UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Analytical data and sample locality map for aqua regia leachates of stream sediments analyzed by ICP from the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska

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STUDIES RELATED TO AMRAP

The U.S. Geological Survey, is required by the Alaska National Interests Lands Conservation Act (Public Law 96-487, 1980), to survey certain Federal lands to determine their mineral values, if any. Results from the Alaska Mineral Resource Assessment Program (AMRAP) must be made available to the public and be submitted to the President and Congress. This report is one in a series of publications that presents geochemical and mineralogical data determined during the mineral assessment study of the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska. The analytical results of aqua-regia leachate studies for the stream sediments collected during the study are presented in this report.

INTRODUCTION

In the summers of 1983-1985, the U.S. Geological Survey conducted a reconnaissance geochemical survey of the Port Moller, Stepovak Bay, and Simeonof Island quadrangles, Alaska. For this report the three quadrangles collectively will be referred to as the Port Moller study area. The Port Moller study area comprises about 3400 mi^2 (8800 km^2) in the western end of the Alaska Peninsula and offshore islands (fig. 1).

Access to the study area is provided by sea or air to Sand Point, the area's largest town, located on Popof Island, and to Ivanof, Perryville, Port Moller, and Nelson Lagoon by charter air service. The villages of Ivanof and Perryville are located on the Pacific side of the Alaska Peninsula in the Stepovak Bay quadrangle and the village of Nelson Lagoon and the fish cannery of Port Moller are located on the Bering Sea side of the Peninsula in the Port Moller quadrangle. Roads are limited for all practical purposes to the Sand Point area and to the Apollo mine area on Unga Island.

GENERAL GEOLOGY

The study area is at the western end of the Alaska Peninsula and is part of the Nushagak-Bristol Bay Lowland and Aleutian Range physiographic provinces (Wahraftig, 1965). The Aleutian Range province in the study area is characterized by jagged glaciated peaks with elevations averaging near 1000 m though some peaks extend to elevations over 2000 m. U-shaped glacially carved valleys with steep gradients dominate, though fluvial erosion is actively reshaping many valleys. Several Quaternary volcanic peaks dominate the landscape, including the 5 volcanic centers of the Pavlof group, 3 to 4 unnamed volcanic centers in the northeast part of the study area, and Mt. Dana. The northwestern part of the study area is in the Nushagak-Bristol Bay Lowland province. This province is characterized by low

relief, less than 50 m, and is composed of glacial drift, ash-flow or airfall debris, and alluvial debris.

The climate is moderated by the effect of the Japanese Current and moist conditions have led to luxuriant vegetation throughout most of the study area. The vegetation consists primarily of low-grading plants but salmonberry and alder thickets occur along some of the drainages. Virtually no tall trees occur in the area.

The most comprehensive report, available prior to this AMRAP study covering the geology of this study area, was a reconnaissance study by Burk (1965) that emphasized the sedimentary geology. The Pavlof volcanic centers were covered in a reconnaissance fashion by Kennedy and Waldron (1955).

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. Unnamed volcanos in the northeastern part of the study area have also had Holocene activity (Yount and others, 1985).

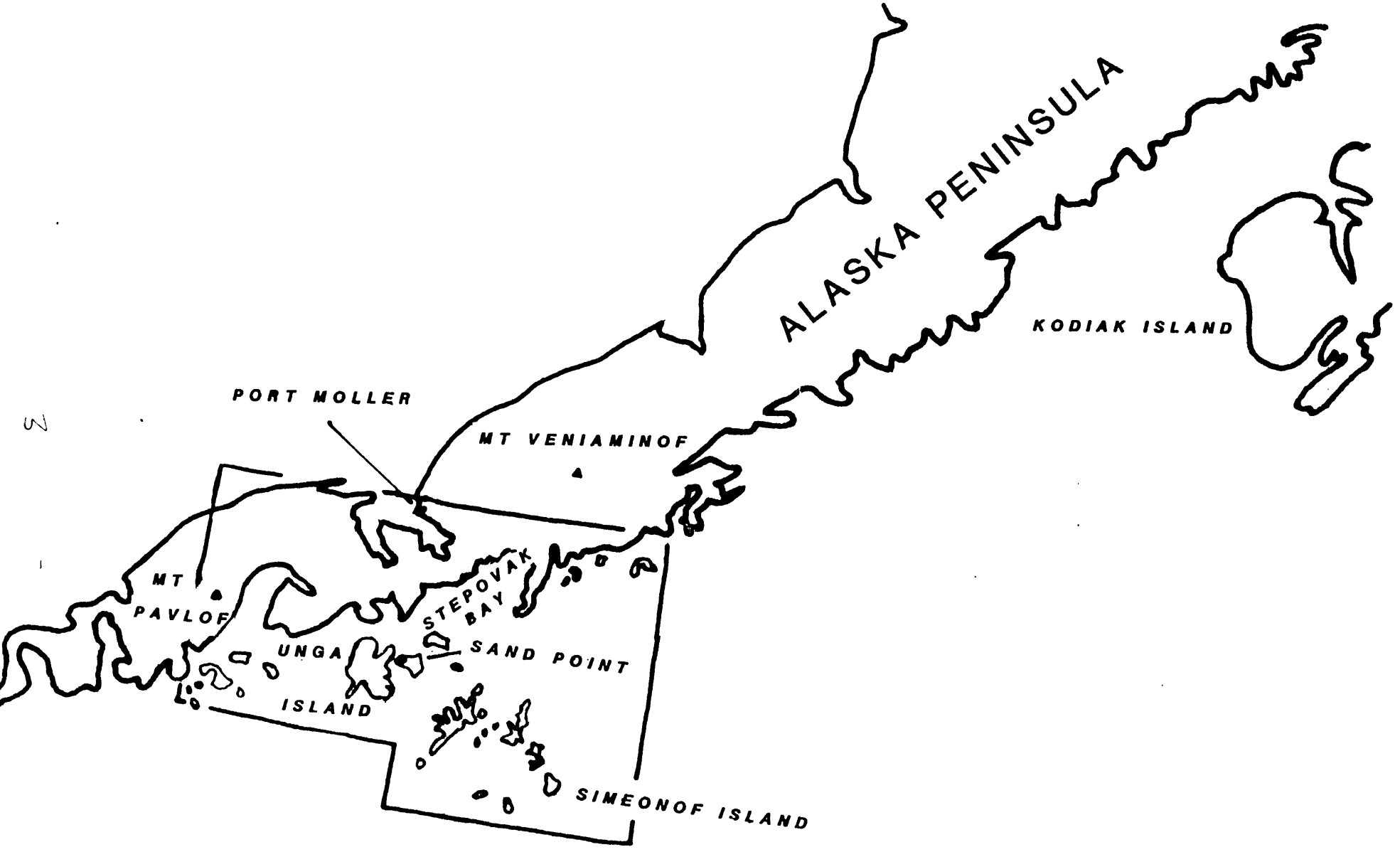

Figure 1. Index map of the Port Moller study area, Alaska.

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

Geochemical results presented in this report are from stream sediment samples that were collected from active channels of perennial first-order (unbranched) streams and second-order (below the junction of two first-order) streams, as determined from topographic maps (scale 1:63,360). The area of the drainage basins ranged from 0.5 mi^2 (0.65 km^2) to about 5 mi^2 (64 km^2). Sampling density was approximately 1 sample site per 5 mi^2 (64 km^2). Both a heavy-mineral panned concentrate and a stream-sediment sample were collected from as many sites as possible. However, the results presented in this paper are only those of the stream sediments. The 787 sample localities are shown on plate 1.

Sample Collection

The stream sediment samples collected in the Port Moller study area (Arbogast and others, 1987) were used in this study. The samples were wet-sieved on site to minus 2.0 mm (10-mesh) using a stainless steel sieve and a 14-inch gold pan. Composite samples within individual streams were collected whenever possible. At all sites, a representative portion of the sediment was taken directly from the gold pan and saved as the stream sediment sample. The samples were air-dried in the field and then shipped to the laboratory for analysis.

Sample Preparation

In the laboratory, the stream sediment samples were sieved using an 80 mesh (0.17 mm) stainless steel sieve. The portion of

the sediment that passed through the sieve was saved. This minus 80-mesh sediment was then ground to approximately minus 100-mesh (0.15 mm) and used for chemical analysis.

Sample Analysis

One gram of prepared stream sediment sample was weighed into 50 mL beaker for digestion. Sample weights were determined to a precision of ±2 percent. The sample was first wetted with a small amount of 10 percent HCl (v/v) to react any carbonate minerals present. Following the completion of this reaction, 15 mL of aqua regia (1:3; HNO_3:HCl) was added to each sample. Initial oxidation of the nonsilicate phases present in the sample usually occurred as an immediate, vigorous reaction. When necessary, this reaction was contained by quenching with distilled water from a squirt bottle. The samples were then placed on a hot plate that was heated to a constant temperature of approximately 80°C. The oxidation reaction was usually complete after the samples had been gently heated for approximately ten minutes. The low temperature of the hot plate is necessary to prevent spattering of the samples during the evaporation process. The solution was then taken slowly to dryness. Several mL of 20 percent HCl (v/v) were added to the sample residue and the sample was gently heated. Sample solutions were then filtered through Whatman no. 41 filter paper that had been previously wetted with 10 percent HCL (v/v) and the samples were diluted to constant final volume, usually 10 mL. These sample solutions were aspirated directly into the plasma for analysis.

The Inductively Coupled Plasma (ICP) instrumentation used is commercially available from Applied Research Laboratories. Two instruments were used, the earlier measurements were made on the ICPQ model and the later measurements on a model 34000 ICP. The two instruments have very similar spectral arrays, but the 34000 also had the capability of measuring some of the alkali elements (sodium, potassium, and lithium), and zirconium.

Corrections for spectral interferences and determination of qualifiers designating lower limits of determination and trace concentrations were determined using the procedures described by Church (1981) and Church and others (1983). Because the chemistry of each sample is different and analytical results from ICP utilize a fixed spectral array, the effect of spectral interferences on each element in each sample must be evaluated. This requires that the lower limit of determination for the elements in each sample be verified. The lower limit of determination (N) will also vary because dilutions of the solutions analyzed may be required during analysis. This condition occurs when the sample must be diluted, usually so that the calcium or iron concentrations in the solution analyzed would be within the calibration range of the instrument, so that corrections for possible spectral interferences could be applied.

In table 1, we report the minimum determinant concentration for each element in ppm in column 2. We have summarized, in column 3 of table 1, the recommended value of N to be used for each element in table 2 along with the number of samples to which this value applies. In column 4 of table 1, we list the number of samples which have higher values of N in table 2. Values of N that are higher than the recommended N are indicated in table 2 in parentheses, for example N(0.8). We suggest that the values for N assigned in table 1 be used for this data set if a single lower limit (N) is needed. Qualified values (<, trace concentrations) indicate that less than half, but more than one tenth of the total signal measured by the ICP remained after correction for spectral interferences (Church and others, 1983). Analytical results for 780 samples reported in table 2 are expressed in parts per million and all values are rounded to two significant figures. The major elements are listed first, followed by the minor and trace elements listed by group as shown on the periodic chart of the elements.

Previous studies of stream sediment leachates analyzed by ICP have shown that the aqua regia leach procedure can be effectively applied in regional geochemical exploration. Replicate analysis of geochemical exploration standards (USGS, GXR series; Allcott and Lakin, 1974) using ICP analysis of aqua regia leachates has indicated an analytical precision of approximately 10 percent(Church and others, 1983). They also demonstrated that recoveries for the ore-related metals are greater than 85 percent. Church (1978) evaluated different digestion procedures for use in exploration geochemistry and showed that the aqua regia leach was the most effective in releasing metals bound in many nonsilicate phases. Further studies (Church and others, 1987) demonstrated that the aqua-regia leach technique resulted in almost complete recovery of elements bound in the hydromorphic oxide phases. They also demonstrated that the application of the aqua regia leach procedure resulted in high recoveries (generally greater than 90 percent) of metals bound in many carbonate, sulfide, and crystalline iron and manganese-oxide minerals. These observations were verified by studies of hand picked mineral separates (purity generally 90 99 percent). In contrast, the effect of leaching rock samples that contain largely silicate phases (standard silicate rocks were used) indicate that much lower total concentrations of transition metals were released from the silicate phases. The aqua-regia leach procedure can therefore be used to enhance the contrast between mineralization and lithologic background in regional geochemical exploration studies (Church and others, 1983, 1987).

ROCK ANALYSIS STORAGE SYSTEM

These analytical results were entered into a computer-based file called Rock Analysis Storage System (RASS). This data base

contains both descriptive geological information and the analytical data. Any or all of this information may be retrieved and converted to a binary form (STATPAC) for computerised statistical analysis or publication (VanTrump and Miesch, 1977).

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Table 1. Minimum determinate values and recommended values of N for aqua-regia leachate data from minus-80-mesh stream sediments from the from the Port Moller study area, Alaska.

[all concentrations in parts per million, -- no values]

Element	Minimum Determinate Value (ppm)	Recommended value of N (no. of N values)	No. of samples having a higher value for N
Na	140	--	--
K	54	--	--
Mg	480	--	--
Ca	390	--	--
Fe	4,200	--	--
Al	1,900	--	--
Ti	5.3	2.0 (30)	--
P	17	4.0 (37)	1
Li	0.35	.20 (4)	--
B	7.4	.40 (764)	--
Be	.027	.015 (647)	17
Sr	6.7	.50 (30)	--
Ba	2.0	20 (4)	--
La	1.1	1.0 (27)	6
Ce	.91	.90 (177)	11
Y	.042	.04 (518)	13
Zr	.94	.90 (11)	--
Mn	23	2.0 (2)	--
V	8.8	.75 (30)	--
Cr	23	1.2 (464)	1
Co	14	2.0 (28)	10
Ni	11	1.0 (37)	2
Cu	.19	.15 (18)	4
Zn	6.8	.34 (5)	1
Cd	.43	.40 (763)	5
Pb	2.0	3.5 (617)	13
Ag	.34	.30 (731)	27
Mo	.41	.40 (665)	25
Sn	5.6	4.0 (762)	5
As	3.0	5.0 (667)	4

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska
[N, not detected; <, detected but below the limit of determination shown.]

Sample	Latitude	Longitude	ICP-Na	ICP-K	ICP-Mg	ICP-Ca	ICP-Fe	ICP-Al	ICP-Ti	ICP-P
PMF001S	55 17 43	160 29 0	--	--	5,100	5,000	54,000	14,000	2,100	170
PMF003S	55 18 58	160 25 29	--	--	10,000	7,800	58,000	22,000	740	210
PMF004S	55 17 23	160 23 56	840	320	7,400	6,900	59,000	22,000	1,700	N
PMF005S	55 15 41	160 20 6	950	330	7,300	7,700	42,000	18,000	N	N
PMF006S	55 17 11	160 19 35	1,200	370	8,100	9,800	85,000	23,000	N	N
PMF007S	55 37 57	161 16 7	510	270	3,900	8,200	25,000	8,200	N	N
PMF008S	55 37 18	161 15 35	280	420	4,500	5,700	26,000	8,600	N	N
PMF009S	55 37 12	161 15 39	320	320	3,300	5,900	26,000	6,000	N	N
PMF011S	55 34 42	161 15 23	--	--	2,900	6,100	100,000	7,700	4,400	650
PMF012S	55 36 27	161 12 4	--	--	3,200	5,600	40,000	8,400	1,400	430
PMF013S	55 34 12	161 10 19	--	--	6,900	3,600	36,000	12,000	150	370
PMF014S	55 34 24	161 10 28	--	--	5,400	3,400	50,000	9,300	880	330
PMF015S	55 35 43	161 9 5	--	--	8,700	4,600	58,000	13,000	1,400	340
PMF016S	55 34 37	161 5 57	--	--	9,800	5,300	77,000	14,000	2,100	380
PMF017S	55 34 35	161 5 50	--	--	8,100	5,300	60,000	11,000	2,000	370
PMF018S	55 35 59	161 3 25	--	--	6,600	4,000	51,000	8,700	1,600	250
PMF019S	55 35 38	160 59 53	--	--	7,900	5,900	52,000	16,000	1,100	370
PMF020S	55 35 33	160 59 42	--	--	7,000	3,300	43,000	11,000	430	370
PMF021S	55 27 29	160 59 1	--	--	7,200	5,500	58,000	14,000	1,300	250
PMF022S	55 29 7	161 4 0	--	--	9,100	11,000	36,000	23,000	920	240
PMF023S	55 26 3	161 10 0	--	--	11,000	8,300	66,000	17,000	2,100	190
PMF025S	55 33 19	160 57 50	--	--	5,800	4,700	40,000	15,000	520	330
PMF026S	55 32 24	161 3 0	--	--	5,800	3,900	38,000	13,000	120	330
PMF027S	55 30 52	161 13 7	--	--	6,900	4,800	38,000	14,000	820	310
PMF028S	55 31 50	161 17 23	--	--	7,700	5,300	42,000	13,000	720	310
PMF029S	55 36 28	160 53 50	--	--	7,600	3,200	39,000	13,000	51	510
PMF030S	55 37 58	160 54 25	--	--	5,100	2,300	25,000	7,800	69	350
PMF031S	55 34 15	160 48 29	--	--	5,500	2,900	42,000	9,400	120	380
PMF032S	55 34 28	160 48 49	--	--	5,400	2,900	39,000	10,000	16	480
PMF033S	55 40 51	160 47 3	--	--	5,200	2,700	33,000	9,000	19	440
PMF034S	55 42 57	160 46 0	--	--	5,100	3,000	30,000	10,000	49	320
PMF035S	55 41 12	160 51 49	--	--	6,900	3,100	32,000	11,000	100	390
PMF036S	55 34 48	160 42 45	--	--	7,400	4,000	47,000	13,000	190	400
PMF037S	55 37 55	160 42 27	--	--	2,400	640	85,000	3,800	250	560
PMF038S	55 39 42	160 39 57	--	--	7,100	2,800	36,000	12,000	59	470
PMF039S	55 34 14	160 37 30	--	--	6,000	7,800	42,000	14,000	720	330
PMF040S	55 21 9	160 22 56	--	--	5,300	8,000	48,000	23,000	1,300	83
PMF041S	55 37 8	160 33 42	--	--	6,900	6,500	48,000	15,000	700	300
PMF042S	55 35 10	160 35 20	--	--	5,400	1,900	48,000	12,000	380	330
PMF043S	55 33 35	160 34 48	--	--	5,400	5,300	38,000	14,000	440	290
PMF044S	55 36 19	160 28 0	--	--	5,600	1,600	53,000	11,000	280	310
PMF045S	55 34 40	160 26 20	--	--	5,100	3,800	55,000	15,000	1,000	340
PMF046S	55 39 8	160 27 28	--	--	6,100	2,700	28,000	12,000	17	420
PMF047S	55 39 2	160 27 49	--	--	6,200	4,800	39,000	14,000	940	330
PMF048S	55 40 52	160 27 5	--	--	6,900	2,800	32,000	13,000	110	410
PMF049S	55 42 30	160 26 10	--	--	6,000	3,400	32,000	12,000	91	410
PMF050S	55 40 47	160 21 40	--	--	2,100	2,000	23,000	5,400	20	290
PMF051S	55 36 22	160 23 20	--	--	4,300	3,600	32,000	8,700	13	430
PMF052S	55 32 30	160 30 30	--	--	5,800	4,000	46,000	14,000	660	290
PMF053S	55 32 24	160 29 20	--	--	5,600	2,800	32,000	13,000	80	400
PMF054S	55 48 39	160 0 5	--	--	4,500	4,300	35,000	8,000	6.1	410
PMF055S	55 46 25	160 3 3	--	--	18,000	4,000	48,000	17,000	510	460
PMF056S	55 50 11	160 9 25	--	--	6,700	4,500	22,000	8,200	720	720
PMF057S	55 50 0	160 11 47	--	--	6,200	8,100	36,000	15,000	1,500	550
PMF058S	55 47 30	160 12 30	--	--	7,300	5,100	51,000	11,000	1,400	610
PMF059S	55 47 20	160 9 28	--	--	8,800	3,700	43,000	13,000	450	690
PMF060S	55 44 20	160 1 40	--	--	7,700	9,700	27,000	20,000	1,100	300
PMF061S	55 43 28	160 5 42	--	--	5,500	3,600	32,000	12,000	570	310
PMF062S	55 40 52	160 13 41	--	--	8,500	3,600	36,000	15,000	360	420
PMF063S	55 40 20	160 16 37	--	--	7,700	3,900	28,000	12,000	110	350

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Li	ICP-B	ICP-Be	ICP-Sr	ICP-Ba	ICP-La	ICP-Ce	ICP-Y	ICP-Zr	ICP-Mn	ICP-V
PMF001S	--	N	N	32	21	1.7	N	N	--	490	140
PMF003S	--	N	N	84	64	2.4	N	N	--	310	130
PMF004S	1.3	N	.96	65	54	2.4	N	4.3	6.2	590	240
PMF005S	4.3	N	.83	N	29	1.8	N	2.3	4.1	450	N
PMF006S	1.6	N	1.6	N	46	2.2	N	4.3	7	780	N
PMF007S	5.5	N	.34	N	15	3.6	5.2	3.4	1.2	330	N
PMF008S	15	N	.36	N	43	4.3	6.6	4.5	.94	340	N
PMF009S	6.3	N	.35	N	28	3.2	N	2.9	1.7	310	N
PMF011S	--	N	N	31	13	2.5	N	N	--	590	250
PMF012S	--	N	N	32	19	2.9	2.8	N	--	390	110
PMF013S	--	N	.13	22	89	3.6	4.8	N	--	350	49
PMF014S	--	N	N	19	53	3	2.6	N	--	370	97
PMF015S	--	N	N	24	46	3.1	1.9	N	--	490	110
PMF016S	--	N	N	25	47	4.5	3.1	N	--	710	140
PMF017S	--	N	N	36	42	4.1	3.4	N	--	530	130
PMF018S	--	N	N	20	41	2.7	.97	N	--	470	110
PMF019S	--	N	N	31	46	3.5	3	N	--	580	110
PMF020S	--	N	N	22	67	3.2	3.6	N	--	440	70
PMF021S	--	N	N	37	65	4.6	4.7	N	--	560	120
PMF022S	--	N	.15	69	65	3.7	4	N	--	550	70
PMF023S	--	N	N	46	38	3	N	N	--	710	130
PMF025S	--	N	.027	38	70	5.3	7.5	N	--	530	64
PMF026S	--	N	.3	25	62	3.1	3	N	--	450	58
PMF027S	--	N	N	28	47	3	3	N	--	460	73
PMF028S	--	N	.22	29	66	4	4.6	N	--	590	76
PMF029S	--	N	.13	29	59	2	2.4	N	--	600	41
PMF030S	--	N	N	17	78	3.7	5	.53	--	280	33
PMF031S	--	N	.036	20	84	4.1	5.3	N	--	420	52
PMF032S	--	N	.72	23	72	2	1.7	N	--	490	36
PMF033S	--	N	.18	24	100	3	4.3	.1	--	330	33
PMF034S	--	N	.37	24	78	3.1	3.8	N	--	460	42
PMF035S	--	N	.25	25	110	3	3.9	.16	--	310	43
PMF036S	--	N	N	32	53	3.3	3.1	N	--	480	63
PMF037S	--	N	N	8.6	7.9	N	N	N	--	100	43
PMF038S	--	N	.28	18	43	5.8	9.2	1.7	--	910	40
PMF039S	--	N	N	53	26	3.4	3.2	N	--	540	100
PMF040S	--	N	N	120	60	1.7	N	N	--	400	99
PMF041S	--	N	N	49	38	4	4.2	N	--	560	130
PMF042S	--	N	N	24	29	1.5	N	N	--	320	60
PMF043S	--	N	N	39	36	3.9	4.6	N	--	470	84
PMF044S	--	N	N	14	11	1.4	N	N	--	320	53
PMF045S	--	N	N	29	42	3.5	2.2	N	--	720	110
PMF046S	--	N	.067	19	66	4.6	7.5	.51	--	350	45
PMF047S	--	N	N	40	38	4.4	5	N	--	590	100
PMF048S	--	N	N	19	47	6.8	11	N	--	360	50
PMF049S	--	N	N	23	71	6.3	10	.2	--	420	47
PMF050S	--	N	N	15	150	5.1	8.7	.27	--	270	30
PMF051S	--	N	N	26	64	4	6.3	N	--	560	51
PMF052S	--	N	N	32	53	4.4	4.8	N	--	450	120
PMF053S	--	N	.19	19	42	4.5	7.8	.11	--	380	50
PMF054S	--	N	N	31	21	3.9	6.9	.29	--	520	33
PMF055S	--	N	N	21	23	3.2	2.8	N	--	600	93
PMF056S	--	N	N	14	7.7	5.2	9.4	3.1	--	460	35
PMF057S	--	N	N	57	43	7.2	13	2.6	--	850	84
PMF058S	--	N	N	19	11	5.6	10	N	--	870	110
PMF059S	--	N	N(.2)	28	28	2.3	N	N(.08)	--	400	61
PMF060S	--	N	N	47	27	2.9	3.4	N	--	380	78
PMF061S	--	N	N	32	40	4	6.5	.11	--	500	59
PMF062S	--	N	N	23	39	4.9	7.8	N	--	460	59
PMF063S	--	N	N	30	56	5.1	8.4	.33	--	360	44

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Cr	ICP-Co	ICP-Ni	ICP-Cu	ICP-Zn	ICP-Cd	ICP-Pb	ICP-Ag	ICP-Mo	ICP-Sn	ICP-As
PMF001S	--	7.9	6.4	8	62	N	N	N	N	N	N
PMF003S	--	5.9	9.3	13	53	N	N	N	N	N	N
PMF004S	46	12	11	15	80	N	11	N	N	N	11
PMF005S	43	12	N	20	54	N	N	N	N	N	7.2
PMF006S	75	17	N	21	100	N	N	N	N	N	8.3
PMF007S	15	6.3	N	9.2	51	N	N	N	N	N	41
PMF008S	17	8.3	N	17	60	N	N	N	N	N	24
PMF009S	15	6.5	N	9.6	44	N	N	N	N	N	16
PMF011S	--	13	6.6	N	84	N	N	N	N	N	N
PMF012S	--	5.7	7.2	5.9	47	N	N	N	N	N	N
PMF013S	--	6.2	23	17	71	N	N	N	N	N	N
PMF014S	--	6.4	17	9.2	65	N	N	N	N	N	N
PMF015S	--	11	15	18	68	N	N	N	N	N	N
PMF016S	--	13	17	21	97	N	N	N	N	N	N
PMF017S	--	10	14	12	67	N	N	N	N	N	N
PMF018S	--	8.5	14	8.4	78	N	N	N	N	N	N
PMF019S	--	8.7	9.4	13	55	N	N	N	N	N	N
PMF020S	--	8.1	34	16	120	N	N	N	N	N	N
PMF021S	--	8.5	11	7.3	66	N	N	N	N	N	N
PMF022S	--	8	9	18	45	N	N	N	N	N	N
PMF023S	--	13	12	9.7	74	N	N	N	N	N	N
PMF025S	--	7.2	8.6	14	51	N	N	N	N	N	N
PMF026S	--	6.3	10	16	56	N	N	N	N	N	N
PMF027S	--	7.2	17	12	67	N	N	N	N	N	N
PMF028S	--	8.4	66	21	210	N	N	N	N	N	N
PMF029S	--	11	25	24	68	N	N	N	N	N	N
PMF030S	N	6.1	16	16	52	N	2.5	N	N	N	N
PMF031S	--	6.4	13	16	60	N	N	N	N	N	N
PMF032S	--	8.6	21	24	66	N	N	N	N	N	N
PMF033S	--	7	27	20	77	N	2.1	N	N	N	N
PMF034S	--	5.7	34	16	120	N	N	N	N	N	N
PMF035S	--	6.1	22	18	57	N	N	N	N	N	N
PMF036S	--	8.5	14	29	66	N	N	N	N	N	N
PMF037S	--	N	3.7	110	21	N	N	N	24	N	N
PMF038S	--	14	27	65	240	N	5.6	N	N	N	N
PMF039S	--	9.1	4.1	8.2	46	N	N	N	N	N	N
PMF040S	N	12	7.4	13	38	N	N	N	N	N	N
PMF041S	--	10	4.4	8.9	58	N	N	N	N	N	N
PMF042S	--	3.4	2.5	13	35	N	3.4	.42	.88	N	N
PMF043S	--	8	9.8	10	59	N	N	N	N	N	N
PMF044S	N	6.7	2.7	57	71	N	3.8	N	1	N	N
PMF045S	--	13	5.5	13	77	N	N	N	N	N	N
PMF046S	--	8.5	13	14	50	N	N	N	N	N	N
PMF047S	--	9.2	6.2	7.5	52	N	N	N	N	N	N
PMF048S	--	11	12	12	53	N	N	N	N	N	N
PMF049S	--	11	13	16	56	N	N	N	N	N	N
PMF050S	--	7.2	9.9	9	47	N	2.4	N	N	N	N
PMF051S	N	7	5.8	11	43	N	N	N	N	N	N
PMF052S	N	6.6	9	8.3	59	N	N	N	N	N	N
PMF053S	N	7.6	11	8.5	54	N	N	N	N	N	N
PMF054S	N	17	13	15	64	N	8.1	N	.82	N	N
PMF055S	N	16	20	27	45	N	N	N	N	N	N
PMF056S	N	5.5	1.9	8.6	38	N	N	N	N	N	N
PMF057S	N	6.9	1.6	7.9	60	N	N	N	N	N	N
PMF058S	N	14	2.5	9.9	66	N	3.6	N	1.8	N	N
PMF059S	--	6.9	4.6	14	47	N	N(4)	N(.6)	2.2	N	N
PMF060S	N	9.8	4.8	22	34	N	N	N	N	N	N
PMF061S	N	12	11	13	59	N	N	N	N	N	N
PMF062S	N	14	14	16	59	N	N	N	N	N	N
PMF063S	N	11	13	13	47	N	N	N	N	N	N

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	Latitude	Longitude	ICP-Na	ICP-K	ICP-Mg	ICP-Ca	ICP-Fe	ICP-Al	ICP-Ti	ICP-P
PMF064S	55 38 58	160 16 24	--	--	3,700	2,200	35,000	7,400	75	330
PMF065S	55 38 31	160 17 15	--	--	5,200	3,000	34,000	9,800	39	390
PMF066S	55 41 59	160 19 27	--	--	9,100	4,700	37,000	13,000	59	400
PMF067S	55 16 26	160 34 6	--	--	5,000	4,200	41,000	15,000	1,400	210
PMF068S	55 20 28	160 34 15	--	--	3,700	4,000	40,000	9,400	2,100	300
PMF069S	55 19 54	160 36 37	--	--	3,600	5,300	72,000	12,000	540	520
PMF070S	55 51 24	160 37 34	--	--	5,600	3,700	24,000	9,300	320	290
PMF071S	55 51 42	160 29 39	--	--	3,100	30,000	36,000	8,600	580	740
PMF072S	55 48 5	160 28 25	--	--	7,500	9,200	75,000	17,000	2,100	310
PMF073S	55 47 0	160 15 21	--	--	2,700	390	75,000	3,600	7.7	3,000
PMF074S	55 45 28	160 19 18	--	--	13,000	5,300	52,000	17,000	1,700	370
PMF075S	55 45 26	160 19 25	--	--	24,000	7,000	38,000	18,000	1,800	330
PMF076S	55 45 57	160 33 0	--	--	6,800	5,000	28,000	14,000	130	400
PMF077S	55 45 2	160 37 30	--	--	4,800	6,200	13,000	11,000	480	260
PMF078S	55 44 54	160 36 15	--	--	6,300	4,200	21,000	11,000	130	360
PMF079S	55 40 52	160 33 42	--	--	7,000	4,300	39,000	14,000	290	380
PMF080S	55 18 4	160 39 42	--	--	4,700	1,800	46,000	12,000	710	210
PMF081S	55 21 10	160 47 59	--	--	2,600	4,400	42,000	9,500	2,200	220
PMF082S	55 19 30	160 48 38	--	--	2,800	3,800	30,000	8,300	2,500	260
PMF083S	55 16 9	160 50 50	--	--	5,300	4,500	47,000	11,000	2,400	210
PMF084S	55 14 35	160 35 25	--	--	6,000	3,700	42,000	17,000	860	260
PMF085S	55 13 54	160 34 24	--	--	5,500	3,300	51,000	11,000	1,900	240
PMF086S	55 12 28	160 29 52	--	--	5,500	5,500	46,000	16,000	1,900	230
PMF088S	55 11 12	160 30 37	--	--	4,500	5,900	30,000	17,000	1,700	260
PMF090S	55 11 43	160 33 9	--	--	6,500	6,100	60,000	17,000	3,000	280
PMF091S	55 11 30	160 32 8	--	--	2,200	2,300	43,000	8,900	420	350
PMF092S	55 16 45	160 39 8	--	--	3,700	780	56,000	7,600	220	220
PMF093S	55 14 57	160 42 21	--	--	5,100	5,800	32,000	14,000	160	230
PMF094S	55 12 21	160 44 15	--	--	2,600	3,500	25,000	6,900	1,300	280
PMF096S	55 9 38	160 47 5	--	--	5,500	7,700	27,000	17,000	890	280
PMF097S	55 11 33	160 49 3	--	--	2,100	10,000	7,300	11,000	14	210
PMF098S	55 11 16	160 48 58	--	--	1,300	9,000	42,000	9,000	2,200	800
PMF099S	55 12 44	160 48 20	--	--	4,700	5,100	20,000	14,000	960	220
PMF100S	55 12 38	160 41 14	--	--	7,400	5,800	35,000	15,000	710	290
PMF102S	55 9 23	160 30 5	--	--	4,200	5,200	27,000	13,000	1,400	200
PMF103S	55 9 57	160 37 39	--	--	6,300	3,700	48,000	17,000	980	180
PMF104S	55 16 42	160 46 51	--	--	4,900	5,500	33,000	15,000	1,700	260
PMF105S	55 41 7	161 16 58	--	--	3,300	4,200	31,000	7,700	1,000	260
PMF106S	55 44 16	161 17 16	--	--	4,800	5,000	47,000	12,000	680	360
PMF107S	55 42 47	161 7 39	--	--	4,000	4,200	31,000	9,700	1,300	270
PMF108S	55 40 30	161 2 35	--	--	6,500	5,000	48,000	13,000	1,200	400
PMF109S	55 46 29	161 1 25	--	--	3,700	5,400	15,000	12,000	960	340
PMF110S	55 49 30	161 4 40	--	--	1,100	3,900	18,000	15,000	1,300	290
PMF111S	55 46 51	161 7 46	--	--	4,200	3,300	23,000	8,200	460	240
PMF112S	55 45 33	160 57 37	--	--	6,400	5,400	33,000	14,000	1,600	280
PMF113S	55 31 54	160 54 53	--	--	4,700	9,000	19,000	15,000	1,200	270
PMF114S	55 31 8	160 40 55	--	--	4,000	5,500	40,000	8,800	1,300	250
PMF115S	55 18 40	160 3 25	--	--	4,600	5,300	29,000	14,000	800	210
PMF116S	55 19 36	160 6 5	--	--	6,500	6,100	31,000	17,000	510	250
PMF117S	55 19 42	160 6 14	--	--	4,700	7,000	35,000	16,000	1,000	270
PMF118S	55 23 1	160 8 50	--	--	4,300	3,600	24,000	13,000	530	180
PMF119S	55 25 21	160 9 26	--	--	7,000	5,800	38,000	18,000	150	380
PMF120S	55 27 9	160 17 48	--	--	9,700	8,600	44,000	22,000	2,100	280
PMF121S	55 25 5	160 20 30	--	--	8,900	9,400	39,000	22,000	1,800	280
PMF122S	55 32 42	161 8 25	--	--	5,600	3,500	38,000	12,000	340	390
PMF123S	55 33 55	161 20 29	--	--	6,300	4,300	33,000	9,500	850	280
PMF124S	55 30 40	161 21 9	--	--	6,000	5,000	38,000	12,000	720	290
PMF125S	55 24 49	161 29 3	--	--	13,000	7,700	40,000	17,000	510	230
PMF126S	55 38 47	160 49 1	--	--	6,300	2,700	30,000	10,000	94	410
PMF127S	55 43 38	160 42 0	--	--	7,100	3,100	24,000	9,800	120	330

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Li	ICP-B	ICP-Be	ICP-Sr	ICP-Ba	ICP-La	ICP-Ce	ICP-Y	ICP-Zr	ICP-Mn	ICP-V
PMF064S	--	N	.96	15	65	3.4	5.6	N	--	300	47
PMF065S	--	N	.077	22	73	4.7	7.3	N	--	330	46
PMF066S	--	N	.077	38	32	6.3	9.6	N	--	450	52
PMF067S	--	N	N	37	40	2.4	2.3	N	--	540	110
PMF068S	--	N	N	30	31	1.8	1	N	--	470	130
PMF069S	--	N	N	62	48	3.5	4.3	N	--	1,100	50
PMF070S	--	N	N	44	50	3.7	4.8	N	--	270	60
PMF071S	--	N	N(.04)	150	35	9.3	8.6	1.1	--	350	130
PMF072S	--	N	N	58	85	4.2	3.2	N	--	780	270
PMF073S	--	N	N	20	10	N	N	N	--	83	36
PMF074S	--	N	N	23	21	2.7	1.7	N	--	540	120
PMF075S	--	N	N	30	15	3.2	3	N	--	460	92
PMF076S	--	N	N	45	99	4.1	6.2	.9	--	400	67
PMF077S	--	N	N	100	33	3	2.9	.55	--	230	38
PMF078S	--	N	N	54	73	3.5	5.2	.24	--	340	48
PMF079S	--	N	N	34	56	4.7	6.7	N	--	440	78
PMF080S	--	N	N	19	17	1.6	N	N	--	310	79
PMF081S	--	N	N	35	29	1.8	N	N	--	370	120
PMF082S	--	N	N	33	35	2.9	4.1	N	--	330	100
PMF083S	--	N	N	52	46	4.2	5.8	N	--	430	160
PMF084S	--	N	N	31	31	2.5	1.6	N	--	760	77
PMF085S	--	N	N	21	23	2.1	N	N	--	560	130
PMF086S	--	N	N	45	60	2.8	1.6	N	--	560	170
PMF088S	--	N	N	84	89	3.6	3.7	N	--	400	110
PMF090S	--	N	N	58	55	3.5	N	N	--	620	240
PMF091S	--	N	N	21	20	1.2	N	N	--	220	41
PMF092S	--	N	N	8.8	17	N	N	N	--	260	70
PMF093S	--	N	N	57	68	3.7	4.1	N	--	460	75
PMF094S	--	N	N	36	59	4	5.4	N	--	310	100
PMF096S	--	N	N	110	140	4.9	6.7	N	--	460	71
PMF097S	--	N	N	75	250	8.1	12	4.5	--	320	8.8
PMF098S	--	N	N	76	170	10	16	4	--	610	210
PMF099S	--	N	N	60	73	2.7	3.3	.43	--	310	48
PMF100S	--	N	N	50	56	2.5	1.4	N	--	920	76
PMF102S	--	N	N	52	54	3.2	3.7	N	--	460	89
PMF103S	--	N	N	35	45	2.1	N	N	--	480	100
PMF104S	--	N	N	55	57	2	1.2	N	--	470	79
PMF105S	--	N	N	32	40	2.6	2.5	N	--	360	71
PMF106S	--	N	N	34	110	4.2	5.4	N	--	1,100	77
PMF107S	--	N	N	71	45	3.8	4.1	N	--	300	77
PMF108S	--	N	N	69	38	3.6	2.8	N	--	460	110
PMF109S	--	N	N	98	40	4.2	6.9	1.3	--	300	51
PMF110S	--	N	N	31	22	1.8	.92	.12	--	190	46
PMF111S	--	N	N	27	36	3	3.7	N	--	370	53
PMF112S	--	N	N	83	41	2.9	2.5	N	--	360	98
PMF113S	--	N	N	53	26	1.3	N	N	--	180	57
PMF114S	--	N	N	47	28	3.3	3.4	N	--	420	120
PMF115S	--	N	N	45	40	2.3	1.7	N	--	450	75
PMF116S	--	N	N	49	45	2.9	2.5	N	--	450	66
PMF117S	--	N	N	59	49	2.6	2	N	--	580	91
PMF118S	--	N	N	27	48	4.8	5.5	1.3	--	360	53
PMF119S	--	N	N	160	130	5.5	8.3	N	--	590	53
PMF120S	--	N	N	89	33	2.9	1.7	N	--	410	130
PMF121S	--	N	N	89	30	3	2	N	--	400	130
PMF122S	--	N	N	29	95	2	1.4	N	--	680	59
PMF123S	--	N	N	27	59	3	3.3	N	--	470	83
PMF124S	--	N	N	39	100	2.9	3.1	N	--	480	77
PMF125S	--	N	N	52	61	2.4	1.2	N	--	500	81
PMF126S	--	N	N	21	83	3.2	4.5	N	--	310	43
PMF127S	--	N	N	27	61	3.6	5.5	.42	--	270	43

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Cr	ICP-Co	ICP-Ni	ICP-Cu	ICP-Zn	ICP-Cd	ICP-Pb	ICP-Ag	ICP-Mo	ICP-Sn	ICP-As
PMF064S	N	12	13	12	65	N	2.9	N	N	N	N
PMF065S	N	10	13	14	57	N	N	N	N	N	N
PMF066S	N	12	13	16	51	N	N	N	N	N	N
PMF067S	N	11	5.1	8.9	45	N	N	N	N	N	N
PMF068S	N	9.5	5.1	1.5	43	N	N	N	N	N	N
PMF069S	N	9.5	1.9	.4	29	N	N	N	N	N	84
PMF070S	N	6	10	12	34	N	N	N	N	N	N
PMF071S	--	N(8)	5.9	1.9	43	N(.8)	22	N(1.2)	N(1.6)	N(8)	N(8)
PMF072S	N	20	10	21	87	N	N	N	N	N	N
PMF073S	N	N	N	N	10	N	18	N	5.5	N	74
PMF074S	N	13	14	14	49	N	N	N	N	N	N
PMF075S	N	14	26	17	39	N	N	N	N	N	N
PMF076S	N	7.4	13	25	50	N	N	N	N	N	N
PMF077S	N	2.7	6.6	11	28	N	N	N	N	N	N
PMF078S	N	6.7	11	16	41	N	N	N	N	N	N
PMF079S	N	10	11	14	60	N	N	N	N	N	N
PMF080S	N	6.9	3.6	82	49	N	6.7	N	.78	N	N
PMF081S	N	9.9	3.9	2.2	47	N	N	N	N	N	N
PMF082S	N	11	7.5	3.8	43	N	N	N	N	N	N
PMF083S	N	17	14	6.2	60	N	N	N	.72	N	N
PMF084S	N	15	4.5	49	100	N	4	N	.56	N	N
PMF085S	N	16	6.7	13	66	N	N	N	N	N	N
PMF086S	N	12	8.5	16	53	N	N	N	N	N	N
PMF088S	N	11	6.2	12	46	N	N	N	N	N	9.3
PMF090S	N	12	12	20	60	N	N	N	N	N	N
PMF091S	N	4.3	4.2	10	37	N	10	N	1.5	N	15
PMF092S	N	3.7	4.6	100	23	N	5.8	N	.5	N	N
PMF093S	N	8.3	7.3	15	50	N	N	N	N	N	4.1
PMF094S	N	6	5.7	3.6	51	N	N	N	N	N	N
PMF096S	N	6.7	7.6	9	36	N	N	N	N	N	N
PMF097S	N	N	2.4	5.9	22	N	N	N	N	N	N
PMF098S	N	8.3	3.5	.7	78	N	3.3	N	N	N	N
PMF099S	N	7.2	10	8.4	36	N	N	N	N	N	N
PMF100S	N	7.6	5.6	15	41	N	N	N	N	N	N
PMF102S	N	7.2	5.9	5.1	48	N	N	N	N	N	N
PMF103S	N	11	7	21	42	N	N	N	N	N	N
PMF104S	N	8.2	11	7.3	38	N	N	N	N	N	N
PMF105S	N	6.9	5.6	4.3	47	N	N	N	N	N	N
PMF106S	N	7.5	5.6	7.4	53	N	N	N	N	N	N
PMF107S	N	6.6	7.8	4.7	41	N	N	N	N	N	N
PMF108S	N	8.9	10	9	57	N	N	N	N	N	N
PMF109S	N	7.1	6.5	9.6	29	N	N	N	N	N	N
PMF110S	N	2.6	1.9	3.8	29	N	N	N	N	N	N
PMF111S	N	6.5	9.3	5.8	38	N	N	N	N	N	N
PMF112S	N	8.7	5.2	5.6	40	N	N	N	N	N	N
PMF113S	N	6.2	4.5	4.3	18	N	N	N	N	N	N
PMF114S	N	10	6.6	3.7	46	N	N	N	N	N	N
PMF115S	N	7.2	5	8.8	39	N	N	N	N	N	N
PMF116S	N	8.1	8.2	15	50	N	5.6	N	N	N	N
PMF117S	N	8.4	5.6	7.9	34	N	N	N	N	N	N
PMF118S	N	5.3	5.1	9.6	55	N	N	N	N	N	N
PMF119S	N	9.9	8.9	20	48	N	N	N	N	N	N
PMF120S	N	12	5.3	6.9	41	N	N	N	N	N	N
PMF121S	N	14	5.9	10	40	N	N	N	N	N	N
PMF122S	N	9.4	16	12	56	N	N	N	N	N	N
PMF123S	N	9	7.6	10	49	N	N	N	N	N	N
PMF124S	N	8.5	6.4	9.4	45	N	N	N	N	N	N
PMF125S	N	12	12	20	41	N	N	N	N	N	N
PMF126S	N	8.4	17	15	50	N	N	N	N	N	N
PMF127S	N	9.8	18	15	44	N	N	N	N	N	N

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	Latitude	Longitude	ICP-Na	ICP-K	ICP-Mg	ICP-Ca	ICP-Fe	ICP-Al	ICP-Ti	ICP-P
PMF128S	55 31 46	160 28 20	--	--	3,200	3,000	55,000	8,400	1,000	360
PMF129S	55 31 12	160 31 0	--	--	4,600	5,100	48,000	16,000	1,700	270
PMF130S	55 21 47	161 29 9	--	--	18,000	7,500	43,000	15,000	1,400	70
PMF131S	55 23 4	161 20 15	--	--	11,000	5,200	47,000	10,000	1,600	150
PMF133S	55 27 35	160 41 59	170	300	5,300	1,600	19,000	10,000	N	N
PMF134S	55 32 30	160 22 18	180	430	11,000	1,500	43,000	20,000	N	N
PMF135S	55 28 8	161 8 40	--	--	7,400	4,800	34,000	13,000	1,000	250
PMF136S	55 40 34	160 58 45	--	--	6,800	3,300	31,000	11,000	380	310
PMF137S	55 41 42	161 3 11	--	--	5,200	6,300	35,000	11,000	1,200	360
PMF138S	55 28 10	160 49 20	--	--	3,600	5,500	76,000	7,600	1,100	400
PMF139S	55 44 22	160 58 51	--	--	5,200	6,300	20,000	13,000	380	330
PMF140S	55 56 43	159 45 52	--	--	12,000	9,400	33,000	18,000	360	160
PMF141S	55 54 58	159 45 0	--	--	5,400	4,600	44,000	13,000	580	170
PMF142S	55 53 38	159 43 3	--	--	6,500	5,200	40,000	15,000	330	200
PMF143S	55 49 14	159 51 20	--	--	5,300	3,400	25,000	9,800	220	320
PMF144S	55 53 3	159 50 23	--	--	5,500	3,400	67,000	9,800	2,600	190
PMF145S	55 52 32	159 53 53	--	--	14,000	6,000	58,000	15,000	320	230
PMF146S	55 52 52	159 57 34	--	--	2,100	2,700	34,000	4,400	2,400	330
PMF147S	55 47 48	159 59 41	--	--	7,900	2,100	73,000	13,000	580	550
PMF148S	55 51 3	160 1 52	--	--	4,900	6,300	81,000	7,600	1,700	420
PMF149S	55 45 59	160 3 46	--	--	13,000	4,300	50,000	15,000	1,300	280
PMF150S	55 42 29	160 10 10	--	--	9,600	5,500	41,000	18,000	520	390
PMF151S	55 39 22	160 22 37	--	--	7,100	2,900	33,000	12,000	88	360
PMF152S	55 40 47	160 21 56	--	--	3,400	2,400	33,000	6,700	11	340
PMF153S	55 44 3	160 25 4	--	--	9,100	2,900	38,000	12,000	17	370
PMF154S	55 40 17	160 25 28	--	--	5,400	3,100	32,000	12,000	82	350
PMF155S	55 37 29	160 32 48	--	--	7,000	3,800	32,000	13,000	130	330
PMF156S	55 36 41	161 37 50	--	--	2,900	6,500	29,000	10,000	1,200	370
PMF157S	55 49 36	160 34 35	--	--	5,300	2,800	20,000	7,400	22	250
PMF158S	55 55 40	160 19 35	--	--	4,600	2,900	27,000	7,200	460	290
PMF159S	55 56 0	160 18 40	--	--	5,100	3,800	37,000	10,000	2,600	230
PMF160S	55 59 37	160 29 28	--	--	3,400	2,200	67,000	6,900	4,600	130
PMF161S	55 55 22	160 28 35	--	--	3,600	2,900	23,000	6,700	1,300	250
PMF162S	55 52 54	160 21 31	--	--	4,800	3,700	26,000	7,900	320	270
PMF163S	55 51 41	160 17 42	--	--	4,900	3,500	22,000	9,100	38	270
PMF164S	55 52 33	160 11 59	--	--	8,700	5,300	39,000	11,000	240	310
PMF165S	55 52 35	160 11 50	--	--	5,700	4,500	64,000	8,100	1,600	300
PMF166S	55 55 48	160 12 5	--	--	5,600	6,200	36,000	11,000	740	270
PMF167S	55 56 53	160 15 6	--	--	4,500	4,600	27,000	7,200	2,100	330
PMF168S	55 59 10	160 10 57	--	--	2,700	2,400	68,000	4,400	4,400	300
PMF169S	55 59 25	160 5 15	--	--	4,600	4,000	49,000	7,200	2,200	340
PMF170S	55 58 26	160 2 54	--	--	3,400	1,900	33,000	7,000	980	220
PMF171S	55 55 50	160 4 50	--	--	6,500	3,500	41,000	9,100	880	300
PMF172S	55 54 58	160 6 18	150	490	2,700	5,600	11,000	3,700	N	N
PMF174S	55 37 37	159 36 4	--	--	6,000	6,400	31,000	19,000	680	300
PMF175S	55 39 3	159 33 52	--	--	3,600	3,100	20,000	14,000	330	260
PMF177S	55 41 39	159 33 18	--	--	4,500	5,400	25,000	15,000	870	220
PMF178S	55 41 47	159 35 17	--	--	7,300	7,500	27,000	22,000	1,200	250
PMF179S	55 43 11	159 33 21	--	--	4,400	4,700	26,000	13,000	510	290
PMF180S	55 46 12	159 38 39	--	--	4,400	3,800	24,000	10,000	140	390
PMF182S	55 59 16	158 39 0	--	--	3,200	3,300	25,000	9,600	1,700	310
PMF183S	55 58 5	158 39 52	--	--	2,000	3,100	16,000	7,600	1,300	210
PMF185S	55 52 35	158 50 56	--	--	2,100	2,600	23,000	11,000	1,800	270
PMF186S	55 50 23	158 43 23	--	--	1,700	2,400	17,000	7,500	1,300	260
PMF187S	55 51 29	158 47 43	--	--	2,500	2,600	33,000	9,100	2,100	270
PMF188S	55 52 56	158 46 50	--	--	1,200	1,900	24,000	6,300	1,500	190
PMF189S	55 59 5	159 4 57	--	--	3,000	7,100	14,000	13,000	850	360
PMF190S	55 57 24	159 7 20	--	--	4,100	3,100	26,000	8,400	240	430
PMF191S	55 56 7	159 5 10	--	--	4,000	3,500	18,000	9,300	790	270
PMF192S	55 50 54	159 7 10	--	--	4,700	5,500	27,000	13,000	1,900	170

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Li	ICP-B	ICP-Be	ICP-Sr	ICP-Ba	ICP-La	ICP-Ce	ICP-Y	ICP-Zr	ICP-Mn	ICP-V
PMF128S	--	N	N	27	23	4.3	5.3	N	--	480	100
PMF129S	--	N	N	45	43	2.9	2.2	N	--	600	110
PMF130S	--	N	N	63	28	1.4	N	N	--	530	94
PMF131S	--	N	N	28	33	1.8	N	N	--	480	110
PMF133S	13	N	.16	N	8.8	13	29	3.9	3	330	N
PMF134S	26	N	.2	N	13	7.8	11	3.4	6.9	470	N
PMF135S	--	N	N	36	31	2.5	1.9	N	--	440	80
PMF136S	--	N	N	86	55	3.4	3.7	N	--	300	55
PMF137S	--	N	N	87	31	4.1	4	N	--	310	94
PMF138S	--	N	N	32	36	6.1	9.1	5.3	--	1,200	120
PMF139S	--	N	N	210	74	4.1	4.7	.15	--	270	43
PMF140S	--	N	N	63	58	2	N	N	--	410	62
PMF141S	--	N	N	87	68	3.1	2.5	N	--	310	130
PMF142S	--	N	N	79	48	3.2	2.6	N	--	290	120
PMF143S	--	N	N	24	82	4.4	6.9	.36	--	500	50
PMF144S	--	N	N	25	31	2.7	N	N	--	450	260
PMF145S	--	N	N	39	46	2.9	N	N	--	570	140
PMF146S	--	N	N	18	13	2.8	3.6	N	--	230	160
PMF147S	--	N	N(.02)	26	34	N(2)	N	N(.08)	--	160	91
PMF148S	--	N	N(.02)	24	8	5	5.1	N(.08)	--	600	130
PMF149S	--	N	N	21	18	3.2	2.6	N	--	550	130
PMF150S	--	N	N	36	33	1.7	N	N	--	400	66
PMF151S	--	N	N	25	73	5	7.5	N	--	380	49
PMF152S	--	N	N	17	98	4.7	7.5	N	--	330	36
PMF153S	--	N	N	19	64	3.9	4.8	N	--	380	43
PMF154S	--	N	N	29	70	4.9	8.3	.42	--	410	50
PMF155S	--	N	N	27	28	4.4	6.1	N	--	520	61
PMF156S	--	N	N	40	42	1.4	N	N	--	790	60
PMF157S	--	N	N	29	64	3	4.5	.61	--	290	35
PMF158S	--	N	N	25	26	6	9.1	.61	--	340	58
PMF159S	--	N	N	28	33	3	3.3	N	--	420	160
PMF160S	--	N	N	16	34	2.9	1.5	N	--	510	200
PMF161S	--	N	N	24	40	3.4	5.1	N	--	350	83
PMF162S	--	N	N	40	39	5.7	9.3	1.4	--	350	46
PMF163S	--	N	N	26	52	4.4	7.6	.82	--	370	38
PMF164S	--	N	N	43	47	4.5	6.1	N	--	450	110
PMF165S	--	N	N	39	36	4.9	5.1	N	--	550	180
PMF166S	--	N	N	66	46	5.3	8.3	.12	--	530	98
PMF167S	--	N	N	30	35	3.5	5.7	.5	--	390	94
PMF168S	--	N	N	14	27	3.1	2.4	N	--	470	240
PMF169S	--	N	N	35	28	4	5.1	N	--	440	170
PMF170S	--	N	N	15	35	3.1	4	N	--	250	100
PMF171S	--	N	N	22	36	4.5	5.8	N	--	550	110
PMF172S	10	N	.33	N	56	6.3	8.5	8.5	5.2	23	N
PMF174S	--	N	N	65	67	4.3	6	N	--	360	66
PMF175S	--	N	N	41	73	2.8	3.3	N	--	220	43
PMF177S	--	N	N	61	56	3.2	3.6	N	--	450	69
PMF178S	--	N	N	67	48	2.8	2	N	--	440	91
PMF179S	--	N	N	36	56	2.7	2.8	N	--	480	74
PMF180S	--	N	N	30	68	4	5.3	N	--	400	51
PMF182S	--	N	N	25	33	2.8	3	N	--	350	88
PMF183S	--	N	N	21	17	1.8	1.4	N	--	210	63
PMF185S	--	N	.099	18	30	2.1	2.2	N	--	320	80
PMF186S	--	N	.16	18	19	1.6	1.3	.053	--	220	71
PMF187S	--	N	N	20	25	1.6	N	N	--	340	110
PMF188S	--	N	N	13	16	1.6	1.2	N	--	240	82
PMF189S	--	N	N	64	36	3.8	4.9	1.9	--	260	42
PMF190S	--	N	N	27	110	3.9	5.7	.4	--	410	48
PMF191S	--	N	N	32	50	3.3	4.3	.28	--	280	51
PMF192S	--	N	N	38	22	1.7	N	N	--	300	100

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Cr	ICP-Co	ICP-Ni	ICP-Cu	ICP-Zn	ICP-Cd	ICP-Pb	ICP-Ag	ICP-Mo	ICP-Sn	ICP-As
PMF128S	N	8.3	4.4	4.2	51	N	N	N	N	N	N
PMF129S	N	12	3.5	4.8	48	N	N	N	N	N	N
PMF130S	N	16	10	12	46	N	N	N	N	N	N
PMF131S	N	15	8	7.5	57	N	N	N	N	N	N
PMF133S	15	8.1	N	17	43	N	N	N	N	N	7.2
PMF134S	28	8.3	N	31	87	N	N	N	N	N	14
PMF135S	N	9.9	6.4	10	39	N	N	N	N	N	N
PMF136S	N	7.8	14	14	57	N	81	N	N	N	N
PMF137S	N	7.6	6.7	6.6	45	N	N	N	N	N	N
PMF138S	N	15	5.3	5	60	N	N	N	N	N	N
PMF139S	N	5.5	8.6	10	34	N	N	N	N	N	N
PMF140S	N	12	5	11	30	N	N	N	N	N	N
PMF141S	N	9.8	8.5	8.8	47	N	N	N	N	N	N
PMF142S	N	8.8	8.1	13	42	N	N	N	N	N	N
PMF143S	N	7.3	6.8	12	54	N	6.2	N	N	N	N
PMF144S	N	14	9.6	6.9	58	N	N	N	N	N	N
PMF145S	N	18	15	25	47	N	N	N	N	N	N
PMF146S	N	11	7.1	9.4	34	N	N	N	N	N	N
PMF147S	--	N(4)	3	110	36	N	N(4)	N(.6)	1.4	N	N
PMF148S	--	15	8.8	25	63	N	N(4)	N(.6)	N(.8)	N	11
PMF149S	N	12	9.9	19	38	N	N	N	N	N	N
PMF150S	N	25	9.4	86	46	N	4	N	.62	N	N
PMF151S	N	9.2	14	14	52	N	N	N	N	N	N
PMF152S	N	8.5	13	15	60	N	3	N	N	N	N
PMF153S	N	9.4	13	13	53	N	N	N	N	N	N
PMF154S	N	10	12	13	53	N	N	N	N	N	N
PMF155S	N	8	8	12	52	N	N	N	N	N	N
PMF156S	N	6.1	2.6	.75	19	N	N	N	N	N	N
PMF157S	N	7.4	11	20	42	N	N	N	N	N	N
PMF158S	N	7.2	12	6.3	42	N	N	N	N	N	N
PMF159S	N	12	7.6	8.6	38	N	N	N	N	N	N
PMF160S	N	16	6.7	.39	71	N	N	N	N	N	N
PMF161S	N	7.6	8	6.1	36	N	N	N	N	N	N
PMF162S	N	8.3	13	6.6	42	N	N	N	N	N	N
PMF163S	N	7.9	12	11	44	N	N	N	N	N	N
PMF164S	N	11	12	20	45	N	N	N	N	N	N
PMF165S	N	13	9	7.4	59	N	N	N	N	N	N
PMF166S	N	12	9.3	22	38	N	N	N	N	N	N
PMF167S	N	8.6	4.2	8.7	39	N	N	N	N	N	N
PMF168S	N	12	5.6	N	59	N	N	N	N	N	N
PMF169S	N	11	8.8	8.2	48	N	N	N	N	N	N
PMF170S	N	8.5	10	9.5	43	N	N	N	N	N	N
PMF171S	N	10	12	12	47	N	N	N	N	N	N
PMF172S	6.8	2.8	N	18	220	N	N	1.2	N	N	22
PMF174S	N	6.5	8.3	11	48	N	N	N	N	N	N
PMF175S	N	4.7	7.6	5.6	39	N	N	N	N	N	N
PMF177S	N	7	6.3	7.2	36	N	N	N	N	N	N
PMF178S	N	6.6	6.5	8.3	34	N	N	N	N	N	N
PMF179S	N	5.2	6.2	6.4	37	N	N	N	N	N	N
PMF180S	N	5.9	7.9	11	36	N	N	N	N	N	N
PMF182S	N	7.3	6.5	14	55	N	5.9	N	N	N	15
PMF183S	N	4	3	7.6	35	N	N	N	N	N	26
PMF185S	N	5.4	3.6	6.4	36	N	N	N	N	N	N
PMF186S	N	2.8	2.6	8.1	21	N	N	N	N	N	N
PMF187S	N	6.3	4.3	7.1	37	N	N	N	N	N	N
PMF188S	N	5.6	2.1	2.6	30	N	N	N	N	N	N
PMF189S	N	3.3	5.2	11	23	N	N	N	N	N	N
PMF190S	N	7.4	13	15	47	N	2.3	N	N	N	N
PMF191S	N	5.9	7.4	8.9	33	N	N	N	N	N	N
PMF192S	N	6.9	6.1	7.5	29	N	N	N	N	N	N

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	Latitude	Longitude	ICP-Na	ICP-K	ICP-Mg	ICP-Ca	ICP-Fe	ICP-Al	ICP-Ti	ICP-P
PMF193S	55 50 30	159 6 56	--	--	2,300	3,000	16,000	7,800	1,100	150
PMF194S	55 51 40	159 4 6	--	--	8,400	13,000	24,000	24,000	1,200	250
PMF195S	55 54 42	159 11 14	--	--	5,800	4,200	32,000	5,600	2,100	760
PMF196S	55 56 17	159 14 52	--	--	6,200	6,600	21,000	12,000	610	360
PMF197S	55 59 37	159 10 27	--	--	5,600	11,000	21,000	17,000	1,600	300
PMF198S	55 59 16	159 15 33	--	--	5,800	6,100	17,000	12,000	670	270
PMF199S	55 59 58	159 17 51	--	--	5,200	7,300	23,000	14,000	97	310
PMF200S	55 52 28	159 18 26	--	--	4,100	3,900	35,000	12,000	1,400	310
PMF701S	55 47 52	159 18 14	--	--	7,100	11,000	55,000	21,000	3,400	180
PMF702S	55 45 34	159 18 27	--	--	1,800	3,400	17,000	10,000	960	300
PMF703S	55 46 15	159 20 32	--	--	3,000	4,400	18,000	11,000	1,400	170
PMF704S	55 44 26	159 22 37	--	--	2,800	5,400	22,000	13,000	940	290
PMF705S	55 48 7	159 24 27	--	--	3,500	3,500	19,000	9,300	13	340
PMF706S	55 51 10	159 24 17	--	--	2,900	2,100	24,000	8,700	540	310
PMF707S	55 51 29	159 24 10	--	--	4,200	2,400	24,000	9,100	390	400
PMF708S	55 52 43	159 22 27	--	--	2,700	2,600	18,000	8,800	1,100	270
PMF709S	55 53 23	159 23 35	--	--	2,400	2,200	14,000	7,700	520	250
PMF710S	55 54 23	159 23 7	--	--	2,900	3,200	21,000	7,000	200	360
PMF711S	55 55 37	159 21 30	--	--	6,700	7,500	27,000	14,000	570	430
PMF712S	55 55 43	159 21 55	--	--	6,700	6,300	32,000	14,000	840	290
PMF713S	55 59 20	159 24 13	--	--	8,000	7,100	40,000	17,000	1,700	300
PMF714S	55 59 35	159 23 59	--	--	6,300	6,600	28,000	14,000	1,500	250
PMF715S	55 58 52	159 29 15	--	--	16,000	11,000	43,000	24,000	730	280
PMF716S	55 59 47	159 36 19	--	--	6,800	7,400	26,000	15,000	680	300
PMF717S	55 58 38	159 38 53	--	--	6,000	4,500	25,000	10,000	490	220
PMF718S	55 57 3	159 39 15	--	--	8,500	8,100	41,000	17,000	550	260
PMF719S	55 52 21	159 36 21	--	--	2,200	3,900	18,000	9,800	500	330
PMF720S	55 50 46	159 33 15	--	--	6,100	5,700	27,000	19,000	1,300	340
PMF721S	55 48 14	159 34 16	--	--	5,700	3,000	35,000	11,000	710	340
PMF722S	55 10 18	160 1 31	--	--	3,800	3,200	26,000	13,000	1,700	280
PMF724S	55 10 44	159 56 40	--	--	2,500	4,300	23,000	18,000	1,800	300
PMF726S	55 16 37	159 53 27	--	--	2,500	4,200	19,000	13,000	1,600	240
PMF727S	55 15 48	159 51 10	--	--	3,300	4,000	25,000	14,000	790	270
PMF728S	55 15 54	159 51 15	--	--	2,200	3,800	16,000	14,000	1,000	210
PMF729S	55 9 32	159 54 0	--	--	2,900	3,900	25,000	15,000	1,300	280
PMF730S	54 56 57	160 10 17	--	--	3,800	3,300	19,000	11,000	1,100	300
PMF731S	54 56 12	160 13 10	--	--	1,900	3,200	16,000	11,000	1,300	180
PMF732S	54 55 41	160 14 34	--	--	1,200	2,200	12,000	6,700	1,000	110
PMF733S	54 58 43	160 11 19	--	--	5,000	2,300	21,000	13,000	450	250
PMF734S	55 2 0	160 5 17	--	--	2,100	2,100	15,000	9,200	1,200	150
PMF735S	55 3 5	160 9 8	--	--	4,200	5,600	25,000	17,000	1,800	330
PMF736S	55 3 48	160 7 0	--	--	3,100	3,800	18,000	13,000	1,200	210
PMF737S	55 4 13	160 5 16	--	--	3,500	3,500	19,000	11,000	1,700	240
PMF738S	55 5 24	160 7 12	--	--	2,600	4,200	20,000	13,000	1,700	200
PMF739S	55 6 52	160 9 38	--	--	3,300	4,000	20,000	11,000	1,200	210
PMF740S	55 7 15	160 5 56	--	--	3,800	3,500	30,000	14,000	1,600	340
PMF741S	55 9 3	160 5 46	--	--	1,600	2,700	13,000	9,300	800	220
PMF742S	55 7 52	159 56 41	--	--	2,900	3,700	27,000	19,000	1,800	240
PMF743S	55 7 6	159 58 10	--	--	3,100	3,300	19,000	11,000	1,800	200
PMF744S	55 6 4	160 1 2	--	--	3,500	3,500	18,000	15,000	1,300	190
PMF745S	55 2 30	159 50 0	--	--	3,200	4,700	17,000	13,000	1,000	250
PMF746S	55 4 35	159 48 50	--	--	1,400	2,100	13,000	8,200	730	240
PMF747S	55 3 5	159 36 6	--	--	2,600	2,500	17,000	10,000	1,500	220
PMF748S	55 3 53	159 37 28	--	--	2,800	2,400	17,000	10,000	960	510
PMF749S	55 5 7	159 34 43	--	--	2,300	1,300	13,000	8,100	1,000	160
PMF750S	55 5 9	159 32 6	--	--	1,500	1,700	12,000	9,500	880	170
PMF751S	55 7 50	159 32 25	--	--	2,800	2,500	19,000	16,000	1,400	310
PMF752S	55 8 7	159 30 15	--	--	1,100	1,300	13,000	7,900	1,200	120
PMF753S	55 10 40	159 33 44	--	--	1,600	1,800	13,000	8,700	960	170
PMF754S	55 11 53	159 34 35	--	--	2,400	3,400	24,000	19,000	2,100	300

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Li	ICP-B	ICP-Be	ICP-Sr	ICP-Ba	ICP-La	ICP-Ce	ICP-Y	ICP-Zr	ICP-Mn	ICP-V
PMF193S	--	N	N	23	23	1.6	N	N	--	230	69
PMF194S	--	N	N	88	30	3	1.2	1.5	--	450	75
PMF195S	--	N	N	35	22	2.1	1.2	N	--	250	110
PMF196S	--	N	.11	70	44	3.6	3.9	.27	--	350	58
PMF197S	--	N	N	74	26	3	2.4	N	--	300	83
PMF198S	--	N	N	52	45	2.9	3	.52	--	270	49
PMF199S	--	N	N	85	170	4.8	7.2	1.2	--	390	50
PMF200S	--	N	N	42	110	3	3	N	--	500	87
PMF701S	--	N	N	56	26	2.2	N	N	--	740	220
PMF702S	--	N	N	31	36	2.8	4.5	.94	--	310	51
PMF703S	--	N	N	27	22	1.6	.92	N	--	290	75
PMF704S	--	N	N	63	83	3.1	3.8	.45	--	410	61
PMF705S	--	N	N	37	140	4	7	1.7	--	350	30
PMF706S	--	N	N	19	54	2.4	2.6	N	--	350	47
PMF707S	--	N	N	27	61	2.9	3.8	.18	--	360	35
PMF708S	--	N	.19	25	45	2.7	3.4	.18	--	280	59
PMF709S	--	N	.053	17	26	2.6	3.2	.89	--	320	32
PMF710S	--	N	N	31	100	3.5	5.6	.61	--	340	35
PMF711S	--	N	N	89	62	5	6.4	.92	--	450	58
PMF712S	--	N	N	63	57	3.4	2.9	N	--	380	100
PMF713S	--	N	N	92	43	2.7	1.5	N	--	370	160
PMF714S	--	N	N	54	27	2.3	1.4	N	--	320	120
PMF715S	--	N	N	100	16	2.7	N	N	--	540	140
PMF716S	--	N	N	59	54	5.1	7.3	.84	--	380	57
PMF717S	--	N	N	68	36	3.6	4.9	N	--	300	72
PMF718S	--	N	N	98	40	3.3	2.8	N	--	370	130
PMF719S	--	N	N	48	53	5.7	8.7	5.6	--	410	43
PMF720S	--	N	N	45	50	3.6	3.8	1.2	--	450	83
PMF721S	--	N	N	16	29	3.5	4.2	N	--	400	79
PMF722S	--	N	N	26	40	2.4	2.5	N	--	420	75
PMF724S	--	N	N	40	39	3.4	4.1	1.9	--	520	68
PMF726S	--	N	N	35	49	2.4	2.7	.38	--	430	55
PMF727S	--	N	N	35	80	3.2	4	1.2	--	750	45
PMF728S	--	N	N	33	58	2.7	3.7	1.7	--	370	41
PMF729S	--	N	N	41	51	3.1	3.8	.25	--	710	61
PMF730S	--	N	N	34	27	2.2	2.7	N	--	320	55
PMF731S	--	N	N	23	27	2.6	3.2	1.8	--	270	50
PMF732S	--	N	N	14	12	1.7	2.1	.7	--	170	36
PMF733S	--	N	N	18	36	6.2	10	N	--	360	36
PMF734S	--	N	.068	13	21	2.7	4.8	2.2	--	400	47
PMF735S	--	N	N	63	47	3.1	2.9	N	--	430	70
PMF736S	--	N	N	29	29	2.2	2.4	.5	--	270	53
PMF737S	--	N	N	32	35	2	1.9	N	--	230	63
PMF738S	--	N	N	34	29	2.3	2.6	N	--	350	66
PMF739S	--	N	N	36	40	2.6	3.8	N	--	380	58
PMF740S	--	N	N	29	44	3.1	3	N	--	770	70
PMF741S	--	N	N	22	50	2.4	4.4	.73	--	370	33
PMF742S	--	N	N	34	43	3.4	4.4	1.5	--	540	73
PMF743S	--	N	N	27	22	2	2.4	N	--	330	65
PMF744S	--	N	N	27	51	2.4	2.9	.27	--	340	58
PMF745S	--	N	N	36	58	2.8	3.7	.17	--	410	52
PMF746S	--	N	8.7	17	29	2.4	4.4	.86	--	400	35
PMF747S	--	N	N	16	31	3.2	4.7	3.6	--	310	51
PMF748S	--	N	N	12	38	2.9	5.6	5.6	--	600	42
PMF749S	--	N	N	6.9	33	3	4.4	1.9	--	150	37
PMF750S	--	N	N	11	25	2.1	3.6	1.6	--	450	37
PMF751S	--	N	N	14	43	3.4	4.6	4.6	--	400	55
PMF752S	--	N	.041	9.8	14	2.1	3	2.9	--	230	44
PMF753S	--	N	N	10	17	2.4	4.3	2.1	--	200	38
PMF754S	--	N	N	34	38	3.4	3.3	2.3	--	370	69

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Cr	ICP-Co	ICP-Ni	ICP-Cu	ICP-Zn	ICP-Cd	ICP-Pb	ICP-Ag	ICP-Mo	ICP-Sn	ICP-As
PMF193S	N	3.9	3.4	3.5	23	N	N	N	N	N	N
PMF194S	N	6.5	5.1	14	30	N	N	N	N	N	N
PMF195S	N	9	9.3	3.7	24	N	N	N	N	N	N
PMF196S	N	6.5	9.9	14	33	N	N	N	N	N	N
PMF197S	N	7.1	7.9	9.4	29	N	N	N	N	N	N
PMF198S	N	5.1	9.7	13	25	N	N	N	N	N	N
PMF199S	N	5.5	5.5	16	40	N	N	N	N	N	N
PMF200S	N	8.2	7.5	9.1	47	N	N	N	N	N	N
PMF701S	N	11	7.1	11	65	N	N	N	N	N	N
PMF702S	N	5.2	2.8	6	25	N	N	N	N	N	N
PMF703S	N	3.2	3.9	5.2	29	N	N	N	N	N	N
PMF704S	N	5.2	4.1	8.7	33	N	N	N	N	N	N
PMF705S	N	5.1	8.6	19	44	N	N	N	N	N	N
PMF706S	N	8.6	9.4	70	46	N	N	N	1.4	N	N
PMF707S	N	7.1	12	26	45	N	2.4	N	N	N	N
PMF708S	N	5.1	4.9	7.5	34	N	N	N	N	N	N
PMF709S	N	3.2	5.8	11	60	N	5.1	N	N	N	3.9
PMF710S	N	6.7	12	15	51	N	4.8	N	N	N	N
PMF711S	N	7.5	11	23	42	N	N	N	N	N	N
PMF712S	N	8	9.8	18	40	N	N	N	N	N	N
PMF713S	N	11	7.6	22	32	N	N	N	N	N	N
PMF714S	N	9.3	6.4	18	28	N	N	N	N	N	N
PMF715S	N	13	9.4	33	35	N	N	N	N	N	N
PMF716S	N	7.4	12	15	40	N	N	N	N	N	N
PMF717S	N	7.3	9.4	6.7	40	N	N	N	N	N	N
PMF718S	N	12	8.4	24	41	N	N	N	N	N	N
PMF719S	N	2.5	6.1	14	33	N	N	N	N	N	N
PMF720S	N	4.9	11	12	31	N	N	N	N	N	N
PMF721S	N	9.5	6.9	17	65	N	3.5	N	.41	N	N
PMF722S	N	8.8	8.4	8.9	54	N	N	N	.48	N	N
PMF724S	N	8.6	7.9	14	48	N	N	N	N	N	45
PMF726S	N	5.7	7	6.4	52	N	N	N	N	N	N
PMF727S	N	6.6	14	15	64	N	N	N	N	N	N
PMF728S	N	5.2	6.1	8.9	41	N	N	N	N	N	N
PMF729S	N	7.3	13	15	56	N	N	N	N	N	45
PMF730S	N	8	12	13	50	N	N	N	N	N	N
PMF731S	N	5.3	2.5	4.4	29	N	N	N	N	N	N
PMF732S	N	3.2	1.4	1.7	19	N	N	N	N	N	N
PMF733S	N	7.5	18	12	73	N	2.3	N	N	N	N
PMF734S	N	8.2	3.1	4.9	33	N	4.4	N	N	N	N
PMF735S	N	6.3	8.1	12	46	N	N	N	N	N	N
PMF736S	N	6.5	5.9	8.6	33	N	N	N	N	N	N
PMF737S	N	6.4	4.9	5.5	34	N	N	N	N	N	N
PMF738S	N	8.2	3.9	8.1	35	N	N	N	.73	N	N
PMF739S	N	9.3	6.8	9.2	36	N	2.1	N	.72	N	N
PMF740S	N	7.9	11	13	61	N	N	N	N	N	N
PMF741S	N	7.8	5	7.5	34	N	3.4	N	.86	N	N
PMF742S	N	11	7.5	25	56	N	N	N	.57	N	N
PMF743S	N	9.5	4.9	11	37	N	3.4	N	.79	N	N
PMF744S	N	8.3	5.6	11	38	N	N	N	.48	N	N
PMF745S	N	6.4	6.1	9.3	43	N	N	N	N	N	N
PMF746S	N	5.6	4.6	6.5	39	N	3.2	N	.43	N	N
PMF747S	N	7.5	3.6	7	30	N	2.7	N	.6	N	12
PMF748S	N	8.5	4.4	9.3	35	N	N	N	.96	N	24
PMF749S	N	2.7	4.4	5.8	19	N	N	N	N	N	N
PMF750S	N	7.2	2.7	8.7	23	N	2.8	N	1	N	42
PMF751S	N	5.8	83	37	N	N	8	N	N	6.2	21
PMF752S	N	5.9	1.5	4.7	18	N	2.7	N	.49	N	11
PMF753S	N	5.4	3	6.7	22	N	5.7	N	1.1	N	10
PMF754S	N	5.8	7.2	13	49	N	N	N	N	N	N

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	Latitude	Longitude	ICP-Na	ICP-K	ICP-Mg	ICP-Ca	ICP-Fe	ICP-Al	ICP-Ti	ICP-P
PMF755S	55 14 14	159 31 29	--	--	1,700	3,200	23,000	14,000	1,500	340
PMF756S	55 3 16	159 24 30	--	--	2,100	2,500	12,000	8,700	1,100	190
PMF757S	55 3 6	159 30 50	--	--	1,200	1,300	11,000	5,900	520	900
PMF758S	54 58 15	159 25 55	--	--	2,000	2,300	19,000	7,400	2,000	150
PMF759S	54 58 47	159 22 14	--	--	1,400	2,400	11,000	6,900	960	180
PMF762S	55 10 7	161 20 38	--	--	2,500	7,400	18,000	15,000	2,600	220
PMF764S	55 3 52	161 43 45	--	--	6,900	8,100	41,000	18,000	2,600	180
PMF765S	55 5 56	161 47 16	--	--	7,800	6,700	38,000	15,000	2,200	220
PMF766S	55 7 33	161 47 52	--	--	8,900	7,700	38,000	17,000	2,800	230
PMF768S	55 6 2	161 52 5	--	--	5,100	6,100	29,000	14,000	2,800	220
PMF769S	55 7 12	161 57 18	--	--	5,900	2,800	42,000	13,000	1,400	500
PMF770S	55 11 43	161 25 55	--	--	3,500	7,700	57,000	15,000	2,400	320
PMF771S	55 12 45	161 35 38	--	--	4,200	5,600	39,000	12,000	4,400	250
PMF772S	55 12 7	161 39 7	--	--	9,000	7,900	32,000	14,000	1,700	190
PMF773S	55 9 27	161 50 2	--	--	9,800	2,800	46,000	21,000	260	420
PMF774S	54 59 53	161 52 6	--	--	3,300	8,100	17,000	15,000	1,500	250
PMF775S	55 4 53	161 41 55	--	--	6,500	6,300	37,000	14,000	2,500	77
PMF776S	55 15 31	161 59 10	--	--	4,600	6,900	29,000	13,000	1,600	270
PMF777S	55 18 18	161 51 45	--	--	4,600	8,100	41,000	12,000	2,500	200
PMF778S	55 20 17	161 50 25	--	--	16,000	6,100	30,000	9,800	1,900	100
PMF779S	55 24 4	161 46 21	--	--	15,000	5,200	24,000	7,100	1,400	54
PMF780S	55 25 57	161 42 1	--	--	17,000	9,000	21,000	12,000	910	69
PMF781S	55 32 8	161 44 5	--	--	15,000	6,500	32,000	11,000	1,800	65
PMF782S	55 35 55	161 16 24	--	--	5,100	4,300	48,000	9,700	960	240
PMF783S	55 35 22	161 16 10	--	--	5,500	3,400	42,000	10,000	590	340
PMF784S	55 35 28	161 16 14	--	--	3,100	2,800	63,000	10,000	1,100	290
PMF785S	55 52 46	161 42 1	--	--	2,200	3,000	25,000	6,400	2,100	83
PMF786S	55 48 35	161 41 17	--	--	7,600	5,200	82,000	12,000	6,800	100
PMF787S	55 48 32	161 51 24	--	--	5,000	7,300	48,000	12,000	2,600	660
PMF788S	55 35 10	161 41 35	--	--	7,100	9,000	32,000	15,000	2,100	280
PMF789S	55 39 18	161 28 50	--	--	2,800	8,600	47,000	13,000	1,000	530
PMF790S	55 39 5	161 10 23	--	--	480	2,000	360,000	2,200	130	810
PMF791S	55 40 17	161 35 26	--	--	2,700	8,200	14,000	13,000	1,100	250
PMF792S	55 25 0	161 4 9	--	--	8,200	6,900	50,000	18,000	1,700	270
PMF793S	55 24 24	161 9 44	--	--	5,300	5,300	38,000	15,000	1,100	330
PMF794S	55 45 13	161 28 48	--	--	4,400	9,400	38,000	14,000	1,600	510
PMF795S	55 46 27	161 34 24	--	--	4,500	8,900	41,000	13,000	2,500	560
PMF796S	55 51 0	161 32 10	--	--	4,500	4,400	53,000	8,100	2,900	450
PMF797S	55 53 30	161 17 20	--	--	9,000	15,000	21,000	19,000	880	31
PMF798S	55 50 58	161 12 16	--	--	2,300	6,100	61,000	6,100	140	2,200
PMF799S	55 54 58	161 5 30	--	--	2,800	6,400	24,000	12,000	1,100	970
PMF800S	55 51 37	161 1 40	--	--	3,700	5,300	23,000	11,000	1,000	520
PMF801S	55 48 38	161 0 13	--	--	2,200	4,300	16,000	11,000	980	640
PMF802S	55 34 24	160 56 15	--	--	6,600	2,900	30,000	10,000	230	390
PMF803S	55 34 35	160 54 27	--	--	6,400	3,100	41,000	15,000	97	600
PMF804S	55 35 42	160 52 23	--	--	9,200	3,300	51,000	15,000	140	540
PMF805S	55 36 41	160 50 40	--	--	7,500	3,400	45,000	14,000	67	570
PMF806S	55 38 48	160 54 9	--	--	6,200	2,100	28,000	8,400	55	310
PMF807S	55 38 46	160 53 58	--	--	5,900	2,500	25,000	8,900	33	400
PMF808S	55 38 28	160 44 53	--	--	4,400	3,000	37,000	9,600	460	290
PMF809S	55 38 24	160 45 0	--	--	3,900	2,600	49,000	6,700	19	460
PMF810S	55 33 37	160 41 39	--	--	5,800	8,800	50,000	15,000	670	260
PMF811S	55 32 54	160 45 58	380	730	6,100	4,100	38,000	16,000	N	N
PMF812S	55 39 52	160 54 54	--	--	7,800	2,600	34,000	10,000	29	440
PMF814S	55 40 37	160 54 45	--	--	6,000	1,200	56,000	9,600	82	390
PMF815S	55 37 49	161 6 1	--	--	8,900	6,000	53,000	12,000	1,700	330
PMF816S	55 37 48	161 5 43	--	--	14,000	6,700	49,000	14,000	1,200	290
PMF817S	55 37 40	161 8 39	--	--	4,300	6,100	49,000	12,000	1,300	380
PMF818S	55 37 13	161 8 37	--	--	11,000	5,900	50,000	15,000	1,000	290
PMF819S	55 37 8	161 8 47	--	--	11,000	5,800	62,000	17,000	1,600	320

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Li	ICP-B	ICP-Be	ICP-Sr	ICP-Ba	ICP-La	ICP-Ce	ICP-Y	ICP-Zr	ICP-Mn	ICP-V
PMF755S	--	N	.51	24	33	3	2.7	3.1	--	730	71
PMF756S	--	N	N	11	21	2.8	5	2.2	--	190	39
PMF757S	--	N	N	7.9	13	1.8	3.3	.63	--	96	29
PMF758S	--	N	N	13	17	1.7	1.7	N	--	220	75
PMF759S	--	N	N	13	22	1.6	1.9	1.8	--	180	34
PMF762S	--	N	N	67	95	3.1	4.3	2.4	--	340	61
PMF764S	--	N	N	55	51	1.9	N	N	--	750	120
PMF765S	--	N	N	53	35	1.9	N	N	--	510	120
PMF766S	--	N	N	78	58	2.9	2.2	N	--	610	120
PMF768S	--	N	N	33	23	2.2	1.5	N	--	390	99
PMF769S	--	N	N	39	44	2.6	2.3	N	--	530	82
PMF770S	--	N	N	74	64	2.5	N	N	--	1,300	92
PMF771S	--	N	N	39	33	2.7	1.7	N	--	490	140
PMF772S	--	N	N	52	33	1.6	N	N	--	600	95
PMF773S	--	N	N	24	15	3.2	7.6	.93	--	1,100	53
PMF774S	--	N	.2	39	21	1.7	N	1.2	--	330	60
PMF775S	--	N	N	39	23	1.7	N	N	--	460	120
PMF776S	--	N	.17	45	30	2.9	3.5	.17	--	380	100
PMF777S	--	N	N	42	16	1.8	N	N	--	290	170
PMF778S	--	N	N	32	12	N	N	N	--	360	110
PMF779S	--	N	N	28	4.6	N	N	N	--	300	94
PMF780S	--	N	N	47	5.8	N	N	N	--	310	62
PMF781S	--	N	N	33	8.3	N	N	N	--	350	110
PMF782S	--	N	.1	26	47	4.1	3.5	N	--	4,500	87
PMF783S	--	N	.2	25	36	6.9	9.6	.23	--	830	63
PMF784S	--	N	N	36	35	3.6	2	N	--	1,200	92
PMF785S	--	N	.25	17	21	1.6	1.1	N	--	230	83
PMF786S	--	N	N	27	30	2.2	N	N	--	580	290
PMF787S	--	N	N	39	54	2.2	N	N	--	1,100	120
PMF788S	--	N	N	48	36	1.6	N	N	--	560	120
PMF789S	--	N	.25	50	62	1.4	N	N	--	3,000	47
PMF790S	--	N	N(.04)	28	67	N(4)	N	N(.16)	--	850	220
PMF791S	--	N	N	48	28	1.3	N	N	--	220	49
PMF792S	--	N	N	54	65	3.8	4.2	N	--	880	110
PMF793S	--	N	N	47	59	4	4.9	N	--	820	66
PMF794S	--	N	N	52	45	1.6	N	N	--	610	63
PMF795S	--	N	N	51	55	1.9	N	N	--	1,100	130
PMF796S	--	N	N	25	44	2	N	N	--	450	140
PMF797S	--	N	N	73	12	N	N	N	--	230	38
PMF798S	--	N	N(.04)	67	370	N(4)	N	N(.16)	--	7,700	36
PMF799S	--	N	N	80	73	2.8	2.6	N	--	300	50
PMF800S	--	N	N	160	88	3.4	3.6	N	--	710	58
PMF801S	--	N	N	44	33	2.3	2.1	N	--	150	56
PMF802S	--	N	N	20	60	5.8	8.5	.63	--	430	46
PMF803S	--	N	N	29	71	2.6	3	N	--	490	43
PMF804S	--	N	N	30	74	2.1	1.4	N	--	610	57
PMF805S	--	N	.23	34	71	2	1.4	N	--	570	47
PMF806S	--	N	N	12	51	3.6	4.2	N	--	450	34
PMF807S	--	N	N	16	83	4.1	5.9	1.3	--	280	31
PMF808S	--	N	N	18	54	1.9	1.2	N	--	530	55
PMF809S	--	N	N	18	99	2.8	2.6	N	--	460	34
PMF810S	--	N	N	47	47	3.6	2.5	N	--	540	120
PMF811S	22	N	.61	N	130	4.9	9.6	6.9	N	420	N
PMF812S	--	N	N	10	52	5.6	8.1	.46	--	730	30
PMF814S	--	N	N	7.3	17	2	N	N	--	830	39
PMF815S	--	N	N	33	16	1.7	N	N	--	460	120
PMF816S	--	N	N	37	18	2.7	1.8	N	--	720	110
PMF817S	--	N	N	45	25	3.3	2.8	N	--	340	110
PMF818S	--	N	N	34	19	2.2	N	N	--	400	97
PMF819S	--	N	N	34	25	2.5	N	N	--	480	130

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Cr	ICP-Co	ICP-Ni	ICP-Cu	ICP-Zn	ICP-Cd	ICP-Pb	ICP-Ag	ICP-Mo	ICP-Sn	ICP-As
PMF755S	N	6.2	4.2	8.2	34	N	N	N	N	N	20
PMF756S	N	4.2	4	7	22	N	2	N	N	N	N
PMF757S	N	2.8	2	9	14	N	2.3	N	.82	N	12
PMF758S	N	6	2.6	3.5	26	N	N	N	N	N	N
PMF759S	N	2.2	2.1	2.9	18	N	N	N	N	N	N
PMF762S	21	4.9	4.7	8.6	36	N	N	N	N	N	N
PMF764S	33	9.8	5.5	6.9	40	N	N	N	N	N	N
PMF765S	34	11	9.7	9.6	43	N	N	N	N	N	N
PMF766S	28	12	7	13	47	N	N	N	N	N	N
PMF768S	22	8.6	4.5	8.2	36	N	N	N	N	N	N
PMF769S	20	13	3.8	27	44	N	N	N	1.3	N	N
PMF770S	23	6.3	3.1	3.4	32	N	N	N	N	N	N
PMF771S	24	11	4.2	2.9	41	N	N	N	N	N	N
PMF772S	27	9.9	14	12	33	N	N	N	N	N	N
PMF773S	22	32	9.4	96	100	N	10	N	N	N	N
PMF774S	13	4.2	1.9	11	31	N	N	N	N	N	N
PMF775S	32	11	4.9	5.2	40	N	N	N	N	N	N
PMF776S	25	8.8	5.2	15	36	N	N	N	N	N	N
PMF777S	31	11	4.6	8.1	33	N	N	N	N	N	N
PMF778S	25	13	6.9	5.2	27	N	N	N	N	N	N
PMF779S	26	11	4.4	5.3	20	N	N	N	N	N	N
PMF780S	25	10	5.1	6.2	19	N	N	N	N	N	N
PMF781S	39	14	6.4	4.8	28	N	N	N	N	N	N
PMF782S	37	12	9.3	17	460	.43	65	3.6	N	N	69
PMF783S	32	18	7.9	38	230	N	10	N	.63	N	3.4
PMF784S	38	15	9.4	38	300	N	8.5	N	N	N	N
PMF785S	29	8.5	4.4	2.6	37	N	N	N	N	N	N
PMF786S	64	25	9.3	N	70	N	N	N	N	N	N
PMF787S	41	12	3.3	N	30	N	N	N	N	N	N
PMF788S	35	12	5.9	3.7	30	N	N	N	N	N	N
PMF789S	29	6.1	1.3	N	17	N	N	N	N	N	N
PMF790S	--	N(8)	N(4)	N(.6)	N(.6)	N(.8)	N(8)	N(1.2)	N(1.6)	N(8)	2,100
PMF791S	21	4	2.1	3	17	N	N	N	N	N	N
PMF792S	42	14	14	7.7	52	N	N	N	N	N	N
PMF793S	38	8.9	8.8	5	42	N	N	N	N	N	N
PMF794S	30	7.4	4	.65	25	N	N	N	N	N	N
PMF795S	40	12	3.9	.4	34	N	N	N	N	N	N
PMF796S	39	11	4.6	1.4	37	N	N	N	N	N	N
PMF797S	26	6.5	2.4	1.1	12	N	N	N	N	N	N
PMF798S	--	N(8)	N(4)	N(.6)	23	N(.8)	N(8)	N(1.2)	N(1.6)	N(8)	44
PMF799S	26	5.6	4.5	2.3	33	N	N	N	N	N	N
PMF800S	27	5.3	5.8	3.6	37	N	N	N	N	N	N
PMF801S	21	2.9	3.7	2.9	27	N	N	N	N	N	N
PMF802S	32	11	18	16	55	N	N	N	N	N	N
PMF803S	37	12	26	26	68	N	N	N	N	N	N
PMF804S	46	15	29	28	81	N	2.2	N	N	N	N
PMF805S	43	14	29	30	78	N	3.4	N	N	N	N
PMF806S	30	6.3	11	19	82	N	15	N	N	N	38
PMF807S	29	6.9	18	17	46	N	N	N	N	N	N
PMF808S	30	9.4	14	17	85	N	5.7	N	N	N	N
PMF809S	29	12	23	27	81	N	5.4	N	N	N	N
PMF810S	N	6.9	5.9	10	45	N	N	N	N	N	N
PMF811S	20	12	N	20	87	N	N	N	N	N	14
PMF812S	N	9	18	25	190	N	75	N	N	N	87
PMF814S	N	9.2	5.7	22	110	N	30	.54	.61	N	110
PMF815S	N	14	9.4	13	57	N	N	N	N	N	N
PMF816S	N	16	13	26	84	N	19	N	N	N	N
PMF817S	N	8.9	8.3	10	50	N	N	N	N	N	N
PMF818S	N	13	8.6	29	39	N	N	N	N	N	N
PMF819S	N	17	12	18	64	N	N	N	N	N	N

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	Latitude	Longitude	ICP-Na	ICP-K	ICP-Mg	ICP-Ca	ICP-Fe	ICP-Al	ICP-Ti	ICP-P
PMF820S	55 48 7	159 53 59	510	300	5,600	6,300	32,000	17,000	N	N
PMF821S	55 48 25	159 55 55	--	--	3,800	4,200	20,000	14,000	1,200	250
PMF822S	55 49 28	159 55 47	--	--	6,500	4,100	50,000	21,000	820	370
PMF823S	55 49 54	159 53 45	--	--	7,800	1,900	71,000	14,000	610	470
PMF824S	55 16 31	160 35 30	--	--	5,200	5,900	33,000	24,000	1,600	290
PMF825S	55 16 27	160 35 27	--	--	5,500	5,900	49,000	20,000	1,900	250
PMF826S	55 17 22	160 36 49	--	--	5,500	7,300	38,000	19,000	180	300
PMF827S	55 34 47	160 53 56	--	--	6,000	3,400	45,000	10,000	180	540
PMF828S	55 37 37	161 0 25	--	--	9,800	6,600	68,000	16,000	1,700	340
PMF829S	55 36 8	161 3 20	--	--	5,200	3,800	21,000	8,700	350	220
PMF830S	55 35 20	161 6 10	--	--	9,500	5,100	51,000	15,000	1,300	380
PMF831S	55 35 27	161 6 5	--	--	7,200	8,600	39,000	25,000	930	570
PMF832S	55 46 4	160 28 57	--	--	8,600	4,300	64,000	17,000	1,400	410
PMF833S	55 47 23	160 30 14	--	--	8,700	17,000	57,000	31,000	570	310
PMF834S	55 46 50	160 35 34	--	--	5,700	4,300	20,000	12,000	30	250
PMF835S	55 43 26	160 28 42	--	--	6,600	5,800	53,000	9,000	51	460
PMF836S	55 41 50	160 30 9	--	--	9,600	5,900	38,000	20,000	1,400	430
PMF837S	55 41 4	160 28 55	--	--	8,500	3,900	36,000	15,000	180	390
PMF838S	55 42 15	160 26 32	--	--	6,300	3,200	26,000	11,000	170	360
PMF839S	55 36 28	160 23 22	--	--	4,500	3,900	32,000	10,000	19	410
PMF840S	55 36 24	160 23 28	--	--	4,600	4,000	38,000	11,000	92	440
PMF841S	55 36 10	160 27 18	--	--	3,300	1,400	64,000	12,000	300	470
PMF843S	54 48 19	159 46 41	--	--	2,000	4,800	15,000	13,000	1,700	510
PMF844S	54 49 38	159 43 4	--	--	2,100	3,800	43,000	11,000	4,200	380
PMF845S	54 49 5	159 35 4	--	--	1,700	3,700	12,000	12,000	820	250
PMF846S	54 46 31	159 34 45	--	--	4,300	4,900	26,000	14,000	2,300	280
PMF847S	54 54 9	159 16 30	--	--	1,700	2,500	15,000	11,000	1,200	170
PMF848S	55 40 48	160 54 11	--	--	6,000	10,000	40,000	7,800	7.1	310
PMF849S	55 40 51	160 54 4	--	--	6,600	1,700	39,000	8,800	47	370
PMF851S	55 37 48	160 57 2	--	--	6,100	2,700	28,000	11,000	300	390
PMF852S	55 37 53	160 57 4	--	--	4,400	1,800	26,000	8,900	88	380
PMF853S	55 38 8	160 56 53	--	--	5,000	2,200	26,000	9,400	60	460
PMF854S	55 40 31	160 55 10	--	--	5,800	3,400	38,000	7,900	14	500
PMF855S	55 17 38	160 41 9	--	--	3,100	3,500	32,000	8,000	1,000	140
PMF856S	55 10 2	160 37 52	--	--	4,700	4,300	34,000	13,000	180	230
PMF859S	55 7 58	160 4 15	--	--	3,100	3,700	28,000	14,000	2,200	310
PMF860S	55 6 40	160 3 21	--	--	4,100	3,400	42,000	13,000	3,600	270
PMF861S	55 9 45	159 58 36	500	190	1,500	3,000	24,000	23,000	1,200	280
PMF863S	55 15 55	159 51 10	--	--	3,500	3,000	23,000	12,000	770	300
PMF865S	55 6 35	159 35 40	--	--	4,100	3,600	33,000	14,000	2,600	310
PMF866S	55 6 42	160 8 1	--	--	3,000	5,000	23,000	14,000	1,600	360
PMF867S	55 5 33	160 3 10	--	--	2,600	3,200	18,000	13,000	1,500	210
PMF868S	55 4 50	159 58 20	--	--	3,300	2,900	25,000	15,000	2,000	220
PMF869S	55 3 5	160 0 12	--	--	2,700	3,100	18,000	11,000	1,200	200
PMF872S	55 8 29	159 56 46	--	--	2,000	2,300	18,000	12,000	1,600	200
PMF873S	55 8 38	159 55 29	--	--	2,400	3,900	27,000	19,000	1,800	350
PMF875S	55 10 23	159 59 0	--	--	3,800	2,400	32,000	9,300	2,100	210
PMF876S	55 9 8	159 57 53	--	--	1,900	1,800	19,000	10,000	1,600	150
PMF877S	55 17 38	160 19 40	--	--	8,000	5,400	45,000	14,000	660	170
PMF878S	55 20 7	160 21 17	--	--	7,600	9,100	33,000	22,000	730	110
PMF879S	55 20 2	160 24 10	--	--	10,000	7,600	30,000	16,000	260	160
PMF880S	55 19 13	160 25 11	--	--	7,700	5,700	32,000	16,000	240	230
PMF881S	55 18 4	160 23 45	--	--	6,300	4,600	65,000	12,000	600	200
PMF882S	55 18 0	160 29 0	--	--	4,600	3,100	21,000	9,500	440	180
PMF883S	55 18 38	160 28 59	--	--	4,900	5,800	69,000	13,000	1,700	170
PMF885S	55 11 39	160 40 43	--	--	4,200	4,300	20,000	13,000	1,400	200
PMF886S	55 35 40	160 30 56	--	--	1,900	1,000	59,000	5,600	200	360
PMF887S	55 35 51	160 30 52	--	--	3,900	970	57,000	6,700	120	930
PMF888S	55 37 19	160 32 25	--	--	2,300	840	78,000	5,300	16	520
PMF889S	55 35 50	160 41 11	--	--	4,100	2,200	39,000	7,600	130	380

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Li	ICP-B	ICP-Be	ICP-Sr	ICP-Ba	ICP-La	ICP-Ce	ICP-Y	ICP-Zr	ICP-Mn	ICP-V
PMF820S	7.5	N	.62	N	56	5.2	9	4.8	3.6	500	N
PMF821S	--	N	N	23	25	2.4	2.1	.45	--	400	60
PMF822S	--	N	N	28	50	2.1	N	N	--	360	62
PMF823S	--	N	N	16	48	1.3	N	N	--	180	82
PMF824S	--	N	N	42	42	2.7	2.1	N	--	690	78
PMF825S	--	N	N	41	39	2.7	1.3	N	--	750	120
PMF826S	--	N	N	37	42	2.6	2.1	N	--	550	69
PMF827S	--	N	N	25	57	5.2	7.6	N	--	480	52
PMF828S	--	N	N	34	23	1.9	N	N	--	470	200
PMF829S	--	N	N	20	67	2.4	2.3	N	--	300	49
PMF830S	--	N	N	26	54	5.4	6.6	N	--	610	100
PMF831S	--	N	N(.02)	69	78	7.7	9.4	5.7	--	690	120
PMF832S	--	N	N	24	39	3.7	2.2	N	--	540	100
PMF833S	--	N	N	100	140	4.2	4.3	N	--	780	130
PMF834S	--	N	N	39	83	3.1	4.4	.59	--	290	40
PMF835S	--	N	N	31	33	8.2	13	N	--	690	40
PMF836S	--	N	N	34	28	4.1	5.2	N	--	670	78
PMF837S	--	N	N	24	57	5.9	9.2	N	--	450	53
PMF838S	--	N	N(.02)	20	52	4.9	8.8	N(.08)	--	380	44
PMF839S	--	N	N(.02)	28	100	3.5	5.9	N(.08)	--	570	51
PMF840S	--	N	N	30	110	4.4	5.7	N	--	670	64
PMF841S	--	N	N	18	32	2.7	N	N	--	360	69
PMF843S	--	N	N	32	21	2.8	.91	5	--	170	57
PMF844S	--	N	N	23	36	9.5	14	5	--	580	120
PMF845S	--	N	.062	24	28	3.1	3.4	4.5	--	330	33
PMF846S	--	N	N	26	40	4.6	6	3.8	--	350	76
PMF847S	--	N	N	15	33	1.7	N	2	--	420	46
PMF848S	--	N	N	13	5.2	3.9	4.1	N	--	3,400	20
PMF849S	--	N	N	9.8	48	2.4	3.7	N	--	1,400	35
PMF851S	--	N	N	17	62	4.5	6.6	.81	--	360	45
PMF852S	--	N	N	12	57	6.3	12	1.9	--	440	31
PMF853S	--	N	N	13	53	3.9	6.5	1.5	--	300	28
PMF854S	--	N	N	11	18	4.7	6.2	N	--	1,500	27
PMF855S	--	N	N	26	24	2.7	3.2	N	--	440	92
PMF856S	--	N	N	35	48	2.6	3.3	N	--	390	57
PMF859S	--	N	N	31	42	2.3	N	N	--	490	78
PMF860S	--	N	N	29	32	1.5	N	N	--	490	120
PMF861S	--	7.4	--	28	--	--	--	--	--	360	55
PMF863S	--	N	N	25	65	2.4	2.3	.44	--	450	39
PMF865S	--	N	N	20	35	3	2.6	1.2	--	540	87
PMF866S	--	N	N	50	47	1.6	N	N	--	400	70
PMF867S	--	N	N	23	30	1.6	N	.15	--	300	58
PMF868S	--	N	N	22	31	2.1	N	.3	--	350	73
PMF869S	--	N	N	22	25	1.4	N	.14	--	160	44
PMF872S	--	N	N	23	30	1.6	N	.41	--	370	54
PMF873S	--	N	N	38	38	2.8	1.5	1.9	--	710	62
PMF875S	--	N	N	18	20	1.1	N	N	--	370	93
PMF876S	--	N	1.6	14	17	2.4	N	3.7	--	320	55
PMF877S	--	N	N	44	41	1.4	N	N	--	530	140
PMF878S	--	N	N	100	43	1.4	N	N	--	350	110
PMF879S	--	N	N	110	32	1.7	N	N	--	370	88
PMF880S	--	N	N	73	45	1.6	N	N	--	490	67
PMF881S	--	N	7.5	34	16	1.6	N	N	--	1,400	160
PMF882S	--	N	N	18	14	1.6	1.3	N	--	330	52
PMF883S	--	N	N	48	28	2.1	N	N	--	690	160
PMF885S	--	N	N	25	18	1.4	1.1	N	--	260	66
PMF886S	--	N	N	12	13	N	N	N	--	95	39
PMF887S	--	N	N	32	16	1.6	N	N	--	170	56
PMF888S	--	N	N	8.4	8.4	1.6	N	N	--	130	45
PMF889S	--	N	N	16	41	2	1.3	N	--	400	42

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Cr	ICP-Co	ICP-Ni	ICP-Cu	ICP-Zn	ICP-Cd	ICP-Pb	ICP-Ag	ICP-Mo	ICP-Sn	ICP-As
PMF820S	13	9.2	N	15	62	N	N	N	N	N	20
PMF821S	N	5.3	3.3	13	34	N	N	N	.67	N	4.1
PMF822S	N	9.7	5.4	45	35	N	N	N	1.5	N	N
PMF823S	N	N	3.6	130	27	N	N	N	14	N	N
PMF824S	N	8.1	2.9	14	43	N	N	N	N	N	N
PMF825S	N	11	4.1	13	56	N	N	N	N	N	N
PMF826S	N	8.7	4.3	14	44	N	N	N	N	N	9.9
PMF827S	N	14	22	28	66	N	N	N	N	N	23
PMF828S	N	13	5.2	17	52	N	N	N	N	N	N
PMF829S	N	5.9	9.4	17	39	N	N	N	N	N	N
PMF830S	N	16	16	19	75	N	N	N	N	N	N
PMF831S	--	14	8.1	26	51	N	N(4)	N(.6)	N(.8)	N	N
PMF832S	N	12	12	43	84	N	N	N	N	N	N
PMF833S	N	16	9.1	36	70	N	N	N	N	N	N
PMF834S	N	6.1	12	26	46	N	N	N	N	N	N
PMF835S	N	14	19	33	96	N	9.1	N	N	N	N
PMF836S	N	13	9.9	15	83	N	2.2	N	N	N	4.4
PMF837S	N	12	12	15	55	N	N	N	N	N	N
PMF838S	--	11	11	12	52	N	5.5	N(.6)	N(.8)	N	N
PMF839S	--	12	13	16	79	N	4.8	N(.6)	N(.8)	N	N
PMF840S	N	6.9	6.9	15	51	N	N	N	N	N	N
PMF841S	N	N	1.4	17	37	N	N	N	N	N	N
PMF843S	N	N	1.7	6.4	21	N	N	N	N	N	N
PMF844S	N	6.3	2.1	1.1	30	N	N	N	N	N	N
PMF845S	N	N	1.9	11	18	N	N	N	N	N	N
PMF846S	N	5.9	3.8	6.4	36	N	N	N	N	N	N
PMF847S	N	N	1.5	6.3	22	N	N	N	N	N	N
PMF848S	N	7.6	7.2	37	270	N	150	1.4	N	N	230
PMF849S	N	10	7.5	21	110	N	41	N	.51	N	99
PMF851S	N	10	17	19	51	N	N	N	N	N	N
PMF852S	N	16	22	18	61	N	6.2	N	.96	N	N
PMF853S	N	10	18	19	54	N	4.7	N	.48	N	N
PMF854S	N	10	4.2	10	180	N	14	N	N	N	78
PMF855S	N	7.4	4.2	5.9	59	N	N	N	N	N	N
PMF856S	N	12	7.5	14	43	N	23	N	1.6	N	49
PMF859S	N	5.3	9.4	9.8	47	N	N	N	N	N	N
PMF860S	N	6.2	8.3	7.5	63	N	N	N	N	N	35
PMF861S	--	--	4.1	--	--	--	--	--	--	--	38
PMF863S	N	5.4	13	12	56	N	N	N	N	N	N
PMF865S	N	7.3	4.9	6.8	45	N	N	N	N	N	N
PMF866S	N	2	4.8	11	36	N	N	N	N	N	N
PMF867S	N	3.5	3.7	7.4	28	N	N	N	N	N	N
PMF868S	N	3.7	8.9	17	35	N	N	N	N	N	N
PMF869S	N	N	5.5	7.4	25	N	N	N	N	N	N
PMF872S	N	4.6	6	7.7	32	N	N	N	N	N	N
PMF873S	N	7	8.1	15	53	N	N	N	N	N	160
PMF875S	N	5.6	4.5	4.5	45	N	N	N	N	N	N
PMF876S	N	2.7	4.8	13	44	N	N	N	N	N	24
PMF877S	N	7.1	4	3.4	51	N	N	N	N	N	N
PMF878S	N	9.4	9.7	15	34	N	N	N	N	N	N
PMF879S	N	8.6	13	19	35	N	N	N	N	N	N
PMF880S	N	6.6	5.2	16	36	N	N	N	N	N	N
PMF881S	N	11	8.7	9.7	66	N	N	N	N	N	42
PMF882S	N	7.5	4.4	7.9	34	N	4.3	N	N	N	23
PMF883S	N	5.9	4.3	.5	70	N	N	N	N	N	N
PMF885S	N	7.7	4.1	6	35	N	2.6	N	N	N	N
PMF886S	N	N	N	1.7	14	N	3.5	N	N	N	N
PMF887S	N	N	4.4	16	60	N	23	N	1.6	N	N
PMF888S	N	N	1.5	2.6	130	N	29	N	N	N	N
PMF889S	N	8.7	14	28	58	N	4.2	N	N	N	N

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	Latitude	Longitude	ICP-Na	ICP-K	ICP-Mg	ICP-Ca	ICP-Fe	ICP-Al	ICP-Ti	ICP-P
PMF890S	55 40 40	160 52 5	--	--	6,100	2,800	29,000	11,000	100	420
PMF891S	55 8 3	159 59 4	--	--	2,200	2,800	26,000	19,000	1,700	250
PMF893S	55 3 2	159 21 28	--	--	2,000	3,000	18,000	11,000	1,700	180
PMF895S	54 56 24	159 16 38	--	--	1,300	2,900	13,000	11,000	1,100	180
PMK601S	55 7 34	159 58 12	--	--	3,000	2,100	27,000	19,000	1,900	340
PMK602S	55 6 29	159 53 1	--	--	5,100	2,500	25,000	20,000	1,000	280
PMK604S	55 19 15	160 31 36	--	--	7,600	13,000	75,000	15,000	1,400	270
PMK610S	55 20 29	160 28 49	--	--	6,800	7,100	41,000	15,000	420	270
PMK611S	55 22 3	160 31 48	--	--	7,000	5,900	43,000	16,000	1,600	240
PMK612S	55 18 15	160 41 5	--	--	4,400	3,600	40,000	10,000	510	280
PMK616S	55 10 18	160 1 0	--	--	1,700	2,000	17,000	9,900	1,200	200
PMK617S	55 10 13	159 55 42	--	--	1,300	1,700	21,000	18,000	1,600	280
PMK618S	55 9 24	159 57 0	--	--	2,700	1,900	15,000	10,000	1,100	200
PMK619S	55 17 30	160 20 18	--	--	7,800	8,000	58,000	20,000	1,400	160
PMK620S	55 19 25	160 21 39	--	--	11,000	9,800	42,000	21,000	770	180
PMK621S	55 20 9	160 24 9	--	--	8,200	8,700	39,000	23,000	620	100
PMK622S	55 19 19	160 25 8	--	--	8,800	5,300	37,000	17,000	290	290
PMK623S	55 17 26	160 23 19	--	--	7,500	6,200	58,000	19,000	1,100	220
PMK624S	55 17 25	160 25 0	--	--	2,000	3,800	58,000	11,000	570	230
PMK625S	55 17 56	160 29 12	--	--	2,000	3,600	14,000	9,300	890	240
PMK628S	55 21 9	160 34 38	--	--	3,700	4,900	33,000	11,000	1,200	270
PMK629S	55 10 16	160 46 50	--	--	8,200	5,400	55,000	15,000	2,400	140
PMK631S	55 9 55	160 39 8	--	--	1,800	530	17,000	4,100	15	190
PMK633S	55 35 50	160 29 50	--	--	4,400	540	55,000	5,700	14	590
PMK635S	55 37 8	160 29 15	--	--	6,700	2,500	56,000	11,000	270	360
PMK636S	55 37 6	160 29 24	--	--	5,800	2,100	68,000	11,000	370	280
PMK638S	55 37 52	160 36 53	--	--	4,300	3,700	33,000	9,600	51	340
PMK639S	55 35 52	160 40 42	--	--	4,300	2,900	37,000	9,500	190	370
PMK640S	55 36 19	160 44 15	--	--	6,200	3,400	32,000	12,000	49	320
PMK641S	55 40 20	160 53 23	1,300	210	9,100	10,000	29,000	17,000	N	N
PMK642S	55 40 47	160 52 20	--	--	5,500	5,500	26,000	11,000	370	350
PMK643S	55 42 20	160 54 52	--	--	5,800	4,500	25,000	11,000	350	330
PMK644S	55 40 49	160 56 3	--	--	5,700	2,600	32,000	9,500	210	310
PMK645S	55 39 8	161 2 29	--	--	5,800	6,700	42,000	16,000	780	340
PMK646S	55 9 0	159 59 10	--	--	3,700	3,900	26,000	17,000	1,800	270
PMK648S	55 11 12	159 34 20	--	--	2,500	2,900	19,000	10,000	1,500	170
PMK649S	55 3 37	159 22 32	--	--	1,700	3,400	15,000	13,000	1,200	250
PMW201S	55 29 13	160 57 48	--	--	5,100	3,600	25,000	12,000	180	260
PMW202S	55 25 50	161 1 50	--	--	8,700	6,700	32,000	16,000	330	260
PMW203S	55 28 52	161 5 30	--	--	10,000	6,200	30,000	16,000	500	210
PMW204S	55 25 57	161 11 8	--	--	6,500	5,100	41,000	13,000	670	220
PMW205S	55 31 42	160 53 30	--	--	6,800	7,400	35,000	17,000	170	230
PMW206S	55 33 39	160 57 49	--	--	5,300	2,700	35,000	10,000	200	350
PMW207S	55 32 44	161 3 15	--	--	4,500	2,900	110,000	7,900	2,700	270
PMW208S	55 32 58	161 7 20	--	--	5,800	3,700	56,000	9,700	1,100	210
PMW209S	55 30 59	161 9 8	--	--	5,500	3,800	35,000	11,000	300	220
PMW210S	55 28 35	161 18 31	--	--	5,200	4,900	32,000	12,000	970	150
PMW211S	55 33 28	160 54 14	--	--	5,000	3,400	28,000	12,000	100	280
PMW212S	55 37 50	160 54 35	--	--	3,800	2,200	30,000	7,100	14	340
PMW213S	55 33 32	160 49 41	--	--	4,600	3,200	34,000	9,700	390	280
PMW214S	55 39 13	160 46 46	--	--	4,900	2,200	46,000	7,600	680	280
PMW215S	55 39 5	160 46 40	--	--	2,600	1,900	30,000	5,300	47	290
PMW216S	55 39 8	160 46 29	--	--	3,400	2,200	37,000	5,900	74	330
PMW217S	55 44 2	160 48 4	270	470	6,300	4,600	33,000	13,000	220	190
PMW218S	55 44 32	160 50 16	--	--	4,200	6,400	23,000	13,000	1,100	250
PMW219S	55 47 11	160 52 27	--	--	4,700	3,900	45,000	8,800	1,000	240
PMW220S	55 54 22	161 43 32	--	--	10,000	2,900	160,000	3,900	1,700	120
PMW221S	55 51 12	161 52 0	140	66	7,100	3,100	77,000	1,900	7,400	31
PMW222S	55 46 35	161 52 38	--	--	3,400	7,100	28,000	16,000	1,600	160
PMW223S	55 43 29	161 47 37	--	--	4,800	6,500	63,000	11,000	1,700	120

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Li	ICP-B	ICP-Be	ICP-Sr	ICP-Ba	ICP-La	ICP-Ce	ICP-Y	ICP-Zr	ICP-Mn	ICP-V
PMF890S	--	N	N	21	110	3.9	5.9	.62	--	290	36
PMF891S	--	N	N	27	37	2.9	2.3	1.3	--	460	64
PMF893S	--	N	N	19	30	2.6	2.9	.95	--	260	61
PMF895S	--	N	N	20	33	2	2	2	--	520	43
PMK601S	--	N	N	21	49	3.1	3.1	1.1	--	500	69
PMK602S	--	N	N	32	70	7	14	4.2	--	580	47
PMK604S	--	N	N	68	12	2.4	N	N	--	610	230
PMK610S	--	N	N	100	66	2.3	N	N	--	720	78
PMK611S	--	N	N	110	76	2.3	1.1	N	--	510	130
PMK612S	--	N	N	46	67	4	5.6	N	--	440	96
PMK616S	--	N	.32	19	28	1.6	1.2	.51	--	480	47
PMK617S	--	N	N	18	28	2.4	2.2	1.9	--	320	53
PMK618S	--	N	.086	20	34	2.2	2.4	.67	--	150	47
PMK619S	--	N	N	83	33	1.9	N	N	--	520	210
PMK620S	--	N	N	86	34	2	N	N	--	500	140
PMK621S	--	N	N	120	49	1.9	N	N	--	410	130
PMK622S	--	N	N	62	38	2.3	.93	N	--	530	83
PMK623S	--	N	N	63	47	1.8	N	N	--	560	180
PMK624S	--	N	N	27	70	1.6	N	N	--	150	56
PMK625S	--	N	N	21	15	1.5	1.8	.74	--	260	40
PMK628S	--	N	N	51	52	1.8	1.2	N	--	500	96
PMK629S	--	N	N	97	48	2.6	N	N	--	580	150
PMK631S	--	N	.046	9.6	50	2.1	2.2	N	--	58	19
PMK633S	--	N	N	20	16	1.1	N	N	--	190	28
PMK635S	--	N	N	18	17	2.1	N	N	--	280	64
PMK636S	--	N	N	14	5.8	1.5	N	N	--	480	53
PMK638S	--	N	N	27	74	3.4	4.3	N	--	410	46
PMK639S	--	N	N	16	38	3	3.2	N	--	390	52
PMK640S	--	N	N	24	53	3.7	4.8	N	--	380	38
PMK641S	1.6	N	.3	N	15	2.4	N	2.8	2.2	330	N
PMK642S	--	N	N	56	27	4	5.3	N	--	430	52
PMK643S	--	N	N	100	48	4.2	4.7	.43	--	310	42
PMK644S	--	N	N	14	36	4.2	4.6	.25	--	930	43
PMK645S	--	N	N	36	35	2.6	1.2	N	--	680	96
PMK646S	--	N	N	41	48	2.7	1.8	N	--	430	69
PMK648S	--	N	N	18	21	2.5	3.2	.63	--	320	60
PMK649S	--	N	N	20	33	2.5	2.2	2.7	--	320	49
PMW201S	--	N	N	25	49	3.3	4.5	N	--	320	44
PMW202S	--	N	N	44	65	4	4.6	N	--	410	63
PMW203S	--	N	N	59	47	3.3	4.1	N	--	430	69
PMW204S	--	N	N	30	42	3.8	4.1	N	--	420	85
PMW205S	--	N	N	40	66	4.8	6.9	.31	--	690	64
PMW206S	--	N	N	21	47	2.1	2.7	N	--	460	54
PMW207S	--	N	N	13	27	2.6	N	N	--	670	210
PMW208S	--	N	N	23	39	3.3	2.2	N	--	440	110
PMW209S	--	N	N	23	58	2.8	2.3	N	--	390	77
PMW210S	--	N	N	30	42	2.6	1.6	N	--	440	77
PMW211S	--	N	N	21	43	3.9	5.1	N	--	350	61
PMW212S	--	N	N	15	63	2.9	3.9	N	--	280	30
PMW213S	--	N	N	23	41	3.3	3.6	N	--	390	65
PMW214S	--	N	N	15	53	2.2	1.1	N	--	390	93
PMW215S	--	N	N	13	38	1.9	1.6	N	--	330	38
PMW216S	--	N	N	18	59	1.8	1	N	--	360	44
PMW217S	20	N	.46	78	77	4.7	7.2	5.2	1.4	350	56
PMW218S	--	N	N	120	39	4.2	5.2	N	--	310	71
PMW219S	--	N	N	39	42	3.8	4.5	N	--	440	110
PMW220S	--	N	N(.04)	8	4.9	N(4)	N	N(.16)	--	1,100	100
PMW221S	.35	N	1.1	6.7	4.1	4	9.8	8	4.1	510	360
PMW222S	--	N	.031	42	47	2.7	2.8	N	--	450	90
PMW223S	--	N	.33	32	24	2.3	N	N	--	450	70

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Cr	ICP-Co	ICP-Ni	ICP-Cu	ICP-Zn	ICP-Cd	ICP-Pb	ICP-Ag	ICP-Mo	ICP-Sn	ICP-As
PMF890S	N	10	20	18	53	N	3	N	N	N	N
PMF891S	N	10	10	18	46	N	N	N	N	N	N
PMF893S	N	5.1	2.7	6	26	N	N	N	N	N	N
PMF895S	N	5.5	1.9	6.1	19	N	N	N	N	N	N
PMK601S	N	9.2	12	17	53	N	N	N	N	N	N
PMK602S	N	13	20	24	70	N	5.1	N	N	N	N
PMK604S	N	5.4	7.8	8.9	59	N	18	N	N	N	N
PMK610S	N	6.4	6.7	7.1	43	N	N	N	N	N	12
PMK611S	N	13	6.3	7.2	47	N	N	N	N	N	N
PMK612S	N	10	10	8.3	54	N	2.5	N	N	N	N
PMK616S	N	4	5.2	7.8	35	N	2.1	N	N	N	N
PMK617S	N	4	2.9	11	23	N	N	N	N	N	120
PMK618S	N	3.7	7	8.5	34	N	4.6	N	N	N	87
PMK619S	N	13	7.4	11	50	N	N	N	N	N	N
PMK620S	N	12	11	15	49	N	N	N	N	N	N
PMK621S	N	11	7.5	18	44	N	N	N	N	N	N
PMK622S	N	9.7	8	19	45	N	3	N	N	N	N
PMK623S	N	9.1	6	6.9	57	N	N	N	N	N	N
PMK624S	N	N	2	3.2	32	N	N	N	N	N	N
PMK625S	N	N	1.9	4.4	33	N	N	N	N	N	N
PMK628S	N	7	4.9	3	41	N	N	N	N	N	N
PMK629S	N	12	12	7.9	58	N	N	N	N	N	N
PMK631S	N	N	N	7.6	6.8	N	6.5	N	1.1	N	21
PMK633S	N	N	2.2	23	39	N	20	N	.87	N	N
PMK635S	N	11	3.4	160	64	N	6.8	N	4.8	N	N
PMK636S	N	14	4.2	66	200	N	19	N	.84	N	N
PMK638S	N	7.6	8.4	16	56	N	N	N	N	N	N
PMK639S	N	9.1	9.7	22	71	N	N	N	N	N	N
PMK640S	N	9.4	9.6	22	53	N	N	N	N	N	N
PMK641S	12	11	N	22	40	N	N	N	N	N	30
PMK642S	N	7.9	10	13	51	N	4	N	N	N	N
PMK643S	N	5.9	11	11	38	N	N	N	N	N	N
PMK644S	N	7.4	7.2	17	180	N	42	N	N	N	33
PMK645S	N	12	5	25	100	N	4.5	N	N	N	N
PMK646S	N	7.5	8.4	13	44	N	N	N	N	N	N
PMK648S	N	7.7	4.2	6.8	31	N	N	N	.76	N	8.5
PMK649S	N	2.3	2.6	9.4	22	N	N	N	N	N	N
PMW201S	--	8.1	9.3	10	50	N	3.3	N	N	N	N
PMW202S	--	8.4	14	12	49	N	N	N	N	N	N
PMW203S	--	11	14	19	35	N	N	N	N	N	N
PMW204S	--	9.3	8.5	10	48	N	N	N	N	N	N
PMW205S	--	11	9.4	21	46	N	N	N	N	N	N
PMW206S	--	12	18	17	56	N	N	N	N	N	N
PMW207S	--	18	10	N	93	N	N	N	N	N	N
PMW208S	--	11	12	12	65	N	N	N	N	N	N
PMW209S	--	7.7	13	15	55	N	N	N	N	N	N
PMW210S	--	7	4.9	6.4	37	N	N	N	N	N	N
PMW211S	--	6	8.2	20	44	N	N	N	N	N	N
PMW212S	--	6.9	18	19	59	N	3	N	N	N	N
PMW213S	--	6.8	11	16	48	N	N	N	N	N	N
PMW214S	--	8.9	15	13	57	N	N	N	N	N	N
PMW215S	--	6.3	14	15	50	N	N	N	N	N	N
PMW216S	--	8.3	18	21	62	N	3.3	N	N	N	N
PMW217S	20	10	22	19	66	N	11	N	N	N	12
PMW218S	--	6.5	6.9	8.5	37	N	N	N	N	N	N
PMW219S	--	9.3	7.9	9.9	56	N	N	N	N	N	N
PMW220S	--	34	16	N(.6)	190	N(.8)	N(8)	N(1.2)	N(1.6)	N(8)	N(8)
PMW221S	31	14	14	8.5	100	N	N	N	N	5.6	6.1
PMW222S	--	11	5.3	4.5	43	N	N	N	N	N	N
PMW223S	--	14	6.4	N	60	N	N	N	N	N	N

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	Latitude	Longitude	ICP-Na	ICP-K	ICP-Mg	ICP-Ca	ICP-Fe	ICP-Al	ICP-Ti	ICP-P
PMW224S	55 34 48	160 43 31	--	--	3,400	3,600	21,000	9,300	7.1	390
PMW225S	55 37 51	160 42 37	--	--	3,200	1,400	110,000	9,800	160	1,000
PMW226S	55 40 5	160 40 40	--	--	4,600	2,100	82,000	13,000	570	500
PMW227S	55 39 41	160 36 30	--	--	5,200	4,100	77,000	13,000	1,200	160
PMW228S	55 39 40	160 36 42	--	--	4,600	3,800	27,000	9,600	21	330
PMW229S	55 36 25	160 36 50	--	--	4,800	3,800	36,000	11,000	67	340
PMW230S	55 36 23	160 36 56	--	--	4,500	3,100	38,000	11,000	47	350
PMW231S	55 18 40	160 30 53	--	--	4,100	6,400	32,000	25,000	1,100	230
PMW232S	55 20 28	160 24 27	--	--	8,200	9,700	46,000	23,000	1,100	86
PMW233S	55 19 53	160 20 55	--	--	8,300	8,300	64,000	19,000	1,200	57
PMW234S	55 19 58	160 28 29	--	--	4,500	7,800	53,000	20,000	440	380
PMW235S	55 36 14	160 33 15	--	--	4,700	1,200	25,000	7,800	21	340
PMW236S	55 37 28	160 33 0	--	--	5,600	4,200	45,000	13,000	360	280
PMW237S	55 35 3	160 32 13	--	--	7,200	3,100	59,000	16,000	290	490
PMW238S	55 35 46	160 29 3	--	--	1,500	440	20,000	2,600	36	160
PMW239S	55 36 28	160 27 33	--	--	4,900	2,400	39,000	14,000	180	340
PMW240S	55 34 46	160 27 57	--	--	8,000	4,800	64,000	22,000	940	280
PMW241S	55 48 47	160 1 26	--	--	8,000	4,500	36,000	16,000	31	360
PMW242S	55 47 43	160 2 17	--	--	5,300	5,600	25,000	14,000	940	260
PMW243S	55 49 19	160 4 46	--	--	4,900	8,600	27,000	16,000	830	330
PMW244S	55 50 57	160 8 32	--	--	3,100	3,600	59,000	6,400	750	350
PMW245S	55 49 46	160 16 25	--	--	5,900	5,600	31,000	13,000	310	430
PMW246S	55 47 50	160 13 56	--	--	8,800	8,600	53,000	16,000	1,500	600
PMW248S	55 47 53	160 9 12	--	--	8,000	4,300	28,000	11,000	560	480
PMW249S	55 45 14	160 6 25	--	--	7,200	7,000	22,000	14,000	720	340
PMW250S	55 44 39	160 9 21	--	--	6,900	5,700	21,000	13,000	680	320
PMW251S	55 42 19	160 8 30	--	--	7,400	4,100	53,000	16,000	190	500
PMW252S	55 40 31	160 10 2	--	--	5,800	3,500	30,000	13,000	27	490
PMW253S	55 40 31	160 9 54	--	--	9,200	3,500	33,000	15,000	270	390
PMW254S	55 42 29	160 14 10	--	--	15,000	7,600	26,000	20,000	2,000	310
PMW255S	55 42 28	160 13 56	--	--	11,000	8,100	29,000	21,000	860	390
PMW256S	55 44 21	160 16 20	--	--	27,000	7,100	33,000	20,000	1,400	340
PMW257S	55 17 28	160 34 42	--	--	6,300	6,000	48,000	15,000	920	280
PMW258S	55 22 32	160 34 54	--	--	5,400	5,000	28,000	15,000	680	370
PMW259S	55 18 30	160 39 0	--	--	7,000	5,100	68,000	16,000	1,500	220
PMW260S	55 50 29	160 43 41	--	--	3,700	6,300	21,000	8,300	270	460
PMW261S	55 49 10	160 39 15	--	--	6,100	3,300	24,000	9,700	220	280
PMW262S	55 47 39	160 36 28	--	--	4,800	3,000	20,000	7,800	44	210
PMW263S	55 50 38	160 31 21	--	--	6,300	6,300	26,000	14,000	50	360
PMW264S	55 48 27	160 24 9	--	--	3,700	3,900	23,000	12,000	1,500	180
PMW265S	55 46 0	160 15 32	--	--	7,200	3,500	29,000	12,000	490	470
PMW266S	55 45 46	160 24 54	--	--	6,900	4,800	26,000	14,000	130	330
PMW267S	55 45 40	160 25 0	--	--	7,900	3,900	31,000	15,000	19	410
PMW268S	55 46 46	160 27 52	--	--	7,200	4,200	33,000	15,000	57	380
PMW269S	55 44 45	160 29 40	--	--	3,900	2,700	24,000	8,400	13	390
PMW270S	55 44 12	160 29 8	--	--	5,600	2,900	42,000	11,000	200	370
PMW271S	55 44 38	160 35 43	--	--	5,300	2,600	32,000	11,000	210	330
PMW272S	55 41 53	160 36 35	--	--	7,800	4,000	45,000	19,000	110	320
PMW273S	55 42 0	160 36 8	--	--	5,400	4,700	38,000	17,000	97	280
PMW274S	55 19 8	160 36 0	--	--	5,600	3,400	43,000	15,000	840	160
PMW275S	55 20 8	160 41 6	--	--	5,300	4,100	45,000	14,000	1,800	270
PMW276S	55 24 1	160 41 38	--	--	3,800	7,200	21,000	17,000	1,200	280
PMW277S	55 21 58	160 44 48	--	--	3,300	4,200	45,000	9,400	2,400	210
PMW278S	55 21 40	160 44 40	--	--	2,600	4,100	34,000	11,000	2,000	210
PMW279S	55 18 30	160 44 45	--	--	4,400	5,400	40,000	15,000	1,700	250
PMW280S	55 14 20	160 35 24	--	--	4,600	4,100	44,000	15,000	250	210
PMW281S	55 14 27	160 35 26	--	--	4,900	4,700	70,000	19,000	1,100	200
PMW282S	55 14 45	160 34 34	--	--	4,300	3,500	44,000	16,000	1,300	220
PMW283S	55 13 17	160 32 0	--	--	5,500	6,000	54,000	15,000	2,100	180
PMW284S	55 13 40	160 33 41	--	--	5,600	6,700	36,000	18,000	920	150

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Li	ICP-B	ICP-Be	ICP-Sr	ICP-Ba	ICP-La	ICP-Ce	ICP-Y	ICP-Zr	ICP-Mn	ICP-V
PMW224S	--	N	1.7	23	60	4.1	7	1.7	--	310	22
PMW225S	--	N	.027	7.8	7.8	1.1	N	N	--	860	43
PMW226S	--	N	.35	16	23	1.6	N	N	--	370	85
PMW227S	--	N	.047	32	83	4.2	3	N	--	770	180
PMW228S	--	N	1	23	54	4.8	7.4	N	--	370	46
PMW229S	--	N	N	28	62	3.6	4.2	N	--	410	49
PMW230S	--	N	N	19	54	3.7	4.5	N	--	570	44
PMW231S	--	N	1.1	61	70	2.9	2.1	N	--	480	72
PMW232S	--	N	N	110	34	2	N	N	--	420	130
PMW233S	--	N	N	63	32	2	N	N	--	560	140
PMW234S	--	N	.81	75	77	2.5	N	N	--	420	74
PMW235S	--	N	.97	20	38	1.8	1.9	N	--	200	32
PMW236S	--	N	.22	31	23	3.6	4.1	N	--	470	89
PMW237S	--	N	.25	29	15	1.5	N	N	--	400	58
PMW238S	--	N	1.2	8.1	7.8	N	N	N	--	72	21
PMW239S	--	N	.084	18	23	4.6	6.5	N	--	720	46
PMW240S	--	N	N	43	31	3.5	2.2	N	--	1,000	98
PMW241S	--	N	N	31	65	5.5	7.9	N	--	480	57
PMW242S	--	N	N	34	25	3.5	4	.23	--	330	69
PMW243S	--	N	N	63	41	5.1	7.9	1.9	--	510	74
PMW244S	--	N	N	17	3.8	5	7	N	--	400	58
PMW245S	--	N	N	32	93	6.8	11	2.6	--	570	66
PMW246S	--	N	N	43	43	6.7	9.8	.75	--	850	110
PMW248S	--	N	N	18	19	5.2	8.6	2.5	--	530	44
PMW249S	--	N	N	39	17	2.3	2	.19	--	380	50
PMW250S	--	N	N	37	19	2.7	2.9	.4	--	280	55
PMW251S	--	N	N	30	39	2.8	1.7	N	--	570	43
PMW252S	--	N	N	20	70	5.9	11	.93	--	570	40
PMW253S	--	N	N	17	36	4.1	6.4	N	--	470	58
PMW254S	--	N	N	41	21	2.7	2.4	.26	--	440	72
PMW255S	--	N	N	56	38	2.2	N	N	--	330	59
PMW256S	--	N	N(.02)	31	15	2.4	N	N(.08)	--	550	80
PMW257S	--	N	N	55	51	2.5	.92	N	--	710	130
PMW258S	--	N	N	48	57	1.9	1.2	N	--	320	76
PMW259S	--	N	N	48	79	2.7	N	N	--	740	210
PMW260S	--	N	N	52	30	4.3	5.8	.77	--	270	47
PMW261S	--	N	N	39	58	2.8	3	N	--	290	59
PMW262S	--	N	N	28	65	2.4	2.9	.2	--	270	39
PMW263S	--	N	N	54	77	4.8	8.6	.63	--	430	53
PMW264S	--	N	N	30	23	2.8	4.7	N	--	280	81
PMW265S	--	N	N	20	20	3.6	6.3	.4	--	590	50
PMW266S	--	N	N(.02)	42	68	4.1	4.8	.35	--	370	53
PMW267S	--	N	N(.02)	30	74	4.7	6.5	.54	--	470	46
PMW268S	--	N	N(.02)	34	70	4.4	5.5	N(.08)	--	520	61
PMW269S	--	N	N	20	88	3.5	4.7	1.2	--	700	32
PMW270S	--	N	N	18	35	5.2	6.8	N	--	580	59
PMW271S	--	N	N	17	57	2.9	2.9	N	--	380	60
PMW272S	--	N	N	27	49	5.2	7.2	N	--	490	49
PMW273S	--	N	N	35	100	6.7	11	N	--	580	48
PMW274S	--	N	N	76	93	3	3.4	N	--	410	97
PMW275S	--	N	N	47	43	3.8	4.9	N	--	590	96
PMW276S	--	N	N	62	36	3.4	4.9	1.1	--	360	64
PMW277S	--	N	N	36	41	2.8	2.9	N	--	470	120
PMW278S	--	N	N	37	44	2.8	3.3	N	--	480	95
PMW279S	--	N	N	61	74	4.3	5.8	N	--	420	99
PMW280S	--	N	N	34	71	2.7	2.3	N	--	690	100
PMW281S	--	N	N	36	37	2.5	N	N	--	850	140
PMW282S	--	N	N	32	55	1.4	N	N	--	590	120
PMW283S	--	N	N	55	49	3.5	2.2	N	--	590	180
PMW284S	--	N	N	44	35	3.5	3.1	N	--	710	78

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Cr	ICP-Co	ICP-Ni	ICP-Cu	ICP-Zn	ICP-Cd	ICP-Pb	ICP-Ag	ICP-Mo	ICP-Sn	ICP-As
PMW224S	--	6.5	7.8	18	52	N	2.9	N	N	N	N
PMW225S	--	7.2	11	74	150	N	49	N	8.5	N	45
PMW226S	--	7.4	12	140	70	N	10	N	7.8	N	N
PMW227S	--	12	7.4	11	88	N	N	N	N	N	N
PMW228S	--	6.4	9.6	21	63	N	20	N	N	N	N
PMW229S	N	8.1	7.8	12	54	N	N	N	N	N	N
PMW230S	N	12	10	32	150	N	N	N	N	N	N
PMW231S	--	7.2	4.3	11	54	N	N	N	N	N	N
PMW232S	--	12	9.7	18	47	N	N	N	N	N	N
PMW233S	--	15	6.7	7.2	59	N	N	N	N	N	N
PMW234S	--	3.4	7.5	7	53	N	N	N	N	N	26
PMW235S	--	2.7	3.1	33	54	N	23	N	4.9	N	N
PMW236S	--	7.9	5.5	8.5	67	N	5.4	N	N	N	N
PMW237S	--	4.9	3.5	20	42	N	4.5	2.7	N	N	N
PMW238S	--	N	N	4.2	15	N	7	N	.62	N	N
PMW239S	--	18	4.4	42	110	N	15	N	.95	N	N
PMW240S	--	24	5.1	18	93	N	N	N	N	N	N
PMW241S	--	10	12	16	53	N	N	N	N	N	N
PMW242S	--	7.2	5.2	11	38	N	N	N	N	N	N
PMW243S	--	7.3	3.5	16	38	N	N	N	N	N	N
PMW244S	--	6.4	3.4	17	46	N	N	N	N	N	29
PMW245S	--	5.7	4.5	8.7	43	N	N	N	N	N	N
PMW246S	--	9.7	3.2	18	67	N	N	N	N	N	N
PMW248S	--	6.4	4.6	13	46	N	N	N	N	N	N
PMW249S	--	6.9	4.8	15	41	N	N	N	N	N	N
PMW250S	--	6.4	5.7	22	33	N	3.2	N	N	N	N
PMW251S	N	16	17	45	99	N	15	N	.84	N	93
PMW252S	N	12	13	15	59	N	2.3	N	N	N	N
PMW253S	N	12	12	15	61	N	N	N	N	N	N
PMW254S	N	11	18	18	33	N	N	N	N	N	N
PMW255S	N	14	15	35	47	N	N	N	N	N	N
PMW256S	--	16	38	26	39	N	N(4)	N(.6)	N(.8)	N	N
PMW257S	N	9.2	6.4	9.1	59	N	N	N	N	N	N
PMW258S	N	6	3.4	7.3	41	N	N	N	N	N	N
PMW259S	N	12	6.8	19	82	N	N	N	N	N	N
PMW260S	N	6.5	9.3	9.4	25	N	N	N	N	N	N
PMW261S	N	6.8	11	15	39	N	N	N	N	N	N
PMW262S	N	6	9.8	17	37	N	N	N	N	N	N
PMW263S	N	12	9.5	18	53	N	2.5	N	.48	N	N
PMW264S	N	14	4.8	5.7	35	N	5.4	.34	1.7	N	N
PMW265S	N	14	7.4	19	52	N	30	N	1	N	3
PMW266S	--	4.5	13	12	51	N	N(4)	N(.6)	N(.8)	N	N
PMW267S	--	5.1	12	15	60	N	N(4)	N(.6)	N(.8)	N	N
PMW268S	--	6.8	13	21	110	N	12	N(.6)	N(.8)	N	N
PMW269S	N	3.9	14	21	160	N	37	N	N	N	N
PMW270S	N	9.2	13	34	140	N	13	N	N	N	N
PMW271S	N	5.2	11	19	53	N	N	N	N	N	N
PMW272S	17	13	13	32	80	N	N	N	N	N	N
PMW273S	18	7.2	9.5	12	62	N	N	N	N	N	N
PMW274S	32	6.9	6.8	5.6	47	N	N	N	N	N	N
PMW275S	25	8.6	7.3	4.6	47	N	N	N	N	N	N
PMW276S	19	5.8	4.7	5.2	35	N	N	N	N	N	N
PMW277S	29	8.5	5.5	2.5	48	N	4.4	N	N	N	N
PMW278S	22	6.8	4.7	2.8	42	N	N	N	N	N	N
PMW279S	24	8.3	8	7.9	51	N	N	N	N	N	N
PMW280S	28	7.9	6.7	15	57	N	N	N	N	N	N
PMW281S	30	14	14	22	130	N	6.2	N	N	N	55
PMW282S	32	11	7.8	19	73	N	N	N	N	N	N
PMW283S	40	10	12	14	47	N	N	N	N	N	N
PMW284S	17	5.3	3.9	11	74	N	N	N	N	N	N

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	Latitude	Longitude	ICP-Na	ICP-K	ICP-Mg	ICP-Ca	ICP-Fe	ICP-Al	ICP-Ti	ICP-P
PMW285S	55 12 5	160 35 30	--	--	5,800	4,500	55,000	14,000	2,000	92
PMW286S	55 12 0	160 35 32	--	--	7,800	6,300	75,000	22,000	3,900	140
PMW287S	55 11 58	160 35 27	--	--	4,900	4,500	62,000	13,000	2,600	96
PMW288S	55 11 20	160 33 20	--	--	6,000	4,900	55,000	18,000	2,000	210
PMW289S	55 10 10	160 33 55	--	--	4,800	6,400	28,000	24,000	1,700	220
PMW290S	55 10 10	160 34 9	--	--	5,900	5,400	46,000	20,000	1,800	180
PMW291S	55 15 51	160 37 17	--	--	6,400	3,000	47,000	18,000	1,100	210
PMW292S	55 16 39	160 38 9	--	--	8,400	3,300	49,000	18,000	490	270
PMW293S	55 15 22	160 42 25	--	--	4,200	3,900	26,000	13,000	220	190
PMW294S	55 14 42	160 42 40	--	--	5,200	6,100	55,000	18,000	2,300	150
PMW295S	55 14 18	160 44 6	--	--	3,800	6,200	36,000	11,000	920	350
PMW296S	55 13 12	160 44 57	--	--	6,400	7,200	32,000	19,000	1,600	210
PMW297S	55 11 47	160 45 19	--	--	4,000	5,300	55,000	10,000	3,000	270
PMW298S	55 9 3	160 48 24	--	--	3,800	6,800	26,000	18,000	1,500	230
PMW299S	55 14 28	160 49 58	--	--	6,300	7,500	26,000	17,000	970	240
PMW300S	55 12 13	160 47 21	--	--	6,500	6,800	23,000	13,000	220	290
PMW301S	55 12 49	160 40 40	--	--	7,700	8,100	59,000	22,000	1,700	220
PMW302S	55 12 47	160 40 30	--	--	5,200	6,000	36,000	17,000	1,500	190
PMW303S	55 12 40	160 39 43	--	--	4,900	3,200	57,000	20,000	1,000	200
PMW304S	55 10 12	160 39 28	--	--	5,000	5,800	36,000	17,000	1,700	160
PMW305S	55 11 27	160 32 55	--	--	5,800	5,300	39,000	19,000	1,400	270
PMW306S	55 13 14	160 35 29	--	--	2,800	3,400	30,000	14,000	840	250
PMW307S	55 13 18	160 35 32	--	--	7,800	3,800	51,000	16,000	330	230
PMW308S	55 18 57	160 41 44	--	--	5,200	4,600	22,000	14,000	720	210
PMW309S	55 17 42	160 49 52	--	--	4,500	4,600	35,000	14,000	2,200	180
PMW310S	55 36 13	161 19 40	--	--	4,300	5,500	35,000	9,700	1,000	350
PMW311S	55 41 49	161 12 20	--	--	4,700	4,200	47,000	10,000	1,200	330
PMW312S	55 41 47	161 12 33	--	--	3,700	4,500	45,000	9,400	1,700	370
PMW313S	55 40 40	161 6 40	--	--	4,900	3,500	60,000	8,500	1,800	330
PMW314S	55 40 43	161 6 45	--	--	4,300	6,400	47,000	14,000	2,000	280
PMW315S	55 44 59	161 3 49	--	--	4,100	5,100	48,000	10,000	1,700	360
PMW316S	55 45 39	161 14 49	--	--	4,700	5,600	47,000	14,000	2,000	310
PMW317S	55 45 42	161 14 30	--	--	3,800	3,700	51,000	9,300	2,200	260
PMW318S	55 48 0	161 8 35	--	--	3,400	4,800	48,000	8,200	1,500	400
PMW319S	55 48 12	160 57 13	--	--	5,600	5,600	39,000	14,000	930	310
PMW320S	55 31 39	160 55 35	--	--	6,400	2,600	41,000	11,000	330	380
PMW321S	55 30 42	160 48 42	--	--	3,300	5,500	76,000	8,900	2,700	260
PMW322S	55 30 58	160 47 49	--	--	4,100	4,100	33,000	10,000	720	300
PMW323S	55 19 2	160 2 0	--	--	3,800	6,900	27,000	15,000	940	200
PMW324S	55 20 36	160 4 43	--	--	5,900	16,000	56,000	7,400	5.3	450
PMW325S	55 24 32	160 12 45	--	--	5,500	4,900	33,000	15,000	330	330
PMW326S	55 25 58	160 11 15	--	--	5,400	5,000	37,000	15,000	2,200	170
PMW327S	55 26 34	160 9 48	--	--	4,900	6,000	29,000	15,000	1,400	150
PMW328S	55 25 39	160 14 47	--	--	9,800	6,800	57,000	19,000	1,400	300
PMW329S	55 25 6	160 15 49	--	--	16,000	9,700	75,000	22,000	3,000	230
PMW330S	55 24 39	160 20 10	--	--	18,000	6,800	46,000	19,000	1,500	230
PMW331S	55 24 52	160 20 17	240	54	19,000	3,200	45,000	22,000	N	N
PMW332S	55 18 38	160 25 55	--	--	6,200	7,200	42,000	20,000	1,300	200
PMW333S	55 31 43	161 5 10	--	--	5,200	3,500	29,000	12,000	18	370
PMW334S	55 32 37	161 11 34	--	--	5,900	3,500	43,000	9,800	880	340
PMW335S	55 31 20	161 23 26	--	--	6,200	4,500	30,000	12,000	460	300
PMW336S	55 31 18	161 23 34	--	--	7,100	5,000	34,000	12,000	550	300
PMW337S	55 28 30	161 25 53	--	--	6,600	5,500	25,000	13,000	900	260
PMW338S	55 28 26	161 26 5	--	--	10,000	5,400	34,000	14,000	770	320
PMW339S	55 36 33	160 48 26	--	--	4,600	2,700	47,000	8,000	100	470
PMW340S	55 46 14	160 42 1	--	--	7,500	4,700	26,000	12,000	240	250
PMW341S	55 29 20	160 29 50	--	--	4,100	4,200	42,000	12,000	2,100	200
PMW342S	55 29 29	160 29 40	--	--	3,300	2,800	88,000	7,500	2,600	160
PMW343S	55 29 22	160 29 28	--	--	3,800	4,100	60,000	9,500	2,500	160
PMW344S	55 22 30	161 24 30	--	--	17,000	4,900	41,000	9,000	1,500	80

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Li	ICP-B	ICP-Be	ICP-Sr	ICP-Ba	ICP-La	ICP-Ce	ICP-Y	ICP-Zr	ICP-Mn	ICP-V
PMW285S	--	N	N	56	71	2.5	N	N	--	730	210
PMW286S	--	N	N	65	100	3.7	.97	N	--	960	320
PMW287S	--	N	N	48	83	2.9	N	N	--	760	200
PMW288S	--	N	N	53	73	3.4	1.8	N	--	740	180
PMW289S	--	N	N	54	70	2.6	1.4	N	--	300	78
PMW290S	--	N	N	40	50	2.2	N	N	--	580	130
PMW291S	--	N	N	27	32	2.3	N	N	--	800	91
PMW292S	--	N	N	34	25	1.3	N	N	--	550	56
PMW293S	--	N	N	56	110	5.6	8.6	N	--	490	54
PMW294S	--	N	N	110	94	2.7	N	N	--	700	190
PMW295S	--	N	N	53	170	7.5	13	.62	--	530	110
PMW296S	--	N	N	100	85	3.1	2.9	N	--	490	84
PMW297S	--	N	N	56	95	5.4	6.5	N	--	730	240
PMW298S	--	N	N	76	90	3.7	4.6	N	--	670	74
PMW299S	--	N	N	89	140	5.4	10	3.7	--	600	61
PMW300S	--	N	N	78	210	7.3	12	1.8	--	740	42
PMW301S	--	N	N	59	45	3.2	1.3	N	--	870	160
PMW302S	--	N	N	37	33	1.6	N	N	--	590	110
PMW303S	--	N	N	21	29	1.8	N	N	--	480	100
PMW304S	--	N	N	53	51	3.8	3.8	N	--	520	120
PMW305S	--	N	N	48	49	3.6	3.3	N	--	770	130
PMW306S	--	N	N	22	32	1.9	N	N	--	550	71
PMW307S	--	N	N	20	31	2.8	2.1	N	--	590	59
PMW308S	--	N	N	72	70	2.8	3.8	N	--	400	59
PMW309S	--	N	N	40	44	1.9	1.3	N	--	570	100
PMW310S	--	N	N	41	26	2.9	2.6	N	--	420	85
PMW311S	--	N	N	28	68	2.9	2.8	N	--	570	98
PMW312S	--	N	N	53	39	3.5	3.6	N	--	400	110
PMW313S	--	N	N	28	38	3.6	2.7	N	--	510	120
PMW314S	--	N	N	59	30	2.8	1.3	N	--	670	110
PMW315S	--	N	N	52	58	3.7	3.7	N	--	480	110
PMW316S	--	N	N	37	53	2.7	1.9	N	--	710	110
PMW317S	--	N	N	26	45	3.5	3.2	N	--	660	140
PMW318S	--	N	N	30	17	2.6	1.6	N	--	390	120
PMW319S	--	N	N	62	62	4.1	4.8	N	--	710	83
PMW320S	--	N	N	19	56	2.6	2.5	N	--	440	60
PMW321S	--	N	N	34	26	3.5	2.3	N	--	580	180
PMW322S	--	N	N	39	37	3.7	5.1	N	--	470	86
PMW323S	--	N	N	60	48	2.3	2.1	N	--	580	91
PMW324S	--	N	N	40	8.6	7.6	10	N	--	4,300	47
PMW325S	--	N	N	56	83	3.8	5.1	N	--	470	70
PMW326S	--	N	N	52	43	2	N	N	--	500	130
PMW327S	--	N	N	64	45	1.8	N	N	--	350	110
PMW328S	--	N	N	54	43	3.3	2	N	--	620	170
PMW329S	--	N	N	62	25	3.5	N	N	--	690	280
PMW330S	--	N	N	51	24	3.1	3.9	N	--	460	170
PMW331S	22	N	.36	N	4.7	1.3	N	3.8	N	700	N
PMW332S	--	N	N	74	63	2.8	1.1	N	--	520	150
PMW333S	--	N	.48	23	69	3.5	4.7	N	--	390	39
PMW334S	--	N	.41	21	52	3	2.8	N	--	350	89
PMW335S	--	N	N	32	69	3.5	4.6	N	--	510	57
PMW336S	--	N	.19	37	67	3.7	4.5	N	--	470	67
PMW337S	--	N	.32	50	46	3.3	4	N	--	400	54
PMW338S	--	N	.13	45	65	3.6	4.1	N	--	470	69
PMW339S	--	N	N	22	78	1.9	1	N	--	480	48
PMW340S	--	N	N	220	140	3.6	3.3	N	--	290	48
PMW341S	--	N	N	36	25	2	1.5	N	--	550	140
PMW342S	--	N	N	21	16	2.9	N	N	--	460	190
PMW343S	--	N	N	32	22	2.6	1.4	N	--	750	160
PMW344S	--	N	N	29	28	1.4	N	N	--	460	110

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Cr	ICP-Co	ICP-Ni	ICP-Cu	ICP-Zn	ICP-Cd	ICP-Pb	ICP-Ag	ICP-Mo	ICP-Sn	ICP-As
PMW285S	72	12	15	18	81	N	N	N	N	N	N
PMW286S	73	15	17	21	79	N	N	N	N	N	N
PMW287S	47	9.6	11	14	71	N	N	N	N	N	N
PMW288S	45	11	11	61	210	N	46	N	N	N	N
PMW289S	22	5.2	4.6	11	45	N	N	N	N	N	N
PMW290S	32	11	8.4	16	57	N	N	N	N	N	N
PMW291S	17	7.9	3.6	59	100	N	4.9	N	N	N	N
PMW292S	13	3.3	2.6	28	61	N	N	N	N	N	N
PMW293S	18	4.5	5.4	8	53	N	N	N	N	N	N
PMW294S	42	9	7.8	11	52	N	N	N	N	N	N
PMW295S	26	5.8	7.2	7.1	46	N	N	N	N	N	N
PMW296S	29	6.6	12	6.9	35	N	N	N	N	N	N
PMW297S	49	8.8	10	2.5	90	N	N	N	N	N	N
PMW298S	21	5.7	5.4	7.3	40	N	N	N	N	N	N
PMW299S	19	7.2	10	12	47	N	N	N	N	N	N
PMW300S	17	4	3.7	5.3	43	N	N	N	N	N	N
PMW301S	30	9.8	7.8	17	66	N	N	N	N	N	N
PMW302S	25	7.2	5	8.2	42	N	N	N	N	N	N
PMW303S	27	4.4	7.6	31	47	N	N	N	N	N	N
PMW304S	27	5.8	6.7	12	46	N	N	N	N	N	N
PMW305S	28	10	10	220	210	N	76	N	N	N	N
PMW306S	20	15	10	11	52	N	N	N	N	N	N
PMW307S	18	8.4	7.6	22	43	N	N	N	N	N	3.2
PMW308S	17	5.3	10	9.5	36	N	N	N	N	N	N
PMW309S	24	8.2	15	7.5	43	N	N	N	N	N	N
PMW310S	23	5.2	8.2	5.6	45	N	N	N	N	N	N
PMW311S	26	8	10	12	66	N	N	N	N	N	N
PMW312S	24	6.7	9	4.9	53	N	N	N	N	N	N
PMW313S	26	8.9	11	3.5	72	N	N	N	N	N	N
PMW314S	25	7.4	4.6	1.1	46	N	N	N	N	N	N
PMW315S	23	8	9.1	5.4	63	N	N	N	N	N	N
PMW316S	21	7	6.4	4.5	57	N	N	N	N	N	N
PMW317S	19	8.4	7.9	3.7	54	N	N	N	N	N	N
PMW318S	21	6.4	6.8	2	56	N	N	N	N	N	N
PMW319S	20	5.6	7.4	4.6	50	N	N	N	N	N	N
PMW320S	24	7.2	20	15	67	N	N	N	N	N	N
PMW321S	11	12	6.9	N	66	N	N	N	N	N	N
PMW322S	--	8.8	5.9	5.2	45	N	N	N	N	N	N
PMW323S	--	8.1	4.3	8.5	33	N	N	N	N	N	N
PMW324S	--	12	11	27	51	N	10	N	N	N	N
PMW325S	--	9.7	9	14	51	N	N	N	N	N	N
PMW326S	--	11	5.5	8.2	44	N	N	N	N	N	N
PMW327S	--	9.4	5.8	7.7	40	N	N	N	N	N	N
PMW328S	--	16	10	13	54	N	N	N	N	N	N
PMW329S	--	21	8	9	58	N	N	N	N	N	N
PMW330S	--	24	8.2	10	44	N	9.4	.55	1.4	N	N
PMW331S	87	17	N	120	55	N	N	N	N	N	18
PMW332S	--	9.8	7.2	10	50	N	N	N	N	N	N
PMW333S	--	9.1	9.9	20	53	N	N	N	N	N	N
PMW334S	--	10	13	9.8	56	N	N	N	N	N	N
PMW335S	--	9.5	7	12	43	N	N	N	N	N	N
PMW336S	--	9.9	6.9	11	44	N	N	N	N	N	N
PMW337S	--	9	6.3	8.2	35	N	N	N	N	N	N
PMW338S	--	12	8.6	12	43	N	N	N	N	N	N
PMW339S	--	12	23	25	74	N	3.6	N	N	N	N
PMW340S	--	7.8	14	15	41	N	N	N	N	N	N
PMW341S	--	12	4.1	4	41	N	N	N	N	N	N
PMW342S	--	16	5.4	N	71	N	N	N	N	N	N
PMW343S	--	14	5	2.9	55	N	N	N	N	N	N
PMW344S	--	16	10	6.6	49	N	N	N	N	N	N

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	Latitude	Longitude	ICP-Na	ICP-K	ICP-Mg	ICP-Ca	ICP-Fe	ICP-Al	ICP-Ti	ICP-P
PMW345S	55 23 8	161 16 44	--	--	11,000	6,400	42,000	16,000	1,200	190
PMW346S	55 23 2	161 16 41	--	--	9,100	5,700	25,000	15,000	920	240
PMW347S	55 25 3	161 13 41	--	--	8,700	4,900	36,000	13,000	740	230
PMW348S	55 27 32	160 44 10	--	--	3,400	3,300	64,000	8,200	2,600	170
PMW349S	55 29 49	161 1 30	--	--	7,100	5,500	44,000	16,000	1,000	290
PMW350S	55 40 2	160 59 6	--	--	6,000	4,200	26,000	12,000	390	300
PMW351S	55 41 19	161 7 53	--	--	2,600	4,500	59,000	8,200	2,000	370
PMW352S	55 44 19	160 56 0	--	--	6,000	5,400	26,000	13,000	650	300
PMW353S	55 38 34	161 7 24	--	--	3,800	3,800	67,000	6,600	2,100	370
PMW354S	55 57 45	159 48 20	--	--	5,400	10,000	39,000	14,000	1,200	290
PMW355S	55 57 47	159 48 10	--	--	2,200	4,000	46,000	8,400	1,900	210
PMW356S	55 55 18	159 47 20	--	--	4,900	4,200	25,000	12,000	120	280
PMW357S	55 52 48	159 47 10	--	--	6,000	5,200	29,000	14,000	21	260
PMW358S	55 52 55	159 47 10	--	--	5,000	5,100	38,000	17,000	1,600	230
PMW359S	55 50 16	159 53 3	--	--	5,900	2,200	47,000	19,000	460	340
PMW360S	55 55 37	159 52 50	--	--	2,200	3,300	86,000	7,700	2,000	270
PMW361S	55 55 39	159 52 42	--	--	5,600	17,000	37,000	23,000	700	340
PMW362S	55 54 17	159 51 3	--	--	5,200	3,200	29,000	11,000	46	340
PMW363S	55 52 50	159 55 21	--	--	4,800	4,500	25,000	7,200	1,400	240
PMW364S	55 51 19	159 57 16	--	--	3,400	2,300	51,000	7,000	2,200	160
PMW365S	55 49 58	159 57 3	--	--	3,400	3,000	23,000	10,000	29	420
PMW366S	55 47 47	159 54 0	--	--	3,800	4,100	22,000	12,000	71	310
PMW367S	55 49 30	159 56 48	--	--	7,400	3,900	58,000	16,000	330	470
PMW368S	55 50 52	160 0 5	--	--	7,400	7,400	34,000	11,000	13	360
PMW369S	55 51 9	160 1 45	--	--	2,500	2,600	47,000	6,700	2,000	290
PMW370S	55 43 33	160 4 10	--	--	6,200	7,400	24,000	15,000	700	320
PMW371S	55 42 42	160 6 42	--	--	7,100	2,600	32,000	13,000	7.1	510
PMW372S	55 41 3	160 17 32	140	160	14,000	1,800	13,000	13,000	N	N
PMW373S	55 41 0	160 17 44	240	490	9,200	3,000	33,000	17,000	N	N
PMW374S	55 43 50	160 18 6	180	360	9,600	1,300	33,000	16,000	N	N
PMW375S	55 43 58	160 22 8	280	930	6,200	1,700	24,000	13,000	N	N
PMW376S	55 42 4	160 32 0	160	210	4,000	1,900	15,000	7,700	N	N
PMW377S	55 41 46	160 36 0	230	280	18,000	1,100	51,000	27,000	N	N
PMW378S	55 38 32	160 31 33	230	370	11,000	2,000	39,000	19,000	N	N
PMW379S	55 31 57	160 33 47	190	480	9,300	2,600	32,000	16,000	N	N
PMW380S	55 37 45	161 32 48	360	870	13,000	1,900	45,000	23,000	N	N
PMW381S	55 48 18	161 30 45	190	400	10,000	1,600	34,000	17,000	N	N
PMW382S	55 52 43	161 26 25	250	300	19,000	15,000	37,000	17,000	N	N
PMW383S	55 47 45	161 59 36	280	510	10,000	2,100	26,000	11,000	N	N
PMW384S	55 44 24	161 58 35	--	--	5,800	8,600	47,000	17,000	2,400	180
PMW385S	55 41 0	161 58 22	--	--	7,100	7,200	38,000	15,000	1,700	87
PMW386S	55 38 23	161 54 32	--	--	11,000	7,300	53,000	12,000	2,700	110
PMW387S	55 33 40	161 59 10	--	--	24,000	6,400	45,000	8,900	1,500	48
PMW388S	55 33 41	161 59 20	--	--	22,000	4,800	67,000	7,400	1,700	N
PMW389S	55 32 39	161 52 19	--	--	10,000	7,600	28,000	13,000	1,800	120
PMW390S	55 32 34	161 52 17	--	--	17,000	6,600	35,000	9,400	2,300	53
PMW391S	55 28 38	161 59 54	--	--	11,000	5,100	26,000	7,200	1,600	72
PMW392S	55 48 48	160 30 52	--	--	6,600	7,200	55,000	17,000	1,100	210
PMW393S	55 54 49	160 18 9	--	--	5,200	4,600	30,000	11,000	590	270
PMW394S	55 54 45	160 18 20	--	--	5,900	4,600	40,000	10,000	1,000	260
PMW395S	55 57 12	160 19 27	--	--	2,900	3,300	36,000	8,800	890	330
PMW396S	55 58 38	160 19 2	--	--	5,300	4,300	42,000	10,000	2,300	120
PMW397S	55 59 40	160 25 30	--	--	4,200	4,700	30,000	8,800	1,900	150
PMW398S	55 56 50	160 30 30	--	--	2,800	3,100	27,000	7,100	1,600	200
PMW399S	55 54 44	160 25 16	--	--	4,500	3,500	31,000	8,300	1,400	210
PMW400S	55 51 58	160 19 12	--	--	5,000	4,100	37,000	8,800	1,000	240
PMW401S	55 51 22	160 12 35	--	--	5,100	5,300	45,000	10,000	1,300	190
PMW402S	55 51 19	160 12 30	--	--	8,500	7,900	62,000	15,000	2,900	500
PMW403S	55 53 33	160 10 17	--	--	6,200	6,300	48,000	11,000	1,700	360
PMW404S	55 53 28	160 10 15	--	--	6,200	5,700	49,000	9,600	420	580

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Li	ICP-B	ICP-Be	ICP-Sr	ICP-Ba	ICP-La	ICP-Ce	ICP-Y	ICP-Zr	ICP-Mn	ICP-V
PHW345S	--	N	N	35	42	2.1	N	N	--	470	100
PHW346S	--	N	N	46	39	2.3	2.1	N	--	450	47
PHW347S	--	N	N	31	47	3.1	2.8	N	--	440	72
PHW348S	--	N	N	23	17	2.8	.99	N	--	510	220
PHW349S	--	N	N	60	91	3.9	4.6	N	--	490	90
PHW350S	--	N	N	45	26	3.4	3.8	N	--	340	48
PHW351S	--	N	N	35	19	2.9	1.5	N	--	460	130
PHW352S	--	N	N	120	55	4.2	4.7	N	--	310	53
PHW353S	--	N	N	23	14	2.4	N	N	--	470	150
PHW354S	--	N	N	61	35	2.9	2	N	--	540	120
PHW355S	--	N	N	34	19	1.3	N	N	--	310	140
PHW356S	--	N	N	33	34	3.7	5.4	N	--	280	49
PHW357S	--	N	N	58	55	3.2	3.3	N	--	380	50
PHW358S	--	N	N	59	45	2.5	1.7	N	--	460	130
PHW359S	--	N	N	18	38	3.5	3.3	N	--	340	60
PHW360S	--	N	N	31	2	1.5	N	N	--	220	140
PHW361S	--	N	N	98	36	3	1.4	N	--	580	95
PHW362S	--	N	N	27	53	4.7	8.4	.18	--	320	38
PHW363S	--	N	N	32	20	2.1	1.9	N	--	220	96
PHW364S	--	N	N	15	22	1.9	N	N	--	430	180
PHW365S	--	N	N	18	37	3.5	6	1.3	--	580	33
PHW366S	--	N	N	31	40	5.6	8.9	N	--	340	32
PHW367S	--	N	N	32	47	5.1	6.4	N	--	750	60
PHW368S	--	N	N	31	40	3.5	3.8	.14	--	530	49
PHW369S	--	N	N	17	24	3.2	4.3	N	--	330	150
PHW370S	--	N	N	36	39	3.9	5.6	N	--	420	54
PHW371S	--	N	N	26	64	5.3	9.1	N	--	350	24
PHW372S	14	N	.16	N	15	18	43	5.2	4	57	N
PHW373S	26	N	.28	N	16	33	27	16	11	550	N
PHW374S	16	N	.18	N	9.6	3.1	N	3.5	6.9	420	N
PHW375S	17	N	.27	N	25	11	22	3.4	5.7	320	N
PHW376S	12	N	.15	N	6.2	12	33	6.4	4	220	N
PHW377S	21	N	.34	N	15	8	12	3.3	8.9	350	N
PHW378S	21	N	.21	N	12	11	25	8.8	7.2	430	N
PHW379S	15	N	.43	N	15	270	610	47	9.6	610	N
PHW380S	21	N	.28	N	24	9.5	16	4.3	5.8	550	N
PHW381S	15	N	.19	N	13	8.9	16	3.6	3	360	N
PHW382S	11	N	.26	N	12	1.4	N	2.5	N	600	N
PHW383S	3.5	N	.31	N	15	5.4	8.9	3.5	N	230	N
PHW384S	--	N	N	55	58	2.9	1.9	N	--	920	120
PHW385S	--	N	N	49	45	2.1	N	N	--	430	110
PHW386S	--	N	N	37	16	1.8	N	N	--	490	99
PHW387S	--	N	N(.04)	33	5.6	N(4)	N	N(.16)	--	490	130
PHW388S	--	N	N	23	4	N	N	N	--	520	120
PHW389S	--	N	N	40	21	1.4	N	N	--	290	88
PHW390S	--	N	N	32	6.1	N	N	N	--	340	160
PHW391S	--	N	N(.02)	28	6.3	N(2)	N	N(.08)	--	310	120
PHW392S	--	N	N	56	97	5.2	6.3	N	--	610	170
PHW393S	--	N	N	37	78	5.5	8.8	1.2	--	510	63
PHW394S	--	N	N	37	58	6.5	9.8	N	--	490	96
PHW395S	--	N	N	25	53	3.6	4.9	N	--	570	63
PHW396S	--	N	N	26	27	1.8	N	N	--	340	110
PHW397S	--	N	N	33	30	3	3.7	N	--	350	87
PHW398S	--	N	N	21	34	4.7	7	N	--	330	86
PHW399S	--	N	N	29	30	5.5	8.2	N	--	340	79
PHW400S	--	N	N	36	62	6	8.8	N	--	430	83
PHW401S	--	N	N	50	42	4.1	4.4	N	--	450	120
PHW402S	--	N	N	41	44	7.2	10	.28	--	890	170
PHW403S	--	N	N(.02)	68	41	4.8	5	N(.08)	--	540	180
PHW404S	--	N	N	30	75	8.8	14	2.2	--	910	66

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Cr	ICP-Co	ICP-Ni	ICP-Cu	ICP-Zn	ICP-Cd	ICP-Pb	ICP-Ag	ICP-Mo	ICP-Sn	ICP-As
PMW345S	--	13	7.4	13	43	N	N	N	N	N	N
PMW346S	--	10	20	12	28	N	N	N	N	N	N
PMW347S	--	9.8	7.6	11	41	N	N	N	N	N	N
PMW348S	--	13	5.5	.4	50	N	N	N	N	N	N
PMW349S	--	11	8.9	14	51	N	N	N	N	N	N
PMW350S	--	7.1	11	16	56	N	2.1	N	N	N	N
PMW351S	--	12	5.4	N	70	N	N	N	N	N	N
PMW352S	--	6	11	9.8	39	N	N	N	N	N	N
PMW353S	--	15	7.5	.19	81	N	N	N	N	N	N
PMW354S	--	9.9	4.6	14	39	N	N	N	N	N	N
PMW355S	--	7.3	4.2	5.1	29	N	N	N	N	N	N
PMW356S	--	6.4	8.8	9.4	41	N	N	N	N	N	N
PMW357S	--	7.5	7.6	8.8	38	N	N	N	N	N	N
PMW358S	--	10	6.2	9.3	44	N	N	N	N	N	N
PMW359S	--	17	5.3	200	60	N	N	N	6.1	N	N
PMW360S	--	9.7	9.4	25	35	N	N	N	N	N	20
PMW361S	--	6.7	2.4	18	28	N	N	N	N	N	N
PMW362S	--	7	12	8.2	49	N	N	N	N	N	N
PMW363S	--	8.4	13	13	26	N	N	N	N	N	N
PMW364S	--	16	7.1	9.8	50	N	N	N	N	N	N
PMW365S	--	11	8.1	11	49	N	5.5	N	N	N	N
PMW366S	--	7.1	12	11	43	N	2.1	N	N	N	N
PMW367S	--	32	12	76	110	N	20	N	.55	N	51
PMW368S	--	8.4	8.8	11	42	N	N	N	N	N	N
PMW369S	--	12	6.7	13	47	N	N	N	N	N	N
PMW370S	--	10	6.5	14	41	N	N	N	N	N	N
PMW371S	--	10	19	18	64	N	3.8	N	N	N	N
PMW372S	19	4.9	N	1.5	28	N	N	N	N	N	6.2
PMW373S	24	12	N	36	77	N	N	N	N	N	10
PMW374S	23	8.2	N	18	68	N	N	N	N	N	11
PMW375S	20	8.2	N	23	51	N	N	N	N	N	12
PMW376S	21	8	N	11	35	N	N	N	N	N	8.7
PMW377S	52	13	N	24	32	N	N	N	N	N	8.7
PMW378S	38	13	N	12	69	N	N	N	N	N	10
PMW379S	27	19	N	100	73	N	N	1.2	N	N	22
PMW380S	36	13	N	14	89	N	N	N	N	N	9.3
PMW381S	27	11	N	5.5	51	N	N	N	N	N	8.2
PMW382S	23	23	N	90	58	N	N	N	N	N	6.5
PMW383S	29	12	N	5.3	40	N	N	N	N	N	6.6
PMW384S	N	16	9.4	6.2	41	N	N	N	N	N	N
PMW385S	N	12	6.6	4.9	37	N	N	N	N	N	N
PMW386S	N	18	9.2	3.9	54	N	N	N	N	N	N
PMW387S	--	13	9.3	1.9	41	N(.8)	N(8)	N(1.2)	N(1.6)	N(8)	N(8)
PMW388S	N	25	8.3	2.6	48	N	N	N	N	N	N
PMW389S	N	13	5.8	4.7	29	N	N	N	N	N	N
PMW390S	N	15	9.1	4.9	26	N	N	N	N	N	N
PMW391S	--	6.2	3.8	4.7	28	N	N(4)	N(.6)	N(.8)	N	N
PMW392S	N	13	12	17	59	N	N	N	N	N	N
PMW393S	N	8.8	12	15	48	N	N	N	N	N	N
PMW394S	N	10	12	8.3	47	N	N	N	N	N	N
PMW395S	N	7.6	6.9	4.2	35	N	2	N	N	N	N
PMW396S	N	11	6.1	2	41	N	N	N	N	N	N
PMW397S	N	10	6.3	5	40	N	N	N	N	N	N
PMW398S	N	8.4	8.1	3.5	36	N	N	N	N	N	N
PMW399S	N	8.8	11	3.9	39	N	N	N	N	N	N
PMW400S	N	9	11	5.4	48	N	N	N	N	N	N
PMW401S	N	11	7.8	8.1	44	N	N	N	N	N	N
PMW402S	N	12	5.2	15	66	N	N	N	N	N	N
PMW403S	--	10	10	11	57	N	N(4)	N(.6)	N(.8)	N	N
PMW404S	N	7	2.9	9.8	67	N	N	N	N	N	N

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	Latitude	Longitude	ICP-Na	ICP-K	ICP-Mg	ICP-Ca	ICP-Fe	ICP-Al	ICP-Ti	ICP-P
PMW405S	55 50 1	160 10 14	--	--	8,100	6,500	20,000	12,000	900	510
PMW406S	55 55 46	160 11 57	--	--	4,300	5,600	30,000	9,200	830	150
PMW407S	55 55 48	160 11 54	--	--	4,000	5,600	40,000	8,800	1,300	160
PMW408S	55 58 32	160 13 5	--	--	4,900	6,100	36,000	11,000	2,000	140
PMW409S	55 57 27	160 7 53	--	--	5,400	6,100	40,000	11,000	1,100	230
PMW410S	55 57 22	160 7 48	--	--	3,600	2,300	46,000	5,900	1,900	160
PMW411S	55 58 16	160 4 44	--	--	4,300	3,400	36,000	9,700	920	230
PMW412S	55 58 50	160 2 35	180	1,100	750	930	4,200	2,000	N	N
PMW413S	55 54 30	160 8 15	230	1,700	3,500	14,000	14,000	5,000	N	N
PMW414S	55 54 31	160 8 23	160	630	4,400	1,200	16,000	6,600	N	N
PMY415S	55 34 50	159 43 7	--	--	5,900	5,400	33,000	16,000	1,500	320
PMY416S	55 36 17	159 40 56	--	--	4,200	3,500	27,000	14,000	910	260
PMY417S	55 39 30	159 38 28	--	--	5,900	3,400	24,000	15,000	120	240
PMY418S	55 41 8	159 39 44	--	--	7,400	5,100	28,000	15,000	320	200
PMY419S	55 42 40	159 37 20	--	--	4,300	4,000	31,000	10,000	1,400	250
PMY420S	55 44 19	159 39 49	--	--	3,200	2,400	42,000	6,800	910	350
PMY421S	55 44 41	159 30 39	--	--	4,300	5,500	42,000	13,000	1,400	180
PMY422S	55 45 18	159 33 13	--	--	4,300	5,000	37,000	8,700	190	360
PMY423S	55 45 18	159 33 2	--	--	4,100	4,600	33,000	11,000	690	280
PMY424S	55 59 3	158 41 36	--	--	3,700	2,600	15,000	7,700	34	320
PMY425S	55 59 18	158 47 47	--	--	3,100	3,500	48,000	9,100	2,700	260
PMY427S	55 49 19	158 53 47	--	--	4,000	3,600	35,000	9,900	1,900	170
PMY428S	55 51 35	158 52 25	--	--	3,100	3,400	38,000	11,000	2,700	210
PMY429S	55 51 29	158 45 15	--	--	1,600	2,000	24,000	7,500	1,700	160
PMY430S	55 59 23	159 0 31	--	--	2,900	7,100	20,000	14,000	1,100	320
PMY431S	55 55 23	159 1 48	--	--	2,300	3,500	17,000	9,700	780	370
PMY432S	55 53 43	159 1 43	--	--	6,300	4,500	28,000	12,000	1,600	250
PMY433S	55 50 8	159 8 52	--	--	3,000	3,600	29,000	9,400	1,500	140
PMY434S	55 52 3	159 9 0	--	--	3,300	4,200	16,000	9,500	770	170
PMY435S	55 54 44	159 15 39	--	--	3,900	3,900	19,000	9,700	800	250
PMY436S	55 55 44	159 18 39	--	--	6,200	6,200	25,000	12,000	710	280
PMY437S	55 55 42	159 18 25	--	--	4,700	6,500	29,000	12,000	1,300	300
PMY438S	55 54 11	159 19 16	--	--	1,600	2,600	17,000	4,600	150	300
PMY439S	55 48 39	159 19 53	--	--	3,300	4,600	19,000	12,000	650	190
PMY440S	55 46 40	159 17 27	--	--	3,100	4,300	15,000	11,000	1,100	140
PMY441S	55 45 26	159 22 20	--	--	2,200	3,400	15,000	9,600	1,300	130
PMY442S	55 49 5	159 27 20	--	--	4,000	4,100	34,000	12,000	1,100	250
PMY443S	55 51 49	159 26 23	--	--	3,700	1,700	60,000	8,300	1,100	270
PMY444S	55 53 4	159 27 27	--	--	1,700	2,000	13,000	8,200	550	210
PMY445S	55 53 52	159 26 7	--	--	4,400	930	37,000	6,900	520	320
PMY446S	55 54 42	159 28 12	--	--	8,600	7,500	37,000	18,000	940	230
PMY447S	55 56 44	159 29 29	--	--	14,000	9,200	43,000	24,000	1,200	190
PMY448S	55 56 59	159 25 35	3,100	660	17,000	26,000	70,000	51,000	1,100	<230
PMY449S	55 56 3	159 25 57	--	--	6,000	7,500	43,000	15,000	1,300	280
PMY450S	55 57 8	159 33 47	--	--	9,900	9,500	60,000	21,000	2,500	150
PMY451S	55 57 9	159 34 10	--	--	7,400	4,000	64,000	12,000	3,200	110
PMY452S	55 55 55	159 34 20	--	--	6,600	7,000	63,000	17,000	1,900	200
PMY453S	55 55 8	159 36 30	--	--	6,100	7,000	42,000	15,000	980	360
PMY454S	55 54 4	159 39 59	--	--	5,900	5,600	40,000	16,000	660	420
PMY455S	55 53 17	159 32 48	--	--	8,100	8,000	42,000	17,000	650	330
PMY456S	55 49 38	159 36 28	--	--	6,600	9,700	22,000	19,000	940	320
PMY457S	55 9 18	159 59 23	--	--	1,300	1,500	11,000	7,300	730	140
PMY458S	55 10 13	159 58 22	--	--	2,400	3,900	23,000	15,000	1,500	280
PMY459S	55 9 36	159 57 45	--	--	2,400	3,100	22,000	18,000	1,700	300
PMY460S	55 14 16	159 55 35	--	--	2,000	3,300	17,000	12,000	1,300	270
PMY461S	55 14 58	159 50 46	890	360	2,600	4,300	29,000	16,000	1,600	260
PMY462S	55 10 32	159 51 12	--	--	2,700	4,100	31,000	17,000	2,300	380
PMY463S	54 58 36	160 9 12	--	--	2,500	4,400	17,000	16,000	1,300	290
PMY464S	54 56 58	160 8 38	--	--	3,400	5,200	17,000	13,000	830	570
PMY465S	54 53 20	160 12 28	--	--	3,000	4,300	21,000	16,000	1,900	280

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Li	ICP-B	ICP-Be	ICP-Sr	ICP-Ba	ICP-La	ICP-Ce	ICP-Y	ICP-Zr	ICP-Mn	ICP-V
PHW405S	--	N	N	16	5.3	5.4	11	3.7	--	560	30
PHW406S	--	N	N	48	37	3.7	5	N	--	420	82
PHW407S	--	N	N	51	29	3.4	3.8	N	--	400	100
PHW408S	--	N	N	47	30	2.9	3	N	--	370	110
PHW409S	--	N	N	68	45	4.8	6	N	--	390	90
PHW410S	--	N	N	21	30	4.3	4.8	N	--	390	130
PHW411S	--	N	N	29	49	4.1	5.1	N	--	360	91
PHW412S	1.6	N	.084	N	14	3.4	6.7	.63	N	39	N
PHW413S	4.9	N	.26	N	19	13	22	3.9	N	420	N
PHW414S	7.4	N	.16	N	16	6	8.5	3.7	N	120	N
PHY415S	--	N	N	43	58	2.8	3.9	N	--	590	100
PHY416S	--	N	N	27	45	2.4	4.5	N	--	380	73
PHY417S	--	N	N	37	49	2.5	2.5	N	--	300	48
PHY418S	--	N	N	44	46	2.7	2.4	N	--	380	67
PHY419S	--	N	N	34	50	3.1	3	N	--	360	100
PHY420S	--	N	N	18	29	4.1	5	N	--	410	110
PHY421S	--	N	N	39	59	2.5	1.4	N	--	480	140
PHY422S	--	N	N	36	49	3.5	3.5	N	--	530	62
PHY423S	--	N	N	27	41	2.7	2.3	N	--	470	78
PHY424S	--	N	N	17	15	3	4.8	N	--	260	21
PHY425S	--	N	N	23	59	3.1	2.4	N	--	450	150
PHY427S	--	N	N	22	16	1.5	N	N	--	340	110
PHY428S	--	N	N	20	18	1.4	N	N	--	360	120
PHY429S	--	N	N	13	13	1.4	1	N	--	260	82
PHY430S	--	N	N	52	70	3.2	3.5	2.2	--	350	55
PHY431S	--	N	N	31	73	3.3	4.3	2.7	--	290	40
PHY432S	--	N	N	35	30	1.8	N	N	--	330	92
PHY433S	--	N	N	24	30	1.6	N	N	--	290	93
PHY434S	--	N	N	28	41	1.6	1.3	N	--	240	50
PHY435S	--	N	N	39	78	3.1	4.1	N	--	300	51
PHY436S	--	N	N	63	72	3.3	3.7	N	--	340	80
PHY437S	--	N	N	66	62	3.5	3.9	N	--	410	100
PHY438S	--	N	N	25	63	3.7	5.7	.72	--	260	30
PHY439S	--	N	N	40	76	2.4	2.2	.47	--	350	58
PHY440S	--	N	N	25	16	1.1	N	.18	--	260	58
PHY441S	--	N	N	19	17	1.2	N	N	--	190	67
PHY442S	--	N	N	45	110	2.9	2.9	N	--	440	110
PHY443S	--	N	N	13	11	1.2	N	N	--	220	90
PHY444S	--	N	N	18	40	2.4	3.1	1.2	--	270	31
PHY445S	--	N	N	7.9	28	N	N	N	--	89	40
PHY446S	--	N	N	71	62	2.9	1.3	N	--	430	140
PHY447S	--	N	N	84	20	1.8	N	N	--	440	160
PHY448S	N	27	N	170	N	N	N	N	N	830	190
PHY449S	--	N	N	80	53	3.1	1.3	N	--	440	170
PHY450S	--	N	N	91	32	2	N	N	--	490	250
PHY451S	--	N	N	56	23	2.2	N	N	--	460	310
PHY452S	--	N	N	84	90	3.2	N	N	--	600	250
PHY453S	--	N	N	140	40	3.1	1.6	N	--	280	77
PHY454S	--	N	N	54	46	3.1	3	N	--	430	80
PHY455S	--	N	N	97	110	3.8	3.2	N	--	480	130
PHY456S	--	N	N	49	36	4.2	5.5	.38	--	390	59
PHY457S	--	N	N	17	19	1.2	1.1	N	--	200	31
PHY458S	--	N	N	29	36	2.6	2.7	.27	--	480	65
PHY459S	--	N	N	29	46	3	2.1	1.9	--	470	66
PHY460S	--	N	N	30	53	2.1	1.2	1.5	--	420	44
PHY461S	N	26	N	40	N	N	N	N	N	580	62
PHY462S	--	N	N	43	61	2.6	1.9	N	--	840	85
PHY463S	--	N	N	38	36	2.7	1.8	1.6	--	190	49
PHY464S	--	N	N	40	25	2.2	.91	3	--	310	57
PHY465S	--	N	N	30	71	2.9	2.8	1.2	--	410	67

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Cr	ICP-Co	ICP-Ni	ICP-Cu	ICP-Zn	ICP-Cd	ICP-Pb	ICP-Ag	ICP-Mo	ICP-Sn	ICP-As
PHW405S	N	6.5	3.2	14	36	N	N	N	.89	N	N
PHW406S	N	11	6	13	35	N	N	N	N	N	N
PHW407S	N	11	6.5	8.3	41	N	N	N	N	N	N
PHW408S	N	12	7	9.6	40	N	N	N	N	N	N
PHW409S	N	9	9.8	7.7	39	N	N	N	N	N	N
PHW410S	N	11	11	2.8	47	N	N	N	N	N	N
PHW411S	N	9.4	9.7	12	42	N	N	N	N	N	N
PHW412S	2.3	1.4	N	4.2	11	N	N	.93	N	N	N
PHW413S	8	7.9	N	40	49	N	N	N	N	N	5.6
PHW414S	9.3	2.8	N	26	42	N	N	N	N	N	15
PHY415S	N	11	9	11	43	N	N	N	N	N	N
PHY416S	N	11	7.2	10	45	N	N	N	N	N	N
PHY417S	N	3.9	8.8	7.6	42	N	N	N	N	N	N
PHY418S	N	5.5	10	8	37	N	N	N	N	N	N
PHY419S	N	4.9	7	7.2	43	N	N	N	N	N	N
PHY420S	N	6.6	6.5	8.4	54	N	N	N	N	N	N
PHY421S	N	6	5.9	5.8	46	N	N	N	N	N	N
PHY422S	N	5.6	6.1	12	42	N	N	N	N	N	N
PHY423S	N	4.8	4.9	8.1	36	N	N	N	N	N	N
PHY424S	N	2.5	8.1	9.4	36	N	N	N	N	N	N
PHY425S	N	7.9	5.1	5.5	52	N	N	N	N	N	N
PHY427S	N	7.8	5.1	7.7	31	N	N	N	N	N	N
PHY428S	N	6.4	4	9.7	47	N	N	N	N	N	N
PHY429S	N	6.4	2.3	4.4	29	N	N	N	N	N	N
PHY430S	N	4.2	6.9	17	29	N	N	N	N	N	N
PHY431S	N	N	5	12	27	N	N	N	N	N	N
PHY432S	N	5.8	6.1	12	32	N	N	N	N	N	N
PHY433S	N	5.1	5	4.1	33	N	N	N	N	N	N
PHY434S	N	4	3.8	8	22	N	N	N	N	N	N
PHY435S	N	4.5	6.1	9.8	36	N	N	N	N	N	N
PHY436S	N	7	8.3	13	33	N	N	N	N	N	N
PHY437S	N	6.6	7.4	13	34	N	N	N	N	N	N
PHY438S	N	2.7	6.2	12	38	N	N	N	N	N	N
PHY439S	N	3.6	5.1	9.7	32	N	N	N	N	N	N
PHY440S	N	N	4.4	11	22	N	N	N	N	N	N
PHY441S	N	2.9	2.4	5.4	22	N	N	N	N	N	N
PHY442S	N	7.2	7.6	13	47	N	N	N	N	N	N
PHY443S	N	11	11	160	34	N	N	N	7.9	N	N
PHY444S	N	N	3.8	9.3	30	N	2.1	N	N	N	N
PHY445S	N	N	2.5	140	16	N	N	N	27	N	3.3
PHY446S	N	7.4	9.3	26	35	N	N	N	N	N	N
PHY447S	N	13	9.5	35	30	N	N	N	N	N	N
PHY448S	N	N	14	N	N	N	N	N	N	N	N
PHY449S	N	8.6	7.8	18	38	N	N	N	N	N	N
PHY450S	N	16	11	29	37	N	N	N	N	N	N
PHY451S	N	19	11	10	49	N	N	N	N	N	N
PHY452S	N	14	8.5	16	58	N	N	N	N	N	N
PHY453S	N	5.8	6.4	7.7	31	N	N	N	N	N	N
PHY454S	N	8.7	6.9	15	35	N	N	N	N	N	N
PHY455S	N	11	9.9	24	49	N	N	N	N	N	N
PHY456S	N	9	11	11	31	N	N	N	N	N	N
PHY457S	N	3.7	3.6	5.3	19	N	N	N	N	N	N
PHY458S	N	6.2	11	14	60	N	N	N	N	N	N
PHY459S	N	8	8.2	23	55	N	N(2.4)	N	N(.48)	N	70
PHY460S	N	N(2.4)	5.3	7.8	41	N	N(2.4)	N	N(.48)	N	N
PHY461S	N	N	7.6	N	N	N	N	N	N	N	N
PHY462S	N	8.8	7	11	46	N	N	N	.71	N	N
PHY463S	N	6.4	6.3	9.7	36	N	N	N	N	N	N
PHY464S	N	7.2	6.5	13	34	N	N	N	N	N	24
PHY465S	N	5.2	5.5	7.6	38	N	N	N	N	N	N

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	Latitude	Longitude	ICP-Na	ICP-K	ICP-Mg	ICP-Ca	ICP-Fe	ICP-Al	ICP-Ti	ICP-P
PMY466S	54 59 22	160 7 3	--	--	3,100	4,900	16,000	15,000	1,300	310
PMY467S	55 0 16	160 3 44	--	--	1,500	2,700	11,000	7,800	920	260
PMY468S	55 2 8	160 1 55	--	--	1,400	2,100	11,000	8,000	780	150
PMY469S	55 4 15	159 57 57	--	--	3,000	3,500	21,000	14,000	1,600	260
PMY470S	55 5 3	159 59 59	--	--	4,200	3,200	36,000	14,000	2,900	240
PMY471S	55 9 39	159 49 40	--	--	1,800	2,800	16,000	10,000	1,400	230
PMY472S	55 9 46	159 49 45	--	--	1,700	3,300	15,000	10,000	1,100	270
PMY473S	55 7 3	159 51 35	--	--	2,500	4,400	19,000	15,000	1,300	250
PMY474S	55 8 12	159 53 19	--	--	2,700	4,500	16,000	12,000	1,000	350
PMY475S	55 7 28	159 55 17	--	--	2,900	2,700	19,000	12,000	1,400	260
PMY476S	55 8 9	159 59 42	--	--	930	1,400	14,000	9,700	570	240
PMY477S	55 1 38	159 49 24	--	--	3,900	3,200	20,000	14,000	930	390
PMY478S	55 4 43	159 47 18	--	--	2,300	2,700	19,000	8,000	1,500	220
PMY479S	55 6 3	159 43 25	--	--	3,300	3,100	19,000	11,000	950	310
PMY480S	55 6 59	159 42 54	--	--	990	1,600	11,000	14,000	850	370
PMY481S	55 4 43	159 38 26	1,100	640	4,200	4,600	42,000	32,000	2,400	400
PMY482S	55 6 18	159 37 8	730	590	4,200	3,800	32,000	18,000	1,500	210
PMY484S	55 7 10	159 34 9	--	--	2,200	2,500	14,000	9,900	1,100	180
PMY485S	55 9 58	159 33 33	--	--	2,700	3,300	17,000	14,000	1,200	210
PMY486S	55 13 18	159 31 44	--	--	1,200	2,300	17,000	12,000	1,100	320
PMY487S	55 3 3	159 20 59	--	--	1,700	3,100	14,000	10,000	1,100	190
PMY488S	55 2 49	159 26 10	--	--	1,800	2,500	18,000	13,000	1,700	240
PMY489S	55 0 30	159 25 3	--	--	1,900	3,100	15,000	13,000	1,000	290
PMY490S	54 58 27	159 24 7	--	--	1,800	2,500	18,000	13,000	1,200	220
PMY491S	54 53 43	159 18 34	--	--	2,100	3,900	13,000	10,000	990	390
PMY492S	55 30 10	160 57 10	--	--	14,000	5,300	32,000	16,000	230	380
PMY493S	55 30 58	160 57 0	--	--	11,000	4,900	31,000	16,000	410	350
PMY494S	55 31 34	160 54 45	--	--	4,900	2,400	27,000	9,700	74	430
PMY495S	55 22 30	160 33 51	--	--	6,400	8,600	30,000	21,000	690	280
PMY496S	55 12 4	161 21 17	--	--	3,200	4,700	18,000	11,000	990	270
PMY497S	55 13 13	161 24 36	--	--	5,800	6,200	28,000	15,000	860	180
PMY498S	55 5 12	161 35 35	--	--	7,400	4,000	14,000	8,400	700	94
PMY499S	55 5 45	161 40 35	--	--	7,100	6,400	30,000	14,000	1,300	110
PMY500S	55 6 55	161 45 34	--	--	4,500	5,000	21,000	15,000	1,100	190
PMY501S	55 9 2	161 45 45	--	--	3,300	7,000	17,000	15,000	1,500	240
PMY502S	55 9 32	161 48 46	--	--	5,700	6,000	29,000	15,000	1,100	220
PMY503S	55 9 5	161 53 30	2,200	300	17,000	13,000	110,000	51,000	4,100	N(71)
PMY504S	55 8 37	161 57 55	--	--	2,500	2,500	20,000	11,000	1,200	190
PMY505S	55 14 51	161 32 3	--	--	6,100	7,400	36,000	13,000	1,000	230
PMY506S	55 14 31	161 37 43	--	--	7,200	6,300	43,000	14,000	2,600	110
PMY507S	55 13 31	161 41 5	--	--	6,100	5,600	28,000	13,000	1,500	160
PMY508S	55 10 42	161 49 39	--	--	6,600	2,600	32,000	12,000	760	250
PMY509S	55 2 52	161 56 18	--	--	5,200	5,000	27,000	15,000	1,700	220
PMY510S	55 14 42	161 55 40	--	--	4,200	6,100	41,000	18,000	1,800	180
PMY511S	55 17 0	161 53 38	--	--	6,000	3,600	69,000	7,300	1,200	17
PMY512S	55 20 57	161 50 30	--	--	12,000	6,300	27,000	8,700	1,100	35
PMY513S	55 29 35	161 42 37	--	--	16,000	6,900	21,000	11,000	880	59
PMY514S	55 35 46	161 17 34	--	--	3,000	5,100	63,000	7,800	2,000	330
PMY515S	55 36 34	161 16 34	--	--	2,300	4,700	52,000	6,100	1,500	390
PMY516S	55 35 5	161 14 50	--	--	6,400	4,100	32,000	13,000	46	340
PMY517S	55 35 5	161 14 40	--	--	7,300	4,500	34,000	11,000	730	240
PMY518S	55 46 54	161 56 41	--	--	2,600	8,000	32,000	14,000	1,400	510
PMY519S	55 43 52	161 54 7	--	--	8,900	7,000	45,000	11,000	3,400	220
PMY520S	55 41 7	161 51 42	--	--	6,800	8,300	36,000	14,000	2,300	260
PMY521S	55 39 48	161 47 10	--	--	4,100	8,200	21,000	14,000	1,600	280
PMY522S	55 42 43	161 41 14	--	--	2,300	5,800	12,000	9,400	840	350
PMY523S	55 35 4	161 41 40	--	--	5,600	8,300	30,000	15,000	1,400	490
PMY524S	55 40 13	161 22 35	510	160	2,700	5,600	130,000	8,300	N	N
PMY525S	55 42 47	161 29 4	1,200	310	3,400	7,900	24,000	13,000	N	N
PMY526S	55 26 34	161 4 23	--	--	8,800	4,900	31,000	14,000	44	340

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Li	ICP-B	ICP-Be	ICP-Sr	ICP-Ba	ICP-La	ICP-Ce	ICP-Y	ICP-Zr	ICP-Mn	ICP-V
PMY466S	--	N	N	41	33	1.4	N	.18	--	220	59
PMY467S	--	N	N	21	22	1.5	1.1	.83	--	150	29
PMY468S	--	N	N	15	24	1.3	1.6	.51	--	210	30
PMY469S	--	N	N	31	42	2.3	2.8	N	--	350	64
PMY470S	--	N	N	24	34	2.7	2.5	N	--	440	110
PMY471S	--	N	N	26	37	2.1	3.2	.59	--	330	53
PMY472S	--	N	N	30	39	2.4	4.1	.47	--	410	48
PMY473S	--	N	N	35	36	2.4	3	.87	--	390	61
PMY474S	--	N	.23	31	32	2.8	3.9	.93	--	310	43
PMY475S	--	N	N	21	30	2.2	3.2	.042	--	400	53
PMY476S	--	N	N	14	22	2.3	3.5	1.1	--	430	30
PMY477S	--	N	N	36	91	3	3.8	N	--	280	45
PMY478S	--	N	N	22	26	2	1.6	N	--	440	60
PMY479S	--	N	N	25	42	3.4	4.9	N	--	350	50
PMY480S	--	N	N	17	34	2.8	5.3	2	--	100	34
PMY481S	N	47	N	42	N	N	N	N	N	640	94
PMY482S	N	31	N	37	N	N	N	N	N	520	67
PMY484S	--	N	N	13	27	1.4	N	.91	--	170	43
PMY485S	--	N	N	19	40	2.5	2.9	2	--	330	49
PMY486S	--	N	N	18	24	1.6	N	1.5	--	240	43
PMY487S	--	N	N	20	32	2.1	N	1.9	--	280	44
PMY488S	--	N	N	16	33	1.9	1.2	1.5	--	300	66
PMY489S	--	N	N	18	37	2.3	1.6	2.7	--	250	47
PMY490S	--	N	N	15	37	1.9	1.3	1.8	--	370	53
PMY491S	--	N	N	24	38	2.5	2.9	4.2	--	210	29
PMY492S	--	N	N	26	48	3.8	5	N	--	390	56
PMY493S	--	N	N	31	73	4.1	5.6	.43	--	530	53
PMY494S	--	N	N	19	56	2.8	4.1	.12	--	340	37
PMY495S	--	N	N	100	63	2.2	1.4	N	--	500	70
PMY496S	--	N	N	56	35	2.8	4	.95	--	150	50
PMY497S	--	N	N	90	87	3.6	5.2	N	--	440	70
PMY498S	--	N	N	26	12	N	N	N	--	230	37
PMY499S	--	N	N	44	34	1.7	N	N	--	420	83
PMY500S	--	N	N	49	48	2	1.9	.23	--	360	65
PMY501S	--	N	N	65	63	2.1	1.7	.87	--	210	69
PMY502S	--	N	N	45	37	2.3	1.9	N	--	430	64
PMY503S	5.9	25	N	92	110	6.2	12	13	9.8	1,400	250
PMY504S	--	N	N	16	20	1.8	2.1	.9	--	310	63
PMY505S	--	N	N	65	35	1.8	N	N	--	1,100	56
PMY506S	--	N	N	49	28	2.2	N	N	--	450	110
PMY507S	--	N	N	40	34	1.9	1.2	N	--	520	81
PMY508S	--	N	N	24	23	1.4	N	N	--	250	57
PMY509S	--	N	N	30	44	2.7	2.8	.4	--	440	70
PMY510S	--	N	N	41	46	2.4	3	N	--	1,300	88
PMY511S	--	N	N	19	9.6	N	N	N	--	440	45
PMY512S	--	N	N	34	9.4	N	N	N	--	280	89
PMY513S	--	N	N	38	7.7	N	N	N	--	300	60
PMY514S	--	N	N	34	10	1.5	N	N	--	440	150
PMY515S	--	N	N	30	8.4	1.6	N	N	--	360	120
PMY516S	--	N	N	29	72	4.2	5.5	.16	--	450	49
PMY517S	--	N	N	32	40	3.4	3.3	N	--	460	79
PMY518S	--	N	1.1	55	48	1.6	N	N	--	560	110
PMY519S	--	N	N	35	25	2.1	N	N	--	370	130
PMY520S	--	N	N	42	28	1.7	N	N	--	610	130
PMY521S	--	N	N	48	38	1.8	1.1	N	--	360	78
PMY522S	--	N	N	32	20	N	N	N	--	160	43
PMY523S	--	N	N	47	40	1.6	N	N	--	730	87
PMY524S	3.8	N	.22	N	110	1.4	N	2.5	1.7	8,100	N
PMY525S	1.3	N	.31	N	50	2.5	N	2.9	2.7	440	N
PMY526S	--	N	N	27	72	3.1	3.7	N	--	420	39

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Cr	ICP-Co	ICP-Ni	ICP-Cu	ICP-Zn	ICP-Cd	ICP-Pb	ICP-Ag	ICP-Mo	ICP-Sn	ICP-As
PMY466S	N	3.6	3.9	11	39	N	N	N	N	N	N
PMY467S	N	4.2	2	3.9	25	N	N	N	N	N	14
PMY468S	N	4.8	1.8	4.6	15	N	N	N	N	N	N
PMY469S	N	9.1	5.5	11	33	N	N	N	.54	N	N
PMY470S	N	14	6.4	8.8	45	N	N	N	.67	N	N
PMY471S	N	8	4.1	7.7	33	N	2.8	N	.97	N	N
PMY472S	N	9	3.6	7.5	29	N	3.7	N	1.2	N	N
PMY473S	N	6.7	3.8	11	35	N	N	N	.81	N	N
PMY474S	N	7.4	6.2	13	37	N	2.9	N	.7	N	N
PMY475S	N	9.4	5.7	9.4	35	N	2.7	N	.77	N	N
PMY476S	N	12	6.6	9.4	29	N	4.9	N	1	N	N
PMY477S	N	6.9	11	11	48	N	2.5	N	N	N	N
PMY478S	N	7.9	4.3	5.4	32	N	2.1	N	.53	N	N
PMY479S	N	10	8.7	11	48	N	4.6	N	1	N	N
PMY480S	N	5	3.1	12	28	N	6.9	N	1.2	N	N
PMY481S	N	N	10	N	N	N	N	N	N	N	22
PMY482S	N	N	10	N	N	N	N	N	N	N	22
PMY484S	N	N(2.4)	3.5	6.2	26	N	N	N(.36)	N(.48)	N	N
PMY485S	N	4.1	4.1	9.1	29	N	N	N(.36)	N(.48)	N	N
PMY486S	N	N(2.4)	1.7	11	22	N	N	N(.36)	N(.48)	N	21
PMY487S	N	N(2.4)	2.1	7.1	22	N	N	N(.36)	N(.48)	N	21
PMY488S	N	4	2.4	6.7	25	N	N	N(.36)	N(.48)	N	7.2
PMY489S	N	N(2.4)	2.5	9.5	21	N	N	N(.36)	N(.48)	N	N
PMY490S	N	3.8	2.6	7	27	N	N	N(.36)	N(.48)	N	N
PMY491S	N	N(2.4)	2	2.7	22	N	18	N(.36)	N(.48)	N	N
PMY492S	N	15	28	18	55	N	N	N	N	N	N
PMY493S	N	12	24	18	50	N	N	N	N	N	N
PMY494S	N	8	18	17	55	N	N	N	N	N	N
PMY495S	N	9.2	3.3	8	40	N	N	N	N	N	N
PMY496S	N	4.1	6.7	6.3	26	N	N	N	N	N	N
PMY497S	N	7	7.8	11	35	N	N	N	N	N	N
PMY498S	N	6.2	2.8	5.6	17	N	N	N	N	N	N
PMY499S	N	9	6	7.3	35	N	N	N	N	N	N
PMY500S	N	6.6	2.9	8.2	29	N	N	N	N	N	N
PMY501S	N	5.8	3.2	8.8	29	N	N	N	N	N	N
PMY502S	N	9	3.9	9.9	38	N	N	N	N	N	N
PMY503S	39	27	15	40	120	N	N	N	N	N	N
PMY504S	N	9.1	2.3	10	23	N	N	N	.71	N	N
PMY505S	N	8.5	8.8	5.4	27	N	N	N	N	N	N
PMY506S	N	12	12	4.4	46	N	N	N	N	N	N
PMY507S	N	8.9	3.8	4.9	31	N	N	N	N	N	N
PMY508S	N	5	2.8	76	33	N	13	N	8.7	N	N
PMY509S	N	7.8	3.1	11	38	N	N	N	.56	N	N
PMY510S	N	9.4	3.4	7.7	31	N	N	N	N	N	N
PMY511S	N	15	5.9	N	69	N	N	N	N	N	N
PMY512S	N	11	5.2	3.9	27	N	N	N	N	N	N
PMY513S	N	11	5.7	3.9	24	N	N	N	N	N	N
PMY514S	N	12	5.6	N	79	N	N	N	N	N	N
PMY515S	N	8.6	5	2.2	60	N	N	N	N	N	N
PMY516S	N	8.6	14	25	60	N	N	N	N	N	N
PMY517S	N	8.2	11	12	51	N	N	N	N	N	N
PMY518S	N	3.3	3	3.6	33	N	N	N	N	N	N
PMY519S	N	12	3.9	2.2	47	N	N	N	N	N	N
PMY520S	N	11	2.4	5.6	38	N	N	N	N	N	N
PMY521S	N	7.2	1.4	3.9	27	N	N	N	N	N	N
PMY522S	N	2.6	N	2.6	14	N	N	N	N	N	N
PMY523S	N	7.9	1.1	3.4	29	N	N	N	N	N	N
PMY524S	4.4	8.6	N	6.1	37	N	N	N	N	N	430
PMY525S	7.6	5.7	N	11	30	N	N	N	N	N	8.4
PMY526S	N	7.4	20	13	53	N	N	N	N	N	N

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	Latitude	Longitude	ICP-Na	ICP-K	ICP-Mg	ICP-Ca	ICP-Fe	ICP-Al	ICP-Ti	ICP-P
PMY527S	55 24 56	161 8 13	--	--	12,000	6,300	37,000	16,000	150	330
PMY528S	55 44 54	161 28 57	--	--	1,700	4,700	20,000	6,100	430	660
PMY529S	55 43 47	161 36 33	--	--	2,400	8,200	16,000	15,000	1,300	380
PMY530S	55 48 48	161 35 10	--	--	8,000	4,700	72,000	8,200	6,700	360
PMY531S	55 55 8	161 21 17	--	--	2,200	9,600	34,000	14,000	1,100	540
PMY532S	55 51 20	161 18 27	--	--	2,300	3,800	18,000	7,700	510	660
PMY533S	55 48 28	161 11 53	--	--	3,500	4,200	52,000	12,000	2,200	270
PMY534S	55 49 58	161 5 51	570	130	2,300	4,700	170,000	12,000	N	N
PMY535S	55 48 9	160 45 7	--	--	3,800	4,200	26,000	8,600	930	260
PMY536S	55 46 56	160 45 4	--	--	3,600	4,100	16,000	7,600	840	220
PMY537S	55 32 17	160 56 30	--	--	4,900	4,100	50,000	14,000	460	640
PMY538S	55 36 8	160 56 17	--	--	6,800	2,700	42,000	10,000	260	500
PMY539S	55 36 0	160 54 54	--	--	10,000	3,000	53,000	14,000	230	620
PMY540S	55 36 33	160 53 0	--	--	8,300	3,100	47,000	13,000	360	520
PMY541S	55 37 30	160 51 24	--	--	6,000	2,100	29,000	10,000	7.9	470
PMY542S	55 37 53	160 56 4	--	--	5,000	2,300	28,000	8,500	16	450
PMY543S	55 38 1	160 56 3	--	--	5,700	2,100	27,000	9,000	67	420
PMY544S	55 40 45	160 52 12	--	--	4,900	5,000	28,000	12,000	660	270
PMY545S	55 38 50	160 45 43	--	--	3,000	2,300	33,000	5,000	7.3	460
PMY546S	55 38 58	160 46 10	--	--	3,900	2,500	40,000	7,000	17	500
PMY547S	55 33 17	160 41 18	--	--	10,000	13,000	53,000	19,000	520	N
PMY548S	55 39 25	160 54 44	--	--	6,600	3,400	30,000	9,900	15	N
PMY549S	55 40 27	160 54 27	--	--	6,900	2,300	44,000	10,000	260	330
PMY550S	55 37 53	161 3 50	--	--	5,100	2,900	24,000	9,100	75	310
PMY551S	55 37 7	161 7 0	--	--	6,000	4,300	36,000	14,000	760	280
PMY552S	55 36 10	161 10 45	--	--	6,400	3,900	23,000	11,000	230	230
PMY553S	55 47 55	159 53 50	--	--	4,300	3,500	25,000	11,000	14	290
PMY554S	55 48 8	159 55 24	--	--	4,600	5,000	24,000	14,000	760	240
PMY555S	55 48 40	159 55 4	--	--	4,700	4,800	20,000	14,000	790	310
PMY556S	55 50 5	159 56 15	--	--	9,400	4,000	39,000	17,000	140	400
PMY557S	55 51 8	159 54 39	--	--	4,200	3,400	33,000	15,000	24	370
PMY558S	55 16 7	160 34 6	--	--	9,600	10,000	53,000	26,000	1,300	230
PMY559S	55 17 18	160 35 40	--	--	8,500	7,600	30,000	19,000	20	300
PMY560S	55 34 52	160 53 52	--	--	7,800	2,900	42,000	14,000	10	610
PMY561S	55 37 5	161 0 32	--	--	5,100	5,300	31,000	12,000	670	270
PMY562S	55 36 13	161 0 37	--	--	4,900	3,300	26,000	9,600	130	310
PMY563S	55 36 20	161 4 2	--	--	6,900	4,900	32,000	14,000	1,000	310
PMY564S	55 36 26	161 3 55	--	--	7,300	5,200	35,000	13,000	690	320
PMY565S	55 45 43	160 29 35	--	--	7,100	7,700	37,000	18,000	38	360
PMY566S	55 46 45	160 28 43	--	--	11,000	18,000	47,000	34,000	540	330
PMY567S	55 48 4	160 32 5	--	--	8,100	7,900	41,000	16,000	250	330
PMY568S	55 33 11	160 38 38	--	--	8,900	8,100	39,000	15,000	240	310
PMY569S	55 46 55	160 35 25	--	--	4,800	3,400	19,000	7,900	9.1	220
PMY570S	55 40 59	160 29 5	--	--	6,800	2,500	28,000	12,000	25	330
PMY571S	55 37 40	160 24 20	--	--	10,000	8,700	54,000	21,000	220	320
PMY572S	55 36 8	160 23 45	--	--	3,000	2,600	27,000	6,600	8.2	310
PMY573S	55 34 52	160 29 24	--	--	5,800	2,400	110,000	15,000	390	360
PMY574S	54 49 2	159 48 23	--	--	1,400	1,800	12,000	8,300	1,100	280
PMY575S	54 49 47	159 43 4	--	--	1,100	2,000	11,000	7,300	630	440
PMY576S	54 47 26	159 34 13	--	--	2,800	3,900	24,000	16,000	1,100	340

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Li	ICP-B	ICP-Be	ICP-Sr	ICP-Ba	ICP-La	ICP-Ce	ICP-Y	ICP-Zr	ICP-Mn	ICP-V
PMY527S	--	N	N	30	56	2.8	2.5	N	--	470	55
PMY528S	--	N	.071	26	17	N	N	N	--	190	27
PMY529S	--	N	.42	52	52	1.7	N	N	--	250	52
PMY530S	--	N	N	27	33	2.5	N	N	--	530	220
PMY531S	--	N	N	51	23	N	N	N	--	210	45
PMY532S	--	N	N	43	45	1.6	N	.095	--	270	33
PMY533S	--	N	N	33	45	2.8	1.8	N	--	840	130
PMY534S	.79	N	.29	N	160	N	N	3.7	2.4	8,900	N
PMY535S	--	N	N	39	32	2.8	2.7	N	--	330	67
PMY536S	--	N	N	45	32	1.8	.98	N	--	270	48
PMY537S	--	N	N	31	54	3.5	2.4	N	--	390	46
PMY538S	--	N	N	27	86	2.2	1.6	N	--	420	62
PMY539S	--	N	N	26	95	1.2	N	N	--	500	60
PMY540S	--	N	N	27	53	1.2	N	N	--	580	64
PMY541S	--	N	N	20	72	2.5	3.1	.19	--	290	33
PMY542S	--	N	N	16	88	2.6	3.4	.28	--	340	28
PMY543S	--	N	.34	12	49	4.4	6.4	.4	--	300	33
PMY544S	--	N	N	50	23	3.3	3.2	N	--	340	69
PMY545S	--	N	1.3	18	49	1.3	N	N	--	320	27
PMY546S	--	N	1.3	26	75	1.7	1.5	N	--	450	37
PMY547S	--	N	N	69	55	N	4.5	N	--	N	91
PMY548S	--	N	N	17	61	N	8.3	1	--	N	29
PMY549S	--	N	N	16	29	2.1	<1.3	N	--	540	58
PMY550S	--	N	.027	17	45	5.6	9.7	1.2	--	360	33
PMY551S	--	N	N	25	15	1.9	<1.6	N	--	320	61
PMY552S	--	N	N	23	36	3.4	4.1	N	--	350	45
PMY553S	--	N	N	18	22	6.2	9.8	N	--	380	28
PMY554S	--	N	.52	29	26	4.6	6.4	N	--	380	51
PMY555S	--	N	N	29	33	2.8	4.1	.52	--	460	49
PMY556S	--	N	N	22	36	4.4	5.7	N	--	810	56
PMY557S	--	N	N	20	54	3.8	5.7	.45	--	530	49
PMY558S	--	N	N	76	61	2.8	<.91	N	--	830	130
PMY559S	--	N	N	110	96	5.3	6.7	2.4	--	510	44
PMY560S	--	N	N	34	84	1.9	<1.5	N	--	460	34
PMY561S	--	N	N	31	34	2.6	2.6	N	--	450	65
PMY562S	--	N	N	19	55	4.3	6.6	N	--	470	37
PMY563S	--	N	N	27	26	3.5	4.3	N	--	550	71
PMY564S	--	N	N	30	40	5	5.9	N	--	430	71
PMY565S	--	N	N	88	110	5.7	9.2	<.075	--	630	51
PMY566S	--	N	N	110	80	3.6	<2	N	--	560	88
PMY567S	--	N	N	69	94	6.1	9.1	.38	--	500	100
PMY568S	--	N	N	50	28	3.9	5.1	N	--	700	59
PMY569S	--	N	N	39	78	2.5	3.4	1	--	290	33
PMY570S	--	N	.63	17	55	5.4	9.5	.34	--	340	36
PMY571S	--	N	N	64	60	3.9	3.3	N	--	710	96
PMY572S	--	N	.71	16	6.6	4.6	6.9	N	--	470	28
PMY573S	--	N	N	35	23	1.7	N	N	--	370	54
PMY574S	--	N	1.8	12	14	1.9	1.9	2.1	--	120	48
PMY575S	--	N	1.6	13	23	2	2.4	3	--	200	25
PMY576S	--	N	1.1	21	50	3.2	3.8	4.2	--	650	51

Table 2. Aqua-regia leachate data for minus-80-mesh stream sediments from the Port Moller study area, Alaska--continued

Sample	ICP-Cr	ICP-Co	ICP-Ni	ICP-Cu	ICP-Zn	ICP-Cd	ICP-Pb	ICP-Ag	ICP-Mo	ICP-Sn	ICP-As
PMY527S	N	7.7	18	13	52	N	N	N	N	N	N
PMY528S	N	2.3	2	4.4	13	N	N	N	N	N	N
PMY529S	N	3	3.6	2.9	26	N	N	N	N	N	N
PMY530S	N	17	8.6	N	64	N	N	N	N	N	N
PMY531S	N	2.1	3.6	2.3	10	N	N	N	N	N	N
PMY532S	N	N	5.3	8.4	33	N	N	N	N	N	N
PMY533S	N	9.3	6.6	4.4	54	N	N	N	N	N	N
PMY534S	N	12	N	7.9	81	N	N	N	N	N	12
PMY535S	N	3.6	7.7	5	38	N	N	N	N	N	N
PMY536S	N	N	5.6	4.4	28	N	N	N	N	N	N
PMY537S	N	N	11	9.8	56	N	N	N	N	N	N
PMY538S	N	7.5	20	18	64	N	3.5	N	N	N	N
PMY539S	N	11	30	30	82	N	8	N	N	N	N
PMY540S	N	9.7	23	22	80	N	4.4	N	N	N	N
PMY541S	N	6.1	19	17	62	N	5.1	N	N	N	N
PMY542S	N	6.5	19	18	56	N	5.7	N	N	N	N
PMY543S	N	4.9	17	18	56	N	3.8	N	N	N	N
PMY544S	N	6.7	9.8	16	45	N	N	N	N	N	N
PMY545S	N	8.5	24	46	94	N	5.9	N	N	N	4.2
PMY546S	N	11	23	29	73	N	6	N	N	N	N
PMY547S	<24	9.8	N	N(12)	41	N	N	N	N	N	N
PMY548S	24	5.7	N	16	55	N	N	N	N	N	N
PMY549S	38	7.2	6.5	36	57	N	N	<.18	2	N	75
PMY550S	26	9.1	15	17	48	N	N	N	N	N	N
PMY551S	27	8.2	4.9	11	37	N	N	N	<.49	N	N
PMY552S	27	6.6	12	13	37	N	N	N	N	N	N
PMY553S	25	6.5	13	11	50	N	N	N	N	N	N
PMY554S	23	6.6	8.2	9.6	36	N	N	N	N	N	N
PMY555S	19	6.1	4.5	10	33	N	N	N	N	N	N
PMY556S	30	12	8.9	18	74	N	N	N	N	N	N
PMY557S	25	9.9	7.6	14	42	N	N	N	N	N	N
PMY558S	33	12	5.8	19	50	N	N	N	N	N	N
PMY559S	37	8.1	8.8	11	39	N	N	N	N	N	N(11)
PMY560S	36	11	29	29	74	N	N	N	N	N	N
PMY561S	25	5.9	3.6	11	32	N	N	N	N	N	N
PMY562S	25	5.9	10	16	52	N	N	N	N	N	N
PMY563S	31	13	10	14	76	N	N	N	N	N	N
PMY564S	33	9.3	15	20	52	N	N	N	N	N	N
PMY565S	28	11	10	19	57	N	N	N	N	N	N
PMY566S	34	12	9.5	39	44	N	N	N	N	N	N
PMY567S	36	9.3	11	24	60	N	N	N	N	N	N
PMY568S	<18	8	4.4	7.9	38	N	N	N	N	N	N
PMY569S	24	5.7	9.7	22	42	N	N	N	N	N	N
PMY570S	24	8.5	11	12	46	N	N	N	N	N	N
PMY571S	<31	9	7.1	16	50	N	N	N	N	N	N
PMY572S	<16	5.5	4.8	6.9	32	N	N	N	N	N	N
PMY573S	N(23)	<2.2	1.8	7.4	39	N	N	N	N	N	N
PMY574S	10	<2.8	2.1	3.9	19	N	N	N	N	N	N
PMY575S	7.8	<2	1.5	3	13	N	N	N	N	N	N
PMY576S	<14	5.3	3.2	9.1	26	N	N	N	N	N	N