52	159 56 41	3.0	2.00	2.00	>2.00	1,500	N	N	N	50	300
PMF743CI	55 7 6	159 58 10	2.0	1.00	1.50	>2.00	700	N	N	N	50	50
PMF744C	55 6 4	160 1 2	--	--	--	--	--	--	--	--	--	--
PMF745C	55 2 30	159 50 0	--	--	--	--	--	--	--	--	--	--
PMF746CI	55 4 35	159 48 50	3.0	2.00	2.00	>2.00	1,000	N	N	N	50	150
PMF747C	55 3 5	159 36 6	1.5	1.00	3.00	>2.00	1,500	N	N	N	50	100

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMF188C	<2	N	N	<10	50	<10	70	N	N	N	N	N
PMF189C	<2	N	N	50	100	150	100	N	<50	50	<20	N
PMF190C	<2	N	N	<10	70	20	150	N	N	N	N	N
PMF191C	N	N	N	50	50	30	300	N	<50	10	20	N
PMF192C	<2	N	N	50	1,500	10	N	N	N	50	N	N
PMF193C	N	N	N	50	1,000	20	300	N	N	10	20	N
PMF194C	N	N	N	50	1,500	700	50	10	N	100	20	N
PMF195C	N	N	N	100	500	200	N	N	<50	100	50	N
PMF196C	<2	N	N	70	500	70	300	N	<50	50	200	N
PMF197C	<2	N	N	15	100	20	200	N	50	N	20	N
PMF198C	<2	N	N	20	200	50	500	N	<50	10	100	N
PMF199C	N	N	N	70	500	20	200	20	150	50	N	N
PMF200C	<2	N	N	50	300	15	500	N	<50	<10	N	N
PMF701C	<2	N	N	10	150	10	N	N	N	N	N	N
PMF702C	<2	N	N	<10	150	10	700	N	N	N	N	N
PMF703C	<2	N	N	<10	300	10	N	N	N	N	N	N
PMF704C	<2	N	N	50	300	20	100	N	N	N	N	N
PMF705C	<2	N	N	20	50	15	150	N	N	N	20	N
PMF706C	<2	N	N	50	500	150	150	100	<50	N	30	N
PMF707C	<2	N	N	1,000	100	200	<50	<10	N	500	1,000	N
PMF708C	<2	N	N	20	100	50	100	<10	N	N	20	N
PMF709C	<2	N	N	20	150	50	100	N	<50	N	5,000	N
PMF710C	<2	N	N	<10	100	<10	100	N	<50	N	50	N
PMF711C	<2	N	N	50	100	30	200	N	N	20	100	N
PMF712C	<2	N	N	20	100	15	100	N	N	N	<20	N
PMF713C	<2	N	N	50	300	20	<50	N	N	50	N	N
PMF714C	<2	N	N	50	500	30	N	N	<50	50	150	N
PMF715C	N	N	N	50	300	100	N	N	N	50	N	N
PMF716C	<2	N	N	50	150	30	150	N	N	50	<20	N
PMF717C	<2	N	N	<10	150	<10	N	N	N	N	N	N
PMF718C	<2	N	N	20	20	50	N	N	N	<10	N	N
PMF719C	<2	N	N	20	200	50	300	N	50	<10	20	N
PMF720C	<2	N	N	20	200	20	200	50	<50	N	20	N
PMF721C	N	N	N	50	200	200	300	N	70	N	20	N
PMF722C	--	--	--	--	--	--	--	--	--	--	--	--
PMF723C	--	--	--	--	--	--	--	--	--	--	--	--
PMF724C	--	--	--	--	--	--	--	--	--	--	--	--
PMF725C	--	--	--	--	--	--	--	--	--	--	--	--
PMF726C	--	--	--	--	--	--	--	--	--	--	--	--
PMF727C	--	--	--	--	--	--	--	--	--	--	--	--
PMF728C	--	--	--	--	--	--	--	--	--	--	--	--
PMF729C	--	--	--	--	--	--	--	--	--	--	--	--
PMF730C	--	--	--	--	--	--	--	--	--	--	--	--
PMF731C	<2	N	N	10	100	<10	200	N	<50	N	<20	N
PMF732C	<2	N	N	20	150	20	300	N	<50	N	20	N
PMF733C	--	--	--	--	--	--	--	--	--	--	--	--
PMF734C	<2	N	N	10	100	30	300	N	100	N	30	N
PMF735CI	<2	N	N	<10	100	10	N	N	<50	N	N	N
PMF736C	<2	N	N	20	150	20	N	N	<50	N	30	N
PMF737C	<2	N	N	50	150	10	50	N	100	N	20	N
PMF738C	<2	N	N	<10	150	15	<50	N	N	N	<20	N
PMF739C	--	--	--	--	--	--	--	--	--	--	--	--
PMF740CI	<2	N	N	50	100	200	<50	N	N	N	100	N
PMF741C	--	--	--	--	--	--	--	--	--	--	--	--
PMF742CI	<2	N	N	20	70	20	N	N	N	N	500	N
PMF743CI	<2	N	N	<10	50	<10	N	N	N	N	5,000	N
PMF744C	--	--	--	--	--	--	--	--	--	--	--	--
PMF745C	--	--	--	--	--	--	--	--	--	--	--	--
PMF746CI	<2	N	N	20	150	10	N	N	<50	N	N	N
PMF747C	<2	N	N	<10	100	15	N	N	N	N	N	N

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
PMF188C	20	N	500	70	N	100	N	>2,000	N	1.7
PMF189C	30	N	500	200	N	300	1,000	>2,000	N	--
PMF190C	20	N	200	100	N	150	N	>2,000	N	N
PMF191C	70	N	<200	200	N	700	N	>2,000	N	--
PMF192C	70	N	500	200	N	100	N	>2,000	N	N
PMF193C	70	N	700	200	N	500	N	>2,000	N	--
PMF194C	70	N	<200	300	N	50	N	>2,000	N	--
PMF195C	70	N	500	200	N	200	N	>2,000	N	--
PMF196C	50	N	500	200	N	1,000	500	>2,000	N	7.3
PMF197C	30	N	500	200	N	500	N	>2,000	N	N
PMF198C	50	N	N	300	N	1,000	N	>2,000	N	N
PMF199C	100	N	200	300	N	500	N	>2,000	N	N
PMF200C	100	N	200	300	N	500	N	>2,000	N	--
PMF701C	20	N	1,500	150	N	50	N	>2,000	N	N
PMF702C	70	N	1,000	150	N	500	N	>2,000	N	--
PMF703C	30	N	1,000	200	N	100	N	>2,000	N	N
PMF704C	50	N	700	200	N	300	N	>2,000	N	--
PMF705C	150	N	<200	200	N	1,000	N	>2,000	N	--
PMF706C	100	50	N	300	N	1,000	N	>2,000	N	39.0
PMF707C	30	N	N	100	N	500	N	>2,000	N	1.5
PMF708C	100	N	N	200	N	1,000	N	>2,000	N	N
PMF709C	100	30	N	300	N	700	N	>2,000	N	.3
PMF710C	70	N	1,000	200	N	700	N	>2,000	N	14.0
PMF711C	30	50	500	200	N	200	2,000	>2,000	N	N
PMF712C	30	N	500	200	N	500	1,000	>2,000	N	N
PMF713C	50	N	1,000	200	N	100	N	>2,000	N	--
PMF714C	50	N	1,000	200	N	100	N	>2,000	N	--
PMF715C	50	N	500	200	N	70	N	>2,000	N	--
PMF716C	70	N	1,000	200	N	1,000	N	>2,000	N	N
PMF717C	50	100	<200	200	N	1,000	N	>2,000	N	--
PMF718C	10	N	2,000	150	N	100	2,000	>2,000	N	N
PMF719C	50	50	500	200	N	500	3,000	>2,000	N	--
PMF720C	50	N	500	200	N	500	N	>2,000	N	N
PMF721C	100	70	N	700	N	500	N	>2,000	N	N
PMF722C	--	--	--	--	--	--	--	--	--	--
PMF723C	--	--	--	--	--	--	--	--	--	--
PMF724C	--	--	--	--	--	--	--	--	--	--
PMF725C	--	--	--	--	--	--	--	--	--	--
PMF726C	--	--	--	--	--	--	--	--	--	--
PMF727C	--	--	--	--	--	--	--	--	--	--
PMF728C	--	--	--	--	--	--	--	--	--	--
PMF729C	--	--	--	--	--	--	--	--	--	1.5
PMF730C	--	--	--	--	--	--	--	--	--	--
PMF731C	200	50	N	150	N	N	N	>2,000	N	--
PMF732C	200	70	N	150	N	N	N	>2,000	N	--
PMF733C	--	--	--	--	--	--	--	--	--	--
PMF734C	>200	30	N	100	N	N	N	>2,000	N	--
PMF735CI	30	N	<200	200	N	N	N	>2,000	N	--
PMF736C	50	N	200	300	N	N	N	>2,000	N	--
PMF737C	100	20	N	200	N	N	N	>2,000	N	--
PMF738C	50	N	1,000	200	N	N	N	>2,000	N	--
PMF739C	--	--	--	--	--	--	--	--	--	--
PMF740CI	50	N	200	300	N	200	N	>2,000	N	--
PMF741C	--	--	--	--	--	--	--	--	--	--
PMF742CI	50	300	<200	200	N	300	N	>2,000	N	--
PMF743CI	50	N	<200	200	N	200	N	>2,000	N	--
PMF744C	--	--	--	--	--	--	--	--	--	--
PMF745C	--	--	--	--	--	--	--	--	--	--
PMF746CI	50	N	<200	300	N	200	N	>2,000	N	--
PMF747C	200	<20	N	100	100	3,000	N	>2,000	N	--

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Lat	Long	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
PMF748C	55 3 53	159 37 28	1.5	.20	5.00	>2.00	2,000	N	N	N	50	200
PMF749C	55 5 7	159 34 43	1.0	.10	1.00	>2.00	1,500	N	N	N	50	50
PMF750C	55 5 9	159 32 6	2.0	1.00	2.00	>2.00	2,000	N	N	N	300	200
PMF751C	55 7 50	159 32 25	1.0	.20	3.00	>2.00	1,000	N	N	N	100	200
PMF752C	55 8 7	159 30 15	1.0	.50	1.00	>2.00	700	N	N	N	150	200
PMF753C	55 10 40	159 33 44	.5	.10	1.00	>2.00	700	N	N	N	70	<50
PMF754C	55 11 53	159 34 35	2.0	2.00	2.00	>2.00	2,000	N	N	N	100	200
PMF755C	55 14 14	159 31 29	1.5	1.50	1.50	>2.00	1,000	N	N	N	200	200
PMF756C	55 3 16	159 24 30	1.0	.20	2.00	>2.00	700	N	N	N	70	150
PMF757C	55 3 6	159 30 50	1.5	.70	2.00	>2.00	1,000	N	N	N	200	200
PMF758C	54 58 15	159 25 55	.5	.20	2.00	.50	1,000	N	N	N	20	<50
PMF759C	54 58 47	159 22 14	.5	.20	1.50	1.50	1,000	N	N	N	30	70
PMF760C	55 30 12	160 56 58	--	--	--	--	--	--	--	--	--	--
PMF761C	55 22 15	160 35 30	20.0	.50	.70	1.00	300	N	N	N	200	100
PMF762C	55 10 7	161 20 38	7.0	5.00	7.00	2.00	1,500	N	N	N	50	150
PMF764C	55 3 52	161 43 45	3.0	3.00	5.00	1.00	1,000	N	N	N	50	200
PMF765C	55 5 56	161 47 16	3.0	5.00	5.00	>2.00	1,000	N	N	N	30	10,000
PMF766C	55 7 33	161 47 52	5.0	7.00	10.00	1.50	1,500	N	N	N	50	>10,000
PMF768C	55 6 2	161 52 5	2.0	1.00	5.00	1.50	500	N	N	N	50	500
PMF769C	55 7 12	161 57 18	30.0	.70	2.00	>2.00	500	N	N	N	50	700
PMF770C	55 11 43	161 25 55	1.5	.50	5.00	>2.00	500	N	N	N	70	500
PMF771C	55 12 45	161 35 38	1.0	.50	3.00	>2.00	300	N	N	N	200	300
PMF772C	55 12 7	161 39 7	7.0	3.00	5.00	1.00	1,500	N	N	N	50	100
PMF773C	55 9 27	161 50 2	30.0	.50	1.00	>2.00	700	3,000	N	100	70	>10,000
PMF774C	54 59 53	161 52 6	5.0	3.00	3.00	2.00	2,000	2	N	N	50	1,000
PMF775C	55 4 53	161 41 55	2.0	.70	3.00	>2.00	700	2	N	N	70	500
PMF776C	55 15 31	161 59 10	20.0	1.00	5.00	>2.00	700	5	1,500	N	50	300
PMF777C	55 18 18	161 51 45	30.0	.50	2.00	.20	500	N	N	N	20	10,000
PMF778C	55 20 17	161 50 25	--	--	--	--	--	--	--	--	--	--
PMF779C	55 24 4	161 46 21	2.0	.70	7.00	.20	500	N	N	N	50	150
PMF780C	55 25 57	161 42 1	3.0	1.50	10.00	.20	700	N	N	N	50	50
PMF781C	55 32 8	161 44 5	1.0	.50	10.00	.20	300	N	N	N	50	50
PMF782C	55 35 55	161 16 24	5.0	.30	1.00	>2.00	2,000	50	2,000	N	700	1,500
PMF783C	55 35 22	161 16 10	20.0	.50	.50	>2.00	500	5	N	N	70	5,000
PMF784C	55 35 28	161 16 14	30.0	.20	1.00	>2.00	500	20	N	N	200	>10,000
PMF785C	55 52 46	161 42 1	2.0	1.50	5.00	>2.00	500	N	N	N	50	1,000
PMF786C	55 48 35	161 41 17	1.5	1.00	5.00	>2.00	300	N	N	N	50	700
PMF787C	55 48 32	161 51 24	2.0	1.50	7.00	1.00	500	N	N	N	50	500
PMF788C	55 35 10	161 41 35	2.0	.50	5.00	1.00	300	500	N	1,000	50	500
PMF789C	55 39 18	161 28 50	1.5	.50	5.00	2.00	700	--	N	N	70	150
PMF791C	55 40 17	161 35 26	--	--	--	--	--	N	--	--	--	--
PMF792C	55 25 0	161 4 9	1.5	.50	5.00	>2.00	500	N	N	N	100	200
PMF793C	55 24 24	161 9 44	1.5	.50	5.00	>2.00	500	N	N	N	50	500
PMF794C	55 45 13	161 28 48	2.0	3.00	7.00	>2.00	1,000	N	N	N	100	500
PMF795C	55 46 27	161 34 24	2.0	3.00	7.00	2.00	1,000	N	N	N	70	500
PMF796C	55 51 0	161 32 10	3.0	3.00	5.00	>2.00	1,000	N	N	N	70	500
PMF797C	55 53 30	161 17 20	--	--	--	--	--	--	--	--	--	--
PMF798C	55 50 58	161 12 16	2.0	2.00	5.00	>2.00	2,000	N	N	N	100	200
PMF799C	55 54 58	161 5 30	2.0	3.00	5.00	>2.00	1,500	N	N	N	100	500
PMF800C	55 51 37	161 1 40	1.5	.50	5.00	>2.00	1,000	N	N	N	100	200
PMF801C	55 48 38	161 0 13	1.5	1.50	5.00	>2.00	1,000	N	N	N	70	700
PMF802C	55 34 24	160 56 15	2.0	3.00	3.00	>2.00	2,000	700	N	>1,000	200	10,000
PMF803C	55 34 35	160 54 27	20.0	1.50	3.00	2.00	1,500	N	1,000	N	100	>10,000
PMF804C	55 35 42	160 52 23	20.0	1.00	2.00	2.00	1,500	3,000	500	>1,000	100	5,000
PMF805C	55 36 41	160 50 40	20.0	1.00	3.00	1.00	1,000	5	700	N	50	>10,000
PMF806C	55 38 48	160 54 9	20.0	.70	1.00	>2.00	500	100	10,000	30	3,000	>10,000
PMF807C	55 38 46	160 53 58	3.0	.70	5.00	>2.00	1,000	N	N	N	200	>10,000
PMF808C	55 38 28	160 44 53	30.0	.70	1.50	>2.00	500	30	2,000	30	100	>10,000
PMF809C	55 38 24	160 45 0	15.0	.30	1.50	>2.00	500	20	2,000	N	100	>10,000
PMF810C	55 33 37	160 41 39	20.0	2.00	3.00	2.00	1,000	N	N	N	50	>10,000

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMF748C	<2	N	N	<10	30	<10	N	N	N	N	N	N
PMF749C	<2	N	N	N	50	10	N	N	N	N	N	N
PMF750C	N	N	N	N	100	10	N	N	N	N	N	N
PMF751C	<2	20	N	<10	200	15	N	N	N	N	N	N
PMF752C	<2	N	N	<10	70	10	N	N	N	N	<20	N
PMF753C	<2	N	N	<10	50	10	N	N	N	N	20	N
PMF754C	N	N	N	50	150	15	50	30	50	N	70	N
PMF755C	N	N	N	20	200	10	N	N	70	N	<20	N
PMF756C	N	<20	N	N	50	10	70	N	N	N	<20	N
PMF757C	N	100	N	<10	100	20	500	N	N	10	20	N
PMF758C	<2	N	N	N	<20	<10	50	N	N	N	N	N
PMF759C	N	N	N	N	20	<10	300	N	N	N	<20	N
PMF760C	--	--	--	--	--	--	--	--	--	--	--	--
PMF761C	N	N	N	100	100	150	N	N	N	30	<20	N
PMF762C	<2	N	N	70	1,500	50	<50	N	N	70	N	N
PMF764C	N	N	N	50	500	500	<50	N	N	20	N	N
PMF765C	N	N	N	50	1,000	20	N	N	N	50	N	N
PMF766C	N	N	N	70	1,500	20	N	N	N	100	100	N
PMF768C	N	N	N	10	200	15	N	N	N	N	N	N
PMF769C	N	N	200	100	100	200	N	N	<50	20	100	N
PMF770C	N	N	N	10	50	<10	<50	N	<50	N	N	N
PMF771C	N	N	N	10	100	<10	50	N	70	N	N	N
PMF772C	N	N	N	50	500	15	N	N	N	50	N	N
PMF773C	N	N	700	150	100	200	N	N	<50	10	70	N
PMF774C	N	N	N	50	150	50	N	N	N	<10	N	N
PMF775C	N	N	N	20	200	30	N	N	N	N	N	N
PMF776C	<2	N	N	70	100	300	N	<10	N	N	70	N
PMF777C	N	N	N	100	20	70	N	N	N	10	N	N
PMF778C	--	--	--	--	--	--	--	--	--	--	--	--
PMF779C	N	N	N	<10	<20	200	N	N	N	N	N	N
PMF780C	N	N	N	10	<20	10	N	N	N	N	N	N
PMF781C	N	N	N	<10	<20	<10	N	N	N	N	N	N
PMF782C	N	N	N	50	50	70	200	N	70	<10	3,000	N
PMF783C	N	N	N	150	50	200	N	50	100	50	300	N
PMF784C	N	N	50	150	20	300	N	N	<50	70	300	N
PMF785C	N	N	N	10	200	10	N	N	N	N	N	N
PMF786C	N	N	N	10	150	10	N	N	N	N	N	N
PMF787C	<2	N	N	10	100	10	N	N	N	N	N	N
PMF788C	N	N	N	<10	50	10	<50	N	N	N	N	N
PMF789C	N	N	N	N	50	<10	50	N	<50	N	N	N
PMF791C	--	--	--	--	--	--	--	--	--	--	--	--
PMF792C	<2	N	N	<10	100	<10	100	N	50	N	N	N
PMF793C	<2	N	N	N	70	<10	50	N	N	N	N	N
PMF794C	N	N	N	20	700	10	100	N	70	<10	N	N
PMF795C	<2	N	N	30	500	10	<50	N	<50	<10	N	N
PMF796C	<2	N	N	30	300	10	N	N	<50	N	N	N
PMF797C	--	--	--	--	--	--	--	--	--	--	--	--
PMF798C	N	N	N	20	200	10	200	N	50	N	N	N
PMF799C	<2	N	N	30	200	10	70	N	50	<10	N	N
PMF800C	N	N	N	<10	100	<10	200	N	<50	N	N	N
PMF801C	N	N	N	10	100	<10	200	N	<50	N	N	N
PMF802C	<2	N	N	100	500	70	300	N	50	70	70	N
PMF803C	<2	N	N	200	500	200	200	N	<50	200	200	N
PMF804C	<2	N	50	100	700	150	N	10	N	150	500	N
PMF805C	<2	N	50	150	70	500	100	10	N	200	300	200
PMF806C	N	70	100	100	200	150	N	N	<50	70	1,500	N
PMF807C	N	N	N	70	500	100	500	<10	50	100	100	N
PMF808C	N	300	500	100	150	300	50	N	<50	200	1,000	300
PMF809C	N	N	<50	100	100	500	300	N	50	150	1,000	700
PMF810C	N	N	N	100	100	100	N	30	N	50	50	N

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
PMF748C	100	<20	N	50	150	2,000	N	>2,000	N	--
PMF749C	100	100	N	50	200	1,000	N	>2,000	N	--
PMF750C	200	50	N	200	<100	2,000	N	>2,000	N	--
PMF751C	>200	500	N	200	N	2,000	N	>2,000	N	--
PMF752C	>200	50	N	100	N	1,500	N	>2,000	N	--
PMF753C	200	50	N	50	N	1,500	N	>2,000	N	--
PMF754C	70	20	<200	200	N	300	N	>2,000	N	--
PMF755C	100	200	N	200	200	700	N	>2,000	N	--
PMF756C	200	N	N	200	N	2,000	N	>2,000	N	--
PMF757C	200	20	N	200	300	2,000	N	>2,000	N	--
PMF758C	70	N	N	20	N	1,000	N	>2,000	N	--
PMF759C	>200	N	N	70	N	3,000	N	>2,000	N	--
PMF760C	--	--	--	--	--	--	--	--	--	N
PMF761C	20	N	N	200	N	50	2,000	>2,000	N	--
PMF762C	100	N	500	300	N	150	5,000	>2,000	N	--
PMF764C	50	N	700	200	N	100	N	>2,000	N	--
PMF765C	70	N	700	300	N	70	N	1,000	N	N
PMF766C	100	N	700	300	N	100	N	1,000	N	--
PMF768C	20	N	1,000	100	N	100	N	>2,000	N	--
PMF769C	50	<20	N	200	N	200	10,000	>2,000	N	N
PMF770C	20	N	1,000	100	N	200	N	>2,000	N	--
PMF771C	20	N	700	150	N	200	N	>2,000	N	--
PMF772C	50	200	700	150	N	100	N	>2,000	N	--
PMF773C	50	N	1,000	500	N	70	>20,000	700	N	2.5
PMF774C	50	70	500	200	N	50	1,000	>2,000	N	--
PMF775C	30	N	700	500	N	50	N	>2,000	N	--
PMF776C	50	N	500	100	N	100	N	700	N	--
PMF777C	N	N	700	100	N	<20	N	30	N	--
PMF778C	--	--	--	--	--	--	--	--	--	--
PMF779C	N	N	1,000	50	N	N	N	100	N	--
PMF780C	N	N	1,000	50	N	N	N	100	N	--
PMF781C	N	N	1,000	<20	N	20	N	>2,000	N	--
PMF782C	50	N	500	200	N	200	2,000	>2,000	N	32.0
PMF783C	50	<20	<200	300	N	100	10,000	>2,000	N	18.0
PMF784C	20	N	500	200	N	200	10,000	>2,000	N	820.0
PMF785C	30	N	700	200	N	150	N	>2,000	N	--
PMF786C	30	N	700	100	N	500	N	>2,000	N	--
PMF787C	10	N	1,000	150	N	100	N	>2,000	N	--
PMF788C	10	N	1,000	100	N	200	N	>2,000	N	--
PMF789C	15	N	500	100	N	200	500	>2,000	N	--
PMF791C	--	--	--	--	--	--	--	--	--	--
PMF792C	30	<20	500	200	N	500	N	>2,000	N	N
PMF793C	30	N	1,000	150	N	500	N	>2,000	N	43.0
PMF794C	50	N	700	200	N	200	N	>2,000	N	--
PMF795C	50	N	700	200	N	200	N	>2,000	N	--
PMF796C	50	N	700	200	N	150	N	>2,000	N	--
PMF797C	--	--	--	--	--	--	--	--	--	--
PMF798C	50	<20	500	200	N	700	N	>2,000	N	--
PMF799C	50	<20	500	300	N	300	N	>2,000	N	--
PMF800C	70	<20	200	300	N	1,000	N	>2,000	N	--
PMF801C	50	1,000	700	300	N	500	N	>2,000	N	--
PMF802C	70	N	500	300	N	300	N	>2,000	N	12.0
PMF803C	50	N	1,500	300	300	300	7,000	>2,000	N	3.9
PMF804C	30	N	500	300	N	200	7,000	>2,000	N	20.0
PMF805C	20	N	1,000	100	N	200	5,000	>2,000	N	N
PMF806C	50	20	3,000	300	N	200	10,000	>2,000	N	1.1
PMF807C	50	<20	2,000	300	N	1,000	N	>2,000	N	N
PMF808C	30	N	500	200	N	200	20,000	>2,000	N	1.0
PMF809C	50	N	2,000	100	N	300	5,000	>2,000	N	--
PMF810C	50	N	1,000	500	N	100	N	>2,000	N	2.1

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Lat	Long	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
PMF811C	55 32 54	160 45 58	15.0	5.00	2.00	2.00	2,000	N	N	N	100	>10,000
PMF812C	55 39 52	160 54 54	30.0	.20	1.50	>2.00	700	200	>20,000	N	20	>10,000
PMF813C	55 39 56	160 54 43	--	--	--	--	--	--	--	--	--	--
PMF814C	55 40 37	160 54 45	50.0	.15	.10	.70	200	15	1,500	N	20	>10,000
PMF815C	55 37 49	161 6 1	--	--	--	--	--	--	--	--	--	--
PMF816C	55 37 48	161 5 43	--	--	--	--	--	--	--	--	--	--
PMF817C	55 37 40	161 8 39	2.0	1.00	7.00	.50	500	N	N	N	70	1,500
PMF818C	55 37 13	161 8 37	--	--	--	--	--	--	--	--	--	--
PMF819C	55 37 8	161 8 47	--	--	--	--	--	--	--	--	--	--
PMF820C	55 48 7	159 53 59	2.0	5.00	5.00	>2.00	1,000	N	N	N	200	500
PMF821C	55 48 25	159 55 55	15.0	1.50	7.00	>2.00	1,500	20	1,000	N	700	1,000
PMF822C	55 49 28	159 55 47	20.0	.10	.10	.50	100	N	N	N	<20	700
PMF823C	55 49 54	159 53 45	30.0	.20	.20	>2.00	100	N	N	N	<20	10,000
PMF824C	55 16 31	160 35 30	15.0	3.00	5.00	>2.00	2,000	2	N	N	150	300
PMF825C	55 16 27	160 35 27	15.0	10.00	7.00	>2.00	3,000	N	N	N	50	500
PMF826C	55 17 22	160 36 49	--	--	--	--	--	--	--	--	--	--
PMF827C	55 34 47	160 53 56	5.0	1.00	3.00	>2.00	1,000	N	1,000	N	200	5,000
PMF828C	55 37 37	161 0 25	10.0	2.00	5.00	2.00	1,500	N	2,000	N	1,000	1,500
PMF829C	55 36 8	161 3 20	--	--	--	--	--	--	--	--	--	--
PMF830C	55 35 20	161 6 10	7.0	2.00	2.00	>2.00	1,000	3	N	N	5,000	>10,000
PMF831C	55 35 27	161 6 5	--	--	--	--	--	--	--	--	--	--
PMF832C	55 46 4	160 28 57	--	--	--	--	--	--	--	--	--	--
PMF833C	55 47 23	160 30 14	--	--	--	--	--	--	--	--	--	--
PMF834C	55 46 50	160 35 34	--	--	--	--	--	--	--	--	--	--
PMF835C	55 43 26	160 28 42	30.0	.20	.20	.20	200	15	N	N	20	7,000
PMF836C	55 41 50	160 30 9	20.0	10.00	5.00	1.50	3,000	10	N	N	70	500
PMF837C	55 41 4	160 28 55	20.0	2.00	3.00	1.00	1,000	<1	3,000	N	200	>10,000
PMF838C	55 42 15	160 26 32	30.0	3.00	2.00	.50	1,000	<1	N	N	20	>10,000
PMF839C	55 36 28	160 23 22	--	--	--	--	--	--	--	--	--	--
PMF840C	55 36 24	160 23 28	--	--	--	--	--	--	--	--	--	--
PMF841C	55 36 10	160 27 18	5.0	.50	1.00	>2.00	700	<1	N	N	200	>10,000
PMF842C	55 34 53	160 29 36	20.0	.50	.50	.70	200	N	N	N	70	1,000
PMF843C	54 48 19	159 46 41	3.0	5.00	7.00	>2.00	1,500	N	N	N	100	700
PMF844C	54 49 38	159 43 4	2.0	3.00	5.00	>2.00	2,000	N	N	N	100	200
PMF846C	54 46 31	159 34 45	2.0	2.00	7.00	>2.00	3,000	N	N	N	100	300
PMF847C	54 54 9	159 16 30	2.0	5.00	5.00	>2.00	5,000	N	N	N	50	200
PMF848C	55 40 48	160 54 11	15.0	.05	.20	.20	500	300	5,000	N	20	>10,000
PMF849C	55 40 51	160 54 4	10.0	.05	.10	.50	100	100	1,000	N	20	>10,000
PMF851C	55 37 48	160 57 2	--	--	--	--	--	--	--	--	--	--
PMF852CI	55 37 53	160 57 4	.3	<.05	.20	1.00	20	N	N	N	<20	>10,000
PMF853C	55 38 8	160 56 53	20.0	.10	.50	1.00	700	N	N	N	20	>10,000
PMF854C	55 40 31	160 55 10	30.0	.05	.50	>2.00	300	N	1,000	N	50	>10,000
PMF855C	55 17 38	160 41 9	1.5	.20	3.00	.50	200	7	N	N	50	2,000
PMF856C	55 10 2	160 37 52	5.0	.05	.10	1.00	100	<1	N	N	20	1,500
PMF859CI	55 7 58	160 4 15	.5	.10	.50	.50	70	N	N	N	<20	700
PMF860CI	55 6 40	160 3 21	.5	.20	2.00	2.00	200	N	N	N	20	300
PMF863CI	55 15 55	159 51 10	.5	.10	1.00	>2.00	200	N	N	N	100	>10,000
PMF865C	55 6 35	159 35 40	.5	.10	2.00	>2.00	700	N	N	N	100	3,000
PMF866CI	55 6 42	160 8 1	.2	.10	.70	.70	100	N	N	N	<20	500
PMF867C	55 5 33	160 3 10	--	--	--	--	--	--	--	--	--	--
PMF868C	55 4 50	159 58 20	--	--	--	--	--	--	--	--	--	--
PMF869CI	55 3 5	160 0 12	2.0	.50	2.00	2.00	1,000	N	N	N	50	1,000
PMF872CI	55 8 29	159 56 46	1.0	.50	1.00	.20	300	N	N	N	20	300
PMF873C	55 8 38	159 55 29	--	--	--	--	--	--	--	--	--	--
PMF875C	55 10 23	159 59 0	5.0	3.00	10.00	>2.00	2,000	N	N	N	50	100
PMF876CI	55 9 8	159 57 53	1.5	1.50	3.00	>2.00	2,000	N	N	N	70	100
PMF877CI	55 17 38	160 19 40	5.0	1.00	7.00	2.00	500	N	N	N	70	10,000
PMF878C	55 20 7	160 21 17	2.0	1.00	10.00	.30	500	N	N	N	50	2,000
PMF879C	55 20 2	160 24 10	15.0	1.00	10.00	.20	1,000	N	N	N	50	1,500
PMF880CI	55 19 13	160 25 10	10.0	.10	.50	.30	200	N	N	N	<20	<50

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMF811C	N	N	N	70	200	100	100	N	N	100	50	N
PMF812C	N	30	<50	200	70	150	50	N	70	100	>50,000	200
PMF813C	--	--	--	--	--	--	--	--	--	--	--	--
PMF814C	N	N	50	200	N	200	N	N	N	150	700	N
PMF815C	--	--	--	--	--	--	--	--	--	--	--	--
PMF816C	--	--	--	--	--	--	--	--	--	--	--	--
PMF817C	<2	N	N	10	50	10	N	N	N	N	150	N
PMF818C	--	--	--	--	--	--	--	--	--	--	--	--
PMF819C	--	--	--	--	--	--	--	--	--	--	--	--
PMF820C	N	N	N	50	500	50	70	100	N	100	700	N
PMF821C	N	50	N	100	200	700	100	150	<50	10	15,000	N
PMF822C	N	N	N	100	<20	50	N	N	N	50	70	N
PMF823C	N	N	N	200	50	150	N	50	<50	300	100	N
PMF824C	<2	N	N	50	300	150	N	N	N	10	100	N
PMF825C	N	N	N	70	500	100	N	N	N	20	70	N
PMF826C	--	--	--	--	--	--	--	--	--	--	--	--
PMF827C	<2	N	N	100	200	500	70	N	<50	50	100	<200
PMF828C	N	N	N	150	150	1,000	N	N	N	10	100	N
PMF829C	--	--	--	--	--	--	--	--	--	--	--	--
PMF830C	<2	N	N	70	100	100	50	N	70	50	150	N
PMF831C	--	--	--	--	--	--	--	--	--	--	--	--
PMF832C	--	--	--	--	--	--	--	--	--	--	--	--
PMF833C	--	--	--	--	--	--	--	--	--	--	--	--
PMF834C	--	--	--	--	--	--	--	--	--	--	--	--
PMF835C	N	N	N	200	<20	150	N	N	N	300	3,000	N
PMF836C	N	N	N	100	1,000	150	N	N	N	100	200	N
PMF837C	<2	N	N	200	70	500	N	N	N	100	100	N
PMF838C	N	N	N	100	300	150	N	20	N	100	200	N
PMF839C	--	--	--	--	--	--	--	--	--	--	--	--
PMF840C	--	--	--	--	--	--	--	--	--	--	--	--
PMF841C	N	2,000	N	30	200	100	N	10	50	N	150	N
PMF842C	N	N	N	<10	50	20	N	N	N	N	100	N
PMF843C	<2	N	N	20	1,000	10	200	10	50	30	20	N
PMF844C	<2	N	N	20	700	10	700	N	<50	20	N	N
PMF846C	<2	N	N	10	300	15	500	N	N	20	<20	N
PMF847C	<2	N	N	20	500	15	500	N	<50	N	<20	N
PMF848C	N	N	500	100	<20	200	N	30	50	200	20,000	500
PMF849C	N	20	200	70	<20	300	N	30	N	70	10,000	1,000
PMF851C	--	--	--	--	--	--	--	--	--	--	--	--
PMF852CI	<2	N	N	N	N	<10	<50	N	N	N	<20	N
PMF853C	<2	N	N	100	<20	50	N	10	N	200	150	N
PMF854C	N	500	N	100	<20	30	N	10	N	50	1,000	N
PMF855C	2	N	N	<10	<20	10	N	N	N	N	30	N
PMF856C	N	N	N	50	100	50	N	<10	N	N	70	N
PMF859CI	<2	N	N	<10	<20	<10	N	N	N	N	N	N
PMF860CI	<2	N	N	<10	<20	10	N	N	N	N	150	N
PMF863CI	<2	N	N	<10	<20	<10	500	N	<50	N	500	N
PMF865C	<2	N	N	<10	100	<10	50	N	50	N	70	N
PMF866CI	<2	N	N	N	<20	<10	<50	N	N	N	N	N
PMF867C	--	--	--	--	--	--	--	--	--	--	--	--
PMF868C	--	--	--	--	--	--	--	--	--	--	--	--
PMF869CI	<2	N	N	15	100	20	200	N	N	30	200	N
PMF872CI	<2	N	N	<10	20	<10	N	N	N	N	<20	N
PMF873C	--	--	--	--	--	--	--	--	--	--	--	--
PMF875C	<2	N	N	10	300	10	300	N	<50	10	N	N
PMF876CI	<2	N	N	<10	30	300	N	N	N	N	N	N
PMF877CI	N	N	N	10	200	20	N	<10	N	N	<20	N
PMF878C	<2	N	N	N	200	10	N	N	N	N	N	N
PMF879C	<2	N	N	70	200	100	N	<10	N	100	N	N
PMF880CI	N	N	N	20	<20	200	N	<10	N	N	N	N

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-mgpp aa
PMF811C	50	N	3,000	300	N	100	N	>2,000	N	N
PMF812C	20	N	3,000	70	N	300	1,000	>2,000	N	7.6
PMF813C	--	--	--	--	--	--	--	--	--	2.9
PMF814C	N	N	3,000	50	N	50	5,000	>2,000	N	11.0
PMF815C	--	--	--	--	--	--	--	--	--	11.0
PMF816C	--	--	--	--	--	--	--	--	--	12.0
PMF817C	10	N	1,500	70	N	<20	N	1,000	N	29.0
PMF818C	--	--	--	--	--	--	--	--	--	3.3
PMF819C	--	--	--	--	--	--	--	--	--	3.6
PMF820C	70	N	200	300	N	500	N	>2,000	N	N
PMF821C	50	20	500	700	N	200	2,000	>2,000	N	N
PMF822C	N	N	N	20	N	N	N	100	N	70.0
PMF823C	<10	N	<200	150	N	100	N	>2,000	N	31.0
PMF824C	50	N	500	500	N	100	N	2,000	N	N
PMF825C	100	N	200	500	N	100	N	1,000	N	3.0
PMF826C	--	--	--	--	--	--	--	--	--	N
PMF827C	50	N	500	700	500	150	N	>2,000	N	5.1
PMF828C	50	N	700	300	N	100	N	>2,000	N	N
PMF829C	--	--	--	--	--	--	--	--	--	N
PMF830C	50	20	500	300	N	200	N	>2,000	N	70.0
PMF831C	--	--	--	--	--	--	--	--	--	10.0
PMF832C	--	--	--	--	--	--	--	--	--	N
PMF833C	--	--	--	--	--	--	--	--	--	N
PMF834C	--	--	--	--	--	--	--	--	--	N
PMF835C	N	N	N	50	N	<20	500	100	N	2.8
PMF836C	100	N	N	500	N	70	<500	1,000	N	1.1
PMF837C	20	N	2,000	100	N	70	<500	1,500	N	--
PMF838C	20	N	2,000	100	N	50	<500	2,000	N	.5
PMF839C	--	--	--	--	--	--	--	--	--	N
PMF840C	--	--	--	--	--	--	--	--	--	8.0
PMF841C	50	20	2,000	1,000	N	20	1,000	1,000	N	1.4
PMF842C	<10	N	700	200	N	50	N	>2,000	N	--
PMF843C	70	<20	200	200	N	300	N	>2,000	N	--
PMF844C	100	<20	<200	200	N	700	N	>2,000	N	--
PMF846C	200	100	N	70	N	2,000	N	>2,000	N	--
PMF847C	150	50	N	100	N	1,000	N	>2,000	N	--
PMF848C	N	N	2,000	50	N	50	>20,000	>2,000	N	--
PMF849C	N	N	5,000	70	N	50	>20,000	>2,000	N	--
PMF851C	--	--	--	--	--	--	--	--	--	--
PMF852CI	N	N	<200	100	N	100	N	>2,000	N	--
PMF853C	10	N	1,500	100	N	200	N	>2,000	N	--
PMF854C	20	N	2,000	100	N	100	500	>2,000	N	--
PMF855C	<10	N	1,000	70	N	<20	2,000	>2,000	N	--
PMF856C	10	200	1,000	2,000	N	N	1,000	700	N	--
PMF859CI	N	N	N	70	N	50	N	>2,000	N	--
PMF860CI	10	N	N	100	2,000	100	N	>2,000	N	--
PMF863CI	20	N	1,500	150	100	200	N	>2,000	N	--
PMF865C	200	20	N	100	1,000	1,000	N	>2,000	N	--
PMF866CI	N	N	N	50	100	50	N	>2,000	N	--
PMF867C	--	--	--	--	--	--	--	--	--	--
PMF868C	--	--	--	--	--	--	--	--	--	--
PMF869CI	50	N	200	150	100	70	N	>2,000	N	--
PMF872CI	10	N	N	100	<100	100	N	>2,000	N	--
PMF873C	--	--	--	--	--	--	--	--	--	--
PMF875C	50	N	<200	500	N	200	N	>2,000	N	--
PMF876CI	30	20	N	200	100	500	N	>2,000	N	--
PMF877CI	20	N	1,000	500	N	70	1,500	>2,000	N	--
PMF878C	20	N	2,000	100	N	<20	N	2,000	N	--
PMF879C	<10	N	2,000	100	N	<20	N	2,000	N	--
PMF880CI	N	N	N	200	N	<20	1,000	>2,000	N	--

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Lat	Long	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMF881C	55 18 4	160 23 45	30.0	.50	10.00	.20	1,000	1	1,000	N	50	>10,000
PMF882C	55 18 0	160 29 0	5.0	.50	7.00	>2.00	2,000	N	N	N	100	150
PMF883C	55 18 38	160 28 59	--	--	--	--	--	--	--	--	--	--
PMF884C	55 22 30	160 35 10	30.0	.10	2.00	2.00	200	N	N	N	50	>10,000
PMF885C	55 11 39	160 40 43	1.0	.20	2.00	>2.00	500	N	N	N	50	70
PMF886C	55 35 40	160 30 56	2.0	.20	.10	>2.00	50	N	N	N	200	1,500
PMF887C	55 35 51	160 30 52	20.0	.15	<.10	1.00	70	1	N	N	100	5,000
PMF888C	55 37 19	160 32 25	15.0	.30	<.10	.70	100	5	N	N	50	>10,000
PMF889CI	55 35 50	160 41 11	2.0	<.05	2.00	2.00	70	N	N	N	20	>10,000
PMF890CI	55 40 40	160 52 5	2.0	.50	1.00	2.00	200	N	N	N	100	>10,000
PMF891CI	55 8 3	159 59 4	1.5	.50	2.00	2.00	500	N	N	N	50	200
PMF893C	55 3 2	159 21 28	.5	.15	1.00	.70	500	N	N	N	50	200
PMF895CI	54 56 24	159 16 38	1.5	.70	3.00	1.00	1,000	N	N	N	100	300
PMK601C	55 7 34	159 58 12	--	--	--	--	--	--	--	--	--	--
PMK602CI	55 6 29	159 53 1	1.0	.50	.50	.10	700	N	N	N	20	100
PMK604CI	55 19 15	160 31 36	3.0	.20	5.00	>2.00	500	1,500	N	>1,000	50	2,000
PMK610CI	55 20 29	160 28 49	1.5	.20	2.00	.70	500	N	N	N	20	100
PMK611C	55 22 3	160 31 48	2.0	.50	5.00	1.00	700	20	N	20	50	500
PMK612C	55 18 15	160 41 5	7.0	.20	2.00	>2.00	500	N	N	N	50	500
PMK616C	55 10 18	160 1 0	--	--	--	--	--	--	--	--	--	--
PMK617CI	55 10 13	159 55 42	.2	.10	.50	.20	70	N	N	N	20	100
PMK618CI	55 9 24	159 57 0	.2	.05	.30	1.00	200	N	N	N	20	50
PMK619C	55 17 30	160 20 18	2.0	1.00	7.00	.20	500	N	N	N	50	1,000
PMK620C	55 19 25	160 21 39	7.0	2.00	5.00	.50	700	<1	N	N	50	500
PMK621C	55 20 9	160 24 9	2.0	2.00	7.00	.50	1,000	20	N	N	30	200
PMK622C	55 19 19	160 25 8	--	--	--	--	--	--	--	--	--	--
PMK623C	55 17 26	160 23 19	2.0	.50	7.00	.50	500	N	N	N	30	200
PMK624C	55 17 25	160 25 0	5.0	1.00	5.00	>2.00	500	N	N	N	20	100
PMK625CI	55 17 56	160 29 12	3.0	1.50	10.00	>2.00	1,500	500	N	>1,000	30	100
PMK627CI	55 11 16	160 32 29	1.0	.20	5.00	>2.00	200	N	N	N	50	7,000
PMK628C	55 21 9	160 34 38	1.0	.20	7.00	>2.00	1,000	N	N	N	50	300
PMK629C	55 10 16	160 46 50	1.5	.50	7.00	>2.00	1,000	N	N	N	50	200
PMK631C	55 9 55	160 39 8	2.0	.05	<.10	.50	50	N	N	N	30	>10,000
PMK633C	55 35 50	160 29 50	30.0	.10	<.10	1.00	50	<1	N	N	50	5,000
PMK635CI	55 37 8	160 29 15	30.0	.20	1.00	.70	100	5	N	N	50	>10,000
PMK636C	55 37 6	160 29 24	50.0	.10	.15	.20	100	2	N	N	20	500
PMK638CI	55 37 52	160 36 53	30.0	.20	1.00	2.00	500	N	N	N	50	>10,000
PMK639C	55 35 52	160 40 42	15.0	.50	.50	2.00	500	N	N	N	50	>10,000
PMK640CI	55 36 19	160 44 15	1.0	.30	2.00	>2.00	500	N	N	N	2,000	>10,000
PMK642CI	55 40 47	160 52 20	1.0	1.50	2.00	.50	1,000	150	1,500	N	>5,000	>10,000
PMK643CI	55 42 20	160 54 52	10.0	.50	7.00	2.00	2,000	N	N	N	>5,000	>10,000
PMK644CI	55 40 49	160 56 3	5.0	2.00	5.00	>2.00	1,500	300	2,000	100	>5,000	>10,000
PMK645CI	55 39 8	161 2 29	5.0	2.00	7.00	.70	1,000	N	N	N	200	>10,000
PMK646CI	55 9 0	159 59 10	1.0	.10	1.50	2.00	200	N	1,000	N	20	50
PMK648CI	55 11 12	159 34 20	.2	.50	2.00	>2.00	300	N	N	N	100	100
PMK649CI	55 3 37	159 22 32	2.0	5.00	2.00	2.00	2,000	N	N	N	200	300
PMW201C	55 29 14	160 57 48	5.0	5.00	5.00	2.00	1,500	N	N	N	50	>10,000
PMW202CI	55 25 50	161 1 50	2.0	.30	2.00	2.00	500	N	N	N	20	>10,000
PMW203C	55 28 52	161 5 30	.7	1.00	2.00	>2.00	500	N	N	N	100	500
PMW204C	55 25 57	161 11 8	1.0	.70	2.00	>2.00	500	N	N	N	50	2,000
PMW205C	55 31 42	160 53 30	.7	.30	1.50	>2.00	500	N	N	N	100	700
PMW206C	55 33 39	160 57 49	.7	.20	1.50	>2.00	500	N	N	N	100	1,500
PMW207C	55 32 44	161 3 15	1.0	.50	1.00	1.50	500	N	N	N	100	700
PMW208C	55 32 58	161 7 20	.5	.30	1.00	>2.00	500	N	N	N	1,500	5,000
PMW209C	55 30 59	161 9 8	.7	.20	.70	>2.00	200	N	N	<20	20	3,000
PMW210C	55 28 35	161 18 31	1.0	.20	1.50	>2.00	500	N	N	N	20	700
PMW211C	55 33 28	160 54 14	.7	.30	2.00	2.00	300	N	N	N	3,000	>10,000
PMW212C	55 37 50	160 54 35	2.0	.15	1.00	>2.00	200	N	N	N	200	>10,000
PMW213C	55 33 32	160 49 41	.7	.20	1.50	>2.00	300	N	N	N	200	7,000
PMW214C	55 39 13	160 46 46	.5	.20	1.00	>2.00	300	N	N	N	100	5,000

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMF881C	N	N	100	100	100	700	N	15	N	100	50	N
PMF882C	N	N	N	50	100	20	200	N	<50	N	<20	N
PMF883C	--	--	--	--	--	--	--	--	--	--	--	--
PMF884C	N	N	N	100	20	50	N	10	N	15	150	N
PMF885C	N	N	50	10	200	50	N	N	N	N	<20	N
PMF886C	<2	N	N	<10	50	20	N	10	<50	N	150	N
PMF887C	<2	N	50	70	20	100	N	10	N	N	100	N
PMF888C	<2	N	500	50	<20	100	N	<10	N	15	50	N
PMF889CI	N	N	N	20	<20	50	<50	N	N	N	N	N
PMF890CI	N	N	N	100	500	70	200	N	N	20	200	N
PMF891CI	<2	N	N	N	N	<10	<50	N	50	N	N	N
PMF893C	2	N	50	N	N	<10	<50	N	N	N	N	N
PMF895CI	2	N	100	20	200	10	300	N	N	20	50	N
PMK601C	--	--	--	--	--	--	--	--	--	--	--	--
PMK602CI	<2	N	N	N	<20	<10	N	N	N	N	N	N
PMK604CI	N	30	N	20	50	1,500	N	N	N	N	>50,000	1,500
PMK610CI	<2	N	N	<10	100	15	N	N	N	N	200	N
PMK611C	<2	N	N	<10	70	70	N	N	N	N	5,000	N
PMK612C	N	N	N	20	50	50	50	<10	N	10	1,000	N
PMK616C	--	--	--	--	--	--	--	--	--	--	--	--
PMK617CI	<2	N	N	N	<20	<10	N	N	N	N	50	N
PMK618CI	<2	N	N	N	<20	N	<50	N	N	N	<20	N
PMK619C	<2	N	N	10	100	50	N	N	N	N	100	N
PMK620C	<2	N	N	50	200	70	N	<10	N	50	1,000	N
PMK621C	<2	N	N	10	200	30	N	N	N	N	3,000	N
PMK622C	--	--	--	--	--	--	--	--	--	--	--	--
PMK623C	<2	N	N	<10	150	10	N	N	N	N	50	N
PMK624C	N	N	N	100	500	20	50	10	<50	N	<20	N
PMK625CI	<2	N	N	10	100	<10	500	N	N	N	N	N
PMK627CI	<2	N	N	<10	20	10	100	N	70	N	100	N
PMK628C	N	N	N	N	20	15	100	N	N	N	N	N
PMK629C	N	N	N	<10	70	15	<50	N	N	N	N	N
PMK631C	N	N	N	N	30	20	N	N	N	N	50	N
PMK633C	N	<20	N	100	30	200	N	20	N	20	50	N
PMK635CI	N	N	N	300	<20	200	N	50	N	50	200	N
PMK636C	N	N	<50	200	<20	300	N	50	N	50	200	N
PMK638CI	N	N	N	100	30	150	500	10	N	50	100	N
PMK639C	N	N	<50	100	20	100	N	10	N	50	20	N
PMK640CI	N	N	N	<10	30	20	200	N	N	N	<20	N
PMK642CI	N	N	50	20	50	100	500	N	N	20	>50,000	N
PMK643CI	N	N	N	50	50	50	500	N	N	50	150	N
PMK644CI	N	N	N	70	300	70	150	N	N	N	>50,000	N
PMK645CI	N	N	N	100	300	200	200	N	N	N	500	N
PMK646CI	N	N	N	N	20	<10	<50	N	<50	N	N	N
PMK648CI	N	200	N	150	1,000	10	300	N	N	N	50	N
PMK649CI	N	N	200	50	1,000	10	100	N	N	N	50	N
PMW201C	<2	N	N	50	1,000	20	N	N	N	50	1,500	N
PMW202CI	<2	N	N	10	70	20	50	N	50	N	N	N
PMW203C	N	N	N	<10	500	<10	70	N	<50	N	<20	N
PMW204C	N	N	N	20	150	10	100	N	<50	N	20	N
PMW205C	N	N	N	<10	50	15	150	N	<50	N	20	N
PMW206C	N	N	N	20	50	10	200	N	<50	N	50	N
PMW207C	N	N	N	<10	70	<10	N	N	N	N	<20	N
PMW208C	N	N	N	<10	70	10	100	N	<50	N	20	N
PMW209C	N	N	N	<10	50	10	500	N	<50	N	20	N
PMW210C	N	N	N	<10	50	10	150	N	<50	N	<20	N
PMW211C	N	N	N	N	100	N	N	N	<50	N	<20	N
PMW212C	N	N	N	70	50	50	200	<10	50	20	70	N
PMW213C	N	N	N	10	50	10	70	N	<50	N	<20	N
PMW214C	N	N	N	10	50	<10	200	N	N	N	<20	N

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ugpp aa
PMF881C	<10	N	2,000	200	N	20	>20,000	2,000	N	--
PMF882C	70	N	200	500	N	500	N	>2,000	N	--
PMF883C	--	--	--	--	--	--	--	--	--	--
PMF884C	<10	N	1,000	200	N	100	1,500	>2,000	N	--
PMF885C	20	30	500	1,000	N	70	7,000	>2,000	N	--
PMF886C	20	50	2,000	1,000	N	20	500	500	N	--
PMF887C	<10	20	1,000	500	N	<20	15,000	500	N	--
PMF888C	<10	N	2,000	500	N	<20	>20,000	700	N	--
PMF889CI	15	N	2,000	100	N	200	N	>2,000	N	--
PMF890CI	70	N	10,000	50	N	500	N	>2,000	N	--
PMF891CI	10	N	700	30	N	50	N	>2,000	N	--
PMF893C	70	N	N	50	<100	700	N	>2,000	N	--
PMF895CI	200	N	3,000	50	N	>5,000	N	>2,000	N	--
PMK601C	--	--	--	--	--	--	--	--	--	--
PMK602CI	<10	N	N	100	N	<20	N	>2,000	N	--
PMK604CI	50	2,000	<200	500	N	100	N	2,000	N	--
PMK610CI	10	N	N	200	N	50	N	>2,000	N	--
PMK611C	10	200	1,000	200	N	50	N	>2,000	N	--
PMK612C	20	50	<200	100	N	200	N	>2,000	N	--
PMK616C	--	--	--	--	--	--	--	--	--	--
PMK617CI	<10	N	N	20	N	20	N	>2,000	N	--
PMK618CI	<10	N	N	50	N	50	N	>2,000	N	--
PMK619C	<10	N	1,000	150	100	<20	N	>2,000	N	--
PMK620C	30	N	1,000	200	100	<20	N	>2,000	N	--
PMK621C	30	N	1,500	100	N	20	N	>2,000	N	--
PMK622C	--	--	--	--	--	--	--	--	--	--
PMK623C	10	N	1,500	100	N	<20	N	2,000	N	--
PMK624C	50	N	<200	2,000	N	100	N	>2,000	N	--
PMK625CI	20	N	300	500	N	200	N	>2,000	N	--
PMK627CI	50	500	<200	500	N	150	1,000	>2,000	N	--
PMK628C	10	N	300	200	N	300	N	>2,000	N	--
PMK629C	10	N	500	300	N	100	N	>2,000	N	--
PMK631C	N	N	10,000	500	N	<20	N	50	N	--
PMK633C	N	N	500	200	N	20	5,000	2,000	N	--
PMK635CI	N	N	5,000	150	N	100	10,000	200	N	--
PMK636C	N	N	N	50	N	<20	15,000	100	N	--
PMK638CI	50	N	5,000	100	N	200	N	>2,000	N	--
PMK639C	50	N	200	200	N	1,000	N	>2,000	N	--
PMK640CI	100	N	N	300	N	1,000	N	>2,000	N	--
PMK642CI	30	N	5,000	50	N	1,000	N	>2,000	N	--
PMK643CI	50	N	1,000	100	N	700	N	>2,000	N	--
PMK644CI	200	100	7,000	300	N	700	2,000	>2,000	N	--
PMK645CI	10	N	5,000	70	N	500	N	2,000	N	--
PMK646CI	10	N	N	70	N	200	N	>2,000	N	--
PMK648CI	>200	100	3,000	20	200	>5,000	N	>2,000	N	--
PMK649CI	>200	20	5,000	150	N	>5,000	N	>2,000	N	--
PMW201C	50	N	500	200	N	100	700	>2,000	N	1.3
PMW202CI	20	N	N	100	N	200	N	>2,000	N	--
PMW203C	20	N	500	70	N	150	N	>2,000	N	--
PMW204C	20	N	500	100	N	150	N	>2,000	N	--
PMW205C	20	N	500	150	N	200	N	>2,000	N	--
PMW206C	20	N	500	100	N	150	N	>2,000	N	--
PMW207C	10	N	500	100	N	100	N	>2,000	N	--
PMW208C	30	20	300	200	N	150	N	>2,000	N	--
PMW209C	30	N	500	100	N	150	N	>2,000	N	--
PMW210C	30	N	500	100	N	100	N	>2,000	N	--
PMW211C	20	N	500	150	N	70	N	>2,000	N	--
PMW212C	20	N	1,000	100	N	200	N	>2,000	N	--
PMW213C	20	N	500	150	N	100	N	>2,000	N	--
PMW214C	20	N	500	100	N	200	N	>2,000	N	--

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Lat	Long	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
PMW215C	55 39 5	160 46 40	.5	.10	1.00	>2.00	300	N	N	N	700	2,000
PMW216C	55 39 8	160 46 29	1.0	.50	1.00	>2.00	500	100	N	200	50	>10,000
PMW217C	55 44 2	160 48 4	.5	.50	2.00	>2.00	700	N	N	N	1,000	7,000
PMW218C	55 44 32	160 50 16	.5	.20	1.00	2.00	300	N	N	N	500	500
PMW219C	55 47 11	160 52 27	.5	.20	1.00	2.00	300	N	N	N	50	1,000
PMW220C	55 54 22	161 43 32	.5	.30	1.50	2.00	200	N	N	N	150	150
PMW221C	55 51 12	161 52 0	.7	.30	1.00	1.00	200	N	N	N	20	700
PMW222C	55 46 35	161 52 38	.5	.15	2.00	1.50	300	N	N	N	<20	500
PMW223C	55 43 29	161 47 37	.5	.20	1.50	.70	200	N	N	N	<20	300
PMW224C	55 34 48	160 43 31	10.0	.10	.70	2.00	200	N	N	N	20	10,000
PMW225C	55 37 51	160 42 37	20.0	.05	<.10	.50	200	10	1,000	N	N	3,000
PMW226C	55 40 5	160 40 40	1.0	.20	.15	2.00	150	N	N	N	100	1,500
PMW227C	55 39 41	160 36 30	1.0	.30	.70	2.00	200	20	N	N	<20	3,000
PMW228C	55 39 40	160 36 42	3.0	.10	1.00	2.00	200	50	N	N	50	>10,000
PMW229C	55 36 25	160 36 50	.7	.15	1.00	>2.00	200	N	N	N	700	10,000
PMW230C	55 36 23	160 36 56	5.0	.10	.50	2.00	500	N	N	N	50	>10,000
PMW231C	55 18 40	160 30 53	.5	.70	2.00	2.00	700	N	N	N	200	500
PMW232C	55 20 28	160 24 27	.7	.50	2.00	.30	200	N	N	N	<20	500
PMW233C	55 19 53	160 20 55	1.0	.30	2.00	.30	200	N	N	N	<20	2,000
PMW234C	55 19 58	160 28 29	7.0	.20	1.50	1.50	200	N	2,000	N	50	>10,000
PMW235C	55 36 14	160 33 15	1.5	.30	.15	2.00	100	1	N	N	500	7,000
PMW236C	55 37 28	160 33 0	7.0	.30	.30	1.00	150	1	N	N	50	1,500
PMW237C	55 35 3	160 32 13	20.0	.50	.30	1.00	200	1	N	N	50	10,000
PMW238C	55 35 46	160 29 3	10.0	.20	.10	2.00	100	<1	N	N	200	5,000
PMW239C	55 36 28	160 27 33	5.0	.50	.50	>2.00	200	<1	N	N	700	1,000
PMW240C	55 34 46	160 27 57	1.5	.20	.50	>2.00	150	50	N	N	200	3,000
PMW241C	55 48 47	160 1 26	7.0	.30	.70	2.00	200	N	N	N	150	>10,000
PMW242C	55 47 43	160 2 17	.7	.50	2.00	>2.00	500	N	N	N	<20	700
PMW243C	55 49 19	160 4 46	15.0	.15	1.00	>2.00	200	<1	N	N	<20	5,000
PMW244C	55 50 57	160 8 32	30.0	.20	.20	.50	150	N	<500	N	<20	5,000
PMW245C	55 49 46	160 16 25	5.0	.20	1.50	2.00	500	N	N	N	20	>10,000
PMW246C	55 47 50	160 13 56	7.0	.20	2.00	1.50	300	<1	N	N	<20	>10,000
PMW247C	55 46 58	160 11 31	1.5	.30	7.00	>2.00	500	N	N	N	<20	700
PMW248C	55 47 53	160 9 12	.7	.20	1.50	>2.00	300	N	N	N	20	500
PMW249C	55 45 14	160 6 25	2.0	.30	2.00	2.00	200	N	N	N	20	700
PMW250C	55 44 39	160 9 21	2.0	.70	2.00	2.00	1,000	N	N	N	50	500
PMW251C	55 42 19	160 8 30	15.0	.10	1.00	.70	200	2	7,000	N	50	3,000
PMW252C	55 40 31	160 10 2	1.0	.20	.50	2.00	300	N	N	N	50	>10,000
PMW253C	55 40 31	160 9 54	1.0	.30	1.00	2.00	300	N	N	N	1,000	5,000
PMW254C	55 42 29	160 14 10	1.5	1.50	5.00	>2.00	300	1	N	N	700	3,000
PMW255C	55 42 28	160 13 56	5.0	.70	1.00	>2.00	500	N	N	N	1,500	5,000
PMW256C	55 44 21	160 16 20	7.0	.70	1.50	2.00	1,000	N	N	N	2,000	2,000
PMW257C	55 17 28	160 34 42	.7	.20	1.00	2.00	300	N	N	N	<20	5,000
PMW258C	55 22 32	160 34 54	5.0	.20	1.00	2.00	200	N	N	N	300	10,000
PMW259C	55 18 30	160 39 0	1.5	.15	.70	2.00	150	<1	N	N	100	>10,000
PMW260C	55 50 29	160 43 41	.5	.07	1.50	>2.00	300	N	N	N	5,000	100
PMW261C	55 49 10	160 39 15	.2	.07	.70	>2.00	200	N	N	N	700	150
PMW262C	55 47 39	160 36 28	.2	.10	1.00	>2.00	300	N	N	N	1,000	1,500
PMW263C	55 50 38	160 31 21	.5	.10	1.50	>2.00	500	N	N	N	200	2,000
PMW264C	55 48 27	160 24 9	.3	.20	1.00	>2.00	200	N	N	N	150	300
PMW265C	55 46 0	160 15 32	5.0	.30	1.00	2.00	300	1	<500	N	50	3,000
PMW266C	55 45 46	160 24 54	7.0	1.00	.50	>2.00	1,000	N	N	N	5,000	>10,000
PMW267C	55 45 40	160 25 0	7.0	.50	.50	>2.00	1,000	N	N	N	2,000	>10,000
PMW268C	55 46 46	160 27 52	.5	.30	1.00	>2.00	300	10	N	100	200	1,500
PMW269C	55 44 45	160 29 40	.5	.07	.70	>2.00	300	20	N	N	200	7,000
PMW270C	55 44 12	160 29 8	1.0	.20	1.00	2.00	500	2	<500	N	150	3,000
PMW271C	55 44 38	160 35 43	.5	.10	.70	>2.00	200	N	N	N	200	3,000
PMW272C	55 41 53	160 36 35	2.0	.30	.50	>2.00	200	N	N	N	1,000	10,000
PMW273C	55 42 0	160 36 8	1.5	.50	.50	>2.00	700	N	N	N	500	5,000
PMW274C	55 19 8	160 36 0	.7	.30	1.00	1.50	200	N	N	N	50	700

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMW215C	N	N	N	15	50	10	700	N	<50	N	<20	N
PMW216C	N	N	N	50	100	50	500	N	<50	20	200	<200
PMW217C	N	N	N	<10	50	<10	200	N	50	N	100	N
PMW218C	N	N	N	N	<20	<10	100	N	<50	N	N	N
PMW219C	N	N	N	N	20	<10	150	N	<50	N	<20	N
PMW220C	N	N	N	N	70	<10	100	N	<50	N	N	N
PMW221C	N	N	N	<10	50	N	N	N	50	N	<20	N
PMW222C	N	N	N	N	<20	<10	100	N	N	N	N	N
PMW223C	N	N	N	N	50	N	N	N	N	N	N	N
PMW224C	N	N	N	50	20	200	200	<10	<50	50	200	N
PMW225C	N	N	150	100	<20	200	N	N	N	150	200	N
PMW226C	N	N	N	<10	200	100	70	50	50	N	30	N
PMW227C	N	N	N	<10	50	10	70	N	N	N	<20	N
PMW228C	N	<20	200	50	30	200	200	N	50	<10	10,000	N
PMW229C	N	N	N	15	100	20	700	N	<50	N	50	N
PMW230C	N	N	N	50	50	150	500	<10	<50	20	300	N
PMW231C	N	N	N	N	200	<10	100	N	<50	N	30	N
PMW232C	N	N	N	N	100	<10	N	N	N	N	N	N
PMW233C	N	N	N	N	30	<10	N	N	N	N	200	N
PMW234C	N	N	N	10	50	30	50	10	N	N	<20	N
PMW235C	<2	N	N	<10	100	20	150	150	<50	N	200	N
PMW236C	N	N	N	20	50	50	N	N	N	20	30	N
PMW237C	N	N	N	50	50	50	N	N	N	20	30	N
PMW238C	N	N	N	20	100	150	N	<10	<50	N	100	N
PMW239C	N	N	N	70	50	200	70	<10	70	N	100	N
PMW240C	N	N	N	15	100	30	70	<10	<50	N	100	N
PMW241C	N	N	N	50	100	50	100	<10	<50	50	100	N
PMW242C	N	N	N	<10	70	20	150	<10	50	N	70	N
PMW243C	<2	N	N	50	N	200	100	N	<50	N	100	N
PMW244C	N	N	N	50	30	150	N	N	N	N	70	N
PMW245C	N	N	N	20	30	20	100	<10	<50	N	70	N
PMW246C	<2	N	N	30	N	150	150	N	N	N	50	N
PMW247C	N	N	N	20	70	10	300	<10	<50	N	300	N
PMW248C	<2	N	N	10	70	20	150	<10	50	N	70	N
PMW249C	N	N	N	20	20	20	70	10	<50	N	500	N
PMW250C	N	N	N	10	50	20	200	50	<50	<10	2,000	N
PMW251C	N	N	N	70	<20	150	N	N	N	100	700	200
PMW252C	N	N	N	10	30	10	200	20	<50	N	<20	N
PMW253C	N	N	N	15	70	50	<50	N	<50	N	500	N
PMW254C	N	N	N	20	100	700	150	N	<50	<10	500	N
PMW255C	N	N	N	70	100	200	N	N	N	<10	150	N
PMW256C	N	N	N	30	150	20	N	N	N	20	20	N
PMW257C	N	N	N	<10	150	10	<50	N	<50	N	50	N
PMW258C	N	100	N	50	50	30	100	N	<50	N	70	N
PMW259C	N	N	N	15	100	100	N	N	<50	N	500	N
PMW260C	N	N	N	N	<20	<10	500	N	<50	N	N	N
PMW261C	N	N	N	N	<20	N	200	N	<50	N	N	N
PMW262C	N	N	N	N	<20	N	200	N	<50	N	N	N
PMW263C	N	N	N	<10	<20	10	300	<10	50	N	20	N
PMW264C	N	N	N	<10	100	N	150	N	50	N	<20	N
PMW265C	N	N	N	30	50	20	70	70	<50	N	2,000	N
PMW266C	N	N	N	50	150	200	50	N	N	20	150	N
PMW267C	N	N	N	50	70	50	200	N	N	N	500	N
PMW268C	N	N	N	<10	100	<10	300	N	50	N	70	N
PMW269C	N	N	N	20	50	10	300	N	50	N	1,000	<200
PMW270C	N	50	N	50	100	20	100	N	<50	20	300	N
PMW271C	N	N	N	<10	100	<10	200	N	<50	N	<20	N
PMW272C	N	N	N	70	70	20	100	N	<50	N	20	N
PMW273C	N	N	N	20	70	N	<50	N	<50	N	50	N
PMW274C	N	N	N	N	100	N	N	<10	<50	N	20	N

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
PMW215C	30	<20	700	200	N	200	N	>2,000	N	--
PMW216C	20	N	2,000	100	N	150	500	>2,000	N	--
PMW217C	20	<20	200	100	N	500	N	>2,000	N	--
PMW218C	20	N	500	70	N	150	N	>2,000	N	--
PMW219C	20	N	500	70	N	150	N	>2,000	N	--
PMW220C	30	N	500	70	N	150	N	>2,000	N	--
PMW221C	10	N	N	150	200	200	N	>2,000	N	--
PMW222C	10	N	700	70	N	100	N	>2,000	N	--
PMW223C	<10	100	500	50	N	100	N	>2,000	N	--
PMW224C	20	N	700	50	N	150	2,000	>2,000	N	--
PMW225C	N	N	<200	20	100	<20	7,000	700	N	--
PMW226C	30	N	300	200	<100	50	<500	>2,000	N	--
PMW227C	30	N	500	50	N	100	7,000	>2,000	N	--
PMW228C	20	N	500	70	N	150	N	>2,000	N	--
PMW229C	50	N	700	100	N	200	N	>2,000	N	--
PMW230C	20	N	700	70	N	100	700	>2,000	N	--
PMW231C	30	N	700	100	N	150	N	>2,000	N	--
PMW232C	<10	N	1,000	30	N	N	N	2,000	N	--
PMW233C	<10	N	700	30	N	N	N	>2,000	N	--
PMW234C	10	N	700	50	N	70	1,000	>2,000	N	--
PMW235C	20	20	1,000	300	N	30	<500	300	N	--
PMW236C	20	N	500	200	N	30	3,000	300	N	--
PMW237C	20	N	700	200	N	50	500	500	N	--
PMW238C	20	<20	1,000	300	N	20	1,000	300	N	--
PMW239C	50	<20	<200	300	N	100	500	2,000	N	--
PMW240C	30	<20	1,000	700	N	50	N	1,500	N	--
PMW241C	20	N	700	70	N	100	N	>2,000	N	--
PMW242C	70	<20	300	150	N	200	N	>2,000	N	--
PMW243C	50	N	300	70	N	150	N	2,000	N	--
PMW244C	<10	N	300	50	N	20	N	200	N	--
PMW245C	20	N	700	100	N	100	N	>2,000	N	--
PMW246C	20	N	1,000	50	N	150	N	300	N	--
PMW247C	50	<20	500	200	N	500	N	>2,000	N	--
PMW248C	70	20	<200	100	N	150	N	500	N	--
PMW249C	50	N	300	150	N	150	N	>2,000	N	--
PMW250C	20	N	700	700	100	300	N	>2,000	N	--
PMW251C	<10	N	<200	70	N	100	500	>2,000	N	--
PMW252C	10	N	1,000	100	N	150	N	>2,000	N	--
PMW253C	30	N	N	300	200	150	700	>2,000	N	--
PMW254C	50	N	<200	200	N	100	N	>2,000	N	--
PMW255C	50	N	N	150	N	200	N	>2,000	N	--
PMW256C	20	N	N	700	N	100	N	>2,000	N	--
PMW257C	30	N	500	300	N	100	N	>2,000	N	--
PMW258C	20	N	700	300	N	100	500	>2,000	N	--
PMW259C	20	N	2,000	100	N	50	1,000	2,000	N	--
PMW260C	30	N	N	100	N	200	N	>2,000	N	--
PMW261C	50	N	<200	100	N	200	N	>2,000	N	--
PMW262C	30	N	<200	100	N	200	<500	>2,000	N	--
PMW263C	20	<20	<200	100	N	200	500	>2,000	N	--
PMW264C	20	N	500	100	N	150	N	>2,000	N	--
PMW265C	50	N	300	500	N	100	<500	2,000	N	--
PMW266C	30	N	1,000	100	N	200	2,000	>2,000	N	--
PMW267C	50	N	1,000	100	N	300	3,000	>2,000	N	--
PMW268C	50	20	500	150	N	200	N	>2,000	N	--
PMW269C	50	N	500	100	N	150	500	>2,000	N	--
PMW270C	30	<20	500	100	N	100	N	>2,000	N	--
PMW271C	50	<20	300	100	N	150	N	>2,000	N	--
PMW272C	50	20	200	100	N	100	N	>2,000	N	--
PMW273C	50	N	<200	150	N	200	N	>2,000	N	--
PMW274C	15	N	500	100	N	100	N	>2,000	N	--

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Lat	Long	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
PMW275C	55 20 8	160 41 6	.7	.20	1.50	2.00	300	N	N	N	<20	500
PMW276C	55 24 1	160 41 38	.5	.20	1.50	>2.00	300	N	N	N	70	150
PMW277C	55 21 58	160 44 48	.5	.15	2.00	2.00	300	N	N	N	20	500
PMW278C	55 21 40	160 44 40	.5	.20	1.50	2.00	200	N	N	N	20	500
PMW279C	55 18 30	160 44 45	.7	.30	1.50	1.00	200	N	N	N	20	700
PMW280C	55 14 20	160 35 24	1.0	.30	.30	>2.00	300	<1	N	N	20	>10,000
PMW281C	55 14 27	160 35 26	10.0	.07	<.10	.70	100	1	<500	N	<20	10,000
PMW282C	55 14 45	160 34 34	.7	.30	.30	>2.00	200	N	N	N	700	300
PMW283C	55 13 17	160 32 0	.5	.50	1.50	1.50	200	N	N	N	<20	700
PMW284C	55 13 40	160 33 41	.5	.30	1.00	>2.00	300	20	N	100	20	700
PMW285C	55 12 5	160 35 30	1.0	.70	1.00	2.00	300	N	N	N	20	5,000
PMW286C	55 12 0	160 35 32	.5	.20	1.50	2.00	300	N	N	N	20	700
PMW287C	55 11 58	160 35 27	.7	.30	.50	1.00	300	N	N	N	20	1,000
PMW288C	55 11 20	160 33 20	5.0	.30	1.00	1.50	300	3	N	N	20	1,000
PMW289C	55 10 10	160 33 55	.5	.50	1.50	>2.00	500	N	N	N	50	150
PMW290C	55 10 10	160 34 9	.5	.50	1.00	2.00	500	N	N	N	50	700
PMW291C	55 15 51	160 37 17	.7	.15	.30	2.00	300	<1	N	N	<20	70
PMW292C	55 16 39	160 38 9	20.0	.10	.30	.70	150	1	N	N	N	1,000
PMW293C	55 15 22	160 42 25	1.0	.20	1.00	2.00	300	N	N	N	100	10,000
PMW294C	55 14 42	160 42 40	.7	.30	1.50	.70	300	N	N	N	20	700
PMW295C	55 14 18	160 44 6	1.5	.15	1.50	.50	200	N	N	N	20	1,000
PMW296C	55 13 12	160 44 57	.5	.20	1.50	1.00	300	N	N	N	20	1,000
PMW297C	55 11 47	160 45 19	.2	.50	1.50	>2.00	200	N	N	N	300	200
PMW298C	55 9 3	160 48 24	.5	.50	2.00	.50	500	N	N	N	<20	700
PMW299C	55 14 28	160 49 58	.5	.30	2.00	.50	200	N	N	N	<20	500
PMW300C	55 12 13	160 47 21	2.0	.70	.50	.20	500	N	N	N	50	1,000
PMW301C	55 12 49	160 40 40	.7	.20	1.00	2.00	300	N	N	N	20	500
PMW302C	55 12 47	160 40 30	.5	.20	.50	>2.00	200	N	N	N	50	2,000
PMW303C	55 12 40	160 39 43	.7	.15	.15	>2.00	200	N	N	N	200	10,000
PMW304C	55 10 12	160 39 28	.5	.15	1.00	>2.00	300	10	N	N	50	700
PMW305C	55 11 27	160 32 55	1.0	.20	1.50	1.50	300	10	N	N	<20	700
PMW306C	55 13 14	160 35 29	1.5	.10	.30	2.00	300	N	N	N	<20	>10,000
PMW307C	55 13 18	160 35 32	10.0	.10	.20	2.00	100	<1	1,500	N	<20	10,000
PMW308C	55 18 57	160 41 44	.7	.15	1.00	2.00	300	N	N	N	300	500
PMW309C	55 17 42	160 49 52	.5	.20	1.50	1.50	300	N	N	N	20	500
PMW310C	55 36 13	161 19 40	.5	.30	1.00	2.00	500	N	N	N	100	1,500
PMW311C	55 41 49	161 12 20	.5	.15	.70	1.50	300	N	N	N	30	700
PMW312C	55 41 47	161 12 33	.5	.20	1.00	1.00	200	N	N	N	50	500
PMW313C	55 40 40	161 6 40	.7	.30	1.00	1.50	300	N	N	N	100	1,500
PMW314C	55 40 43	161 6 45	.7	.20	1.50	.70	300	N	N	N	500	700
PMW315C	55 44 59	161 3 49	.5	.15	2.00	2.00	500	1	N	N	20	200
PMW316C	55 45 39	161 14 49	.7	.20	1.50	1.00	200	N	N	N	30	700
PMW317C	55 45 42	161 14 30	.5	.10	1.50	2.00	500	N	N	N	30	500
PMW318C	55 48 0	161 8 35	.7	.30	1.00	2.00	500	N	N	N	50	700
PMW319C	55 48 12	160 57 13	.5	.20	1.00	2.00	300	<1	N	N	50	700
PMW320C	55 31 39	160 55 35	.5	.30	1.00	2.00	300	N	N	N	200	1,000
PMW321C	55 30 42	160 48 42	.5	.30	1.50	2.00	300	N	N	N	20	700
PMW322C	55 30 58	160 47 49	.5	.20	1.50	2.00	300	N	N	N	150	700
PMW323C	55 19 2	160 2 0	.7	.30	2.00	.50	300	N	N	N	<20	700
PMW324C	55 20 36	160 4 43	20.0	.15	.30	.50	500	1	N	N	20	10,000
PMW325C	55 24 32	160 12 45	1.0	1.00	2.00	>2.00	500	N	N	N	5,000	700
PMW326C	55 25 58	160 11 15	.5	.50	1.50	2.00	500	N	N	N	500	300
PMW327C	55 26 34	160 9 48	.7	1.00	2.00	.50	500	N	N	N	5,000	200
PMW328C	55 25 39	160 14 47	.7	.50	1.50	1.00	300	N	N	N	300	700
PMW329C	55 25 6	160 15 49	1.0	.50	2.00	.20	300	N	N	N	200	700
PMW330C	55 24 39	160 20 10	2.0	2.00	5.00	.50	500	N	N	N	700	700
PMW331C	55 24 52	160 20 17	1.0	.70	2.00	.50	300	N	N	N	150	500
PMW332C	55 18 38	160 25 55	.5	.30	1.50	.70	300	N	N	N	20	700
PMW333C	55 31 43	161 5 10	.7	.20	.50	>2.00	300	N	N	N	150	2,000
PMW334C	55 32 37	161 11 34	.7	.30	.50	2.00	200	N	N	N	100	700

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMW275C	N	N	N	N	70	N	150	<10	50	N	<20	N
PMW276C	N	N	N	<10	100	N	200	<10	70	N	<20	N
PMW277C	N	N	N	<10	70	N	150	<10	<50	N	<20	N
PMW278C	5	N	N	N	50	N	100	N	<50	N	N	N
PMW279C	N	N	N	<10	50	N	100	N	N	N	<20	N
PMW280C	N	N	N	15	50	20	N	<10	<50	N	<20	N
PMW281C	N	N	N	50	50	200	N	N	N	150	70	N
PMW282C	N	N	N	15	100	20	N	<10	N	N	50	N
PMW283C	N	N	N	<10	70	10	N	N	N	N	<20	N
PMW284C	N	N	N	15	50	<10	150	N	<50	N	70	N
PMW285C	N	N	N	<10	150	15	50	<10	N	N	<20	N
PMW286C	N	N	N	N	150	<10	N	<10	N	N	<20	N
PMW287C	N	N	N	N	50	10	N	N	N	N	<20	N
PMW288C	N	<20	100	30	70	500	N	N	N	20	500	N
PMW289C	N	N	N	10	150	<10	100	<10	<50	N	20	N
PMW290C	N	N	N	10	200	10	70	<10	<50	N	20	N
PMW291C	N	N	N	10	50	30	N	<10	N	N	100	N
PMW292C	N	N	N	100	20	50	N	N	N	50	20	N
PMW293C	N	N	N	10	50	15	100	N	<50	N	20	N
PMW294C	N	N	N	<10	70	<10	N	N	N	N	<20	N
PMW295C	N	N	N	10	70	10	100	N	N	<10	20	N
PMW296C	N	N	N	<10	100	N	N	N	N	N	<20	N
PMW297C	N	N	N	<10	300	<10	100	20	<50	N	<20	N
PMW298C	N	N	N	<10	150	<10	N	N	N	N	<20	N
PMW299C	N	N	N	<10	70	<10	N	<10	N	N	N	N
PMW300C	N	N	N	20	70	N	N	N	N	N	50	N
PMW301C	N	N	N	<10	70	10	N	N	N	N	<20	N
PMW302C	<2	N	N	<10	150	10	70	<10	<50	N	100	N
PMW303C	N	N	<50	10	200	20	150	<10	50	N	100	N
PMW304C	N	<20	N	<10	150	15	150	10	<50	N	100	N
PMW305C	N	<20	200	10	150	500	N	N	N	N	1,000	N
PMW306C	N	N	50	20	70	100	N	N	<50	N	50	N
PMW307C	N	N	<50	70	70	200	N	N	N	30	100	N
PMW308C	N	N	N	<10	70	<10	200	<10	70	N	<20	N
PMW309C	N	N	N	<10	50	N	70	N	N	N	N	N
PMW310C	N	N	N	<10	50	<10	150	N	<50	N	50	N
PMW311C	N	N	N	<10	20	<10	100	N	<50	N	N	N
PMW312C	N	<20	N	<10	30	<10	50	N	<50	N	N	N
PMW313C	N	<20	N	<10	70	<10	70	N	<50	N	N	N
PMW314C	N	<20	N	<10	30	<10	50	N	N	N	N	N
PMW315C	N	N	N	<10	20	<10	200	<10	50	N	<20	N
PMW316C	N	<20	N	<10	20	<10	N	N	N	N	N	N
PMW317C	N	N	N	<10	20	<10	150	N	<50	N	N	N
PMW318C	<2	N	N	N	70	<10	70	N	<50	N	N	N
PMW319C	N	N	N	<10	50	N	100	N	<50	N	<20	N
PMW320C	N	N	N	10	70	10	200	N	<50	N	20	N
PMW321C	N	N	N	<10	100	N	150	<10	50	N	<20	N
PMW322C	7	N	N	<10	70	N	150	<10	50	N	<20	N
PMW323C	<2	N	N	<10	50	<10	N	N	N	N	<20	N
PMW324C	N	N	N	150	30	150	N	N	N	100	150	N
PMW325C	N	N	N	10	300	N	200	N	50	N	20	N
PMW326C	N	N	N	<10	200	<10	150	N	50	N	50	N
PMW327C	N	N	N	<10	300	<10	50	N	N	20	N	N
PMW328C	N	N	N	<10	200	<10	70	N	50	N	N	N
PMW329C	<2	N	N	<10	20	15	N	70	N	N	N	N
PMW330C	N	N	N	20	300	N	N	N	N	N	70	N
PMW331C	N	N	N	<10	300	<10	N	N	N	10	N	N
PMW332C	N	N	N	N	50	<10	N	N	N	N	N	N
PMW333C	N	N	N	10	50	10	300	N	50	N	50	N
PMW334C	N	N	N	<10	50	<10	70	N	<50	N	N	N

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
PMW275C	10	<20	700	70	N	100	N	>2,000	N	--
PMW276C	15	20	500	100	N	150	N	>2,000	N	--
PMW277C	10	<20	700	70	N	100	N	>2,000	N	--
PMW278C	10	N	700	70	N	100	N	>2,000	N	--
PMW279C	10	N	700	70	N	70	N	>2,000	N	--
PMW280C	20	N	500	150	N	20	<500	200	N	--
PMW281C	10	N	500	50	N	20	2,000	300	N	--
PMW282C	30	<20	500	200	N	50	N	2,000	N	--
PMW283C	20	N	700	70	N	50	N	2,000	N	--
PMW284C	50	50	<200	70	<100	150	N	>2,000	N	--
PMW285C	30	N	700	150	N	30	N	300	N	--
PMW286C	15	N	700	100	N	20	N	500	N	--
PMW287C	15	N	700	70	N	50	N	1,000	N	--
PMW288C	20	700	500	100	<100	50	5,000	300	N	--
PMW289C	30	20	500	150	N	100	N	>2,000	N	--
PMW290C	30	<20	500	200	N	50	N	1,500	N	--
PMW291C	20	<20	500	150	N	30	2,000	1,500	N	--
PMW292C	15	N	300	100	N	20	700	300	N	--
PMW293C	30	N	500	70	N	100	N	>2,000	N	--
PMW294C	15	N	1,000	70	N	30	N	2,000	N	--
PMW295C	15	N	700	50	N	100	<500	>2,000	N	--
PMW296C	15	N	700	70	N	50	N	>2,000	N	--
PMW297C	30	50	500	200	N	50	N	>2,000	N	--
PMW298C	20	N	700	50	N	30	N	>2,000	N	--
PMW299C	15	N	1,000	50	N	30	N	300	N	--
PMW300C	10	N	200	50	N	100	N	>2,000	N	--
PMW301C	30	N	500	100	N	70	N	>2,000	N	--
PMW302C	50	20	500	300	N	50	N	1,000	N	--
PMW303C	70	30	700	300	N	70	1,000	1,500	N	--
PMW304C	50	20	300	150	<100	100	N	>2,000	N	--
PMW305C	20	500	700	70	N	30	2,000	2,000	N	--
PMW306C	50	N	500	100	N	50	1,000	2,000	N	--
PMW307C	30	N	500	70	N	50	2,000	300	N	--
PMW308C	20	<20	300	70	N	200	N	>2,000	N	--
PMW309C	20	N	1,000	50	N	70	N	>2,000	N	--
PMW310C	20	N	500	70	N	100	N	>2,000	N	--
PMW311C	15	N	500	50	N	100	N	>2,000	N	--
PMW312C	10	N	500	50	N	50	N	>2,000	N	--
PMW313C	15	N	500	70	N	70	N	>2,000	N	--
PMW314C	10	N	700	50	N	50	N	>2,000	N	--
PMW315C	15	<20	500	70	N	200	N	>2,000	N	--
PMW316C	10	N	700	50	N	50	N	1,500	N	--
PMW317C	20	N	500	70	N	150	N	>2,000	N	--
PMW318C	10	N	500	70	N	200	N	>2,000	N	--
PMW319C	15	N	500	70	N	100	N	>2,000	N	--
PMW320C	15	N	500	70	N	150	N	>2,000	N	--
PMW321C	15	<20	500	70	N	150	N	>2,000	N	--
PMW322C	10	<20	500	70	N	150	N	>2,000	N	--
PMW323C	15	N	1,000	50	N	30	N	>2,000	N	--
PMW324C	10	N	300	50	N	50	500	2,000	N	--
PMW325C	50	N	300	150	N	200	N	>2,000	N	--
PMW326C	15	30	500	70	N	150	N	>2,000	N	--
PMW327C	15	N	1,000	50	N	70	N	>2,000	N	--
PMW328C	10	50	500	70	N	100	N	>2,000	N	--
PMW329C	10	N	1,000	50	N	20	N	2,000	N	--
PMW330C	50	N	1,000	200	N	70	N	>2,000	N	--
PMW331C	10	N	700	50	N	30	N	>2,000	N	--
PMW332C	10	N	700	70	N	50	N	>2,000	N	--
PMW333C	10	N	500	70	N	100	N	>2,000	N	--
PMW334C	15	N	300	70	N	100	N	>2,000	N	--

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Lat	Long	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMW335C	55 31 20	161 23 26	1.5	.20	1.00	2.00	500	N	N	N	200	5,000
PMW336C	55 31 18	161 23 34	1.5	.20	1.00	2.00	300	N	N	N	100	5,000
PMW337C	55 28 30	161 25 53	1.0	.30	1.50	>2.00	500	N	N	N	70	700
PMW338C	55 28 26	161 26 5	1.0	.70	1.50	>2.00	500	N	N	N	70	7,000
PMW339C	55 36 33	160 48 26	1.0	.20	.70	2.00	500	N	N	N	150	>10,000
PMW340C	55 46 14	160 42 1	.5	.20	1.00	>2.00	500	N	N	N	300	1,000
PMW341C	55 29 20	160 29 50	.7	.30	1.50	.70	700	N	N	N	70	500
PMW342C	55 29 29	160 29 40	.7	.30	1.50	.70	200	N	N	N	50	500
PMW343C	55 29 22	160 29 28	.7	.30	1.50	.50	500	N	N	N	50	500
PMW344C	55 22 30	161 24 30	1.5	.70	2.00	1.50	500	N	N	N	5,000	5,000
PMW345C	55 23 8	161 16 44	.7	.50	2.00	1.50	300	N	N	N	300	700
PMW346C	55 23 2	161 16 41	1.0	.70	2.00	2.00	700	N	N	N	100	700
PMW347C	55 25 3	161 13 41	1.0	.70	1.50	2.00	500	N	N	N	300	3,000
PMW348C	55 27 32	160 44 10	.7	.50	2.00	.50	300	N	N	N	20	500
PMW349C	55 29 49	161 1 30	1.0	.70	1.50	2.00	700	N	N	N	50	1,500
PMW350C	55 40 2	160 59 6	.7	.30	.70	1.50	300	N	N	N	2,000	700
PMW351C	55 41 19	161 7 53	.5	.20	1.50	.50	200	N	N	N	20	700
PMW352C	55 44 19	160 56 0	.5	.50	2.00	2.00	1,000	N	N	N	1,000	300
PMW353C	55 38 34	161 7 24	.5	.20	1.50	.50	300	N	N	N	50	1,000
PMW354C	55 57 45	159 48 20	3.0	.15	1.50	.50	200	N	1,000	N	20	>10,000
PMW355C	55 57 47	159 48 10	20.0	.15	.20	.30	200	N	N	N	<20	10,000
PMW356C	55 55 18	159 47 20	10.0	1.00	1.50	>2.00	1,000	N	N	N	100	>10,000
PMW357C	55 52 48	159 47 10	3.0	2.00	2.00	>2.00	1,000	N	N	N	50	700
PMW358C	55 52 55	159 47 10	.7	.50	1.50	1.50	500	N	N	N	300	700
PMW359C	55 50 16	159 53 3	20.0	.07	.15	2.00	70	5	<500	N	N	3,000
PMW360C	55 55 37	159 52 50	20.0	.15	.15	.15	150	N	<500	N	<20	5,000
PMW361C	55 55 39	159 52 42	10.0	.15	1.50	.20	150	N	N	N	<20	>10,000
PMW362C	55 54 17	159 51 3	1.5	.20	1.00	2.00	200	N	N	N	100	>10,000
PMW363C	55 52 50	159 55 21	1.5	.70	5.00	.15	300	N	N	N	<20	2,000
PMW364C	55 51 19	159 57 16	1.0	.15	1.50	.50	150	N	N	N	100	700
PMW365C	55 49 58	159 57 3	5.0	.70	2.00	>2.00	1,000	N	N	N	100	2,000
PMW366C	55 47 47	159 54 0	5.0	.70	3.00	>2.00	1,000	N	N	N	5,000	1,000
PMW367C	55 49 30	159 56 48	5.0	.30	3.00	2.00	700	50	<500	100	70	10,000
PMW368C	55 50 52	160 0 5	7.0	.15	1.50	1.50	700	N	N	N	50	10,000
PMW369C	55 51 9	160 1 45	20.0	.10	.70	.70	100	<1	<500	N	20	10,000
PMW370C	55 43 33	160 4 10	3.0	1.00	2.00	>2.00	700	N	N	N	5,000	10,000
PMW371C	55 42 42	160 6 42	3.0	.20	.50	.50	200	N	N	N	50	>10,000
PMW372C	55 41 3	160 17 32	2.0	.20	1.00	2.00	300	N	N	N	1,000	>10,000
PMW373C	55 41 0	160 17 44	1.0	.30	.70	2.00	300	N	N	N	1,000	>10,000
PMW374C	55 43 50	160 18 6	5.0	2.00	5.00	>2.00	1,000	N	N	N	1,000	10,000
PMW375C	55 43 58	160 22 8	5.0	.70	1.00	2.00	500	5	N	N	5,000	>10,000
PMW376C	55 42 4	160 32 0	20.0	.10	5.00	2.00	500	N	N	N	100	1,000
PMW377C	55 41 46	160 36 0	2.0	.70	2.00	>2.00	700	N	N	N	150	10,000
PMW378C	55 38 32	160 31 33	1.0	.20	1.00	2.00	500	N	N	N	30	1,000
PMW379C	55 31 57	160 33 47	1.0	.15	1.50	2.00	500	N	N	N	50	10,000
PMW380C	55 37 45	161 32 48	5.0	2.00	3.00	>2.00	1,000	N	N	N	50	1,000
PMW381C	55 48 18	161 30 45	1.0	.30	1.50	1.50	700	N	N	N	20	700
PMW383C	55 47 45	161 59 36	1.0	.20	1.50	.50	300	N	N	N	20	700
PMW384C	55 44 24	161 58 35	1.0	.50	2.00	.50	700	N	N	N	20	700
PMW385C	55 41 0	161 58 22	.5	.15	1.50	.30	200	N	N	N	20	1,000
PMW386C	55 38 23	161 54 32	.7	.50	2.00	.50	500	N	N	N	20	500
PMW387C	55 33 40	161 59 10	2.0	1.00	10.00	.50	700	N	N	N	20	500
PMW388C	55 33 41	161 59 20	1.0	.30	5.00	.20	300	N	N	N	<20	<50
PMW389C	55 32 39	161 52 19	1.0	.70	3.00	.70	500	N	N	N	20	150
PMW390C	55 32 34	161 52 17	.7	.20	5.00	.10	300	N	N	N	<20	50
PMW391C	55 28 38	161 59 54	1.0	.50	10.00	.50	500	N	N	N	20	300
PMW392C	55 48 48	160 30 52	.3	.07	.30	1.50	200	N	N	N	20	10,000
PMW393C	55 54 49	160 18 9	.3	.10	.70	>2.00	300	N	N	N	100	1,000
PMW394C	55 54 45	160 18 20	.3	.10	1.00	>2.00	300	N	N	N	50	5,000
PMW395C	55 57 12	160 19 27	.7	.15	1.00	.70	200	N	N	N	50	700

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMW335C	N	N	N	15	50	15	150	15	<50	20	20	N
PMW336C	N	N	N	20	50	15	100	<10	<50	N	150	N
PMW337C	<2	N	N	<10	70	10	100	<10	50	N	<20	N
PMW338C	N	N	N	10	150	15	70	N	<50	N	<20	N
PMW339C	N	N	<50	50	100	15	200	N	<50	50	200	N
PMW340C	N	N	N	N	50	<10	150	N	<50	N	<20	N
PMW341C	N	N	N	<10	70	N	N	N	N	N	N	N
PMW342C	<2	N	N	<10	20	N	N	N	N	N	N	N
PMW343C	N	N	N	<10	<20	N	N	N	N	N	N	N
PMW344C	N	N	N	10	200	20	N	N	N	10	<20	N
PMW345C	N	N	N	<10	150	15	N	N	N	N	<20	N
PMW346C	<2	N	N	10	100	<10	200	10	50	N	<20	N
PMW347C	<2	N	N	15	150	10	100	N	<50	N	<20	N
PMW348C	<2	N	N	<10	70	N	N	N	<50	N	N	N
PMW349C	N	N	N	10	70	<10	70	N	<50	N	70	N
PMW350C	N	N	N	20	50	15	50	N	<50	N	70	N
PMW351C	<2	N	N	N	<20	<10	50	N	N	N	N	N
PMW352C	N	N	N	<10	150	10	200	N	<50	N	<20	N
PMW353C	<2	N	N	<10	<20	<10	50	N	N	N	20	N
PMW354C	<2	200	N	30	N	150	N	N	N	N	50	N
PMW355C	N	N	N	50	20	100	N	N	N	30	20	N
PMW356C	N	N	N	50	200	20	200	<10	50	<10	100	N
PMW357C	N	N	N	20	200	N	500	<10	50	N	150	N
PMW358C	N	N	N	<10	100	<10	50	N	<50	N	N	N
PMW359C	N	20	N	200	70	200	N	20	N	100	100	N
PMW360C	N	N	N	50	50	200	N	N	N	50	<20	N
PMW361C	N	N	N	50	N	20	N	N	N	<10	<20	N
PMW362C	N	N	<50	15	70	<10	100	N	50	N	70	N
PMW363C	<2	N	N	<10	200	15	70	N	N	<10	N	N
PMW364C	N	N	N	<10	<20	<10	50	N	N	N	N	N
PMW365C	N	N	N	50	100	50	500	N	<50	<10	200	N
PMW366C	N	70	N	50	100	50	500	200	N	<10	1,000	N
PMW367C	N	N	1,000	70	50	500	100	<10	<50	20	1,000	<200
PMW368C	N	30	70	50	50	50	200	N	N	30	50	N
PMW369C	<2	<20	N	100	<20	150	N	N	N	50	70	N
PMW370C	N	N	N	20	100	20	<50	<10	<50	N	50	N
PMW371C	N	N	N	20	30	200	N	N	N	<10	500	N
PMW372C	<2	N	N	20	50	10	50	N	N	20	<20	N
PMW373C	N	N	N	10	70	20	50	20	N	20	N	N
PMW374C	N	N	N	30	200	100	N	10	N	50	50	N
PMW375C	N	N	N	20	150	200	N	70	<50	<10	50	N
PMW376C	7	N	N	200	150	200	200	20	<50	150	N	N
PMW377C	N	N	N	20	150	10	200	N	100	N	50	N
PMW378C	2	N	N	<10	50	10	150	<10	50	N	300	N
PMW379C	2	N	N	10	50	<10	100	<10	<50	<10	<20	N
PMW380C	N	N	N	50	200	10	<50	N	<50	<10	N	N
PMW381C	2	N	N	<10	100	<10	100	N	<50	N	<20	N
PMW383C	2	N	N	<10	20	<10	N	N	N	N	N	N
PMW384C	2	N	N	<10	100	<10	50	N	N	N	N	N
PMW385C	<2	N	N	N	N	<10	N	N	N	N	N	N
PMW386C	<2	N	N	<10	30	<10	N	N	N	N	20	N
PMW387C	N	N	N	20	20	50	N	N	N	N	300	N
PMW388C	<2	N	N	<10	N	10	N	N	N	N	N	N
PMW389C	N	N	N	<10	70	<10	50	N	N	N	N	N
PMW390C	N	N	N	<10	N	<10	N	N	N	N	<20	N
PMW391C	N	N	N	N	N	10	N	N	N	N	N	N
PMW392C	N	N	N	N	30	N	70	N	N	N	N	N
PMW393C	N	N	N	<10	70	<10	150	N	<50	N	<20	N
PMW394C	N	N	N	N	70	N	150	<10	50	N	<20	N
PMW395C	N	N	N	<10	20	N	N	N	N	N	N	N

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
PMW335C	30	N	700	70	N	100	500	>2,000	N	--
PMW336C	30	N	500	50	N	100	N	>2,000	N	--
PMW337C	50	N	500	70	N	100	N	2,000	N	--
PMW338C	30	N	500	50	N	100	500	>2,000	N	--
PMW339C	30	N	1,000	70	N	100	500	>2,000	N	--
PMW340C	30	<20	500	70	N	300	500	>2,000	N	--
PMW341C	15	N	1,000	50	N	50	N	>2,000	N	--
PMW342C	10	N	1,000	70	N	50	N	>2,000	N	--
PMW343C	10	N	1,000	50	N	50	N	>2,000	N	--
PMW344C	20	N	700	70	N	70	<500	>2,000	N	--
PMW345C	20	N	700	100	N	70	N	>2,000	N	--
PMW346C	30	20	500	100	N	200	N	>2,000	N	--
PMW347C	30	N	300	100	N	100	N	>2,000	N	--
PMW348C	20	N	1,000	50	N	50	N	1,000	N	--
PMW349C	30	N	500	100	N	70	N	2,000	N	--
PMW350C	20	N	200	100	N	70	N	>2,000	N	--
PMW351C	15	N	1,000	50	N	70	N	>2,000	N	--
PMW352C	10	<20	300	100	N	200	N	>2,000	N	--
PMW353C	10	N	1,000	30	N	30	N	>2,000	N	--
PMW354C	10	N	3,000	30	N	50	N	>2,000	N	--
PMW355C	10	N	500	50	N	<20	<500	150	N	--
PMW356C	20	50	200	200	N	200	1,000	>2,000	N	--
PMW357C	70	100	N	300	N	500	500	>2,000	N	--
PMW358C	30	N	700	70	N	100	N	>2,000	N	--
PMW359C	20	N	N	70	N	70	500	>2,000	N	--
PMW360C	<10	N	300	50	N	<20	N	<20	N	--
PMW361C	<10	N	1,500	30	N	20	N	500	N	--
PMW362C	10	N	1,000	70	N	200	700	>2,000	N	--
PMW363C	10	N	1,000	50	N	50	N	700	N	--
PMW364C	10	N	500	50	N	30	N	2,000	N	--
PMW365C	50	70	N	200	N	300	N	>2,000	N	--
PMW366C	20	N	N	200	N	500	N	>2,000	N	--
PMW367C	10	150	1,000	150	<100	150	7,000	>2,000	N	--
PMW368C	10	N	1,000	70	N	150	3,000	>2,000	N	--
PMW369C	<10	N	1,000	30	N	30	N	150	N	--
PMW370C	30	N	500	200	N	100	N	>2,000	N	--
PMW371C	N	<20	>10,000	20	N	50	1,000	>2,000	N	--
PMW372C	30	N	1,500	50	N	100	500	>2,000	N	--
PMW373C	20	N	1,000	70	N	100	500	>2,000	N	--
PMW374C	50	N	300	500	N	100	N	>2,000	N	--
PMW375C	20	30	1,000	100	N	100	3,000	>2,000	N	--
PMW376C	20	<20	<200	200	1,000	500	<500	2,000	N	--
PMW377C	50	<20	300	150	N	500	N	>2,000	N	--
PMW378C	30	N	300	100	N	150	N	>2,000	N	--
PMW379C	30	20	500	70	N	200	N	>2,000	N	--
PMW380C	20	N	700	200	N	200	N	>2,000	N	--
PMW381C	20	N	700	70	N	100	N	>2,000	N	--
PMW383C	10	N	1,000	70	N	30	N	>2,000	N	--
PMW384C	10	N	1,000	70	N	50	N	>2,000	N	--
PMW385C	<10	N	1,000	50	N	20	N	2,000	N	--
PMW386C	10	N	700	50	N	50	N	2,000	N	--
PMW387C	N	N	1,000	50	N	<20	N	700	N	--
PMW388C	20	N	700	30	N	<20	N	500	N	--
PMW389C	20	N	700	70	N	70	N	>2,000	N	--
PMW390C	20	N	700	30	N	<20	N	200	N	--
PMW391C	N	N	1,000	50	N	N	N	500	N	--
PMW392C	15	N	300	50	N	150	500	>2,000	N	--
PMW393C	15	<20	300	70	N	150	N	>2,000	N	--
PMW394C	30	70	500	70	N	200	N	>2,000	N	--
PMW395C	10	N	500	50	N	50	N	>2,000	N	--

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Lat	Long	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMW396C	55 58 38	160 19 2	.7	.10	2.00	.20	200	N	N	N	20	500
PMW397C	55 59 40	160 25 30	.7	.15	1.50	2.00	200	N	N	N	50	1,000
PMW398C	55 56 50	160 30 30	.5	.15	1.00	2.00	300	N	N	N	50	1,000
PMW399C	55 54 44	160 25 16	.3	.10	1.00	2.00	300	N	N	N	50	700
PMW400C	55 51 58	160 19 12	.7	.07	1.50	2.00	200	N	N	N	30	>10,000
PMW401C	55 51 22	160 12 35	.7	.20	1.50	1.50	200	N	N	N	50	5,000
PMW402C	55 51 19	160 12 30	1.0	.20	2.00	2.00	700	N	N	N	<20	5,000
PMW403C	55 53 33	160 10 17	.5	.20	1.50	1.50	150	N	N	N	20	1,500
PMW404C	55 53 28	160 10 15	5.0	.07	1.00	1.00	200	<1	1,500	N	<20	>10,000
PMW405C	55 50 1	160 10 14	1.5	.20	5.00	2.00	1,000	N	N	N	<20	1,500
PMW406C	55 55 46	160 11 57	1.0	.30	2.00	1.50	500	N	N	N	20	3,000
PMW407C	55 55 48	160 11 54	.5	.20	2.00	.70	200	N	N	N	30	1,500
PMW408C	55 58 32	160 13 5	.5	.10	1.50	.50	150	N	N	N	20	700
PMW409C	55 57 27	160 7 53	.5	.15	1.00	2.00	200	N	N	N	30	1,000
PMW410C	55 57 22	160 7 48	.2	.10	1.00	>2.00	200	N	N	<20	20	1,500
PMW411C	55 58 16	160 4 44	7.0	.15	1.50	2.00	300	N	N	N	100	10,000
PMW412C	55 58 50	160 2 35	20.0	.50	.10	.30	500	N	<500	N	<20	2,000
PMW413C	55 54 30	160 8 15	5.0	.15	2.00	.70	200	N	N	N	<20	3,000
PMW414C	55 54 31	160 8 23	1.5	.20	1.50	2.00	300	N	N	N	50	>10,000
PMY415C	55 34 50	159 43 7	1.5	1.00	5.00	1.50	700	N	N	N	100	200
PMY416C	55 36 17	159 40 56	1.5	.70	10.00	2.00	1,000	N	N	N	1,000	<50
PMY417C	55 39 30	159 38 28	1.5	.50	1.00	>2.00	300	N	N	N	5,000	300
PMY418C	55 41 8	159 39 44	1.0	.50	3.00	>2.00	700	N	N	N	700	>10,000
PMY419C	55 42 40	159 37 20	2.0	.70	7.00	>2.00	1,500	N	N	N	50	500
PMY420C	55 44 19	159 39 49	2.0	1.00	3.00	>2.00	1,000	N	N	N	100	5,000
PMY421C	55 44 41	159 30 39	1.5	.50	5.00	.50	500	N	N	N	70	700
PMY422C	55 45 18	159 33 2	10.0	.30	.20	>2.00	300	N	N	N	100	7,000
PMY423C	55 45 18	159 33 13	20.0	.30	.50	2.00	300	N	N	N	100	>10,000
PMY424C	55 59 3	158 41 36	1.5	.50	2.00	>2.00	700	N	N	N	300	700
PMY425C	55 59 18	158 47 47	1.0	.30	5.00	.50	500	N	N	N	150	500
PMY426C	55 58 50	158 54 21	1.0	.20	7.00	1.00	1,000	N	N	N	50	300
PMY427C	55 49 19	158 53 47	1.5	.30	7.00	2.00	1,000	N	N	N	300	100
PMY428C	55 51 35	158 52 25	1.0	.20	7.00	>2.00	1,000	N	N	N	100	200
PMY429C	55 51 29	158 45 15	1.0	.20	7.00	1.00	1,500	N	N	N	200	300
PMY430C	55 59 23	159 0 31	1.0	.20	10.00	1.00	500	N	N	N	>5,000	>10,000
PMY431C	55 55 23	159 1 48	2.0	.50	5.00	>2.00	1,000	N	N	N	200	5,000
PMY432C	55 53 43	159 1 43	2.0	1.50	15.00	2.00	2,000	N	N	N	50	200
PMY433C	55 50 8	159 8 52	1.0	.20	5.00	1.00	500	N	N	N	100	700
PMY434C	55 52 3	159 9 0	1.5	1.00	10.00	1.00	700	N	N	N	500	1,500
PMY435C	55 54 44	159 15 39	1.0	.20	2.00	2.00	700	N	N	N	50	500
PMY436C	55 55 44	159 18 39	2.0	.70	5.00	>2.00	1,000	N	N	N	>5,000	>10,000
PMY437C	55 55 42	159 18 25	2.0	.30	7.00	2.00	500	N	N	N	>5,000	>10,000
PMY438C	55 54 11	159 19 16	1.0	.30	1.50	>2.00	500	N	N	N	100	500
PMY439C	55 48 39	159 19 53	2.0	.50	5.00	>2.00	700	N	N	N	100	500
PMY440C	55 46 40	159 17 27	1.0	.70	10.00	.10	500	N	N	N	>5,000	50
PMY441C	55 45 26	159 22 20	.7	.30	10.00	.10	500	N	N	N	100	100
PMY442C	55 49 5	159 27 20	1.0	.30	3.00	>2.00	500	N	N	N	50	1,500
PMY443C	55 51 49	159 26 23	30.0	.10	.50	.50	30	10	N	N	20	700
PMY444C	55 53 4	159 27 27	2.0	.10	5.00	>2.00	200	70	1,000	N	50	200
PMY445C	55 53 52	159 26 7	50.0	.05	.50	1.00	20	3	2,000	N	<20	1,000
PMY446C	55 54 42	159 28 12	2.0	.50	3.00	>2.00	500	N	N	N	5,000	3,000
PMY447C	55 56 44	159 29 29	20.0	.70	2.00	.20	300	N	N	N	500	100
PMY448C	55 56 59	159 25 35	30.0	3.00	7.00	.30	1,000	N	N	N	5,000	5,000
PMY449C	55 56 3	159 25 57	1.5	.70	10.00	>2.00	1,500	N	N	N	700	200
PMY450C	55 57 8	159 33 47	5.0	1.00	5.00	.50	700	N	N	N	3,000	2,000
PMY451C	55 57 9	159 34 10	1.5	.20	5.00	>2.00	200	N	N	N	70	700
PMY452C	55 55 55	159 34 20	5.0	.30	5.00	>2.00	500	N	N	N	50	>10,000
PMY453C	55 55 8	159 36 30	5.0	.20	15.00	2.00	700	N	N	N	>5,000	1,000
PMY454C	55 54 4	159 39 59	1.0	.50	20.00	.70	500	N	N	N	>5,000	<50
PMY455C	55 53 17	159 32 48	15.0	.50	1.00	1.50	700	N	N	N	500	>10,000

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMW396C	N	N	N	N	N	<10	N	N	N	N	N	N
PMW397C	N	N	N	<10	50	<10	50	N	N	N	N	N
PMW398C	20	N	N	<10	50	<10	70	N	<50	N	N	N
PMW399C	N	N	N	<10	50	<10	150	N	<50	N	N	N
PMW400C	N	N	N	<10	70	<10	100	N	<50	N	<20	N
PMW401C	N	N	N	<10	50	<10	70	N	<50	N	<20	N
PMW402C	<2	N	N	10	20	10	70	30	N	N	<20	N
PMW403C	N	N	N	<10	30	<10	50	N	50	N	N	N
PMW404C	<2	N	N	20	N	150	50	20	N	N	20	N
PMW405C	3	N	N	15	30	15	150	N	<50	N	30	N
PMW406C	N	N	N	<10	50	<10	70	N	N	N	N	N
PMW407C	N	N	N	N	<20	<10	50	N	N	N	N	N
PMW408C	N	N	N	N	<20	<10	N	N	N	N	N	N
PMW409C	N	N	N	<10	30	<10	70	N	N	N	200	N
PMW410C	N	N	N	<10	50	<10	100	N	<50	N	N	N
PMW411C	N	<20	N	30	20	150	N	N	N	30	20	N
PMW412C	N	N	N	100	30	200	N	10	N	100	20	N
PMW413C	<2	N	N	10	N	20	N	N	N	N	<20	N
PMW414C	N	N	N	10	50	<10	100	N	50	N	<20	N
PMY415C	<2	N	N	10	500	10	N	<10	N	N	20	N
PMY416C	<2	N	N	10	150	<10	N	10	N	N	N	N
PMY417C	<2	N	N	10	150	<10	N	<10	<50	N	N	N
PMY418C	<2	N	N	10	50	<10	50	10	N	N	N	N
PMY419C	<2	N	N	10	100	50	200	<10	N	N	<20	N
PMY420C	<2	N	N	30	100	70	200	<10	100	N	70	N
PMY421C	N	N	N	<10	50	<10	N	15	N	N	<20	N
PMY422C	<2	N	N	100	100	70	N	15	50	50	50	N
PMY423C	<2	N	N	150	50	<10	N	N	<50	50	70	N
PMY424C	<2	N	N	<10	70	<10	150	N	N	N	100	N
PMY425C	<2	N	N	<10	70	<10	50	20	N	<10	<20	N
PMY426C	<2	N	N	<10	20	<10	150	10	N	<10	N	N
PMY427C	<2	N	N	10	20	<10	200	N	N	N	N	N
PMY428C	<2	N	N	<10	50	<10	150	N	N	N	50	N
PMY429C	<2	N	N	<10	50	<10	200	N	N	N	<20	N
PMY430C	3	N	N	<10	30	10	100	<10	N	<10	N	N
PMY431C	<2	N	N	20	100	15	500	N	50	N	<20	N
PMY432C	<2	N	N	10	100	<10	700	N	N	<10	N	N
PMY433C	<2	N	N	10	50	<10	50	N	N	N	N	N
PMY434C	2	N	N	10	100	10	<50	15	N	20	N	N
PMY435C	<2	N	N	N	30	<10	150	N	N	N	N	N
PMY436C	<2	N	N	20	200	100	300	30	N	20	<20	N
PMY437C	2	N	N	10	50	20	100	N	N	10	<20	N
PMY438C	<2	N	N	10	100	<10	2,000	10	N	<10	<20	N
PMY439C	<2	N	N	10	150	15	200	10	N	<10	<20	N
PMY440C	2	N	N	N	150	<10	<50	N	N	N	N	N
PMY441C	<2	N	N	N	50	<10	<50	N	N	N	N	N
PMY442C	<2	N	N	<10	150	<10	70	N	N	N	N	N
PMY443C	N	200	N	500	<20	500	N	100	N	500	30	N
PMY444C	<2	N	N	<10	20	20	<50	N	<50	N	20,000	N
PMY445C	N	30	N	500	20	700	N	150	N	200	50	N
PMY446C	<2	N	N	10	70	15	100	N	N	N	N	N
PMY447C	<2	N	N	50	50	150	N	<10	N	20	20	N
PMY448C	N	N	N	100	300	200	N	30	N	100	20	N
PMY449C	<2	N	N	10	70	10	300	N	N	N	N	N
PMY450C	<2	N	N	20	50	20	N	<10	N	N	N	N
PMY451C	<2	N	N	<10	20	<10	N	<10	N	20	N	N
PMY452C	<2	N	N	15	20	100	<50	10	N	10	50	N
PMY453C	2	N	N	N	<20	15	N	10	N	<10	N	N
PMY454C	3	N	N	N	100	<10	N	10	N	<10	N	N
PMY455C	<2	N	N	100	50	200	N	<10	<50	200	100	N

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Th-ppm S	Au-ppm aa
PMW396C	<10	N	1,000	30	N	30	N	2,000	N	--
PMW397C	10	N	700	50	N	70	N	>2,000	N	--
PMW398C	10	N	500	70	N	100	N	>2,000	N	--
PMW399C	15	<20	300	70	N	150	N	>2,000	N	--
PMW400C	30	70	1,000	50	N	200	<500	>2,000	N	--
PMW401C	15	200	700	50	N	100	N	>2,000	N	--
PMW402C	30	<20	700	100	N	100	N	>2,000	N	--
PMW403C	10	N	700	70	N	100	N	>2,000	N	--
PMW404C	20	N	2,000	30	N	70	N	2,000	N	--
PMW405C	50	N	500	150	N	150	<500	300	N	--
PMW406C	10	<20	700	50	N	100	N	>2,000	N	--
PMW407C	<10	<20	1,000	50	N	50	N	>2,000	N	--
PMW408C	<10	<20	700	30	N	30	N	>2,000	N	--
PMW409C	15	500	500	50	N	100	N	>2,000	N	--
PMW410C	20	70	200	70	N	200	N	>2,000	N	--
PMW411C	10	N	1,000	50	N	100	N	>2,000	N	--
PMW412C	20	N	N	50	N	<20	<500	300	N	--
PMW413C	<10	N	700	50	N	30	N	300	N	--
PMW414C	20	N	1,000	70	N	100	500	>2,000	N	--
PMY415C	20	N	1,000	200	N	100	N	>2,000	N	N
PMY416C	15	100	500	700	N	70	N	2,000	N	N
PMY417C	50	<20	<200	300	N	500	N	>2,000	N	N
PMY418C	30	<20	1,000	200	N	500	N	>2,000	N	N
PMY419C	20	N	1,000	200	N	300	N	2,000	N	8.1
PMY420C	70	30	700	1,000	N	150	N	>2,000	N	70.0
PMY421C	N	N	1,000	50	N	50	N	>2,000	N	N
PMY422C	70	N	1,000	1,000	N	70	500	200	N	--
PMY423C	50	N	1,000	300	N	50	<500	2,000	N	N
PMY424C	15	N	700	100	N	70	N	>2,000	N	N
PMY425C	<10	N	1,000	70	N	50	N	300	N	6.0
PMY426C	10	N	1,000	70	N	100	N	>2,000	N	N
PMY427C	50	N	1,000	150	N	500	N	>2,000	N	N
PMY428C	20	N	1,000	200	N	200	N	>2,000	N	--
PMY429C	20	N	1,000	100	N	200	N	>2,000	N	N
PMY430C	10	N	1,000	100	N	70	700	>2,000	N	--
PMY431C	50	N	700	200	N	500	N	>2,000	<200	N
PMY432C	20	N	1,000	100	N	300	N	>2,000	N	N
PMY433C	20	N	1,000	50	N	100	N	>2,000	N	N
PMY434C	15	N	1,000	100	N	50	N	>2,000	N	N
PMY435C	30	N	500	100	N	300	N	>2,000	N	N
PMY436C	50	N	700	200	N	500	N	>2,000	N	N
PMY437C	30	N	700	100	N	300	N	>2,000	N	--
PMY438C	70	N	1,000	200	N	700	N	>2,000	N	N
PMY439C	70	N	700	150	N	500	500	>2,000	N	--
PMY440C	10	N	500	150	N	50	N	>2,000	N	N
PMY441C	<10	N	1,000	70	N	70	N	>2,000	N	N
PMY442C	100	N	<200	100	N	700	N	>2,000	N	N
PMY443C	N	N	N	<20	N	70	1,000	>2,000	N	89.0
PMY444C	50	N	<200	100	N	1,000	N	>2,000	N	N
PMY445C	<10	N	N	100	N	150	<500	>2,000	N	9.1
PMY446C	20	N	500	150	N	150	N	>2,000	N	1.5
PMY447C	<10	N	200	50	N	<20	N	500	N	N
PMY448C	50	N	200	200	N	20	N	1,000	N	N
PMY449C	50	N	500	200	N	700	2,000	>2,000	N	N
PMY450C	20	N	1,000	70	N	100	N	>2,000	N	N
PMY451C	20	N	1,000	100	N	300	N	>2,000	N	N
PMY452C	15	N	1,500	200	N	200	N	>2,000	N	N
PMY453C	<10	N	300	100	N	200	N	>2,000	N	N
PMY454C	<10	N	<200	150	N	20	N	2,000	N	--
PMY455C	20	N	1,500	100	N	200	20,000	>2,000	N	N

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Lat	Long	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S
PMY456C	55 49 38	159 36 28	--	--	--	--	--	--	--	--	--	--
PMY457CI	55 9 18	159 59 23	.1	.10	1.50	1.00	150	N	N	N	20	100
PMY458CI	55 10 13	159 58 22	.1	.05	1.00	1.00	50	5	N	500	20	<50
PMY459C	55 9 36	159 57 45	2.0	.70	7.00	>2.00	700	N	>20,000	N	50	200
PMY460C	55 14 16	159 55 35	1.0	.50	3.00	>2.00	700	N	N	N	50	100
PMY461C	55 14 58	159 50 46	--	--	--	--	--	--	--	--	--	--
PMY462C	55 10 32	159 51 12	--	--	--	--	--	--	--	--	--	--
PMY463C	54 58 36	160 9 12	5.0	1.00	7.00	>2.00	1,500	N	N	N	<20	<50
PMY464CI	54 56 58	160 8 38	.2	.20	2.00	1.50	200	N	N	N	20	<50
PMY465C	54 53 20	160 12 28	1.0	.10	7.00	2.00	1,500	N	N	N	20	100
PMY466C	54 59 22	160 7 3	1.5	1.00	10.00	>2.00	1,000	7	N	200	50	200
PMY467C	55 0 16	160 3 44	1.5	.50	7.00	>2.00	700	N	N	N	50	70
PMY468C	55 2 8	160 1 55	--	--	--	--	--	--	--	--	--	--
PMY469C	55 4 15	159 57 57	--	--	--	--	--	--	--	--	--	--
PMY470C	55 5 3	159 59 59	1.5	.50	3.00	>2.00	700	N	N	N	70	150
PMY471CI	55 9 39	159 49 40	.5	.50	5.00	1.50	500	N	N	N	20	<50
PMY472CI	55 9 46	159 49 45	.7	.50	3.00	1.50	500	N	N	N	50	<50
PMY476C	55 8 9	159 59 42	--	--	--	--	--	--	--	--	--	--
PMY477CI	55 1 38	159 49 24	1.0	.70	5.00	2.00	500	N	N	N	50	500
PMY478CI	55 4 43	159 47 18	1.5	1.00	5.00	2.00	700	N	N	N	70	300
PMY479CI	55 6 3	159 43 25	.5	.50	2.00	>2.00	500	N	N	N	50	10,000
PMY480C	55 6 59	159 42 54	--	--	--	--	--	--	--	--	--	--
PMY481C	55 4 43	159 38 26	--	--	--	--	--	--	--	--	--	--
PMY482C	55 6 18	159 37 8	1.0	.30	5.00	>2.00	1,000	N	N	N	100	1,000
PMY483C	55 7 32	159 37 51	--	--	--	--	--	--	--	--	--	--
PMY484C	55 7 10	159 34 9	1.0	.20	5.00	>2.00	1,500	N	1,000	N	50	100
PMY485C	55 9 58	159 33 33	.5	.20	2.00	>2.00	700	N	N	N	200	150
PMY486C	55 13 18	159 31 44	1.0	.50	5.00	>2.00	1,000	N	N	N	50	150
PMY487C	55 3 3	159 20 59	.5	.15	3.00	2.00	1,000	N	N	N	50	500
PMY488C	55 2 49	159 26 10	.7	.10	3.00	1.50	700	N	N	N	50	50
PMY489C	55 0 30	159 25 3	.5	.15	7.00	1.50	2,000	N	N	N	30	200
PMY490C	54 58 27	159 24 7	1.0	.30	5.00	1.00	2,000	N	N	N	50	300
PMY491C	54 53 43	159 18 34	.5	.10	5.00	>2.00	1,500	N	N	N	70	500
PMY492C	55 30 10	160 57 10	--	--	--	--	--	--	--	--	--	--
PMY493C	55 30 58	160 57 0	5.0	3.00	10.00	2.00	1,000	N	N	N	50	>10,000
PMY494C	55 31 34	160 54 45	3.0	5.00	3.00	>2.00	1,500	50	N	1,000	500	2,000
PMY495C	55 22 30	160 33 51	--	--	--	--	--	--	--	--	--	--
PMY496C	55 12 4	161 21 17	5.0	7.00	7.00	1.50	1,500	N	N	N	300	1,500
PMY497C	55 13 13	161 24 36	2.0	2.00	7.00	>2.00	700	N	N	N	50	1,000
PMY498CI	55 5 12	161 35 35	3.0	2.00	3.00	>2.00	700	N	N	N	50	500
PMY499C	55 5 45	161 40 33	2.0	1.50	7.00	.70	500	N	N	N	20	500
PMY500C	55 6 55	161 45 34	5.0	10.00	10.00	.70	2,000	N	N	N	100	300
PMY501C	55 9 2	161 45 45	5.0	3.00	7.00	2.00	1,000	N	N	N	300	5,000
PMY502C	55 9 32	161 48 46	3.0	2.00	10.00	>2.00	1,000	N	N	N	500	2,000
PMY503C	55 9 5	161 53 30	3.0	1.50	7.00	2.00	1,000	N	N	N	70	3,000
PMY504C	55 8 37	161 57 55	1.5	1.00	2.00	>2.00	700	N	N	N	200	700
PMY505C	55 14 51	161 32 3	3.0	3.00	7.00	>2.00	2,000	N	N	N	50	1,000
PMY506C	55 14 31	161 37 43	2.0	1.00	5.00	.50	300	N	N	N	50	700
PMY507C	55 13 31	161 41 5	2.0	1.00	10.00	.50	500	N	N	N	50	500
PMY508C	55 10 42	161 49 39	5.0	.50	.50	>2.00	200	5	N	N	1,000	500
PMY509C	55 2 52	161 56 18	3.0	2.00	7.00	>2.00	1,500	N	N	N	50	>10,000
PMY510CI	55 14 42	161 55 40	5.0	2.00	5.00	.50	1,500	N	N	N	50	1,500
PMY511C	55 17 0	161 53 38	2.0	.50	7.00	.10	300	N	N	N	30	500
PMY512C	55 20 57	161 50 30	10.0	1.50	10.00	.20	1,000	N	N	N	50	5,000
PMY513C	55 29 35	161 42 37	3.0	1.00	10.00	.20	500	N	N	N	50	200
PMY514C	55 35 46	161 17 34	1.0	.30	10.00	.30	500	N	N	N	50	300
PMY515C	55 36 34	161 16 34	1.0	.30	10.00	.50	500	N	N	N	50	300
PMY516C	55 35 5	161 14 50	2.0	.50	3.00	>2.00	700	N	N	N	500	>10,000
PMY517C	55 35 5	161 14 40	1.0	.50	2.00	>2.00	500	5	N	N	200	1,000
PMY518C	55 46 54	161 56 41	2.0	2.00	10.00	>2.00	1,000	N	N	N	50	700

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMY456C	--	--	--	--	--	--	--	--	--	--	--	--
PMY457CI	<2	N	N	N	<20	<10	<50	N	N	N	N	N
PMY458CI	<2	N	N	N	<20	<10	<50	N	N	N	N	N
PMY459C	<2	N	N	20	50	<10	N	<10	N	20	<20	N
PMY460C	<2	N	N	<10	100	<10	100	N	<50	N	<20	N
PMY461C	--	--	--	--	--	--	--	--	--	--	--	--
PMY462C	--	--	--	--	--	--	--	--	--	--	--	--
PMY463C	<2	N	N	50	100	<10	300	N	N	N	<20	N
PMY464CI	<2	N	N	N	<20	<10	50	N	N	N	N	N
PMY465C	N	N	N	<10	20	<10	200	N	N	N	<20	N
PMY466C	<2	N	N	10	100	<10	100	N	<50	N	<20	N
PMY467C	<2	N	N	10	100	<10	50	N	150	N	<20	N
PMY468C	--	--	--	--	--	--	--	--	--	--	--	--
PMY469C	--	--	--	--	--	--	--	--	--	--	--	--
PMY470C	<2	N	N	<10	100	<10	<50	10	<50	N	<20	N
PMY471CI	<2	N	N	N	<20	<10	50	N	N	N	N	N
PMY472CI	<2	N	N	N	<20	<10	50	N	N	N	N	N
PMY476C	--	--	--	--	--	--	--	--	--	--	--	--
PMY477CI	<2	N	N	N	50	<10	50	N	N	N	N	N
PMY478CI	<2	N	N	N	70	10	100	N	<50	N	N	N
PMY479CI	<2	N	N	N	20	<10	50	N	<50	N	N	N
PMY480C	--	--	--	--	--	--	--	--	--	--	--	--
PMY481C	--	--	--	--	--	--	--	--	--	--	--	--
PMY482C	N	N	N	<10	100	<10	<50	10	50	N	<20	N
PMY483C	--	--	--	--	--	--	--	--	--	--	--	--
PMY484C	N	30	N	<10	100	<10	100	N	N	10	<20	N
PMY485C	N	N	N	N	100	15	<50	N	N	<10	<20	N
PMY486C	N	N	N	N	150	<10	200	N	50	N	<20	N
PMY487C	N	N	N	N	20	10	50	<10	N	<10	<20	N
PMY488C	<2	N	N	N	<20	10	50	N	N	10	<20	N
PMY489C	<2	N	N	N	<20	10	300	N	N	10	<20	N
PMY490C	<2	N	N	<10	<20	<10	100	N	N	<10	<20	N
PMY491C	<2	N	N	<10	<20	<10	100	<10	N	<10	2,000	N
PMY492C	--	--	--	--	--	--	--	--	--	--	--	--
PMY493C	N	N	N	50	1,000	20	<50	N	N	100	50	N
PMY494C	<2	N	N	50	700	20	200	N	N	50	50	N
PMY495C	--	--	--	--	--	--	--	--	--	--	--	--
PMY496C	<2	N	N	50	1,000	15	<50	N	N	100	<20	N
PMY497C	<2	N	N	10	200	10	<50	N	N	N	<20	N
PMY498CI	<2	N	N	20	200	150	N	N	N	N	<20	N
PMY499C	<2	N	N	10	200	<10	N	N	N	N	N	N
PMY500C	<2	N	N	70	1,500	10	N	N	N	100	20	N
PMY501C	<2	N	N	30	700	10	N	N	N	10	N	N
PMY502C	<2	N	N	20	150	10	50	N	N	N	<20	N
PMY503C	<2	30	N	20	100	15	N	N	N	N	20,000	N
PMY504C	N	N	N	10	150	15	N	N	N	N	150	N
PMY505C	<2	N	N	30	500	10	50	<10	70	20	100	N
PMY506C	<2	N	N	<10	300	<10	N	N	N	N	<20	N
PMY507C	<2	N	N	<10	<20	<10	N	N	N	N	<20	N
PMY508C	N	N	N	100	150	200	N	20	50	N	700	N
PMY509C	<2	N	N	20	100	20	<50	N	50	N	20	N
PMY510CI	<2	N	N	10	<20	<10	N	N	N	N	N	N
PMY511C	<2	N	N	<10	<20	10	N	N	N	N	<20	N
PMY512C	<2	N	N	20	20	50	N	N	N	N	N	N
PMY513C	<2	N	N	10	<20	20	N	N	N	<10	N	N
PMY514C	<2	N	N	N	<20	10	N	N	N	N	N	N
PMY515C	<2	N	N	N	<20	10	N	N	N	N	N	N
PMY516C	<2	N	N	10	100	20	200	N	N	N	1,000	N
PMY517C	<2	N	N	<10	50	10	N	N	N	N	2,000	N
PMY518C	<2	N	N	20	100	10	150	N	50	N	70	N

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ppm aa
PMY456C	--	--	--	--	--	--	--	--	--	--
PMY457CI	N	50	<200	<20	N	50	N	>2,000	N	--
PMY458CI	N	N	N	<20	N	100	N	>2,000	N	--
PMY459C	70	300	200	200	7,000	700	N	>2,000	N	--
PMY460C	50	N	200	300	N	500	N	>2,000	N	--
PMY461C	--	--	--	--	--	--	--	--	--	--
PMY462C	--	--	--	--	--	--	--	--	--	--
PMY463C	50	200	500	200	N	500	N	>2,000	N	--
PMY464CI	N	N	N	50	N	700	N	>2,000	N	--
PMY465C	200	<20	<200	70	N	2,000	N	>2,000	N	--
PMY466C	50	<20	200	100	N	500	N	>2,000	N	--
PMY467C	100	20	<200	100	150	500	N	>2,000	N	--
PMY468C	--	--	--	--	--	--	--	--	--	--
PMY469C	--	--	--	--	--	--	--	--	--	.3
PMY470C	100	30	<200	150	100	1,000	N	>2,000	N	--
PMY471CI	N	N	200	70	N	200	N	>2,000	N	--
PMY472CI	N	N	<200	70	N	200	N	>2,000	N	--
PMY476C	--	--	--	--	--	--	--	--	--	N
PMY477CI	N	N	500	100	N	200	N	>2,000	N	--
PMY478CI	N	N	1,000	150	N	500	N	>2,000	N	--
PMY479CI	N	N	700	100	N	300	N	>2,000	N	--
PMY480C	--	--	--	--	--	--	--	--	--	--
PMY481C	--	--	--	--	--	--	--	--	--	--
PMY482C	>200	100	N	100	N	1,000	N	>2,000	N	--
PMY483C	--	--	--	--	--	--	--	--	--	--
PMY484C	>200	200	N	100	200	2,000	N	>2,000	N	--
PMY485C	>200	70	N	70	N	2,000	N	>2,000	N	--
PMY486C	200	50	<200	150	N	500	N	>2,000	N	--
PMY487C	200	N	N	70	200	2,000	N	>2,000	N	--
PMY488C	>200	N	N	50	N	3,000	N	>2,000	N	--
PMY489C	200	N	N	50	N	3,000	N	>2,000	N	--
PMY490C	100	N	N	20	N	1,500	N	>2,000	N	--
PMY491C	200	N	N	50	N	1,500	N	>2,000	N	--
PMY492C	--	--	--	--	--	--	--	--	--	1.0
PMY493C	70	N	1,000	200	N	100	N	>2,000	N	N
PMY494C	70	N	200	300	N	500	N	>2,000	N	7.0
PMY495C	--	--	--	--	--	--	--	--	--	N
PMY496C	70	N	1,000	200	N	150	N	>2,000	N	--
PMY497C	30	N	1,000	150	N	200	N	>2,000	N	--
PMY498CI	50	N	500	500	N	50	N	>2,000	N	N
PMY499C	10	N	1,000	100	N	50	N	>2,000	N	--
PMY500C	70	N	700	500	N	70	N	>2,000	N	--
PMY501C	50	N	1,000	200	N	70	N	>2,000	N	--
PMY502C	30	N	1,000	300	N	300	N	>2,000	N	--
PMY503C	20	N	1,000	150	N	100	N	>2,000	N	--
PMY504C	100	20	N	700	N	2,000	N	>2,000	N	--
PMY505C	50	N	700	200	N	200	N	>2,000	N	--
PMY506C	15	N	700	50	N	50	N	>2,000	N	--
PMY507C	<10	N	1,000	50	N	50	N	500	N	--
PMY508C	50	150	200	1,000	N	150	10,000	500	N	N
PMY509C	70	N	2,000	500	N	500	N	>2,000	N	N
PMY510CI	10	N	700	100	N	70	N	>2,000	N	--
PMY511C	<10	N	1,000	20	N	50	N	1,000	N	N
PMY512C	<10	N	1,000	100	N	<20	N	300	N	--
PMY513C	<10	N	1,000	50	N	<20	N	>2,000	N	--
PMY514C	<10	N	2,000	20	N	30	N	>2,000	N	22.0
PMY515C	<10	N	2,000	20	N	50	N	>2,000	N	N
PMY516C	100	N	1,000	200	N	500	500	>2,000	N	N
PMY517C	30	N	500	150	N	200	N	>2,000	N	.5
PMY518C	30	N	1,500	200	N	300	N	>2,000	N	--

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Lat	Long	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s
PMY519C	55 43 52	161 54 7	5.0	3.00	10.00	>2.00	1,000	N	N	N	70	500
PMY520C	55 41 7	161 51 42	1.0	.30	10.00	.20	300	N	N	N	50	500
PMY521C	55 39 48	161 47 10	3.0	1.50	10.00	1.00	700	N	N	N	200	500
PMY522C	55 42 43	161 41 14	10.0	5.00	10.00	2.00	2,000	N	N	N	100	200
PMY523C	55 35 4	161 41 40	5.0	2.00	10.00	1.00	1,500	N	N	N	50	700
PMY524C	55 40 13	161 22 35	3.0	2.00	10.00	>2.00	2,000	N	N	N	100	150
PMY525C	55 42 47	161 29 4	10.0	5.00	10.00	2.00	2,000	N	N	N	50	300
PMY526C	55 26 34	161 4 23	3.0	2.00	5.00	>2.00	1,000	N	N	N	500	>10,000
PMY527C	55 24 56	161 8 13	5.0	5.00	10.00	>2.00	1,500	N	N	N	500	7,000
PMY528C	55 44 54	161 28 57	--	--	--	--	--	--	--	--	--	--
PMY529C	55 43 47	161 36 33	3.0	1.00	10.00	1.00	700	N	N	N	70	700
PMY530C	55 48 48	161 35 10	2.0	.20	5.00	.30	300	N	N	N	50	1,000
PMY531C	55 55 8	161 21 17	--	--	--	--	--	--	--	--	--	--
PMY532C	55 51 20	161 18 27	--	--	--	--	--	--	--	--	--	--
PMY533C	55 48 28	161 11 53	1.5	.50	2.00	>2.00	500	N	N	N	70	700
PMY534C	55 49 58	161 5 51	2.0	1.50	2.00	.70	1,000	N	N	N	50	150
PMY535C	55 48 9	160 45 7	1.0	.30	2.00	>2.00	500	N	N	N	100	150
PMY536C	55 46 56	160 45 4	2.0	.50	3.00	>2.00	700	N	N	N	500	1,500
PMY537C	55 32 17	160 56 30	3.0	2.00	5.00	>2.00	2,000	N	N	N	500	700
PMY538C	55 36 8	160 56 17	2.0	1.00	2.00	1.50	500	N	N	N	70	>10,000
PMY539C	55 36 0	160 54 54	15.0	2.00	.50	.20	700	N	N	N	20	>10,000
PMY540C	55 36 33	160 53 0	15.0	5.00	10.00	2.00	2,000	N	N	N	50	>10,000
PMY541C	55 37 30	160 51 24	2.0	1.00	2.00	2.00	500	N	N	N	300	>10,000
PMY542C	55 37 53	160 56 4	3.0	.70	1.00	1.50	500	N	N	N	50	>10,000
PMY543C	55 38 1	160 56 3	7.0	1.00	2.00	>2.00	1,000	N	500	N	50	>10,000
PMY544C	55 40 45	160 52 12	5.0	1.50	7.00	>2.00	1,500	20	1,000	N	5,000	>10,000
PMY545C	55 38 50	160 45 43	20.0	1.00	3.00	>2.00	500	3	1,000	N	500	>10,000
PMY546C	55 38 58	160 46 10	7.0	.50	1.50	1.00	200	30	500	N	50	>10,000
PMY547C	55 33 17	160 41 18	5.0	.30	2.00	.50	300	N	N	N	20	>10,000
PMY548C	55 39 25	160 54 44	7.0	.07	1.00	1.00	150	30	500	N	20	>10,000
PMY549C	55 40 27	160 54 27	20.0	.30	.50	2.00	200	20	N	50	500	>10,000
PMY550C	55 37 53	161 3 50	2.0	.50	3.00	>2.00	1,000	N	N	N	1,000	>10,000
PMY551C	55 37 7	161 7 0	5.0	.70	5.00	>2.00	700	70	N	150	700	1,500
PMY552C	55 36 10	161 10 45	1.5	.50	2.00	.70	300	N	N	N	100	1,500
PMY553C	55 47 55	159 53 50	3.0	.30	3.00	>2.00	1,000	N	N	N	3,000	2,000
PMY554C	55 48 8	159 55 24	--	--	--	--	--	--	--	--	--	--
PMY555CI	55 48 40	159 55 4	5.0	.50	2.00	.50	500	N	N	N	20	100
PMY556C	55 50 5	159 56 15	20.0	.20	3.00	1.00	500	5	500	N	50	>10,000
PMY557C	55 51 8	159 54 39	5.0	.20	1.00	>2.00	200	N	N	N	50	>10,000
PMY558CI	55 16 7	160 34 6	2.0	1.00	3.00	1.00	500	N	N	N	30	>10,000
PMY559C	55 17 18	160 35 40	20.0	.50	2.00	2.00	700	N	700	N	50	>10,000
PMY560CI	55 34 52	160 53 52	7.0	.70	3.00	.50	300	1	<500	N	50	>10,000
PMY561C	55 37 5	161 0 32	30.0	.30	1.00	1.00	200	N	10,000	N	200	>10,000
PMY562C	55 36 13	161 0 37	--	--	--	--	--	--	--	--	--	--
PMY563C	55 36 20	161 4 2	3.0	.50	2.00	>2.00	500	2	N	N	1,000	10,000
PMY564C	55 36 26	161 3 55	2.0	.70	5.00	2.00	700	N	N	N	1,000	>10,000
PMY565C	55 45 43	160 29 35	--	--	--	--	--	--	--	--	--	--
PMY566C	55 46 45	160 28 43	5.0	2.00	5.00	1.00	1,000	N	N	N	20	>10,000
PMY567C	55 48 4	160 32 5	1.0	.20	2.00	>2.00	500	N	N	N	50	1,500
PMY568C	55 33 11	160 38 38	10.0	1.50	3.00	2.00	1,000	N	N	N	20	>10,000
PMY569C	55 46 55	160 35 25	--	--	--	--	--	--	--	--	--	--
PMY570C	55 40 59	160 29 5	1.5	1.00	1.00	.70	500	N	N	N	<20	>10,000
PMY571C	55 37 40	160 24 20	7.0	1.50	7.00	1.50	2,000	N	N	N	<20	>10,000
PMY572C	55 36 8	160 23 45	2.0	.20	.50	>2.00	200	N	N	N	50	>10,000
PMY573C	55 34 52	160 29 24	30.0	.15	.10	1.50	100	N	N	N	50	>10,000
PMY574C	54 49 2	159 48 23	.5	.15	.70	>2.00	150	N	N	N	50	700
PMY575C	54 49 47	159 43 4	1.0	.30	2.00	>2.00	700	N	N	N	50	1,000
PMY576C	54 47 26	159 34 13	1.0	.20	1.00	>2.00	700	N	N	N	50	200

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Be-ppm S	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S
PMY519C	N	N	N	50	300	10	N	N	50	10	N	N
PMY520C	<2	N	N	<10	<20	<10	N	N	N	N	N	N
PMY521C	N	N	N	20	200	15	N	N	N	<10	N	N
PMY522C	<2	N	N	70	200	10	N	N	N	50	N	N
PMY523C	<2	N	N	20	150	10	N	N	N	<10	N	N
PMY524C	<2	N	N	20	100	<10	300	N	70	N	<20	N
PMY525C	<2	N	N	70	1,000	15	100	N	<50	70	N	N
PMY526C	<2	N	N	50	500	20	N	N	<50	50	<20	N
PMY527C	<2	N	N	70	1,000	100	N	N	<50	100	20	N
PMY528C	--	--	--	--	--	--	--	--	--	--	--	--
PMY529C	<2	N	N	<10	50	15	N	N	N	N	N	N
PMY530C	<2	N	N	<10	<20	<10	N	N	N	N	N	N
PMY531C	--	--	--	--	--	--	--	--	--	--	--	--
PMY532C	--	--	--	--	--	--	--	--	--	--	--	--
PMY533C	<2	N	N	10	100	10	50	N	N	N	<20	N
PMY534C	<2	N	N	15	100	10	<50	N	N	<10	N	N
PMY535C	<2	N	N	<10	30	<10	200	N	N	N	N	N
PMY536C	<2	N	N	<10	50	15	200	N	N	N	N	N
PMY537C	<2	N	N	20	100	15	200	N	50	N	20	N
PMY538C	<2	N	N	20	30	15	N	N	N	20	<20	N
PMY539C	N	N	N	70	20	100	N	N	N	100	70	N
PMY540C	<2	N	N	200	100	50	150	N	N	200	100	N
PMY541C	<2	N	N	20	20	20	50	N	N	<10	50	N
PMY542C	N	N	N	15	20	15	N	N	N	10	<20	N
PMY543C	N	50	N	100	300	100	70	N	<50	100	100	N
PMY544C	<2	N	N	30	150	20	200	N	N	50	5,000	N
PMY545C	<2	N	N	500	150	200	300	<10	<50	500	2,000	N
PMY546C	<2	300	N	150	20	200	<50	N	N	200	1,000	N
PMY547C	<2	N	N	10	<20	15	<50	50	N	20	<20	N
PMY548C	<2	N	N	50	50	30	<50	10	N	50	2,000	N
PMY549C	<2	N	200	100	30	150	N	100	<50	50	300	N
PMY550C	<2	N	N	20	70	20	100	N	70	<10	20	N
PMY551C	N	>2,000	N	50	20	30	<50	N	70	N	100	N
PMY552C	<2	20	N	10	20	10	<50	<10	N	30	<20	N
PMY553C	<2	N	N	70	500	10	300	30	N	50	500	N
PMY554C	--	--	--	--	--	--	--	--	--	--	--	--
PMY555CI	<2	N	N	<10	<20	10	<50	20	N	N	<20	N
PMY556C	<2	N	N	200	20	200	300	N	N	70	20,000	N
PMY557C	<2	N	N	70	70	30	200	10	N	100	500	N
PMY558CI	N	N	N	30	300	20	<50	20	N	50	N	N
PMY559C	N	N	N	50	50	100	N	30	N	100	100	N
PMY560CI	<2	N	N	100	<20	70	N	<10	N	150	3,000	N
PMY561C	N	N	N	200	<20	100	N	N	N	20	70	N
PMY562C	--	--	--	--	--	--	--	--	--	--	--	--
PMY563C	<2	N	N	50	20	15	50	20	<50	50	50	N
PMY564C	<2	N	N	10	20	15	200	N	<50	10	20	N
PMY565C	--	--	--	--	--	--	--	--	--	--	--	--
PMY566C	<2	N	N	50	150	50	N	N	N	10	N	N
PMY567C	<2	N	N	<10	20	<10	100	<10	N	N	<20	N
PMY568C	<2	N	N	50	100	50	N	N	N	<10	20	N
PMY569C	--	--	--	--	--	--	--	--	--	--	--	--
PMY570C	<2	N	N	<10	30	<10	N	<10	N	N	N	N
PMY571C	<2	N	N	30	100	30	500	30	N	10	N	N
PMY572C	<2	N	N	15	20	15	N	N	50	N	70	N
PMY573C	<2	N	N	100	100	50	N	N	N	50	150	N
PMY574C	<2	N	N	N	70	<10	N	<10	N	N	N	N
PMY575C	<2	N	N	N	50	10	50	<10	N	N	N	N
PMY576C	<2	N	N	N	<20	10	<50	<10	N	50	<20	N

Table 4. Analyses of heavy-mineral-concentrate samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Au-ugpp aa
PMY519C	30	N	1,000	200	N	150	N	>2,000	N	--
PMY520C	<10	N	1,000	20	N	<20	N	200	N	--
PMY521C	20	N	1,000	100	N	100	N	>2,000	N	--
PMY522C	50	N	1,000	200	N	100	N	>2,000	N	--
PMY523C	30	N	1,000	100	N	100	N	>2,000	N	--
PMY524C	50	N	500	200	N	500	N	>2,000	N	--
PMY525C	70	200	500	300	N	150	N	>2,000	N	--
PMY526C	50	N	500	200	N	100	N	>2,000	N	N
PMY527C	70	N	<200	500	N	150	1,500	>2,000	N	N
PMY528C	--	--	--	--	--	--	--	--	--	--
PMY529C	15	N	1,000	70	N	50	N	>2,000	N	--
PMY530C	N	N	1,000	20	N	<20	N	1,000	N	--
PMY531C	--	--	--	--	--	--	--	--	--	--
PMY532C	--	--	--	--	--	--	--	--	--	--
PMY533C	30	100	500	200	N	500	N	>2,000	N	--
PMY534C	15	N	N	150	N	100	N	>2,000	N	--
PMY535C	70	N	N	200	N	1,000	N	>2,000	N	--
PMY536C	70	N	N	300	N	1,000	N	>2,000	N	--
PMY537C	50	<20	200	500	N	500	N	>2,000	N	4.1
PMY538C	10	N	700	100	N	100	N	>2,000	N	N
PMY539C	<10	N	>10,000	50	N	20	10,000	>2,000	N	4.3
PMY540C	50	N	1,000	300	N	700	N	>2,000	N	2.0
PMY541C	20	N	10,000	100	N	200	N	>2,000	N	.7
PMY542C	10	N	7,000	70	N	70	500	>2,000	N	N
PMY543C	50	N	2,000	500	N	500	N	>2,000	N	2.3
PMY544C	30	N	1,000	200	N	500	N	>2,000	N	25.0
PMY545C	50	N	2,000	300	N	1,000	5,000	>2,000	N	.4
PMY546C	<10	N	5,000	20	N	100	5,000	>2,000	N	N
PMY547C	10	N	5,000	50	N	150	N	>2,000	N	N
PMY548C	10	N	10,000	20	N	200	1,500	>2,000	N	15.0
PMY549C	20	N	700	200	N	70	10,000	>2,000	N	2.7
PMY550C	50	N	1,000	300	N	300	N	>2,000	N	10.0
PMY551C	50	<20	500	300	N	50	N	>2,000	N	N
PMY552C	10	N	700	70	N	70	N	>2,000	N	N
PMY553C	70	N	N	150	N	1,000	N	>2,000	N	N
PMY554C	--	--	--	--	--	--	--	--	--	--
PMY555CI	<10	N	N	20	N	70	N	>2,000	N	--
PMY556C	20	N	1,000	1,500	N	500	N	>2,000	N	N
PMY557C	50	N	5,000	200	N	700	5,000	>2,000	N	N
PMY558CI	20	N	700	100	N	70	N	>2,000	N	N
PMY559C	<10	N	3,000	100	N	100	N	>2,000	N	4.1
PMY560CI	<10	70	2,000	70	N	200	3,000	>2,000	N	N
PMY561C	N	N	1,000	50	N	70	1,000	>2,000	N	N
PMY562C	--	--	--	--	--	--	--	--	--	11.0
PMY563C	30	N	700	200	N	200	N	>2,000	N	23.0
PMY564C	30	N	2,000	100	N	300	N	>2,000	N	N
PMY565C	--	--	--	--	--	--	--	--	--	.5
PMY566C	20	N	3,000	200	N	50	N	>2,000	N	N
PMY567C	100	N	N	200	N	1,000	N	>2,000	N	--
PMY568C	20	N	2,000	500	N	70	N	>2,000	N	.5
PMY569C	--	--	--	--	--	--	--	--	--	110.0
PMY570C	10	N	3,000	100	N	50	N	>2,000	N	N
PMY571C	50	N	2,000	300	N	150	N	>2,000	N	N
PMY572C	20	N	5,000	500	N	70	3,000	>2,000	N	N
PMY573C	20	N	2,000	700	N	20	<500	2,000	N	N
PMY574C	100	N	N	150	N	1,000	N	>2,000	N	--
PMY575C	70	N	<200	100	N	1,000	N	>2,000	N	--
PMY576C	>200	N	N	100	N	3,000	N	>2,000	N	--

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska
[N, not detected; <, detected but below the limit of determination shown; >, determined to be greater than the value shown.]

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S	Be-ppm S
PM626R10	55 13 30	160 34 52	7.00	2.00	.20	.500	2,000	2.0	N	N	20	700	N
PM626R11	55 13 30	160 34 52	10.00	2.00	1.00	.500	2,000	N	N	N	20	700	N
PM630R10	55 10 13	160 46 30	15.00	.20	1.00	.070	200	<.5	N	N	20	150	N
PM630R11	55 10 13	160 46 30	10.00	5.00	2.00	1.000	1,000	N	N	N	20	700	N
PM850R10	55 40 47	160 54 33	10.00	2.00	1.00	.500	2,000	N	N	N	500	700	<1.0
PM850R11	55 40 47	160 54 33	5.00	2.00	.20	1.000	500	N	N	N	>2,000	500	<1.0
PM850R12	55 40 47	160 54 33	5.00	1.50	.07	.500	100	N	N	N	>2,000	500	<1.0
PM850R13	55 40 47	160 54 33	7.00	2.00	3.00	.300	700	N	N	N	100	500	<1.0
PMF001R1	55 17 43	160 29 0	5.00	.20	.10	.500	70	7.0	1,000	N	20	2,000	N
PMF002R1	55 17 58	160 26 12	5.00	<.02	.10	.500	10	<.5	N	N	<10	700	N
PMF002R2	55 17 58	160 26 12	7.00	.02	<.05	1.000	<10	.5	N	N	50	700	N
PMF007R1	55 37 57	161 16 7	7.00	1.00	2.00	.500	500	<.5	1,000	N	50	700	<1.0
PMF008R1	55 37 18	161 15 35	7.00	2.00	2.00	.500	1,000	N	N	N	20	500	<1.0
PMF010R1	55 35 11	161 16 52	1.00	.70	<.05	.200	70	<.5	N	N	70	1,500	1.0
PMF012R1	55 36 27	161 12 4	7.00	1.00	2.00	.500	1,000	N	N	N	30	500	<1.0
PMF013R1	55 34 12	161 10 19	5.00	1.50	1.00	.500	700	N	N	N	50	500	<1.0
PMF015R1	55 35 43	161 9 5	5.00	2.00	1.50	.500	1,000	N	N	N	50	500	<1.0
PMF017R1	55 34 35	161 5 50	3.00	1.00	1.00	.500	700	N	N	N	50	300	<1.0
PMF017R2	55 34 35	161 5 50	5.00	1.50	1.00	.500	500	N	N	N	200	300	<1.0
PMF031R1	55 34 15	160 48 29	5.00	2.00	15.00	.050	3,000	N	N	N	20	200	N
PMF032R1	55 34 28	160 48 49	1.50	.15	.70	.070	1,000	N	N	N	50	200	N
PMF036R1	55 34 48	160 42 45	5.00	2.00	1.00	.700	1,000	N	N	N	20	500	1.0
PMF037R1	55 37 55	160 42 27	10.00	1.00	.05	.300	500	.5	N	N	50	700	N
PMF038R1	55 39 42	160 39 57	5.00	2.00	5.00	.100	1,500	N	N	N	10	500	<1.0
PMF044R1	55 36 19	160 28 0	10.00	.70	.20	.700	500	N	N	N	<10	200	N
PMF045R1	55 34 40	160 26 21	10.00	3.00	.10	1.000	1,000	N	N	N	100	700	<1.0
PMF055R1	55 46 25	160 3 3	7.00	1.00	.70	.500	500	1.0	1,000	N	20	500	<1.0
PMF058R1	55 47 30	160 12 30	5.00	1.00	.70	.700	1,000	N	N	N	10	1,000	1.0
PMF059R1	55 47 20	160 9 28	7.00	.50	.50	.700	300	N	N	N	10	1,000	<1.0
PMF066R1	55 41 59	160 19 27	5.00	1.00	2.00	.500	1,000	N	N	N	50	150	<1.0
PMF071R1	55 51 42	160 29 39	5.00	1.50	.70	.500	1,000	N	N	N	20	1,000	<1.0
PMF073R1	55 47 0	160 15 21	5.00	.05	.20	.500	20	N	N	N	50	200	N
PMF073R2	55 47 0	160 15 21	3.00	.50	.50	.700	500	N	N	N	150	1,000	1.0
PMF084R1	55 14 35	160 35 25	5.00	3.00	3.00	.300	1,500	N	N	N	10	700	N
PMF084R2	55 14 35	160 35 25	3.00	1.50	.05	.500	1,000	<.5	N	N	100	300	N
PMF085R1	55 13 54	160 34 24	7.00	.20	<.05	.500	200	2.0	<200	N	20	1,000	N
PMF087R1	55 12 17	160 29 45	5.00	1.00	.70	.500	500	N	N	N	50	500	<1.0
PMF090R1	55 11 43	160 33 9	.05	.05	.10	.700	15	N	N	N	70	70	N
PMF091R1	55 11 30	160 32 8	5.00	.02	<.05	.500	20	1.0	N	N	50	50	N
PMF092R1	55 16 45	160 39 8	7.00	1.00	.70	.300	700	N	N	N	70	300	N
PMF093R1	55 14 57	160 42 21	2.00	1.00	2.00	.300	500	N	N	N	10	1,000	<1.0
PMF095R1	55 11 39	160 45 26	5.00	1.50	3.00	.500	1,000	N	N	N	20	500	<1.0
PMF101R1	55 12 15	160 39 2	7.00	<.02	<.05	.500	20	<.5	N	N	20	200	N
PMF103R1	55 9 57	160 37 39	10.00	1.50	.70	.700	1,000	N	N	N	70	1,000	N
PMF116R1	55 19 36	160 6 5	5.00	2.00	.70	.500	1,000	N	N	N	50	1,000	<1.0
PMF128R1	55 31 46	160 28 20	7.00	1.00	1.00	.500	500	N	N	N	10	700	<1.0
PMF129R1	55 31 12	160 31 0	5.00	.70	.20	.500	700	N	N	N	20	300	N
PMF138R1	55 28 10	160 49 20	2.00	.70	1.00	.500	200	N	N	N	10	500	1.0
PMF141R1	55 54 58	159 45 0	2.00	.05	.10	.700	200	N	N	N	10	500	<1.0
PMF145R1	55 52 32	159 53 53	3.00	.10	<.05	.500	100	1.0	N	N	20	50	N
PMF147R1	55 47 48	159 59 41	5.00	1.50	1.00	.500	500	N	N	N	<10	100	<1.0
PMF148R1	55 51 3	160 1 52	5.00	.50	.50	.500	700	N	N	N	<10	1,000	1.5
PMF149R1	55 45 59	160 3 46	2.00	.05	<.05	.150	1,000	N	N	N	20	100	<1.0
PMF164R1	55 52 33	160 11 59	2.00	2.00	.70	.500	1,000	N	N	N	10	700	<1.0
PMF171R1	55 55 50	160 4 50	5.00	1.50	1.50	.500	1,000	N	N	N	20	700	<1.0
PMF171R2	55 55 50	160 4 50	5.00	2.00	.50	.700	1,000	N	N	N	10	700	<1.0
PMF172R1	55 54 58	160 6 18	5.00	1.50	.70	.700	1,500	N	N	N	10	1,000	<1.0
PMF176R1	55 42 45	159 33 13	7.00	3.00	2.00	.500	1,500	N	N	N	100	500	1.0
PMF176R2	55 42 45	159 33 13	15.00	3.00	3.00	.500	2,000	N	N	N	100	200	1.0
PMF179R1	55 43 11	159 33 21	5.00	1.00	1.00	.500	2,000	N	N	N	50	500	1.0

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Bi-ppm 5	Cd-ppm 5	Co-ppm 5	Cr-ppm 5	Cu-ppm 5	La-ppm 5	Mo-ppm 5	Nb-ppm 5	Ni-ppm 5	Pb-ppm 5	Sb-ppm 5	Sc-ppm 5	Sn-ppm 5	Sr-ppm 5
PM626R10	N	N	20	50	70	N	N	N	10	10	N	20	N	<100
PM626R11	N	N	30	50	50	N	N	N	20	N	N	20	N	300
PM630R10	N	N	7	<10	70	N	10	N	5	N	N	5	N	N
PM630R11	N	N	50	150	100	N	5	N	100	20	N	30	N	500
PM850R10	N	N	30	150	50	N	5	N	50	50	N	20	<10	300
PM850R11	N	N	N	100	5	N	N	N	15	20	N	20	10	N
PM850R12	N	N	<5	50	20	N	<5	N	20	20	N	20	<10	N
PM850R13	N	N	50	70	50	N	<5	N	30	<10	N	30	N	500
PMF001R1	N	N	20	20	100	N	50	N	10	70	N	20	N	<100
PMF002R1	N	N	20	50	70	N	N	N	20	50	N	20	N	300
PMF002R2	20	N	<5	70	70	N	N	N	5	10	N	20	N	500
PMF007R1	N	N	15	70	50	N	N	N	15	20	N	20	N	700
PMF008R1	N	N	10	20	50	N	N	N	5	20	N	20	N	700
PMF010R1	N	N	N	<10	15	N	N	<20	<5	50	N	5	N	200
PMF012R1	N	N	20	30	5	N	N	N	10	10	N	15	N	500
PMF013R1	N	N	10	20	70	N	5	N	10	15	N	15	N	500
PMF015R1	N	N	15	20	50	N	<5	N	5	20	N	20	N	500
PMF017R1	N	N	10	<10	50	N	N	N	7	<10	N	10	N	500
PMF017R2	N	N	20	10	200	N	100	N	5	20	N	15	N	300
PMF031R1	N	N	N	10	20	N	N	N	5	50	N	10	N	1,000
PMF032R1	N	N	N	<10	<5	N	N	N	5	N	N	<5	N	<100
PMF036R1	N	N	15	50	150	N	N	N	10	<10	N	30	N	1,000
PMF037R1	N	N	50	70	100	N	N	N	50	<10	N	15	N	N
PMF038R1	N	N	10	20	7	N	N	N	15	30	N	5	N	1,000
PMF044R1	N	N	100	20	70	N	<5	N	70	10	N	10	N	100
PMF045R1	N	N	5	50	10	N	<5	N	20	<10	N	20	N	N
PMF055R1	N	N	10	20	50	N	50	N	10	20	N	15	N	300
PMF058R1	N	N	10	10	20	N	10	N	5	30	N	15	N	500
PMF059R1	N	N	10	10	20	N	<5	<20	<5	30	N	20	N	500
PMF066R1	N	N	20	100	30	N	N	N	50	10	N	20	N	500
PMF071R1	N	N	15	100	7	N	N	N	20	10	N	15	N	1,000
PMF073R1	N	N	20	20	15	N	5	N	10	10	N	20	N	200
PMF073R2	<10	N	10	20	15	N	10	<20	<5	50	N	20	N	700
PMF084R1	N	N	30	100	100	N	N	N	20	10	N	30	N	N
PMF084R2	N	N	15	50	100	N	20	N	10	10	N	20	N	N
PMF085R1	N	N	20	70	50	N	<5	N	10	50	N	30	N	200
PMF087R1	N	N	10	30	50	N	N	N	5	20	N	30	N	500
PMF090R1	N	N	N	N	<5	N	20	N	5	N	N	5	N	N
PMF091R1	N	N	20	50	50	N	<5	N	15	<10	N	10	N	N
PMF092R1	N	N	10	10	200	N	10	N	5	10	N	15	N	500
PMF093R1	N	N	20	100	50	N	N	N	10	20	N	20	N	1,000
PMF095R1	N	N	20	100	100	N	10	N	20	30	N	30	N	<100
PMF101R1	100	N	N	70	50	N	5	N	<5	70	N	15	N	1,000
PMF103R1	N	N	50	50	200	N	N	N	20	20	N	50	N	200
PMF116R1	N	N	20	10	150	N	N	N	15	100	N	20	N	500
PMF128R1	N	N	10	20	100	N	N	N	5	10	N	20	N	500
PMF129R1	N	N	10	10	10	N	N	N	5	<10	N	20	N	500
PMF138R1	N	N	10	<10	5	N	5	N	5	10	N	15	N	500
PMF141R1	N	N	10	10	50	N	N	N	5	20	N	20	N	500
PMF145R1	N	N	15	50	100	N	N	N	10	N	N	15	N	N
PMF147R1	N	N	30	15	70	N	N	N	10	10	N	20	N	500
PMF148R1	N	N	5	<10	5	N	N	N	<5	20	N	20	N	500
PMF149R1	N	N	5	10	<5	N	10	N	10	<10	N	5	N	N
PMF164R1	N	N	10	50	70	N	N	N	5	30	N	20	N	700
PMF171R1	N	N	20	70	70	N	N	N	10	10	N	30	N	500
PMF171R2	N	N	20	100	20	N	<5	N	20	50	N	20	N	500
PMF172R1	N	N	20	<10	<5	N	N	N	<5	10	N	20	N	300
PMF176R1	N	N	20	50	20	N	N	N	10	10	N	20	N	<100
PMF176R2	N	N	100	200	100	N	N	N	100	<10	N	50	N	<100
PMF179R1	N	N	15	30	10	N	N	N	10	10	N	20	N	200

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Hg-ppm inst	Te-ppm aa	As-ppm aa	Zn-ppm aa	U-ppm f	Au-ppm aa
PM626R10	20	N	15	<200	100	N	.20	--	30	50	--	.004
PM626R11	200	N	20	<200	150	N	.38	--	30	60	--	.012
PM630R10	150	N	10	<200	20	N	.42	--	110	30	--	<.002
PM630R11	200	N	30	<200	200	N	.02	--	20	60	--	N
PM850R10	200	N	20	<200	150	N	.28	--	30	170	--	.002
PM850R11	300	N	20	<200	300	N	.14	--	80	<5	--	.010
PM850R12	300	N	20	N	200	N	.02	--	60	N	--	<.002
PM850R13	300	N	20	<200	100	N	.08	--	<10	90	--	N
PMF001R1	300	N	20	N	50	N	.18	.2	1,300	40	--	.220
PMF002R1	300	N	10	N	100	N	1.00	.4	20	10	--	.002
PMF002R2	50	N	<10	<200	200	N	3.40	2.6	130	<5	--	.008
PMF007R1	100	N	20	N	100	N	.02	N	1,200	15	--	N
PMF008R1	200	N	20	N	200	N	.06	N	50	15	--	.004
PMF010R1	30	N	10	N	100	N	.02	.3	20	25	--	.018
PMF012R1	100	N	30	N	50	N	.06	N	10	30	--	<.002
PMF013R1	150	N	10	N	100	N	.04	.3	10	25	--	<.002
PMF015R1	200	N	30	N	100	N	.02	.1	<10	40	--	.008
PMF017R1	100	N	20	N	100	N	N	.2	10	15	--	.024
PMF017R2	200	N	10	N	100	N	.02	.2	10	25	--	.004
PMF031R1	15	N	30	N	10	N	.04	N	10	100	--	N
PMF032R1	20	N	N	N	N	N	.02	N	10	25	--	<.002
PMF036R1	200	N	30	500	200	N	N	.5	10	570	--	<.002
PMF037R1	100	N	20	N	100	N	N	1.5	10	50	.20	.008
PMF038R1	50	N	15	N	20	N	.02	N	10	110	--	<.002
PMF044R1	200	N	15	<200	200	N	N	.4	30	50	--	.002
PMF045R1	200	N	20	<200	100	N	N	--	10	60	--	N
PMF055R1	200	N	20	N	100	N	.56	.2	1,900	30	--	.120
PMF058R1	200	N	50	N	200	N	.06	1.3	70	50	--	.002
PMF059R1	200	N	50	N	200	N	.10	4.1	10	25	--	<.002
PMF066R1	200	N	30	N	100	N	.12	N	60	80	--	<.002
PMF071R1	150	N	50	N	100	N	4.40	N	20	45	--	<.002
PMF073R1	200	N	20	N	150	N	.02	.4	10	5	--	<.002
PMF073R2	200	N	50	N	200	N	.02	.5	40	15	--	<.002
PMF084R1	200	N	50	N	50	N	.34	N	40	70	--	<.002
PMF084R2	200	N	20	N	100	N	.06	.2	40	30	--	<.002
PMF085R1	100	N	15	<200	100	N	.64	.6	110	30	--	.002
PMF087R1	200	N	20	N	100	N	.78	N	50	35	--	.002
PMF090R1	50	N	<10	N	100	N	.06	.2	10	<5	--	.010
PMF091R1	100	N	<10	<200	100	N	.20	1.2	10	<5	--	.006
PMF092R1	100	N	20	N	100	N	.02	.4	40	40	--	.006
PMF093R1	100	N	30	N	100	N	.02	N	10	35	--	<.002
PMF095R1	200	N	50	<200	100	N	.18	.7	160	30	--	<.002
PMF101R1	500	N	N	<200	100	N	2.30	1.4	240	<5	--	<.002
PMF103R1	500	N	20	<200	50	N	.06	.5	20	30	--	<.002
PMF116R1	200	N	20	N	100	N	.02	.2	10	35	--	.004
PMF128R1	200	N	30	<200	200	N	.20	N	10	25	--	N
PMF129R1	200	N	20	N	200	N	.02	.1	10	20	--	<.002
PMF138R1	150	N	30	N	200	N	N	.9	<10	15	--	N
PMF141R1	500	N	20	N	100	N	.78	1.9	10	<5	--	N
PMF145R1	300	N	N	<200	20	N	.56	N	150	10	--	.012
PMF147R1	200	N	30	N	100	N	N	.2	<10	70	--	<.002
PMF148R1	50	N	50	N	300	N	.02	.2	10	35	--	N
PMF149R1	50	N	N	N	20	N	N	.1	10	20	--	N
PMF164R1	200	N	20	N	200	N	N	.3	<10	15	--	N
PMF171R1	200	N	50	N	150	N	N	N	10	50	--	N
PMF171R2	200	N	30	N	150	N	N	N	30	120	--	N
PMF172R1	200	N	50	N	200	N	N	3.0	10	150	--	N
PMF176R1	150	N	10	N	100	N	.35	--	30	25	--	N
PMF176R2	200	N	30	200	100	N	.32	--	30	85	--	N
PMF179R1	100	N	10	N	100	N	.04	--	10	25	--	N

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S	Be-ppm S
PMF180R1	55 46 12	159 38 39	7.00	.05	.05	.500	20	N	N	N	50	200	<1.0
PMF181R1	55 47 2	159 36 31	7.00	2.00	1.00	.500	500	N	N	N	50	1,000	2.0
PMF183R1	55 58 5	158 39 52	15.00	2.00	2.00	.500	1,000	1.0	N	N	300	700	2.0
PMF184R1	55 56 17	158 58 58	7.00	10.00	10.00	.200	700	N	N	N	100	50	1.0
PMF187R1	55 51 29	158 47 43	5.00	.70	2.00	.500	500	1.0	N	N	20	700	2.0
PMF188R1	55 52 56	158 46 50	10.00	5.00	5.00	.700	1,000	N	N	N	100	500	1.0
PMF189R1	55 59 5	159 4 57	10.00	5.00	10.00	.300	2,000	N	N	N	70	100	1.0
PMF190R1	55 57 24	159 7 20	10.00	5.00	10.00	.150	2,000	N	N	N	200	200	2.0
PMF701R1	55 47 52	159 18 14	10.00	2.00	1.00	.200	500	N	N	N	50	100	1.0
PMF706R1	55 51 10	159 24 17	10.00	3.00	2.00	.500	500	1.0	N	N	15	1,000	2.0
PMF707R1	55 51 29	159 24 10	10.00	3.00	1.50	.200	1,000	N	N	N	50	2,000	2.0
PMF708R1	55 52 43	159 22 27	7.00	3.00	2.00	.500	1,000	<.5	N	N	20	2,000	2.0
PMF709R1	55 53 23	159 23 35	2.00	1.00	1.50	.500	1,000	<.5	N	N	30	1,000	2.0
PMF710R1	55 54 23	159 23 7	3.00	1.00	.50	.200	500	N	N	N	70	700	2.0
PMF711R2	55 55 37	159 21 30	10.00	5.00	15.00	.150	3,000	N	N	N	20	500	1.0
PMF721R1	55 48 14	159 34 16	5.00	.50	.10	.500	100	<.5	N	N	50	1,500	2.0
PMF755R1	55 14 14	159 31 29	7.00	1.00	2.00	.700	1,000	N	N	N	20	2,000	2.0
PMF761R1	55 22 15	160 35 30	10.00	2.00	<.05	.500	1,000	.5	N	N	50	1,000	<1.0
PMF761R2	55 22 15	160 35 30	10.00	5.00	.10	.700	1,000	N	<200	N	200	500	1.0
PMF763R1	55 5 5	161 35 44	10.00	7.00	5.00	.500	2,000	N	N	N	10	100	<1.0
PMF763R2	55 5 5	161 35 44	5.00	3.00	7.00	.100	700	.5	N	N	10	<20	2.0
PMF763R4	55 5 5	161 35 44	7.00	3.00	.20	.500	500	N	N	N	50	500	1.0
PMF765R1	55 5 56	161 47 16	10.00	.50	.10	.700	100	N	N	N	50	300	<1.0
PMF767R1	55 7 41	161 47 43	2.00	.03	<.05	.500	<10	N	N	N	20	200	N
PMF769R1	55 7 12	161 57 18	10.00	2.00	1.00	.500	1,000	N	N	N	20	700	2.0
PMF773R1	55 9 27	161 50 2	10.00	5.00	1.00	.700	1,500	N	N	N	20	300	1.0
PMF776R1	55 15 31	161 59 10	5.00	.30	.10	.300	700	N	1,000	N	20	1,000	2.0
PMF782R1	55 35 55	161 16 24	10.00	2.00	2.00	.300	2,000	.5	N	N	100	500	2.0
PMF782R2	55 35 55	161 16 24	2.00	.70	<.05	.150	1,000	3.0	N	N	100	1,000	2.0
PMF782R3	55 35 55	161 16 24	7.00	.70	.20	.500	>5,000	5.0	N	N	150	1,000	3.0
PMF782R4	55 35 55	161 16 24	10.00	3.00	5.00	.300	3,000	1.0	N	N	70	500	2.0
PMF783R1	55 35 22	161 16 10	15.00	1.00	.20	.200	1,000	N	N	N	70	1,000	2.0
PMF783R2	55 35 22	161 16 10	7.00	3.00	5.00	.300	2,000	N	N	N	20	1,500	2.0
PMF783R3	55 35 22	161 16 10	10.00	3.00	1.50	.500	2,000	.5	N	N	100	1,500	2.0
PMF783R5	55 35 22	161 16 10	5.00	1.00	<.05	.500	200	1.0	N	N	100	1,500	2.0
PMF784R1	55 35 28	161 16 14	20.00	.50	.05	.200	500	.5	N	N	100	1,000	2.0
PMF784R2	55 35 28	161 16 14	2.00	.50	.20	.150	500	N	N	N	200	1,500	3.0
PMF784R3	55 35 28	161 16 14	5.00	3.00	3.00	.500	2,000	1.0	N	N	50	2,000	2.0
PMF784R4	55 35 28	161 16 14	7.00	3.00	1.00	.700	1,000	2.0	N	N	100	2,000	2.0
PMF788R1	55 35 10	161 41 35	5.00	.70	.10	.700	500	1.5	N	N	30	700	3.0
PMF800R1	55 51 37	161 1 40	5.00	3.00	5.00	.300	1,500	N	N	N	20	1,000	2.0
PMF803R1	55 34 35	160 54 27	5.00	3.00	10.00	.100	3,000	N	N	N	50	300	1.0
PMF803R2	55 34 35	160 54 27	10.00	3.00	5.00	.700	2,000	N	N	N	20	1,500	2.0
PMF803R3	55 34 35	160 54 27	5.00	1.00	20.00	.070	>5,000	N	N	N	N	200	<1.0
PMF804R1	55 35 42	160 52 23	7.00	5.00	10.00	.200	1,000	N	N	N	20	200	1.0
PMF805R1	55 36 41	160 50 40	10.00	3.00	10.00	.050	2,000	N	N	N	20	70	<1.0
PMF806R1	55 38 48	160 54 9	7.00	3.00	1.00	.300	1,000	N	N	N	2,000	500	2.0
PMF806R2	55 38 48	160 54 9	15.00	.50	.10	.200	100	1.0	2,000	N	200	700	2.0
PMF806R3	55 38 48	160 54 9	15.00	5.00	1.50	.500	1,000	N	N	N	300	500	1.0
PMF806R4	55 38 48	160 54 9	5.00	1.00	2.00	.050	5,000	2.0	200	N	100	500	1.0
PMF807R1	55 38 46	160 53 58	5.00	3.00	5.00	.300	1,000	N	N	N	30	500	1.0
PMF808R1	55 38 28	160 44 53	10.00	2.00	.10	.300	500	2.0	N	N	20	500	<1.0
PMF808R2	55 38 28	160 44 53	5.00	2.00	.10	.200	1,000	1.0	N	N	100	700	1.5
PMF808R3	55 38 28	160 44 53	5.00	2.00	7.00	.050	1,000	N	N	N	50	100	<1.0
PMF809R1	55 38 24	160 45 0	7.00	1.50	5.00	.300	1,000	N	N	N	100	1,000	2.0
PMF810R1	55 33 37	160 41 39	7.00	2.00	5.00	.500	700	N	N	N	50	500	2.0
PMF812R1	55 39 52	160 54 54	7.00	3.00	5.00	.500	1,000	N	N	N	150	1,000	2.0
PMF812R2	55 39 52	160 54 54	7.00	.50	.15	.100	1,000	5.0	>10,000	N	100	1,000	2.0
PMF813R1	55 39 56	160 54 43	5.00	1.00	.50	.200	500	<.5	N	N	200	700	2.0
PMF813R2	55 39 56	160 54 43	3.00	1.00	.05	.500	150	1.5	<200	N	>2,000	700	2.0

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Bi-ppm 5	Cd-ppm 5	Co-ppm 5	Cr-ppm 5	Cu-ppm 5	La-ppm 5	Mo-ppm 5	Nb-ppm 5	Ni-ppm 5	Pb-ppm 5	Sb-ppm 5	Sc-ppm 5	Sn-ppm 5	Sr-ppm 5
PMF180R1	N	N	20	70	20	N	N	N	15	50	N	20	N	700
PMF181R1	N	N	5	10	20	N	<5	N	5	10	N	20	N	300
PMF183R1	N	N	50	100	300	50	15	<20	50	30	N	50	N	200
PMF184R1	N	N	20	100	30	N	N	N	20	15	N	15	N	1,000
PMF187R1	N	N	50	10	500	N	50	N	15	<10	N	20	N	500
PMF188R1	N	N	30	100	100	N	N	N	50	20	N	50	N	500
PMF189R1	N	N	30	70	30	N	<5	N	50	20	N	20	N	1,000
PMF190R1	N	N	10	50	15	N	N	N	20	20	N	10	N	500
PMF701R1	N	N	20	10	10	N	50	N	10	20	N	10	N	150
PMF706R1	N	N	30	50	300	N	50	N	50	15	N	15	N	500
PMF707R1	N	N	20	20	50	N	N	N	20	30	N	10	N	500
PMF708R1	N	N	20	30	20	N	N	N	20	20	N	15	N	500
PMF709R1	N	N	5	<10	5	<20	N	N	10	30	N	10	N	200
PMF710R1	N	N	5	<10	<5	20	N	N	5	<10	N	5	N	300
PMF711R2	N	N	20	20	20	N	N	N	50	30	N	10	N	700
PMF721R1	N	N	5	10	15	N	5	N	5	20	N	15	N	<100
PMF755R1	N	N	20	20	50	30	N	N	20	30	N	20	N	300
PMF761R1	N	N	30	100	20	N	N	N	20	50	N	50	N	<100
PMF761R2	N	N	30	70	50	N	N	N	20	20	N	30	N	300
PMF763R1	N	N	50	300	50	N	N	N	70	15	N	50	N	700
PMF763R2	N	N	50	100	20	N	10	N	50	100	N	10	N	100
PMF763R4	N	N	15	100	30	N	5	N	20	10	N	20	N	200
PMF765R1	N	N	30	100	30	N	N	N	50	10	N	20	N	1,000
PMF767R1	N	N	5	50	7	N	<5	N	5	<10	N	20	N	1,000
PMF769R1	N	N	20	10	10	<20	N	N	7	20	N	15	N	300
PMF773R1	N	N	20	50	20	N	N	N	20	20	N	30	N	300
PMF776R1	N	N	N	N	10	<20	7	<20	5	20	N	15	N	100
PMF782R1	N	N	20	70	20	N	<5	N	30	20	N	15	N	200
PMF782R2	N	N	N	10	15	<20	<5	<20	7	700	N	5	N	N
PMF782R3	N	N	20	50	50	<20	<5	<20	20	200	N	20	N	N
PMF782R4	N	N	20	70	15	N	N	N	20	70	N	20	N	200
PMF783R1	N	N	N	20	30	N	<5	N	10	100	N	10	N	200
PMF783R2	N	N	20	10	5	<20	N	N	10	20	N	10	N	500
PMF783R3	N	N	10	10	10	<20	N	N	5	200	N	10	N	500
PMF783R5	N	N	N	30	10	N	20	<20	10	10	N	10	N	100
PMF784R1	N	N	5	30	500	N	5	N	10	70	N	15	N	100
PMF784R2	N	N	N	N	20	20	N	<20	5	<10	N	<5	N	200
PMF784R3	N	N	30	10	30	<20	N	<20	5	50	N	10	N	500
PMF784R4	N	N	30	150	50	20	N	N	100	50	N	20	N	500
PMF788R1	N	N	5	<10	10	N	N	N	<5	<10	N	20	N	N
PMF800R1	N	N	20	20	<5	<20	N	N	10	<10	N	15	N	700
PMF803R1	N	N	5	20	20	N	N	N	10	50	N	10	N	1,000
PMF803R2	N	N	50	30	200	20	N	N	20	50	N	30	N	500
PMF803R3	N	N	10	15	<5	<20	N	N	5	10	N	<5	N	700
PMF804R1	N	N	10	50	15	N	N	N	20	<10	N	10	N	700
PMF805R1	N	N	5	20	10	N	N	N	20	20	N	5	N	1,000
PMF806R1	N	N	5	30	30	N	<5	N	10	20	N	10	N	300
PMF806R2	N	N	N	50	10	N	5	N	5	300	N	15	N	N
PMF806R3	N	N	30	200	50	N	N	N	70	50	N	20	N	500
PMF806R4	N	N	<5	<10	20	N	N	N	10	1,500	N	<5	N	100
PMF807R1	N	N	20	70	15	N	N	N	15	50	N	20	N	700
PMF808R1	10	N	15	100	200	N	<5	N	50	10	N	20	N	N
PMF808R2	N	N	<5	<10	10	N	N	N	10	70	N	10	N	200
PMF808R3	N	N	<5	15	5	N	N	N	15	<10	N	5	N	500
PMF809R1	N	N	20	<10	5	N	N	N	10	20	N	10	N	500
PMF810R1	N	N	20	15	20	N	5	<20	7	50	N	20	N	500
PMF812R1	N	N	20	70	30	N	<5	N	20	10	N	15	N	300
PMF812R2	N	100	20	<10	50	N	N	N	5	300	N	5	N	<100
PMF813R1	N	N	<5	10	5	N	10	N	10	30	N	7	N	300
PMF813R2	N	N	N	150	10	N	<5	N	10	10	N	20	20	<100

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Hg-ppm inst	Te-ppm aa	As-ppm aa	Zn-ppm aa	U-ppm f	Au-ppm aa
PMF180R1	100	N	20	N	200	N	.04	--	20	5	--	N
PMF181R1	150	N	10	N	150	N	.04	--	10	25	--	N
PMF183R1	200	N	100	300	200	N	.04	--	10	110	--	N
PMF184R1	100	N	10	N	70	N	1.90	--	180	80	--	N
PMF187R1	100	N	50	N	150	N	.02	--	10	20	--	N
PMF188R1	200	N	50	<200	150	N	.02	--	10	75	--	N
PMF189R1	200	N	30	<200	70	N	.08	--	80	80	--	N
PMF190R1	70	N	30	<200	50	N	.40	--	30	80	--	N
PMF701R1	100	N	<10	<200	70	N	N	--	40	35	--	.002
PMF706R1	100	N	20	N	100	N	.10	--	10	30	--	N
PMF707R1	100	N	30	500	70	N	.02	--	10	670	--	N
PMF708R1	100	N	30	500	200	N	.02	--	10	350	--	N
PMF709R1	100	N	20	N	100	N	.02	--	10	110	--	N
PMF710R1	70	N	20	N	100	N	.02	--	10	30	--	N
PMF711R2	100	N	30	N	30	N	.68	--	20	160	--	N
PMF721R1	200	N	30	N	200	N	.02	--	N	50	--	.020
PMF755R1	70	N	50	N	200	N	.02	--	10	80	--	N
PMF761R1	300	N	20	N	150	N	2.80	--	40	20	--	.006
PMF761R2	300	N	15	<200	100	N	.16	--	190	90	--	.012
PMF763R1	300	N	20	200	100	N	.06	--	<10	45	--	N
PMF763R2	70	N	10	N	<10	N	.06	--	50	60	--	.002
PMF763R4	100	N	50	N	200	N	.02	--	<10	10	--	N
PMF765R1	300	N	15	N	100	N	.52	--	20	10	--	N
PMF767R1	200	N	<10	N	100	N	.18	--	10	<10	--	N
PMF769R1	150	N	50	N	200	N	.04	--	10	10	--	N
PMF773R1	200	N	50	<200	200	N	.02	--	<10	35	--	.002
PMF776R1	<10	N	70	N	500	N	N	--	600	10	--	.004
PMF782R1	200	N	30	500	100	N	N	--	20	450	--	N
PMF782R2	50	N	10	N	70	N	.08	--	100	90	--	.018
PMF782R3	150	N	30	1,500	100	N	.54	--	50	1,200	--	N
PMF782R4	100	N	30	500	100	N	.02	--	100	520	--	.004
PMF783R1	100	N	10	500	100	N	N	--	30	460	--	.006
PMF783R2	100	N	20	200	100	N	N	--	10	210	--	.002
PMF783R3	150	N	30	500	100	N	N	--	20	530	--	.002
PMF783R5	150	N	10	N	100	N	.18	--	20	30	--	.018
PMF784R1	150	N	20	<200	70	N	.28	--	80	130	--	.012
PMF784R2	20	N	20	N	100	N	.02	--	10	150	--	.072
PMF784R3	200	N	20	N	100	N	N	--	30	60	--	.014
PMF784R4	200	N	50	1,000	200	N	N	--	20	1,000	--	.002
PMF788R1	100	N	50	N	200	N	.72	--	20	10	--	N
PMF800R1	100	N	20	N	200	N	N	--	10	30	--	N
PMF803R1	50	N	20	N	10	N	.02	--	20	55	--	N
PMF803R2	300	N	50	<200	200	N	N	--	10	120	--	.002
PMF803R3	30	N	70	N	50	N	N	--	20	20	--	N
PMF804R1	70	N	20	300	70	N	.12	--	30	140	--	N
PMF805R1	50	N	10	<200	<10	N	N	--	10	30	--	N
PMF806R1	100	N	20	N	100	N	N	--	20	20	--	.042
PMF806R2	150	N	20	<200	100	N	N	--	2,300	100	--	N
PMF806R3	200	N	50	N	150	N	N	--	20	50	--	.004
PMF806R4	20	N	10	2,000	20	N	N	--	140	1,300	--	.046
PMF807R1	100	N	20	N	70	N	N	--	10	45	--	.002
PMF808R1	100	N	50	N	150	N	N	--	70	25	--	.036
PMF808R2	100	N	20	N	150	N	N	--	60	60	--	.004
PMF808R3	30	N	15	N	<10	N	N	--	10	20	--	N
PMF809R1	100	N	20	N	100	N	N	--	20	50	--	.002
PMF810R1	200	N	20	N	150	N	.06	--	20	35	--	N
PMF812R1	150	N	20	200	100	N	N	--	20	230	--	.002
PMF812R2	20	N	20	>10,000	100	N	.14	--	7,000	11,000	--	.220
PMF813R1	70	N	<10	N	100	N	N	--	40	35	--	.008
PMF813R2	200	N	20	N	100	N	.06	--	80	20	--	.014

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	Au-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
PMF813R3	55 39 56	160 54 43	10.00	1.50	.05	.500	200	.5	N	N	2,000	1,000	2.0
PMF813R4	55 39 56	160 54 43	10.00	3.00	2.00	.500	1,000	N	N	N	200	500	1.0
PMF814R1	55 40 37	160 54 45	7.00	5.00	5.00	.500	2,000	<.5	N	N	100	100	1.5
PMF814R2	55 40 37	160 54 45	7.00	5.00	5.00	.500	2,000	N	N	N	100	200	1.5
PMF814R3	55 40 37	160 54 45	7.00	3.00	5.00	.500	1,000	N	N	N	70	700	1.5
PMF814R4	55 40 37	160 54 45	5.00	.70	<.05	.300	200	1.0	N	N	200	1,000	2.0
PMF814R5	55 40 37	160 54 45	15.00	1.50	1.50	.300	1,000	N	1,000	N	700	1,000	1.5
PMF815R1	55 37 49	161 6 1	7.00	3.00	5.00	.500	1,500	N	N	N	150	700	1.5
PMF818R1	55 37 13	161 8 37	7.00	3.00	3.00	.500	500	N	N	N	100	300	1.5
PMF821R1	55 48 25	159 55 55	10.00	2.00	1.00	.700	1,000	N	N	N	50	500	3.0
PMF822R1	55 49 28	159 55 47	7.00	3.00	1.00	.500	500	N	N	N	30	1,000	2.0
PMF822R2	55 49 28	159 55 47	7.00	3.00	2.00	.500	1,000	N	N	N	20	1,000	1.5
PMF823R1	55 49 54	159 53 45	10.00	2.00	1.00	.500	200	<.5	N	N	10	200	2.0
PMF825R1	55 16 27	160 35 27	1.00	.10	<.05	.500	70	2.0	N	N	20	50	<1.0
PMF826R1	55 17 22	160 36 49	2.00	.05	<.05	.700	<10	N	300	N	20	100	<1.0
PMF827R1	55 34 47	160 53 56	--	--	--	--	--	--	--	--	--	--	--
PMF830R1	55 35 20	161 6 10	7.00	2.00	5.00	.500	700	<.5	N	N	50	300	1.0
PMF832R1	55 46 4	160 28 57	7.00	1.00	2.00	.700	500	N	N	N	50	1,000	2.0
PMF832R2	55 46 4	160 28 57	2.00	.70	2.00	.500	150	N	N	N	70	1,000	2.0
PMF832R3	55 46 4	160 28 57	.10	.05	<.05	.005	700	N	N	N	70	50	1.5
PMF835R1	55 43 26	160 28 42	7.00	2.00	1.50	.500	1,000	N	N	N	50	700	1.0
PMF835R2	55 43 26	160 28 42	7.00	5.00	10.00	.500	2,000	N	N	N	50	300	<1.0
PMF835R3	55 43 26	160 28 42	7.00	3.00	3.00	.500	1,500	N	N	N	30	700	1.0
PMF835R4	55 43 26	160 28 42	7.00	2.00	2.00	.700	700	N	N	N	20	200	2.0
PMF836R1	55 41 50	160 30 9	10.00	5.00	1.00	.700	2,000	N	N	N	20	500	1.0
PMF838R1	55 42 15	160 26 32	7.00	2.00	1.50	.500	1,000	N	N	N	20	700	1.0
PMF839R1	55 36 28	160 23 22	10.00	2.00	2.00	.500	2,000	N	N	N	50	70	<1.0
PMF839R2	55 36 28	160 23 22	7.00	5.00	7.00	.500	1,500	N	N	N	20	3,000	<1.0
PMF841R1	55 36 10	160 27 18	15.00	.50	.05	.500	200	N	200	N	10	500	<1.0
PMF841R2	55 36 10	160 27 18	10.00	5.00	3.00	1.000	2,000	N	N	N	30	200	1.0
PMF841R3	55 36 10	160 27 18	5.00	1.00	.10	1.000	200	<.5	N	N	50	300	<1.0
PMF841R4	55 36 10	160 27 18	3.00	.50	.05	.500	70	<.5	N	N	20	50	1.0
PMF842R1	55 34 53	160 29 36	20.00	.10	.20	.070	100	N	N	N	<10	<20	<1.0
PMF848R1	55 40 48	160 54 11	5.00	1.50	1.00	.300	>5,000	1.0	500	N	300	200	1.0
PMF850R1	55 40 47	160 54 33	5.00	1.50	.50	.500	1,000	N	N	N	70	500	1.5
PMF850R2	55 40 47	160 54 33	7.00	2.00	3.00	.500	3,000	<.5	N	N	200	200	<1.0
PMF850R3	55 40 47	160 54 33	20.00	1.00	1.00	.300	500	N	1,500	N	50	200	<1.0
PMF850R4	55 40 47	160 54 33	5.00	1.00	.10	.500	>5,000	20.0	N	N	1,000	300	<1.0
PMF850R6	55 40 47	160 54 33	2.00	1.50	.05	.300	500	N	N	N	1,000	700	1.0
PMF850R7	55 40 47	160 54 33	10.00	2.00	3.00	.300	2,000	N	N	N	100	500	<1.0
PMF850R8	55 40 47	160 54 33	10.00	2.00	2.00	.300	1,000	N	N	N	70	500	N
PMF850R9	55 40 47	160 54 33	7.00	2.00	.20	.500	1,500	N	N	N	200	700	<1.0
PMF851R1	55 37 48	160 57 2	10.00	2.00	.10	.500	700	N	N	N	200	700	1.0
PMF851R2	55 37 48	160 57 2	3.00	1.50	.50	.300	700	N	N	N	50	200	<1.0
PMF852R1	55 37 53	160 57 4	15.00	5.00	2.00	.500	1,500	<.5	N	N	10	1,000	<1.0
PMF852R2	55 37 53	160 57 4	5.00	2.00	.20	.500	500	N	N	N	100	500	<1.0
PMF852R3	55 37 53	160 57 4	3.00	1.00	7.00	.200	500	N	N	N	50	150	1.5
PMF853R1	55 38 8	160 56 53	5.00	1.00	.10	.300	500	N	N	N	100	500	1.0
PMF853R2	55 38 8	160 56 53	5.00	1.00	.70	.500	1,500	N	N	N	200	500	<1.0
PMF853R3	55 38 8	160 56 53	2.00	.02	<.05	.100	1,000	N	N	N	50	150	N
PMF855R2	55 17 38	160 41 9	15.00	2.00	5.00	.200	2,000	N	N	N	150	500	<1.0
PMF855R3	55 17 38	160 41 9	10.00	2.00	5.00	.100	2,000	N	N	N	50	1,500	<1.0
PMF856R1	55 10 2	160 37 52	2.00	1.50	10.00	.200	500	N	N	N	50	700	2.0
PMF856R2	55 10 2	160 37 52	7.00	2.00	10.00	.020	5,000	N	N	N	N	50	N
PMF856R3	55 10 2	160 37 52	3.00	1.50	.50	.500	1,000	1.0	N	N	100	700	1.0
PMF856R4	55 10 2	160 37 52	10.00	3.00	3.00	.300	1,000	N	N	N	10	150	N
PMF856R5	55 10 2	160 37 52	5.00	2.00	2.00	.300	200	N	N	N	<10	100	N
PMF856R6	55 10 2	160 37 52	10.00	1.50	.05	.500	1,000	N	N	N	200	500	<1.0
PMF856R7	55 10 2	160 37 52	2.00	1.00	.70	.200	500	N	500	N	10	500	1.0
PMF857R1	55 0 1	160 4 20	10.00	2.00	.70	.500	700	N	N	N	100	200	<1.0

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Bi-ppm s	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Nb-ppm s	Ni-ppm s	Pb-ppm s	Sb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
PMF813R3	N	N	N	100	20	N	100	N	5	50	N	20	N	100
PMF813R4	N	N	20	10	5	N	100	N	10	30	N	20	N	200
PMF814R1	N	N	20	10	70	N	N	N	10	70	N	20	N	500
PMF814R2	N	N	20	15	5	N	N	N	10	20	N	20	N	500
PMF814R3	N	N	20	100	5	N	N	N	20	10	N	20	N	500
PMF814R4	N	N	10	<10	15	N	<5	N	10	50	N	10	N	N
PMF814R5	N	N	5	50	30	N	5	N	15	100	N	15	N	300
PMF815R1	N	N	20	50	10	N	5	N	15	10	N	15	N	700
PMF818R1	N	N	10	30	15	N	5	N	7	<10	N	15	N	500
PMF821R1	N	N	20	30	150	N	20	N	15	<10	N	20	N	500
PMF822R1	N	N	10	10	15	N	20	N	15	20	N	15	N	500
PMF822R2	N	N	30	30	100	N	20	N	20	30	N	20	N	500
PMF823R1	N	N	30	70	100	N	N	N	15	10	N	20	N	500
PMF825R1	N	N	N	<10	5	N	N	N	5	>90	N	15	N	200
PMF826R1	N	N	N	100	30	N	<5	N	5	<10	N	20	N	1,000
PMF827R1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PMF830R1	N	N	15	<10	20	N	N	N	5	10	N	15	N	500
PMF832R1	N	N	<5	N	20	N	<5	N	5	30	N	20	N	500
PMF832R2	N	N	N	<10	5	N	N	N	5	20	N	7	N	300
PMF832R3	N	N	N	<10	<5	N	10	N	5	N	N	<5	N	N
PMF835R1	N	N	30	20	50	<20	N	<20	10	20	N	15	N	500
PMF835R2	N	N	30	70	70	N	<5	N	20	10	N	20	N	700
PMF835R3	N	N	30	100	5	N	<5	N	50	50	N	20	N	700
PMF835R4	N	N	30	150	20	N	N	N	50	20	N	20	N	300
PMF836R1	N	N	50	100	70	N	N	N	50	50	N	30	N	500
PMF838R1	N	N	30	50	50	N	10	N	30	20	N	15	N	500
PMF839R1	N	N	100	70	70	N	N	N	50	50	N	30	N	100
PMF839R2	N	N	50	30	50	N	N	N	20	20	N	20	N	300
PMF841R1	100	N	N	20	100	N	15	N	7	500	N	20	N	200
PMF841R2	N	N	50	100	100	50	N	N	30	30	N	30	N	1,000
PMF841R3	N	N	N	70	10	<20	<5	<20	<5	20	N	50	N	500
PMF841R4	N	N	N	<10	5	<20	10	N	<5	N	N	10	N	N
PMF842R1	N	N	N	<10	5	N	N	N	<5	<10	N	<5	N	N
PMF848R1	N	N	20	30	150	N	10	N	30	100	N	15	<10	N
PMF850R1	N	N	30	50	20	N	<5	N	30	20	N	20	N	<100
PMF850R2	N	N	30	30	70	N	<5	N	15	70	N	20	N	N
PMF850R3	N	N	5	70	20	N	10	N	5	70	N	15	<10	200
PMF850R4	N	N	100	70	150	N	5	N	20	200	N	20	<10	N
PMF850R6	N	N	N	N	<5	N	<5	N	<5	<10	N	10	<10	N
PMF850R7	N	N	50	<10	30	N	5	N	10	10	N	20	<10	300
PMF850R8	N	N	30	10	10	N	<5	N	10	20	N	20	N	500
PMF850R9	N	N	5	300	70	N	<5	N	50	70	N	20	<10	100
PMF851R1	N	N	30	150	70	N	<5	N	70	20	N	20	N	N
PMF851R2	N	N	10	70	10	N	N	N	20	<10	N	10	N	200
PMF852R1	N	N	30	100	70	N	<5	N	50	10	N	20	N	500
PMF852R2	N	N	30	100	50	N	<5	N	50	10	N	20	N	<100
PMF852R3	N	N	20	100	10	N	N	N	20	N	N	10	N	N
PMF853R1	N	N	20	<10	30	N	<5	N	50	<10	N	15	N	N
PMF853R2	N	N	20	50	30	N	<5	N	50	10	N	15	N	N
PMF853R3	N	N	5	50	5	N	N	N	15	N	N	<5	N	N
PMF855R2	N	N	20	10	50	N	5	N	100	<10	N	15	N	200
PMF855R3	N	N	20	50	15	N	<5	N	30	<10	N	5	N	700
PMF856R1	N	N	10	30	30	200	50	N	20	N	N	15	N	1,000
PMF856R2	N	N	N	150	<5	N	<5	N	10	N	N	<5	N	1,000
PMF856R3	N	N	30	150	20	N	N	N	50	20	N	20	N	150
PMF856R4	N	N	50	30	30	N	<5	N	30	N	N	30	N	500
PMF856R5	N	N	30	20	50	N	<5	N	10	<10	N	30	N	300
PMF856R6	N	N	15	70	50	N	<5	N	10	15	N	30	N	100
PMF856R7	N	N	10	20	20	N	N	N	10	10	N	10	<10	100
PMF857R1	N	N	30	150	50	N	<5	N	50	20	N	20	N	<100

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Hg-ppm inst	Te-ppm aa	As-ppm aa	Zn-ppm aa	U-ppm f	Au-pp aa
PMF813R3	200	N	20	N	150	N	N	--	110	30	--	.01
PMF813R4	200	N	30	N	100	N	N	--	20	70	--	.05
PMF814R1	200	N	20	N	100	N	.04	--	40	40	--	.01
PMF814R2	200	N	30	N	100	N	.02	--	40	45	--	.00
PMF814R3	200	N	30	N	100	N	N	--	10	70	--	N
PMF814R4	100	N	20	N	100	N	.02	--	60	10	--	.02
PMF814R5	200	N	20	200	70	N	.02	--	630	35	--	.00
PMF815R1	100	N	20	N	100	N	N	--	10	25	--	N
PMF818R1	100	N	20	N	100	N	N	--	10	10	--	N
PMF821R1	200	N	20	1,000	100	N	N	--	20	800	--	N
PMF822R1	150	N	30	N	200	N	N	--	10	10	--	.00
PMF822R2	200	N	20	N	100	N	N	--	10	40	--	.00
PMF823R1	150	N	20	<200	150	N	N	--	10	10	--	.04
PMF825R1	150	N	30	N	100	N	.08	--	40	10	--	.03
PMF826R1	500	N	10	N	150	N	.56	--	270	10	--	.00
PMF827R1	--	--	--	--	--	--	--	--	--	--	.50	--
PMF830R1	100	N	20	<200	100	N	N	--	10	130	--	.00
PMF832R1	150	N	30	<200	150	N	N	--	30	20	--	N
PMF832R2	100	N	30	N	200	N	.02	--	10	20	--	N
PMF832R3	10	N	<10	<200	N	N	N	--	10	<10	--	N
PMF835R1	200	N	30	N	200	N	N	--	10	50	--	N
PMF835R2	200	N	20	<200	50	N	.06	--	<10	35	--	N
PMF835R3	200	N	30	<200	200	N	N	--	<10	25	--	N
PMF835R4	200	N	50	<200	200	N	N	--	<10	35	--	N
PMF836R1	300	N	50	500	200	N	N	--	10	600	.10	N
PMF838R1	200	N	20	N	150	N	N	--	10	40	--	.05
PMF839R1	300	N	50	<200	50	N	.12	--	20	65	--	.00
PMF839R2	200	N	20	N	50	N	.28	--	10	55	--	N
PMF841R1	300	N	10	<200	100	N	1.20	--	500	5	--	N
PMF841R2	500	N	50	<200	300	N	.02	--	10	65	--	.01
PMF841R3	500	N	50	<200	500	N	.42	--	10	5	--	.00
PMF841R4	150	N	20	<200	300	N	7.70	--	10	5	--	N
PMF842R1	30	N	N	200	<10	N	.02	--	<10	65	--	N
PMF848R1	200	N	10	<200	150	N	.12	--	300	130	--	.20
PMF850R1	200	N	20	200	200	N	.06	--	80	90	--	.01
PMF850R2	200	N	30	<200	100	N	.16	--	130	100	--	N
PMF850R3	300	N	15	<200	50	N	>6.00	--	>2,000	35	--	.00
PMF850R4	200	N	10	200	100	N	.12	--	200	200	--	.10
PMF850R6	100	N	20	<200	100	N	.02	--	60	5	--	.01
PMF850R7	200	N	20	<200	100	N	.20	--	40	55	--	.00
PMF850R8	200	N	15	<200	100	N	.12	--	140	60	--	<.00
PMF850R9	300	N	20	<200	200	N	.18	--	60	45	--	N
PMF851R1	300	N	20	<200	200	N	N	--	N	40	--	.01
PMF851R2	150	N	10	<200	100	N	.08	--	<10	110	--	N
PMF852R1	500	N	20	<200	200	N	N	--	N	25	--	.00
PMF852R2	200	N	20	<200	200	N	.02	--	N	200	--	.02
PMF852R3	100	N	<10	<200	70	N	N	--	N	120	--	<.00
PMF853R1	150	N	20	<200	200	N	N	--	<10	80	--	.00
PMF853R2	200	N	20	<200	200	N	--	--	<10	105	--	--
PMF853R3	30	N	<10	<200	30	N	--	--	N	35	--	--
PMF855R2	150	N	20	200	100	N	N	--	N	35	--	.00
PMF855R3	70	N	<10	300	50	N	N	--	N	30	--	N
PMF856R1	100	50	100	<200	150	N	.30	--	60	50	--	.10
PMF856R2	20	N	20	<200	<10	N	.24	--	30	45	--	.00
PMF856R3	150	N	30	N	100	N	.10	--	<10	N	--	.00
PMF856R4	200	N	20	<200	50	N	.30	--	N	20	--	.01
PMF856R5	200	N	20	<200	50	N	.08	--	90	N	--	.00
PMF856R6	200	N	<10	<200	100	N	.32	--	1,000	15	--	.00
PMF856R7	50	N	20	<200	100	N	--	--	130	10	--	--
PMF857R1	200	N	20	<200	100	N	.04	--	10	55	--	.00

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S	Be-ppm S
PMF857R2	55 0 1	160 4 20	5.00	1.50	3.00	.500	1,000	N	N	N	10	700	<1.0
PMF857R3	55 0 1	160 4 20	10.00	1.50	1.00	.500	1,000	<.5	N	N	200	500	<1.0
PMF858R1	55 7 38	160 5 15	7.00	2.00	1.00	.300	500	N	N	N	50	500	<1.0
PMF858R2	55 7 38	160 5 15	10.00	2.00	1.00	.500	1,000	N	N	N	50	1,000	N
PMF860R1	55 6 40	160 3 21	7.00	2.00	.50	.500	500	N	N	N	200	500	1.5
PMF861R1	55 9 45	159 58 36	10.00	2.00	.50	.500	300	N	N	N	50	700	<1.0
PMF862R1	55 15 5	159 51 55	10.00	1.50	1.00	.500	1,000	N	N	N	200	500	<1.0
PMF862R2	55 15 5	159 51 55	15.00	2.00	.20	.500	1,000	N	N	N	200	500	<1.0
PMF863R1	55 15 55	159 51 10	5.00	2.00	.50	.500	500	N	N	N	200	500	<1.0
PMF863R2	55 15 55	159 51 10	10.00	2.00	.20	.500	500	N	N	N	200	500	<1.0
PMF863R3	55 15 55	159 51 10	7.00	2.00	.20	.500	1,000	N	N	N	50	700	<1.0
PMF863R4	55 15 55	159 51 10	10.00	1.50	3.00	.300	700	N	N	N	<10	200	<1.0
PMF863R5	55 15 55	159 51 10	10.00	1.00	2.00	.500	500	N	N	N	20	300	<1.0
PMF863R6	55 15 55	159 51 10	10.00	1.00	.05	.500	500	N	N	N	70	200	<1.0
PMF863R7	55 15 55	159 51 10	15.00	1.50	2.00	.500	1,500	N	N	N	20	300	<1.0
PMF864R1	55 6 44	159 36 28	3.00	1.50	.50	.500	700	N	N	N	100	700	2.0
PMF864R2	55 6 44	159 36 28	10.00	2.00	.70	.500	700	N	N	N	500	500	1.0
PMF864R3	55 6 44	159 36 28	5.00	1.50	1.00	.500	1,000	N	N	N	20	700	2.0
PMF865R1	55 6 35	159 35 40	2.00	.50	.10	.200	300	N	N	N	10	500	N
PMF870R1	55 6 48	159 58 19	2.00	1.00	.50	.200	300	N	N	N	20	300	<1.0
PMF870R2	55 6 48	159 58 19	5.00	2.00	1.00	.700	700	N	N	N	20	1,000	1.0
PMF870R3	55 6 48	159 58 19	10.00	3.00	.50	.700	1,000	N	N	N	200	700	1.0
PMF871R1	55 6 48	159 57 5	.50	.10	.30	.050	500	N	N	N	30	50	N
PMF872R1	55 8 29	159 56 46	5.00	1.50	2.00	.500	1,500	N	N	N	20	200	1.0
PMF873R1	55 8 38	159 55 29	10.00	2.00	.10	.700	1,500	N	N	N	200	1,000	1.5
PMF874R1	55 19 1	160 23 33	15.00	2.00	2.00	1.000	2,000	N	N	N	20	200	N
PMF874R2	55 19 1	160 23 33	7.00	2.00	.50	.700	500	N	N	N	50	100	N
PMF874R3	55 19 1	160 23 33	10.00	2.00	.05	.700	200	N	N	N	100	<20	N
PMF875R1	55 10 23	159 59 0	5.00	2.00	5.00	.300	1,000	N	N	N	20	500	<1.0
PMF876R1	55 9 8	159 57 53	10.00	2.00	1.50	.500	1,000	2.0	N	N	20	200	<1.0
PMF876R2	55 9 8	159 57 53	10.00	2.00	1.00	.500	1,000	N	N	N	20	500	<1.0
PMF876R3	55 9 8	159 57 53	3.00	1.50	.10	.300	1,000	5.0	N	N	30	700	<1.0
PMF877R1	55 17 38	160 19 40	15.00	3.00	1.50	1.000	1,000	N	N	N	2,000	500	N
PMF880R1	55 19 13	160 25 11	3.00	1.50	1.50	.300	700	N	N	N	N	100	N
PMF880R2	55 19 13	160 25 11	15.00	5.00	1.00	.700	3,000	<.5	N	N	500	200	N
PMF881R1	55 18 4	160 23 45	15.00	5.00	2.00	.700	1,500	<.5	N	N	<10	50	N
PMF882R1	55 18 0	160 29 0	3.00	.05	<.05	.100	50	15.0	1,000	N	30	200	N
PMF882R2	55 18 0	160 29 0	10.00	2.00	1.00	.500	700	1.0	N	N	50	700	N
PMF883R1	55 18 38	160 28 59	2.00	.07	.50	.500	100	N	200	N	50	1,000	N
PMF884R1	55 22 30	160 35 10	15.00	2.00	.20	.300	500	N	N	N	500	200	<1.0
PMF884R2	55 22 30	160 35 10	3.00	2.00	2.00	.300	500	N	N	N	<10	50	N
PMF885R1	55 11 39	160 40 43	10.00	2.00	2.00	.500	2,000	N	N	N	20	300	N
PMF886R1	55 35 40	160 30 56	7.00	2.00	3.00	.300	1,000	N	N	N	<10	300	<1.0
PMF887R1	55 35 51	160 30 52	10.00	2.00	2.00	.300	1,000	N	N	N	20	70	<1.0
PMF887R2	55 35 51	160 30 52	10.00	3.00	3.00	.300	1,000	N	N	N	10	200	<1.0
PMF887R3	55 35 51	160 30 52	10.00	.50	.20	.500	200	N	N	N	50	150	<1.0
PMF887R4	55 35 51	160 30 52	5.00	2.00	.20	.500	1,000	<.5	N	N	50	300	N
PMF888R1	55 37 19	160 32 25	10.00	3.00	1.50	.500	3,000	N	N	N	30	100	<1.0
PMF888R2	55 37 19	160 32 25	15.00	2.00	.05	.500	200	N	N	N	50	150	<1.0
PMF888R3	55 37 19	160 32 25	.10	<.02	<.05	>1.000	10	N	N	N	30	<20	N
PMF891R1	55 8 3	159 59 4	5.00	1.50	.70	.200	2,000	N	N	N	100	500	<1.0
PMF892R1	55 7 14	159 57 32	3.00	1.00	.70	.200	500	N	N	N	20	500	<1.0
PMF892R2	55 7 14	159 57 32	10.00	2.00	2.00	.500	1,000	N	N	N	50	500	<1.0
PMF892R3	55 7 14	159 57 32	5.00	1.50	1.00	.300	1,000	N	N	N	20	700	<1.0
PMF892R4	55 7 14	159 57 32	.10	.02	.10	.005	50	N	N	N	100	<20	N
PMF893R1	55 3 2	159 21 28	5.00	1.00	1.00	.300	1,000	N	N	N	200	700	1.0
PMF894R1	55 3 9	159 23 59	3.00	1.00	1.00	.300	1,000	N	N	N	20	500	1.0
PMF895R1	54 56 24	159 16 38	5.00	1.50	1.00	.300	1,000	N	N	N	20	700	1.0
PMK600R1	55 40 52	160 54 24	20.00	.02	.50	.100	30	N	500	N	N	<20	N
PMK600R2	55 40 52	160 54 24	5.00	1.00	3.00	.200	1,000	N	N	N	300	150	1.0

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Bi-ppm	Cd-ppm	Co-ppm	Cr-ppm	Cu-ppm	La-ppm	Mo-ppm	Nb-ppm	Ni-ppm	Pb-ppm	Sb-ppm	Sc-ppm	Sn-ppm	Sr-ppm
	5	5	5	5	5	5	5	5	5	5	5	5	5	5
PMF857R2	N	N	20	200	100	N	<5	N	50	<10	N	20	<10	700
PMF857R3	N	N	20	50	50	N	5	N	20	20	N	20	N	N
PMF858R1	N	N	20	70	50	N	<5	N	20	N	N	20	N	200
PMF858R2	N	N	30	50	70	N	<5	N	30	10	N	20	N	300
PMF860R1	N	N	30	150	70	N	<5	N	50	15	N	20	N	100
PMF861R1	N	N	20	150	30	N	<5	N	50	N	N	20	N	500
PMF862R1	N	N	20	N	100	N	5	N	10	<10	N	20	N	500
PMF862R2	N	N	30	500	50	N	<5	N	100	10	N	30	N	N
PMF863R1	N	N	30	100	30	N	<5	N	30	10	N	20	N	300
PMF863R2	N	N	30	200	50	N	<5	N	70	20	N	20	N	N
PMF863R3	N	N	30	200	50	N	<5	N	30	N	N	20	N	200
PMF863R4	N	N	30	10	7	N	N	N	10	N	N	20	N	500
PMF863R5	N	N	30	50	30	N	N	N	20	<10	N	20	N	500
PMF863R6	N	N	20	500	100	N	<5	N	30	<10	N	50	N	N
PMF863R7	20	N	30	100	100	N	5	N	30	20	N	50	N	300
PMF864R1	N	N	20	100	20	<20	<5	N	30	20	N	15	N	200
PMF864R2	N	N	50	100	100	N	<5	N	150	<10	N	20	N	200
PMF864R3	N	N	20	70	7	N	N	N	20	10	N	20	N	<100
PMF865R1	N	N	N	20	15	N	N	N	N	20	N	<5	N	N
PMF870R1	N	N	5	20	10	N	N	N	15	10	N	5	N	<100
PMF870R2	N	N	30	20	50	N	<5	N	30	10	N	20	N	500
PMF870R3	N	N	30	200	70	N	<5	N	70	20	N	20	N	N
PMF871R1	N	N	<5	<10	<5	N	N	N	5	N	N	N	N	N
PMF872R1	N	N	30	150	50	N	N	N	70	N	N	15	N	500
PMF873R1	N	N	30	100	100	N	<5	N	70	<10	N	20	N	N
PMF874R1	N	N	50	50	100	N	5	N	30	10	N	50	N	500
PMF874R2	N	N	10	20	30	N	<5	N	<5	10	N	30	N	N
PMF874R3	N	N	50	100	100	N	5	N	20	20	N	70	N	N
PMF875R1	N	N	30	50	50	N	N	N	30	10	N	15	<10	500
PMF876R1	20	N	10	100	200	N	<5	N	30	<10	N	20	<10	100
PMF876R2	N	N	30	30	70	N	5	N	30	15	N	20	N	500
PMF876R3	15	N	10	30	30	N	N	N	20	150	N	5	N	N
PMF877R1	N	N	30	10	30	N	<5	N	5	20	N	30	N	500
PMF880R1	N	N	7	20	5	N	N	N	7	N	N	15	N	500
PMF880R2	N	N	30	30	150	N	<5	N	20	15	N	30	N	500
PMF881R1	N	N	50	100	100	N	15	N	30	20	N	50	<10	200
PMF882R1	N	N	<5	<10	100	N	700	N	5	150	N	<5	N	N
PMF882R2	N	N	20	50	70	N	5	N	20	15	N	30	N	<100
PMF883R1	N	N	N	<10	5	N	<5	N	<5	<10	N	20	N	N
PMF884R1	N	N	50	50	150	N	10	N	50	50	N	30	<10	N
PMF884R2	N	N	20	10	10	N	N	N	10	N	N	10	<10	1,000
PMF885R1	N	N	30	50	50	N	<5	N	20	<10	N	20	<10	700
PMF886R1	N	N	20	N	15	N	<5	N	5	<10	N	20	N	500
PMF887R1	N	N	20	<10	70	N	<5	N	5	<10	N	15	N	500
PMF887R2	N	N	50	<10	100	N	5	N	10	10	N	20	N	700
PMF887R3	N	N	50	20	100	N	7	N	10	<10	N	30	N	N
PMF887R4	N	N	10	30	50	N	5	N	5	20	N	20	N	300
PMF888R1	N	N	30	20	20	N	<5	N	15	N	N	20	N	200
PMF888R2	N	N	10	30	100	N	5	N	5	<10	N	20	N	N
PMF888R3	N	N	N	<10	N	N	N	<20	<5	N	N	15	N	N
PMF891R1	N	N	20	50	50	N	<5	N	50	10	N	10	N	200
PMF892R1	N	N	5	20	10	N	N	N	10	20	N	10	N	100
PMF892R2	N	N	30	50	50	N	<5	N	50	10	N	30	N	500
PMF892R3	N	N	20	50	50	N	<5	N	30	<10	N	15	N	300
PMF892R4	N	N	<5	N	<5	N	N	N	<5	N	N	N	N	N
PMF893R1	N	N	20	100	20	<20	<5	N	20	20	N	15	N	<100
PMF894R1	N	N	10	30	20	<20	N	N	20	20	N	15	N	<100
PMF895R1	N	N	20	30	30	<20	N	N	20	20	N	20	N	200
PMK600R1	N	N	<5	50	70	N	20	N	5	30	N	5	N	N
PMK600R2	N	N	20	50	20	N	N	N	30	<10	N	15	<10	<100

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Hg-ppm inst	Te-ppm aa	As-ppm aa	Zn-ppm aa	U-ppm f	Au-ppm aa
PMF857R2	200	N	20	N	200	N	--	--	40	350	--	--
PMF857R3	200	N	20	N	100	N	.02	--	10	100	--	<.002
PMF858R1	200	N	20	N	100	N	.06	--	10	110	--	.002
PMF858R2	300	N	20	<200	200	N	.04	--	10	75	--	N
PMF860R1	300	N	30	<200	200	N	.02	--	N	40	--	N
PMF861R1	300	N	30	<200	200	N	--	--	90	85	--	--
PMF862R1	70	N	50	200	200	N	--	--	N	65	--	--
PMF862R2	300	N	30	<200	150	N	--	--	N	35	--	--
PMF863R1	200	N	20	<200	150	N	--	--	N	85	--	--
PMF863R2	300	N	30	<200	200	N	--	--	N	80	--	--
PMF863R3	300	N	10	<200	200	N	--	--	N	20	--	--
PMF863R4	200	N	15	<200	70	N	--	--	20	70	--	--
PMF863R5	300	N	30	<200	200	N	--	--	N	70	--	--
PMF863R6	300	N	10	<200	50	N	--	--	N	20	--	--
PMF863R7	500	N	30	<200	150	N	--	--	N	55	--	--
PMF864R1	200	N	30	<200	150	N	.06	--	N	65	--	.022
PMF864R2	200	N	20	N	200	N	--	--	40	50	--	--
PMF864R3	150	N	50	<200	200	N	--	--	N	45	--	--
PMF865R1	20	N	<10	N	20	N	--	--	N	15	--	--
PMF870R1	100	N	N	<200	50	N	--	--	N	25	--	--
PMF870R2	200	N	30	<200	200	N	--	--	N	70	--	--
PMF870R3	300	N	50	200	200	N	--	--	N	120	--	--
PMF871R1	20	N	N	<200	<10	N	N	--	N	5	--	.002
PMF872R1	150	N	20	<200	500	N	--	--	N	60	--	--
PMF873R1	200	N	50	<200	200	N	--	--	10	100	--	--
PMF874R1	500	N	100	200	100	N	.08	--	<10	110	--	<.002
PMF874R2	500	N	20	<200	100	N	.10	--	N	20	--	.004
PMF874R3	500	N	15	200	50	N	.58	--	30	15	--	N
PMF875R1	200	N	10	<200	150	N	N	--	10	55	--	<.002
PMF876R1	200	N	20	<200	200	N	.08	--	30	30	--	.014
PMF876R2	200	N	20	<200	100	N	.48	--	10	650	--	<.002
PMF876R3	200	N	10	1,000	100	N	.02	--	20	75	--	<.002
PMF877R1	300	N	20	200	70	N	.14	--	10	110	--	.002
PMF880R1	200	N	15	<200	20	N	N	--	N	65	--	<.002
PMF880R2	300	N	20	200	70	N	.02	--	N	105	--	<.002
PMF881R1	500	N	20	<200	50	N	.04	--	200	50	--	.900
PMF882R1	50	N	N	<200	20	N	.26	--	1,200	15	--	.002
PMF882R2	500	N	10	<200	100	N	.14	--	200	65	--	.006
PMF883R1	150	N	10	N	100	N	1.00	--	400	40	--	.100
PMF884R1	200	N	50	200	70	N	.06	--	50	60	--	.002
PMF884R2	200	N	10	<200	50	N	.02	--	40	25	--	<.002
PMF885R1	300	N	20	<200	100	N	.06	--	N	90	--	N
PMF886R1	200	N	20	<200	200	N	.06	--	N	35	--	N
PMF887R1	200	N	20	<200	100	N	.06	--	<10	55	--	.002
PMF887R2	200	N	20	200	100	N	.10	--	N	60	--	N
PMF887R3	500	N	30	<200	300	N	.14	--	10	10	--	N
PMF887R4	300	N	20	<200	200	N	.08	--	N	35	--	.002
PMF888R1	200	N	30	<200	200	N	.04	--	N	75	--	N
PMF888R2	200	N	10	<200	150	N	.04	--	N	10	--	<.002
PMF888R3	50	N	<10	<200	300	N	.06	--	N	N	--	.002
PMF891R1	200	N	20	<200	200	N	.08	--	<10	65	--	N
PMF892R1	50	N	20	N	100	N	.04	--	20	40	--	.012
PMF892R2	200	N	20	<200	200	N	.04	--	10	80	--	<.002
PMF892R3	200	N	10	<200	100	N	.04	--	N	70	--	N
PMF892R4	50	N	N	<200	N	N	.08	--	N	N	--	N
PMF893R1	150	N	50	<200	200	N	.40	--	20	60	--	.002
PMF894R1	100	N	30	<200	200	N	.04	--	10	60	--	N
PMF895R1	100	N	30	<200	300	N	.06	--	10	75	--	N
PMK600R1	200	N	N	200	70	N	.04	--	80	65	--	.008
PMK600R2	100	N	20	<200	100	N	.08	--	20	150	--	<.002

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S	Be-ppm S
PMK601R1	55 7 34	159 58 12	2.00	1.00	.70	.200	300	N	500	N	20	500	1.0
PMK601R2	55 7 34	159 58 12	3.00	1.50	2.00	.500	1,000	.5	N	N	20	500	1.5
PMK603R1	55 18 37	160 30 39	10.00	5.00	2.00	.500	1,000	N	N	N	10	200	N
PMK603R2	55 18 32	160 30 33	20.00	5.00	2.00	.500	1,000	N	N	N	10	100	N
PMK603R3	55 18 31	160 30 29	5.00	1.00	2.00	.500	500	N	N	N	50	500	<1.0
PMK603R4	55 18 29	160 30 26	3.00	.02	<.05	.200	20	N	1,000	N	15	300	N
PMK603R5	55 18 25	160 30 18	5.00	1.50	.05	.200	500	N	500	N	100	200	<1.0
PMK603R6	55 18 35	160 30 35	10.00	.02	<.05	.150	20	N	5,000	N	20	500	N
PMK603R7	55 18 36	160 30 35	15.00	3.00	2.00	.300	2,000	2.0	N	N	20	300	N
PMK603R8	55 18 33	160 30 33	.50	.20	1.50	.050	300	1.0	N	N	20	20	N
PMK604R1	55 19 15	160 31 36	.50	.02	<.05	.015	50	.5	N	N	20	50	N
PMK604R2	55 19 15	160 31 36	10.00	<.02	<.05	.300	15	5.0	N	N	N	150	N
PMK604R3	55 19 15	160 31 36	.10	.10	.20	<.002	150	N	N	N	30	100	N
PMK604R4	55 19 15	160 31 36	5.00	.30	10.00	.300	1,000	N	N	N	30	N	N
PMK604R5	55 19 15	160 31 36	.50	.10	1.50	.020	500	N	N	N	30	30	N
PMK605R1	55 19 18	160 30 35	10.00	2.00	3.00	.500	1,000	N	N	N	10	70	N
PMK605R2	55 19 18	160 30 35	5.00	1.50	1.00	.500	200	N	500	N	20	200	N
PMK605R3	55 19 18	160 30 35	5.00	1.00	2.00	.500	200	N	700	N	10	150	N
PMK605R4	55 19 18	160 30 35	5.00	3.00	2.00	.500	1,000	N	N	N	10	100	N
PMK606R1	55 19 19	160 29 55	5.00	1.50	2.00	.500	500	N	N	N	<10	100	N
PMK607R1	55 19 38	160 29 44	5.00	1.50	2.00	.300	1,000	N	N	N	<10	500	1.0
PMK607R2	55 19 38	160 29 44	7.00	.50	.05	.500	200	2.0	N	N	10	500	N
PMK608R1	55 19 43	160 29 52	5.00	2.00	3.00	.500	2,000	N	N	N	20	1,000	N
PMK609R1	55 20 20	160 29 27	.50	<.02	<.05	1.000	100	N	N	N	20	20	N
PMK612R1	55 18 15	160 41 5	2.00	.20	1.00	.200	200	N	N	N	50	1,000	1.0
PMK613R1	55 18 9	160 42 59	5.00	2.00	3.00	.500	1,000	N	N	N	15	150	<1.0
PMK613R2	55 18 9	160 42 59	5.00	2.00	5.00	.300	700	N	N	N	10	100	<1.0
PMK614R1	55 16 57	160 40 34	10.00	5.00	3.00	.500	1,000	N	N	N	20	100	<1.0
PMK615R1	55 16 54	160 41 48	3.00	.50	1.00	.200	300	N	N	N	30	700	<1.0
PMK616R1	55 10 18	160 1 0	5.00	1.50	.05	.200	500	N	N	N	100	500	<1.0
PMK617R1	55 10 13	159 55 42	10.00	2.00	2.00	.500	1,000	N	300	N	50	500	N
PMK619R1	55 17 30	160 20 18	10.00	2.00	3.00	.500	500	N	N	N	20	200	N
PMK619R2	55 17 30	160 20 18	10.00	3.00	5.00	.500	1,000	N	N	N	10	200	N
PMK620R1	55 19 25	160 21 39	15.00	2.00	1.00	.500	500	N	N	N	50	500	N
PMK620R2	55 19 25	160 21 39	15.00	3.00	5.00	.500	1,000	N	N	N	10	30	N
PMK621R1	55 20 9	160 24 9	1.00	.20	.15	.100	150	15.0	N	N	30	30	N
PMK622R1	55 19 19	160 25 8	10.00	2.00	5.00	.500	1,000	N	N	N	50	200	N
PMK622R2	55 19 19	160 25 8	15.00	2.00	3.00	.500	700	N	N	N	20	200	N
PMK622R3	55 19 19	160 25 8	20.00	1.00	.05	.300	200	1.0	200	N	50	200	N
PMK623R1	55 17 26	160 23 19	10.00	5.00	2.00	.500	1,500	N	N	N	15	500	N
PMK623R2	55 17 26	160 23 19	10.00	2.00	2.00	.500	1,500	N	N	N	20	700	N
PMK624R1	55 17 25	160 25 0	>20.00	.70	<.05	.300	30	N	300	N	100	200	N
PMK624R2	55 17 25	160 25 0	2.00	.50	<.05	.700	50	N	N	N	70	500	N
PMK624R3	55 17 25	160 25 0	15.00	.30	<.05	.500	10	N	N	N	20	30	N
PMK624R4	55 17 25	160 25 0	.10	<.02	<.05	.700	N	N	N	N	20	500	N
PMK624R5	55 17 25	160 25 0	.10	<.02	<.05	1.000	N	N	N	N	100	N	N
PMK625R1	55 17 56	160 29 12	2.00	.05	.05	.500	30	N	N	N	50	1,500	N
PMK626R1	55 13 30	160 34 52	1.00	.30	<.05	.050	2,000	5.0	N	N	20	500	<1.0
PMK626R2	55 13 30	160 34 52	2.00	.50	<.05	.010	700	10.0	N	N	20	200	<1.0
PMK626R3	55 13 30	160 34 52	.50	.15	>20.00	.003	>5,000	N	N	N	N	<20	<1.0
PMK626R4	55 13 30	160 34 52	1.00	.70	.20	.100	>5,000	3.0	N	N	30	200	1.0
PMK626R5	55 13 30	160 34 52	1.00	1.00	<.05	.300	500	1.0	N	N	50	300	<1.0
PMK626R6	55 13 30	160 34 52	1.00	.30	.07	.015	2,000	.5	N	N	30	30	N
PMK626R7	55 13 30	160 34 52	2.00	.50	.05	.200	500	1.0	N	N	30	1,000	<1.0
PMK626R8	55 13 30	160 34 52	7.00	1.50	.05	.300	1,000	5.0	N	N	100	700	N
PMK626R9	55 13 30	160 34 52	10.00	3.00	5.00	.500	3,000	N	N	N	50	700	N
PMK629R1	55 10 16	160 46 50	.20	.10	3.00	.010	30	N	N	N	10	100	1.0
PMK630R1	55 10 13	160 46 30	15.00	2.00	3.00	.500	1,000	N	N	N	20	50	N
PMK630R2	55 10 13	160 46 30	3.00	.07	.05	.010	50	N	N	N	20	30	N
PMK630R3	55 10 13	160 46 30	15.00	1.50	1.00	.300	700	N	N	N	10	200	N

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S
PMK601R1	N	N	10	100	7	N	N	N	10	10	N	10	N	100
PMK601R2	N	N	20	200	70	<20	<5	N	50	<10	N	20	<10	700
PMK603R1	N	N	20	50	70	N	<5	N	20	N	N	30	N	500
PMK603R2	N	N	50	50	100	N	N	N	20	<10	N	30	N	1,000
PMK603R3	N	N	20	N	70	N	N	N	5	<10	N	30	N	500
PMK603R4	N	N	5	N	20	N	N	N	5	N	N	10	N	N
PMK603R5	N	N	5	<10	20	N	N	N	5	<10	N	10	N	N
PMK603R6	N	N	5	N	70	N	5	N	5	<10	N	10	N	N
PMK603R7	N	N	50	30	200	N	<5	N	20	15	N	20	N	500
PMK603R8	N	N	20	N	1,000	N	N	N	5	N	N	N	N	N
PMK604R1	N	N	<5	N	50	N	N	N	5	30	N	N	N	N
PMK604R2	N	N	20	<10	70	N	<5	N	5	<10	N	10	N	100
PMK604R3	N	N	<5	<10	70	N	N	N	7	200	N	N	N	N
PMK604R4	N	N	10	50	5	N	N	N	10	<10	N	30	N	1,000
PMK604R5	N	N	<5	N	1,000	N	N	N	<5	N	N	N	N	N
PMK605R1	N	N	50	100	200	N	<5	N	50	N	N	50	N	700
PMK605R2	N	N	10	20	50	N	5	N	5	<10	N	20	N	1,000
PMK605R3	N	N	10	10	20	N	<5	N	7	<10	N	20	N	500
PMK605R4	N	N	50	100	70	N	<5	N	20	<10	N	30	N	500
PMK606R1	N	N	20	<10	70	N	<5	N	7	<10	N	20	N	700
PMK607R1	N	N	15	N	20	N	N	N	5	<10	N	20	N	700
PMK607R2	N	N	15	20	70	N	<5	N	7	20	N	30	N	700
PMK608R1	N	N	20	30	70	N	5	N	20	N	N	20	<10	200
PMK609R1	N	N	<5	20	5	N	<5	N	5	15	N	15	N	N
PMK612R1	N	N	N	<10	<5	N	N	N	5	20	N	10	N	200
PMK613R1	N	N	30	<10	50	N	N	N	10	N	N	20	N	1,000
PMK613R2	N	N	20	<10	50	N	N	N	10	N	N	15	N	1,500
PMK614R1	N	N	50	10	20	N	<5	N	20	N	N	20	N	500
PMK615R1	N	N	5	15	5	N	N	N	5	<10	N	5	N	500
PMK616R1	N	N	20	50	<5	N	<5	N	50	20	N	10	N	N
PMK617R1	N	N	30	100	100	N	<5	N	50	15	N	20	N	700
PMK619R1	N	N	30	20	70	N	<5	N	10	<10	N	30	N	500
PMK619R2	N	N	20	50	50	N	<5	N	10	N	N	20	N	300
PMK620R1	N	N	20	100	100	N	5	N	20	<10	N	50	N	300
PMK620R2	N	N	50	200	50	N	<5	N	50	N	N	30	N	300
PMK621R1	N	N	N	N	20	N	N	N	<5	20	N	<5	N	N
PMK622R1	N	N	30	30	100	N	<5	N	20	10	N	20	N	500
PMK622R2	N	N	20	10	100	N	5	N	10	<10	N	20	N	700
PMK622R3	N	N	N	20	150	N	10	N	5	10	N	20	N	N
PMK623R1	N	N	30	100	50	N	5	N	50	<10	N	50	N	700
PMK623R2	N	N	30	50	50	N	<5	N	30	10	N	20	N	<100
PMK624R1	N	N	N	30	100	N	15	N	N	10	N	10	N	N
PMK624R2	N	N	<5	70	<5	N	<5	N	5	30	N	30	N	500
PMK624R3	N	N	30	50	50	N	5	N	20	10	N	30	N	500
PMK624R4	N	N	N	70	<5	<20	N	N	5	30	N	50	N	1,000
PMK624R5	N	N	N	20	<5	N	N	N	5	N	N	<5	N	N
PMK625R1	N	N	N	N	<5	N	N	N	5	<10	N	7	N	100
PMK626R1	N	N	N	<10	70	N	N	N	<5	100	N	N	N	N
PMK626R2	N	N	N	<10	1,000	N	N	N	5	70	N	N	N	N
PMK626R3	N	N	N	<10	20	N	N	N	5	<10	N	N	N	500
PMK626R4	N	N	20	N	20	N	N	N	10	10	N	<5	N	N
PMK626R5	N	N	N	20	<5	N	<5	N	<5	50	N	15	N	N
PMK626R6	N	N	N	<10	30	N	N	N	<5	50	N	N	N	N
PMK626R7	N	N	N	<10	10	N	N	N	5	<10	N	5	N	N
PMK626R8	N	N	20	50	70	N	<5	N	10	20	N	20	N	N
PMK626R9	N	N	50	70	100	N	<5	N	20	15	N	30	N	500
PMK629R1	N	N	N	N	<5	N	N	N	5	N	N	N	N	3,000
PMK630R1	N	N	30	30	70	N	N	N	30	10	N	20	N	N
PMK630R2	N	N	10	<10	7	N	10	N	10	N	N	N	N	N
PMK630R3	N	N	20	30	100	N	5	N	10	20	N	20	N	1,000

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Hg-ppm inst	Te-ppm aa	As-ppm aa	Zn-ppm aa	U-ppm f	Au-ppm aa
PMK601R1	50	50	30	N	100	N	.02	--	500	45	--	<.002
PMK601R2	150	N	30	<200	150	N	.02	--	N	25	--	<.002
PMK603R1	200	N	20	<200	50	N	--	--	40	50	--	--
PMK603R2	500	N	30	200	20	N	--	--	20	100	--	--
PMK603R3	200	N	30	<200	100	N	.12	--	10	25	--	N
PMK603R4	70	N	<10	<200	100	N	.60	--	1,000	15	--	N
PMK603R5	150	N	<10	<200	100	N	--	--	700	40	--	--
PMK603R6	20	N	N	<200	50	N	--	--	>2,000	25	--	--
PMK603R7	200	N	20	<200	50	N	.10	--	N	65	--	.008
PMK603R8	50	N	N	<200	N	N	.02	--	10	20	--	.004
PMK604R1	<10	N	N	<200	N	N	N	--	20	15	--	.100
PMK604R2	70	N	N	<200	50	N	.12	--	40	N	--	.008
PMK604R3	<10	N	N	200	N	N	.04	--	N	300	--	.100
PMK604R4	200	N	20	<200	50	N	--	--	N	5	--	--
PMK604R5	20	N	N	<200	N	N	N	--	<10	10	--	.008
PMK605R1	200	N	20	<200	20	N	--	--	10	70	--	--
PMK605R2	200	N	<10	<200	100	N	--	--	500	20	--	--
PMK605R3	200	N	15	<200	70	N	.14	--	1,100	25	--	N
PMK605R4	200	N	20	200	30	N	--	--	30	70	--	--
PMK606R1	300	N	20	<200	50	N	--	--	30	80	--	--
PMK607R1	100	N	30	<200	100	N	--	--	20	60	--	--
PMK607R2	200	N	10	<200	50	N	--	--	30	30	--	--
PMK608R1	200	N	<10	<200	200	N	--	--	N	60	--	--
PMK609R1	70	N	N	<200	200	N	.04	--	40	90	--	N
PMK612R1	100	N	<10	N	100	N	.02	--	N	15	--	N
PMK613R1	200	N	10	<200	100	N	--	--	10	25	--	--
PMK613R2	200	N	10	<200	100	N	.04	--	10	30	--	N
PMK614R1	200	N	20	<200	50	N	.02	--	N	75	--	N
PMK615R1	70	N	<10	<200	100	N	N	--	<10	25	--	N
PMK616R1	200	N	10	<200	100	N	.02	--	N	40	--	N
PMK617R1	200	N	20	<200	150	N	.02	--	200	60	--	N
PMK619R1	300	N	20	200	100	N	1.60	--	N	45	--	N
PMK619R2	300	N	20	<200	100	N	--	--	N	65	--	--
PMK620R1	500	N	20	<200	70	N	.10	--	N	30	--	N
PMK620R2	500	N	15	<200	20	N	.12	--	20	35	--	N
PMK621R1	70	N	N	<200	N	N	--	--	10	15	--	--
PMK622R1	300	N	20	200	100	N	.06	--	N	45	--	.002
PMK622R2	300	N	20	200	50	N	.02	--	40	20	--	.006
PMK622R3	300	N	10	200	50	N	.26	--	600	20	--	N
PMK623R1	500	N	20	<200	50	N	--	--	10	60	--	--
PMK623R2	200	N	30	<200	100	N	.02	--	N	50	--	N
PMK624R1	200	N	10	200	100	N	1.20	--	500	<5	--	<.002
PMK624R2	500	N	30	<200	200	N	.60	--	30	N	--	<.002
PMK624R3	300	N	20	<200	200	N	1.40	--	130	N	--	<.002
PMK624R4	300	N	50	<200	200	N	4.50	--	10	N	--	.044
PMK624R5	10	N	N	<200	700	N	.08	--	N	N	--	.002
PMK625R1	100	N	<10	N	100	N	.20	--	20	10	--	.200
PMK626R1	70	N	N	<200	N	N	.08	--	30	40	--	.150
PMK626R2	50	N	N	3,000	N	N	.50	--	10	1,550	--	<.002
PMK626R3	50	N	N	N	N	N	N	--	N	N	--	.012
PMK626R4	150	N	<10	<200	20	N	.02	--	10	80	--	.014
PMK626R5	150	N	<10	N	70	N	.44	--	60	5	--	.024
PMK626R6	50	N	N	<200	<10	N	.04	--	10	40	--	.022
PMK626R7	100	N	10	N	200	N	.06	--	20	10	--	.004
PMK626R8	200	N	20	<200	100	N	.12	--	70	40	--	.012
PMK626R9	300	N	20	<200	100	N	N	--	<10	60	--	.004
PMK629R1	10	N	N	<200	<10	N	.28	--	N	N	--	N
PMK630R1	200	N	20	<200	100	N	.80	--	30	50	--	N
PMK630R2	150	N	N	<200	N	N	.78	--	100	N	--	.002
PMK630R3	200	N	15	N	150	N	2.10	--	200	35	--	.002

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S	Be-ppm S
PMK630R4	55 10 13	160 46 30	1.00	.02	.05	.010	20	N	N	N	20	100	N
PMK630R5	55 10 13	160 46 30	1.00	.02	<.05	.010	10	N	N	N	20	100	N
PMK630R6	55 10 13	160 46 30	10.00	2.00	5.00	.500	1,000	N	N	N	<10	70	N
PMK630R7	55 10 13	160 46 30	.70	.05	3.00	.030	2,000	N	N	N	50	100	N
PMK630R8	55 10 13	160 46 30	15.00	2.00	.50	.500	1,000	N	N	N	20	500	N
PMK630R9	55 10 13	160 46 30	5.00	.02	1.00	<.002	150	N	N	N	20	20	<1.0
PMK631R1	55 9 55	160 39 8	15.00	<.02	<.05	.500	100	N	N	N	20	30	N
PMK631R2	55 9 55	160 38 8	5.00	3.00	2.00	.500	1,500	N	N	N	<10	500	N
PMK631R3	55 9 55	160 39 8	.10	<.02	<.05	.700	15	N	N	N	30	50	N
PMK631R4	55 9 55	160 39 8	20.00	1.50	1.00	.700	500	N	N	N	15	300	N
PMK631R5	55 9 55	160 39 8	2.00	.02	<.05	>1.000	15	N	N	N	<10	200	N
PMK631R6	55 9 55	160 39 8	.20	<.02	<.05	.300	10	N	N	N	30	20	<1.0
PMK631R7	55 9 55	160 39 8	10.00	.05	.10	.500	200	N	N	N	20	300	N
PMK631R8	55 9 55	160 39 8	.10	<.02	<.05	>1.000	30	N	N	N	50	50	<1.0
PMK631R9	55 9 55	160 39 8	1.00	<.02	<.05	>1.000	20	N	N	N	50	20	N
PMK632R1	55 11 37	160 40 51	3.00	.10	<.05	.200	30	5.0	<200	N	50	100	N
PMK632R2	55 11 37	160 40 51	15.00	<.02	<.05	.700	50	2.0	500	N	<10	<20	N
PMK632R3	55 11 37	160 40 51	1.00	.10	<.05	.300	30	1.0	N	N	70	50	N
PMK632R4	55 11 37	160 40 51	2.00	.05	.20	.150	30	2.0	N	N	50	150	N
PMK632R5	55 11 37	160 40 51	20.00	<.02	<.05	.300	20	10.0	500	N	10	<20	N
PMK632R6	55 11 37	160 40 51	2.00	.03	<.05	1.000	20	N	N	N	50	50	N
PMK633R1	55 35 50	160 29 50	5.00	3.00	1.50	.300	1,500	N	N	N	20	20	N
PMK633R2	55 35 50	160 29 50	5.00	3.00	.20	.500	200	N	N	N	100	200	<1.0
PMK633R3	55 35 50	160 29 50	7.00	3.00	.10	.500	700	N	N	N	50	200	<1.0
PMK633R4	55 35 50	160 29 50	10.00	.10	<.05	.100	30	N	N	N	50	50	<1.0
PMK634R1	55 36 38	160 31 43	10.00	3.00	.05	.500	1,000	N	N	N	20	50	N
PMK634R2	55 36 38	160 31 43	.07	<.02	.05	>1.000	N	N	N	N	<10	50	N
PMK634R3	55 36 38	160 31 43	5.00	<.02	.10	.500	10	N	N	N	<10	150	N
PMK635R1	55 37 8	160 29 15	2.00	.30	.10	.200	50	N	N	N	50	500	1.0
PMK635R2	55 37 8	160 29 15	7.00	2.00	2.00	.500	500	N	N	N	20	100	<1.0
PMK636R1	55 37 6	160 29 24	7.00	3.00	2.00	.500	1,000	N	N	N	20	150	N
PMK636R2	55 37 6	160 29 24	7.00	2.00	3.00	.500	2,000	N	N	N	15	100	N
PMK636R3	55 37 6	160 29 24	10.00	2.00	2.00	.700	1,500	N	N	N	50	700	N
PMK639R1	55 35 52	160 40 42	10.00	2.00	5.00	.500	1,000	N	N	N	200	700	<1.0
PMK641R2	55 40 20	160 53 23	10.00	3.00	3.00	.500	1,000	N	N	N	20	500	N
PMK644R1	55 40 49	160 56 3	5.00	2.00	1.00	.200	1,000	N	N	N	100	500	<1.0
PMK645R1	55 39 8	161 2 29	10.00	2.00	3.00	.500	1,000	N	N	N	50	500	N
PMK645R2	55 39 8	161 2 29	10.00	2.00	.50	.500	1,000	N	N	N	50	700	<1.0
PMK645R3	55 39 8	161 2 29	15.00	2.00	5.00	.500	2,000	N	N	N	100	150	N
PMK645R4	55 39 8	161 2 29	10.00	3.00	3.00	.500	1,500	N	N	N	20	200	N
PMK646R1	55 9 0	159 59 10	5.00	2.00	1.00	.300	700	N	N	N	30	700	1.0
PMK647R1	55 8 3	159 58 35	3.00	1.00	1.00	.300	1,000	2.0	300	N	50	700	2.0
PMK648R1	55 11 12	159 34 20	3.00	1.00	.20	.200	500	N	N	N	100	500	2.0
PMK648R2	55 11 12	159 34 20	7.00	2.00	2.00	.300	2,000	N	N	N	70	500	1.0
PMK648R3	55 11 12	159 34 20	5.00	1.50	1.50	.500	500	N	N	N	20	700	2.0
PMK648R4	55 11 12	159 34 20	10.00	2.00	1.50	.500	700	N	N	N	30	500	1.0
PMK648R5	55 11 12	159 34 20	5.00	2.00	2.00	.500	1,000	N	N	N	20	500	<1.0
PMK648R6	55 11 12	159 34 20	5.00	1.50	.50	.300	500	N	N	N	1,000	700	1.0
PMK649R1	55 3 37	159 22 32	3.00	1.00	.70	.300	700	N	N	N	20	700	1.0
PMW206R1	55 33 39	160 57 49	2.00	.20	.10	.100	700	N	N	N	50	300	<1.0
PMW211R1	55 33 28	160 54 14	7.00	1.00	20.00	.100	>5,000	N	N	N	<10	50	N
PMW212R1	55 37 50	160 54 35	5.00	1.50	.50	.500	200	N	N	N	200	500	N
PMW213R1	55 33 32	160 49 41	5.00	1.50	5.00	.020	1,500	N	N	N	70	100	<1.0
PMW216R1	55 39 8	160 46 29	5.00	2.00	7.00	.100	1,500	N	N	N	70	200	N
PMW225R1	55 37 51	160 42 37	7.00	2.00	.50	.500	1,000	N	N	N	100	70	N
PMW235R1	55 36 14	160 33 15	7.00	.50	<.05	.500	50	N	N	N	200	700	N
PMW237R1	55 35 3	160 32 13	7.00	1.00	1.00	.700	1,000	N	N	N	50	300	N
PMW238R1	55 35 46	160 29 3	7.00	3.00	1.00	.700	1,000	N	N	N	20	700	<1.0
PMW239R1	55 36 28	160 27 33	7.00	1.00	.70	.700	500	N	N	N	10	500	<1.0
PMW241R1	55 48 47	160 1 26	3.00	1.50	.70	.700	2,000	N	N	N	10	500	<1.0

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S
PMK630R4	N	N	N	N	<5	N	N	N	<5	N	N	N	N	N
PMK630R5	N	N	N	<10	<5	N	N	N	<5	N	N	N	N	N
PMK630R6	N	N	50	100	100	N	N	N	50	<10	N	20	N	N
PMK630R7	N	N	10	N	20	N	N	N	5	N	N	N	N	N
PMK630R8	N	N	10	70	100	N	5	N	15	10	N	20	N	N
PMK630R9	N	N	N	N	70	N	<5	N	<5	N	N	N	N	N
PMK631R1	N	N	50	100	100	N	5	N	50	10	N	50	N	500
PMK631R2	N	N	30	50	100	N	<5	N	20	<10	N	30	N	300
PMK631R3	N	N	N	<10	10	N	N	N	<5	N	N	10	N	N
PMK631R4	N	N	15	50	100	N	10	N	7	10	N	20	N	100
PMK631R5	15	N	15	150	30	N	5	N	7	20	N	50	N	500
PMK631R6	N	N	N	<10	<5	N	N	N	<5	N	N	N	N	N
PMK631R7	N	N	30	100	100	N	5	N	50	30	N	30	N	1,000
PMK631R8	N	N	N	10	<5	N	N	N	5	N	N	5	N	N
PMK631R9	N	N	N	20	7	N	N	N	5	N	N	30	N	N
PMK632R1	N	N	20	20	20	N	30	N	10	70	N	5	N	N
PMK632R2	20	N	50	<10	200	N	20	N	70	<10	N	50	N	N
PMK632R3	N	N	<5	20	10	N	7	N	5	N	N	<5	N	N
PMK632R4	N	N	5	<10	10	N	5	N	5	N	N	5	<10	N
PMK632R5	N	N	200	50	500	N	5	N	200	70	N	10	<10	N
PMK632R6	N	N	10	50	70	N	<5	N	10	<10	N	10	<10	700
PMK633R1	N	N	7	N	50	N	5	N	5	<10	N	20	N	700
PMK633R2	N	N	N	30	20	N	<5	N	5	70	N	30	N	100
PMK633R3	N	N	N	10	20	N	5	N	5	20	N	20	100	<100
PMK633R4	N	N	N	<10	70	N	20	N	5	50	N	10	N	N
PMK634R1	N	N	N	100	100	N	5	N	5	<10	N	30	N	N
PMK634R2	N	N	N	500	<5	N	N	N	5	20	N	20	N	1,000
PMK634R3	N	N	20	100	50	N	5	N	15	N	N	10	N	500
PMK635R1	N	N	N	<10	20	N	<5	N	5	100	N	10	N	<100
PMK635R2	N	N	30	10	100	N	<5	N	5	<10	N	20	N	300
PMK636R1	N	N	20	10	50	N	<5	N	5	10	N	15	N	500
PMK636R2	N	N	30	30	15	N	<5	N	10	10	N	50	N	500
PMK636R3	N	N	50	20	50	N	<5	N	15	10	N	20	N	500
PMK639R1	N	N	30	20	200	N	<5	N	20	10	N	20	N	500
PMK641R2	N	N	50	200	70	N	<5	N	50	<10	N	20	N	500
PMK644R1	N	N	10	N	30	N	<5	N	5	<10	N	10	N	200
PMK645R1	N	N	50	<10	100	N	<5	N	5	20	N	30	N	1,000
PMK645R2	N	N	50	100	100	N	<5	N	100	15	N	20	N	100
PMK645R3	N	N	30	10	10	N	<5	N	5	10	N	20	N	500
PMK645R4	N	N	50	10	70	N	<5	N	15	<10	N	30	N	500
PMK646R1	N	N	20	100	20	N	5	N	20	50	N	15	N	200
PMK647R1	N	N	<5	20	100	<20	N	N	10	100	N	15	100	100
PMK648R1	N	N	10	50	30	N	N	N	20	30	N	10	N	N
PMK648R2	N	N	30	70	100	N	<5	N	50	15	N	15	N	500
PMK648R3	N	N	20	70	5	<20	N	N	20	20	N	20	N	100
PMK648R4	N	N	50	150	200	N	<5	N	50	20	N	20	N	300
PMK648R5	N	N	10	100	50	N	<5	N	20	10	N	20	N	500
PMK648R6	N	N	50	100	50	N	N	N	100	10	N	30	30	200
PMK649R1	N	N	20	100	7	<20	N	N	20	30	N	10	N	100
PMW206R1	N	N	5	10	10	N	N	N	10	50	N	5	N	N
PMW211R1	N	N	50	20	70	N	N	N	5	70	N	20	N	500
PMW212R1	N	N	50	50	50	N	N	N	50	20	N	15	N	500
PMW213R1	N	N	<5	<10	20	N	N	N	5	10	N	<5	N	500
PMW216R1	N	N	<5	10	10	N	N	N	10	50	N	10	N	1,000
PMW225R1	N	N	15	50	200	N	N	N	20	20	N	15	N	N
PMW235R1	N	N	N	20	30	N	5	N	5	50	N	20	N	N
PMW237R1	N	N	30	100	100	N	5	N	20	10	N	15	N	500
PMW238R1	N	N	20	<10	70	N	N	N	5	70	N	20	N	500
PMW239R1	N	N	<5	<10	5	N	5	<20	<5	100	N	15	N	500
PMW241R1	N	N	50	70	30	N	N	N	20	50	N	20	N	300

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Hg-ppm inst	Te-ppm aa	As-ppm aa	Zn-ppm aa	U-ppm f	Au-ppm aa
PMK630R4	50	N	N	<200	N	N	.14	--	30	<5	--	<.002
PMK630R5	50	N	N	<200	N	N	.40	--	30	50	--	<.002
PMK630R6	200	N	20	<200	50	N	.10	--	10	5	--	<.002
PMK630R7	50	N	N	<200	<10	N	.44	--	60	20	--	<.002
PMK630R8	200	N	10	<200	100	N	.10	--	N	5	--	.002
PMK630R9	200	N	N	<200	N	N	.30	--	40	10	--	.002
PMK631R1	500	N	20	<200	150	N	.10	--	10	N	--	.002
PMK631R2	300	N	20	N	100	N	.02	--	20	60	--	<.002
PMK631R3	20	N	N	<200	150	N	.02	--	N	N	--	.004
PMK631R4	300	N	20	200	100	N	.02	--	30	25	--	.006
PMK631R5	500	N	50	<200	20	N	3.20	--	20	N	--	.008
PMK631R6	10	N	N	<200	100	N	.16	--	N	N	--	<.002
PMK631R7	300	N	10	<200	200	N	.50	--	20	15	--	<.002
PMK631R8	10	N	N	<200	200	N	N	--	N	N	--	N
PMK631R9	50	N	<10	<200	200	N	.44	--	10	N	--	.004
PMK632R1	200	N	N	N	50	N	N	--	120	15	--	.300
PMK632R2	20	N	30	<200	500	N	.04	--	200	N	--	.200
PMK632R3	100	N	N	N	100	N	N	--	80	N	--	.012
PMK632R4	100	N	N	N	50	N	.02	--	100	N	--	.012
PMK632R5	50	N	N	500	10	N	>6.00	--	150	35	--	.150
PMK632R6	200	N	N	N	200	N	.04	--	20	N	--	.050
PMK633R1	200	N	<10	<200	100	N	.02	--	N	120	--	<.002
PMK633R2	500	N	30	<200	200	N	.04	--	10	5	--	<.002
PMK633R3	200	N	20	<200	200	N	.04	--	N	30	--	<.002
PMK633R4	150	N	N	200	30	N	.06	--	80	35	--	.020
PMK634R1	300	N	10	200	200	N	.04	--	30	25	--	.010
PMK634R2	500	N	N	<200	200	N	.20	--	N	N	--	.002
PMK634R3	200	N	N	<200	150	N	.10	--	10	N	--	N
PMK635R1	150	N	15	<200	150	N	.04	--	N	15	--	.004
PMK635R2	200	N	20	<200	150	N	.02	--	N	35	--	.002
PMK636R1	200	N	20	<200	100	N	.02	--	N	50	--	<.002
PMK636R2	500	N	20	200	100	N	.04	--	N	50	--	N
PMK636R3	200	N	30	200	150	N	.16	--	N	120	--	<.002
PMK639R1	300	N	20	<200	150	N	.08	--	20	40	--	N
PMK641R2	200	N	15	200	100	N	.02	--	N	30	--	N
PMK644R1	100	N	15	<200	100	N	.02	--	30	30	--	<.002
PMK645R1	200	N	50	<200	200	N	N	--	N	55	--	N
PMK645R2	300	N	20	200	150	N	N	--	10	115	--	<.002
PMK645R3	200	N	20	200	150	N	.04	--	N	65	--	.002
PMK645R4	500	N	20	200	50	N	.02	--	N	60	--	<.002
PMK646R1	100	N	30	<200	200	N	.02	--	300	80	--	.002
PMK647R1	50	N	30	<200	100	N	.18	--	400	35	--	.050
PMK648R1	100	N	30	<200	100	N	.10	--	10	20	--	<.002
PMK648R2	100	N	30	<200	200	N	.08	--	N	45	--	.002
PMK648R3	100	N	30	<200	200	N	.08	--	N	50	--	N
PMK648R4	200	N	20	<200	200	N	.02	--	20	90	--	<.002
PMK648R5	200	N	20	<200	200	N	.02	--	10	35	--	N
PMK648R6	200	N	20	<200	100	N	.10	--	N	35	--	.006
PMK649R1	70	N	30	N	100	N	.10	--	10	55	--	.150
PMW206R1	50	N	<10	N	20	N	.12	--	<10	35	--	<.002
PMW211R1	150	N	100	N	50	N	.14	--	10	40	--	.002
PMW212R1	100	N	30	N	100	N	.04	--	20	45	--	.004
PMW213R1	20	N	10	N	<10	N	.06	--	10	40	--	N
PMW216R1	50	N	20	N	20	N	.04	--	<10	40	--	N
PMW225R1	100	N	30	<200	100	N	.08	--	10	120	--	.002
PMW235R1	300	N	30	N	200	N	.02	--	<10	<5	--	.002
PMW237R1	150	N	30	N	200	N	.02	--	<10	15	--	N
PMW238R1	200	N	30	N	200	N	.02	--	<10	50	--	.002
PMW239R1	200	N	20	N	200	N	.04	--	<10	15	--	.002
PMW241R1	300	N	30	N	150	N	.02	--	<10	65	--	N

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S	Be-ppm S
PMW243R1	55 49 19	160 4 46	5.00	.50	.20	.700	200	N	N	N	<10	1,500	2.0
PMW244R2	55 50 57	160 8 32	1.50	1.00	1.50	1.000	1,000	N	N	N	10	700	1.0
PMW244R3	55 50 57	160 8 32	5.00	.02	.05	.700	20	N	N	N	10	700	N
PMW245R1	55 49 46	160 16 25	5.00	<.02	<.05	1.000	10	N	N	N	<10	700	<1.0
PMW246R1	55 47 50	160 13 56	1.50	1.00	.50	1.000	500	N	N	N	10	700	1.0
PMW265R1	55 46 0	160 15 32	5.00	1.50	1.50	.700	700	N	N	N	<10	300	N
PMW266R1	55 45 46	160 24 54	3.00	1.00	1.00	1.000	700	N	N	N	20	1,000	N
PMW268R1	55 46 46	160 27 52	5.00	.30	2.00	.500	200	N	N	N	30	1,500	2.0
PMW274R1	55 19 8	160 36 0	5.00	1.50	1.00	.300	1,000	N	N	N	<10	200	<1.0
PMW280R1	55 14 20	160 35 24	.70	.50	.05	.200	30	N	N	N	<10	1,500	N
PMW283R1	55 13 17	160 32 0	2.00	.05	<.05	.700	70	2.0	N	N	20	50	N
PMW284R1	55 13 40	160 33 41	3.00	1.50	1.00	.500	1,000	N	N	N	20	1,000	<1.0
PMW286R1	55 12 0	160 35 32	.70	.03	<.05	1.000	100	1.0	N	N	50	500	N
PMW287R1	55 11 58	160 35 27	.50	.20	.70	.200	100	N	N	N	50	2,000	1.0
PMW287R2	55 11 58	160 35 27	.30	.20	1.00	.100	100	N	N	N	30	1,500	1.0
PMW291R1	55 15 51	160 37 17	5.00	2.00	2.00	.500	1,500	N	N	N	20	500	<1.0
PMW292R1	55 16 39	160 38 9	3.00	2.00	2.00	.500	1,000	N	N	N	10	50	N
PMW293R1	55 15 22	160 42 25	10.00	.30	.70	.300	100	.5	200	N	50	1,000	<1.0
PMW294R1	55 14 42	160 42 40	3.00	.20	.70	.500	500	N	N	N	50	1,000	1.0
PMW294R2	55 14 42	160 42 40	5.00	1.50	2.00	.500	1,000	N	N	N	50	1,500	N
PMW295R1	55 14 18	160 44 6	1.00	.10	1.00	.300	100	N	N	N	20	1,000	1.0
PMW300R1	55 12 13	160 47 21	1.00	.10	.70	.500	200	N	N	N	50	1,000	1.5
PMW304R1	55 10 12	160 39 28	5.00	2.00	3.00	.700	1,000	N	N	N	20	1,500	N
PMW304R2	55 10 12	160 39 28	2.00	.05	<.05	.700	70	N	N	N	30	300	N
PMW306R1	55 13 14	160 35 29	5.00	3.00	3.00	.700	1,000	N	N	N	20	1,000	N
PMW320R1	55 31 39	160 55 35	1.00	.10	<.05	.010	700	N	N	N	30	70	N
PMW322R1	55 30 58	160 47 49	2.00	1.00	1.00	.500	200	N	N	N	10	700	<1.0
PMW322R2	55 30 58	160 47 49	7.00	2.00	2.00	.700	1,000	N	N	N	10	500	<1.0
PMW339R1	55 36 33	160 48 26	3.00	2.00	2.00	.100	1,000	N	N	N	30	500	<1.0
PMW348R1	55 27 32	160 44 10	3.00	1.00	1.50	.500	500	N	N	N	10	500	<1.0
PMW354R1	55 57 45	159 48 20	5.00	.30	1.50	.700	500	N	N	N	20	500	<1.0
PMW355R1	55 57 47	159 48 10	5.00	2.00	1.50	.500	1,000	N	N	N	20	1,000	<1.0
PMW360R1	55 55 37	159 52 50	7.00	<.02	.20	.500	20	N	N	N	100	1,000	N
PMW367R1	55 49 30	159 56 48	10.00	2.00	1.50	.700	1,000	N	N	N	<10	500	N
PMW369R2	55 51 9	160 1 45	20.00	1.50	.70	.500	500	N	N	N	500	500	<1.0
PMW374R1	55 43 50	160 18 6	5.00	1.50	1.00	1.000	1,000	N	N	N	20	1,000	<1.0
PMW377R1	55 41 46	160 36 0	7.00	2.00	1.00	.700	300	N	N	N	20	200	1.0
PMW379R1	55 31 57	160 33 47	7.00	2.00	1.50	.700	300	N	N	N	<10	200	<1.0
PMW388R1	55 33 41	161 59 20	7.00	2.00	2.00	1.000	1,000	N	N	N	<10	300	<1.0
PMW391R1	55 28 38	161 59 54	7.00	.20	.20	.700	500	N	N	N	100	200	N
PMW401R1	55 51 22	160 12 35	7.00	.70	.20	.500	200	N	N	N	70	500	<1.0
PMW402R1	55 51 19	160 12 30	10.00	.02	<.05	.500	20	N	<200	N	100	1,000	N
PMW410R1	55 57 22	160 7 48	10.00	3.00	.50	.700	1,000	N	N	N	20	1,500	2.0
PMW412R1	55 58 50	160 2 35	3.00	.02	<.05	.700	70	N	N	N	10	<20	N
PMW414R1	55 54 31	160 8 23	3.00	.50	.10	.700	500	N	N	N	<10	500	1.0
PMY427R1	55 49 19	158 53 47	10.00	2.00	3.00	1.000	500	N	N	N	200	150	1.0
PMY428R1	55 51 35	158 52 25	7.00	1.50	1.00	.700	500	N	N	N	150	700	1.0
PMY429R1	55 51 29	158 45 15	7.00	.70	.20	.700	500	N	N	N	200	500	1.0
PMY434R1	55 52 3	159 9 0	5.00	2.00	5.00	.700	1,000	N	N	N	150	50	<1.0
PMY438R1	55 54 11	159 19 16	5.00	1.00	.70	.700	700	N	N	N	100	500	1.5
PMY440R1	55 46 40	159 17 27	7.00	1.50	2.00	.500	1,000	N	N	N	70	2,000	1.5
PMY443R1	55 51 49	159 26 23	7.00	2.00	1.50	1.000	500	N	N	N	100	1,500	1.5
PMY444R1	55 53 4	159 27 27	10.00	2.00	1.50	.500	1,000	N	N	N	20	500	1.0
PMY445R1	55 53 52	159 26 7	15.00	1.50	1.00	.500	300	5.0	N	N	10	1,500	1.5
PMY445R2	55 53 52	159 26 7	5.00	.50	<.05	.300	10	N	N	N	30	500	1.0
PMY446R1	55 54 42	159 28 12	7.00	1.50	2.00	.500	1,000	N	N	N	200	200	1.0
PMY459R1	55 9 36	159 57 45	7.00	2.00	1.50	.500	1,000	N	N	N	50	1,000	1.0
PMY462R1	55 10 32	159 51 12	10.00	3.00	.50	.700	1,000	N	N	N	70	700	1.0
PMY470R1	55 5 3	159 59 59	10.00	2.00	1.50	.700	1,500	<.5	N	N	20	700	<1.0
PMY478R1	55 4 43	159 47 18	10.00	1.50	.30	.700	1,000	N	N	N	150	700	1.0

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S
PMW243R1	N	N	N	10	5	N	10	N	<5	<10	N	15	N	300
PMW244R2	N	N	15	10	20	N	<5	N	5	20	N	30	N	300
PMW244R3	N	N	15	10	50	N	10	N	5	20	N	20	N	300
PMW245R1	N	N	N	<10	<5	N	N	N	<5	20	N	10	N	300
PMW246R1	N	N	10	<10	<5	N	5	N	<5	<10	N	20	N	300
PMW265R1	N	N	30	30	50	N	N	N	10	10	N	20	N	500
PMW266R1	N	N	20	50	30	N	<5	N	7	10	N	30	N	500
PMW268R1	N	N	10	<10	20	N	5	N	15	10	N	10	N	1,500
PMW274R1	N	N	10	<10	30	N	N	N	7	<10	N	15	N	500
PMW280R1	N	N	N	<10	10	N	<5	N	5	<10	N	7	N	N
PMW283R1	20	N	50	<10	100	N	N	N	15	50	100	5	N	N
PMW284R1	N	N	20	10	20	N	N	N	5	50	N	20	N	500
PMW286R1	<10	N	N	10	15	N	10	N	5	70	N	10	N	700
PMW287R1	N	N	N	N	<5	20	N	N	<5	50	N	5	N	500
PMW287R2	N	N	N	<10	<5	N	N	N	<5	10	N	<5	N	500
PMW291R1	N	N	20	<10	100	N	N	N	5	20	N	20	N	500
PMW292R1	N	N	20	20	100	N	N	N	10	20	N	30	N	500
PMW293R1	N	N	20	20	20	N	N	N	5	70	N	15	N	300
PMW294R1	N	N	10	20	5	N	N	N	5	50	N	15	N	300
PMW294R2	N	N	30	70	50	N	N	N	15	20	N	20	N	700
PMW295R1	N	N	N	20	<5	N	N	N	<5	10	N	10	N	500
PMW300R1	N	N	<5	20	<5	<20	<5	N	<5	30	N	15	N	300
PMW304R1	N	N	20	30	100	N	N	N	15	30	N	50	N	500
PMW304R2	N	N	N	20	50	N	10	N	<5	10	N	15	N	500
PMW306R1	N	N	50	50	100	N	N	N	20	30	N	30	N	500
PMW320R1	N	N	N	10	<5	N	N	N	5	<10	N	N	N	N
PMW322R1	N	N	10	10	5	N	<5	<20	<5	<10	N	15	N	500
PMW322R2	N	N	30	20	7	N	N	N	5	<10	N	30	N	500
PMW339R1	N	N	5	10	50	N	15	N	10	<10	N	7	N	700
PMW348R1	N	N	5	10	<5	N	15	N	7	<10	N	10	N	500
PMW354R1	N	N	5	10	7	N	N	N	<5	20	N	20	N	700
PMW355R1	N	N	20	<10	20	N	N	N	<5	10	N	20	N	700
PMW360R1	N	N	20	50	150	N	N	N	20	50	N	20	N	1,000
PMW367R1	N	N	50	50	200	N	N	N	15	20	N	30	N	500
PMW369R2	N	N	100	50	150	N	N	N	70	100	N	20	N	300
PMW374R1	N	N	10	20	20	N	N	<20	<5	20	N	30	N	700
PMW377R1	N	N	20	100	200	N	N	N	20	20	N	30	N	300
PMW379R1	N	N	20	30	70	N	N	N	5	10	N	30	N	700
PMW388R1	N	N	30	10	50	N	N	N	<5	10	N	30	N	500
PMW391R1	N	N	30	50	100	N	N	N	5	<10	N	30	N	500
PMW401R1	N	N	20	100	10	N	N	N	20	<10	N	15	N	1,000
PMW402R1	N	N	N	<10	500	N	N	<20	<5	70	N	5	N	200
PMW410R1	N	N	30	200	20	N	5	N	50	20	N	20	N	500
PMW412R1	N	N	10	<10	70	N	5	N	5	<10	N	5	N	N
PMW414R1	N	N	<5	<10	<5	N	<5	N	<5	15	N	20	N	500
PMY427R1	N	N	100	100	70	N	5	N	150	<10	N	50	N	500
PMY428R1	N	N	50	30	100	N	N	N	15	<10	N	30	N	500
PMY429R1	N	N	70	30	200	20	<5	N	50	<10	N	50	N	N
PMY434R1	N	N	70	300	100	<20	<5	N	70	10	N	70	N	300
PMY438R1	N	N	30	100	30	<20	<5	<20	50	50	N	20	N	500
PMY440R1	N	N	50	200	100	N	<5	N	70	20	N	30	N	300
PMY443R1	N	N	50	200	300	20	15	<20	100	N	N	30	N	300
PMY444R1	N	N	20	70	100	<20	N	N	10	20	N	20	N	500
PMY445R1	N	N	70	70	1,500	20	100	N	50	20	N	20	N	300
PMY445R2	N	N	<5	20	50	200	10	N	10	N	N	10	20	N
PMY446R1	N	N	20	10	70	N	5	N	10	50	N	20	N	200
PMY459R1	N	N	30	100	50	N	N	N	50	20	N	20	N	500
PMY462R1	N	N	30	100	50	N	N	N	50	50	N	20	N	500
PMY470R1	N	N	50	150	100	N	N	N	70	30	N	20	N	500
PMY478R1	N	N	20	150	30	N	N	N	30	30	N	20	N	300

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Hg-ppm inst	Te-ppm aa	As-ppm aa	Zn-ppm aa	U-ppm f	Au-ppm aa
PMW243R1	50	N	50	N	300	N	.02	--	10	30	--	N
PMW244R2	150	N	50	N	200	N	.04	--	<10	75	--	N
PMW244R3	150	N	20	N	200	N	.04	--	30	<5	--	N
PMW245R1	100	N	20	N	200	N	.14	--	30	5	--	N
PMW246R1	100	N	70	N	200	N	.02	--	<10	15	--	N
PMW265R1	300	N	50	N	150	N	.16	--	10	40	--	N
PMW266R1	300	N	50	N	150	N	.02	--	<10	55	--	N
PMW268R1	50	N	20	<200	100	N	N	--	10	65	--	N
PMW274R1	200	N	20	N	100	N	.02	--	<10	80	--	N
PMW280R1	50	N	20	N	150	N	.60	--	50	15	--	<.002
PMW283R1	20	N	N	N	100	N	>10.00	--	90	<5	--	.002
PMW284R1	100	N	20	N	100	N	.14	--	30	70	--	.004
PMW286R1	50	N	10	N	150	N	3.70	--	30	5	--	.004
PMW287R1	20	N	20	N	150	N	.04	--	<10	15	--	N
PMW287R2	15	N	15	N	150	N	.04	--	50	5	--	N
PMW291R1	200	N	30	N	100	N	.02	--	<10	130	--	<.002
PMW292R1	200	N	30	N	100	N	.02	--	10	50	--	.002
PMW293R1	100	N	15	N	100	N	.12	--	400	20	--	N
PMW294R1	100	N	20	N	150	N	.02	--	20	40	--	N
PMW294R2	200	N	30	N	100	N	.02	--	10	40	--	N
PMW295R1	100	N	20	N	100	N	.02	--	10	15	--	N
PMW300R1	20	N	30	N	200	N	.02	--	<10	20	--	N
PMW304R1	500	N	20	N	150	N	.02	--	20	60	--	N
PMW304R2	20	N	<10	N	100	N	4.10	--	20	<5	--	N
PMW306R1	300	N	50	N	200	N	.12	--	<10	70	--	N
PMW320R1	10	N	N	N	N	N	.04	--	<10	25	--	N
PMW322R1	100	N	20	N	200	N	.04	--	<10	10	--	N
PMW322R2	300	N	50	N	200	N	.02	--	<10	65	--	N
PMW339R1	50	N	20	1,500	10	N	.24	--	10	830	--	.002
PMW348R1	100	N	20	N	150	N	.02	--	<10	20	--	.002
PMW354R1	300	N	30	N	150	N	1.10	--	30	10	--	.004
PMW355R1	150	N	50	N	200	N	.06	--	<10	40	--	<.002
PMW360R1	300	N	10	N	100	N	.04	--	20	5	--	N
PMW367R1	500	N	30	N	100	N	.02	--	<10	45	--	.002
PMW369R2	300	N	30	200	100	N	.02	--	<10	150	--	.042
PMW374R1	200	N	70	N	300	N	.04	--	20	70	--	<.002
PMW377R1	300	N	50	N	200	N	.02	--	<10	50	--	.002
PMW379R1	300	N	50	N	100	N	.04	--	<10	130	--	N
PMW388R1	500	N	50	N	100	N	.02	--	<10	30	--	N
PMW391R1	500	N	10	N	100	N	.34	--	<10	5	--	N
PMW401R1	200	N	20	N	100	N	.38	--	30	30	--	.014
PMW402R1	50	N	10	N	500	N	.12	--	70	<5	--	N
PMW410R1	200	N	50	<200	150	N	N	--	10	65	--	N
PMW412R1	15	N	15	N	100	N	.02	--	30	5	--	N
PMW414R1	50	N	50	N	200	N	.02	--	10	20	--	N
PMY427R1	200	N	50	<200	300	N	N	--	10	10	--	.004
PMY428R1	200	N	50	N	200	N	N	--	10	10	--	N
PMY429R1	200	N	50	<200	200	N	N	--	<10	20	--	N
PMY434R1	500	N	20	<200	100	N	.22	--	20	45	--	N
PMY438R1	200	N	50	<200	300	N	.32	--	10	80	--	.006
PMY440R1	200	N	30	<200	50	N	>10.00	--	20	60	--	.026
PMY443R1	300	N	50	<200	300	N	.02	--	<10	10	--	.002
PMY444R1	200	N	30	<200	200	N	.04	--	<10	30	--	N
PMY445R1	150	N	50	<200	200	N	N	--	<10	130	--	.042
PMY445R2	150	N	50	<200	150	N	N	--	<10	<5	--	N
PMY446R1	200	N	30	<200	150	N	2.60	--	20	60	--	N
PMY459R1	200	N	50	<200	200	N	.02	--	20	70	--	N
PMY462R1	200	N	50	<200	200	N	.08	--	10	90	--	.002
PMY470R1	200	N	50	<200	200	N	.02	--	10	100	--	N
PMY478R1	200	N	50	<200	200	N	.08	--	10	90	--	.002

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	Au-ppm S	B-ppm S	Ba-ppm S	Be-ppm S
PMY481R1	55 4 43	159 38 26	10.00	3.00	1.50	1.000	1,500	N	N	N	150	1,000	2.0
PMY492R1	55 30 10	160 57 10	10.00	1.50	.50	1.000	700	<.5	N	N	30	100	1.0
PMY495R1	55 22 30	160 33 51	7.00	1.00	3.00	.700	1,000	N	N	N	20	300	<1.0
PMY498R1	55 5 12	161 35 35	7.00	5.00	1.50	.500	1,000	N	N	N	10	100	<1.0
PMY508R1	55 10 42	161 49 39	7.00	2.00	1.50	.500	500	N	N	N	50	100	<1.0
PMY509R1	55 2 52	161 56 18	7.00	2.00	.20	.700	1,000	N	N	N	15	300	<1.0
PMY512R1	55 20 57	161 50 30	10.00	2.00	3.00	.700	1,000	N	N	N	20	300	<1.0
PMY515R1	55 36 34	161 16 34	10.00	1.00	2.00	.500	1,000	N	N	N	20	500	<1.0
PMY517R1	55 35 5	161 14 40	10.00	2.00	2.00	1.000	1,500	N	N	N	30	700	<1.0
PMY519R1	55 43 52	161 54 7	5.00	1.00	1.50	.300	1,000	N	N	N	15	500	<1.0
PMY519R2	55 43 52	161 54 7	15.00	.20	.10	.200	70	N	N	N	10	500	<1.0
PMY539R1	55 36 0	160 54 54	7.00	2.00	.50	.300	1,000	N	N	N	70	500	1.0
PMY542R1	55 37 53	160 56 4	7.00	3.00	2.00	.300	1,000	N	N	N	50	1,000	1.5
PMY543R1	55 38 1	160 56 3	7.00	2.00	1.50	.700	200	N	N	N	1,000	700	2.0
PMY543R2	55 38 1	160 56 3	7.00	2.00	5.00	.500	1,000	N	N	N	50	500	1.5
PMY543R3	55 38 1	160 56 3	7.00	2.00	2.00	1.000	500	N	N	N	50	300	<1.0
PMY545R1	55 38 50	160 45 43	10.00	3.00	7.00	.020	1,000	N	N	N	20	70	N
PMY546R1	55 38 58	160 46 10	10.00	5.00	7.00	.500	1,000	N	N	N	20	300	1.0
PMY548R1	55 39 25	160 54 44	2.00	1.00	1.50	.200	1,000	N	N	N	30	1,000	2.0
PMY549R1	55 40 27	160 54 27	10.00	3.00	5.00	.500	1,500	<.5	N	N	30	500	1.0
PMY549R2	55 40 27	160 54 27	10.00	2.00	1.00	1.000	700	<.5	N	N	1,000	1,000	1.5
PMY551R1	55 37 7	161 7 0	7.00	2.00	5.00	.500	1,000	N	N	N	20	300	1.5
PMY551R2	55 37 7	161 7 0	7.00	1.50	2.00	.300	150	N	N	N	100	1,000	1.5
PMY552R1	55 36 10	161 10 45	10.00	3.00	7.00	.500	1,000	N	N	N	20	300	1.0
PMY555R1	55 48 40	159 55 4	10.00	1.50	.30	.700	1,000	7.0	2,000	N	50	500	<1.0
PMY556R1	55 50 5	159 56 15	7.00	1.50	2.00	.500	1,500	<.5	N	N	50	700	2.0
PMY560R1	55 34 52	160 53 52	--	--	--	--	--	--	--	--	--	--	--
PMY560R2	55 34 52	160 53 52	7.00	2.00	10.00	.300	3,000	N	N	N	100	500	1.5
PMY563R1	55 36 20	161 4 2	7.00	1.50	1.50	.300	1,000	<.5	N	N	200	300	1.0
PMY564R1	55 36 26	161 3 55	7.00	2.00	1.00	1.000	1,000	<.5	N	N	50	1,000	<1.0
PMY564R2	55 36 26	161 3 55	7.00	2.00	2.00	.500	1,500	N	N	N	200	700	<1.0
PMY566R1	55 46 45	160 28 43	7.00	1.50	3.00	.700	500	<.5	N	N	50	500	<1.0
PMY568R1	55 33 11	160 38 38	7.00	1.50	3.00	.700	200	N	N	N	20	500	1.0
PMY570R1	55 40 59	160 29 5	--	--	--	--	--	--	--	--	--	--	--
PMY571R1	55 37 40	160 24 20	1.00	.70	20.00	.150	3,000	N	N	N	<10	<20	<1.0
PMY572R1	55 36 8	160 23 45	7.00	1.50	5.00	.700	1,000	N	N	N	10	500	1.5
PMY573R1	55 34 52	160 29 24	10.00	5.00	2.00	.700	2,000	N	N	N	50	300	1.0
PMY573R2	55 34 52	160 29 24	10.00	5.00	3.00	1.000	2,000	N	N	N	50	500	<1.0

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	Bi-ppm S	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Nb-ppm S	Ni-ppm S	Pb-ppm S	Sb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S
PMY481R1	N	N	30	300	100	<20	N	<20	100	50	N	30	N	200
PMY492R1	N	N	20	<10	20	N	N	N	5	10	N	50	N	<100
PMY495R1	N	N	50	50	20	N	N	N	7	10	N	50	N	1,000
PMY498R1	N	N	50	200	20	N	N	N	70	30	N	50	N	1,000
PMY508R1	N	N	50	20	100	N	<5	N	10	10	N	20	N	500
PMY509R1	N	N	20	20	10	N	15	N	5	10	N	50	N	200
PMY512R1	N	N	50	30	50	N	N	N	7	<10	N	50	N	1,000
PMY515R1	N	N	20	30	20	N	N	N	15	<10	N	20	N	1,000
PMY517R1	N	N	50	20	100	N	N	N	15	50	N	50	N	1,000
PMY519R1	N	N	10	70	7	N	N	N	15	N	N	20	N	500
PMY519R2	N	N	N	30	50	N	20	N	10	<10	N	15	N	<100
PMY539R1	N	N	20	70	20	N	N	N	50	10	N	10	N	<100
PMY542R1	N	N	20	70	100	N	5	N	50	10	N	15	N	500
PMY543R1	N	N	20	100	20	N	N	N	30	30	N	15	N	500
PMY543R2	N	N	5	<10	30	N	N	N	5	15	N	15	N	700
PMY543R3	N	N	20	500	20	20	5	<20	50	15	N	20	N	200
PMY545R1	N	N	N	<10	<5	N	<5	N	15	15	N	N	N	700
PMY546R1	N	N	30	300	50	N	N	N	50	10	N	50	N	1,000
PMY548R1	N	N	5	<10	7	N	N	N	5	10	N	5	N	500
PMY549R1	N	N	30	70	20	N	N	N	20	30	N	20	N	500
PMY549R2	N	N	20	200	30	N	<5	N	50	50	N	30	N	300
PMY551R1	N	N	20	10	15	N	<5	N	7	10	N	20	N	500
PMY551R2	N	N	20	<10	<5	N	<5	N	5	20	N	10	N	500
PMY552R1	N	N	20	10	30	N	N	N	5	10	N	20	N	500
PMY555R1	N	N	70	70	100	N	20	N	50	100	200	30	N	200
PMY556R1	N	N	20	20	50	N	N	N	10	20	N	15	N	1,000
PMY560R1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PMY560R2	N	N	30	150	50	N	N	N	70	50	N	20	N	500
PMY563R1	N	N	20	10	20	N	N	N	5	50	N	15	N	500
PMY564R1	N	N	50	150	100	20	<5	<20	70	50	N	20	N	500
PMY564R2	N	N	50	70	20	N	N	N	20	<10	N	20	N	1,000
PMY566R1	N	N	50	10	100	N	<5	N	10	30	N	30	N	700
PMY568R1	N	N	20	20	30	N	<5	<20	5	10	N	20	N	500
PMY570R1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PMY571R1	N	N	<5	15	200	N	N	N	5	20	N	15	N	500
PMY572R1	N	N	30	<10	15	N	<5	<20	10	<10	N	20	N	700
PMY573R1	N	N	50	30	50	N	N	N	15	50	N	30	N	700
PMY573R2	N	N	50	50	70	N	N	N	20	50	N	50	N	700

Table 5. Analyses of rock samples from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska--Continued

Sample	V-ppm s	W-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Th-ppm s	Hg-ppm inst	Te-ppm aa	As-ppm aa	Zn-ppm aa	U-ppm f	Au-ppm aa
PMY481R1	300	N	100	<200	200	N	.04	--	40	130	--	.002
PMY492R1	200	N	70	<200	200	N	.06	--	20	80	--	.004
PMY495R1	500	N	30	<200	70	N	N	--	10	45	--	N
PMY498R1	300	N	20	<200	70	N	N	--	30	30	--	N
PMY508R1	200	N	50	<200	100	N	N	--	10	20	--	.004
PMY509R1	200	N	50	<200	200	N	N	--	20	50	--	.004
PMY512R1	500	N	50	200	100	N	.06	--	10	85	--	N
PMY515R1	200	N	20	<200	70	N	.22	--	20	80	--	N
PMY517R1	700	N	70	<200	200	N	.02	--	<10	90	--	N
PMY519R1	200	N	20	<200	100	N	.02	--	<10	20	--	N
PMY519R2	100	N	N	200	20	N	.44	--	90	5	--	N
PMY539R1	150	N	20	<200	70	N	N	--	10	80	.20	N
PMY542R1	200	N	30	<200	100	N	N	--	<10	50	--	.076
PMY543R1	200	N	15	N	100	N	N	--	10	20	--	.012
PMY543R2	150	N	30	<200	100	N	N	--	20	80	--	N
PMY543R3	150	N	20	N	200	N	N	--	10	100	--	.002
PMY545R1	30	N	10	300	N	N	.02	--	10	200	--	N
PMY546R1	200	N	30	<200	70	N	N	--	10	55	--	N
PMY548R1	50	N	30	N	100	N	N	--	10	50	--	N
PMY549R1	150	N	30	<200	100	N	N	--	50	75	--	.012
PMY549R2	200	N	30	<200	150	N	N	--	40	50	--	.042
PMY551R1	150	N	30	<200	100	N	N	--	<10	75	--	.016
PMY551R2	50	N	30	N	150	N	.02	--	20	10	--	N
PMY552R1	200	N	30	<200	100	N	N	--	10	20	--	N
PMY555R1	300	N	30	<200	150	N	.35	--	2,200	80	--	N
PMY556R1	200	N	30	<200	150	N	.08	--	10	40	--	.006
PMY560R1	--	--	--	--	--	--	--	--	--	--	.30	--
PMY560R2	200	N	50	<200	150	N	.02	--	20	70	.25	.006
PMY563R1	100	N	50	<200	100	N	N	--	10	45	--	N
PMY564R1	200	N	50	N	200	N	N	--	80	30	--	.006
PMY564R2	200	N	20	<200	100	N	.04	--	10	55	--	N
PMY566R1	300	N	50	<200	150	N	N	--	10	60	--	N
PMY568R1	200	N	50	<200	200	N	.02	--	10	50	--	N
PMY570R1	--	--	--	--	--	--	--	--	--	--	.10	--
PMY571R1	50	N	50	N	<10	N	N	--	<10	10	--	N
PMY572R1	150	N	20	N	200	N	N	--	10	50	--	N
PMY573R1	300	N	50	<200	200	N	N	--	10	80	--	N
PMY573R2	500	N	50	<200	200	N	N	--	10	75	--	N

TABLE 6.--Field description of rock samples

[O = outcrop; C = stream or beach cobble; F = float; S = hot spring]

Field No.		Name
PM 626 R10	O	Fine grained intrusive with disseminated pyrite
PM 626 R11	O	Propylitic-altered andesite
PM 630 R10	O	Quartz veins in rock with minor sulfides
PM 630 R11	O	Pyrite veins in unaltered andesite
PM 850 R10	C	Contact metamorphic black shale
PM 850 R11	O	Tourmaline vein
PM 850 R12	C	Tourmaline breccia
PM 850 R13	O	Porphyritic andesite dike
PMF 001 R1	C	Very fine grained andesite with disseminated pyrite
PMF 002 R1	O	Very fine grained andesite with disseminated pyrite
PMF 002 R2	O	Altered andesite with disseminated pyrite
PMF 007 R1	C	Purple andesite with disseminated pyrite
PMF 008 R1	C	Purple andesite with disseminated pyrite
PMF 010 R1	C	Quartz diorite
PMF 012 R1	O	Fe oxide cemented volcanic breccia
PMF 013 R1	C	Andesite with disseminated pyrite
PMF 015 R1	C	Andesite with disseminated pyrite
PMF 017 R1	C	Quartz diorite with disseminated pyrite
PMF 017 R2	C	Andesite with disseminated pyrite
PMF 031 R1	C	Quartz and calcite veins in brecciated sandstone
PMF 032 R1	C	Quartz and calcite veins in black shale
PMF 036 R1	C	Quartz and pyrite in andesite
PMF 037 R1	C	Silicified andesite with disseminated pyrite
PMF 038 R1	C	Quartz veins in brecciated shale
PMF 044 R1	C	Propylitic altered andesite with much pyrite
PMF 045 R1	C	Fe stained andesite
PMF 055 R1	C	Andesite with disseminated sulfides
PMF 058 R1	C	Andesite + breccia with disseminated sulfides
PMF 059 R1	C	Andesite + breccia with disseminated sulfides
PMF 066 R1	C	Volcanic breccia, dark matrix
PMF 071 R1	S	Hot spring deposit--pyrite coatings
PMF 073 R1	O	Silicified volcanic with disseminated pyrite
PMF 073 R2	O	Weathered silicified volcanic with disseminated pyrite
PMF 084 R1	C	Argillic altered andesite
PMF 084 R2	C	Argillic altered andesite with quartz veins
PMF 085 R1	C	Andesite with disseminated pyrite
PMF 087 R1	O	Fe stained vein quartz
PMF 090 R1	C	Vein quartz and silicified volcanic
PMF 091 R1	O	Andesite with disseminated pyrite
PMF 092 R1	C	Propylitic altered andesite + gossan
PMF 093 R1	C	Volcanic breccia with quartz matrix
PMF 095 R1	O	Fe oxide and calcite veins
PMF 101 R1	C	Fe oxide coated argillic altered andesite
PMF 103 R1	C	Andesite with disseminated pyrite + gossan
PMF 116 R1	C	Andesite with disseminated pyrite

TABLE 6. (continued)

PMF	128	R1	C	Andesite with disseminated pyrite
PMF	129	R1	C	Andesite with disseminated pyrite
PMF	138	R1	C	Dacite with disseminated pyrite
PMF	141	R1	C	Andesite with disseminated pyrite
PMF	145	R1	C	Silicified andesite
PMF	147	R1	F	Much pyrite in intermediate intrusive
PMF	148	R1	C	Composite volcanic rocks with disseminated pyrite and sulfur
PMF	149	R1	C	Quartz limonite veins
PMF	164	R1	C	Vein and disseminated pyrite in andesite
PMF	171	R1	C	Basaltic-andesite with disseminated pyrite
PMF	171	R2	C	Basaltic-andesite with disseminated pyrite
PMF	172	R1	C	Propylitic altered andesite with disseminated pyrite
PMF	176	R1	O	Andesite with felsic xenoliths and disseminated pyrite
PMF	176	R2	O	Limonitic volcanic breccia
PMF	179	R1	C	Andesite and silicic andesite with disseminated pyrite
PMF	180	R1	C	Argillic altered andesite with disseminated and vein pyrite
PMF	181	R1	O	Argillic altered andesite with disseminated and vein pyrite
PMF	183	R1	O	Hornfels and slate with disseminated and vein pyrite
PMF	184	R1	O	Fe stained quartzite
PMF	187	R1	C	Andesite with disseminated and vein pyrite
PMF	188	R1	C	Propylitic altered andesite
PMF	189	R1	C	Brecciated quartzite
PMF	190	R1	C	Fe stained sandstone
PMF	701	R1	O	Fractured quartzite with vein sulfides
PMF	706	R1	C	Rhyodacite with disseminated sulfides
PMF	707	R1	C	Quartz diorite with minor disseminated pyrite
PMF	708	R1	C	Rhyodacite with minor disseminated pyrite
PMF	709	R1	C	Rhyodacite with minor disseminated pyrite
PMF	710	R1	C	Rhyodacite with minor disseminated pyrite
PMF	711	R2	C	Fe stained breccia
PMF	721	R1	C	Rhyodacite with disseminated pyrite
PMF	755	R1	C	Granodiorite
PMF	761	R1	C	Andesite with much disseminated pyrite
PMF	761	R2	O	Andesite with disseminated pyrite
PMF	763	R1	C	Andesite with disseminated pyrite
PMF	763	R2	O	Calcite veins in fault gouge
PMF	763	R4	O	Andesite with disseminated pyrite
PMF	765	R1	C	Altered andesite with disseminated pyrite
PMF	767	R1	O	Aphanitic fractured rock with disseminated pyrite
PMF	769	R1	O	Propylitic altered andesite with much disseminated pyrite
PMF	773	R1	O	Sheared andesite or tuff
PMF	776	R1	C	Fe stained bleached rock with minor disseminated pyrite
PMF	782	R1	O	Quartz veins in sandstone
PMF	782	R2	C	Quartz diorite porphyry sericitic altered
PMF	782	R3	O	Sandstone breccia
PMF	782	R4	O	Quartz veins in sandstone
PMF	783	R1	C	Quartz diorite breccia, Fe stained
PMF	783	R2	C	Propylitic altered quartz diorite
PMF	783	R3	C	Propylitic altered quartz diorite
PMF	783	R5	C	Propylitic altered quartz diorite with disseminated pyrite

TABLE 6. (continued)

PMF	784	R1	C	Limonitic quartz breccia
PMF	784	R2	C	Sericitic altered quartz diorite
PMF	784	R3	C	Quartz diorite with much disseminated pyrite
PMF	784	R4	O	Black shale
PMF	788	R1	C	Andesite with disseminated pyrite
PMF	800	R1	C	Quartz diorite
PMF	803	R1	C	Quartz limonite veins in black shale
PMF	803	R2	C	Quartz diorite with disseminated pyrite
PMF	803	R3	C	Calcite + pyrite
PMF	804	R1	C	Quartz veins
PMF	805	R1	C	Quartz limonite veins
PMF	806	R1	C	Quartz diorite porphyry with disseminated pyrite
PMF	806	R2	C	Gossan-quartz-hematite
PMF	806	R3	C	Black spotted aphanitic rock
PMF	806	R4	C	Vein quartz
PMF	807	R1	C	Tuff
PMF	808	R1	C	Sericitic altered andesite with disseminated pyrite
PMF	808	R2	C	Quartz diorite porphyry
PMF	808	R3	C	Quartz veins
PMF	809	R1	C	Quartz diorite porphyry with minor disseminated pyrite
PMF	810	R1	C	Andesite with minor disseminated pyrite
PMF	812	R1	C	Black pebble shale
PMF	812	R2	C	Quartz diorite porphyry with vein and disseminated pyrite
PMF	813	R1	C	Quartz diorite porphyry with minor disseminated pyrite
PMF	813	R2	C	Tourmaline veins in aphanitic rock
PMF	813	R3	C	Quartz diorite breccia and gossan
PMF	813	R4	C	Aphanitic spotted rock with much pyrite
PMF	814	R1	C	Andesite with much disseminated pyrite
PMF	814	R2	C	Propylitic altered andesite with much disseminated pyrite
PMF	814	R3	C	Grey green hornblende rock with pink crystals
PMF	814	R4	C	Quartz diorite porphyry with disseminated pyrite
PMF	814	R5	C	Limonitic volcanic breccia
PMF	815	R1	C	Dacite
PMF	818	R1	C	Fe stained andesite
PMF	821	R1	C	Propylitic altered aphanitic volcanic with disseminated pyrite
PMF	821	R1	O	Sericitic altered andesite with disseminated pyrite
PMF	822	R2	C	Andesite
PMF	823	R1	O	Sericitic altered andesite with disseminated massive pyrite
PMF	825	R1	C	Sericitic altered andesite
PMF	826	R1	C	Sericitic altered andesite
PMF	827	R1	O	Diorite dike
PMF	830	R1	C	Quartz diorite porphyry with disseminated pyrite
PMF	832	R1	C	Basalt with disseminated pyrite
PMF	832	R2	C	Quartz diorite porphyry
PMF	832	R3	C	Quartz vein
PMF	835	R1	C	Propylitic altered andesite
PMF	835	R2	C	Calcite vein + pyrite in andesite
PMF	835	R3	C	Andesite with disseminated pyrite
PMF	835	R4	C	Andesite(?) with disseminated pyrite
PMF	836	R1	C	Andesite with disseminated pyrite

TABLE 6. (continued)

PMF	838	R1	C	Quartz diorite porphyry
PMF	839	R1	C	Andesite breccia
PMF	839	R2	C	Quartz-calcite veins in andesite with disseminated pyrite
PMF	841	R1	C	Limonitic volcanic breccia
PMF	841	R2	C	Andesite with disseminated pyrite
PMF	841	R3	C	Argillic altered andesite
PMF	841	R4	C	Gossan
PMF	842	R1	O	Gossan + limonitic breccia
PMF	848	R1	C	Metasediment with sulfides
PMF	850	R1	O	Weathered intrusive(?)
PMF	850	R2	O	Weathered intrusive clay + sulfides
PMF	850	R3	O	Fe-stained volcanic breccia
PMF	850	R4	C	Black-stained breccia
PMF	850	R6	C	Quartz eye porphyry--weathered
PMF	850	R7	C	Green porphyritic andesite with disseminated pyrite
PMF	850	R8	C	Green porphyritic andesite with disseminated pyrite
PMF	850	R9	C	Contact metamorphic black shale
PMF	851	R1	C	Porphyritic quartz diorite
PMF	851	R2	O	Black shale
PMF	852	R1	C	Weathered quartz diorite
PMF	852	R2	C	Quartz latite with disseminated sulfides
PMF	852	R3	C	Dark grey aphanitic rock with pyrite
PMF	853	R1	C	Quartz diorite with pyrite
PMF	853	R2	C	Black siltstone
PMF	853	R3	C	Fe-stained aphanitic rock
PMF	855	R2	C	Purple porphyritic andesite
PMF	855	R3	C	Green quartz-rich tuff
PMF	856	R1	O	Andesite with disseminated sulfides
PMF	856	R2	O	Andesite weathered to clay with disseminated sulfides
PMF	856	R3	O	Argillic altered andesite
PMF	856	R4	C	Andesite with disseminated sulfides
PMF	856	R5	C	Andesite with disseminated sulfides
PMF	856	R6	C	Andesite breccia with FeO cement
PMF	856	R7	C	Andesite breccia--green
PMF	857	R1	O	Contact granodiorite with siltstone
PMF	857	R2	O	Contact granodiorite with siltstone, Fe stained
PMF	857	R3	O	Quartz veins in contact zone
PMF	858	R1	O	Shale
PMF	858	R2	O	Andesite
PMF	860	R1	C	Quartz veins in baked shale
PMF	861	R1	O	Siltstone
PMF	862	R1	O	Sandstone-shale
PMF	862	R2	O	Vein material in shale
PMF	863	R1	O	Black shale from fault zone
PMF	863	R2	O	Quartz veins in black shale
PMF	863	R3	C	Fe-stained quartz with black shale
PMF	863	R4	O	Fe-stained quartz with black shale
PMF	863	R5	O	Brecciated shale with quartz
PMF	863	R6	O	Brecciated shale with quartz and calcite
PMF	863	R7	O	Silicified shale

TABLE 6. (continued)

PMF	864	R1	O	Contact granodiorite + shale
PMF	864	R2	O	Contact metamorphic shale
PMF	864	R3	O	Granodiorite
PMF	865	R1	C	Granodiorite
PMF	870	R1	O	Quartz vein in shale
PMF	870	R2	O	Baked shale
PMF	870	R3	O	Slate
PMF	871	R1	O	8" quartz veins
PMF	872	R1	C	Quartz veins in black shale
PMF	873	R1	O	Slate
PMF	874	R1	O	Weathered basalt
PMF	874	R2	O	Weathered andesite
PMF	874	R3	O	Clay with disseminated pyrite
PMF	875	R1	O	Black sandstone with white bladed xenolith veins
PMF	876	R1	O	Shale-siltstone with pyrite
PMF	876	R2	O	Quartz vein
PMF	876	R3	O	Siltstone(?) with disseminated pyrite
PMF	877	R1	C	Altered andesite--composite with disseminated pyrite
PMF	880	R1	C	Green quartz-rich tuff(?) with disseminated pyrite
PMF	880	R2	C	Green aphanitic volcanic with disseminated pyrite
PMF	881	R1	C	Fine grained andesite with pyrite
PMF	882	R1	C	Quartz vein with pyrite
PMF	882	R2	C	Andesite with minor pyrite
PMF	883	R1	C	Oxidized volcanic with quartz veinlets
PMF	884	R1	O	Fe-stained volcanic fracture zone
PMF	884	R2	C	Andesite with disseminated sulfides
PMF	885	R1	C	Andesite with disseminated pyrite
PMF	886	R1	C	Granodiorite
PMF	887	R1	C	Green andesite with disseminated pyrite
PMF	887	R2	C	Black siltstone(?) with pyrite veins
PMF	887	R3	C	Andesite with disseminated pyrite
PMF	887	R4	C	Weathered andesite with pyrite
PMF	888	R1	C	Andesite with disseminated pyrite
PMF	888	R2	C	Sheared silicified andesite with disseminated pyrite
PMF	888	R3	C	Argillic altered andesite
PMF	891	R1	O	Black siltstone with disseminated sulfides
PMF	892	R1	O	Dacite dike
PMF	892	R2	O	Contact metamorphic siltstone
PMF	892	R3	O	Quartz veins
PMF	892	R4	O	Felsic dike
PMF	893	R1	O	Granodiorite
PMF	894	R1	O	Granodiorite
PMF	895	R1	C	Granodiorite
PMK	600	R1	O	Breccia of silicified siltstone with Fe-Mn oxides
PMK	600	R2	F	Porphyritic basalt
PMK	601	R1	C	Weathered quartz diorite porphyry with disseminated sulfides
PMK	601	R2	C	Contact metamorphic black shale with pyrite
PMK	603	R1	O	Weathered andesite
PMK	603	R2	O	Weathered andesite with zeolites
PMK	603	R3	O	Weathered andesite with disseminated sulfides

TABLE 6. (continued)

PMK	603	R4	O Weathered andesite with disseminated sulfides
PMK	603	R5	O Fe-stained andesite
PMK	603	R6	C Aphanitic volcanic with sulfide veinlets and zeolites
PMK	603	R7	C Quartz veins in andesite
PMK	603	R8	C Quartz veins
PMK	604	R1	C Quartz veins with lithic fragments and pyrite
PMK	604	R2	C Aphanitic volcanic with sulfides
PMK	604	R3	C Quartz vein with sulfides
PMK	604	R4	C Calc-silicate rock
PMK	604	R5	C Quartz vein with lithic fragments
PMK	605	R1	O Altered andesite with zeolites
PMK	605	R2	O Clay
PMK	605	R3	O Red vein material
PMK	605	R4	O Altered andesite
PMK	606	R1	F Andesite
PMK	607	R1	O Andesite
PMK	607	R2	F Weathered andesite
PMK	608	R1	F Andesite-basaltic
PMK	609	R1	O Andesite-basaltic
PMK	612	R1	C Weathered quartz diorite
PMK	613	R1	O Hornblende porphyritic volcanic
PMK	613	R2	O Hornblende porphyritic volcanic with pyrite
PMK	614	R1	O Green porphyritic volcanic
PMK	615	R1	O Green quartz-rich tuff(?)
PMK	616	R1	C Quartz veins in black shale
PMK	617	R1	C Sandstone with sulfides along fractures
PMK	619	R1	C Fe-stained andesite
PMK	619	R2	C Andesite
PMK	620	R1	C Fe-stained andesite
PMK	620	R2	C Aphanitic volcanic with disseminated sulfides
PMK	621	R1	C Andesite with zeolites
PMK	622	R1	C Quartz veins with lithic fragments
PMK	622	R2	C Andesite with disseminated sulfides
PMK	622	R3	C Andesite breccia
PMK	623	R1	C Weathered andesite
PMK	623	R2	C Weathered andesite
PMK	624	R1	O Gossan
PMK	624	R2	O Tuff + clay
PMK	624	R3	O Silicified rock + pyrite
PMK	624	R4	O Black bands in silicified rock
PMK	624	R5	O Aphanitic white and brown banded rock
PMK	625	R1	C Fe-stained aphanitic volcanic
PMK	626	R1	F Quartz vein
PMK	626	R2	O Quartz vein with sulfides
PMK	626	R3	O Calcite vein
PMK	626	R4	O Quartz + Mn oxide vein
PMK	626	R5	O Volcanic rock weathered to clay
PMK	626	R6	O Quartz vein
PMK	626	R7	O Green quartz eye tuff
PMK	626	R8	O Fine grained intrusive with disseminated pyrite

TABLE 6. (continued)

PMK	626	R9	O	Mafic dike
PMK	629	R1	F	Quartz vein
PMK	630	R1	O	Andesite with disseminated pyrite
PMK	630	R2	C	Silicified rock with sulfides
PMK	630	R3	O	Sheared Fe-stained rock with sulfides composite
PMK	630	R4	C	Silicified rock with sulfides
PMK	630	R5	O	Quartz vein composite
PMK	630	R6	O	Quartz vein with minor sulfides
PMK	630	R7	O	Sheared Fe-stained rock with sulfides composite
PMK	630	R8	C	Red jasperoid with sulfides
PMK	630	R9	C	Silicified rock with sulfides
PMK	631	R1	O	Weathered andesite with disseminated pyrite
PMK	631	R2	O	Fresh andesite
PMK	631	R3	O	Tuff
PMK	631	R4	F	Fe-stained volcanic breccia
PMK	631	R5	O	Sulfide-rich volcanic weathered to clay
PMK	631	R6	O	Vuggy silicified rock
PMK	631	R7	O	Vuggy silicified rock with sulfides composite
PMK	631	R8	C	Vuggy silicified rock
PMK	631	R9	O	Vuggy silicified andesite
PMK	632	R1	O	Quartz veins and sulfides in aphanitic volcanic
PMK	632	R2	C	Aphanitic volcanic with disseminated sulfides
PMK	632	R3	C	Silicic vein material with sulfides
PMK	632	R4	C	Oxidized silicic vein material
PMK	632	R5	C	Altered volcanic 50% sulfides
PMK	632	R6	C	Volcanic breccia with disseminated sulfides
PMK	633	R1	C	Green intermediate volcanic with disseminated sulfides
PMK	633	R2	C	Argillic altered volcanic with disseminated sulfides
PMK	633	R3	C	White aphanitic altered rock with disseminated sulfides
PMK	633	R4	C	Quartz-rich breccia with disseminated sulfides
PMK	634	R1	O	Fe-stained altered andesite
PMK	634	R2	O	Argillic altered volcanic with disseminated sulfides
PMK	634	R3	O	Fine grained volcanic 40% sulfides
PMK	635	R1	C	Fine grained felsic intrusive with disseminated sulfides
PMK	635	R2	C	Intermediate intrusive with disseminated sulfides
PMK	636	R1	C	Propylitic altered andesite with disseminated sulfides
PMK	636	R2	C	Quartz veins in volcanic with disseminated sulfides
PMK	636	R3	C	Propylitic altered andesite
PMK	639	R1	C	Quartz vein in oxidized volcanic
PMK	641	R2	O	Quartz-rich tuff
PMK	644	R1	C	Porphyritic quartz diorite with sulfides
PMK	645	R1	C	Intermediate intrusive with sulfides
PMK	645	R2	C	Contact metamorphosed siltstone with pyrite
PMK	645	R3	C	Propylitic altered andesite
PMK	645	R4	C	Medium grained intermediate to mafic intrusive
PMK	646	R1	C	Porphyritic quartz diorite
PMK	647	R1	C	Propylitic altered intrusive
PMK	648	R1	O	Contact of granodiorite and shale with sulfides
PMK	648	R2	O	Fe-stained siltstone
PMK	648	R3	C	Granodiorite

TABLE 6. (continued)

PMK	648	R4	O	Slate
PMK	648	R5	O	Slate-granodiorite contact
PMK	648	R6	O	Slate-granodiorite contact
PMK	649	R1	C	Granodiorite
PMW	206	R1	C	Quartz vein
PMW	211	R1	C	Black aphanitic rock with disseminated pyrite
PMW	212	R1	C	Quartz diorite with much disseminated pyrite
PMW	213	R1	C	Limonitic quartz veins
PMW	216	R1	C	Limonitic quartz veins
PMW	225	R1	C	Quartz pyrite veins in dark aphanitic rock
PMW	235	R1	C	Limonitic quartz vein
PMW	237	R1	C	Andesite with disseminated pyrite
PMW	238	R1	C	Andesite + quartz diorite with disseminated pyrite
PMW	239	R1	C	Andesite + quartz diorite with disseminated pyrite
PMW	241	R1	C	Aphanitic volcanic with disseminated pyrite
PMW	243	R1	C	Silicified breccia with disseminated pyrite
PMW	244	R2	C	Aphanitic rock with disseminated pyrite
PMW	244	R3	C	Silicified breccia with disseminated pyrite and sulfur
PMW	245	R1	C	Andesite with disseminated pyrite
PMW	246	R1	C	Andesite with disseminated pyrite
PMW	265	R1	C	Andesite with disseminated pyrite
PMW	266	R1	C	Andesite with disseminated pyrite
PMW	268	R1	O	Altered sheared rock with disseminated pyrite
PMW	274	R1	C	Andesite with disseminated pyrite
PMW	280	R1	C	Silicified aphanitic bleached rock with disseminated pyrite
PMW	283	R1	C	Silicified andesite with disseminated pyrite
PMW	284	R1	C	Limonitic quartz porphyry
PMW	286	R1	C	Silicified rock
PMW	287	R1	C	Silicified rock blue-green
PMW	287	R2	C	Silicified rock and quartz veins
PMW	291	R1	C	Propylitic altered andesite with disseminated pyrite
PMW	292	R1	C	Propylitic altered andesite with disseminated pyrite
PMW	293	R1	C	Quartz porphyry with disseminated and vein pyrite
PMW	294	R1	C	Quartz porphyry (weathered) with disseminated and vein pyrite
PMW	294	R2	C	Quartz veins
PMK	295	R1	C	Quartz-rich tuff or sandstone
PMW	300	R1	C	Tuff
PMW	304	R1	C	Basalt with disseminated sulfides
PMW	304	R2	C	Silicified volcanic
PMW	306	R1	C	Basalt with disseminated sulfides
PMW	320	R1	C	Vein quartz
PMW	322	R1	C	Quartz diorite with disseminated sulfides
PMW	322	R2	C	Andesite with disseminated sulfides
PMW	339	R1	C	Quartz veins in breccia
PMW	348	R1	C	Quartz diorite with disseminated sulfides
PMW	354	R1	C	Andesite with disseminated sulfides
PMW	355	R1	C	Andesite with much disseminated sulfides
PMW	360	R1	C	Andesite with much disseminated sulfides
PMW	367	R1	C	Andesite with disseminated sulfides
PMW	369	R1	C	Calc-silicate with bands of pyrite

TABLE 6. (continued)

PMW	374	R1	C	Andesite with disseminated pyrite
PMW	377	R1	C	Andesite with disseminated + vein pyrite
PMW	379	R1	C	Volcanic breccia with disseminated pyrite
PMW	388	R1	C	Basalt with disseminated pyrite
PMW	391	R1	C	Silicified volcanic with disseminated pyrite
PMW	401	R1	C	Pebble sandstone with disseminated pyrite
PMW	402	R1	C	Silicified rock with disseminated pyrite + sulfur
PMW	410	R1	C	Rock with disseminated pyrite
PMW	412	R1	C	Silicified rock with disseminated pyrite
PMW	414	R1	C	Quartz diorite and breccia with disseminated pyrite
PMY	427	R1	O	Andesite with disseminated pyrite
PMY	428	R1	C	Andesite with disseminated pyrite
PMY	429	R1	C	Andesite with disseminated pyrite
PMY	434	R1	C	Andesite with disseminated pyrite
PMY	438	R1	C	Andesite (?) with disseminated pyrite
PMY	440	R1	C	Andesite breccia with disseminated + vein pyrite
PMY	443	R1	C	Andesite with disseminated + vein pyrite
PMY	444	R1	C	Weathered andesite
PMY	445	R1	C	Quartz diorite porphyry with disseminated pyrite
PMY	445	R2	C	Sericitic altered andesite with disseminated pyrite
PMY	446	R1	C	Andesite with minor disseminated pyrite
PMY	459	R1	C	Hornfels
PMY	462	R1	C	Sandstone
PMY	470	R1	C	Siltstone with disseminated pyrite
PMY	478	R1	C	Greywacke
PMY	481	R1	C	Black shale
PMY	492	R1	C	Fe-stained andesite
PMY	495	R1	C	Basalt with disseminated pyrite
PMY	498	R1	C	Andesite with much disseminated pyrite
PMY	508	R1	C	Andesite with much disseminated pyrite
PMY	509	R1	O	Altered andesite with disseminated pyrite
PMY	512	R1	C	Basalt with disseminated pyrite
PMY	515	R1	C	Altered andesite
PMY	517	R1	C	Basalt with disseminated pyrite
PMY	519	R1	O	Quartz-rich sandstone with disseminated pyrite
PMY	519	R2	O	Limonitic sandstone
PMY	539	R1	C	Quartz veins in shale
PMY	542	R1	C	Andesite with disseminated pyrite
PMY	543	R1	C	Quartz diorite porphyry with disseminated pyrite
PMY	543	R2	C	Andesite
PMY	543	R3	C	Black siltstone
PMY	545	R1	C	Limonitic quartz veins
PMY	546	R1	C	Andesite with disseminated pyrite
PMY	548	R1	C	Quartz diorite porphyry with minor disseminated pyrite
PMY	549	R1	C	Andesite with disseminated pyrite
PMY	549	R2	C	Altered andesite with disseminated pyrite
PMY	551	R1	C	Quartz diorite porphyry
PMY	551	R2	C	Altered andesite with much disseminated pyrite
PMY	552	R1	C	Conglomerate with minor disseminated pyrite
PMY	555	R1	C	Andesite with disseminated + vein sulfides

TABLE 6. (continued)

PMY	556	R1	C	Andesite with minor disseminated sulfides
PMY	560	R1	C	Quartz veins in siltstone
PMY	560	R2	C	Black shale
PMY	563	R1	C	Quartz diorite porphyry with disseminated pyrite
PMY	564	R1	C	Conglomerate
PMY	564	R2	C	Andesite with minor disseminated pyrite
PMY	566	R1	C	Andesite with much disseminated pyrite
PMY	568	R1	C	Andesite with much disseminated pyrite
PMY	570	R1	C	Calcite veins in siltstone with pyrite
PMY	571	R1	C	Quartz-calcite veins
PMY	572	R1	C	Andesite with disseminated pyrite
PMY	573	R1	C	Propylitic altered andesite with much disseminated pyrite
PMY	573	R2	C	Andesite breccia with minor disseminated pyrite