U.S. DEPARTMENT OF THE INTERIOR

U. S. GEOLOGICAL SURVEY

# Analytical results and sample locality map of moss, moss-sediment, and willow samples from the Iditarod quadrangle, Alaska

By

B.F. Arbogast,[1] B.M. Erickson,[1] J.E. Gray,[1] and J.M. McNeal[2]

Open-File Report 91-380-A Paper version
91-380-B Diskette version

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

[1]U.S. Geological Survey, DFC, Box 25046, MS 973, Denver, CO 80225
[2]U.S. Geological Survey, National Center, MS 923, 12201 Sunrise Valley Dr., Reston, VA 22092

1991

## CONTENTS

Page

STUDIES RELATED TO AMRAP . . . . . 1

INTRODUCTION . . . . . 1

GEOLOGY . . . . . 3

METHODS OF STUDY . . . . . 4
- Sample Media . . . . . 4
- Sample Collection . . . . . 4
- Sample Preparation . . . . . 4
- Sample Analysis . . . . . 5

DATA STORAGE SYSTEM . . . . . 6

DESCRIPTION OF THE DATA TABLES . . . . . 6

ACKNOWLEDGMENTS . . . . . 7

REFERENCES CITED . . . . . 8

## ILLUSTRATIONS

Figure 1. Index map of the Iditarod quadrangle, Alaska . . . . . 2

Plate 1. Sample locality map of the Iditarod quadrangle, Alaska . . . . . in pocket

## TABLES

Table 1. Limits of determination for the spectrographic analysis of ashed moss and willow samples . . . . . 10

Table 2. Limits of determination for the spectrographic analysis of moss-sediment samples . . . . . 11

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska . . . . . 12

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska . . . . . 57

Table 5. Results of analyses of willow samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska . . . . . 99

## STUDIES RELATED TO AMRAP

The U.S. Geological Survey is required by the Alaskan National Interests Lands Conservation Act (Public Law 96-487, 1980) to survey certain Federal lands to determine their mineral values. Results from the Alaskan Mineral Resource Assessment Program (AMRAP) must be made available to the public and be submitted to the President and the Congress. This report is one of a series of publications that presents geochemical and mineralogical results collected from the mineral assessment study of the Iditarod quadrangle, Alaska. The data contained in this report are also available in digital format on a 1.2-Mb, 5.25-inch diskette published as U.S. Geological Survey Open-File Report 91-380-B.

## INTRODUCTION

In the summer months of 1984-1986, the U.S. Geological Survey conducted a reconnaissance geochemical survey of the Iditarod quadrangle, Alaska (fig. 1). This report lists the analytical results for samples of moss, moss-sediment, and willow samples that were collected in addition to the more traditional sampling media for reconnaissance surveys, such as stream-sediment, heavy-mineral- concentrate, and stream-water samples.

The Iditarod quadrangle is bounded by latitude 62°N to 63°N and by longitude 156°W to 159°W spanning the Kuskokwim Mountain Range between the Yukon and Kuskokwim Rivers. The area of the quadrangle is about 6700 $mi^2$ (17,300 $km^2$). The eastern edge of the quadrangle lies approximately 13 miles (21 km) west of McGrath, the nearest community having commercial air service. The quadrangle is sparsely populated with two small communities at Flat and Takotna and a few isolated mining camps. Few roads exist throughout the quadrangle and access to the area is mostly limited to travel by air or foot, but boat travel is possible on some of the larger rivers.

The topography ranges from marshy lowlands of the Innoko National Wildlife Refuge in the northwest corner, to the more rugged, glaciated Beaver Mountains in the northeast part of the quadrangle. The low point is about 100 ft (30 m) elevation and the high point is 4055 ft (1235 m) in the Beaver Mountains. Topographic relief averages about 1200 ft (365 m) over most of the quadrangle. The valleys and mountain slopes are heavily vegetated and timberline is found at an elevation of about 1000 ft (300 m). The approximate height of the Kuskokwim Mountains averages 1600-1800 ft (490-550 m) and consequently, the tops of most ridges and mountains are bare or tundra covered (McGimsey and others, 1988).

The vegetation in the Iditarod quadrangle is classified as Taiga or Interior Forest (Kuchler, 1985; Viereck and Dyrness, 1975). Two main components represent the Interior Forests. One component is classified as a "Closed spruce - hardwood forest" and consists

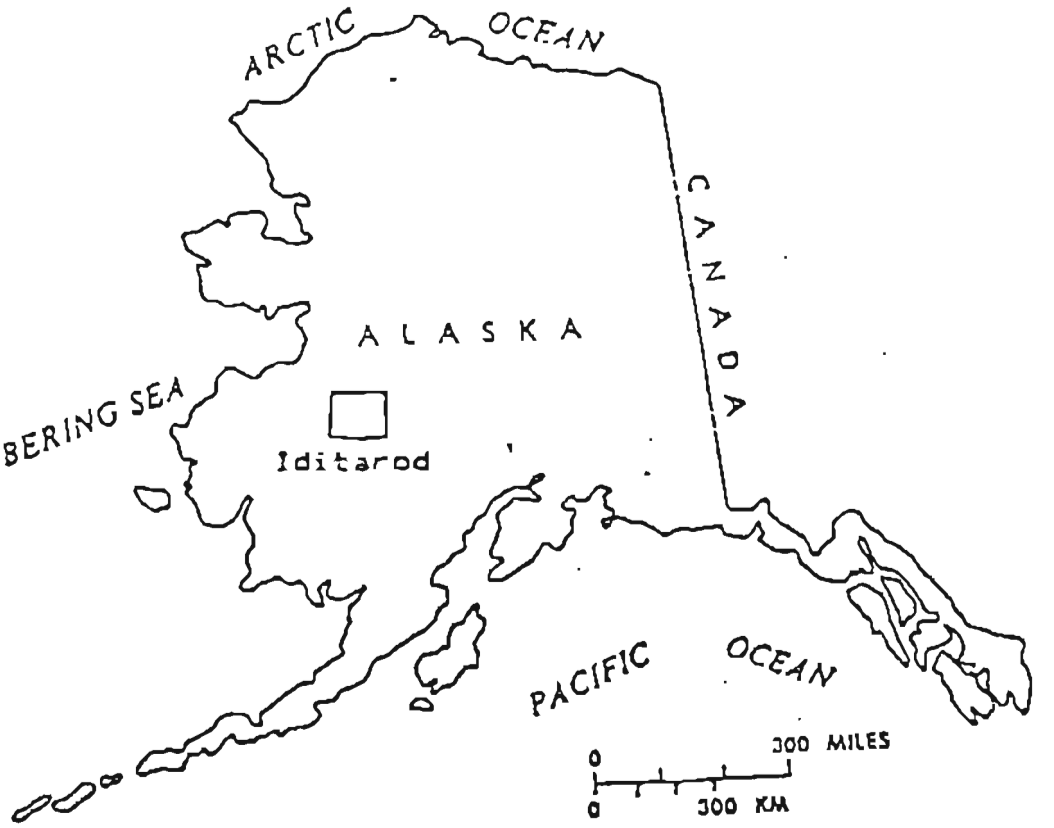


Figure 1. Location of the Iditarod quadrangle, Alaska.

of tall to moderately tall closed forests of white and black spruce, paper birch, aspen, alder, and balsam poplar; on moderate to well-drained sites. The other component, "Open, low growing spruce forests and treeless bogs" is dominated primarily by black spruce often interspersed with white spruce, paper birch, tamarack, and willows, locally interspersed with treeless bogs; on poorly drained sites usually underlain by permafrost.

## GEOLOGY

Cretaceous sedimentary rocks of the Kuskokwim Group (Cady and others, 1955) form the dominant bedrock in the Iditarod quadrangle. These rocks consist of thick sequences of intercalated sandstones, shales, and conglomerates (Bundtzen and Laird, 1983). Rocks of the Kuskokwim Group primarily represent deep water turbidite facies, but small amounts of shallow shoreline facies rocks also occur in the sequences (Miller and Bundtzen, 1987). These rocks have been deformed into northeast trending synclines and anticlines; high-angle faults appear to parallel these folds. A major northeast trending strike-slip fault, the Iditarod-Nixon Fork fault, transects the central portion of the quadrangle.

Late Cretaceous to early Tertiary volcanic-plutonic complexes intrude or overlie the Kuskokwim sedimentary rocks at several localities. These complexes consist of basalt and andesite volcanic flows that are in fault contact with or overlie monzonite plutons. An extensive felsic to mafic volcanic field, that is coeval with the volcanic-plutonic complexes, covers much of the western portion of the Iditarod quadrangle (Miller and Bundtzen, 1987).

Precambrian to late Paleozoic rocks that represent parts of the Innoko, Ruby, and possibly Kilbuck terranes are exposed in a narrow belt in the west-central part of the quadrangle. In the Iditarod quadrangle, the extension of the Innoko terrane consists of Mississippian to Jurassic chert and volcanic rock (M.L. Miller, written commun., 1987). The Ruby terrane is composed of greenschist facies metamorphic rocks of probable Precambrian to Paleozoic age (Angeloni and Miller, 1985). The possible Kilbuck terrane equivalent consists of amphibolite grade rocks that yield a Proterozoic protolith age, but that have a complex metamorphic history (Miller and Bundtzen, 1987). All three units are poorly exposed as narrow northeast-southwest trending belts.

A relatively minor exposure of ultramafic and mafic rocks have been mapped in the northern-most central portion of the quadrangle. These rocks are probably correlative with the Jurassic ophiolites of the Yukon-Koyukuk trend further to the north in the Ophir quadrangle (Miller and Angeloni, 1985).

## METHODS OF STUDY

### Sample Media

Aquatic bryophytes (mosses) have been recognized as a suitable sampling media for mineral prospecting (Shacklette, 1984). Several unique features which make them an ideal sampling media are: (1) mosses are long lived, which minimizes seasonal fluctuations in their chemistry caused by seasonal flow rates in streams, (2) species identification is not necessary because the differences in the chemistry between moss species does not present the problem as it does in higher plants, and (3) mosses do not have to be dried and processed immediately to prevent the growth of mold or decay which can alter vegetation chemistry (Shacklette, 1984). Samples of moss-sediment, stream sediment trapped within mosses, have also been used successfully as a geochemical exploration medium (Hedderly-Smith and Glavinovich, 1991). Sediment trapped within moss has a great ion-exchange capacity, and has been shown to concentrate rare earths and other metals (Smith, 1976).

### Sample Collection

Samples of moss and trapped sediment were collected from many of the same localities as the stream-sediment (Gray and others, 1988a) and stream-water samples (Gray and others, 1988b), as part of the overall geochemical survey of the area (plate 1). Moss samples could not be located at 288 of the 1151 sampling sites within the quadrangle. Plate 1 shows site localities for all geochemical samples collected during this project.

The moss samples consisted of living vegetation material collected within the active stream channel, the sides of streams, or from over banks. The streams sampled were primarily first-order (unbranched) and second-order (below the junction of two first-order) streams as shown on USGS topographic maps (scale 1:63,360). The stream sediment trapped within the mosses was later washed from the moss samples in the lab and saved as the moss-sediment samples.

At 35 sites willow samples were collected where mosses could not be located. The willow samples were a composite of twigs and leaves. The terminal 6-10 inches of several willows were collected within 10 to 15 feet of each other at each site, in the active stream channel when possible. The moss and willow sample results should not be combined for purposes of interpretation.

### Sample Preparation

The preparation method used on the moss samples collected the first year (1984) was very different from the procedure that developed by the third year (1986). Caution should be exercised in interpreting the analytical results due to this change in techniques. Results from the other more traditional sampling media should be included in all or any interpretation. For purposes of comparison and interpretation, sample site localities 001-409 on plate 1 are

from 1984, 410-999 are from 1985, and 1000-1571 are from 1986.

The 1984 moss samples were placed directly from their sample bag into a 1400-mL beaker containing tap water, alien objects removed, and the moss sample squeezed by hand. Water in the beaker was changed five times or more until the water remained somewhat clean. All rinse water was decanted into a funnel with a 1500 to 2000-mL filter and the moss-sediment saved for analysis. The moss material was then placed into a clean Hubco bag for drying. Only about 7-10 samples a day could be washed using this procedure.

A procedure developed by Lenarcic and Pirc (1986) was adapted for preparation of the samples collected in 1985. The dry moss samples were pounded with a rubber mallet while still in their sample bag to aid in the removal of the moss-sediment and to cut the amount of time required for preparation. After pounding, the sample bag was transferred to a flour sifter held over a beaker allowing the moss material and sediment to separate. The remaining moss material was then bagged in a plastic bag, filled with tap water and agitated. The water was drained and replaced a minimum of four times. Distilled water was used on the final rinse. Preparation time advanced to approximately seven samples an hour.

The procedure used for the samples collected in 1986 was modified again to speed preparation time. Instead of rinsing the pounded, sifted moss material in the small zip-loc bags, they were put directly into a 1400 mL beaker half-full of water, agitated, and squeezed by hand. Four rinses followed by a distilled water rinse were still necessary, but the amount of preparation time was reduced considerably. Seven samples could now be washed in a half-hour.

All cleaned moss and willow samples were dried at 50 °C in a forced air oven, ground in a Wiley Mill, and ashed at 500 °C. Percent ash content of these samples is not available and analytical results are presented on ash-weight basis (tables 3 and 5). The moss-sediment samples were dried under forced air at ambient temperature and 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**

The moss, moss-sediment, and willow samples were analyzed for 34 elements using a semiquantitative, direct-current arc emission spectrographic (SQS) method (Grimes and Marranzino, 1968). The elements analyzed and their lower limits of determination are listed in tables 1 and 2. The ashed moss and willow, and moss-sediment, SQS results were obtained by visual comparison of spectra derived from the sample against spectra obtained from plant standards and standards made from pure oxides and carbonates, respectively. Standard concentrations are geometrically spaced over any given order of magnitude of concentration as follows: 100, 50, 20, 10, and so forth. Samples whose concentrations are estimated to fall between those values are assigned values of 70, 30, 15, etc. The precision

of the analytical method is approximately plus or minus one reporting interval at the 83 percent confidence level and plus or minus two reporting intervals at the 96 percent confidence level (Motooka and Grimes, 1976). Values determined for the major elements (iron, magnesium, sodium, calcium, and titanium) are given in weight percent; all others are given in parts per million (micrograms/gram). Analytical data for samples from the Iditarod quadrangle are listed in tables 3-5. The two different SQS lower limit of determinations found for lanthanum, tungsten, and cobalt (table 2) are due to a change in standard operating procedure that occurred during this project. The elements gallium, germanium, and sodium were added to the SQS method during the course of the project and therefore, most samples were not analyzed for these elements.

In addition to the SQS analysis, the moss, moss-sediments, and willow samples were analyzed for uranium using a UV-fluorescence method following sample digestion with nitric acid (Centanni and others, 1956). The normal working range for the uranium analysis of a 0.5 g sample was 0.05 ppm (lower limit of determination) and 100 ppm (upper limit of determination). However, some samples did not have enough material for the uranium analysis. As a result, when less than 0.5 g of material was analyzed, the upper or lower limits of determination were adjusted to estimate uranium concentrations in these samples. Thus, the upper and lower limits of determination for uranium vary in tables 3-5 accordingly in these instances.

## DATA STORAGE SYSTEM

Upon completion of all analytical work, the analytical results were entered into the Branch of Geochemistry's computer data base. This data base contains both descriptive geological information and analytical data. Any or all of this information may be retrieved and converted to a binary form (STATPAC) for computerized statistical analysis or publication (VanTrump and Miesch, 1977).

The data in this report are also available on 5.25 inch, 1.2-Mb magnetic diskettes that include the text in ASCII file format, and the analytical data in STATPAC file (.STP) format (Arbogast and others, 1991). Access to this information requires an IBM compatible computer using MS DOS, with a 5.25 inch drive capable of handling 1.2-Mb diskettes. In addition, an executable program STP2DAT.EXE (Grundy and Miesch, 1987) has been included that allows the STATPAC files to be converted to a number of other forms including telecommunications (.cmn), database (.dbf), and lotus 1-2-3 (.dif) files.

## DESCRIPTION OF DATA TABLES

Tables 3-5 list the results of analyses for the samples of moss, moss-sediment, and willow respectively. In the these tables, the data are arranged so that column 1 contains field numbers that correspond to those shown on the sample site locality map (plate 1). Duplicate samples were collected randomly throughout the study area and are designated with D1, D2, D3, and D4 suffixes in the data tables. The D2 and D3 suffixes are sample site duplicates

collected from the same stream approximately 500 ft (150 m) apart. When enough material was available, the D3 sample was split in the lab into D3 and D4 samples to estimate analytical variation within the sample. The D1 suffixes represent duplicates collected proximal to the D2 and D3 samples, but on different streams. Thus, the D1 samples have a different field number prefix. D1 duplicates were not collected with every D2-D3 sample set. The duplicate samples were collected for analysis of variance in the study area.

Column element headings that include "SQS" represent emission spectrographic analyses and "inst" indicates UV-fluorescence analyses. A letter "N" in the tables indicates that a given element was looked for, but was not detected at the lower limit of determination for that element. If an element was observed but was below the lowest reporting value, a "<" was entered before the lower limit of determination. If an element was observed, but was above the highest reporting value, a ">" was entered preceding the upper limit of determination. If an element was not looked for in a sample, a "--" was entered in place of an analytical value. An "H" is listed in a few instances were interferences hindered the ability to determine sample concentrations for an element.

## ACKNOWLEDGMENTS

The authors wish to thank Peter Folger, Karen Kelley, Jerry Gaccetta, and Robert Carlson for assisting with sample collection. Greg Thurston and Tom Peacock are acknowledged for their assistance in preparation of the moss samples. Ted Roemer performed the uranium analyses and John Bullock assisted with the SQS analyses for this study.

## REFERENCES CITED


Arbogast, B.F., Erickson, B.M., Gray, J.E., and McNeal, J.M., 1991, Diskette version of analytical results of moss, moss-sediment, and willow samples from the Iditarod quadrangle, Alaska: U.S. Geological Survey Open-file Report 91-380-B, 1-5.25 inch 1.2 Mb diskette.

Angeloni, L.M., and Miller, M.L., 1985, Greenschist facies metamorphic rocks of north-central Iditarod quadrangle, *in* Bartsch-Winkler, Susan, ed., The U.S. Geological Survey in Alaska-Accomplishments during 1984: U.S. Geological Survey Circular 967, p. 19-21.

Bundtzen, T.K., and Laird, G.M., 1983, Geologic map of the Iditarod D-1 quadrangle, Alaska: Alaska Division of Geological and Geophysical Surveys, Professional Report 78, 1 map, scale 1:63,360.

Cady, W.M., Wallace, R.E., Hoare, J.M., and Webber, E.J., 1955, The central Kuskokwim region, Alaska: U.S. Geological Survey Professional Paper 268, 132 p.

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

Gray, J.E., Arbogast, B.F., and Hudson, A.E., 1988a, Geochemical results and sample locality map of the stream sediment and nonmagnetic, heavy-mineral-concentrate samples from the Iditarod quadrangle, Alaska: U.S. Geological Survey Open-File Report 88-221, 69 p.

Gray, J.E., Ryder, J.L., Sanzolone, R.F., McHugh, J.B., and Ficklin, W.H., 1988b, Analytical data and sample locality map for stream water samples from the Iditarod quadrangle, Alaska, U.S. Geological Survey Open-File Report 88-55, 23 p.

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

Grundy, W.R., and Miesch, A.T., 1987, Brief descriptions of STATPAC and related statistical programs for the IBM Personal Computer: U.S. Geological Survey Open-file Report 87-411-A, 34 p.

Hedderly-Smith, D.A., and Glavinovich, P.S., 1991, Moss-mat stream sediment sampling in the Threemile Creek-Black Lake Area, southeastern Alaska, *in* Explore, Lavin, O.P., ed., The Association of Exploration Geochemists Newsletter: Denver, Colorado, no. 71, p. 14-17.

Kuchler, A.W., 1985, Map of the potential natural vegetation of Alaska, University of Kansas, revised 1985, *in* National Atlas of the United States of America: Department of Interior, U.S. Geological Survey.

Lenarcic, T., and Pirc, S., 1986, Rapid method of cleaning aquatic moss: Short note in Journal of Geochemical Exploration, v. 27, p. 213-216.

McGimsey, R.G., Miller, M.L., and Arbogast, B.F., 1988, Paper version of analytical results, and sample locality map for rock samples from the Iditarod quadrangle, Alaska: U.S. Geological Survey Open-File Report 88-421-A, 110 p.

Miller, M.L., and Angeloni, L.M., 1985, Ophiolitic rocks of the Iditarod quadrangle, west-central Alaska (abs): American Association of Petroleum Geologists Bulletin, v. 69, no. 4, p. 669-670.

Miller, M.L., and Bundtzen, T.K., 1987, Geology and mineral resources of the Iditarod quadrangle, west-central Alaska, *in* Sachs, J.S., ed., USGS Research on Mineral Resources, 1987, Programs and Abstracts, Denver, Colorado: U.S. Geological Survey Circular 995, p. 46-47.

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

Shacklette, H.T., 1984, The use of aquatic bryophytes in prospecting: Journal Geochemical Exploration, v. 21, p. 89-93.

Smith, D.C., 1976, Moss-trapped stream material as a prospecting medium: Journal Geochemical Exploration, v. 5, p. 338-341.

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

Viereck, L.A.and Dyrness, C.T., 1975, A preliminary classification system for vegetation of Alaska: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, General Technical Report PNW-106, 38 p.

**Table 1.** Limits of determination for the spectrographic analysis of ashed moss and willow samples, based on a 5-mg sample

| Element | Lower limit of determination | Upper limit of determination |
|---|---|---|
| | Percent | |
| Iron (Fe) | 0.005 | 5 |
| Magnesium (Mg) | .01 | 10 |
| Sodium (Na) | .005 | 5 |
| Titanium (Ti) | .001 | 1 |
| | Parts per million | |
| Silver (Ag) | 0.1 | 500 |
| Arsenic (As) | 200 | 5,000 |
| Gold (Au) | 2 | 500 |
| Boron (B) | 5 | 1,000 |
| Barium (Ba) | 20 | 20,000 |
| Beryllium (Be) | 0.5 | 100 |
| Bismuth (Bi) | 1 | 500 |
| Cadmium (Cd) | 1 | 500 |
| Cobalt (Co) | 5 | 1,000 |
| Chromium (Cr) | 5 | 1,000 |
| Copper (Cu) | 1 | 5,000 |
| Gallium (Ga) | 2 | 100 |
| Germanium (Ge) | 2 | 100 |
| Lanthanum (La) | 20 | 500 |
| Manganese (Mn) | 10 | 10,000 |
| Molybdenum (Mo) | 5 | 500 |
| Niobium (Nb) | 20 | 500 |
| Nickel (Ni) | 5 | 1,000 |
| Lead (Pb) | 10 | 5,000 |
| Antimony (Sb) | 50 | 5,000 |
| Tin (Sn) | 5 | 500 |
| Strontium (Sr) | 100 | 5,000 |
| Vanadium (V) | 5 | 1,000 |
| Tungsten (W) | 50 | 1,000 |
| Yttrium (Y) | 10 | 500 |
| Zinc (Zn) | 100 | 20,000 |
| Zirconium (Zr) | 10 | 1,000 |
| Indium (In) | 2 | 100 |
| Lithium (Li) | 200 | 10,000 |
| Thallium (Tl) | 2 | 100 |

**Table 2.** Limits of determination for the spectrographic analysis of moss-sediment samples, based on a 10-mg sample.

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

**Table 3.** Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska.
[N, not detected; <, detected but below the limit of determination shown; >, determined to be greater than the value shown. H, not determined due to an interference; SQS, semiquantitative spectrographic analysis; inst., instrumental UV-fluorescence analysis; pct., percent; ppm, parts per million.]

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| I0066M | 62 27 13 | 158 21 55 | >5 | 1 | .15 | .5 | .5 | N | N | >1,000 | 2,000 |
| I0083M | 62 17 39 | 157 10 38 | >5 | 2 | .2 | .2 | 1 | N | N | 1,000 | 2,000 |
| I0084M | 62 17 1 | 157 5 49 | >5 | 1 | .1 | .05 | .1 | N | N | 700 | 1,000 |
| I0085M | 62 17 3 | 157 4 15 | >5 | 1 | .1 | .15 | .5 | N | N | 700 | 1,500 |
| I0086M | 62 17 38 | 157 1 55 | >5 | 1.5 | .2 | .2 | 1 | N | N | >1,000 | 3,000 |
| I0087M | 62 18 8 | 157 1 52 | >5 | 1 | .1 | .2 | 2 | N | N | >1,000 | 5,000 |
| I0088M | 62 11 35 | 157 17 13 | >5 | 1 | .1 | .2 | .7 | N | N | 1,000 | 3,000 |
| I0089M | 62 10 38 | 157 15 15 | 2 | 1 | .2 | .2 | .5 | N | N | 1,000 | 1,000 |
| I0090M | 62 11 4 | 157 14 41 | >5 | 2 | .2 | .2 | 1.5 | N | N | >1,000 | 2,000 |
| I0091M | 62 13 8 | 157 15 51 | >5 | 2 | .1 | .3 | 2 | N | N | >1,000 | 3,000 |
| I0093M | 62 27 21 | 157 47 9 | >5 | 1.5 | .2 | .2 | 1 | N | N | >1,000 | 3,000 |
| I0094M | 62 27 48 | 157 43 12 | >5 | 2 | .15 | .2 | .5 | N | N | >1,000 | 2,000 |
| I0095M | 62 29 21 | 157 47 39 | >5 | 1 | .1 | .2 | 1.5 | N | N | 500 | 2,000 |
| I0099M | 62 51 36 | 156 59 2 | >5 | 5 | .5 | .2 | 5 | <200 | N | 1,000 | 2,000 |
| I0100M | 62 51 34 | 156 58 56 | 5 | 2 | .15 | .2 | 15 | 1,000 | N | >1,000 | 2,000 |
| I0101MD2 | 62 51 13 | 157 0 12 | 5 | 3 | .2 | .3 | 5 | N | N | >1,000 | 1,000 |
| I0102M | 62 50 44 | 157 2 58 | >5 | 3 | .1 | .2 | 2 | N | N | 1,000 | 3,000 |
| I0103M | 62 52 32 | 157 3 13 | 5 | 1 | .1 | .2 | 5 | 1,000 | N | 1,000 | 1,000 |
| I0104M | 62 53 0 | 157 2 48 | 5 | 2 | .15 | .5 | 1 | N | N | 1,000 | 1,500 |
| I0105M | 62 53 0 | 157 2 36 | 5 | 1.5 | .1 | .5 | .7 | N | N | 2 | 1,000 |
| I0106M | 62 53 7 | 157 1 13 | >5 | 2 | .5 | .2 | 7 | 200 | N | 1,000 | 2,000 |
| I0107M | 62 53 26 | 157 1 4 | 5 | 1.5 | .1 | .5 | 1.5 | N | N | 1,000 | 1,000 |
| I0108M | 62 53 28 | 157 1 5 | 3 | 1 | .1 | .3 | 1 | N | N | 1,000 | 2,000 |
| I0109M | 62 52 28 | 157 4 18 | 5 | 2 | .15 | .3 | 1 | N | N | 1,000 | 1,000 |
| I0110M | 62 49 32 | 156 57 26 | >5 | 3 | .15 | .2 | 2 | 500 | N | 700 | 2,000 |
| I0111M | 62 49 34 | 156 57 18 | >5 | 5 | .2 | .3 | 5 | 500 | N | >1,000 | 2,000 |
| I0112M | 62 17 51 | 156 46 48 | 5 | 2 | .2 | .3 | .7 | N | N | >1,000 | 2,000 |
| I0113M | 62 16 24 | 156 48 38 | >5 | 2 | .15 | .15 | .5 | N | N | 1,000 | 2,000 |
| I0114M | 62 17 4 | 156 43 36 | 3 | 2 | .1 | .2 | 2 | N | N | >1,000 | 2,000 |
| I0115M | 62 17 57 | 156 40 19 | >5 | 2 | .2 | .1 | 1 | 2,000 | N | 1,000 | 2,000 |
| I0116M | 62 18 50 | 156 38 36 | >5 | 1 | .15 | .2 | 7 | >5,000 | N | 1,000 | 2,000 |
| I0117M | 62 22 22 | 156 38 3 | >5 | 2 | .15 | .2 | 1 | 500 | N | 1,000 | 2,000 |
| I0118M | 62 22 13 | 156 44 10 | >5 | 1 | .1 | .5 | 1 | N | N | 500 | 1,000 |
| I0119M | 62 21 48 | 156 47 44 | >5 | .7 | .1 | .2 | .5 | N | N | 500 | 2,000 |
| I0120M | 62 18 20 | 156 51 24 | >5 | 2 | .2 | .2 | .2 | N | N | 1,000 | 3,000 |
| I0121M | 62 19 40 | 156 45 36 | >5 | 2 | .1 | .2 | 1 | N | N | >1,000 | 2,000 |
| I0122M | 62 15 22 | 156 53 19 | >5 | 1.5 | .1 | .2 | 1 | 1,000 | N | 1,000 | 2,000 |
| I0123M | 62 17 18 | 156 56 25 | 5 | 1 | .1 | .05 | 1 | N | N | 300 | 1,000 |
| I0124M | 62 24 53 | 157 5 54 | >5 | 2 | .2 | .1 | 1 | N | N | 700 | 2,000 |
| I0125M | 62 26 5 | 157 5 20 | >5 | 2 | .1 | .2 | .7 | N | N | 1,000 | 2,000 |
| I0126M | 62 26 14 | 157 3 39 | 2 | 1 | .1 | .02 | 1 | N | N | 500 | 700 |
| I0127M | 62 26 33 | 157 2 58 | >5 | 2 | .1 | .2 | 2 | N | N | 1,000 | 3,000 |
| I0128M | 62 23 49 | 157 9 23 | >5 | 2 | .3 | .2 | .5 | N | N | 500 | 5,000 |
| I0129M | 62 21 6 | 157 9 37 | >5 | .7 | .07 | .2 | .2 | N | N | 500 | 1,500 |
| I0130M | 62 19 37 | 157 8 41 | >5 | 1 | .1 | .15 | 2 | N | N | >1,000 | 2,000 |
| I0131M | 62 24 0 | 157 1 50 | 5 | 2 | .1 | .2 | 2 | N | N | 1,000 | 2,000 |
| I0132M | 62 21 4 | 157 3 41 | 5 | 1 | .1 | .2 | .5 | N | N | >1,000 | 2,000 |
| I0133M | 62 21 5 | 157 1 49 | >5 | 1.5 | .1 | .2 | .5 | N | N | 500 | 2,000 |
| I0134M | 62 20 35 | 157 3 15 | >5 | .7 | .1 | .3 | .7 | N | N | 500 | 2,000 |
| I0135M | 62 19 34 | 157 15 39 | 5 | 1.5 | .1 | .5 | 1 | N | N | 700 | 1,500 |
| I0136M | 62 21 43 | 157 14 9 | 5 | 1 | .1 | .2 | .5 | N | N | 500 | 2,000 |
| I0137M | 62 22 5 | 157 16 39 | >5 | 2 | .2 | .2 | .7 | N | N | 1,000 | 3,000 |
| I0138M | 62 24 15 | 157 19 6 | 5 | .7 | .15 | .2 | .2 | N | N | 200 | 1,500 |
| I0139M | 62 22 27 | 156 57 5 | 5 | .5 | .1 | .3 | .2 | N | N | 500 | 1,500 |
| I0140M | 62 28 11 | 156 58 52 | >5 | 2 | .15 | .15 | 1 | N | N | >1,000 | 2,000 |
| I0141M | 62 29 18 | 156 58 55 | >5 | 1 | .1 | .5 | .7 | N | N | 700 | 1,500 |
| I0142M | 62 29 0 | 157 5 10 | >5 | 1.5 | .2 | .1 | 1 | N | N | >1,000 | 3,000 |
| I0143M | 62 28 11 | 157 6 48 | 5 | 5 | .15 | .2 | .5 | N | N | >1,000 | 3,000 |
| I0144MD1 | 62 27 21 | 157 11 59 | >5 | 2 | .2 | .2 | 1 | N | N | 1,000 | 5,000 |
| I0144MD2 | 62 27 21 | 157 11 59 | >5 | 2 | .15 | .2 | 1 | N | N | >1,000 | 5,000 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0066M | 5 | N | N | 50 | 500 | 100 | 20 | N | N | 3,000 | 10 | <20 | 100 |
| I0083M | 5 | N | 10 | 100 | 100 | 500 | 10 | N | 50 | 7,000 | 20 | 50 | 200 |
| I0084M | <.5 | N | N | 15 | 20 | 100 | 2 | N | <20 | 2,000 | <5 | N | 20 |
| I0085M | 3 | N | N | 20 | 100 | 100 | 10 | N | N | 3,000 | 5 | <20 | 50 |
| I0086M | 2 | N | N | 50 | 100 | 200 | 10 | 5 | 20 | 5,000 | 20 | 50 | 100 |
| I0087M | 5 | N | 10 | 200 | 100 | 500 | 10 | 2 | 20 | >10,000 | 20 | 100 | 200 |
| I0088M | 7 | N | <1 | 100 | 100 | 300 | 15 | N | <20 | 10,000 | 10 | 100 | 150 |
| I0089M | 3 | <1 | N | 15 | 100 | 200 | 30 | N | N | 2,000 | 5 | N | 50 |
| I0090M | 5 | N | 20 | 50 | 100 | 500 | 10 | N | 50 | 10,000 | 20 | 50 | 200 |
| I0091M | 5 | N | 5 | 50 | 100 | 300 | 10 | N | 50 | 7,000 | 30 | 70 | 100 |
| I0093M | 7 | N | 2 | 100 | 100 | 500 | 20 | 2 | 20 | >10,000 | 10 | 50 | 150 |
| I0094M | 3 | N | N | 50 | 100 | 200 | 10 | N | <20 | 5,000 | 5 | 20 | 100 |
| I0095M | 7 | N | 2 | 100 | 200 | 500 | 10 | N | N | 10,000 | 5 | 30 | 150 |
| I0099M | 20 | <1 | <1 | 50 | 200 | 1,000 | 20 | 10 | 200 | 5,000 | 30 | 100 | 200 |
| I0100M | 20 | 2 | N | 100 | 200 | 1,500 | 20 | <2 | 200 | 7,000 | 10 | 150 | 200 |
| I0101MD2 | 10 | 1 | N | 20 | 150 | 700 | 20 | 10 | 100 | 2,000 | 50 | 50 | 100 |
| I0102M | 10 | 2 | 20 | 70 | 200 | 500 | 15 | 20 | 100 | 5,000 | 20 | 100 | 100 |
| I0103M | 20 | 2 | 20 | 50 | 200 | 500 | 20 | 20 | 200 | 2,000 | 10 | 200 | 100 |
| I0104M | 10 | N | 2 | 20 | 200 | 200 | 20 | 10 | 200 | 2,000 | 10 | 100 | 50 |
| I0105M | 10 | N | N | 15 | 200 | 150 | 15 | 5 | 100 | 2,000 | 30 | 50 | 50 |
| I0106M | 20 | <1 | 10 | 200 | 150 | 1,000 | 20 | 10 | >500 | 7,000 | 30 | 200 | 150 |
| I0107M | 10 | N | N | 50 | 150 | 500 | 15 | N | 150 | 2,000 | 20 | 100 | 100 |
| I0108M | 20 | N | N | 50 | 100 | 500 | 10 | N | 500 | 5,000 | 10 | 200 | 100 |
| I0109M | 10 | N | N | 50 | 100 | 200 | 20 | <2 | 100 | 3,000 | 20 | 100 | 100 |
| I0110M | 10 | 1 | 50 | 100 | 200 | 1,000 | 10 | 5 | 500 | 2,000 | 50 | 100 | 300 |
| I0111M | 20 | 2 | 5 | 70 | 200 | 700 | 20 | N | 200 | 3,000 | 20 | 150 | 200 |
| I0112M | 5 | <1 | N | 20 | 200 | 100 | 20 | <2 | 50 | 2,000 | <5 | 20 | 100 |
| I0113M | 5 | N | 5 | 100 | 70 | 300 | 10 | 5 | 20 | >10,000 | 20 | 100 | 100 |
| I0114M | 10 | 5 | 10 | 30 | 200 | 200 | 20 | N | 50 | 2,000 | 7 | 20 | 100 |
| I0115M | 7 | N | 20 | 70 | 70 | 300 | 7 | <2 | 50 | 10,000 | 20 | 20 | 50 |
| I0116M | 10 | 20 | N | 100 | 100 | 500 | 15 | N | 50 | 10,000 | 10 | 50 | 100 |
| I0117M | 5 | N | <1 | 100 | 70 | 500 | 10 | <2 | 50 | 5,000 | 30 | 50 | 200 |
| I0118M | 5 | N | 5 | 150 | 300 | 150 | 20 | N | N | 7,000 | 10 | 20 | 150 |
| I0119M | 2 | N | N | 50 | 100 | 150 | 20 | N | N | 5,000 | 5 | <20 | 100 |
| I0120M | 3 | N | N | 100 | 100 | 200 | 10 | N | <20 | >10,000 | 15 | 50 | 100 |
| I0121M | 5 | N | 10 | 100 | 100 | 150 | 10 | N | 50 | 7,000 | 20 | 100 | 100 |
| I0122M | 10 | N | N | 200 | 200 | 500 | 10 | N | 20 | >10,000 | 7 | 100 | 150 |
| I0123M | 1 | N | N | 20 | 20 | 100 | 5 | N | 100 | 2,000 | <5 | N | 70 |
| I0124M | 3 | N | 20 | 50 | 50 | 500 | 7 | <2 | <20 | >10,000 | 20 | 70 | 100 |
| I0125M | 5 | N | N | 50 | 100 | 300 | 15 | <2 | <20 | 10,000 | 7 | 50 | 100 |
| I0126M | 1 | N | 500 | 300 | 10 | 100 | <2 | N | 50 | 1,500 | <5 | 30 | 50 |
| I0127M | 7 | N | 20 | 50 | 100 | 500 | 10 | 2 | 20 | 7,000 | 10 | 70 | 150 |
| I0128M | 5 | N | N | 100 | 100 | 300 | 10 | N | N | >10,000 | 20 | 50 | 100 |
| I0129M | 2 | N | N | 30 | 100 | 150 | 20 | N | N | 3,000 | <5 | N | 100 |
| I0130M | 5 | N | 2 | 50 | 100 | 500 | 20 | N | N | 10,000 | 7 | 30 | 100 |
| I0131M | 5 | N | 20 | 50 | 100 | 500 | 15 | 5 | 50 | 10,000 | 10 | 100 | 200 |
| I0132M | 5 | N | <1 | 50 | 150 | 100 | 15 | N | N | 5,000 | 7 | 20 | 100 |
| I0133M | 5 | N | <1 | 50 | 100 | 200 | 15 | 5 | <20 | 7,000 | 10 | 50 | 100 |
| I0134M | 5 | N | N | 15 | 100 | 150 | 15 | N | N | 5,000 | 10 | <20 | 100 |
| I0135M | 7 | N | N | 50 | 150 | 200 | 20 | <2 | <20 | 3,000 | 10 | 50 | 100 |
| I0136M | 5 | N | N | 20 | 100 | 100 | 20 | N | N | 2,000 | 5 | N | 100 |
| I0137M | 5 | N | N | 50 | 100 | 500 | 15 | N | N | 7,000 | 10 | 50 | 150 |
| I0138M | 3 | N | N | 20 | 200 | 100 | 20 | N | N | 3,000 | 5 | N | 70 |
| I0139M | 3 | N | N | 15 | 200 | 100 | 10 | N | N | 500 | 5 | N | 50 |
| I0140M | 5 | N | 30 | 20 | 50 | 300 | 15 | 5 | N | 7,000 | 15 | 30 | 100 |
| I0141M | 5 | N | N | 50 | 100 | 200 | 10 | <2 | N | 5,000 | 5 | 20 | 100 |
| I0142M | 5 | N | 10 | 70 | 70 | 500 | 15 | 10 | <20 | 10,000 | 20 | 50 | 150 |
| I0143M | 3 | N | N | 50 | 100 | 500 | 15 | <2 | <20 | 10,000 | <5 | 70 | 150 |
| I0144MD1 | 5 | N | <1 | 100 | 100 | 700 | 20 | <2 | N | 10,000 | 20 | 50 | 200 |
| I0144MD2 | 5 | N | <1 | 100 | 100 | 500 | 20 | <2 | <20 | 10,000 | 5 | 70 | 200 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Tl-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0066M | 20 | N | N | 700 | 300 | N | 50 | 1,000 | 200 | 5 | N | N | 3.3 |
| I0083M | 50 | N | N | 1,000 | 500 | N | 100 | 2,000 | 150 | 10 | N | N | 14 |
| I0084M | 10 | N | N | 100 | 100 | N | 15 | 1,000 | 50 | 2 | N | N | 15 |
| I0085M | 10 | N | N | 100 | 200 | N | 20 | 700 | 100 | 5 | <200 | N | 5.8 |
| I0086M | 20 | N | N | 500 | 500 | N | 50 | 1,000 | 200 | 3 | <200 | N | 11 |
| I0087M | 20 | N | N | 500 | 500 | N | 100 | 1,500 | 150 | 7 | N | N | 15 |
| I0088M | 20 | N | N | 500 | 500 | N | 100 | 1,000 | 200 | 7 | N | N | 5.5 |
| I0089M | 20 | N | N | 500 | 200 | N | 20 | 1,000 | 100 | 5 | 20 | N | 2.4 |
| I0090M | 20 | N | 5 | 1,000 | 500 | N | 100 | 1,000 | 200 | 10 | N | N | 15 |
| I0091M | 20 | N | N | 1,000 | 200 | N | 100 | 1,500 | 150 | 5 | N | N | 17 |
| I0093M | 50 | N | N | 1,000 | 500 | N | 70 | 1,000 | 100 | 10 | N | N | 6.4 |
| I0094M | 20 | N | N | 500 | 200 | N | 20 | 500 | 100 | 5 | N | N | 8.2 |
| I0095M | 20 | N | N | 700 | 500 | N | 50 | 1,500 | 100 | 15 | N | N | 5.3 |
| I0099M | 100 | 50 | 5 | 1,000 | 300 | N | 150 | 2,000 | 100 | 2 | N | N | 23 |
| I0100M | 50 | 70 | 10 | 1,000 | 200 | N | 100 | 2,000 | 200 | 2 | N | N | 110 |
| I0101MD2 | 100 | N | N | 1,000 | 200 | N | 50 | 2,000 | 150 | 2 | N | N | 260 |
| I0102M | 500 | N | N | 1,000 | 500 | N | 100 | 1,500 | 100 | 2 | N | N | 66 |
| I0103M | 500 | <50 | 10 | 1,000 | 300 | N | 200 | 1,500 | 100 | 2 | N | N | 180 |
| I0104M | 50 | N | <5 | 700 | 300 | N | 100 | 1,500 | 100 | 2 | N | N | 270 |
| I0105M | 70 | N | 5 | 700 | 300 | N | 100 | 1,000 | 300 | 2 | N | N | 73 |
| I0106M | 200 | <50 | <5 | 1,000 | 300 | N | 100 | 1,500 | 200 | 2 | N | <2 | 94 |
| I0107M | 50 | N | <5 | 1,000 | 200 | N | 100 | 1,000 | 300 | 2 | N | N | 69 |
| I0108M | 200 | N | <5 | 1,000 | 200 | N | 200 | 1,000 | 100 | 2 | N | N | 350 |
| I0109M | 50 | N | <5 | 1,000 | 200 | N | 100 | 2,000 | 150 | 2 | N | N | 110 |
| I0110M | 500 | <50 | N | 1,000 | 300 | N | 100 | 2,000 | 100 | 3 | N | N | >740 |
| I0111M | 100 | <50 | 5 | 1,000 | 200 | N | 100 | 2,000 | 200 | 3 | N | N | >310 |
| I0112M | 20 | N | N | 500 | 500 | N | 50 | 1,000 | 200 | 2 | <200 | N | 8.5 |
| I0113M | 20 | N | N | 1,000 | 500 | N | 70 | 1,000 | 100 | 5 | N | N | 12 |
| I0114M | 200 | N | 10 | 700 | 200 | N | 50 | 1,500 | 200 | 2 | N | N | 12 |
| I0115M | 50 | <50 | N | 1,000 | 500 | <50 | 50 | 2,000 | 70 | 5 | N | N | 32 |
| I0116M | 500 | 200 | N | 1,000 | 300 | N | 50 | 2,000 | 100 | 10 | N | N | 80 |
| I0117M | 50 | N | N | 1,000 | 500 | N | 70 | 2,000 | 100 | 5 | N | N | 14 |
| I0118M | 50 | N | N | 300 | 500 | N | 50 | 1,000 | 200 | 10 | N | N | 4 |
| I0119M | 10 | N | N | 200 | 500 | N | 50 | 1,000 | 200 | 7 | <200 | N | 2.2 |
| I0120M | 20 | N | N | 1,000 | 500 | N | 50 | 1,000 | 150 | 7 | N | N | 14 |
| I0121M | 20 | N | N | 1,000 | 200 | N | 100 | 1,500 | 100 | 2 | N | N | 11 |
| I0122M | 20 | N | N | 500 | 500 | N | 100 | 1,000 | 100 | 10 | N | N | 16 |
| I0123M | 20 | N | N | 200 | 100 | N | 20 | 1,000 | 50 | <2 | N | N | 8.3 |
| I0124M | 20 | N | N | 1,000 | 200 | N | 50 | 2,000 | 100 | 5 | N | N | 29 |
| I0125M | 20 | N | N | 700 | 300 | N | 50 | 1,000 | 100 | 5 | <200 | N | 6.4 |
| I0126M | 50 | N | N | 100 | 30 | N | 20 | 1,500 | 20 | <2 | N | N | -- |
| I0127M | 20 | N | N | 700 | 300 | N | 100 | 2,000 | 100 | 5 | <200 | N | 9.5 |
| I0128M | 20 | N | N | 2,000 | 500 | N | 50 | 1,000 | 100 | 10 | N | N | 4.8 |
| I0129M | 15 | N | N | 100 | 300 | N | 50 | 500 | 200 | 5 | <200 | N | 3.2 |
| I0130M | 20 | N | N | 500 | 300 | N | 50 | 1,000 | 150 | 5 | N | N | 6.5 |
| I0131M | 20 | N | N | 1,000 | 300 | N | 100 | 2,000 | 100 | 5 | N | N | 9.6 |
| I0132M | 10 | N | N | 500 | 300 | N | 50 | 1,000 | 200 | 5 | N | N | 6.5 |
| I0133M | 15 | N | N | 700 | 300 | N | 50 | 1,000 | 200 | 5 | <200 | N | 5 |
| I0134M | 15 | N | N | 300 | 500 | N | 30 | 1,000 | 200 | 5 | N | N | 4 |
| I0135M | 15 | N | N | 500 | 500 | N | 50 | 700 | 200 | 5 | <200 | N | 5.2 |
| I0136M | 10 | N | N | 200 | 300 | N | 50 | 700 | 200 | 5 | N | N | 3.1 |
| I0137M | 20 | N | N | 1,000 | 500 | N | 50 | 1,000 | 100 | 5 | N | N | 8.9 |
| I0138M | 15 | N | N | 500 | 300 | N | 20 | 1,000 | 500 | 3 | N | N | 1.7 |
| I0139M | <10 | N | N | 200 | 200 | N | 20 | 200 | 150 | 2 | <200 | N | 2.2 |
| I0140M | 20 | N | N | 700 | 200 | N | 50 | 3,000 | 100 | 2 | <200 | N | 14 |
| I0141M | 10 | N | N | 200 | 300 | N | 30 | 1,000 | 100 | 3 | <200 | N | 2.8 |
| I0142M | 30 | N | N | 1,000 | 500 | N | 70 | 2,000 | 150 | 5 | <200 | N | 20 |
| I0143M | 15 | N | 5 | 1,000 | 300 | N | 100 | 3,000 | 200 | 2 | <200 | N | 9.4 |
| I0144MD1 | 20 | N | N | 700 | 500 | N | 70 | 1,500 | 100 | 10 | N | N | 11 |
| I0144MD2 | 20 | N | N | 1,000 | 300 | N | 100 | 2,000 | 200 | 5 | <200 | N | 12 |

**Table 3.** Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| I0145M | 62 27 33 | 157 14 11 | >5 | 2 | .2 | .15 | 1 | N | N | >1,000 | 3,000 |
| I0146M | 62 27 55 | 157 15 19 | >5 | 3 | .2 | .2 | .7 | N | N | 1,000 | 3,000 |
| I0147M | 62 29 15 | 157 11 48 | >5 | 5 | .15 | .3 | .5 | N | N | >1,000 | 5,000 |
| I0148M | 62 29 41 | 157 21 21 | 5 | 1 | .15 | .2 | .2 | N | N | 500 | 1,500 |
| I0149M | 62 27 8 | 157 19 42 | >5 | 3 | .2 | .2 | .5 | N | N | >1,000 | 3,000 |
| I0150M | 62 26 26 | 157 19 1 | 5 | 1.5 | .1 | .2 | 1 | N | N | 700 | 2,000 |
| I0151M | 62 25 38 | 157 21 38 | >5 | 5 | .2 | .3 | .5 | N | N | >1,000 | 3,000 |
| I0152M | 62 25 48 | 157 23 21 | >5 | .7 | .1 | .5 | .1 | N | N | 100 | 1,000 |
| I0153M | 62 21 23 | 156 58 59 | >5 | 1 | .1 | .2 | .5 | N | N | 100 | 2,000 |
| I0154M | 62 6 45 | 158 28 9 | >5 | 3 | .5 | .2 | 1 | N | N | >1,000 | 5,000 |
| I0155M | 62 8 48 | 158 27 35 | >5 | 5 | .5 | .5 | 2 | N | N | >1,000 | 5,000 |
| I0156M | 62 8 4 | 158 21 21 | >5 | .7 | .15 | .3 | 1 | N | N | 500 | 2,000 |
| I0157M | 62 6 15 | 158 23 0 | >5 | 3 | .5 | .2 | 2 | N | N | >1,000 | 10,000 |
| I0158M | 62 6 12 | 158 23 7 | 5 | 1 | .1 | .5 | .5 | N | N | 500 | 2,000 |
| I0159M | 62 11 55 | 158 21 10 | >5 | 2 | .1 | .5 | 1 | N | N | 500 | 1,000 |
| I0160M | 62 13 51 | 158 22 32 | 5 | 5 | .2 | .1 | .2 | N | N | >1,000 | 1,000 |
| I0161M | 62 14 29 | 158 19 10 | >5 | .7 | .1 | .2 | 1 | N | N | 700 | 1,000 |
| I0162M | 62 21 48 | 157 49 40 | 5 | 1 | .1 | .5 | .2 | N | N | 500 | 1,000 |
| I0163M | 62 23 12 | 157 47 5 | 5 | 2 | .15 | .2 | .2 | N | N | 700 | 1,500 |
| I0164M | 62 19 51 | 157 47 39 | 3 | .5 | .1 | .5 | .2 | N | N | 50 | 1,000 |
| I0165M | 62 20 3 | 157 42 41 | 3 | .5 | .1 | .5 | <.1 | N | N | 500 | 1,000 |
| I0166M | 62 19 51 | 157 39 12 | 5 | 1 | .15 | .5 | .1 | N | N | 500 | 1,000 |
| I0167M | 62 19 53 | 157 39 9 | 2 | .5 | .05 | .2 | <.1 | N | N | 200 | 700 |
| I0168M | 62 22 14 | 157 40 30 | 5 | 1 | .1 | .2 | .2 | N | N | 700 | 1,000 |
| I0169M | 62 21 3 | 157 22 0 | 3 | .7 | .15 | .5 | .1 | N | N | 50 | 1,000 |
| I0170M | 62 23 48 | 157 24 17 | 5 | 1 | .1 | .2 | .5 | N | N | 700 | 1,500 |
| I0171M | 62 24 8 | 157 26 15 | 5 | .7 | .15 | .5 | .2 | N | N | 300 | 1,000 |
| I0172M | 62 25 4 | 157 28 2 | >5 | 2 | .1 | .1 | .2 | N | N | >1,000 | 5,000 |
| I0173M | 62 28 14 | 157 28 15 | 5 | 1 | .2 | .15 | .2 | N | N | 700 | 2,000 |
| I0174M | 62 29 39 | 157 27 47 | >5 | 2 | .2 | .1 | .2 | N | N | >1,000 | 2,000 |
| I0175M | 62 28 13 | 157 32 38 | >5 | 10 | 1 | .2 | .2 | N | N | >1,000 | 5,000 |
| I0176M | 62 27 41 | 157 32 17 | 5 | .5 | .2 | .3 | .1 | N | N | 200 | 1,000 |
| I0177M | 62 27 22 | 157 34 52 | >5 | 10 | .2 | .2 | .2 | N | N | >1,000 | 5,000 |
| I0178M | 62 29 39 | 157 38 14 | >5 | .5 | .1 | .2 | .5 | N | N | 300 | 1,000 |
| I0179M | 62 26 20 | 157 37 15 | 5 | 5 | .15 | .2 | .1 | N | N | 1,000 | 2,000 |
| I0180M | 62 24 18 | 157 42 1 | >5 | 2 | .1 | .2 | .1 | N | N | 1,000 | 2,000 |
| I0181M | 62 38 47 | 157 37 5 | >5 | 1 | .1 | .5 | 1 | N | N | 500 | 2,000 |
| I0182M | 62 37 18 | 157 36 8 | >5 | 2 | .1 | .1 | 1.2 | N | N | 700 | 20,000 |
| I0183M | 62 35 31 | 157 36 55 | >5 | 5 | 1 | .1 | .5 | N | N | >1,000 | 7,000 |
| I0184M | 62 35 50 | 157 34 28 | >5 | 1.5 | .15 | .2 | .1 | 1,000 | N | 200 | 1,500 |
| I0185M | 62 34 9 | 157 35 42 | 5 | 1 | .1 | .3 | .1 | N | N | 200 | 1,000 |
| I0186M | 62 32 55 | 157 31 5 | >5 | 3 | .15 | .2 | .5 | N | N | 1,000 | 2,000 |
| I0187M | 62 32 51 | 157 31 0 | >5 | 1 | .2 | .3 | .2 | N | N | 100 | 2,000 |
| I0188M | 62 31 26 | 157 35 1 | >5 | 1 | .15 | .5 | .5 | N | N | 150 | 1,500 |
| I0189M | 62 30 21 | 157 34 45 | >5 | 1.5 | .2 | .5 | .5 | N | N | 200 | 2,000 |
| I0190M | 62 33 56 | 157 28 29 | >5 | 5 | .3 | .1 | .5 | N | N | >1,000 | 20,000 |
| I0191M | 62 32 36 | 157 23 10 | 3 | 3 | .2 | .05 | 1.5 | N | N | >1,000 | 2,000 |
| I0192M | 62 31 58 | 157 24 22 | >5 | 3 | .15 | .2 | 1 | N | N | >1,000 | 3,000 |
| I0193M | 62 34 55 | 157 22 10 | >5 | 2 | .2 | .15 | 2 | N | N | >1,000 | 2,000 |
| I0194M | 62 35 48 | 157 26 26 | >5 | 2 | .2 | .15 | 1 | N | N | 1,000 | 3,000 |
| I0195M | 62 37 1 | 157 22 27 | >5 | 2 | .2 | .1 | 1 | N | N | >1,000 | 3,000 |
| I0196M | 62 36 28 | 157 20 11 | 3 | 5 | .2 | .15 | .2 | N | N | >1,000 | 5,000 |
| I0239M | 62 46 49 | 157 32 28 | >5 | 2 | .1 | .1 | 1 | N | N | 1,000 | 2,000 |
| I0240M | 62 48 44 | 157 32 21 | >5 | 5 | .2 | .2 | .5 | N | N | 1,000 | 2,000 |
| I0241M | 62 51 32 | 157 33 35 | >5 | 2 | .15 | .2 | 1 | N | N | >1,000 | 3,000 |
| I0242M | 62 51 29 | 157 36 44 | >5 | 1 | .1 | .1 | 1.5 | N | N | >1,000 | 2,000 |
| I0243M | 62 49 59 | 157 37 30 | 5 | 2 | .1 | .15 | 1 | N | N | >1,000 | 2,000 |
| I0244MD2 | 62 47 41 | 157 38 42 | >5 | 5 | .2 | .2 | .5 | N | N | 1,000 | 2,000 |
| I0245M | 62 45 46 | 157 42 23 | 2 | .5 | .05 | .1 | N | N | N | 1,000 | 1,000 |
| I0246M | 62 45 49 | 157 48 51 | 5 | 1 | .1 | .5 | 2 | N | N | >1,000 | 2,000 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0145M | 5 | N | 10 | 70 | 100 | 700 | 20 | 15 | <20 | 7,000 | 20 | 70 | 200 |
| I0146M | 5 | N | N | 50 | 100 | 300 | 20 | 20 | N | 5,000 | 15 | 50 | 200 |
| I0147M | 3 | N | <1 | 50 | 100 | 500 | 20 | <2 | 20 | 7,000 | 5 | 70 | 150 |
| I0148M | 5 | N | N | 50 | 200 | 100 | 15 | N | <20 | 2,000 | 5 | N | 100 |
| I0149M | 5 | N | N | 20 | 70 | 200 | 10 | <2 | N | 2,000 | 10 | 50 | 100 |
| I0150M | 5 | N | N | 20 | 100 | 100 | 10 | N | N | 3,000 | 10 | 20 | 100 |
| I0151M | 5 | N | N | 50 | 100 | 500 | 20 | 2 | N | 5,000 | 10 | 50 | 150 |
| I0152M | 2 | N | N | 15 | 200 | 100 | 15 | N | N | 1,000 | 5 | N | 100 |
| I0153M | 2 | N | N | 30 | 200 | 100 | 10 | N | N | 5,000 | 5 | 50 | 100 |
| I0154M | 7 | N | 2 | 100 | 300 | 500 | 20 | 10 | 50 | >10,000 | 50 | 70 | 150 |
| I0155M | 10 | N | 10 | 100 | 200 | 700 | 50 | 5 | 100 | 10,000 | 50 | 200 | 150 |
| I0156M | 5 | N | <1 | 200 | 100 | 300 | 10 | N | 20 | >10,000 | 7 | 70 | 150 |
| I0157M | 10 | N | 5 | 200 | 100 | 1,000 | 50 | 10 | 50 | >10,000 | 50 | 100 | 150 |
| I0158M | 3 | N | N | 100 | 100 | 200 | 10 | <2 | 20 | 7,000 | 10 | 50 | 100 |
| I0159M | 5 | N | N | 100 | 200 | 200 | 15 | N | 100 | 7,000 | 10 | 30 | 150 |
| I0160M | <.5 | N | 20 | 30 | 5 | 200 | 5 | N | N | >10,000 | 20 | N | 100 |
| I0161M | 5 | N | N | 100 | 100 | 500 | 15 | N | N | 5,000 | 5 | 50 | 100 |
| I0162M | 5 | N | N | 20 | 200 | 100 | 15 | N | 50 | 5,000 | 10 | 50 | 150 |
| I0163M | 3 | N | N | 30 | 200 | 100 | 15 | 5 | N | 5,000 | 10 | 20 | 100 |
| I0164M | 3 | N | N | 10 | 100 | 100 | 7 | N | N | 1,500 | 7 | <20 | 50 |
| I0165M | 3 | N | N | 10 | 1,000 | 50 | 10 | N | N | 2,000 | 5 | N | 50 |
| I0166M | 2 | N | N | 20 | 200 | 100 | 15 | N | N | 2,000 | 5 | <20 | 100 |
| I0167M | 2 | N | N | 10 | 150 | 20 | 5 | N | N | 1,000 | 10 | N | 30 |
| I0168M | 2 | N | N | 20 | 100 | 100 | 10 | 15 | N | 5,000 | 7 | <20 | 100 |
| I0169M | 2 | N | N | 20 | 100 | 100 | 10 | <2 | N | 2,000 | 5 | N | 70 |
| I0170M | 3 | N | N | 20 | 100 | 200 | 15 | N | <20 | 5,000 | 10 | 20 | 100 |
| I0171M | 5 | N | N | 50 | 100 | 100 | 10 | N | N | 5,000 | 7 | N | 50 |
| I0172M | 5 | N | 5 | 50 | 50 | 200 | 10 | N | N | >10,000 | 10 | 50 | 50 |
| I0173M | 5 | N | N | 10 | 100 | 200 | 15 | <2 | N | 3,000 | 5 | N | 50 |
| I0174M | 5 | N | N | 20 | 200 | 300 | 20 | <2 | N | 5,000 | 10 | <20 | 100 |
| I0175M | 2 | N | 5 | 20 | 70 | 500 | 10 | <2 | N | 5,000 | 50 | 50 | 100 |
| I0176M | 2 | N | N | 20 | 70 | 50 | 15 | <2 | N | 1,500 | 5 | N | 50 |
| I0177M | 5 | N | <1 | 70 | 100 | 500 | 20 | N | 50 | >10,000 | 50 | 100 | 100 |
| I0178M | 3 | N | N | 20 | 150 | 50 | 10 | 2 | N | 1,500 | 7 | <20 | 100 |
| I0179M | 3 | N | N | 50 | 100 | 200 | 10 | N | N | 7,000 | 15 | 50 | 100 |
| I0180M | 3 | N | 2 | 200 | 100 | 200 | 10 | N | <20 | 10,000 | 10 | 70 | 200 |
| I0181M | 5 | N | N | 50 | 200 | 200 | 20 | N | N | 2,000 | 5 | 20 | 100 |
| I0182M | 7 | N | 5 | 100 | 100 | 500 | 5 | N | N | >10,000 | 10 | 70 | 200 |
| I0183M | 2 | N | N | 50 | 200 | 1,000 | 20 | N | N | >10,000 | 50 | 70 | 50 |
| I0184M | 1.5 | N | N | 50 | 200 | 100 | 7 | N | N | 7,000 | 5 | 20 | 100 |
| I0185M | 2 | N | <1 | 30 | 300 | 50 | 5 | N | N | 3,000 | 7 | N | 100 |
| I0186M | 3 | N | <1 | 50 | 100 | 300 | 10 | N | <20 | 7,000 | 10 | 50 | 100 |
| I0187M | 2 | N | N | 20 | 100 | 100 | 10 | N | N | 5,000 | 5 | <20 | 100 |
| I0188M | 3 | N | N | 20 | 300 | 100 | 10 | <2 | 200 | 2,000 | 5 | <20 | 100 |
| I0189M | 3 | N | N | 30 | 150 | 100 | 10 | N | N | 5,000 | 7 | <20 | 100 |
| I0190M | 5 | N | N | 20 | 50 | 500 | 20 | N | N | 10,000 | 20 | 100 | 50 |
| I0191M | 5 | N | 15 | 50 | 100 | 500 | 7 | 10 | 100 | 7,000 | 20 | 100 | 200 |
| I0192M | 5 | N | 2 | 30 | 100 | 300 | 15 | 5 | 20 | 5,000 | 10 | 70 | 70 |
| I0193M | 3 | N | 5 | 100 | 100 | 200 | 10 | N | N | 10,000 | 20 | 30 | 100 |
| I0194M | 5 | N | N | 20 | 70 | 300 | 15 | 5 | N | 10,000 | 20 | 50 | 100 |
| I0195M | 5 | N | 10 | 20 | 50 | 500 | 10 | 5 | N | 10,000 | 15 | 50 | 100 |
| I0196M | 7 | N | N | 200 | 100 | 300 | 7 | <2 | 70 | >10,000 | 10 | 100 | 500 |
| I0239M | 10 | N | 5 | 200 | 200 | 500 | 20 | N | N | 5,000 | 5 | 50 | 200 |
| I0240M | 3 | N | 10 | 50 | 100 | 200 | 10 | N | 50 | 5,000 | 20 | 50 | 150 |
| I0241M | 5 | N | 10 | 200 | 200 | 500 | 20 | <2 | <20 | >10,000 | 10 | 70 | 500 |
| I0242M | 7 | N | 2 | 500 | 100 | 300 | 15 | N | N | >10,000 | 5 | 50 | 150 |
| I0243M | 5 | N | N | 50 | 100 | 300 | 10 | N | N | 7,000 | 7 | 30 | 100 |
| I0244MD2 | 2 | N | 10 | 50 | 100 | 200 | 7 | N | 50 | 5,000 | 20 | 50 | 200 |
| I0245M | 2 | N | N | 15 | 100 | 50 | 5 | N | 50 | 1,500 | <5 | N | 50 |
| I0246M | 5 | <1 | N | 50 | 100 | 500 | 30 | N | 20 | 1,500 | 10 | 30 | 100 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Tl-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0145M | 50 | N | N | 700 | 500 | N | 70 | 3,000 | 100 | 5 | N | N | 14 |
| I0146M | 20 | N | N | 500 | 200 | N | 50 | 1,500 | 100 | 5 | N | N | 13 |
| I0147M | 20 | N | N | 1,000 | 300 | N | 100 | 2,000 | 200 | 2 | <200 | N | 16 |
| I0148M | 10 | N | N | 200 | 500 | N | 20 | 300 | 200 | 5 | 200 | N | 1.8 |
| I0149M | 15 | N | N | 700 | 200 | N | 50 | 1,500 | 100 | 5 | <200 | N | 10 |
| I0150M | 10 | N | N | 500 | 300 | N | 30 | 1,000 | 150 | 2 | <200 | N | 9.7 |
| I0151M | 20 | N | N | 1,000 | 300 | N | 50 | 2,000 | 200 | 2 | N | N | 13 |
| I0152M | 10 | N | N | <100 | 300 | N | 10 | 500 | 100 | 3 | 200 | N | 1.3 |
| I0153M | 10 | N | N | 500 | 500 | N | 30 | 1,500 | 100 | 7 | N | N | 13 |
| I0154M | 30 | N | N | 1,000 | 1,000 | N | 100 | 3,000 | 200 | 10 | N | N | 7.9 |
| I0155M | 50 | <50 | 10 | 5,000 | 500 | N | 200 | 2,000 | 200 | 10 | N | N | 23 |
| I0156M | 20 | N | N | 700 | 500 | N | 100 | 700 | 150 | 5 | N | N | 10 |
| I0157M | 50 | N | N | 5,000 | 700 | N | 200 | 1,500 | 150 | 5 | N | N | 4.2 |
| I0158M | 20 | N | N | 700 | 300 | N | 50 | 1,000 | 200 | 5 | N | N | 2.8 |
| I0159M | 20 | N | N | 700 | 500 | N | 70 | 1,000 | 200 | 7 | N | N | 1.4 |
| I0160M | 15 | N | N | 1,000 | 100 | N | 10 | 7,000 | 50 | <2 | N | N | 1.8 |
| I0161M | 20 | N | <5 | 300 | 500 | N | 70 | 1,000 | 200 | 7 | N | N | 4.8 |
| I0162M | 10 | N | N | 500 | 500 | N | 50 | 1,000 | 200 | 5 | N | N | 3.4 |
| I0163M | 15 | N | N | 500 | 300 | N | 20 | 1,000 | 150 | 2 | N | N | 3.4 |
| I0164M | 10 | N | N | 200 | 300 | N | 20 | 500 | 200 | 2 | N | N | 1.4 |
| I0165M | <10 | N | N | 100 | 300 | N | 20 | 200 | 200 | 2 | N | N | 1.9 |
| I0166M | 10 | N | N | 200 | 500 | N | 50 | 700 | 150 | 5 | N | N | 3.7 |
| I0167M | <10 | N | N | <100 | 200 | N | 10 | N | 100 | <2 | N | N | 1.4 |
| I0168M | 10 | N | N | 500 | 300 | N | 20 | 500 | 100 | 5 | N | N | 7.7 |
| I0169M | 10 | N | N | 150 | 300 | N | 20 | 200 | 300 | 5 | N | N | 2.5 |
| I0170M | 20 | N | N | 1,000 | 200 | N | 50 | 1,500 | 100 | 5 | N | N | 6.1 |
| I0171M | 15 | N | N | 1,000 | 200 | N | 20 | 500 | 150 | 3 | N | N | 1.7 |
| I0172M | 10 | N | N | 1,000 | 300 | N | 50 | 1,500 | 50 | 5 | N | N | 6.2 |
| I0173M | 15 | N | N | 500 | 200 | N | 20 | 1,000 | 100 | <2 | <200 | N | 12 |
| I0174M | 15 | N | N | 500 | 500 | N | 50 | 1,000 | 200 | 10 | <200 | N | 3.8 |
| I0175M | 10 | N | N | 1,000 | 200 | N | 70 | 700 | 100 | 2 | N | N | 6.4 |
| I0176M | 10 | N | N | 300 | 300 | N | 10 | 200 | 100 | 2 | N | N | 2.9 |
| I0177M | 15 | N | N | 5,000 | 500 | N | 100 | 500 | 100 | 5 | N | N | 9.7 |
| I0178M | 10 | N | N | 200 | 200 | N | 20 | 200 | 150 | 3 | N | N | 2.1 |
| I0179M | 10 | N | N | 700 | 200 | N | 50 | 1,000 | 100 | 2 | N | N | 9.7 |
| I0180M | 15 | N | N | 700 | 300 | N | 50 | 1,000 | 100 | 5 | N | N | 3.3 |
| I0181M | 15 | N | N | 200 | 500 | N | 50 | 700 | 200 | 5 | N | N | 3.1 |
| I0182M | 20 | N | N | 1,000 | 300 | N | 70 | 2,000 | 70 | 10 | N | N | 9.3 |
| I0183M | 15 | N | N | 1,000 | 200 | N | 50 | 2,000 | 50 | 15 | N | N | 9.1 |
| I0184M | 10 | N | N | 500 | 300 | N | 20 | 500 | 100 | 10 | N | N | 2.3 |
| I0185M | <10 | N | N | 200 | 200 | N | 20 | 500 | 150 | 2 | N | N | 1.5 |
| I0186M | 20 | N | N | 1,000 | 200 | N | 50 | 1,500 | 100 | 5 | N | N | 12 |
| I0187M | <10 | N | N | 200 | 300 | N | 30 | 200 | 200 | 5 | N | N | 2.6 |
| I0188M | 15 | N | N | 500 | 300 | N | 30 | 300 | 300 | 3 | N | N | 3.2 |
| I0189M | 10 | N | N | 500 | 300 | N | 30 | 500 | 200 | 3 | N | N | 2.3 |
| I0190M | 15 | N | N | 1,000 | 200 | N | 100 | 1,000 | 100 | 10 | N | N | 12 |
| I0191M | 50 | N | N | 1,000 | 200 | N | 100 | 2,000 | 50 | <2 | N | N | 47 |
| I0192M | 20 | N | N | 1,000 | 300 | N | 70 | 1,000 | 100 | 5 | <200 | N | 6.2 |
| I0193M | 50 | N | N | 1,000 | 200 | N | 50 | 3,000 | 70 | 3 | N | N | 4.2 |
| I0194M | 15 | N | N | 700 | 200 | N | 70 | 2,000 | 100 | 5 | N | N | 11 |
| I0195M | 20 | N | N | 1,000 | 200 | N | 50 | 2,000 | 100 | 7 | N | N | 17 |
| I0196M | <10 | N | N | 1,000 | 500 | N | 100 | 1,000 | 100 | 2 | N | N | 17 |
| I0239M | 50 | N | N | 500 | 500 | N | 70 | 1,500 | 100 | 10 | N | N | 7.3 |
| I0240M | 20 | N | 10 | 1,000 | 500 | N | 70 | 2,000 | 150 | 5 | N | N | 11 |
| I0241M | 20 | N | N | 1,000 | 500 | N | 100 | 1,500 | 200 | 5 | N | N | 15 |
| I0242M | 30 | N | N | 500 | 500 | N | 70 | 1,000 | 100 | 7 | N | N | 6.1 |
| I0243M | 20 | N | N | 500 | 200 | N | 70 | 500 | 100 | 5 | <200 | N | 3.8 |
| I0244MD2 | 15 | N | N | 1,000 | 200 | N | 100 | 2,000 | 100 | 5 | N | N | 17 |
| I0245M | 10 | N | N | <100 | 200 | N | 10 | 200 | 50 | <2 | N | N | 8.5 |
| I0246M | 50 | N | N | 500 | 500 | N | 70 | 2,000 | 200 | 10 | <200 | N | 1.9 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| I0247M | 62 48 34 | 157 49 51 | 5 | 2 | .1 | .2 | 2 | 200 | N | >1,000 | 2,000 |
| I0248M | 62 48 59 | 157 43 17 | 5 | 2 | .07 | .3 | 1.5 | N | N | >1,000 | 1,500 |
| I0249M | 62 50 44 | 157 43 16 | >5 | 5 | .2 | .3 | 2 | N | N | >1,000 | 2,000 |
| I0251M | 62 30 2 | 157 45 22 | 5 | 3 | .1 | .2 | 1 | N | N | >1,000 | 3,000 |
| I0252M | 62 29 30 | 157 44 25 | 5 | 2 | .1 | .5 | 1 | N | N | 1,000 | 2,000 |
| I0253M | 62 30 41 | 157 43 30 | >5 | 2 | .2 | .1 | 1 | N | N | >1,000 | 3,000 |
| I0254MD2 | 62 31 39 | 157 42 45 | >5 | 2 | .2 | .2 | 1 | N | N | >1,000 | 2,000 |
| I0254MD3 | 62 31 39 | 157 42 45 | >5 | 3 | .1 | .2 | 1 | N | N | >1,000 | 5,000 |
| I0255M | 62 32 22 | 157 38 39 | >5 | 5 | .15 | .15 | .3 | N | N | >1,000 | 2,000 |
| I0257M | 62 8 43 | 158 54 21 | 5 | .5 | .1 | .5 | .1 | N | N | 200 | 1,000 |
| I0259M | 62 11 9 | 158 59 10 | >5 | 1.5 | .2 | .2 | 1 | N | N | 1,000 | 3,000 |
| I0260M | 62 10 18 | 158 50 41 | >5 | .5 | .1 | .2 | .5 | N | N | 10H | 2,000 |
| I0261M | 62 10 19 | 158 48 59 | >5 | .5 | .15 | .3 | .5 | N | N | 500 | 2,000 |
| I0262M | 62 8 2 | 158 45 21 | >5 | 1.5 | .2 | .2 | 1.5 | N | N | >1,000 | 5,000 |
| I0263M | 62 6 16 | 158 43 27 | >5 | .7 | .07 | .3 | 1 | N | N | 500 | 2,000 |
| I0264M | 62 5 31 | 158 35 54 | >5 | 2 | .15 | .2 | 1 | N | N | >1,000 | 2,000 |
| I0265M | 62 6 52 | 158 32 26 | >5 | 2 | .15 | .2 | 1.5 | N | N | >1,000 | 3,000 |
| I0266M | 62 8 15 | 158 31 8 | >5 | 1 | .5 | .5 | 5 | N | N | >1,000 | 1,500 |
| I0267M | 62 8 42 | 158 40 7 | >5 | 2 | .15 | .2 | 2 | N | N | 1,000 | 2,000 |
| I0268M | 62 8 30 | 158 39 10 | >5 | 2 | .5 | .2 | 1 | N | N | >1,000 | 5,000 |
| I0269MD2 | 62 10 3 | 158 38 39 | >5 | 1.5 | .1 | .2 | 1.5 | N | N | 1,000 | 3,000 |
| I0270M | 62 11 46 | 158 37 32 | >5 | 2 | .2 | .5 | 1 | N | N | 1,000 | 2,000 |
| I0271M | 62 11 34 | 158 43 58 | >5 | 1 | .1 | .2 | .7 | N | N | 1,000 | 2,000 |
| I0272M | 62 13 56 | 158 42 25 | 5 | 3 | .1 | .2 | .7 | N | N | >1,000 | 2,000 |
| I0273M | 62 14 41 | 158 47 43 | >5 | 1 | .1 | .2 | .5 | N | N | >1,000 | 2,000 |
| I0274M | 62 14 36 | 158 52 17 | >5 | 2 | .1 | .5 | 2 | N | N | 1,000 | 2,000 |
| I0275M | 62 14 43 | 158 57 31 | >5 | 2 | .3 | .5 | 1 | N | N | >1,000 | 3,000 |
| I0276M | 62 16 26 | 158 56 40 | >5 | .7 | .5 | .2 | .5 | N | N | >1,000 | 2,000 |
| I0277M | 62 18 56 | 158 57 25 | >5 | 1 | .1 | .3 | 2 | N | N | 1,000 | 5,000 |
| I0278M | 62 31 38 | 158 12 20 | >5 | 1 | .2 | .5 | 1.5 | N | N | >1,000 | 2,000 |
| I0279M | 62 31 10 | 158 16 35 | 3 | 2 | .1 | .5 | .5 | N | N | >1,000 | 1,000 |
| I0280M | 62 30 15 | 158 22 28 | >5 | 1.5 | .1 | .3 | 2 | N | N | 1,000 | 2,000 |
| I0281M | 62 34 6 | 158 20 13 | >5 | 1.5 | .1 | .3 | 2 | N | N | >1,000 | 3,000 |
| I0282M | 62 34 6 | 158 16 5 | >5 | 1.5 | .1 | .3 | .5 | N | N | >1,000 | 1,500 |
| I0283M | 62 53 42 | 157 9 42 | >5 | 1 | .1 | .2 | .5 | N | N | 700 | 2,000 |
| I0284M | 62 56 27 | 157 7 44 | 5 | 3 | .1 | .2 | <.1 | N | N | >1,000 | 1,500 |
| I0285M | 62 58 51 | 157 7 5 | >5 | 1 | .3 | .3 | .3 | N | N | 500 | 2,000 |
| I0286M | 62 58 19 | 157 0 46 | >5 | 3 | .15 | .2 | .7 | 200 | N | >1,000 | 2,000 |
| I0287M | 62 58 18 | 157 0 40 | 5 | 2 | .15 | .2 | .3 | N | N | >1,000 | 1,000 |
| I0289M | 62 56 28 | 156 55 52 | >5 | 2 | .1 | .3 | 1 | N | N | 1,000 | 1,000 |
| I0290M | 62 58 19 | 156 58 30 | >5 | 1.5 | .15 | .7 | 2 | N | N | >1,000 | 1,000 |
| I0291M | 62 59 48 | 156 52 49 | >5 | 2 | .3 | .5 | .3 | N | N | 1,000 | 1,000 |
| I0292M | 62 56 51 | 156 45 52 | 5 | 1 | .1 | >1 | .1 | N | N | 200 | 1,000 |
| I0293M | 62 56 48 | 156 45 51 | 5 | 1.5 | .15 | .5 | .5 | N | N | 1,000 | 1,000 |
| I0294M | 62 53 43 | 156 55 58 | >5 | 3 | .2 | .2 | 1 | <200 | N | 1,000 | 2,000 |
| I0295M | 62 53 41 | 156 56 1 | >5 | 2 | .2 | .2 | .5 | 200 | N | >1,000 | 1,000 |
| I0296M | 62 53 22 | 156 53 15 | >5 | 2 | .2 | .3 | 1 | 1,000 | N | >1,000 | 2,000 |
| I0297M | 62 53 25 | 156 53 19 | >5 | 3 | .15 | .2 | 1 | 200 | N | >1,000 | 1,000 |
| I0298M | 62 53 10 | 156 52 21 | 3 | 2 | .2 | .5 | 1 | <200 | N | 1,000 | 2,000 |
| I0299M | 62 52 5 | 156 49 51 | >5 | 2 | .15 | .2 | 1 | <200 | N | >1,000 | 3,000 |
| I0300MD1 | 62 51 44 | 156 46 56 | >5 | 2 | .15 | .3 | 1 | N | N | >1,000 | 2,000 |
| I0301M | 62 51 3 | 156 52 59 | 3 | 2 | .5 | .15 | 5 | 1,000 | N | >1,000 | 1,000 |
| I0302M | 62 51 27 | 156 52 40 | >5 | 5 | .1 | .1 | .5 | 500 | N | 1,000 | 1,000 |
| I0303M | 62 50 59 | 156 50 4 | >5 | 3 | .2 | .5 | 1 | N | N | 700 | 1,000 |
| I0304M | 62 49 46 | 156 48 2 | >5 | 2 | .1 | .2 | N | N | N | 700 | 1,500 |
| I0305M | 62 49 47 | 156 51 29 | >5 | 1.5 | .15 | .2 | 2 | N | N | >1,000 | 1,500 |
| I0306M | 62 49 58 | 156 52 21 | >5 | 1 | .1 | .3 | 5 | N | N | >1,000 | 1,000 |
| I0307M | 62 48 0 | 156 51 32 | >5 | 5 | .2 | .5 | 2 | N | N | 1,000 | 1,000 |
| I0308M | 62 46 4 | 156 47 26 | >5 | 3 | .1 | .2 | .5 | N | N | >1,000 | 2,000 |
| I0309M | 62 21 36 | 156 52 44 | >5 | 2 | .3 | .2 | 1 | 3,000 | N | 1,000 | 3,000 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0247M | 10 | N | N | 150 | 150 | 1,000 | 10 | N | <20 | 3,000 | 5 | 100 | 200 |
| I0248M | 5 | N | 10 | 100 | 100 | 500 | 15 | N | <20 | 7,000 | 10 | 50 | 200 |
| I0249M | 5 | N | 5 | 100 | 100 | 500 | 10 | N | 50 | 3,000 | 15 | 70 | 200 |
| I0251M | 5 | N | 5 | 100 | 200 | 500 | 10 | N | N | 10,000 | 10 | 70 | 200 |
| I0252M | 5 | N | 10 | 50 | 100 | 300 | 10 | <2 | 50 | 7,000 | 10 | 50 | 100 |
| I0253M | 5 | N | 15 | 70 | 70 | 500 | 10 | 5 | <20 | 5,000 | 10 | 50 | 150 |
| I0254MD2 | 7 | N | 2 | 50 | 100 | 500 | 20 | N | <20 | 5,000 | 10 | 50 | 200 |
| I0254MD3 | 5 | N | 10 | 50 | 100 | 200 | 10 | N | 20 | 5,000 | 10 | 50 | 200 |
| I0255M | 2 | N | <1 | 50 | 150 | 200 | 10 | N | N | 7,000 | 10 | 20 | 100 |
| I0257M | 2 | N | N | 10 | 700 | 70 | 10 | N | 20 | 1,000 | 5 | 50 | 50 |
| I0259M | 10 | N | N | 150 | 70 | 500 | 20 | N | 50 | 10,000 | 7 | 70 | 50 |
| I0260M | 5 | N | N | 100 | 200 | 200 | 10 | N | 20 | 10,000 | 7 | 50 | 50 |
| I0261M | 5 | N | N | 70 | 70 | 200 | 10 | <2 | 20 | 7,000 | 10 | 50 | 70 |
| I0262M | 10 | N | 5 | 100 | 100 | 500 | 20 | <2 | 20 | 10,000 | 5 | 70 | 150 |
| I0263M | 5 | N | 5 | 70 | 100 | 100 | 10 | N | 20 | 5,000 | 10 | 30 | 100 |
| I0264M | 7 | N | 7 | 50 | 100 | 500 | 20 | N | 70 | 5,000 | 10 | 100 | 100 |
| I0265M | 5 | N | 5 | 200 | 200 | 500 | 10 | N | 50 | >10,000 | 10 | 100 | 200 |
| I0266M | 7 | N | N | 150 | 500 | 500 | 30 | N | 30 | 5,000 | 5 | 50 | 200 |
| I0267M | 7 | N | N | 100 | 100 | 500 | 15 | N | 20 | 10,000 | 7 | 50 | 200 |
| I0268M | 7 | N | 5 | 200 | 100 | 500 | 15 | <2 | <20 | 10,000 | 7 | 50 | 150 |
| I0269MD2 | 10 | N | 5 | 100 | 100 | 500 | 15 | N | 20 | 5,000 | 7 | 100 | 200 |
| I0270M | 10 | N | N | 70 | 70 | 200 | 20 | N | <20 | 2,000 | 10 | 30 | 100 |
| I0271M | 7 | N | N | 200 | 100 | 500 | 15 | N | 20 | 10,000 | 10 | 50 | 200 |
| I0272M | 5 | N | 3 | 100 | 50 | 200 | 10 | N | 50 | 10,000 | 10 | 100 | 100 |
| I0273M | 7 | N | <1 | 300 | 100 | 300 | 7 | N | 50 | >10,000 | 20 | 100 | 100 |
| I0274M | 5 | N | 10 | 50 | 100 | 200 | 20 | N | 50 | 3,000 | 10 | 20 | 70 |
| I0275M | 5 | N | N | 20 | 100 | 200 | 30 | N | 50 | 2,000 | 7 | 50 | 50 |
| I0276M | 10 | N | N | 100 | 100 | 200 | 20 | N | 30 | 10,000 | 10 | 70 | 50 |
| I0277M | 10 | N | 5 | 100 | 100 | 500 | 15 | N | 200 | 5,000 | 10 | 100 | 150 |
| I0278M | 7 | N | 5 | 20 | 100 | 500 | 30 | N | 20 | 2,000 | 7 | 50 | 70 |
| I0279M | 10 | <1 | 7 | 15 | 150 | 100 | 10 | N | 70 | 2,000 | 10 | 100 | 50 |
| I0280M | 5 | <1 | 2 | 50 | 100 | 300 | 20 | N | 20 | 2,000 | 5 | 30 | 70 |
| I0281M | 7 | N | 5 | 100 | 100 | 500 | 20 | N | 20 | 2,000 | 10 | 50 | 100 |
| I0282M | 2 | N | N | 100 | 100 | 500 | 20 | N | <20 | 7,000 | 5 | 20 | 100 |
| I0283M | 5 | N | N | 50 | 70 | 200 | 10 | N | 20 | 10,000 | 20 | 30 | 100 |
| I0284M | 7 | 1 | 10 | 70 | 100 | 100 | 10 | N | 200 | 10,000 | 20 | 100 | 70 |
| I0285M | 7 | N | 5 | 100 | 150 | 200 | 20 | N | N | 5,000 | 5 | N | 100 |
| I0286M | 10 | N | 1 | 100 | 150 | 300 | 10 | 10 | 300 | 5,000 | 50 | 500 | 100 |
| I0287M | 10 | N | 7 | 20 | 200 | 100 | 20 | <2 | 70 | 2,000 | 15 | 70 | 50 |
| I0289M | 10 | 1 | N | 20 | 200 | 200 | 20 | N | 200 | 5,000 | 20 | 100 | 100 |
| I0290M | 20 | N | 5 | 70 | 200 | 200 | 15 | <2 | 200 | 5,000 | 20 | 200 | 100 |
| I0291M | 10 | N | N | 50 | 200 | 100 | 20 | N | 50 | 7,000 | 10 | 50 | 100 |
| I0292M | 5 | N | N | 15 | 500 | 50 | 15 | N | <20 | 3,000 | 5 | 20 | 30 |
| I0293M | 5 | N | 2 | 50 | 150 | 70 | 15 | 7 | 50 | 5,000 | 20 | 50 | 70 |
| I0294M | 10 | 1 | 5 | 70 | 100 | 500 | 10 | N | 200 | 2,000 | 30 | 100 | 100 |
| I0295M | 7 | <1 | <1 | 50 | 150 | 200 | 15 | N | 100 | 2,000 | 50 | 50 | 100 |
| I0296M | 7 | <1 | <1 | 50 | 150 | 200 | 20 | 2 | 100 | 2,000 | 50 | 50 | 70 |
| I0297M | 10 | 1 | 2 | 30 | 100 | 500 | 10 | 5 | 200 | 3,000 | 50 | 100 | 70 |
| I0298M | 10 | 1 | N | 50 | 200 | 200 | 20 | 10 | 100 | 2,000 | 20 | 100 | 100 |
| I0299M | 10 | N | 10 | 50 | 100 | 200 | 15 | 2 | 150 | 2,000 | 50 | 100 | 100 |
| I0300MD1 | 7 | N | 5 | 50 | 150 | 200 | 20 | 5 | 100 | 2,000 | 20 | 100 | 100 |
| I0301M | 10 | 5 | N | 20 | 100 | 700 | 30 | N | 150 | 5,000 | 10 | 100 | 50 |
| I0302M | 10 | N | 5 | 50 | 100 | 200 | 5 | N | 200 | 2,000 | 50 | 100 | 50 |
| I0303M | 7 | N | 2 | 50 | 200 | 100 | 20 | N | 100 | 3,000 | 10 | 50 | 50 |
| I0304M | 5 | N | N | 200 | 200 | 100 | 5 | N | <20 | 5,000 | 30 | 30 | 70 |
| I0305M | 10 | 2 | N | 100 | 200 | 500 | 20 | <2 | 200 | 5,000 | 20 | 70 | 100 |
| I0306M | 10 | 2 | 2 | 50 | 200 | 150 | 15 | 5 | 150 | 2,000 | 20 | 50 | 100 |
| I0307M | 7 | N | 5 | 20 | 150 | 70 | 20 | N | 100 | 2,000 | 10 | 50 | 100 |
| I0308M | 3 | N | <1 | 20 | 100 | 200 | 10 | <2 | 50 | 3,000 | 50 | 70 | 100 |
| I0309M | 5 | N | N | 100 | 100 | 500 | 15 | 5 | N | 10,000 | 20 | 50 | 150 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Tl-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0247M | 30 | N | N | 500 | 500 | N | 70 | 1,000 | 150 | 10 | N | N | 6.3 |
| I0248M | 20 | N | N | 500 | 300 | N | 100 | 1,000 | 200 | 5 | N | N | 8.4 |
| I0249M | 50 | N | 20 | 1,000 | 500 | N | 100 | 2,000 | 150 | 10 | N | N | 7.1 |
| I0251M | 20 | N | N | 700 | 300 | N | 70 | 1,000 | 150 | 10 | N | N | 8.4 |
| I0252M | 20 | N | N | 1,000 | 300 | N | 50 | 1,000 | 200 | 5 | N | N | 5.3 |
| I0253M | 30 | N | N | 1,000 | 300 | N | 50 | 2,000 | 100 | 7 | N | N | 6 |
| I0254MD2 | 20 | N | N | 700 | 300 | N | 70 | 1,500 | 100 | 5 | N | N | 7.4 |
| I0254MD3 | 20 | N | N | 700 | 300 | N | 50 | 1,000 | 150 | 5 | N | N | 8.5 |
| I0255M | 20 | N | 30 | 700 | 200 | N | 50 | 1,000 | 100 | 2 | N | N | 4.4 |
| I0257M | 10 | N | N | 300 | 300 | N | 10 | 200 | 200 | 2 | N | N | 1.2 |
| I0259M | 20 | N | N | 700 | 300 | N | 70 | 1,000 | 150 | 5 | N | N | 10 |
| I0260M | 20 | N | N | 1,000 | 500 | N | 100 | 1,000 | 300 | 5 | N | N | 2.9 |
| I0261M | 10 | N | N | 1,000 | 300 | N | 70 | 1,000 | 200 | 7 | N | N | 5 |
| I0262M | 30 | N | N | 1,000 | 500 | N | 100 | 1,000 | 150 | 10 | N | N | 5.7 |
| I0263M | 15 | N | N | 500 | 500 | N | 100 | 1,000 | 200 | 5 | N | N | 3.8 |
| I0264M | 30 | N | N | 1,000 | 500 | N | 100 | 1,500 | 150 | 5 | N | N | 8.5 |
| I0265M | 10 | N | N | 1,000 | 500 | N | 100 | 1,000 | 100 | 5 | N | N | 14 |
| I0266M | 30 | N | N | 500 | 500 | N | 70 | 1,000 | 200 | 10 | N | N | -- |
| I0267M | 20 | N | N | 500 | 500 | N | 70 | 2,000 | 200 | 7 | N | N | 4.1 |
| I0268M | 20 | N | N | 700 | 300 | N | 70 | 1,000 | 150 | 5 | N | N | -- |
| I0269MD2 | 50 | N | N | 700 | 500 | N | 100 | 1,500 | 200 | 7 | N | N | 15 |
| I0270M | 30 | N | N | 700 | 300 | N | 50 | 1,000 | 200 | 5 | N | N | 2.6 |
| I0271M | 15 | N | N | 700 | 300 | N | 100 | 1,000 | 200 | 5 | N | N | 6.9 |
| I0272M | 10 | N | N | 1,000 | 300 | N | 100 | 1,500 | 150 | 5 | N | N | 7.9 |
| I0273M | 10 | N | N | 500 | 500 | N | 100 | 1,000 | 150 | 5 | N | N | 11 |
| I0274M | 50 | N | N | 700 | 300 | N | 100 | 2,000 | 200 | 5 | N | N | 3.6 |
| I0275M | 50 | N | <5 | 700 | 300 | N | 50 | 1,500 | 300 | 5 | N | N | 3.5 |
| I0276M | 20 | N | N | 500 | 500 | N | 70 | 1,000 | 100 | 10 | N | N | 8.7 |
| I0277M | 20 | N | N | 1,000 | 500 | N | 100 | 1,500 | 200 | 7 | N | N | 42 |
| I0278M | 30 | N | N | 700 | 300 | N | 70 | 1,500 | 150 | 3 | N | N | 6 |
| I0279M | 20 | N | <5 | 700 | 200 | N | 100 | 2,000 | 100 | <2 | N | N | 200 |
| I0280M | 30 | N | N | 700 | 500 | N | 50 | 1,500 | 150 | 5 | N | N | 8 |
| I0281M | 30 | N | N | 1,000 | 300 | N | 100 | 2,000 | 200 | 5 | N | N | 6.9 |
| I0282M | 20 | N | N | 500 | 500 | N | 70 | 1,500 | 200 | 5 | N | N | -- |
| I0283M | 50 | N | N | 700 | 200 | N | 70 | 1,000 | 100 | 5 | N | N | 14 |
| I0284M | 15 | N | N | 1,000 | 200 | N | 150 | 1,000 | 50 | <2 | N | N | 140 |
| I0285M | 20 | N | N | 700 | 500 | N | 50 | 1,000 | 10 | 15 | N | N | 7.9 |
| I0286M | 30 | N | N | 1,000 | 500 | N | 200 | 1,000 | 150 | 3 | N | N | >350 |
| I0287M | 20 | <50 | <5 | 1,500 | 200 | N | 70 | 1,500 | 500 | <2 | N | N | 250 |
| I0289M | 30 | N | 5 | 700 | 300 | N | 200 | 1,000 | 150 | 3 | N | N | 240 |
| I0290M | 50 | N | <5 | 1,000 | 200 | N | 150 | 1,000 | 100 | 5 | N | N | 83 |
| I0291M | 20 | N | N | 1,000 | 300 | N | 70 | 1,000 | 100 | 5 | N | N | 150 |
| I0292M | 20 | N | 10 | 300 | 500 | N | 50 | 500 | 150 | 2 | N | N | 15 |
| I0293M | 20 | N | N | 700 | 300 | N | 50 | 1,000 | 150 | 2 | N | N | 88 |
| I0294M | 20 | N | <5 | 1,000 | 200 | N | 100 | 1,000 | 100 | 2 | N | N | 180 |
| I0295M | 20 | N | 5 | 1,000 | 100 | N | 70 | 1,000 | 200 | 2 | N | N | >320 |
| I0296M | 70 | <50 | 5 | 700 | 300 | N | 50 | 500 | 100 | 5 | N | N | 74 |
| I0297M | 20 | N | <5 | 1,000 | 200 | N | 100 | 1,500 | 150 | <2 | N | N | 190 |
| I0298M | 100 | N | <5 | 700 | 500 | N | 100 | 1,500 | 200 | 2 | N | N | >210 |
| I0299M | 50 | N | 5 | 1,000 | 200 | N | 100 | 2,000 | 150 | <2 | N | N | 63 |
| I0300MD1 | 50 | N | N | 1,000 | 200 | N | 100 | 1,000 | 150 | 2 | N | N | 32 |
| I0301M | 500 | N | 20 | 500 | 100 | N | 100 | 1,000 | 100 | 2 | 200 | N | >100 |
| I0302M | 20 | N | N | 1,500 | 200 | N | 70 | 1,000 | 100 | 2 | N | N | >480 |
| I0303M | 20 | N | 10 | 700 | 200 | N | 50 | 1,500 | 100 | 2 | N | N | 21 |
| I0304M | 10 | N | N | 1,000 | 500 | N | 50 | 1,500 | <10 | 7 | N | N | 41 |
| I0305M | 200 | N | N | 1,000 | 200 | N | 100 | 1,500 | 200 | 2 | N | N | 73 |
| I0306M | 100 | <50 | <5 | 1,000 | 200 | N | 50 | 2,000 | 200 | 2 | N | N | 53 |
| I0307M | 70 | N | 5 | 1,000 | 200 | N | 100 | 1,000 | 200 | 2 | N | N | 27 |
| I0308M | 10 | N | N | 1,000 | 300 | N | 100 | 1,000 | 100 | 2 | N | N | 15 |
| I0309M | 20 | N | N | 700 | 500 | N | 50 | 2,000 | 100 | 10 | N | N | 19 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| I0310M | 62 22 32 | 156 52 47 | >5 | 1 | .15 | .2 | .5 | N | N | >1,000 | 2,000 |
| I0311M | 62 18 37 | 156 55 21 | 5 | 1.5 | .2 | .2 | 1 | N | N | >1,000 | 2,000 |
| I0312M | 62 23 7 | 156 46 56 | >5 | 1 | .07 | .2 | 1 | N | N | 700 | 2,000 |
| I0313M | 62 23 41 | 156 41 54 | >5 | 2 | .2 | .2 | 1.5 | N | N | 1,000 | 2,000 |
| I0314M | 62 26 20 | 156 44 43 | 5 | .7 | .1 | .3 | 1 | N | N | 500 | 2,000 |
| I0315M | 62 26 57 | 156 46 46 | >5 | 2 | .1 | .2 | 1 | N | N | >1,000 | 2,000 |
| I0316M | 62 28 25 | 156 48 41 | >5 | 2 | .2 | .15 | .2 | N | N | 700 | 3,000 |
| I0317M | 62 29 24 | 156 50 15 | >5 | 1 | .1 | .2 | 1 | N | N | 500 | 3,000 |
| I0318M | 62 28 42 | 156 51 16 | >5 | 3 | .2 | .2 | 1.5 | N | N | 1,000 | 3,000 |
| I0319M | 62 28 14 | 156 52 0 | >5 | 2 | .1 | .2 | 1 | N | N | 1,000 | 2,000 |
| I0320M | 62 26 17 | 156 52 0 | >5 | 2 | .1 | .3 | 2 | N | N | 1,000 | 2,000 |
| I0321M | 62 25 10 | 156 53 20 | >5 | 1 | .15 | .2 | 1 | N | N | 300 | 2,000 |
| I0322MD2 | 62 25 13 | 156 53 30 | 5 | 1 | .2 | .5 | 2 | N | N | 200 | 1,000 |
| I0322MD3 | 62 25 13 | 156 53 30 | >5 | 2 | .1 | .2 | 1.5 | N | N | 700 | 2,000 |
| I0323M | 62 26 40 | 156 55 39 | 5 | 1 | .1 | .5 | 1.5 | N | N | 1,000 | 1,500 |
| I0324M | 62 3 58 | 158 31 18 | >5 | 5 | .5 | .2 | 1 | N | N | >1,000 | 2,000 |
| I0325M | 62 1 53 | 158 28 19 | >5 | 1 | .2 | .5 | .7 | N | N | 200 | 3,000 |
| I0326M | 62 1 52 | 158 24 58 | >5 | 2 | .2 | .2 | 1 | N | N | >1,000 | 5,000 |
| I0327M | 62 3 34 | 158 26 28 | >5 | 2 | .15 | .2 | 1 | N | N | 500 | 3,000 |
| I0328M | 62 3 31 | 158 26 25 | >5 | 2 | .2 | .1 | .5 | N | N | 1,000 | 10,000 |
| I0329M | 62 3 30 | 158 20 1 | >5 | 3 | .2 | .2 | 2 | N | N | >1,000 | 5,000 |
| I0330M | 62 3 27 | 158 20 1 | 5 | 2 | .2 | .5 | 2 | N | N | 1,000 | 5,000 |
| I0331M | 62 3 4 | 158 16 52 | >5 | 2 | .2 | .1 | 1 | N | N | 1,000 | 3,000 |
| I0332M | 62 1 45 | 158 17 17 | >5 | 3 | .3 | .2 | 2 | N | N | 1,000 | 3,000 |
| I0333MD2 | 62 1 32 | 158 20 27 | >5 | 3 | .2 | .3 | 2 | N | N | 1,000 | 3,000 |
| I0333MD3 | 62 1 32 | 158 20 27 | >5 | .7 | .1 | .2 | 2 | N | N | 700 | 2,000 |
| I0334MD2 | 62 1 25 | 158 14 40 | >5 | 1.5 | .2 | .2 | 1 | N | N | 1,000 | 3,000 |
| I0334MD3 | 62 1 25 | 158 14 40 | >5 | 2 | .3 | .2 | 1 | N | N | >1,000 | 3,000 |
| I0335M | 62 1 44 | 158 12 20 | >5 | 2 | .2 | .2 | 1 | 5,000 | N | >1,000 | 2,000 |
| I0336M | 62 0 23 | 158 8 43 | >5 | 2 | .2 | .1 | .2 | N | N | 1,000 | 10,000 |
| I0337M | 62 3 29 | 158 12 28 | >5 | 2 | .2 | .2 | 1 | 3,000 | N | 1,000 | 2,000 |
| I0338M | 62 5 17 | 158 16 14 | >5 | 1.5 | .3 | .2 | 1 | N | N | >1,000 | 3,000 |
| I0339M | 62 13 8 | 158 5 15 | >5 | 1 | .1 | .2 | 1.5 | N | N | 1,000 | 1,500 |
| I0340M | 62 12 59 | 158 3 54 | >5 | 2 | .2 | .2 | 2 | N | N | 1,000 | 2,000 |
| I0341M | 62 12 29 | 158 4 7 | >5 | 2 | .2 | .2 | 2 | N | N | 1,000 | 3,000 |
| I0342M | 62 11 22 | 158 7 8 | >5 | 1 | .2 | .2 | 1 | N | N | 1,000 | 5,000 |
| I0343M | 62 8 57 | 158 4 4 | 5 | .7 | .1 | .5 | .5 | N | N | 500 | 1,000 |
| I0344M | 62 8 3 | 158 7 56 | >5 | 1.5 | .5 | .2 | 1 | N | N | 1,000 | 3,000 |
| I0345M | 62 6 47 | 158 4 11 | >5 | 2 | .2 | .1 | .7 | N | N | >1,000 | 2,000 |
| I0346M | 62 6 27 | 158 8 39 | >5 | 1.5 | .2 | .2 | 1 | N | N | >1,000 | 3,000 |
| I0347MD2 | 62 4 24 | 158 7 51 | >5 | 2 | .2 | .2 | .5 | N | N | >1,000 | 3,000 |
| I0347MD3 | 62 4 24 | 158 7 51 | >5 | 5 | .5 | .15 | .5 | N | N | 1,000 | 3,000 |
| I0348M | 62 3 26 | 158 10 12 | >5 | .7 | .1 | .2 | .7 | 2,000 | N | 300 | 2,000 |
| I0349M | 62 0 29 | 158 4 9 | >5 | 5 | .2 | .2 | .5 | N | N | 1,000 | 2,000 |
| I0350M | 62 2 32 | 158 1 45 | 5 | .7 | .1 | .5 | .1 | N | N | 500 | 1,000 |
| I0351M | 62 6 19 | 158 12 1 | >5 | 1 | .1 | .2 | 1 | N | N | >1,000 | 2,000 |
| I0352M | 62 9 24 | 158 12 25 | >5 | .7 | .1 | .3 | 1.5 | N | N | 500 | 1,000 |
| I0353M | 62 11 33 | 158 12 11 | >5 | .7 | .1 | .3 | 1.5 | N | N | 700 | 2,000 |
| I0354M | 62 13 56 | 158 10 49 | 5 | 2 | .1 | .5 | 2 | N | N | 700 | 2,000 |
| I0355M | 62 11 17 | 158 15 16 | >5 | 2 | .3 | .5 | 2 | N | N | 1,000 | 5,000 |
| I0356M | 62 9 46 | 158 18 21 | >5 | 5 | .2 | .3 | 1 | N | N | 500 | 5,000 |
| I0357M | 62 23 21 | 157 45 1 | >5 | 10 | .2 | .2 | .2 | N | N | >1,000 | 5,000 |
| I0358M | 62 24 12 | 157 36 15 | >5 | 3 | .5 | .1 | .5 | N | N | >1,000 | 10,000 |
| I0359M | 62 24 47 | 157 33 58 | >5 | 1 | .15 | .2 | .2 | N | N | 300 | 2,000 |
| I0360M | 62 24 43 | 157 33 54 | >5 | 2 | .2 | .2 | .7 | N | N | >1,000 | 5,000 |
| I0361M | 62 20 39 | 157 32 59 | >5 | .5 | .15 | .3 | .1 | N | N | 200 | 1,000 |
| I0362M | 62 59 49 | 157 32 48 | >5 | 1 | .15 | .5 | 1.5 | N | N | 200 | 2,000 |
| I0363M | 62 55 42 | 157 40 24 | >5 | 2 | .2 | .1 | 1 | N | N | >1,000 | 2,000 |
| I0364M | 62 56 50 | 157 39 11 | >5 | 10 | .5 | .5 | 1 | N | N | >1,000 | 5,000 |
| I0365M | 62 58 46 | 157 37 2 | >5 | 3 | .1 | .5 | 2 | N | N | 700 | 1,500 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0310M | 5 | N | N | 50 | 100 | 300 | 10 | N | N | 5,000 | 10 | <20 | 100 |
| I0311M | 5 | N | N | 20 | 100 | 500 | 50 | N | N | 5,000 | 10 | 20 | 100 |
| I0312M | 5 | N | N | 15 | 100 | 100 | 10 | N | N | 2,000 | 10 | 20 | 50 |
| I0313M | 5 | N | N | 100 | 150 | 300 | 20 | N | N | 10,000 | 5 | 30 | 100 |
| I0314M | 5 | N | N | 20 | 150 | 100 | 20 | N | N | 5,000 | 5 | N | 100 |
| I0315M | 5 | N | 10 | 50 | 100 | 200 | 10 | 10 | <20 | 5,000 | 15 | 70 | 150 |
| I0316M | 3 | N | 5 | 100 | 100 | 300 | 7 | <2 | N | >10,000 | 20 | 50 | 100 |
| I0317M | 7 | N | <1 | 50 | 100 | 300 | 20 | N | N | 10,000 | 7 | 20 | 100 |
| I0318M | 5 | N | 10 | 100 | 50 | 300 | 10 | 5 | 50 | 5,000 | 50 | 100 | 200 |
| I0319M | 5 | N | 5 | 100 | 100 | 300 | 5 | N | N | >10,000 | 10 | 50 | 150 |
| I0320M | 7 | N | 10 | 100 | 100 | 500 | 15 | 5 | <20 | 7,000 | 10 | 70 | 200 |
| I0321M | 5 | N | N | 50 | 150 | 100 | 15 | N | N | 5,000 | <5 | N | 150 |
| I0322MD2 | 5 | N | 10 | 20 | 200 | 100 | 20 | N | 20 | 5,000 | 5 | <20 | 100 |
| I0322MD3 | 5 | N | 20 | 50 | 100 | 200 | 10 | N | N | 7,000 | 10 | 30 | 100 |
| I0323M | 5 | N | N | 20 | 150 | 100 | 15 | 2 | N | 2,000 | 7 | N | 100 |
| I0324M | 10 | N | N | 20 | 150 | 500 | 20 | 5 | 100 | 10,000 | 10 | 100 | 100 |
| I0325M | 5 | N | N | 50 | 100 | 200 | 15 | N | 20 | 10,000 | 7 | 50 | 50 |
| I0326M | 10 | N | 5 | 50 | 70 | 500 | 20 | <2 | 50 | 10,000 | 20 | 100 | 100 |
| I0327M | 5 | N | 10 | 200 | 100 | 300 | 10 | 2 | 20 | >10,000 | 10 | 100 | 150 |
| I0328M | 7 | N | N | 300 | 50 | 500 | 10 | N | <20 | >10,000 | 7 | 150 | 200 |
| I0329M | 7 | N | 10 | 150 | 70 | 500 | 20 | N | 50 | 10,000 | 10 | 100 | 150 |
| I0330M | 5 | N | 5 | 50 | 50 | 500 | 20 | N | 50 | 10,000 | 10 | 100 | 150 |
| I0331M | 5 | N | 7 | 150 | 50 | 500 | 15 | N | N | >10,000 | 5 | 100 | 200 |
| I0332M | 5 | N | 10 | 200 | 100 | 500 | 20 | <2 | <20 | 10,000 | 10 | 100 | 300 |
| I0333MD2 | 5 | N | 5 | 100 | 50 | 500 | 20 | N | <20 | 7,000 | 5 | 70 | 200 |
| I0333MD3 | 5 | N | N | 50 | 200 | 300 | 10 | N | N | 5,000 | 5 | <20 | 150 |
| I0334MD2 | 5 | N | <1 | 200 | 100 | 500 | 10 | N | <20 | >10,000 | 5 | 100 | 200 |
| I0334MD3 | 5 | N | N | 100 | 50 | 500 | 20 | N | <20 | 10,000 | 5 | 100 | 100 |
| I0335M | 7 | N | N | 50 | 100 | 500 | 20 | N | 20 | 7,000 | 10 | 100 | 100 |
| I0336M | 5 | N | <1 | 100 | 70 | 500 | 5 | N | N | >10,000 | 10 | 100 | 100 |
| I0337M | 5 | N | N | 100 | 70 | 500 | 15 | N | 50 | 10,000 | 10 | 100 | 200 |
| I0338M | 7 | N | 10 | 200 | 70 | 500 | 10 | 5 | 50 | >10,000 | 20 | 100 | 150 |
| I0339M | 5 | N | N | 200 | 100 | 200 | 10 | N | <20 | 10,000 | 5 | 50 | 150 |
| I0340M | 5 | N | 5 | 50 | 50 | 500 | 10 | <2 | <20 | 10,000 | 20 | 70 | 100 |
| I0341M | 7 | N | 10 | 100 | 100 | 500 | 20 | 5 | 70 | 10,000 | 15 | 100 | 150 |
| I0342M | 10 | N | 10 | 500 | 100 | 500 | 15 | 5 | 20 | >10,000 | 30 | 100 | 200 |
| I0343M | 2 | N | N | 20 | 100 | 200 | 15 | N | N | 3,000 | 5 | <20 | 100 |
| I0344M | 7 | N | 10 | 100 | 70 | 500 | 15 | 5 | 20 | >10,000 | 20 | 70 | 100 |
| I0345M | 5 | N | N | 100 | 100 | 200 | 10 | N | N | 10,000 | 30 | 50 | 100 |
| I0346M | 10 | N | 10 | 100 | 70 | 500 | 20 | N | 30 | >10,000 | 50 | 70 | 150 |
| I0347MD2 | 3 | N | 5 | 50 | 70 | 500 | 15 | <2 | N | 10,000 | 10 | 50 | 100 |
| I0347MD3 | 2 | N | 5 | 20 | 50 | 200 | 20 | N | N | 10,000 | 10 | 50 | 50 |
| I0348M | 5 | N | 5 | 100 | 100 | 150 | 10 | <2 | <20 | 10,000 | 7 | 70 | 70 |
| I0349M | 2 | N | 5 | 30 | 50 | 300 | 10 | 10 | N | 7,000 | 20 | 20 | 200 |
| I0350M | 2 | N | N | 10 | 200 | 50 | 10 | N | N | 1,500 | 10 | N | 100 |
| I0351M | 5 | N | 5 | 50 | 100 | 500 | 10 | 5 | N | 5,000 | 5 | 50 | 100 |
| I0352M | 5 | N | <1 | 50 | 150 | 300 | 15 | N | 100 | 5,000 | 10 | 100 | 100 |
| I0353M | 5 | N | <1 | 200 | 100 | 500 | 10 | N | 30 | >10,000 | 10 | 100 | 100 |
| I0354M | 5 | N | N | 150 | 100 | 200 | 20 | N | 20 | 5,000 | 7 | 50 | 150 |
| I0355M | 7 | N | 15 | 100 | 70 | 500 | 20 | N | 50 | 5,000 | 15 | 100 | 150 |
| I0356M | 5 | N | 10 | 200 | 50 | 500 | 10 | N | 50 | >10,000 | 15 | 100 | 150 |
| I0357M | 5 | N | 10 | 100 | 200 | 500 | 10 | N | 50 | >10,000 | 20 | 100 | 100 |
| I0358M | 5 | N | 10 | 150 | 100 | 300 | 15 | 10 | N | >10,000 | 50 | 50 | 100 |
| I0359M | 3 | N | N | 30 | 100 | 100 | 10 | 5 | N | 5,000 | 10 | <20 | 70 |
| I0360M | 10 | N | 5 | 70 | 100 | 500 | 50 | 5 | 50 | 10,000 | 50 | 70 | 100 |
| I0361M | 1 | N | N | 20 | 150 | 100 | 10 | N | N | 1,500 | 7 | N | 100 |
| I0362M | 3 | N | N | 50 | 100 | 150 | 15 | N | 20 | 2,000 | 5 | 20 | 100 |
| I0363M | 5 | N | N | 50 | 70 | 1,000 | 10 | N | N | 5,000 | 10 | 50 | 70 |
| I0364M | 10 | N | 20 | 200 | 100 | 2,000 | 50 | N | 150 | >10,000 | 50 | 200 | 100 |
| I0365M | 2 | N | N | 100 | 100 | 500 | 15 | N | N | 5,000 | 10 | 30 | 100 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Tl-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10310M | 15 | N | N | 500 | 500 | N | 50 | 1,000 | 150 | 5 | <200 | N | 5.3 |
| 10311M | 20 | N | N | 500 | 200 | N | 50 | 1,000 | 50 | 5 | N | N | 9.1 |
| 10312M | 15 | N | N | 500 | 200 | N | 50 | 700 | 150 | 2 | <200 | N | 4 |
| 10313M | 20 | N | 5 | 500 | 300 | N | 70 | 1,000 | 200 | 5 | N | N | 3.3 |
| 10314M | 10 | N | N | 150 | 500 | N | 50 | 700 | 200 | 5 | 200 | N | 1.1 |
| 10315M | 15 | 50 | N | 700 | 200 | N | 70 | 1,000 | 150 | 3 | N | N | 8.2 |
| 10316M | 20 | N | N | 500 | 500 | N | 50 | 1,000 | 100 | 7 | N | N | 19 |
| 10317M | 10 | N | N | 500 | 300 | N | 50 | 1,500 | 150 | 5 | N | N | 4 |
| 10318M | 30 | N | N | 1,000 | 200 | N | 100 | 2,000 | 150 | 2 | N | N | 14 |
| 10319M | 20 | N | N | 700 | 300 | N | 100 | 1,000 | 100 | 7 | N | N | 7.8 |
| 10320M | 20 | <50 | N | 700 | 500 | N | 100 | 1,500 | 200 | 5 | N | N | 6 |
| 10321M | 10 | N | N | 200 | 300 | N | 20 | 1,000 | 200 | 5 | <200 | N | 3.4 |
| 10322MD2 | 15 | N | N | 200 | 300 | N | 30 | 1,000 | 200 | 5 | <200 | N | 4.5 |
| 10322MD3 | 10 | N | N | 700 | 200 | N | 70 | 1,000 | 100 | 5 | <200 | N | 7.9 |
| 10323M | 15 | N | 5 | 200 | 300 | N | 30 | 1,000 | 200 | 2 | <200 | N | 4.7 |
| 10324M | 15 | N | N | 1,000 | 500 | N | 100 | 1,000 | 200 | 5 | N | N | 11 |
| 10325M | 20 | N | N | 700 | 300 | N | 70 | 500 | 200 | 5 | N | N | 6.1 |
| 10326M | 50 | N | N | 1,500 | 500 | N | 100 | 2,000 | 200 | 5 | N | N | 13 |
| 10327M | 20 | N | N | 1,000 | 500 | N | 100 | 2,000 | 100 | 7 | N | N | 8 |
| 10328M | 20 | N | N | 1,000 | 500 | N | 150 | 2,000 | 70 | 5 | N | N | 5.4 |
| 10329M | 20 | N | N | 1,500 | 500 | N | 100 | 2,000 | 100 | 5 | N | N | 4.8 |
| 10330M | 20 | N | N | 1,000 | 300 | N | 100 | 2,000 | 150 | 3 | N | N | 4.4 |
| 10331M | 15 | N | N | 500 | 300 | N | 100 | 1,500 | 100 | 5 | N | N | 4.9 |
| 10332M | 20 | N | N | 1,000 | 500 | N | 100 | 2,000 | 100 | 7 | N | N | 8.3 |
| 10333MD2 | 20 | N | N | 700 | 500 | N | 70 | 2,000 | 200 | 3 | N | N | 5.9 |
| 10333MD3 | 10 | N | N | 500 | 300 | N | 30 | 1,500 | 100 | 5 | N | N | 2.4 |
| 10334MD2 | 20 | N | N | 1,000 | 500 | N | 100 | 2,000 | 100 | 10 | N | N | 7.4 |
| 10334MD3 | 20 | N | N | 1,000 | 500 | N | 100 | 1,500 | 200 | 5 | N | N | 6.1 |
| 10335M | 30 | N | N | 500 | 300 | N | 100 | 500 | 200 | 10 | N | N | 17 |
| 10336M | 15 | N | N | 2,000 | 500 | N | 100 | 1,000 | 100 | 5 | N | N | 10 |
| 10337M | 20 | 200 | N | 700 | 500 | N | 100 | 1,500 | 200 | 5 | N | N | 19 |
| 10338M | 50 | N | N | 1,500 | 500 | N | 100 | 2,000 | 200 | 5 | N | N | 6.8 |
| 10339M | 20 | N | N | 1,000 | 200 | N | 100 | 1,500 | 200 | 7 | N | N | 4.9 |
| 10340M | 20 | N | N | 700 | 300 | N | 100 | 1,500 | 100 | 5 | N | N | 13 |
| 10341M | 50 | N | N | 1,000 | 500 | N | 100 | 2,000 | 100 | 10 | N | N | 10 |
| 10342M | 50 | 50 | N | 1,000 | 1,000 | N | 100 | 2,000 | 100 | 10 | N | N | 7.1 |
| 10343M | 15 | N | N | 200 | 500 | N | 50 | 500 | 150 | 5 | N | N | 3.3 |
| 10344M | 20 | N | N | 1,500 | 500 | N | 100 | 1,500 | 150 | 5 | N | N | 2.9 |
| 10345M | 15 | N | N | 1,000 | 300 | N | 50 | 2,000 | 100 | 10 | N | N | 8 |
| 10346M | 50 | N | N | 1,000 | 700 | N | 100 | 3,000 | 150 | 10 | N | N | 15 |
| 10347MD2 | 15 | N | N | 1,000 | 500 | N | 70 | 1,000 | 200 | 5 | N | N | 8.7 |
| 10347MD3 | 10 | N | N | 1,000 | 200 | N | 50 | 1,000 | 100 | 5 | N | N | 12 |
| 10348M | 15 | N | N | 300 | 300 | N | 70 | 1,000 | 150 | 5 | N | N | 3.6 |
| 10349M | 10 | N | N | 1,000 | 200 | N | 20 | 2,000 | 100 | 2 | N | N | 30 |
| 10350M | 10 | N | N | 150 | 300 | N | 30 | 500 | 300 | 2 | N | N | 3.7 |
| 10351M | 30 | N | N | 700 | 300 | N | 50 | 1,000 | 200 | 7 | N | N | 8.2 |
| 10352M | 50 | N | N | 1,000 | 500 | N | 100 | 1,000 | 200 | 10 | N | N | 7.7 |
| 10353M | 20 | N | N | 1,000 | 500 | N | 100 | 700 | 200 | 7 | N | N | 9.1 |
| 10354M | 20 | N | 20 | 500 | 500 | N | 70 | 2,000 | 200 | 7 | N | N | 12 |
| 10355M | 20 | N | N | 1,000 | 500 | N | 100 | 2,000 | 200 | 5 | N | N | 8.1 |
| 10356M | 20 | N | N | 2,000 | 500 | N | 100 | 2,000 | 150 | 5 | N | N | 8.8 |
| 10357M | 20 | N | N | 2,000 | 500 | N | 100 | 2,000 | 100 | 5 | N | N | 6.7 |
| 10358M | 20 | N | N | >5,000 | 500 | N | 70 | 1,000 | 70 | 7 | N | N | 5.9 |
| 10359M | 10 | N | N | 1,000 | 300 | N | 30 | 500 | 150 | 2 | N | N | 2.4 |
| 10360M | 30 | N | N | >5,000 | 500 | N | 70 | 1,000 | 300 | 10 | N | N | 6.6 |
| 10361M | <10 | N | N | 100 | 300 | N | 20 | 300 | 200 | 2 | N | N | 3.4 |
| 10362M | 50 | N | N | 200 | 300 | N | 30 | 1,500 | 300 | 7 | N | N | 2.6 |
| 10363M | 20 | N | N | 700 | 300 | <50 | 50 | 1,500 | 100 | 7 | N | N | 10 |
| 10364M | 20 | N | N | 5,000 | 1,500 | N | 200 | 1,000 | 200 | 10 | N | N | 13 |
| 10365M | 20 | N | N | 500 | 500 | N | 50 | 2,000 | 100 | 5 | N | N | 4.8 |

**Table 3.** Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| I0366M | 62 59 2 | 157 40 58 | 2 | 1 | .15 | .5 | 1 | N | N | 100 | 1,000 |
| I0367M | 62 56 21 | 157 43 51 | >5 | 1 | .2 | .5 | .5 | N | N | 200 | 1,000 |
| I0368M | 62 54 6 | 157 44 25 | >5 | 1.5 | .2 | .2 | 1.5 | N | N | 700 | 2,000 |
| I0369M | 62 54 4 | 157 44 32 | 5 | 1 | .2 | .5 | .7 | N | N | 200 | 1,000 |
| I0370M | 62 53 56 | 157 37 20 | >5 | 2 | .5 | .5 | 5 | N | N | >1,000 | 5,000 |
| I0371MD2 | 62 53 8 | 157 38 12 | >5 | 1 | .15 | .2 | 5 | N | N | >1,000 | 3,000 |
| I0371MD3 | 62 53 8 | 157 38 12 | >5 | 5 | .5 | 1 | 1 | N | N | >1,000 | 5,000 |
| I0372M | 62 52 50 | 157 31 30 | >5 | 3 | .5 | .7 | 2 | N | N | >1,000 | 3,000 |
| I0373M | 62 28 6 | 157 57 25 | 5 | 5 | .2 | .5 | .7 | <200 | N | 100 | 1,500 |
| I0374M | 62 26 1 | 157 56 21 | >5 | 2 | .2 | .2 | 1 | 2,000 | N | 500 | 1,500 |
| I0375M | 62 45 5 | 157 37 36 | >5 | 1.5 | .07 | .2 | .3 | N | N | 500 | 2,000 |
| I0376M | 62 43 47 | 157 38 19 | >5 | .5 | .05 | .5 | .5 | N | N | 100 | 1,500 |
| I0377M | 62 41 48 | 157 38 44 | 5 | 1 | .1 | .5 | .5 | N | N | 500 | 1,500 |
| I0378M | 62 42 41 | 157 32 51 | 5 | .5 | .1 | .5 | .2 | N | N | 50 | 1,000 |
| I0379M | 62 40 56 | 157 32 11 | 5 | .3 | .1 | .5 | .2 | N | N | 100 | 1,000 |
| I0380M | 62 39 47 | 157 33 32 | >5 | 1 | .07 | .5 | .5 | N | N | 500 | 2,000 |
| 1985 SAMPLES | | | | | | | | | | | |
| I0410M | 62 31 31 | 158 52 41 | >5 | 1 | .15 | .2 | 1 | N | N | 700 | 2,000 |
| I0413M | 62 34 8 | 158 41 9 | 5 | 3 | .5 | .2 | .2 | N | N | 300 | 1,000 |
| I0414M | 62 34 57 | 158 42 12 | >5 | 2 | .3 | 1 | .2 | N | N | 100 | 1,500 |
| I0416M | 62 31 0 | 158 35 45 | >5 | 2 | .3 | .5 | .7 | N | N | 200 | 3,000 |
| I0420M | 62 34 12 | 158 34 38 | >5 | 1.5 | .3 | .3 | .7 | N | N | 700 | 2,000 |
| I0424M | 62 19 51 | 158 2 21 | >5 | 1.5 | .2 | .2 | 2 | N | N | 500 | 2,000 |
| I0427M | 62 19 35 | 157 51 14 | >5 | 1.5 | .3 | .15 | 1 | N | N | 1,000 | 2,000 |
| I0429MD2 | 62 20 30 | 157 52 42 | >5 | 1 | .2 | .5 | .2 | N | N | 200 | 2,000 |
| I0432M | 62 19 1 | 157 28 51 | >5 | 2 | .3 | .2 | .5 | N | N | 500 | 3,000 |
| I0433M | 62 17 22 | 157 27 54 | >5 | 5 | .2 | .2 | .3 | N | N | 500 | 3,000 |
| I0434M | 62 16 43 | 157 22 56 | >5 | 2 | .2 | .5 | .2 | N | N | 500 | 2,000 |
| I0435M | 62 19 0 | 157 23 0 | >5 | 2 | .3 | .2 | .3 | N | N | 200 | 2,000 |
| I0436M | 62 24 23 | 157 12 10 | >5 | 1 | .3 | .2 | 1 | N | N | 300 | 5,000 |
| I0437MD2 | 62 17 52 | 157 11 40 | >5 | 1 | .2 | .3 | 1 | N | N | 200 | 2,000 |
| I0437MD3 | 62 17 52 | 157 11 40 | >5 | 1 | .2 | .1 | .7 | N | N | 200 | 1,000 |
| I0438MD1 | 62 19 0 | 157 11 5 | >5 | 1 | .2 | .5 | .2 | N | N | 100 | 2,000 |
| I0440M | 62 16 20 | 157 19 48 | 5 | 1 | .2 | .2 | .5 | N | N | 200 | 1,000 |
| I0441M | 62 13 12 | 157 22 55 | 5 | 2 | .15 | .3 | .5 | N | N | 700 | 2,000 |
| I0442M | 62 12 10 | 157 24 30 | >5 | 2 | .5 | .5 | .5 | N | N | 200 | 2,000 |
| I0443M | 62 14 53 | 157 4 59 | >5 | 1.5 | .2 | .1 | .5 | N | N | 700 | 1,500 |
| I0444M | 62 14 51 | 157 5 1 | >5 | 2 | .2 | .2 | .7 | N | N | 300 | 2,000 |
| I0445M | 62 14 10 | 157 11 13 | >5 | 1 | .2 | .5 | .7 | N | N | 100 | 2,000 |
| I0446M | 62 11 22 | 157 3 25 | >5 | 1 | .3 | .7 | .5 | N | N | 100 | 2,000 |
| I0447M | 62 8 35 | 157 1 48 | >5 | 1 | .2 | .3 | .2 | N | N | 200 | 2,000 |
| I0448M | 62 6 6 | 157 4 8 | >5 | 1.5 | .2 | .5 | .5 | N | N | 500 | 1,500 |
| I0449MD2 | 62 6 40 | 157 6 15 | >5 | 2 | .2 | .3 | 1 | N | N | 500 | 2,000 |
| I0449MD3 | 62 6 40 | 157 6 15 | >5 | 2 | .3 | .2 | 1 | N | N | 1,000 | 2,000 |
| I0450MD1 | 62 6 21 | 157 8 50 | >5 | .7 | .2 | .2 | 1 | N | N | 100 | 2,000 |
| I0451M | 62 4 39 | 157 8 38 | >5 | 1 | .2 | .5 | .5 | N | N | 200 | 1,500 |
| I0452M | 62 4 16 | 157 2 49 | >5 | 2 | .3 | 1 | .2 | N | N | 100 | 1,000 |
| I0454M | 62 21 41 | 157 45 2 | >5 | 1 | .2 | .2 | 1 | N | N | 500 | 2,000 |
| I0456MD2 | 62 35 53 | 157 58 19 | >5 | 2 | .2 | .2 | .5 | N | N | 1,000 | 1,500 |
| I0457M | 62 35 59 | 158 2 21 | >5 | 1 | .5 | .5 | .5 | N | N | 100 | 2,000 |
| I0458M | 62 39 39 | 157 57 25 | >5 | 1.5 | .3 | .5 | 1.5 | N | N | 100 | 2,000 |
| I0461M | 62 30 21 | 157 28 40 | 2 | 2 | .2 | .1 | <.1 | N | N | 150 | 1,000 |
| I0462M | 62 33 8 | 157 18 8 | >5 | 5 | .3 | .2 | .2 | 2,000 | N | 150 | 1,500 |
| I0463M | 62 32 7 | 157 18 9 | 5 | 1.5 | .3 | .7 | .2 | N | N | 100 | 2,000 |
| I0465MD2 | 62 35 3 | 157 13 3 | >5 | 5 | .2 | .3 | N | N | N | 300 | 2,000 |
| I0466MD1 | 62 36 8 | 157 12 17 | >5 | 5 | .2 | .1 | N | N | N | 700 | 1,000 |
| I0467M | 62 31 1 | 157 13 32 | >5 | 1 | .5 | 1 | .2 | N | N | 100 | 2,000 |
| I0468MD2 | 62 4 55 | 156 55 55 | >5 | 1 | .2 | .2 | .3 | N | N | 300 | 1,500 |
| I0469MD2 | 62 3 54 | 157 23 31 | >5 | 1 | .3 | .2 | .5 | N | N | 200 | 1,500 |
| I0473MD2 | 62 3 4 | 157 25 40 | >5 | 1 | .2 | .2 | 1 | N | N | 500 | 2,000 |
| I0476M | 62 1 7 | 157 25 26 | >5 | 1 | .2 | .2 | .7 | N | N | 500 | 2,000 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0366M | 5 | N | N | 100 | 200 | 500 | 10 | <2 | 50 | 2,000 | 5 | 70 | 150 |
| I0367M | 3 | N | N | 100 | 100 | 300 | 15 | N | N | 2,000 | 7 | 50 | 70 |
| I0368M | 10 | N | N | 100 | 100 | 1,000 | 10 | <2 | <20 | 10,000 | 10 | 100 | 150 |
| I0369M | 2 | N | N | 100 | 200 | 150 | 15 | N | <20 | 2,000 | 5 | 20 | 100 |
| I0370M | 10 | N | 5 | 200 | 200 | 1,000 | 50 | N | 50 | 7,000 | 30 | 100 | 150 |
| I0371MD2 | 7 | N | 7 | 100 | 100 | 500 | 20 | N | 20 | 2,000 | 15 | 70 | 100 |
| I0371MD3 | 5 | N | N | 100 | 100 | 500 | 50 | N | 50 | 10,000 | 20 | 100 | 100 |
| I0372M | 10 | N | 10 | 200 | 500 | 1,000 | 50 | N | 100 | 7,000 | 10 | 70 | 200 |
| I0373M | 5 | N | N | 70 | 500 | 200 | 10 | N | N | 10,000 | 5 | 20 | 300 |
| I0374M | 3 | N | N | 50 | 200 | 200 | 15 | <2 | <20 | 2,000 | 10 | 50 | 300 |
| I0375M | 5 | N | 2 | 50 | 150 | 150 | 10 | N | N | 7,000 | 7 | <20 | 200 |
| I0376M | 2 | N | N | 30 | 100 | 50 | 7 | N | N | 2,000 | 5 | N | 100 |
| I0377M | 3 | N | N | 30 | 150 | 100 | 20 | <2 | <20 | 2,000 | 5 | 20 | 100 |
| I0378M | 2 | N | N | 15 | 200 | 50 | 7 | N | <20 | 100 | 5 | N | 100 |
| I0379M | 2 | N | N | 30 | 300 | 50 | 7 | N | N | 1,500 | 7 | 50 | 70 |
| I0380M | 5 | N | N | 50 | 100 | 100 | 10 | N | N | 2,000 | 7 | <20 | 100 |
| ---------- 1985 SAMPLES ---------- | | | | | | | | | | | | | |
| I0410M | 5 | N | <1 | 200 | 50 | 300 | 10 | N | <20 | >10,000 | 20 | 50 | 500 |
| I0413M | 2 | N | <1 | 20 | 100 | 100 | 20 | N | <20 | 5,000 | 10 | <20 | 50 |
| I0414M | 2 | N | N | 150 | 150 | 150 | 10 | N | 100 | 5,000 | <5 | 100 | 200 |
| I0416M | 10 | N | <1 | 50 | 100 | 200 | 20 | N | 100 | 5,000 | <5 | 70 | 50 |
| I0420M | 5 | N | N | 50 | 100 | 150 | 20 | 2 | 20 | 10,000 | 20 | 50 | 150 |
| I0424M | 10 | N | 10 | 100 | 100 | 500 | 15 | N | <20 | >10,000 | 10 | 50 | 150 |
| I0427M | 5 | N | <1 | 50 | 100 | 500 | 20 | <2 | <20 | 10,000 | 10 | 50 | 150 |
| I0429MD2 | 3 | N | N | 100 | 200 | 100 | 10 | N | N | >10,000 | <5 | 20 | 200 |
| I0432M | 5 | N | <1 | 30 | 100 | 200 | 15 | N | N | 7,000 | 10 | 20 | 100 |
| I0433M | 1 | N | N | 10 | 70 | 200 | 15 | N | <20 | 10,000 | 10 | <20 | 50 |
| I0434M | 5 | N | <1 | 50 | 200 | 200 | 15 | 5 | <20 | 5,000 | 10 | 50 | 150 |
| I0435M | 2 | 5 | N | 10 | 150 | 200 | 20 | N | N | 10,000 | 5 | N | 10 |
| I0436M | 5 | N | 2 | 70 | 70 | 300 | 30 | <2 | <20 | >10,000 | 10 | 70 | 100 |
| I0437MD2 | 3 | N | 2 | 50 | 150 | 200 | 15 | N | N | >10,000 | 10 | N | 50 |
| I0437MD3 | 1 | <1 | N | 20 | 100 | 200 | 15 | N | N | 10,000 | 5 | N | 50 |
| I0438MD1 | 3 | N | N | 20 | 200 | 100 | 15 | N | 20 | 2,000 | <5 | 20 | 70 |
| I0440M | 2 | <1 | N | 20 | 70 | 150 | 20 | N | <20 | 5,000 | 5 | N | 50 |
| I0441M | 3 | N | N | 30 | 100 | 200 | 20 | N | <20 | 3,000 | 10 | 50 | 100 |
| I0442M | 5 | N | N | 20 | 150 | 200 | 20 | 2 | 20 | 3,000 | 5 | 20 | 50 |
| I0443M | 3 | N | N | 30 | 70 | 200 | 15 | N | N | >10,000 | 5 | N | 50 |
| I0444M | 5 | N | N | 15 | 100 | 150 | 20 | N | N | 5,000 | 5 | <20 | 70 |
| I0445M | 5 | <1 | N | 30 | 150 | 150 | 20 | N | N | 10,000 | 7 | 30 | 70 |
| I0446M | 2 | N | N | 20 | 150 | 100 | 15 | N | N | 1,500 | 5 | 20 | 100 |
| I0447M | 5 | N | N | 50 | 100 | 200 | 10 | N | <20 | >10,000 | 5 | 30 | 100 |
| I0448M | 5 | N | N | 20 | 100 | 200 | 10 | N | <20 | >10,000 | <5 | 20 | 100 |
| I0449MD2 | 5 | N | N | 100 | 150 | 500 | 7 | N | N | >10,000 | 5 | 50 | 200 |
| I0449MD3 | 5 | N | N | 50 | 100 | 300 | 20 | N | N | >10,000 | 5 | 50 | 200 |
| I0450MD1 | 5 | N | 2 | 100 | 300 | 300 | 15 | N | <20 | >10,000 | <5 | 50 | 100 |
| I0451M | 5 | N | N | 30 | 100 | 200 | 15 | N | 20 | 10,000 | <5 | <20 | 100 |
| I0452M | 1.5 | N | N | 50 | 150 | 100 | 7 | N | N | 5,000 | <5 | 20 | 200 |
| I0454M | 7 | N | 2 | 50 | 70 | 200 | 15 | N | <20 | 5,000 | 7 | 70 | 100 |
| I0456MD2 | 10 | N | N | 100 | 70 | 200 | 7 | <2 | 100 | >10,000 | 15 | 150 | 100 |
| I0457M | 5 | N | N | 50 | 200 | 100 | 20 | N | <20 | 2,000 | 5 | <20 | 50 |
| I0458M | 5 | N | N | 150 | 200 | 150 | 20 | N | <20 | 10,000 | 5 | 20 | 100 |
| I0461M | 2 | N | N | 10 | 70 | 100 | 10 | N | N | 10,000 | <5 | N | 30 |
| I0462M | 5 | N | N | 100 | 500 | 100 | 10 | N | N | 10,000 | 5 | 20 | 200 |
| I0463M | 2 | N | N | 100 | 200 | 100 | 20 | N | <20 | 3,000 | <5 | <20 | 200 |
| I0465MD2 | 5 | N | N | 70 | 1,000 | 100 | 10 | <2 | N | 10,000 | 5 | 20 | 200 |
| I0466MD1 | 2 | N | N | 100 | 200 | 200 | 10 | 10 | <20 | 10,000 | 10 | 20 | 200 |
| I0467M | 1 | N | N | 30 | 150 | 100 | 20 | N | 20 | 1,000 | 5 | 50 | 200 |
| I0468MD2 | 5 | N | N | 200 | 100 | 200 | 10 | N | <20 | >10,000 | 5 | 50 | 150 |
| I0469MD2 | 3 | <1 | N | 20 | 100 | 300 | 10 | N | N | 10,000 | 5 | <20 | 50 |
| I0473MD2 | 5 | N | <1 | 50 | 100 | 500 | 15 | N | 20 | 10,000 | 5 | 50 | 100 |
| I0476M | 3 | N | N | 100 | 70 | 200 | 20 | N | <20 | >10,000 | 5 | 50 | 150 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Tl-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0366M | 20 | N | N | 300 | 500 | N | 70 | 500 | 200 | 10 | N | N | 3.3 |
| I0367M | 10 | N | N | 500 | 500 | N | 70 | 1,000 | 150 | 7 | N | N | 3.2 |
| I0368M | 20 | N | N | 500 | 500 | N | 100 | 1,500 | 100 | 10 | N | N | 21 |
| I0369M | 30 | N | N | 200 | 300 | N | 30 | 200 | 150 | 5 | N | N | 2.8 |
| I0370M | 50 | N | N | 2,000 | 1,000 | N | 150 | 3,000 | 200 | 20 | N | N | 6.4 |
| I0371MD2 | 50 | N | N | 700 | 500 | N | 70 | 2,000 | 100 | 5 | N | N | 7.6 |
| I0371MD3 | 50 | N | N | 500 | 500 | N | 100 | 2,000 | 200 | 10 | <200 | N | 3.9 |
| I0372M | 50 | N | N | 500 | 1,000 | N | 100 | 2,000 | 200 | 10 | <200 | N | 2 |
| I0373M | 15 | N | N | 500 | 300 | N | 20 | 200 | 200 | 5 | N | N | 8.6 |
| I0374M | 10 | 100 | N | 1,000 | 200 | N | 50 | 1,000 | 150 | 5 | N | N | 15 |
| I0375M | 15 | N | N | 500 | 300 | N | 30 | 1,000 | 100 | 7 | N | N | 2.7 |
| I0376M | <10 | N | N | <100 | 300 | N | 10 | 200 | 100 | 2 | N | N | .4 |
| I0377M | 10 | N | N | 200 | 300 | N | 50 | 1,000 | 200 | 3 | N | N | 2 |
| I0378M | <10 | N | N | N | 300 | N | 20 | 200 | 500 | 2 | N | N | 1.7 |
| I0379M | <10 | N | N | <100 | 300 | N | 70 | 300 | 200 | 2 | N | N | 1.7 |
| I0380M | 10 | N | N | 200 | 300 | N | 30 | 500 | 200 | 7 | N | N | 1.7 |
| ---------- 1985 SAMPLES ---------- | | | | | | | | | | | | | |
| I0410M | 20 | N | N | 700 | 300 | N | 100 | 2,000 | 100 | 5 | N | N | 18 |
| I0413M | 50 | N | N | 1,000 | 200 | N | 20 | 1,500 | 100 | 2 | N | N | 8 |
| I0414M | 15 | N | N | 500 | 500 | N | 100 | 1,000 | 300 | 5 | N | N | 9.6 |
| I0416M | 30 | N | N | 500 | 500 | N | 100 | 1,000 | 200 | 5 | N | N | 14 |
| I0420M | 20 | N | N | 1,000 | 300 | N | 50 | 2,000 | 150 | 5 | N | N | 99 |
| I0424M | 50 | N | N | 700 | 500 | N | 100 | 1,000 | 150 | 7 | N | N | 11 |
| I0427M | 50 | N | N | 700 | 500 | N | 70 | 2,000 | 100 | 5 | N | N | 17 |
| I0429MD2 | 10 | N | N | 500 | 500 | N | 50 | 300 | 150 | 5 | N | N | 4.9 |
| I0432M | 20 | N | N | 500 | 200 | N | 70 | 500 | 200 | 5 | N | N | 12 |
| I0433M | 20 | N | N | 500 | 100 | N | 20 | 500 | 150 | <2 | N | N | 11 |
| I0434M | 20 | N | N | 700 | 300 | N | 50 | 500 | 150 | 5 | N | N | 12 |
| I0435M | 20 | N | N | 200 | 200 | N | 20 | 500 | 100 | 2 | N | N | 4.9 |
| I0436M | 50 | N | N | 1,000 | 300 | N | 100 | 500 | 150 | 5 | N | N | 8 |
| I0437MD2 | 20 | N | N | 300 | 500 | N | 50 | 300 | 300 | 5 | N | N | 9.9 |
| I0437MD3 | 20 | N | N | N | 200 | N | 15 | 300 | 70 | 2 | N | N | 6.1 |
| I0438MD1 | 15 | N | N | 200 | 300 | N | 50 | 200 | 300 | 2 | N | N | 2.7 |
| I0440M | 15 | N | N | -- | 200 | N | 20 | 700 | 70 | 2 | N | N | 6.4 |
| I0441M | 15 | N | <5 | 500 | 200 | N | 50 | 500 | 150 | 2 | N | N | 24 |
| I0442M | 20 | N | <5 | 200 | 200 | N | 50 | 200 | 300 | 2 | N | N | 2.8 |
| I0443M | 20 | N | N | N | 200 | N | 50 | 1,000 | 50 | 3 | N | N | 11 |
| I0444M | 20 | N | N | 500 | 300 | N | 30 | 500 | 100 | 2 | N | N | 9.1 |
| I0445M | 20 | N | N | 700 | 200 | N | 70 | 200 | 500 | 3 | N | N | 5.2 |
| I0446M | 15 | N | N | 500 | 300 | N | 50 | 300 | 300 | 3 | N | N | 9.7 |
| I0447M | 20 | N | N | 500 | 300 | N | 50 | 500 | 200 | 5 | N | N | 6.5 |
| I0448M | 10 | N | N | 300 | 300 | N | 50 | 500 | 200 | 2 | N | N | 4.9 |
| I0449MD2 | 30 | N | N | 700 | 500 | N | 70 | 500 | 200 | 10 | N | N | 6.9 |
| I0449MD3 | 20 | N | N | 700 | 200 | N | 70 | 1,000 | 500 | 5 | N | N | 5.4 |
| I0450MD1 | 20 | N | N | 300 | 500 | N | 70 | 500 | 100 | 5 | N | N | 7.3 |
| I0451M | 20 | N | N | 200 | 300 | N | 50 | 300 | 300 | 3 | N | N | 6.2 |
| I0452M | 10 | N | N | 100 | 500 | N | 50 | 200 | 1,000 | 5 | N | N | 3.8 |
| I0454M | 20 | N | N | 500 | 500 | N | 70 | 500 | 20 | 5 | N | N | 6 |
| I0456MD2 | 50 | N | N | 1,000 | 300 | N | 100 | 2,000 | 150 | 5 | N | N | 2.7 |
| I0457M | 20 | N | N | 300 | 500 | N | 50 | 1,000 | 200 | 5 | N | N | 3.5 |
| I0458M | 20 | N | N | 200 | 500 | N | 50 | 500 | 150 | 5 | N | N | 3.1 |
| I0461M | 10 | N | N | 300 | 100 | N | 10 | 300 | 100 | 2 | N | N | 11 |
| I0462M | 10 | N | N | 500 | 500 | N | 50 | 500 | 100 | 5 | N | N | 9.9 |
| I0463M | 10 | N | N | <100 | 500 | N | 30 | 300 | 200 | 5 | N | N | 2.6 |
| I0465MD2 | 10 | N | N | 500 | 300 | N | 30 | 500 | 100 | 3 | N | N | 4.8 |
| I0466MD1 | 10 | N | N | 1,000 | 500 | N | 50 | 1,500 | 100 | 2 | N | N | 23 |
| I0467M | 10 | N | N | N | 500 | N | 100 | 300 | 200 | 3 | N | N | 4.4 |
| I0468MD2 | 15 | N | N | 500 | 500 | N | 50 | 500 | 200 | 7 | N | N | 11 |
| I0469MD2 | 30 | N | N | 500 | 500 | N | 50 | 500 | 150 | 3 | N | N | 8.4 |
| I0473MD2 | 20 | N | N | 700 | 500 | N | 70 | 500 | 200 | 5 | N | N | 8.1 |
| I0476M | 30 | N | N | 500 | 300 | N | 50 | 1,000 | 100 | 5 | N | N | 8 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| I0477M | 62 8 37 | 157 22 5 | >5 | 1.5 | .2 | .1 | .5 | N | N | 500 | 3,000 |
| I0478M | 62 11 33 | 157 28 30 | >5 | 2 | .2 | .2 | .2 | N | N | 500 | 1,000 |
| I0479M | 62 2 12 | 156 56 0 | >5 | 1 | .2 | .2 | 1 | N | N | 150 | 1,000 |
| I0481M | 62 6 38 | 156 47 49 | >5 | 1.5 | .3 | .1 | .5 | N | N | 500 | 2,000 |
| I0482M | 62 6 33 | 156 42 4 | 5 | 1 | .2 | .7 | .5 | N | N | 150 | 1,500 |
| I0483M | 62 0 40 | 156 34 19 | >5 | 1 | .2 | .2 | .5 | N | N | 200 | 1,500 |
| I0484M | 62 6 40 | 156 56 10 | >5 | 1 | .5 | .5 | 1 | N | N | 300 | 2,000 |
| I0485MD1 | 62 4 54 | 156 55 49 | >5 | 1 | .3 | .2 | N | -- | -- | 200 | 2,000 |
| I0492M | 62 7 25 | 157 28 26 | >5 | 1 | .2 | .2 | .3 | N | N | 200 | 1,000 |
| I0493M | 62 9 0 | 157 26 35 | >5 | 1.5 | .2 | .15 | 1 | N | N | 1,000 | 3,000 |
| I0494M | 62 14 49 | 157 29 50 | >5 | 3 | .2 | .3 | .2 | N | N | 700 | 2,000 |
| I0496M | 62 7 20 | 156 52 10 | >5 | 1 | .2 | .15 | 1.5 | N | N | 100 | 1,000 |
| I0497M | 62 8 3 | 156 47 3 | 5 | 1 | .3 | .2 | .7 | N | N | 200 | 2,000 |
| I0498M | 62 4 15 | 156 37 46 | 5 | 3 | .15 | .2 | .2 | N | N | 500 | 2,000 |
| I0499MD2 | 62 4 17 | 156 37 45 | >5 | 2 | .2 | .2 | .5 | N | N | 500 | 2,000 |
| I0499MD3 | 62 4 17 | 156 37 45 | >5 | 1 | .15 | .5 | .5 | N | N | 100 | 2,000 |
| I0612M | 62 28 18 | 158 0 48 | 5 | 3 | .2 | .3 | .7 | N | N | 300 | 2,000 |
| I0613M | 62 26 57 | 158 1 36 | >5 | 1 | .07 | .02 | <.1 | 3,000 | N | 500 | 3,000 |
| I0614M | 62 26 52 | 158 7 24 | >5 | 5 | .3 | .3 | 1 | N | N | 500 | 1,500 |
| I0616M | 62 26 56 | 158 6 39 | 5 | 3 | .5 | .1 | .2 | N | N | 1,000 | 1,000 |
| I0617M | 62 28 39 | 158 1 35 | >5 | 2 | .2 | .2 | 1.5 | N | N | 1,000 | 2,000 |
| I0618M | 62 28 5 | 158 0 57 | >5 | 2 | .3 | .2 | 1 | N | N | 500 | 3,000 |
| I0619M | 62 28 5 | 158 0 59 | >5 | 3 | .3 | .5 | .1 | N | N | 200 | 1,000 |
| I0621M | 62 0 50 | 156 39 20 | 5 | .7 | .5 | .5 | .1 | N | N | 100 | 1,000 |
| I0622M | 62 4 35 | 156 42 58 | >5 | 2 | .2 | .2 | 1 | N | N | 500 | 3,000 |
| I0623M | 62 0 38 | 156 42 0 | >5 | 2 | .2 | .3 | .5 | N | N | 300 | 1,500 |
| I0624M | 62 5 31 | 156 32 9 | >5 | 1.5 | .15 | .1 | .5 | N | N | 200 | 2,000 |
| I0625M | 62 9 19 | 156 31 33 | >5 | 1 | .3 | .2 | 1 | N | N | 500 | 1,500 |
| I0626M | 62 23 19 | 156 37 1 | >5 | 1 | .2 | .2 | 20 | N | N | 200 | 1,500 |
| I0627M | 62 39 56 | 157 23 38 | >5 | 2 | .5 | .5 | .1 | N | N | 150 | 2,000 |
| I0628M | 62 43 5 | 157 27 13 | >5 | 1 | .3 | 1 | .5 | N | N | 150 | 2,000 |
| I0629M | 62 43 39 | 157 22 40 | 5 | .5 | .2 | .5 | .2 | N | N | 150 | 1,000 |
| I0630M | 62 44 22 | 157 17 28 | >5 | 2 | .15 | .5 | .5 | N | N | 200 | 1,500 |
| I0631M | 62 9 10 | 156 41 41 | >5 | 1.5 | .15 | .15 | 1.5 | N | N | 300 | 2,000 |
| I0632M | 62 4 21 | 156 45 48 | 5 | 1 | .2 | .2 | .5 | N | N | 100 | 1,500 |
| I0633M | 62 0 38 | 156 47 37 | >5 | 1 | .5 | 1 | .2 | N | N | 100 | 2,000 |
| I0634M | 62 6 17 | 156 40 2 | >5 | 1 | .5 | .5 | 1 | N | N | 100 | 2,000 |
| I0635M | 62 20 56 | 156 33 52 | >5 | 1 | .2 | .5 | 1 | N | N | 100 | 1,500 |
| I0636MD1 | 62 41 10 | 157 12 30 | >5 | 5 | .3 | .3 | N | N | N | 100 | 1,000 |
| I0637M | 62 43 45 | 157 12 24 | >5 | 1 | .3 | .2 | <.1 | N | N | 200 | 2,000 |
| I0638M | 62 38 35 | 157 13 49 | >5 | 5 | .5 | .5 | N | N | N | 50 | 1,500 |
| I0639M | 62 42 6 | 157 18 0 | >5 | 1 | .2 | .5 | .5 | N | N | 100 | 2,000 |
| I0640M | 62 38 51 | 157 18 23 | >5 | 1 | .2 | .7 | .5 | N | N | 100 | 1,500 |
| I0641M | 62 39 29 | 157 28 4 | 5 | 1 | .2 | .2 | .1 | N | N | 200 | 1,000 |
| I0642M | 62 41 30 | 157 27 34 | >5 | 1 | .3 | .7 | .5 | N | N | 200 | 1,500 |
| I0643M | 62 40 19 | 157 22 21 | >5 | 1 | .2 | 1 | N | N | N | 100 | 1,000 |
| I0644MD2 | 62 41 13 | 157 12 29 | >5 | 2 | .5 | .2 | N | N | N | 100 | 1,000 |
| I0644MD3 | 62 41 13 | 157 12 29 | >5 | 5 | .5 | .2 | .5 | N | N | 200 | 2,000 |
| I0645M | 62 32 38 | 157 6 39 | >5 | 2 | .3 | 1 | .5 | N | N | 100 | 2,000 |
| I0646MD2 | 62 31 16 | 157 8 26 | >5 | 1 | .3 | .7 | .7 | N | N | 200 | 3,000 |
| I0646MD3 | 62 31 16 | 157 8 26 | >5 | 1 | .2 | .5 | .5 | N | N | 200 | 2,000 |
| I0647M | 62 33 2 | 157 2 18 | >5 | 2 | .2 | .5 | .5 | N | N | 200 | 2,000 |
| I0648MD1 | 62 31 30 | 157 8 16 | >5 | 1 | .2 | .5 | .2 | N | N | 100 | 2,000 |
| I0704M | 62 23 59 | 158 46 15 | >5 | 1.5 | .2 | .2 | .1 | N | N | >1,000 | 2,000 |
| I0705M | 62 21 28 | 158 46 7 | >5 | 1.5 | .3 | .1 | N | N | N | 1,000 | 2,000 |
| I0708M | 62 24 31 | 158 42 21 | >5 | 1 | .5 | .7 | .5 | N | N | 300 | 1,000 |
| I0710M | 62 23 50 | 158 34 13 | 5 | 2 | .2 | .5 | .7 | N | N | 1,000 | 1,500 |
| I0711M | 62 26 49 | 158 35 32 | >5 | 1.5 | .2 | .2 | .2 | N | N | >1,000 | 1,500 |
| I0713M | 62 20 5 | 158 34 56 | >5 | 2 | .3 | .5 | .5 | N | N | 1,000 | 2,000 |
| I0714M | 62 18 11 | 158 36 18 | >5 | 1 | .5 | .2 | .5 | N | N | 500 | 1,000 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10477M | 5 | N | N | 50 | 100 | 300 | 20 | N | N | >10,000 | 10 | 50 | 100 |
| 10478M | 2 | N | N | 10 | 100 | 200 | 10 | 2 | N | 10,000 | 5 | <20 | 70 |
| 10479M | 2 | N | N | 10 | 70 | 200 | 20 | <2 | <20 | 2,000 | 5 | N | 50 |
| 10481M | 3 | N | N | 200 | 100 | 500 | 15 | N | <20 | >10,000 | 7 | <20 | 100 |
| 10482M | 3 | N | N | 20 | 200 | 50 | 15 | N | <20 | 5,000 | 7 | <20 | 70 |
| 10483M | 2 | N | N | 20 | 100 | 150 | 15 | N | N | 5,000 | 5 | N | 50 |
| 10484M | 7 | N | N | 150 | 200 | 700 | 20 | N | 200 | >10,000 | <5 | 70 | 200 |
| 10485MD1 | 5 | N | N | 100 | 100 | 200 | 15 | N | N | >10,000 | 5 | 20 | 100 |
| 10492M | 2 | N | N | 15 | 100 | 200 | 5 | N | N | 7,000 | 5 | <20 | 50 |
| 10493M | 7 | N | <1 | 50 | 100 | 500 | 20 | N | 20 | 5,000 | 5 | 70 | 150 |
| 10494M | 5 | N | 2 | 30 | 70 | 500 | 5 | <2 | N | >10,000 | 10 | 30 | 100 |
| 10496M | 3 | N | N | 70 | 500 | 200 | 20 | N | <20 | 10,000 | <5 | 50 | 100 |
| 10497M | 5 | N | N | 100 | 200 | 200 | 15 | N | N | >10,000 | 5 | <20 | 100 |
| 10498M | 2 | N | N | 30 | 100 | 150 | 7 | N | <20 | 10,000 | 5 | <20 | 50 |
| 10499MD2 | 3 | N | N | 30 | 70 | 200 | 15 | N | N | 10,000 | 5 | 30 | 100 |
| 10499MD3 | 5 | N | N | 50 | 150 | 200 | 10 | N | N | >10,000 | 5 | 20 | 100 |
| 10612M | 3 | N | N | 50 | 150 | 200 | 20 | N | <20 | 10,000 | 10 | 50 | 150 |
| 10613M | <.5 | N | N | 5 | 100 | 100 | 7 | N | N | 2,000 | 10 | N | 20 |
| 10614M | 3 | N | <1 | 50 | 200 | 200 | 15 | N | <20 | 10,000 | 10 | 30 | 200 |
| 10616M | 2 | N | N | 50 | 50 | 150 | 5 | N | N | 10,000 | 5 | N | 150 |
| 10617M | 5 | N | 5 | 100 | 100 | 300 | 15 | N | <20 | >10,000 | 5 | 30 | 150 |
| 10618M | 5 | N | N | 100 | 150 | 150 | 15 | 15 | 50 | >10,000 | 7 | 70 | 150 |
| 10619M | 2 | N | N | 20 | 500 | 100 | 15 | N | N | 5,000 | <5 | 20 | 200 |
| 10621M | 3 | N | N | 15 | 150 | 50 | 20 | N | N | 700 | <5 | N | 50 |
| 10622M | 5 | N | N | 50 | 100 | 500 | 15 | N | <20 | >10,000 | 10 | 20 | 100 |
| 10623M | 3 | N | N | 20 | 70 | 200 | 7 | 2 | N | 10,000 | 10 | 20 | 100 |
| 10624M | 3 | N | N | 20 | 50 | 500 | 10 | <2 | N | 5,000 | 10 | 20 | 50 |
| 10625M | 5 | N | N | 100 | 100 | 200 | 15 | N | N | >10,000 | <5 | 20 | 150 |
| 10626M | 5 | N | <1 | 300 | 150 | 500 | 10 | N | N | >10,000 | 5 | 50 | 500 |
| 10627M | 2 | N | N | 20 | 200 | 100 | 20 | <2 | 20 | 1,000 | 5 | <20 | 100 |
| 10628M | 2 | N | N | 100 | 150 | 300 | 20 | N | 20 | 2,000 | 10 | 100 | 200 |
| 10629M | 3 | N | N | 20 | 500 | 70 | 15 | N | <20 | 2,000 | 5 | <20 | 70 |
| 10630M | 3 | N | N | 50 | 500 | 150 | 20 | N | N | >10,000 | 5 | 20 | 100 |
| 10631M | 3 | N | N | 30 | 100 | 200 | 15 | N | N | 10,000 | 5 | 20 | 100 |
| 10632M | 3 | N | N | 30 | 100 | 100 | 15 | <2 | N | 5,000 | <5 | N | 50 |
| 10633M | 2 | N | N | 30 | 100 | 100 | 20 | N | <20 | 3,000 | <5 | 20 | 100 |
| 10634M | 3 | N | N | 15 | 100 | 150 | 20 | N | 50 | 5,000 | <5 | 20 | 70 |
| 10635M | 2 | N | N | 50 | 200 | 100 | 20 | N | <20 | 5,000 | <5 | 20 | 100 |
| 10636MD1 | 3 | N | N | 50 | >1,000 | 50 | 10 | N | N | 5,000 | <5 | N | 200 |
| 10637M | 5 | N | N | 50 | 150 | 150 | 10 | N | N | >10,000 | 10 | <20 | 100 |
| 10638M | 2 | N | N | 50 | >1,000 | 100 | 20 | N | N | 2,000 | <5 | N | 200 |
| 10639M | -- | N | N | 50 | 200 | 70 | 20 | N | <20 | 3,000 | 5 | <20 | 100 |
| 10640M | 5 | N | N | 30 | 200 | 50 | 20 | N | N | 2,000 | 5 | <20 | 100 |
| 10641M | 2 | N | N | 20 | 200 | 100 | 15 | N | <20 | 5,000 | <5 | N | 70 |
| 10642M | 5 | N | N | 20 | 200 | 150 | 20 | N | N | 5,000 | <5 | <20 | 100 |
| 10643M | 3 | N | N | 30 | 200 | 50 | 20 | N | N | 7,000 | <5 | N | 100 |
| 10644MD2 | 1 | N | N | 30 | 200 | 50 | 15 | N | N | 10,000 | <5 | N | 100 |
| 10644MD3 | 2 | N | N | 50 | 500 | 100 | 15 | N | <20 | >10,000 | 5 | <20 | 150 |
| 10645M | 3 | N | N | 50 | 200 | 150 | 20 | N | <20 | >10,000 | <5 | 30 | 200 |
| 10646MD2 | 2 | N | N | 50 | 150 | 150 | 20 | N | <20 | 2,000 | <5 | 30 | 150 |
| 10646MD3 | 5 | N | N | 20 | 150 | 150 | 10 | N | N | 3,000 | <5 | <20 | 100 |
| 10647M | 5 | N | N | 50 | 100 | 100 | 20 | N | 30 | 10,000 | <5 | 20 | 150 |
| 10648MD1 | 5 | N | N | 20 | 200 | 100 | 15 | <2 | <20 | 2,000 | 5 | <20 | 100 |
| 10704M | 10 | N | N | 200 | 50 | 200 | 15 | N | 20 | >10,000 | 7 | 100 | 200 |
| 10705M | 5 | N | N | 20 | 70 | 200 | 20 | N | N | 10,000 | 20 | 20 | 50 |
| 10708M | 5 | N | N | 50 | 100 | 100 | 5 | N | 20 | >10,000 | <5 | 20 | 50 |
| 10710M | 5 | N | N | 50 | 200 | 150 | 10 | N | <20 | 10,000 | 10 | 100 | 70 |
| 10711M | 5 | N | N | 100 | 50 | 200 | 10 | N | 50 | >10,000 | 10 | 70 | 50 |
| 10713M | 5 | N | <1 | 100 | 100 | 200 | 15 | <2 | 30 | >10,000 | 7 | 50 | 100 |
| 10714M | 5 | N | N | 20 | 50 | 200 | 15 | N | N | 5,000 | <5 | 20 | 50 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Ti-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0477M | 20 | N | N | 500 | 500 | N | 70 | 1,000 | 300 | 7 | N | N | 7.3 |
| I0478M | 20 | N | N | 500 | 300 | N | 20 | 500 | 100 | 3 | N | N | 7.9 |
| I0479M | 20 | N | N | 100 | 300 | N | 10 | 500 | 100 | 3 | N | N | 6.1 |
| I0481M | 20 | N | N | 200 | 200 | N | 30 | 1,000 | 100 | 5 | N | N | 5.9 |
| I0482M | 10 | N | N | 100 | 500 | N | 50 | 100 | 500 | 2 | N | N | 2.4 |
| I0483M | 15 | N | N | 200 | 200 | N | 20 | 500 | 100 | 3 | N | N | 13 |
| I0484M | 50 | N | N | 300 | 500 | N | 100 | 500 | 200 | 10 | N | N | 12 |
| I0485MD1 | 15 | N | N | 300 | 500 | N | 50 | 1,000 | 200 | 7 | N | N | 7.3 |
| I0492M | 20 | N | N | 150 | 200 | N | 20 | 200 | 70 | 3 | N | N | 7.3 |
| I0493M | 30 | N | N | 700 | 300 | N | 100 | 500 | 150 | 5 | N | N | 7.9 |
| I0494M | 20 | N | N | 1,000 | 300 | N | 50 | 500 | 150 | 3 | N | N | 15 |
| I0496M | 20 | N | N | 300 | 300 | N | 50 | 500 | 200 | 5 | N | N | 7.3 |
| I0497M | 20 | N | N | 200 | 300 | N | 50 | 500 | 150 | 5 | N | N | 5.9 |
| I0498M | 10 | N | N | 500 | 200 | N | 20 | 500 | 300 | 2 | N | N | 22 |
| I0499MD2 | 20 | N | N | 500 | 200 | N | 50 | 500 | 150 | 7 | N | N | 9.5 |
| I0499MD3 | 10 | N | N | 500 | 500 | N | 30 | 500 | 200 | 5 | N | N | 5.7 |
| I0612M | 15 | N | 5 | N | 300 | N | 70 | 500 | 100 | <2 | N | N | 11 |
| I0613M | <10 | N | N | 700 | 50 | N | N | 700 | N | 20 | N | N | 3.8 |
| I0614M | 30 | N | N | 1,000 | 200 | N | 70 | 1,000 | 150 | 2 | N | N | 16 |
| I0616M | 15 | N | N | 300 | 200 | N | 20 | 200 | 50 | 2 | N | N | 9.7 |
| I0617M | 20 | N | N | 1,000 | 200 | N | 30 | 500 | 200 | 5 | N | N | 5.2 |
| I0618M | 20 | <50 | N | 1,000 | 500 | N | 70 | 700 | 100 | 7 | N | N | 11 |
| I0619M | 20 | N | N | 700 | 200 | N | 20 | 200 | 200 | 5 | N | N | 2.9 |
| I0621M | 10 | N | N | 100 | 200 | N | 30 | 100 | 500 | <2 | N | N | 2 |
| I0622M | 50 | N | N | 500 | 500 | N | 50 | 500 | 100 | 5 | N | N | 7.2 |
| I0623M | 20 | N | N | 500 | 500 | N | 50 | 500 | 300 | 3 | N | N | 16 |
| I0624M | 15 | N | N | 500 | 200 | N | 30 | 500 | 50 | 5 | N | N | 9.3 |
| I0625M | 20 | N | N | 500 | 300 | N | 50 | 500 | 300 | 7 | N | N | 7 |
| I0626M | 30 | N | N | 500 | 500 | N | 70 | 1,000 | 200 | 7 | N | N | 6.7 |
| I0627M | 10 | N | N | 200 | 300 | N | 30 | 200 | 200 | 2 | N | N | 1.7 |
| I0628M | 20 | N | N | 700 | 500 | N | 100 | 500 | 500 | 7 | N | N | 2.2 |
| I0629M | 10 | N | N | 100 | 300 | N | 20 | 200 | 150 | 2 | N | N | 4.8 |
| I0630M | 15 | N | N | 200 | 300 | N | 50 | 500 | 100 | 2 | N | N | 5.5 |
| I0631M | 20 | N | N | 500 | 300 | N | 50 | 500 | 150 | 5 | N | N | 15 |
| I0632M | 10 | N | N | 100 | 300 | N | 20 | 500 | 200 | 2 | N | N | 6.6 |
| I0633M | 10 | N | N | 150 | 500 | N | 50 | 200 | 500 | 3 | N | N | 5.1 |
| I0634M | 10 | N | N | 500 | 300 | N | 20 | 200 | 300 | 3 | N | N | 3 |
| I0635M | 10 | N | N | 100 | 300 | N | 50 | 700 | 500 | 3 | N | N | 3.6 |
| I0636MD1 | 10 | N | N | 200 | 300 | N | 10 | 300 | 100 | 3 | N | N | 5.3 |
| I0637M | 20 | N | N | 500 | 200 | N | 30 | 500 | 100 | 5 | N | N | 4.1 |
| I0638M | 10 | N | N | 300 | 500 | N | 10 | 200 | 200 | 2 | N | N | 1.5 |
| I0639M | 10 | N | N | 200 | 500 | N | 50 | 500 | 200 | 3 | N | N | 2.9 |
| I0640M | 10 | N | N | 100 | 300 | N | 50 | 200 | 200 | 3 | N | N | 2.4 |
| I0641M | 10 | N | N | N | 300 | N | 20 | 200 | 100 | 2 | N | N | 1.9 |
| I0642M | 10 | N | N | 200 | 300 | N | 20 | 200 | 1,000 | 2 | N | N | 2.5 |
| I0643M | 10 | N | N | <100 | 300 | N | 30 | 200 | 200 | 2 | N | N | 1.5 |
| I0644MD2 | 15 | N | N | <100 | 100 | N | 10 | 300 | 100 | 2 | N | N | 2.9 |
| I0644MD3 | 20 | 50 | N | 200 | 200 | N | 20 | 200 | 150 | 2 | N | N | 2.5 |
| I0645M | 15 | N | N | 200 | 500 | N | 50 | 300 | 200 | 5 | N | N | 2.1 |
| I0646MD2 | 15 | N | N | 200 | 500 | N | 50 | 500 | 500 | 5 | N | N | 3.1 |
| I0646MD3 | 15 | N | N | 200 | 300 | N | 50 | 300 | 150 | 2 | N | N | 3.1 |
| I0647M | 20 | N | N | 500 | 500 | N | 50 | 1,000 | 300 | 5 | N | N | 3.3 |
| I0648MD1 | 10 | N | N | 200 | 500 | N | 50 | 500 | 200 | 2 | N | N | 2.3 |
| I0704M | 20 | N | N | 700 | 200 | N | 100 | 1,000 | 150 | 5 | N | N | 47 |
| I0705M | 30 | N | N | 500 | 200 | N | 50 | 2,000 | 200 | 5 | N | N | 9.5 |
| I0708M | 20 | N | N | 500 | 500 | N | 50 | 500 | 300 | 2 | N | N | 7.5 |
| I0710M | 10 | N | N | 700 | 300 | N | 70 | 1,000 | 200 | 3 | N | N | 17 |
| I0711M | 15 | N | N | N | 300 | N | 100 | 2,000 | 100 | 3 | N | N | 26 |
| I0713M | 15 | N | N | N | 500 | N | 100 | 1,000 | 100 | 5 | N | N | 32 |
| I0714M | 20 | N | N | 500 | 200 | N | 50 | 2,000 | 300 | 2 | N | N | 17 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 10715M | 62 15 55 | 158 47 52 | >5 | 2 | .2 | .15 | 2 | N | N | >1,000 | 3,000 |
| 10716MD1 | 62 19 36 | 158 46 50 | 5 | 2 | .3 | .2 | 1 | N | N | 1,000 | 1,500 |
| 10717MD2 | 62 19 12 | 158 49 12 | >5 | 1 | .3 | .1 | 1 | N | N | 1,000 | 3,000 |
| 10717MD3 | 62 19 12 | 158 49 12 | >5 | 1 | .3 | .2 | .7 | N | N | 500 | 2,000 |
| 10719M | 62 18 25 | 158 34 0 | >5 | 1.5 | .5 | .5 | .5 | N | N | 300 | 2,000 |
| 10722MD2 | 62 29 6 | 158 59 42 | >5 | 1 | .3 | .2 | .5 | N | N | 500 | 3,000 |
| 10722MD3 | 62 29 6 | 158 59 42 | >5 | 2 | .2 | .2 | 1.5 | N | N | 1,000 | 2,000 |
| 10723MD1 | 62 27 44 | 158 55 25 | >5 | 1 | .3 | .2 | .5 | N | N | 700 | 5,000 |
| 10725M | 62 17 12 | 157 53 9 | >5 | 1 | .2 | .2 | .5 | N | N | 500 | 2,000 |
| 10726M | 62 15 0 | 157 59 5 | >5 | 3 | .3 | .2 | 1 | N | N | 1,000 | 2,000 |
| 10727M | 62 7 57 | 156 56 0 | >5 | 1 | .3 | .5 | .2 | N | N | 100 | 2,000 |
| 10728M | 62 8 38 | 156 59 0 | >5 | 1 | .2 | .2 | 1 | N | N | 500 | 2,000 |
| 10729M | 62 12 15 | 156 58 13 | >5 | 1 | .2 | .5 | 1 | N | N | 1,000 | 2,000 |
| 10730M | 62 9 49 | 157 8 21 | >5 | 1.5 | .3 | .5 | 1 | N | N | 300 | 2,000 |
| 10731M | 62 8 37 | 157 7 1 | >5 | 2 | .3 | .5 | .7 | N | N | 700 | 2,000 |
| 10732MD2 | 62 8 12 | 157 10 38 | >5 | .7 | .2 | .2 | .7 | N | N | 500 | 2,000 |
| 10733MD1 | 62 7 47 | 157 11 44 | >5 | 1 | .2 | .3 | 1 | N | N | 300 | 2,000 |
| 10734M | 62 6 1 | 157 14 59 | >5 | 1 | .2 | .3 | 1.5 | N | N | 500 | 2,000 |
| 10735M | 62 6 54 | 157 15 40 | >5 | 2 | .3 | .3 | .3 | N | N | 500 | 2,000 |
| 10736MD2 | 62 8 42 | 157 15 19 | >5 | 1 | .2 | .2 | .7 | N | N | 500 | 2,000 |
| 10736MD3 | 62 8 42 | 157 15 19 | >5 | 1 | .2 | .2 | 1 | N | N | 500 | 1,500 |
| 10737MD1 | 62 8 1 | 157 15 32 | >5 | 1.5 | .2 | .15 | .5 | N | N | 500 | 1,500 |
| 10739M | 62 58 11 | 158 53 49 | >5 | 1.5 | .2 | .3 | .5 | N | N | 500 | 1,000 |
| 10740M | 62 57 40 | 158 47 37 | >5 | 2 | .5 | .3 | 5 | N | N | 1,000 | 1,500 |
| 10743M | 62 56 22 | 158 55 52 | >5 | 5 | .5 | .2 | .2 | N | N | 1,000 | 1,000 |
| 10744M | 62 54 5 | 158 55 41 | >5 | .5 | .2 | .5 | .2 | N | N | 100 | 2,000 |
| 10745M | 62 53 4 | 158 51 40 | >5 | 1 | .2 | .5 | .5 | N | N | 200 | 1,000 |
| 10746M | 62 53 49 | 158 49 45 | 5 | 2 | .3 | .5 | .2 | N | N | 500 | 2,000 |
| 10747M | 62 50 27 | 158 57 30 | >5 | 2 | .5 | .2 | .7 | N | N | 1,000 | 2,000 |
| 10749M | 62 50 32 | 158 47 33 | >5 | 1.5 | .5 | .5 | 1 | N | N | 500 | 1,500 |
| 10754M | 62 46 46 | 158 50 26 | >5 | 5 | .2 | .1 | .1 | N | N | 1,000 | 2,000 |
| 10760M | 62 43 0 | 158 52 40 | >5 | 2 | .3 | .5 | .7 | N | N | 700 | 2,000 |
| 10762MD2 | 62 43 46 | 158 58 28 | >5 | 1 | .2 | .5 | .5 | N | N | 500 | 1,500 |
| 10764M | 62 41 18 | 158 50 18 | >5 | 5 | .5 | .3 | .5 | N | N | 500 | 1,500 |
| 10771M | 62 54 56 | 158 42 33 | >5 | 1 | .3 | .5 | .5 | N | N | 300 | 2,000 |
| 10773M | 62 52 7 | 158 32 35 | >5 | 2 | .2 | 1 | .7 | N | N | 200 | 3,000 |
| 10775M | 62 51 25 | 158 35 50 | >5 | 3 | .2 | .2 | N | N | N | 200 | 1,000 |
| 10781MD2 | 62 38 11 | 158 41 46 | >5 | .5 | .2 | .3 | 1 | N | N | 500 | 2,000 |
| 10781MD3 | 62 38 11 | 158 41 46 | >5 | 5 | .2 | .2 | .2 | N | N | 500 | 1,000 |
| 10785M | 62 43 53 | 158 31 52 | >5 | 2 | .3 | .15 | .5 | N | N | 500 | 2,000 |
| 10786M | 62 41 2 | 158 33 10 | >5 | 3 | .5 | .3 | .3 | N | N | 500 | 2,000 |
| 10789M | 62 36 41 | 158 34 51 | >5 | 1 | .5 | .5 | 2 | N | N | 300 | 2,000 |
| 10794M | 62 37 54 | 158 49 20 | >5 | .5 | .3 | .2 | 1.5 | 2,000 | N | 200 | 2,000 |
| 10795M | 62 37 17 | 158 45 15 | >5 | .5 | .2 | .2 | 1 | N | N | 200 | 1,500 |
| 10796M | 62 33 43 | 158 46 31 | >5 | 1 | .2 | .5 | .5 | N | N | 300 | 2,000 |
| 10797M | 62 34 44 | 158 52 36 | >5 | 1 | .2 | .1 | 1 | N | N | 1,000 | 2,000 |
| 10799M | 62 31 52 | 158 57 8 | >5 | 2 | .2 | .15 | .3 | N | N | 200 | 1,000 |
| 10801M | 62 46 1 | 157 9 52 | >5 | 2 | .2 | .2 | .7 | N | N | 1,000 | 3,000 |
| 10802M | 62 48 46 | 157 8 11 | >5 | 2 | .15 | .2 | 1.5 | N | N | 700 | 2,000 |
| 10803M | 62 48 8 | 157 3 0 | >5 | 5 | .3 | .2 | .5 | N | N | 1,000 | 2,000 |
| 10804M | 62 50 3 | 157 9 1 | >5 | 2 | .2 | .2 | 1 | N | N | 1,000 | 3,000 |
| 10805M | 62 50 48 | 157 14 38 | >5 | 2 | .2 | .2 | 1 | N | N | >1,000 | 2,000 |
| 10806M | 62 53 7 | 157 13 59 | >5 | 2 | .2 | .3 | 2 | N | N | 500 | 3,000 |
| 10807MD1 | 62 56 18 | 157 17 28 | >5 | 2 | .15 | .5 | .7 | N | N | 200 | 1,000 |
| 10807MD2 | 62 56 18 | 157 17 28 | >5 | 2 | .2 | .3 | 2 | N | N | 300 | 3,000 |
| 10808M | 62 59 21 | 156 45 46 | >5 | 1 | .2 | .2 | .2 | N | N | 1,000 | 1,000 |
| 10809M | 62 55 48 | 156 52 51 | >5 | 5 | .5 | .15 | .5 | N | N | >1,000 | 1,500 |
| 10810MD2 | 62 53 58 | 156 47 38 | 5 | 10 | .3 | .2 | .5 | N | N | 500 | 1,500 |
| 10810MD3 | 62 53 58 | 156 47 38 | >5 | 2 | .2 | .2 | 1 | N | N | 500 | 1,000 |
| 10810MD4 | 62 53 58 | 156 47 38 | 5 | 2 | .3 | .5 | .5 | N | N | 500 | 2,000 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0715M | 7 | N | 10 | 100 | 20 | 500 | 10 | N | 30 | >10,000 | 10 | 70 | 100 |
| I0716MD1 | 5 | N | 5 | 20 | 50 | 150 | 15 | N | 20 | 5,000 | 10 | 50 | 50 |
| I0717MD2 | 10 | N | 5 | 50 | 70 | 300 | 10 | N | 50 | 10,000 | 20 | 100 | 50 |
| I0717MD3 | 10 | N | <1 | 50 | 70 | 150 | 15 | N | 50 | 10,000 | 15 | 100 | 50 |
| I0719M | 5 | N | N | 50 | 150 | 150 | 20 | N | 20 | 5,000 | 5 | 50 | 100 |
| I0722MD2 | 5 | N | <1 | 50 | 100 | 200 | 15 | N | 20 | 7,000 | 10 | 50 | 50 |
| I0722MD3 | 5 | N | 15 | 100 | 100 | 500 | 5 | N | <20 | >10,000 | 10 | 70 | 150 |
| I0723MD1 | 7 | N | 5 | 30 | 100 | 200 | 20 | N | N | 5,000 | 10 | 50 | 100 |
| I0725M | 5 | N | 5 | 150 | 100 | 500 | 5 | N | <20 | >10,000 | 5 | 50 | 200 |
| I0726M | 5 | N | 10 | 50 | 50 | 500 | 10 | N | <20 | >10,000 | 10 | 70 | 200 |
| I0727M | 2 | N | N | 20 | 150 | 50 | 15 | N | 20 | 1,500 | 5 | <20 | 50 |
| I0728M | 3 | N | N | 30 | 100 | 200 | 15 | N | N | 10,000 | 5 | 20 | 50 |
| I0729M | 5 | N | 2 | 200 | 100 | 200 | 15 | N | N | >10,000 | 5 | 20 | 150 |
| I0730M | 2 | N | N | 50 | 100 | 200 | 20 | N | <20 | 5,000 | 5 | 20 | 100 |
| I0731M | 5 | N | N | 70 | 150 | 300 | 20 | <2 | <20 | >10,000 | 7 | 50 | 100 |
| I0732MD2 | 5 | N | 5 | 100 | 100 | 300 | 15 | N | <20 | >10,000 | 5 | 70 | 100 |
| I0733MD1 | 5 | N | 2 | 100 | 200 | 200 | 15 | N | 20 | >10,000 | 5 | 50 | 100 |
| I0734M | 7 | N | 2 | 100 | 200 | 300 | 15 | N | 20 | 10,000 | 5 | 70 | 150 |
| I0735M | 3 | N | 2 | 20 | 100 | 200 | 7 | N | <20 | 5,000 | 7 | 50 | 100 |
| I0736MD2 | 5 | N | N | 100 | 100 | 200 | 20 | N | 20 | >10,000 | 5 | 50 | 150 |
| I0736MD3 | 5 | N | <1 | 200 | 100 | 500 | 10 | N | <20 | >10,000 | 5 | 100 | 30 |
| I0737MD1 | 3 | N | N | 30 | 70 | 300 | 10 | N | <20 | 10,000 | 5 | 70 | 70 |
| I0739M | 2 | N | N | 50 | 70 | 100 | 15 | N | N | >10,000 | 10 | N | 50 |
| I0740M | 7 | N | <1 | 50 | 100 | 300 | 20 | N | <20 | 3,000 | 10 | 20 | 100 |
| I0743M | 3 | N | N | 20 | 50 | 200 | 15 | N | N | 10,000 | 10 | 20 | 50 |
| I0744M | 3 | N | N | 20 | 200 | 100 | 15 | N | <20 | 1,000 | <5 | N | 50 |
| I0745M | 5 | N | N | 50 | 500 | 200 | 7 | N | N | >10,000 | <5 | <20 | 20 |
| I0746M | 2 | N | N | 100 | 70 | 100 | 15 | N | N | 10,000 | 20 | <20 | 50 |
| I0747M | 7 | N | N | 100 | 100 | 500 | 15 | N | 30 | >10,000 | 10 | 70 | 100 |
| I0749M | 5 | N | N | 50 | 100 | 300 | 20 | N | N | 7,000 | <5 | 20 | 100 |
| I0754M | 5 | N | N | 50 | 70 | 200 | 2 | N | N | >10,000 | 5 | 50 | 50 |
| I0760M | 5 | N | N | 50 | 100 | 200 | 20 | N | <20 | 10,000 | 5 | 50 | 100 |
| I0762MD2 | 7 | N | N | 20 | 100 | 200 | 10 | N | 20 | 5,000 | <5 | 20 | 50 |
| I0764M | 2 | N | <1 | 20 | 50 | 200 | 10 | N | <20 | 10,000 | 10 | <20 | 50 |
| I0771M | 5 | N | N | 50 | 100 | 300 | 20 | N | <20 | 5,000 | 5 | 50 | 70 |
| I0773M | 3 | N | N | 20 | 150 | 150 | 20 | N | 20 | 2,000 | 10 | 20 | 100 |
| I0775M | 2 | N | N | 30 | 700 | 100 | 20 | N | N | 5,000 | 10 | N | 50 |
| I0781MD2 | 10 | N | N | 50 | 200 | 200 | 15 | N | 20 | 2,000 | 10 | 100 | 70 |
| I0781MD3 | 2 | 2 | N | 20 | 50 | 100 | 10 | N | N | >10,000 | 10 | N | 100 |
| I0785M | 2 | N | <1 | 20 | 50 | 100 | 15 | N | N | 3,000 | 20 | 20 | 50 |
| I0786M | 2 | N | <1 | 20 | 50 | 200 | 20 | N | N | 5,000 | 5 | N | 50 |
| I0789M | 5 | N | N | 50 | 100 | 500 | 20 | N | 20 | 10,000 | 7 | 30 | 50 |
| I0794M | 7 | N | 5 | 500 | 100 | 500 | 10 | N | 30 | >10,000 | 20 | 50 | 200 |
| I0795M | 10 | N | N | 50 | 70 | 200 | 20 | N | 50 | 5,000 | 5 | 100 | 50 |
| I0796M | 5 | N | N | 50 | 200 | 200 | 15 | N | 20 | 5,000 | 5 | 50 | 70 |
| I0797M | 5 | N | <1 | 100 | 70 | 200 | 10 | N | N | >10,000 | 5 | 50 | 100 |
| I0799M | 5 | N | N | 20 | 20 | 200 | 15 | N | N | 7,000 | 10 | <20 | 30 |
| I0801M | 5 | N | 5 | 50 | 300 | 200 | 15 | 2 | <20 | >10,000 | 5 | 50 | 150 |
| I0802M | 5 | N | 10 | 70 | 100 | 300 | 15 | N | <20 | 5,000 | 10 | 50 | 150 |
| I0803M | 5 | N | N | 100 | 500 | 200 | 15 | 10 | N | >10,000 | 5 | <20 | 500 |
| I0804M | 5 | N | 5 | 100 | 100 | 500 | 20 | N | <20 | >10,000 | 10 | 50 | 200 |
| I0805M | 5 | N | 7 | 20 | 50 | 500 | 15 | N | <20 | >10,000 | 5 | 50 | 100 |
| I0806M | 5 | N | N | 300 | 150 | 500 | 20 | N | <20 | >10,000 | 10 | 100 | 200 |
| I0807MD1 | 3 | N | 5 | 20 | 100 | 100 | 5 | N | N | 1,500 | 5 | <20 | 70 |
| I0807MD2 | 5 | N | 2 | 50 | 100 | 150 | 20 | N | <20 | 5,000 | 10 | 50 | 100 |
| I0808M | 7 | N | 2 | 30 | 150 | 200 | 15 | N | N | 5,000 | 10 | <20 | 70 |
| I0809M | 50 | <1 | 5 | 50 | 70 | 200 | 5 | N | 150 | 7,000 | 20 | 100 | 100 |
| I0810MD2 | 3 | N | 10 | 20 | 15 | 150 | 7 | N | 30 | 2,000 | 30 | <20 | 50 |
| I0810MD3 | 5 | <1 | N | 30 | 50 | 150 | 15 | N | <20 | 5,000 | 10 | 70 | 100 |
| I0810MD4 | 5 | N | N | 15 | 100 | 150 | 20 | N | 20 | 2,000 | 5 | <20 | 50 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Tl-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10715M | 15 | N | N | 1,000 | 200 | N | 70 | 2,000 | 150 | 2 | N | N | 24 |
| 10716MD1 | 20 | N | N | 1,000 | 200 | N | 50 | 2,000 | 500 | <2 | N | N | 15 |
| 10717MD2 | 30 | N | N | 1,000 | 300 | N | 100 | 1,000 | 100 | 7 | N | N | 11 |
| 10717MD3 | 50 | N | N | 700 | 300 | N | 100 | 1,000 | 200 | 5 | N | N | 14 |
| 10719M | 15 | N | N | 500 | 500 | N | 50 | 500 | 200 | 7 | N | N | 2.1 |
| 10722MD2 | 30 | N | N | 500 | 500 | N | 100 | 1,000 | 150 | 5 | N | N | 44 |
| 10722MD3 | 50 | N | N | 1,000 | 500 | N | 70 | 3,000 | 150 | 10 | N | N | 49 |
| 10723MD1 | 50 | N | N | 500 | 500 | N | 70 | 5,000 | 150 | 7 | N | N | 37 |
| 10725M | 20 | N | N | 500 | 500 | N | 70 | 500 | 200 | 3 | N | N | 5.3 |
| 10726M | 20 | N | N | 700 | 500 | N | 50 | 3,000 | 200 | 5 | N | N | 25 |
| 10727M | 10 | N | N | <100 | 300 | N | 50 | 200 | 1,000 | 3 | N | N | 1.9 |
| 10728M | 20 | N | N | 200 | 300 | N | 50 | 300 | 300 | 3 | N | N | 6.5 |
| 10729M | 20 | N | N | 500 | 300 | N | 70 | 1,000 | 500 | 5 | N | N | 9.1 |
| 10730M | 20 | N | N | 500 | 500 | N | 50 | 700 | 500 | 3 | N | N | 5.1 |
| 10731M | 20 | N | N | 500 | 500 | N | 50 | 1,000 | 300 | 5 | N | N | 5.5 |
| 10732MD2 | 20 | N | N | 300 | 300 | N | 100 | 500 | 150 | 5 | N | N | 13 |
| 10733MD1 | 15 | N | <5 | 500 | 300 | N | 30 | 500 | 200 | 5 | N | N | 4.6 |
| 10734M | 20 | N | N | 700 | 500 | N | 50 | 500 | 200 | 5 | N | N | 6.3 |
| 10735M | 10 | N | N | 500 | 200 | N | 70 | 300 | 200 | 2 | N | N | 5.1 |
| 10736MD2 | 20 | N | N | 300 | 500 | N | 100 | 500 | 100 | 5 | N | N | 8.4 |
| 10736MD3 | 20 | N | N | 700 | 500 | N | 100 | 500 | 200 | 7 | N | N | 8.2 |
| 10737MD1 | 20 | N | N | 700 | 300 | N | 70 | 500 | 100 | 2 | N | N | 12 |
| 10739M | 15 | N | N | N | 200 | N | 20 | 1,000 | 150 | 2 | N | N | 1.9 |
| 10740M | 20 | N | N | 300 | 300 | N | 50 | 1,000 | 100 | 2 | N | N | 3.4 |
| 10743M | 20 | N | N | 700 | 100 | N | 20 | 1,000 | 100 | 2 | N | N | 7.8 |
| 10744M | 15 | N | N | 500 | 300 | N | 50 | 300 | 200 | 5 | N | N | 2.6 |
| 10745M | 20 | N | N | 300 | 500 | N | 50 | 700 | 150 | 3 | N | N | 10 |
| 10746M | 50 | N | <5 | 500 | 200 | N | 20 | 1,000 | 200 | 2 | N | N | 2.6 |
| 10747M | 20 | N | N | 1,000 | 300 | N | 70 | 500 | 200 | 2 | N | N | 9 |
| 10749M | 30 | N | N | 300 | 300 | N | 50 | 1,000 | 500 | 3 | N | N | 5 |
| 10754M | 10 | N | N | 700 | 300 | N | 70 | 500 | 100 | 10 | N | N | 12 |
| 10760M | 20 | N | N | 500 | 500 | N | 70 | 1,000 | 200 | 5 | N | N | 13 |
| 10762MD2 | 15 | N | N | 300 | 300 | N | 50 | 500 | 300 | 2 | N | N | 6.4 |
| 10764M | 30 | N | N | 1,000 | 150 | N | 30 | 2,000 | 150 | 2 | N | N | 8.3 |
| 10771M | 20 | N | N | 500 | 500 | N | 50 | 1,000 | 200 | 5 | N | N | 9 |
| 10773M | 30 | N | N | 300 | 500 | N | 70 | 500 | 200 | 5 | N | N | 2.2 |
| 10775M | 30 | N | N | 500 | 200 | N | 30 | 500 | 100 | 3 | N | N | 4.6 |
| 10781MD2 | 20 | N | N | 500 | 500 | N | 100 | 700 | 300 | 5 | N | N | 13 |
| 10781MD3 | 70 | N | N | 700 | 200 | N | 10 | 1,000 | 100 | 2 | N | N | 4.9 |
| 10785M | 70 | N | <5 | 700 | 200 | N | 20 | 1,500 | 70 | 5 | N | N | 10 |
| 10786M | 100 | N | N | 500 | 200 | N | 20 | 2,000 | 100 | 2 | N | N | 12 |
| 10789M | 30 | N | <5 | 700 | 500 | N | 50 | 1,000 | 200 | 5 | N | N | 7.4 |
| 10794M | 50 | N | N | 500 | 500 | N | 100 | 2,000 | 500 | 10 | N | N | 27 |
| 10795M | 20 | N | N | 500 | 500 | N | 100 | 1,500 | 150 | 7 | N | N | 18 |
| 10796M | 20 | N | N | 500 | 500 | N | 70 | 1,000 | 200 | 5 | N | N | 6.8 |
| 10797M | 15 | N | N | 700 | 500 | N | 100 | 2,000 | 100 | 10 | N | N | 23 |
| 10799M | 20 | N | N | 500 | 200 | N | 20 | 1,000 | 100 | 3 | N | N | 11 |
| 10801M | 20 | N | N | 1,000 | 300 | N | 70 | 1,500 | 150 | 5 | N | N | 9.5 |
| 10802M | 20 | N | N | 700 | 300 | N | 50 | 1,000 | 150 | 3 | N | N | 10 |
| 10803M | 10 | N | N | 700 | 500 | N | 20 | 2,000 | 100 | 3 | N | N | 15 |
| 10804M | 50 | N | N | 1,000 | 200 | N | 70 | 1,500 | 100 | 5 | N | N | 8.9 |
| 10805M | 100 | N | <5 | 1,000 | 200 | N | 50 | 1,000 | 100 | 2 | N | N | 12 |
| 10806M | 50 | N | N | 700 | 500 | N | 100 | 2,000 | 150 | 10 | N | N | 11 |
| 10807MD1 | 20 | N | N | 300 | 300 | N | 30 | 1,000 | 150 | 2 | N | N | 18 |
| 10807MD2 | 50 | N | N | 700 | 200 | N | 70 | 1,500 | 200 | 2 | N | N | 18 |
| 10808M | 20 | N | N | 1,000 | 300 | N | 30 | 1,500 | 100 | 2 | N | N | 18 |
| 10809M | 50 | N | N | 1,000 | 100 | N | 100 | 1,000 | 100 | 2 | N | N | 100 |
| 10810MD2 | 50 | N | N | 1,000 | 100 | N | 30 | 2,000 | 100 | <2 | N | N | 11 |
| 10810MD3 | 30 | N | N | 700 | 200 | N | 100 | 2,000 | 150 | 2 | N | N | 15 |
| 10810MD4 | 15 | N | <5 | 500 | 300 | N | 20 | 1,000 | 300 | 2 | N | N | 4.1 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| I0811MD2 | 62 45 11 | 156 52 27 | >5 | 3 | .2 | .15 | .1 | N | N | >1,000 | 1,500 |
| I0811MD3 | 62 45 10 | 156 52 25 | 5 | 7 | .2 | .2 | .1 | N | N | >1,000 | 2,000 |
| I0812M | 62 46 18 | 156 57 32 | >5 | 5 | .3 | .2 | N | N | N | >1,000 | 1,500 |
| I0813M | 62 45 32 | 156 40 6 | >5 | 2 | .2 | .2 | .7 | N | N | 700 | 2,000 |
| I0814M | 62 16 52 | 158 51 0 | >5 | 2 | .3 | .5 | .5 | N | N | 200 | 2,000 |
| I0815M | 62 16 32 | 158 41 14 | 5 | 3 | .3 | .5 | 1 | N | N | 500 | 2,000 |
| I0816M | 62 20 0 | 158 40 30 | >5 | .7 | .3 | .2 | 1 | N | N | 1,000 | 1,500 |
| I0817M | 62 20 7 | 158 37 56 | 5 | 2 | .3 | .5 | 5 | N | N | 300 | 1,000 |
| I0818M | 62 18 0 | 158 38 28 | 5 | 2 | .2 | .15 | 1 | N | N | 1,000 | 1,000 |
| I0819MD2 | 62 23 51 | 158 59 48 | >5 | 5 | .3 | .15 | .2 | N | N | >1,000 | 5,000 |
| I0819MD3 | 62 23 51 | 158 59 48 | >5 | 2 | .3 | .3 | .7 | N | N | 700 | 2,000 |
| I0819MD4 | 62 23 51 | 158 59 48 | 5 | 3 | .3 | .1 | .5 | N | N | >1,000 | 1,500 |
| I0820M | 62 26 36 | 158 51 11 | >5 | 2 | .3 | .5 | 1.5 | N | N | >1,000 | 2,000 |
| I0821M | 62 57 10 | 157 17 10 | >5 | 5 | .2 | .2 | 1 | N | N | 500 | 1,500 |
| I0822M | 62 58 0 | 157 17 42 | >5 | 5 | .2 | .2 | 1.5 | N | N | 1,000 | 3,000 |
| I0823M | 62 58 26 | 157 12 5 | >5 | 2 | .3 | .2 | 10 | N | N | 700 | 2,000 |
| I0824M | 62 56 18 | 157 11 13 | >5 | 1 | .3 | .5 | .2 | N | N | 1,000 | 1,500 |
| I0825MD1 | 62 55 22 | 157 21 5 | >5 | 1 | .2 | .5 | 1 | N | N | 1,000 | 2,000 |
| I0826M | 62 54 18 | 157 21 4 | >5 | 5 | .2 | .2 | 10 | N | N | 1,000 | 5,000 |
| I0827MD2 | 62 56 33 | 157 23 49 | >5 | 3 | .2 | .2 | 1 | N | N | 1,000 | 5,000 |
| I0827MD3 | 62 56 33 | 157 23 49 | 5 | 1 | .15 | .15 | .5 | N | N | 500 | 1,500 |
| I0828M | 62 58 10 | 157 23 20 | >5 | 2 | .2 | .2 | 1 | N | N | >1,000 | 2,000 |
| I0829M | 62 59 48 | 157 27 49 | 3 | 2 | .15 | .2 | 1 | N | N | 500 | 2,000 |
| I0830MD3 | 62 56 32 | 157 25 51 | >5 | 2 | .2 | .2 | 1.5 | N | N | 500 | 1,500 |
| I0831M | 62 29 28 | 158 38 3 | >5 | 1 | .3 | .2 | 1 | N | N | 500 | 2,000 |
| I0832MD1 | 62 29 29 | 158 40 26 | >5 | 1.5 | .2 | .2 | 1 | N | N | 500 | 2,000 |
| I0833MD2 | 62 28 46 | 158 42 58 | 5 | 2 | .2 | .5 | .5 | N | N | 500 | 3,000 |
| I0833MD3 | 62 28 46 | 158 42 58 | >5 | 1 | .3 | .2 | .3 | N | N | 500 | 1,500 |
| I0834M | 62 25 47 | 158 41 9 | >5 | 3 | .3 | .3 | .3 | N | N | 1,000 | 2,000 |
| I0835M | 62 26 49 | 158 47 35 | >5 | 3 | .3 | .2 | .5 | N | N | 1,000 | 10,000 |
| I0836M | 62 29 31 | 158 47 51 | >5 | 2 | .2 | .3 | .1 | N | N | 1,000 | 2,000 |
| I0837M | 62 26 10 | 158 30 30 | >5 | 1 | 1 | 1 | .2 | N | N | 100 | 1,000 |
| I0839M | 62 8 58 | 157 59 56 | >5 | 2 | .3 | .2 | .7 | N | N | 700 | 2,000 |
| I0840M | 62 9 42 | 157 50 48 | >5 | 2 | .3 | .3 | 1 | N | N | 300 | 3,000 |
| I0841M | 62 10 27 | 157 51 2 | >5 | 5 | .3 | .2 | .5 | N | N | 1,000 | 3,000 |
| I0842M | 62 13 18 | 157 54 19 | >5 | 1 | .2 | .2 | .1 | N | N | 200 | 1,000 |
| I0843MD2 | 62 11 58 | 157 57 12 | >5 | 1 | .2 | .3 | .2 | N | N | 500 | 2,000 |
| I0843MD3 | 62 11 58 | 157 57 12 | >5 | 5 | .2 | .2 | 1 | N | N | 1,000 | 3,000 |
| I0844MD1 | 62 12 3 | 157 57 28 | 5 | .7 | .15 | .5 | .1 | N | N | 100 | 1,000 |
| I0845M | 62 14 33 | 157 58 25 | >5 | 2 | .2 | .2 | 1 | N | N | 1,000 | 2,000 |
| I0846M | 62 2 28 | 157 59 4 | 3 | 3 | .2 | .5 | .5 | N | N | 700 | 1,500 |
| I0847M | 62 0 18 | 157 56 27 | 5 | 1 | .2 | .5 | .2 | N | N | 200 | 1,000 |
| I0848M | 62 0 5 | 157 51 6 | >5 | .7 | .2 | .15 | .1 | N | N | 200 | 1,500 |
| I0849M | 62 5 38 | 157 58 20 | >5 | 3 | .2 | .2 | 1.5 | N | N | 1,000 | 2,000 |
| I0850M | 62 5 5 | 157 53 20 | 5 | 3 | .2 | .2 | 1 | N | N | 1,000 | 2,000 |
| I0851M | 62 6 1 | 157 53 46 | >5 | 2 | .3 | .5 | .5 | N | N | 150 | 3,000 |
| I0852M | 62 7 18 | 157 47 50 | >5 | 3 | .2 | .2 | 1 | N | N | 200 | 2,000 |
| I0853M | 62 5 1 | 157 44 33 | >5 | 2 | .3 | 1 | .5 | N | N | 500 | 2,000 |
| I0855M | 62 4 32 | 157 42 51 | >5 | 1 | .2 | .1 | 1 | N | N | 700 | 2,000 |
| I0856MD2 | 62 1 0 | 157 42 10 | >5 | 3 | .3 | .5 | .7 | N | N | 300 | 1,000 |
| I0857MD1 | 62 0 47 | 157 41 47 | >5 | 5 | .15 | .2 | .5 | N | N | 1,000 | 2,000 |
| I0858M | 62 3 30 | 157 37 10 | 5 | 5 | .3 | .3 | 1 | N | N | 500 | 3,000 |
| I0859M | 62 1 55 | 157 46 21 | 5 | 1 | .2 | .5 | .5 | N | N | 200 | 1,000 |
| I0860M | 62 0 23 | 157 36 40 | >5 | 2 | .2 | .2 | 1 | N | N | 1,000 | 2,000 |
| I0861M | 62 1 11 | 157 33 45 | >5 | 5 | .2 | .2 | .7 | N | N | 1,000 | 3,000 |
| I0862M | 62 3 0 | 157 34 0 | >5 | 1 | .3 | .5 | .2 | N | N | 200 | 2,000 |
| I0863M | 62 5 55 | 157 32 7 | >5 | 1 | .3 | .3 | .5 | N | N | 200 | 2,000 |
| I0864M | 62 8 53 | 157 31 41 | >5 | 2 | .2 | .2 | 1 | N | N | 1,000 | 3,000 |
| I0865M | 62 9 15 | 157 36 35 | >5 | 2 | .2 | .5 | .5 | N | N | 200 | 2,000 |
| I0866MD2 | 62 5 27 | 157 35 20 | >5 | 1.5 | .2 | .1 | 2 | N | N | 700 | 5,000 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0811MD2 | 7 | N | <1 | 20 | 200 | 100 | 10 | N | 50 | 2,000 | 10 | 50 | 100 |
| I0811MD3 | 7 | N | 5 | 50 | 200 | 200 | 3 | N | 100 | 5,000 | 20 | 100 | 500 |
| I0812M | 7 | N | N | 70 | 200 | 150 | 7 | N | 50 | 10,000 | 10 | <20 | 200 |
| I0813M | 5 | N | N | 50 | 150 | 300 | 20 | N | N | 10,000 | 10 | 20 | 100 |
| I0814M | 5 | N | N | 30 | 100 | 100 | 20 | N | 20 | 5,000 | 10 | 20 | 50 |
| I0815M | 5 | <1 | 5 | 50 | 100 | 200 | 20 | N | 50 | 5,000 | 10 | 50 | 70 |
| I0816M | 7 | N | 2 | 50 | 70 | 200 | 10 | N | <20 | 10,000 | 5 | 50 | 50 |
| I0817M | 5 | N | 5 | 20 | 100 | 100 | 20 | N | 20 | 2,000 | 10 | 20 | 30 |
| I0818M | 5 | N | N | 30 | 50 | 100 | 15 | N | N | >10,000 | 10 | N | 30 |
| I0819MD2 | 7 | N | 20 | 200 | 30 | 500 | 10 | N | 30 | 10,000 | 15 | 100 | 200 |
| I0819MD3 | 5 | <1 | 7 | 50 | 150 | 500 | 15 | N | 100 | 10,000 | 10 | 100 | 50 |
| I0819MD4 | <.5 | N | 5 | 20 | 10 | 100 | 5 | N | N | 10,000 | 30 | N | 30 |
| I0820M | 10 | N | 5 | 100 | 100 | 200 | 15 | N | 50 | >10,000 | 10 | 70 | 100 |
| I0821M | 2 | N | N | 20 | 70 | 100 | 15 | N | N | 1,000 | 20 | <20 | 100 |
| I0822M | 5 | N | 10 | 150 | 50 | 500 | 5 | N | N | >10,000 | 10 | <20 | 200 |
| I0823M | 7 | N | N | 100 | 70 | 200 | 20 | N | N | 5,000 | 10 | 20 | 200 |
| I0824M | 5 | N | N | 20 | 200 | 100 | 15 | N | <20 | 5,000 | 5 | 20 | 50 |
| I0825MD1 | 10 | N | 2 | 50 | 100 | 200 | 15 | <2 | <20 | 5,000 | 7 | 30 | 150 |
| I0826M | 7 | N | 15 | 100 | 70 | 500 | 15 | N | 20 | 5,000 | 10 | 70 | 500 |
| I0827MD2 | 7 | N | <1 | 30 | 50 | 200 | 20 | N | N | 2,000 | 10 | 30 | 150 |
| I0827MD3 | 2 | N | N | 20 | 100 | 200 | 15 | N | N | 1,000 | 5 | N | 70 |
| I0828M | 3 | N | 5 | 100 | 50 | 200 | 10 | N | <20 | 10,000 | 10 | 20 | 100 |
| I0829M | 3 | N | <1 | 100 | 700 | 200 | 10 | N | <20 | 10,000 | 10 | 30 | 100 |
| I0830MD3 | 3 | N | 5 | 30 | 70 | 200 | 15 | N | N | 10,000 | 5 | <20 | 100 |
| I0831M | 10 | N | N | 70 | 70 | 200 | 20 | N | 50 | 7,000 | 10 | 100 | 30 |
| I0832MD1 | 7 | N | 2 | 200 | 50 | 200 | 15 | N | 20 | >10,000 | 5 | 70 | 50 |
| I0833MD2 | 7 | N | <1 | 50 | 50 | 100 | 15 | N | 50 | 10,000 | 15 | 50 | 50 |
| I0833MD3 | 7 | N | N | 50 | 70 | 150 | 15 | N | 20 | 10,000 | 10 | 70 | 50 |
| I0834M | 7 | N | 5 | 50 | 70 | 200 | 5 | N | 20 | 10,000 | 5 | 50 | 70 |
| I0835M | 7 | N | 7 | 50 | 50 | 500 | 7 | N | 20 | 10,000 | 20 | 70 | 100 |
| I0836M | 10 | N | 10 | 500 | 100 | 500 | 10 | <2 | 100 | >10,000 | 15 | 200 | 150 |
| I0837M | 7 | <1 | N | 20 | 100 | 50 | 50 | N | <20 | 2,000 | 5 | 20 | 50 |
| I0839M | 3 | N | <1 | 30 | 70 | 200 | 15 | 10 | N | 10,000 | 10 | 30 | 50 |
| I0840M | 3 | N | N | 30 | 150 | 100 | 20 | N | <20 | 7,000 | 10 | <20 | 70 |
| I0841M | 3 | N | 2 | 20 | 70 | 200 | 15 | N | N | 5,000 | 15 | 50 | 150 |
| I0842M | 3 | N | 5 | 20 | 200 | 150 | 10 | N | N | 2,000 | 10 | N | 50 |
| I0843MD2 | 2 | N | N | 50 | 150 | 100 | 15 | N | <20 | 5,000 | 5 | <20 | 70 |
| I0843MD3 | 3 | N | 2 | 50 | 70 | 500 | 15 | N | N | 5,000 | 10 | 50 | 150 |
| I0844MD1 | 2 | N | N | 15 | 100 | 50 | 10 | N | N | 2,000 | 5 | N | 50 |
| I0845M | 5 | N | 10 | 50 | 100 | 300 | 10 | N | <20 | >10,000 | 15 | 70 | 100 |
| I0846M | 3 | <1 | N | 20 | 70 | 300 | 20 | N | N | 7,000 | 10 | <20 | 70 |
| I0847M | 2 | <1 | N | 10 | 70 | 70 | 15 | N | <20 | 700 | 5 | <20 | 50 |
| I0848M | 5 | N | N | 30 | 100 | 100 | 10 | N | N | 10,000 | 5 | <20 | 50 |
| I0849M | 3 | N | 10 | 20 | 50 | 200 | 10 | 2 | 20 | 10,000 | 50 | 50 | 150 |
| I0850M | 5 | N | N | 20 | 50 | 200 | 20 | <2 | N | 5,000 | 15 | N | 150 |
| I0851M | 2 | N | N | 50 | 150 | 200 | 20 | 20 | 20 | 5,000 | 5 | 20 | 150 |
| I0852M | 2 | N | 5 | 15 | 100 | 150 | 15 | N | <20 | 5,000 | 5 | N | 50 |
| I0853M | 3 | N | N | 20 | 100 | 300 | 10 | <2 | 20 | 5,000 | 7 | 50 | 100 |
| I0855M | 3 | N | 10 | 50 | 100 | 300 | 5 | N | N | >10,000 | 10 | 30 | 150 |
| I0856MD2 | 2 | <1 | 3 | 15 | 200 | 200 | 10 | <2 | N | 1,500 | <5 | <20 | 70 |
| I0857MD1 | 3 | N | 2 | 20 | 70 | 150 | 3 | N | N | 2,000 | 20 | 20 | 100 |
| I0858M | 2 | N | <1 | 200 | 50 | 200 | 10 | N | 20 | >10,000 | 5 | 100 | 200 |
| I0859M | 3 | N | N | 20 | 100 | 100 | 20 | N | N | 5,000 | 5 | <20 | 70 |
| I0860M | 7 | N | 5 | 100 | 50 | 500 | 15 | N | 20 | >10,000 | 10 | 100 | 200 |
| I0861M | 5 | N | N | 50 | 50 | 300 | 10 | N | 20 | 10,000 | 10 | 50 | 100 |
| I0862M | 5 | N | N | 30 | 200 | 100 | 20 | N | 20 | 3,000 | 5 | 20 | 100 |
| I0863M | 3 | N | N | 20 | 200 | 200 | 10 | N | <20 | >10,000 | 5 | 20 | 100 |
| I0864M | 3 | N | 7 | 30 | 50 | 500 | 7 | N | 20 | 7,000 | 5 | 30 | 200 |
| I0865M | 2 | N | N | 15 | 150 | 200 | 15 | N | <20 | 2,000 | 10 | <20 | 50 |
| I0866MD2 | 5 | N | 10 | 100 | 50 | 500 | 15 | N | <20 | >10,000 | 10 | 70 | 150 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Tl-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0811MD2 | 15 | N | N | 700 | 300 | N | 50 | 1,500 | 100 | <2 | N | N | 32 |
| I0811MD3 | 20 | N | N | 1,000 | 300 | N | 100 | 2,000 | 150 | 2 | N | N | 32 |
| I0812M | 20 | N | N | 1,500 | 200 | N | 30 | 1,000 | 200 | 3 | N | N | 16 |
| I0813M | 20 | N | N | 700 | 200 | N | 70 | 1,500 | 150 | 5 | N | N | 16 |
| I0814M | 20 | N | <5 | 700 | 200 | N | 50 | 1,000 | 200 | 2 | N | N | 11 |
| I0815M | 50 | N | <5 | 700 | 200 | N | 50 | 2,000 | 200 | 2 | N | N | 11 |
| I0816M | 50 | N | N | 500 | 200 | N | 70 | 5,000 | 70 | 5 | N | N | 41 |
| I0817M | 20 | N | <5 | -- | 200 | N | 50 | 1,000 | 200 | 2 | N | N | 19 |
| I0818M | 15 | N | N | 700 | 150 | N | 30 | 1,000 | 150 | <2 | N | N | 6.3 |
| I0819MD2 | 100 | N | N | 1,000 | 200 | N | 100 | 7,000 | 100 | 5 | N | N | 39 |
| I0819MD3 | 50 | N | <5 | 500 | 300 | N | 70 | 1,000 | 200 | 5 | N | N | 16 |
| I0819MD4 | 20 | N | 10 | N | 100 | N | 20 | 1,500 | 100 | <2 | N | N | 16 |
| I0820M | 50 | N | <5 | 1,000 | 300 | N | 100 | 2,000 | 200 | 5 | N | N | 19 |
| I0821M | 50 | N | 7 | 700 | 200 | N | 20 | 1,500 | 100 | 2 | N | N | 21 |
| I0822M | 50 | N | N | 700 | 300 | N | 30 | 5,000 | 100 | 5 | N | N | 11 |
| I0823M | 20 | N | N | 1,000 | 200 | N | 50 | 5,000 | 500 | 5 | N | N | 11 |
| I0824M | 20 | N | <5 | 700 | 200 | N | 50 | 500 | 500 | 5 | N | N | 7.7 |
| I0825MD1 | 20 | N | N | N | 500 | N | 50 | 1,500 | 150 | 5 | N | N | 19 |
| I0826M | 70 | N | N | 1,000 | 300 | N | 100 | 3,000 | 150 | 5 | N | N | 41 |
| I0827MD2 | 50 | N | N | 700 | 200 | N | 70 | 2,000 | 150 | 3 | N | N | 17 |
| I0827MD3 | 20 | N | N | N | 200 | N | 20 | 1,000 | 100 | 2 | N | N | 23 |
| I0828M | 20 | N | N | N | 500 | N | 50 | 1,000 | 150 | 3 | N | N | 14 |
| I0829M | 10 | N | N | 500 | 300 | N | 50 | 500 | 150 | 2 | N | N | 7.8 |
| I0830MD3 | 20 | N | N | 300 | 200 | N | 20 | 1,500 | 300 | 2 | N | N | 5.4 |
| I0831M | 20 | N | N | 700 | 500 | N | 100 | 700 | 200 | 5 | N | N | 22 |
| I0832MD1 | 15 | N | N | 700 | 500 | N | 100 | 1,000 | 150 | 3 | N | N | 14 |
| I0833MD2 | 15 | N | N | 1,000 | 200 | N | 50 | 1,000 | 200 | 3 | N | N | 11 |
| I0833MD3 | 50 | N | N | 700 | 200 | N | 70 | 2,000 | 150 | 2 | N | N | 23 |
| I0834M | 15 | N | N | 1,000 | 300 | N | 70 | 1,500 | 200 | 5 | N | N | 25 |
| I0835M | 30 | N | N | 1,000 | 500 | N | 70 | 3,000 | 150 | 10 | N | N | 23 |
| I0836M | 20 | N | N | 1,000 | 500 | N | 150 | 1,000 | 200 | 5 | N | N | 15 |
| I0837M | 20 | N | N | 200 | 300 | N | 50 | 200 | 200 | 2 | N | N | 13 |
| I0839M | 15 | N | N | 1,000 | 200 | N | 30 | 1,500 | 100 | 2 | N | N | 6.4 |
| I0840M | 15 | N | N | 500 | 200 | N | 50 | 500 | 300 | 3 | N | N | 5.9 |
| I0841M | 20 | N | N | 700 | 200 | N | 70 | 2,000 | 700 | 2 | N | N | 19 |
| I0842M | 10 | N | N | 500 | 300 | N | 20 | 1,000 | 100 | 2 | N | N | 9.1 |
| I0843MD2 | 30 | N | N | 500 | 200 | N | 50 | 1,000 | 200 | 2 | N | N | 6.9 |
| I0843MD3 | 20 | N | N | 1,000 | 300 | N | 50 | 2,000 | 200 | 5 | N | N | 9.4 |
| I0844MD1 | <10 | N | N | N | 300 | N | 15 | 300 | 200 | <2 | N | N | 2.9 |
| I0845M | 20 | N | N | 1,000 | 300 | N | 70 | 2,000 | 200 | 2 | N | N | 27 |
| I0846M | 15 | N | N | 700 | 300 | N | 30 | 1,000 | 200 | <2 | N | N | 13 |
| I0847M | <10 | N | 10 | 200 | 200 | N | 10 | 300 | 200 | <2 | N | N | 2.2 |
| I0848M | 15 | N | N | 300 | 500 | N | 20 | 300 | 200 | 3 | N | N | 6.7 |
| I0849M | 20 | N | N | 1,000 | 300 | N | 50 | 2,000 | 200 | <2 | N | N | 27 |
| I0850M | 20 | N | N | 700 | 150 | N | 50 | 700 | 150 | 2 | N | N | 25 |
| I0851M | 10 | N | N | 300 | 500 | N | 50 | 1,500 | 700 | 5 | N | N | 5.5 |
| I0852M | 20 | N | N | 500 | 300 | N | 30 | 300 | 200 | 2 | N | N | 5.3 |
| I0853M | 50 | N | N | 700 | 500 | N | 50 | 1,500 | 200 | 2 | N | N | 4.8 |
| I0855M | 30 | N | N | 700 | 300 | N | 50 | 2,000 | 100 | 5 | N | N | 15 |
| I0856MD2 | 15 | N | N | 300 | 300 | N | 30 | 500 | 300 | 2 | N | N | 8.3 |
| I0857MD1 | 10 | N | N | 1,000 | 150 | N | 50 | 300 | 100 | 2 | N | N | 33 |
| I0858M | 30 | N | N | 700 | 200 | N | 70 | 1,500 | 200 | <2 | N | N | 6.2 |
| I0859M | 15 | N | N | 200 | 300 | N | 30 | 500 | 200 | 2 | N | N | 4.5 |
| I0860M | 50 | N | N | 500 | 500 | N | 100 | 1,000 | 200 | 7 | N | N | 13 |
| I0861M | 20 | N | N | 700 | 300 | N | 100 | 1,000 | 200 | 5 | N | N | 16 |
| I0862M | 20 | N | N | 200 | 500 | N | 50 | 1,000 | 200 | 3 | N | N | 3.3 |
| I0863M | 20 | N | N | 700 | 300 | N | 50 | 300 | 200 | 2 | N | N | 5.4 |
| I0864M | 30 | N | N | 700 | 500 | N | 70 | 1,500 | 500 | 5 | N | N | 22 |
| I0865M | 15 | 200 | N | 300 | 200 | N | 20 | 1,000 | 200 | 2 | N | N | 15 |
| I0866MD2 | 20 | N | N | 700 | 300 | N | 70 | 1,000 | 100 | 5 | N | N | 7.2 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| I0866MD3 | 62 5 27 | 157 35 20 | >5 | 1 | .2 | .2 | 1.5 | N | N | 1,000 | 2,000 |
| I0867MD1 | 62 6 5 | 157 34 40 | >5 | 2 | .3 | .2 | 1 | N | N | >1,000 | 2,000 |
| I0869M | 62 10 31 | 157 40 9 | >5 | 1 | .2 | .5 | .5 | N | N | 200 | 1,000 |
| I0871MD2 | 62 10 35 | 157 37 36 | >5 | 3 | .3 | .2 | 1.5 | N | N | 1,000 | 2,000 |
| I0871MD3 | 62 10 7 | 157 34 22 | >5 | 1.5 | .3 | .2 | .7 | N | N | 700 | 2,000 |
| I0872MD1 | 62 10 15 | 157 32 0 | >5 | 2 | .3 | .3 | .5 | N | N | 1,000 | 2,000 |
| I0873M | 62 7 45 | 157 47 31 | >5 | 2 | .2 | .2 | 1 | N | N | 1,000 | 2,000 |
| I0874MD1 | 62 14 15 | 156 58 33 | >5 | 2 | .2 | .15 | 1.5 | N | N | 1,000 | 3,000 |
| I0875MD2 | 62 14 36 | 156 55 42 | 5 | .5 | .2 | .5 | .5 | N | N | 100 | 1,500 |
| I0876M | 62 12 33 | 156 54 29 | >5 | 1 | .3 | .5 | .2 | N | N | 200 | 1,500 |
| I0877M | 62 13 5 | 156 48 43 | >5 | 2 | .3 | .2 | 1 | N | N | 1,000 | 3,000 |
| I0878M | 62 12 23 | 156 46 58 | 5 | 1 | .2 | .7 | .5 | N | N | 70 | 1,500 |
| I0879M | 62 13 53 | 156 44 59 | >5 | 2 | .2 | .2 | .2 | N | N | 700 | 3,000 |
| I0880M | 62 14 48 | 156 39 11 | >5 | 1 | .15 | .2 | .7 | N | N | 300 | 1,500 |
| I0882M | 62 12 58 | 156 31 21 | >5 | 1 | .2 | .5 | .5 | N | N | 300 | 1,500 |
| I0883M | 62 10 46 | 156 32 3 | >5 | 1.5 | .2 | .3 | 1.5 | N | N | 500 | 1,000 |
| I0884M | 62 9 39 | 156 35 41 | >5 | 2 | .2 | .2 | 1 | N | N | 500 | 1,000 |
| I0885M | 62 10 31 | 156 39 29 | 5 | 2 | .2 | .3 | 1 | N | N | 500 | 2,000 |
| I0886M | 62 10 21 | 156 42 51 | >5 | 1 | .15 | .15 | 1.5 | N | N | 500 | 2,000 |
| I0887M | 62 10 58 | 156 52 22 | >5 | 1 | .2 | .2 | .2 | N | N | 500 | 2,000 |
| I0888M | 62 10 20 | 157 44 30 | >5 | 3 | .2 | .3 | .5 | N | N | 1,000 | 2,000 |
| I0889M | 62 12 13 | 157 44 58 | 5 | .7 | .3 | .3 | .2 | N | N | 200 | 1,000 |
| I0890M | 62 13 25 | 157 47 33 | 5 | 3 | .2 | .2 | .5 | N | N | 1,000 | 2,000 |
| I0892M | 62 14 42 | 157 38 9 | 5 | 1 | .5 | .5 | 1 | N | N | 100 | 1,000 |
| I0893MD1 | 62 18 38 | 157 31 8 | >5 | 1 | .2 | .2 | .7 | N | N | >1,000 | 1,000 |
| I0894MD2 | 62 18 41 | 157 31 10 | >5 | 2 | .2 | .3 | .2 | N | N | 1,000 | 2,000 |
| I0894MD3 | 62 18 41 | 157 31 10 | >5 | 2 | .2 | .5 | .5 | N | N | >1,000 | 2,000 |
| I0895M | 62 16 47 | 157 38 39 | >5 | 2 | .2 | .2 | .5 | N | N | 1,000 | 3,000 |
| I0896M | 62 15 33 | 157 32 54 | >5 | 2 | .15 | .2 | .5 | N | N | 700 | 2,000 |
| I0897M | 62 14 0 | 157 32 1 | >5 | 3 | .3 | .5 | .2 | N | N | 200 | 2,000 |
| I0898M | 62 17 4 | 157 42 0 | >5 | 2 | .2 | .15 | .1 | N | N | 1,000 | 3,000 |
| I0899M | 62 17 47 | 157 49 59 | >5 | 3 | .2 | .15 | 1 | N | N | 1,000 | 3,000 |
| I0998MD1 | 62 46 0 | 156 51 9 | 5 | 5 | .2 | .15 | N | N | N | >1,000 | 3,000 |
| 1986 SAMPLES | | | | | | | | | | | |
| I1000M | 62 37 30 | 156 19 23 | 2 | .5 | .07 | .2 | N | N | N | 150 | 500 |
| I1001M | 62 40 18 | 156 20 22 | 2 | .5 | .2 | .5 | N | <200 | N | 50 | 500 |
| I1002M | 62 39 57 | 156 12 48 | 3 | .7 | .1 | .2 | .5 | N | N | 500 | 1,000 |
| I1003M | 62 39 59 | 156 6 36 | 5 | .3 | .05 | .1 | .15 | N | N | 150 | 700 |
| I1004M | 62 40 28 | 156 1 9 | 5 | 1 | .2 | .1 | N | N | N | 300 | 1,000 |
| I1005M | 62 31 33 | 156 4 9 | >5 | .3 | .07 | .1 | N | 500 | N | 500 | 1,500 |
| I1006M | 62 35 58 | 156 3 41 | 5 | .5 | .2 | .2 | N | N | N | 200 | 1,500 |
| I1007M | 62 31 58 | 156 11 9 | 5 | .7 | .15 | .1 | N | N | N | 300 | 1,000 |
| I1008M | 62 34 56 | 156 16 14 | >5 | .7 | .3 | .2 | .1 | N | N | 300 | 1,000 |
| I1009M | 62 28 29 | 156 19 49 | 2 | .5 | .07 | .3 | N | N | N | 150 | 1,500 |
| I1011M | 62 38 55 | 156 25 59 | 3 | 1.5 | .2 | .2 | .7 | N | N | 300 | 1,500 |
| I1012M | 62 36 56 | 156 22 22 | >5 | .5 | .15 | .2 | .5 | N | N | 300 | 1,500 |
| I1013M | 62 41 3 | 156 26 13 | 1 | .3 | .07 | .3 | <.1 | N | N | 70 | 500 |
| I1014M | 62 43 58 | 156 19 10 | 2 | .3 | .07 | .3 | N | <200 | N | 100 | 500 |
| I1015M | 62 46 17 | 156 16 10 | 2 | .7 | .07 | .5 | N | <200 | N | 500 | 500 |
| I1016M | 62 49 39 | 156 9 39 | 1.5 | .5 | .3 | .2 | <.1 | N | N | 70 | 3,000 |
| I1017M | 62 49 9 | 156 1 53 | >5 | .7 | .2 | .2 | .5 | N | N | 100 | 2,000 |
| I1018M | 62 48 28 | 156 16 56 | >5 | .5 | .2 | .3 | N | N | N | 200 | 1,000 |
| I1019M | 62 56 4 | 156 3 32 | 2 | 1 | .7 | 1 | N | N | N | 100 | 700 |
| I1020M | 62 57 38 | 156 4 29 | 5 | 1 | .15 | .3 | .2 | N | N | 200 | 1,500 |
| I1021M | 62 59 15 | 156 18 50 | 3 | .3 | .15 | .5 | N | N | N | 200 | 1,000 |
| I1022M | 62 54 39 | 156 14 54 | 5 | .5 | .1 | .5 | .1 | N | N | 100 | 1,500 |
| I1023MD2 | 62 55 9 | 156 27 14 | 5 | .5 | .2 | .5 | N | N | N | 100 | 700 |
| I1023MD3 | 62 55 11 | 156 27 16 | 3 | .5 | .2 | .1 | .2 | N | N | 100 | 1,000 |
| I1023MD4 | 62 55 11 | 156 28 16 | 2 | .2 | .3 | .15 | .5 | N | N | 100 | 1,000 |
| I1024M | 62 53 2 | 156 25 15 | >5 | .7 | .1 | .3 | .2 | N | N | 150 | 1,000 |
| I1025M | 62 48 50 | 156 29 44 | 5 | .5 | .2 | .15 | .2 | N | N | 500 | 2,000 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0866MD3 | 5 | N | 5 | 100 | 100 | 200 | 10 | N | <20 | >10,000 | 5 | 50 | 150 |
| I0867MD1 | 2 | N | 10 | 50 | 50 | 200 | 15 | N | N | 3,000 | 10 | 20 | 150 |
| I0869M | 3 | N | N | 20 | 300 | 200 | 15 | <2 | <20 | 5,000 | 5 | 20 | 70 |
| I0871MD2 | 3 | N | N | 30 | 100 | 500 | 15 | <2 | <20 | >10,000 | 15 | 30 | 100 |
| I0871MD3 | 3 | N | N | 30 | 100 | 200 | 15 | N | <20 | 10,000 | 10 | 50 | 100 |
| I0872MD1 | 5 | N | 5 | 30 | 150 | 500 | 10 | N | <20 | 10,000 | 10 | 50 | 200 |
| I0873M | 5 | N | N | 50 | 100 | 500 | 20 | <2 | <20 | 5,000 | 10 | 50 | 100 |
| I0874MD1 | 5 | 1 | 5 | 20 | 200 | 500 | 20 | N | <20 | 10,000 | 10 | 50 | 100 |
| I0875MD2 | 3 | N | N | 30 | 100 | 100 | 10 | N | <20 | 5,000 | <5 | 20 | 50 |
| I0876M | 2 | N | N | 30 | 100 | 70 | 20 | N | <20 | 3,000 | <5 | <20 | 50 |
| I0877M | 3 | N | <1 | 50 | 70 | 300 | 15 | N | N | >10,000 | 10 | 30 | 200 |
| I0878M | 3 | N | N | 30 | 100 | 50 | 15 | N | 20 | 2,000 | 5 | <20 | 50 |
| I0879M | 3 | N | 5 | 100 | 100 | 500 | 15 | N | N | >10,000 | 10 | 50 | 150 |
| I0880M | 3 | N | <1 | 50 | 150 | 200 | 7 | N | N | >10,000 | 5 | <20 | 150 |
| I0882M | 3 | N | N | 20 | 100 | 100 | 15 | N | <20 | 1,000 | 10 | <20 | 100 |
| I0883M | 5 | N | N | 20 | 150 | 200 | 20 | N | <20 | 1,500 | 7 | 20 | 70 |
| I0884M | 2 | N | N | 20 | 70 | 500 | 10 | <2 | N | 10,000 | 5 | <20 | 100 |
| I0885M | 5 | <1 | N | 50 | 100 | 200 | 20 | N | N | 10,000 | 7 | 20 | 100 |
| I0886M | 5 | N | 1 | 50 | 50 | 200 | 10 | N | N | >10,000 | 7 | 50 | 150 |
| I0887M | 3 | N | N | 20 | 300 | 200 | 10 | N | <20 | 10,000 | 20 | 20 | 50 |
| I0888M | 3 | N | 2 | 20 | 100 | 200 | 15 | <1 | <20 | 2,000 | 10 | 50 | 150 |
| I0889M | 5 | N | N | 15 | 150 | 100 | 20 | N | 20 | 2,000 | 7 | <20 | 50 |
| I0890M | 2 | N | <1 | 30 | 70 | 200 | 15 | <2 | <20 | 5,000 | 10 | <20 | 100 |
| I0892M | 5 | N | N | 20 | 70 | 100 | 20 | N | <20 | 5,000 | 5 | <20 | 50 |
| I0893MD1 | 5 | N | 2 | 150 | 100 | 500 | 7 | N | N | >10,000 | 5 | 50 | 150 |
| I0894MD2 | 3 | N | N | 20 | 150 | 100 | 15 | N | 200 | 3,000 | 5 | <20 | 100 |
| I0894MD3 | 5 | N | N | 30 | 100 | 200 | 15 | <2 | N | 5,000 | 10 | 20 | 100 |
| I0895M | 5 | N | N | 30 | 70 | 200 | 10 | 2 | <20 | 5,000 | 20 | 70 | 100 |
| I0896M | 2 | N | N | 20 | 100 | 100 | 10 | N | N | 5,000 | 10 | 20 | 100 |
| I0897M | 3 | N | N | 20 | 150 | 100 | 15 | N | <20 | >10,000 | 7 | <20 | 100 |
| I0898M | 2 | N | 7 | 30 | 100 | 200 | 10 | N | N | >10,000 | 15 | 50 | 70 |
| I0899M | 5 | N | 3 | 50 | 70 | 500 | 10 | N | <20 | 10,000 | 15 | 70 | 150 |
| I0998MD1 | 5 | N | 2 | 50 | 700 | 150 | 7 | <2 | 50 | 3,000 | 20 | 50 | 200 |
| ---------- 1986 SAMPLES ---------- | | | | | | | | | | | | | |
| I1000M | 5 | N | N | 15 | 30 | 50 | 10 | N | 20 | 2,000 | 10 | N | 50 |
| I1001M | 2 | N | N | 30 | 100 | 15 | 15 | N | <20 | 1,000 | <5 | N | 50 |
| I1002M | 2 | N | N | 50 | 50 | 200 | 10 | N | 20 | 1,000 | 5 | N | 30 |
| I1003M | 1 | N | N | 20 | 70 | 20 | 7 | N | N | 1,000 | 30 | 20 | 50 |
| I1004M | 5 | N | N | 50 | 50 | 200 | 10 | N | N | 1,500 | 7 | N | 70 |
| I1005M | 5 | N | N | 70 | 100 | 100 | 7 | N | <20 | 5,000 | 15 | N | 30 |
| I1006M | 3 | N | N | 70 | 70 | 150 | 10 | N | <20 | 5,000 | 5 | N | 30 |
| I1007M | 5 | N | N | 50 | 50 | 200 | 10 | N | N | 2,000 | 7 | N | 70 |
| I1008M | 3 | N | N | 50 | 100 | 200 | 20 | N | <20 | 1,000 | 7 | N | 50 |
| I1009M | 3 | N | N | 30 | 70 | 50 | 10 | N | <20 | 700 | N | N | 20 |
| I1011M | 5 | N | N | 70 | 70 | 500 | 15 | N | <20 | 10,000 | 5 | N | 100 |
| I1012M | 5 | N | N | 70 | 100 | 500 | 10 | N | 50 | 1,000 | 10 | 150 | 70 |
| I1013M | 3 | N | N | 10 | 70 | 10 | 10 | N | <20 | 500 | 7 | N | 30 |
| I1014M | 3 | N | N | 50 | 100 | 20 | 7 | N | <20 | 5,000 | 5 | N | 50 |
| I1015M | 5 | N | N | 10 | 50 | 70 | 10 | N | 20 | 700 | <5 | N | 50 |
| I1016M | 3 | N | N | 30 | 50 | 30 | 20 | N | <20 | 500 | <5 | N | 20 |
| I1017M | 3 | N | N | 70 | 200 | 200 | 15 | N | 50 | 2,000 | 20 | 100 | 70 |
| I1018M | 3 | N | N | 50 | 100 | 200 | 10 | N | 20 | 1,000 | 5 | 100 | 50 |
| I1019M | 5 | N | N | 50 | 50 | 30 | 15 | N | 50 | 700 | <5 | <20 | 50 |
| I1020M | 5 | N | N | 50 | 70 | 300 | 15 | N | <20 | 1,500 | 5 | 20 | 30 |
| I1021M | 5 | N | N | 20 | 70 | 50 | 7 | N | N | 700 | 7 | N | 50 |
| I1022M | 5 | N | N | 50 | 100 | 50 | 20 | N | N | 1,500 | <5 | N | 30 |
| I1023MD2 | 2 | N | N | 30 | 100 | 15 | 15 | N | <20 | 700 | 5 | N | 30 |
| I1023MD3 | 2 | N | N | 30 | 100 | 100 | 10 | N | N | 500 | 5 | N | 50 |
| I1023MD4 | 5 | N | N | 50 | 100 | 150 | 15 | N | N | 500 | 7 | N | 50 |
| I1024M | 2 | N | N | 50 | 70 | 50 | 15 | N | N | 500 | 5 | N | 30 |
| I1025M | 5 | N | N | 70 | 70 | 150 | 10 | N | N | 1,500 | 5 | N | 50 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Tl-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0866MD3 | 20 | N | N | 700 | 300 | N | 100 | 1,500 | 500 | 3 | N | N | 9.2 |
| I0867MD1 | 20 | N | N | 700 | 200 | N | 50 | 1,500 | 500 | 2 | N | N | 14 |
| I0869M | 15 | N | N | 500 | 300 | N | 50 | 1,000 | 150 | 2 | N | N | 9.9 |
| I0871MD2 | 20 | N | N | 500 | 200 | N | 50 | 1,000 | 200 | 5 | N | N | 7.3 |
| I0871MD3 | 30 | N | N | 1,000 | 200 | N | 70 | 1,500 | 500 | 5 | N | N | 13 |
| I0872MD1 | 50 | N | N | 500 | 500 | N | 70 | 1,000 | 150 | 5 | N | N | 13 |
| I0873M | 20 | N | N | 500 | 200 | N | 50 | 1,000 | 200 | 3 | N | N | 11 |
| I0874MD1 | 20 | N | N | 700 | 200 | N | 50 | 1,500 | 150 | 5 | N | N | 22 |
| I0875MD2 | 10 | N | N | 200 | 500 | N | 50 | 300 | 300 | 2 | N | N | 2.8 |
| I0876M | 10 | N | N | 100 | 200 | N | 50 | 300 | 500 | 2 | N | N | 2.9 |
| I0877M | 30 | N | N | 700 | 300 | N | 50 | 2,000 | 300 | 5 | N | N | 18 |
| I0878M | 10 | N | N | 100 | 500 | N | 50 | 300 | 200 | 3 | N | N | 3.3 |
| I0879M | 20 | N | N | 1,000 | 500 | N | 100 | 2,000 | 200 | 5 | N | N | 26 |
| I0880M | 20 | N | N | 500 | 500 | N | 30 | 1,500 | 200 | 5 | N | N | 9.7 |
| I0882M | 10 | N | N | 500 | 300 | N | 20 | 1,500 | 200 | 3 | N | N | 12 |
| I0883M | 20 | N | N | 500 | 300 | N | 50 | 1,000 | 200 | 2 | N | N | 9.6 |
| I0884M | 20 | N | 5 | 500 | 200 | N | 30 | 500 | 100 | 2 | N | N | 8.1 |
| I0885M | 20 | N | N | 500 | 300 | N | 20 | 1,000 | 200 | 5 | N | N | 8.4 |
| I0886M | 15 | N | N | 500 | 500 | N | 50 | 1,000 | 150 | 10 | N | N | 9.5 |
| I0887M | 30 | N | N | 700 | 200 | N | 50 | 700 | 200 | 10 | N | N | 5.5 |
| I0888M | 20 | N | N | 700 | 300 | N | 70 | 1,500 | 200 | 5 | N | N | 14 |
| I0889M | 15 | N | N | 300 | 300 | N | 20 | 300 | 200 | 2 | N | N | 8.5 |
| I0890M | 20 | N | N | 700 | 200 | N | 50 | 1,000 | 200 | 2 | N | N | 15 |
| I0892M | 10 | N | N | 500 | 300 | N | 20 | 300 | 500 | 2 | N | N | 3.1 |
| I0893MD1 | 30 | N | N | 500 | 500 | N | 70 | 1,000 | 150 | 7 | N | N | 9.1 |
| I0894MD2 | 10 | N | N | N | 500 | N | 50 | 500 | 150 | 5 | N | N | 6.5 |
| I0894MD3 | 20 | N | N | 500 | 500 | N | 70 | 1,500 | 200 | 3 | N | N | 22 |
| I0895M | 10 | N | N | N | 300 | N | 70 | 1,000 | 100 | 3 | N | N | 21 |
| I0896M | 15 | N | N | 700 | 200 | N | 50 | 500 | 150 | 2 | N | N | 6.4 |
| I0897M | 15 | N | N | 500 | 300 | N | 20 | 200 | 200 | 2 | N | N | 7.5 |
| I0898M | 30 | N | N | 1,000 | 200 | N | 50 | 1,000 | 100 | 5 | N | N | 14 |
| I0899M | 50 | N | N | 1,000 | 300 | N | 100 | 1,500 | 200 | 7 | N | N | 23 |
| I0998MD1 | 10 | N | N | 1,000 | 300 | N | 70 | 1,500 | 70 | <2 | N | N | 27 |
| ---------- 1986 SAMPLES ---------- | | | | | | | | | | | | | |
| I1000M | 20 | N | N | 500 | 200 | N | 20 | 150 | 50 | 2 | N | N | 5.7 |
| I1001M | 15 | N | N | 300 | 200 | N | 20 | 100 | 70 | 2 | <200 | N | 1.7 |
| I1002M | 30 | N | N | 500 | 200 | N | 20 | 500 | 70 | 2 | N | N | 12 |
| I1003M | 15 | N | N | 500 | 200 | N | 20 | 100 | 50 | 7 | N | N | 4 |
| I1004M | 10 | N | N | 500 | 200 | N | 50 | 500 | 70 | 5 | N | N | 6.3 |
| I1005M | 15 | N | 10 | 300 | 200 | N | 50 | 500 | 70 | 7 | N | N | 7.1 |
| I1006M | 15 | N | N | 500 | 200 | N | 30 | 500 | 100 | 3 | <200 | N | 3.3 |
| I1007M | 10 | N | N | 700 | 200 | N | 50 | 300 | 70 | 7 | N | N | 8.3 |
| I1008M | 20 | N | N | 500 | 200 | N | 70 | 1,000 | 200 | 3 | N | N | 5.9 |
| I1009M | <10 | N | N | 300 | 200 | N | 20 | 500 | 100 | 2 | <200 | N | 3.2 |
| I1011M | 20 | N | N | 700 | 300 | N | 70 | 500 | 100 | 5 | N | N | 14 |
| I1012M | 20 | N | 10 | 500 | 300 | N | 50 | 500 | 150 | 5 | N | N | 11 |
| I1013M | 10 | N | N | 200 | 200 | N | 20 | 200 | 100 | 2 | N | N | 2.6 |
| I1014M | 15 | N | N | 300 | 200 | N | 20 | 100 | 100 | 3 | N | N | 2.7 |
| I1015M | 20 | N | N | 500 | 200 | N | 30 | 200 | 100 | 2 | N | N | 8 |
| I1016M | 10 | N | N | 700 | 150 | N | 10 | <100 | 50 | <2 | <200 | N | 1.1 |
| I1017M | 20 | N | N | 1,000 | 300 | N | 30 | 700 | 50 | 7 | <200 | N | 4.4 |
| I1018M | 15 | 100 | N | 500 | 300 | N | 30 | 200 | 150 | 5 | N | N | 4.1 |
| I1019M | 10 | N | N | 300 | 150 | N | 70 | 300 | 500 | 2 | N | N | 5.6 |
| I1020M | 15 | N | N | 700 | 200 | N | 50 | 500 | 100 | 3 | <200 | N | 5.9 |
| I1021M | <10 | N | N | 500 | 200 | N | 30 | 500 | 70 | 2 | N | N | 6.1 |
| I1022M | 15 | N | N | 500 | 200 | N | 30 | 300 | 150 | 2 | N | N | 1.7 |
| I1023MD2 | 15 | N | N | <100 | 200 | N | 20 | 500 | 100 | 2 | N | N | 1.7 |
| I1023MD3 | 20 | N | N | 500 | 200 | N | 50 | 300 | 70 | 3 | N | N | 7.6 |
| I1023MD4 | 20 | N | N | 500 | 200 | N | 50 | 300 | 100 | 3 | N | N | 7.7 |
| I1024M | 10 | N | N | 500 | 200 | N | 30 | 500 | 100 | <2 | N | N | 6.2 |
| I1025M | 15 | N | N | 700 | 200 | N | 70 | 700 | 100 | 5 | N | N | 7.9 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| I1026M | 62 45 10 | 156 30 56 | 5 | .7 | .15 | .2 | N | N | N | 500 | 1,500 |
| I1027M | 62 50 13 | 156 42 4 | 3 | .7 | .2 | .1 | N | N | N | 100 | 1,000 |
| I1028M | 62 41 24 | 157 0 35 | 2 | .7 | .2 | .3 | <.1 | N | N | 70 | 1,000 |
| I1029M | 62 44 19 | 157 2 30 | 3 | 1.5 | .2 | .2 | N | N | N | 100 | 1,000 |
| I1030M | 62 31 18 | 157 2 47 | 5 | .5 | .07 | .2 | .3 | N | N | 150 | 2,000 |
| I1031M | 62 31 34 | 156 53 0 | 5 | .3 | .15 | .05 | .3 | N | N | 70 | 2,000 |
| I1032M | 62 30 41 | 156 43 5 | 3 | 1 | .1 | .2 | N | N | N | 100 | 1,500 |
| I1033MD1 | 62 35 42 | 156 40 41 | 5 | .5 | .1 | .15 | N | N | N | 200 | 2,000 |
| I1034MD2 | 62 36 2 | 156 45 11 | 2 | .5 | .2 | .2 | .5 | N | N | 70 | 1,000 |
| I1034MD3 | 62 36 2 | 156 45 11 | 3 | .3 | .2 | .15 | .7 | N | N | 150 | 5,000 |
| I1034MD4 | 62 36 2 | 156 45 11 | 1.5 | .15 | .2 | .2 | .2 | N | N | 100 | 1,000 |
| I1035M | 62 38 37 | 156 55 12 | >5 | .7 | .15 | .07 | .2 | N | N | 100 | 3,000 |
| I1036M | 62 41 28 | 156 45 37 | 2 | .5 | .15 | .7 | .2 | N | N | 100 | 1,000 |
| I1037M | 62 43 58 | 156 35 46 | 5 | .7 | .2 | .15 | .2 | N | N | 200 | 1,500 |
| I1038M | 62 44 4 | 156 45 16 | 2 | .2 | .2 | .2 | .3 | N | N | 150 | 2,000 |
| I1039M | 62 19 53 | 156 20 21 | 5 | .5 | .15 | .07 | .3 | N | N | 50 | 1,500 |
| I1040M | 62 24 9 | 156 22 58 | 3 | .5 | .2 | .07 | .3 | N | N | 150 | 1,500 |
| I1041M | 62 25 33 | 156 18 2 | 2 | .5 | .3 | .2 | .5 | N | N | 100 | 1,500 |
| I1043MD1 | 62 17 48 | 156 7 51 | 2 | .3 | .15 | .1 | .3 | N | N | 70 | 1,000 |
| I1044MD1 | 62 15 46 | 156 25 51 | 2 | .5 | .2 | .2 | .2 | N | N | 100 | 700 |
| I1045M | 62 16 39 | 156 22 52 | 2 | .7 | .2 | .1 | .3 | N | N | 150 | 1,500 |
| I1046M | 62 4 5 | 156 13 19 | 2 | .5 | .15 | .3 | .1 | N | N | 50 | 1,000 |
| I1047M | 62 47 39 | 157 12 15 | 2 | .3 | .1 | .2 | .5 | N | N | 50 | 2,000 |
| I1048M | 62 46 17 | 157 23 43 | 2 | 1 | .15 | .1 | 2 | N | N | 100 | 2,000 |
| I1049M | 62 47 53 | 157 20 48 | 5 | .5 | .1 | .3 | 1 | N | N | 100 | 1,000 |
| I1050M | 62 51 41 | 157 16 45 | 2 | .2 | .07 | .2 | .7 | N | N | 50 | 2,000 |
| I1051M | 62 2 29 | 156 17 18 | >5 | .3 | .2 | .3 | .1 | N | N | 5 | 1,000 |
| I1052M | 62 6 41 | 156 7 37 | 2 | .5 | .2 | .1 | .5 | N | N | 70 | 1,000 |
| I1053M | 62 7 52 | 156 6 58 | 3 | .5 | .2 | 1 | .2 | N | N | 100 | 1,000 |
| I1054M | 62 11 40 | 156 6 8 | 3 | .5 | .15 | .5 | .2 | N | N | 100 | 1,000 |
| I1200M | 62 38 52 | 156 18 35 | >5 | .7 | .1 | .1 | .5 | N | N | 200 | 2,000 |
| I1202M | 62 40 34 | 156 6 38 | >5 | .3 | .15 | .2 | N | 700 | N | 200 | 1,500 |
| I1203M | 62 31 37 | 156 7 25 | 3 | 2 | .15 | .2 | N | N | N | 200 | 1,000 |
| I1204M | 62 33 18 | 156 2 39 | 5 | .2 | .3 | .15 | N | N | N | 200 | 1,500 |
| I1205M | 62 33 25 | 156 12 37 | >5 | .5 | .15 | .5 | N | <200 | N | 500 | 2,000 |
| I1206M | 62 31 51 | 156 15 40 | 5 | .5 | .1 | .2 | N | N | N | 150 | 1,000 |
| I1207M | 62 28 55 | 156 21 39 | 3 | .5 | .05 | .2 | N | N | N | 150 | 1,000 |
| I1208M | 62 28 29 | 156 27 42 | 1 | .5 | .07 | .5 | <.1 | <200 | N | 50 | 500 |
| I1209MD2 | 62 33 52 | 156 21 4 | 3 | 2 | .2 | 1 | N | N | N | 70 | 1,000 |
| I1209MD3 | 62 33 54 | 156 21 6 | 5 | .5 | .15 | .2 | .3 | N | N | 200 | 1,000 |
| I1209MD4 | 62 33 54 | 156 21 6 | 5 | .5 | .15 | .2 | N | <200 | N | 150 | 500 |
| I1210M | 62 38 8 | 156 24 8 | 2 | .7 | .3 | .1 | .1 | N | N | 150 | 1,000 |
| I1211M | 62 36 8 | 156 26 8 | 2 | .5 | .07 | .2 | N | N | N | 200 | 500 |
| I1212M | 62 43 0 | 156 26 40 | 5 | .5 | .2 | .3 | .7 | N | N | 200 | 2,000 |
| I1213M | 62 43 37 | 156 12 22 | 2 | .1 | .1 | .3 | <.1 | N | N | 100 | 1,000 |
| I1214M | 62 45 24 | 156 21 29 | 3 | .7 | .15 | .3 | .3 | N | N | 100 | 1,000 |
| I1215M | 62 47 54 | 156 11 28 | 1 | .5 | .07 | .3 | <.1 | 200 | N | 50 | 300 |
| I1216M | 62 51 41 | 156 4 3 | 5 | .5 | .2 | .1 | .5 | N | N | 100 | 1,000 |
| I1217M | 62 52 4 | 156 16 38 | 3 | .7 | .3 | 1 | N | N | N | 50 | 700 |
| I1218MD2 | 62 53 56 | 156 7 40 | 2 | 1 | .3 | .2 | N | N | N | 100 | 700 |
| I1218MD3 | 62 53 58 | 156 7 42 | 5 | .7 | .1 | .2 | <.1 | N | N | 100 | 1,000 |
| I1218MD4 | 62 53 58 | 156 7 42 | 3 | .7 | .2 | .1 | N | <200 | N | 150 | 300 |
| I1219M | 62 53 16 | 156 0 39 | 2 | 1 | .2 | .3 | N | N | N | 200 | 1,000 |
| I1220M | 62 58 30 | 156 5 51 | 2 | 1 | .15 | .3 | N | N | N | 200 | 1,000 |
| I1221MD2 | 62 56 54 | 156 14 25 | 2 | .5 | .2 | .15 | .1 | N | N | 100 | 1,000 |
| I1221MD3 | 62 56 52 | 156 14 27 | 2 | .5 | .2 | .2 | .2 | N | N | 100 | 1,000 |
| I1222M | 62 59 9 | 156 23 9 | 3 | .5 | .15 | .3 | .2 | N | N | 100 | 1,000 |
| I1223M | 62 53 21 | 156 17 57 | 2 | .5 | .1 | .2 | .1 | N | N | 100 | 500 |
| I1224M | 62 51 1 | 156 23 39 | 2 | 1 | .1 | .2 | N | N | N | 200 | 1,500 |
| I1225M | 62 47 32 | 156 19 22 | 3 | .2 | .3 | .5 | N | N | N | 150 | 1,000 |

**Table 3.** Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I1026M | 7 | N | N | 30 | 50 | 200 | 10 | N | N | 700 | 5 | N | 70 |
| I1027M | 1 | N | N | 50 | 50 | 10 | 10 | N | N | >10,000 | <5 | N | 30 |
| I1028M | 2 | N | N | 50 | 200 | 100 | 15 | N | <20 | 3,000 | <5 | N | 100 |
| I1029M | 1 | N | N | 70 | 1,000 | 20 | 15 | N | N | 3,000 | 5 | N | 100 |
| I1030M | 5 | N | N | 50 | 100 | 70 | 15 | N | N | 1,500 | <5 | N | 50 |
| I1031M | 5 | N | N | 50 | 70 | 500 | 20 | N | N | >10,000 | <5 | 70 | 70 |
| I1032M | 5 | N | N | 50 | 70 | 50 | 15 | N | N | 1,000 | <5 | <20 | 50 |
| I1033MD1 | 5 | N | N | 100 | 100 | 200 | 7 | N | N | 2,000 | 10 | N | 30 |
| I1034MD2 | 2 | N | N | 30 | 50 | 1,000 | 10 | N | <20 | 500 | <5 | 20 | 70 |
| I1034MD3 | 3 | N | N | 50 | 50 | 700 | 15 | N | <20 | 500 | 15 | 70 | 70 |
| I1034MD4 | 2 | N | N | 30 | 100 | 70 | 15 | N | N | 500 | 7 | N | 50 |
| I1035M | 3 | N | N | 30 | 50 | 700 | 20 | N | N | 10,000 | 5 | 20 | 70 |
| I1036M | 2 | N | N | 30 | 100 | 50 | 20 | N | 20 | 1,000 | <5 | 20 | 50 |
| I1037M | 5 | N | N | 50 | 150 | 200 | 20 | N | N | >10,000 | 5 | 70 | 70 |
| I1038M | 2 | N | N | 20 | 100 | 200 | 15 | N | N | 1,000 | 7 | N | 50 |
| I1039M | 5 | N | N | 30 | 50 | 1,000 | 30 | N | <20 | 5,000 | <5 | 20 | 70 |
| I1040M | 2 | N | N | 30 | 70 | 200 | 10 | N | N | 2,000 | 7 | 20 | 50 |
| I1041M | 5 | N | N | 30 | 70 | 500 | 20 | N | <20 | 7,000 | 5 | <20 | 70 |
| I1043MD1 | 3 | N | N | 50 | 70 | 30 | 20 | N | 20 | 1,000 | <5 | 50 | 70 |
| I1044MD1 | 1 | N | N | 20 | 100 | 200 | 10 | N | N | 1,000 | 5 | N | 50 |
| I1045M | 1 | N | N | 20 | 50 | 1,000 | 15 | N | N | 1,000 | 7 | <20 | 50 |
| I1046M | 2 | N | N | 20 | 100 | 50 | 15 | N | N | 1,000 | <5 | <20 | 20 |
| I1047M | 2 | N | N | 20 | 100 | 100 | 15 | N | N | 5,000 | <5 | N | 20 |
| I1048M | 3 | N | N | 50 | 100 | 500 | 15 | N | N | 7,000 | <5 | 70 | 30 |
| I1049M | 7 | N | N | 70 | 100 | 500 | 15 | N | <20 | >10,000 | 5 | 100 | 30 |
| I1050M | 5 | N | N | 20 | 100 | 200 | 15 | N | 20 | 300 | <5 | 20 | 20 |
| I1051M | 3 | N | N | 50 | 100 | 200 | 10 | N | 20 | 10,000 | <5 | 20 | 30 |
| I1052M | .5 | N | N | 30 | 50 | 500 | 10 | N | N | 5,000 | <5 | <20 | 20 |
| I1053M | 2 | N | N | 20 | 70 | 100 | 20 | N | N | 2,000 | <5 | <20 | 30 |
| I1054M | 3 | N | N | 30 | 150 | 150 | 15 | N | 20 | 700 | 5 | <20 | 20 |
| I1200M | 7 | N | N | 70 | 70 | 300 | 15 | N | 20 | 5,000 | <5 | 150 | 70 |
| I1202M | 5 | N | N | 50 | 100 | 150 | 15 | N | <20 | 1,000 | 7 | 100 | 50 |
| I1203M | 5 | N | N | 50 | 50 | 150 | 10 | N | 30 | 700 | <5 | 150 | 70 |
| I1204M | 10 | N | N | 100 | 70 | 200 | 15 | N | N | 5,000 | <5 | 100 | 70 |
| I1205M | 5 | N | N | 100 | 70 | 300 | 3 | N | 30 | 7,000 | 15 | 100 | 30 |
| I1206M | 5 | N | N | 50 | 70 | 200 | 15 | N | N | 2,000 | 10 | 70 | 50 |
| I1207M | 3 | N | N | 20 | 100 | 50 | 10 | N | N | 1,000 | <5 | N | 20 |
| I1208M | 3 | N | N | 5 | 100 | 5 | 10 | N | <20 | 500 | <5 | N | 30 |
| I1209MD2 | 5 | N | N | 50 | 50 | 70 | 10 | N | 50 | 700 | <5 | 20 | 50 |
| I1209MD3 | 3 | N | N | 70 | 70 | 200 | 15 | N | N | 5,000 | <5 | 50 | 70 |
| I1209MD4 | 2 | N | N | 30 | 50 | 30 | 15 | N | <20 | 5,000 | 7 | N | 50 |
| I1210M | 3 | N | N | 30 | 70 | 100 | 15 | N | N | 5,000 | 5 | 20 | 50 |
| I1211M | 3 | N | N | 30 | 70 | 100 | 5 | N | <20 | 7,000 | 10 | <20 | 50 |
| I1212M | 5 | N | N | 70 | 50 | 500 | 15 | N | 50 | 1,000 | 5 | 100 | 70 |
| I1213M | 2 | N | N | 30 | 50 | 7 | 15 | N | <20 | 500 | 5 | N | 20 |
| I1214M | 2 | N | N | 50 | 70 | 100 | 10 | N | <20 | 5,000 | <5 | N | 50 |
| I1215M | 3 | N | N | 15 | 100 | 10 | 5 | N | <20 | 2,000 | N | N | 50 |
| I1216M | 5 | N | N | 50 | 100 | 1,000 | 20 | N | N | 10,000 | 5 | 100 | 70 |
| I1217M | 1.5 | N | N | 50 | 70 | 30 | 15 | N | N | 700 | <5 | N | 10 |
| I1218MD2 | 5 | N | N | 50 | 70 | 50 | 15 | N | <20 | 700 | 5 | <20 | 50 |
| I1218MD3 | 2 | N | N | 50 | 200 | 100 | 7 | N | N | 1,000 | 7 | N | 50 |
| I1218MD4 | 1 | N | N | 10 | 50 | 30 | 15 | N | <20 | 5,000 | 5 | N | 30 |
| I1219M | 3 | N | N | 30 | 70 | 100 | 10 | N | 30 | 500 | 5 | <20 | 50 |
| I1220M | 5 | N | N | 30 | 50 | 100 | 15 | N | 20 | 500 | <5 | 20 | 70 |
| I1221MD2 | 1.5 | N | N | 20 | 100 | 200 | 20 | N | <20 | 700 | <5 | N | 70 |
| I1221MD3 | 2 | N | N | 20 | 70 | 200 | 20 | N | N | 500 | 5 | <20 | 50 |
| I1222M | 2 | N | N | 30 | 500 | 70 | 15 | N | N | 700 | <5 | N | 50 |
| I1223M | 3 | N | N | 10 | 50 | 20 | 10 | N | <20 | 1,000 | 5 | N | 50 |
| I1224M | 5 | N | N | 30 | 70 | 70 | 15 | N | N | 1,000 | <5 | <20 | 50 |
| I1225M | 3 | N | N | 70 | 50 | 100 | 15 | N | 50 | 1,000 | <5 | 50 | 50 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Tl-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I1026M | 10 | N | N | 500 | 200 | N | 100 | 200 | 100 | 3 | N | N | 8 |
| I1027M | 10 | N | N | 200 | 150 | N | <10 | 300 | 30 | 2 | N | N | 2.3 |
| I1028M | 10 | 100 | N | 500 | 300 | N | 50 | 200 | 70 | 2 | N | N | 6.7 |
| I1029M | 10 | 100 | N | 300 | 300 | N | 10 | 500 | 100 | 2 | N | N | 1.9 |
| I1030M | 10 | N | N | 500 | 200 | N | 30 | 300 | 100 | 3 | N | N | 1.9 |
| I1031M | 20 | N | N | 700 | 300 | N | 200 | 300 | 70 | 7 | N | N | 7.3 |
| I1032M | 10 | N | N | 100 | 200 | N | 30 | 500 | 70 | 3 | N | N | 1.2 |
| I1033MD1 | 15 | N | N | 500 | 200 | N | 30 | 700 | 100 | 7 | N | N | 6.9 |
| I1034MD2 | 15 | N | N | 700 | 200 | N | 70 | 300 | 100 | 5 | N | N | 8.9 |
| I1034MD3 | 15 | N | N | 500 | 200 | N | 70 | 300 | 70 | 3 | N | N | 8.8 |
| I1034MD4 | 15 | N | N | 200 | 200 | N | 50 | 500 | 100 | 2 | N | N | 1.5 |
| I1035M | 20 | N | N | 700 | 200 | N | 100 | 500 | 70 | 5 | <200 | N | 10 |
| I1036M | 15 | N | N | 200 | 200 | N | 100 | 200 | 200 | 3 | N | N | 1.9 |
| I1037M | 20 | N | N | 500 | 300 | N | 70 | 300 | 100 | 5 | N | N | 8.1 |
| I1038M | 20 | N | N | 500 | 200 | N | 50 | 500 | 70 | 2 | N | N | 7.5 |
| I1039M | 20 | N | N | 700 | 200 | N | 150 | 300 | 70 | 7 | N | N | 6.5 |
| I1040M | 15 | N | N | 500 | 200 | N | 50 | 200 | 100 | 3 | N | N | 7.6 |
| I1041M | 15 | N | N | 500 | 200 | N | 70 | 300 | 70 | 3 | N | N | 3.6 |
| I1043MD1 | 20 | N | N | 200 | 200 | N | 100 | 200 | 150 | 5 | N | N | 5.9 |
| I1044MD1 | 15 | N | N | 700 | 200 | N | 50 | 200 | 100 | 3 | N | N | 15 |
| I1045M | 20 | N | N | 700 | 150 | N | 100 | 300 | 70 | 2 | N | N | 16 |
| I1046M | 10 | N | N | 700 | 200 | N | 50 | 300 | 200 | 2 | N | N | 3.2 |
| I1047M | 15 | N | N | 500 | 200 | N | 50 | 500 | 100 | 3 | N | N | .65 |
| I1048M | 20 | N | N | 700 | 200 | N | 70 | 500 | 50 | 5 | N | N | .85 |
| I1049M | 20 | N | N | 700 | 300 | N | 100 | 500 | 70 | 7 | N | N | 5.5 |
| I1050M | 20 | N | N | 500 | 300 | N | 70 | 300 | 100 | 7 | N | N | .85 |
| I1051M | 15 | N | N | 300 | 300 | N | 70 | 300 | 150 | 10 | N | N | 3.9 |
| I1052M | 15 | N | N | 500 | 200 | N | 50 | 300 | 50 | 2 | N | N | .8 |
| I1053M | 10 | N | N | 500 | 300 | N | 30 | 300 | 200 | 3 | N | N | 1.9 |
| I1054M | 15 | N | N | 500 | 200 | N | 50 | <100 | 150 | 5 | N | N | 3.9 |
| I1200M | 20 | N | N | 500 | 200 | N | 100 | 500 | 100 | 3 | N | N | 7 |
| I1202M | 15 | N | N | 500 | 300 | N | 30 | 300 | 150 | 3 | <200 | N | 5.2 |
| I1203M | 10 | N | N | 300 | 200 | N | 100 | 500 | 70 | 3 | N | N | 7.3 |
| I1204M | 10 | 50 | N | 500 | 200 | N | 70 | 300 | 100 | 5 | N | N | 4.7 |
| I1205M | 20 | N | N | 500 | 200 | N | 50 | 500 | 150 | 5 | N | N | 11 |
| I1206M | 15 | N | N | 500 | 300 | N | 50 | 500 | 100 | 7 | N | N | 2.6 |
| I1207M | <10 | N | N | 150 | 300 | N | 10 | 500 | 100 | 3 | N | N | 3.1 |
| I1208M | 10 | N | N | 200 | 200 | N | 15 | 150 | 100 | 2 | N | N | 6.5 |
| I1209MD2 | <10 | N | N | 300 | 200 | N | 70 | 300 | 200 | 2 | N | N | 1.6 |
| I1209MD3 | 20 | N | N | 300 | 200 | N | 50 | 500 | 70 | 5 | <200 | N | 2.9 |
| I1209MD4 | 10 | N | 7 | 500 | 200 | N | 20 | 150 | 100 | 3 | N | N | 3.3 |
| I1210M | 15 | N | N | 500 | 200 | N | 50 | 500 | 100 | 3 | N | N | 3.3 |
| I1211M | 20 | N | N | 500 | 200 | N | 50 | 150 | 70 | 2 | N | N | 11 |
| I1212M | 20 | N | N | 500 | 100 | N | 100 | 200 | 100 | 5 | N | N | 7.7 |
| I1213M | 15 | N | N | 200 | 200 | N | 20 | 100 | 200 | <2 | <200 | N | 5.1 |
| I1214M | 10 | N | N | 500 | 300 | N | 50 | 500 | 150 | 2 | N | N | 1.8 |
| I1215M | 15 | N | N | 300 | 200 | N | 30 | 100 | 100 | 2 | N | N | 3.7 |
| I1216M | 20 | N | N | 500 | 300 | N | 70 | 300 | 100 | 5 | N | N | 6.3 |
| I1217M | 15 | N | N | 500 | 200 | N | 10 | 200 | 20 | 2 | N | N | 4.3 |
| I1218MD2 | <10 | <50 | N | 300 | 200 | N | 50 | 300 | 100 | <2 | N | N | 3.4 |
| I1218MD3 | 10 | N | N | 500 | 300 | N | 15 | 500 | 150 | 3 | N | N | 3.8 |
| I1218MD4 | 15 | N | N | 500 | 200 | N | 15 | 150 | 70 | 2 | N | N | 3.3 |
| I1219M | 10 | N | N | 300 | 200 | N | 70 | 300 | 150 | 2 | N | N | 4 |
| I1220M | 15 | N | N | 300 | 200 | N | 70 | 300 | 100 | <2 | N | N | 2 |
| I1221MD2 | 15 | N | N | 500 | 200 | N | 70 | 200 | 50 | 3 | N | N | 5.4 |
| I1221MD3 | 20 | N | <5 | 500 | 200 | N | 50 | 300 | 100 | 3 | N | N | 6.6 |
| I1222M | 15 | N | N | 300 | 200 | N | <10 | 500 | 100 | <2 | N | N | 1.7 |
| I1223M | 15 | N | N | 700 | 200 | N | 20 | 100 | 100 | 2 | N | N | 8 |
| I1224M | 10 | N | N | 300 | 200 | N | 50 | 700 | 100 | <2 | N | N | 3.9 |
| I1225M | 10 | N | N | 500 | 200 | N | 70 | 300 | 150 | 2 | N | N | 1.9 |

**Table 3.** Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| I1226MD2 | 62 49 20 | 156 31 31 | 5 | .7 | .15 | .1 | .2 | N | N | 500 | 1,500 |
| I1226MD3 | 62 49 22 | 156 31 33 | 1.5 | .7 | .07 | .2 | N | N | N | 100 | 1,000 |
| I1226MD4 | 62 49 22 | 156 31 33 | 5 | 1 | .15 | .1 | .1 | N | N | 100 | 1,500 |
| I1227M | 62 48 30 | 156 37 4 | 5 | .7 | .2 | .3 | <.1 | N | N | 200 | 1,500 |
| I1228M | 62 47 49 | 156 44 9 | 2 | .5 | .15 | .3 | N | N | N | 150 | 1,000 |
| I1229M | 62 37 8 | 157 7 32 | 3 | .5 | .2 | .2 | N | N | N | 150 | 3,000 |
| I1230M | 62 40 45 | 157 6 50 | 2 | .5 | .3 | .5 | N | N | N | 70 | 1,500 |
| I1231M | 62 38 54 | 157 7 33 | 5 | .3 | .15 | .5 | N | N | N | 200 | 700 |
| I1232M | 62 33 44 | 156 56 28 | 5 | .7 | .07 | .3 | .7 | N | N | 200 | 1,500 |
| I1233M | 62 34 17 | 156 52 40 | 3 | .5 | .2 | .1 | .3 | N | N | 200 | 2,000 |
| I1234MD2 | 62 35 6 | 156 44 35 | 2 | .5 | .2 | .15 | .2 | N | N | 100 | 1,500 |
| I1234MD3 | 62 35 6 | 156 44 37 | 3 | .5 | .2 | .07 | .3 | N | N | 100 | 1,500 |
| I1234MD4 | 62 35 6 | 156 44 37 | 3 | .2 | .2 | .2 | .7 | N | N | 150 | 1,500 |
| I1235M | 62 24 58 | 156 32 35 | 3 | .3 | .2 | .2 | .2 | N | N | 150 | 1,000 |
| I1236M | 62 29 27 | 156 38 50 | 3 | .3 | .3 | .15 | .7 | N | N | 50 | 1,000 |
| I1237M | 62 30 30 | 156 43 46 | 3 | .7 | .15 | .07 | .5 | N | N | 150 | 3,000 |
| I1238M | 62 29 42 | 156 31 30 | 2 | .5 | .15 | .1 | .3 | N | N | 100 | 10,000 |
| I1239MD1 | 62 35 44 | 156 32 30 | 3 | .3 | .2 | .1 | .3 | N | N | 100 | 1,000 |
| I1240MD2 | 62 37 26 | 156 30 52 | 3 | .3 | .3 | .15 | .3 | N | N | 100 | 1,000 |
| I1240MD3 | 62 37 27 | 156 30 51 | 3 | .3 | .15 | .2 | <.1 | N | N | 50 | 1,000 |
| I1240MD4 | 62 37 27 | 156 30 51 | 2 | .2 | .15 | .5 | .2 | N | N | 70 | 700 |
| I1241M | 62 39 2 | 156 43 0 | 2 | .5 | .15 | .1 | .2 | N | N | 100 | 2,000 |
| I1242M | 62 15 3 | 156 18 5 | 3 | .5 | .1 | .05 | .15 | N | N | 50 | 1,500 |
| I1243M | 62 21 2 | 156 24 12 | 2 | .2 | .1 | .3 | .2 | N | N | 70 | 1,500 |
| I1244M | 62 21 40 | 156 18 37 | 3 | .5 | .2 | .15 | .15 | N | N | 100 | 1,500 |
| I1245M | 62 19 13 | 156 14 31 | 5 | .3 | .2 | .1 | .2 | N | N | 70 | 1,000 |
| I1246MD2 | 62 18 31 | 156 5 48 | 3 | .5 | .2 | .2 | .3 | N | N | 100 | 1,500 |
| I1246MD3 | 62 18 32 | 156 5 49 | 3 | .1 | .15 | .1 | N | N | N | 100 | 700 |
| I1246MD4 | 62 18 32 | 156 5 49 | 3 | .3 | .15 | .07 | .5 | N | N | 150 | 3,000 |
| I1247MD2 | 62 16 19 | 156 27 12 | 3 | .3 | .2 | .15 | .3 | N | N | 200 | 2,000 |
| I1247MD3 | 62 16 20 | 156 27 13 | 3 | .3 | .2 | .15 | .3 | N | N | 150 | 2,000 |
| I1247MD4 | 62 16 20 | 156 27 13 | 3 | .3 | .15 | .1 | .5 | N | N | 150 | 1,500 |
| I1248M | 62 18 31 | 156 25 58 | 5 | .5 | .2 | .05 | .2 | N | N | 100 | 1,000 |
| I1249M | 62 18 55 | 156 32 12 | 1 | 1 | .2 | .07 | .3 | N | N | 150 | 1,000 |
| I1250M | 62 13 33 | 156 23 38 | 3 | .7 | .1 | .1 | .2 | N | N | 100 | 1,500 |
| I1251M | 62 10 20 | 156 22 10 | 1.5 | .5 | .2 | .1 | .2 | N | N | 100 | 1,000 |
| I1252M | 62 6 59 | 156 21 9 | 2 | .5 | .2 | .1 | .3 | N | N | 150 | 1,000 |
| I1253MD2 | 62 6 9 | 156 16 5 | 2 | .5 | .2 | .5 | .2 | N | N | 50 | 1,000 |
| I1253MD3 | 62 6 10 | 156 16 6 | 3 | .7 | .15 | .15 | .2 | N | N | 70 | 1,000 |
| I1253MD4 | 62 6 10 | 156 16 6 | 2 | .7 | .15 | .07 | .3 | N | N | 100 | 1,000 |
| I1254M | 62 3 18 | 156 22 9 | 3 | .5 | .15 | .2 | .2 | N | N | 70 | 1,000 |
| I1255M | 62 2 25 | 156 7 49 | 2 | .5 | .15 | .2 | .3 | N | N | 50 | 1,000 |
| I1256MD2 | 62 3 40 | 156 5 50 | 3 | .5 | .15 | .2 | .3 | N | N | 150 | 1,000 |
| I1256MD3 | 62 3 39 | 156 5 49 | 5 | .7 | .2 | .3 | .3 | N | N | 70 | 1,500 |
| I1256MD4 | 62 3 39 | 156 5 49 | 3 | .5 | .2 | .2 | .3 | N | N | 70 | 1,500 |
| I1257M | 62 5 30 | 156 4 48 | 2 | .5 | .1 | .07 | .5 | N | N | 100 | 1,500 |
| I1258M | 62 10 14 | 156 2 18 | 2 | .5 | .15 | .2 | .3 | N | N | 50 | 1,000 |
| I1259M | 62 11 13 | 156 13 11 | >5 | .7 | .3 | >1 | .5 | N | N | 70 | 1,500 |
| I1260MD2 | 62 13 4 | 156 2 34 | 3 | .5 | .1 | .1 | .5 | N | N | 100 | 1,000 |
| I1260MD3 | 62 13 3 | 156 2 33 | 3 | .5 | .15 | .1 | .2 | N | N | 100 | 1,000 |
| I1260MD4 | 62 13 3 | 156 2 33 | 3 | .5 | .15 | .3 | .2 | N | N | 70 | 1,000 |
| I1261M | 62 14 5 | 156 9 59 | 2 | .5 | .1 | .5 | .2 | N | N | 100 | 1,000 |
| I1262M | 62 15 33 | 156 4 31 | 2 | .5 | .1 | .1 | .3 | N | N | 50 | 1,000 |
| I1263M | 62 20 28 | 156 6 47 | 3 | .7 | .15 | .05 | .5 | N | N | 150 | 1,500 |
| I1264M | 62 26 41 | 156 9 15 | 2 | .5 | .2 | .2 | .2 | N | N | 50 | 1,000 |
| I1265M | 62 29 31 | 156 8 51 | 3 | .7 | .2 | .2 | .5 | N | N | 150 | 1,500 |
| I1266M | 62 26 36 | 156 55 56 | 1.5 | .7 | .2 | .2 | .3 | N | N | 150 | 700 |
| I1267M | 62 24 31 | 157 1 52 | .5 | .7 | .2 | .1 | .3 | N | N | 100 | 500 |
| I1268M | 62 24 8 | 156 58 41 | 2 | .7 | .7 | .1 | .5 | N | N | 150 | 700 |
| I1269M | 62 17 3 | 156 52 52 | 3 | .5 | .15 | .15 | .3 | N | N | 200 | 1,000 |

**Table 3.** Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I1226MD2 | 5 | N | N | 50 | 70 | 150 | 5 | N | <20 | 1,500 | 10 | 70 | 30 |
| I1226MD3 | 3 | N | N | 20 | 100 | 20 | 10 | N | N | 1,000 | <5 | N | 30 |
| I1226MD4 | 3 | N | N | 20 | 50 | 100 | 10 | N | N | 1,000 | N | N | 20 |
| I1227M | 3 | N | N | 50 | 70 | 70 | 15 | N | N | 700 | 5 | N | 50 |
| I1228M | 2 | N | N | 20 | 100 | 20 | 10 | N | <20 | 700 | <5 | N | 20 |
| I1229M | 5 | N | N | 70 | 70 | 70 | 15 | N | N | 2,000 | 5 | <20 | 70 |
| I1230M | 3 | N | N | 50 | 70 | 20 | 15 | N | N | 700 | <5 | N | 150 |
| I1231M | 2 | N | N | 30 | 300 | 30 | 10 | N | N | 3,000 | <5 | N | 70 |
| I1232M | 3 | N | N | 50 | 150 | 70 | 10 | N | <20 | 1,000 | 5 | N | 50 |
| I1233M | 2 | N | N | 50 | 100 | 200 | 20 | N | N | 10,000 | 7 | 50 | 70 |
| I1234MD2 | 5 | N | N | 50 | 70 | 200 | 20 | N | <20 | 10,000 | <5 | 20 | 50 |
| I1234MD3 | 5 | N | N | 50 | 70 | 200 | 10 | N | N | 5,000 | <5 | 50 | 70 |
| I1234MD4 | 5 | N | N | 50 | 100 | 300 | 15 | N | N | 7,000 | 7 | <20 | 50 |
| I1235M | 3 | N | N | 30 | 100 | 150 | 15 | N | N | 5,000 | 5 | <20 | 50 |
| I1236M | 5 | N | N | 30 | 70 | 300 | 30 | N | 50 | 500 | <5 | 70 | 70 |
| I1237M | 2 | N | N | 30 | 50 | 300 | 15 | N | N | 1,000 | 5 | 70 | 70 |
| I1238M | 5 | 5 | N | 50 | 70 | 1,500 | 10 | N | <20 | 10,000 | <5 | 30 | 50 |
| I1239MD1 | 5 | N | N | 30 | 70 | 200 | 20 | N | 20 | 3,000 | <5 | 30 | 50 |
| I1240MD2 | 2 | N | N | 70 | 50 | 200 | 15 | N | N | 7,000 | 10 | N | 50 |
| I1240MD3 | 2 | N | N | 70 | 70 | 30 | 20 | N | N | 1,000 | <5 | <20 | 50 |
| I1240MD4 | 2 | N | N | 70 | 100 | 30 | 15 | N | <20 | 700 | <5 | 20 | 50 |
| I1241M | 3 | N | N | 70 | 70 | 200 | 10 | N | N | >10,000 | 7 | 50 | 50 |
| I1242M | <.5 | N | N | 20 | 30 | 200 | 50 | N | N | 10,000 | 5 | N | 70 |
| I1243M | 3 | N | N | 30 | 100 | 50 | 15 | N | <20 | 1,000 | <5 | <20 | 50 |
| I1244M | 3 | N | N | 20 | 100 | 150 | 10 | N | N | 2,000 | <5 | 50 | 50 |
| I1245M | 3 | N | N | 50 | 100 | 150 | 10 | N | N | 10,000 | <5 | <20 | 70 |
| I1246MD2 | 5 | N | N | 30 | 100 | 300 | 10 | N | N | 2,000 | <5 | 50 | 70 |
| I1246MD3 | 1 | N | N | 50 | 100 | 1,500 | 5 | N | N | >10,000 | <5 | N | 50 |
| I1246MD4 | 5 | N | N | 50 | 100 | 200 | 10 | N | N | >10,000 | <5 | 70 | 70 |
| I1247MD2 | 1.5 | N | N | 30 | 50 | 700 | 10 | N | N | 500 | 10 | N | 70 |
| I1247MD3 | 1.5 | 7 | N | 30 | 70 | 700 | 10 | N | N | 700 | 20 | <20 | 70 |
| I1247MD4 | 1 | 5 | N | 30 | 70 | 500 | 10 | N | N | 700 | 15 | N | 50 |
| I1248M | 2 | N | N | 30 | 70 | 500 | 10 | N | N | 1,000 | 5 | 20 | 30 |
| I1249M | 1 | N | N | 20 | 50 | 200 | 10 | N | N | 2,000 | <5 | N | 50 |
| I1250M | 3 | N | N | 50 | 70 | 200 | 7 | N | 50 | 10,000 | <5 | 20 | 70 |
| I1251M | 1.5 | <1 | N | 15 | 70 | 700 | 20 | N | N | 1,000 | 5 | <20 | 50 |
| I1252M | 2 | N | N | 20 | 70 | 70 | 10 | N | N | 3,000 | <5 | N | 50 |
| I1253MD2 | 2 | N | N | 15 | 200 | 30 | 15 | N | <20 | 700 | <5 | <20 | 20 |
| I1253MD3 | 1.5 | N | N | 20 | 70 | 200 | 7 | N | N | 7,000 | 5 | N | 30 |
| I1253MD4 | 2 | N | N | 20 | 70 | 500 | 7 | N | 20 | 5,000 | 5 | N | 50 |
| I1254M | 3 | N | N | 20 | 100 | 100 | 15 | N | N | 1,500 | 5 | N | 30 |
| I1255M | 3 | 7 | N | 30 | 100 | 150 | 15 | N | <20 | 5,000 | 5 | <20 | 20 |
| I1256MD2 | 3 | N | N | 70 | 100 | 150 | 15 | N | 20 | >10,000 | 5 | 20 | 30 |
| I1256MD3 | 2 | N | N | 50 | 100 | 500 | 15 | N | N | 7,000 | <5 | N | 30 |
| I1256MD4 | 3 | N | N | 50 | 100 | 300 | 15 | N | N | 7,000 | <5 | <20 | 30 |
| I1257M | 2 | N | N | 30 | 50 | 500 | 10 | N | N | 7,000 | 5 | N | 30 |
| I1258M | 2 | N | N | 30 | 70 | 100 | 10 | N | N | 5,000 | <5 | N | 30 |
| I1259M | 1 | N | N | 70 | 100 | 150 | 20 | N | <20 | 10,000 | <5 | 20 | 50 |
| I1260MD2 | 3 | N | N | 50 | 100 | 1,000 | 5 | N | N | 7,000 | <5 | 20 | 70 |
| I1260MD3 | 3 | N | N | 20 | 70 | 500 | 7 | N | N | 7,000 | <5 | <20 | 50 |
| I1260MD4 | 5 | N | N | 20 | 70 | 300 | 10 | N | N | 7,000 | 5 | N | 50 |
| I1261M | 3 | N | N | 30 | 100 | 70 | 15 | N | <20 | 1,500 | 5 | N | 20 |
| I1262M | 5 | N | N | 50 | 100 | 100 | 15 | N | N | 10,000 | 5 | N | 30 |
| I1263M | 3 | N | N | 50 | 70 | 200 | 7 | N | 70 | 10,000 | 5 | N | 50 |
| I1264M | 1.5 | N | N | 20 | 150 | 100 | 15 | N | <20 | 700 | <5 | <20 | 20 |
| I1265M | 3 | N | N | 50 | 100 | 1,000 | 15 | N | <20 | 5,000 | <5 | N | 30 |
| I1266M | 1 | N | N | 20 | 50 | 150 | 20 | N | N | 1,500 | 5 | N | 50 |
| I1267M | 1 | N | 20 | 20 | 50 | 100 | 5 | N | N | 700 | 10 | N | 70 |
| I1268M | 2 | N | 10 | 30 | 50 | 150 | 20 | N | N | 7,000 | 7 | N | 50 |
| I1269M | 3 | N | <1 | 50 | 70 | 200 | 10 | N | N | 7,000 | 7 | <20 | 50 |

**Table 3.** Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Tl-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I1226MD2 | 15 | N | N | 700 | 200 | N | 30 | 300 | 100 | 3 | N | N | 23 |
| I1226MD3 | 10 | N | N | 200 | 300 | N | 50 | 500 | 100 | 2 | N | N | 6.9 |
| I1226MD4 | 10 | N | N | 500 | 150 | N | 15 | 300 | 50 | 2 | <200 | N | 8.5 |
| I1227M | 10 | N | N | 500 | 150 | N | 30 | 300 | 100 | 2 | N | N | 5.5 |
| I1228M | <10 | N | N | 200 | 300 | N | 10 | 500 | 100 | 3 | <200 | N | 2.1 |
| I1229M | 10 | 70 | N | 500 | 20 | N | 50 | 500 | 50 | 3 | N | N | 4.2 |
| I1230M | <10 | N | N | 500 | 200 | N | 20 | 200 | 70 | 2 | N | N | 1.3 |
| I1231M | 15 | N | N | 200 | 300 | N | 10 | 300 | 100 | 3 | <200 | N | 1.6 |
| I1232M | 15 | N | N | 300 | 200 | N | 20 | 700 | 100 | <2 | N | N | 3.5 |
| I1233M | 15 | N | N | 500 | 200 | N | 50 | 300 | 70 | 3 | N | N | 10 |
| I1234MD2 | 20 | N | N | 300 | 200 | N | 70 | 300 | 100 | 5 | N | N | 2.8 |
| I1234MD3 | 20 | N | N | 200 | 200 | N | 50 | 500 | 70 | 5 | N | N | 6.4 |
| I1234MD4 | 20 | N | N | 500 | 200 | N | 70 | 300 | 100 | 3 | N | N | 7 |
| I1235M | 10 | N | N | 500 | 200 | N | 50 | 500 | 70 | 3 | N | N | 6.5 |
| I1236M | 20 | N | N | 500 | 300 | N | 150 | <100 | 150 | 5 | N | N | 4.2 |
| I1237M | 30 | N | N | 700 | 150 | N | 150 | 100 | 50 | 2 | N | N | 17 |
| I1238M | 20 | N | N | 500 | 200 | N | 70 | 500 | 50 | 5 | N | N | 8.5 |
| I1239MD1 | 20 | N | N | 300 | 300 | N | 70 | 200 | 100 | 5 | N | N | 4.3 |
| I1240MD2 | 15 | N | N | 700 | 200 | N | 50 | 500 | 50 | 3 | N | N | 4.5 |
| I1240MD3 | 15 | N | N | 100 | 200 | N | 150 | 200 | 50 | 3 | N | N | 1.6 |
| I1240MD4 | 10 | N | N | <100 | 200 | N | 100 | 200 | 150 | 3 | N | N | 2.3 |
| I1241M | 20 | N | N | 500 | 200 | N | 70 | 300 | 70 | 5 | N | N | 13 |
| I1242M | 15 | N | N | 700 | 150 | N | 100 | 200 | 100 | 5 | N | N | 5 |
| I1243M | 15 | N | N | 200 | 200 | N | 100 | 200 | 150 | 3 | N | N | 3.9 |
| I1244M | 20 | N | N | 500 | 200 | N | 50 | 200 | 150 | 3 | N | N | 4.7 |
| I1245M | 15 | N | N | 300 | 300 | N | 50 | 300 | 100 | 5 | N | N | 6.9 |
| I1246MD2 | 20 | N | N | 300 | 200 | N | 50 | 500 | 100 | 5 | N | N | 6.1 |
| I1246MD3 | 15 | N | N | 200 | 150 | N | 20 | 500 | 30 | 7 | N | N | 7.4 |
| I1246MD4 | 20 | N | N | 500 | 300 | N | 70 | 500 | 100 | 5 | N | N | 6.5 |
| I1247MD2 | 15 | N | N | 700 | 200 | N | 50 | 200 | 100 | 2 | N | N | 17 |
| I1247MD3 | 20 | N | N | 500 | 150 | N | 50 | 500 | 70 | 2 | N | N | 17 |
| I1247MD4 | 15 | N | N | 500 | 150 | N | 50 | 500 | 100 | 3 | N | N | 18 |
| I1248M | 20 | N | N | 700 | 150 | N | 100 | 500 | 50 | 5 | N | N | 17 |
| I1249M | 20 | N | N | 500 | 150 | N | 20 | 300 | 20 | <2 | N | N | 1.5 |
| I1250M | 15 | N | 15 | 700 | 200 | N | 100 | 200 | 150 | 3 | N | N | .9 |
| I1251M | 20 | N | N | 500 | 200 | N | 50 | 100 | 100 | 3 | N | N | 9.5 |
| I1252M | 15 | N | N | 500 | 200 | N | 50 | 500 | 200 | <2 | N | N | .75 |
| I1253MD2 | 15 | N | N | 500 | 200 | N | 50 | 300 | 300 | 3 | N | N | 2.6 |
| I1253MD3 | 15 | N | N | 700 | 200 | N | 50 | 200 | 150 | 5 | N | N | 1.3 |
| I1253MD4 | 20 | N | N | 700 | 150 | N | 50 | 300 | 150 | 2 | N | N | 1.3 |
| I1254M | 15 | N | N | 200 | 200 | N | 30 | 300 | 150 | 3 | N | N | 4.1 |
| I1255M | 15 | N | N | 500 | 200 | N | 70 | 500 | 200 | 5 | N | N | 3.8 |
| I1256MD2 | 15 | N | N | 500 | 200 | N | 70 | 500 | 150 | 3 | N | N | 3.9 |
| I1256MD3 | 15 | N | N | 500 | 300 | N | 50 | 300 | 150 | 5 | N | N | 3.4 |
| I1256MD4 | 15 | N | N | 300 | 300 | N | 50 | 300 | 100 | 3 | N | N | 4.5 |
| I1257M | 20 | N | N | 700 | 200 | N | 50 | 300 | 100 | 3 | N | N | .9 |
| I1258M | 15 | N | N | 500 | 200 | N | 50 | 300 | 70 | 3 | N | N | .9 |
| I1259M | 15 | N | N | 300 | 300 | N | 70 | 500 | 700 | 10 | N | N | 3.9 |
| I1260MD2 | 20 | N | N | 500 | 200 | N | 70 | 300 | 100 | 2 | N | N | 1 |
| I1260MD3 | 15 | N | N | 1,000 | 200 | N | 50 | 500 | 70 | 3 | N | N | .85 |
| I1260MD4 | 10 | N | N | 500 | 200 | N | 50 | 300 | 100 | 3 | N | N | .9 |
| I1261M | 10 | N | N | 300 | 200 | N | 50 | 300 | 200 | 3 | N | N | 2.8 |
| I1262M | 15 | N | N | 200 | 200 | N | 50 | 300 | 150 | 5 | N | N | 4.9 |
| I1263M | 20 | N | N | 500 | 150 | N | 100 | 300 | 100 | 2 | N | N | .9 |
| I1264M | 15 | N | N | 500 | 200 | N | 50 | 300 | 200 | 5 | N | N | 2.3 |
| I1265M | 20 | N | 10 | 500 | 200 | N | 70 | 700 | 70 | 3 | N | N | .9 |
| I1266M | 15 | N | N | 500 | 150 | N | 30 | 300 | 70 | 2 | N | N | 6.4 |
| I1267M | 10 | N | N | 700 | 150 | N | 30 | 300 | 20 | <2 | N | N | 18 |
| I1268M | 15 | N | 5 | 700 | 150 | N | 30 | 500 | 100 | 2 | N | N | 14 |
| I1269M | 20 | N | N | 500 | 200 | N | 70 | 300 | 100 | 3 | N | N | 18 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| I1270M | 62 18 18 | 156 49 52 | 2 | .7 | .2 | .3 | .3 | N | N | 150 | 700 |
| I1271M | 62 21 25 | 156 45 21 | 5 | .5 | .2 | .07 | .2 | N | N | 150 | 1,500 |
| I1272M | 62 19 13 | 156 40 34 | .5 | .7 | .2 | .3 | 2 | 200 | N | 200 | 1,500 |
| I1273M | 62 10 12 | 157 40 31 | 3 | .7 | .2 | 1 | .2 | N | N | 150 | 1,000 |
| I1274M | 62 8 28 | 157 36 52 | 1.5 | .7 | .3 | .2 | .2 | N | N | 200 | 1,000 |
| I1275M | 62 45 31 | 156 5 17 | 2 | .7 | .3 | .2 | 3 | N | N | 150 | 1,500 |
| I1276M | 62 45 28 | 156 5 21 | 2 | .7 | .3 | .2 | 2 | N | N | 100 | 1,500 |
| I1277M | 62 46 43 | 156 4 3 | 2 | .7 | .2 | .1 | .2 | N | N | 150 | 1,000 |
| I1278M | 62 50 14 | 156 10 51 | 2 | 1 | .3 | .3 | .3 | N | N | 100 | 1,000 |
| I1279M | 62 53 28 | 156 8 18 | 3 | 1 | .2 | .2 | .1 | N | N | 200 | 1,000 |
| I1280M | 62 53 41 | 156 1 27 | 3 | .7 | .3 | .15 | .3 | N | N | 200 | 1,000 |
| I1281M | 62 59 48 | 156 33 8 | 2 | 1 | .2 | .2 | .2 | N | N | 100 | 1,500 |
| I1282M | 62 39 58 | 156 8 5 | 3 | .5 | .3 | .7 | .2 | 200 | N | 100 | 1,000 |
| I1283M | 62 42 7 | 156 6 28 | 3 | .5 | .2 | .2 | .3 | N | N | 200 | 1,000 |
| I1284M | 62 38 23 | 157 2 22 | 3 | 1 | .2 | .1 | .7 | N | N | 300 | 2,000 |
| I1285M | 62 36 1 | 157 0 41 | 3 | .5 | .2 | 1 | .15 | N | N | 200 | 1,500 |
| I1286M | 62 14 39 | 157 11 58 | .3 | .7 | .07 | .07 | .3 | N | N | 200 | 1,000 |
| I1287M | 62 26 28 | 157 52 13 | 2 | .7 | .2 | .1 | .5 | N | N | 100 | 1,500 |
| I1288M | 62 23 21 | 157 55 2 | 3 | 1 | .2 | .1 | .5 | N | N | 300 | 1,000 |
| I1289M | 62 31 47 | 157 52 2 | 3 | .5 | .2 | .1 | .2 | 5,000 | N | 50 | 1,000 |
| I1400M | 62 41 38 | 156 18 50 | 5 | .5 | .1 | .3 | .2 | <200 | N | 150 | 1,500 |
| I1401M | 62 41 49 | 156 11 48 | 3 | .5 | .2 | .5 | N | N | N | 150 | 1,000 |
| I1402M | 62 43 6 | 156 6 31 | 3 | 1 | .15 | .1 | N | N | N | 200 | 1,000 |
| I1403M | 62 39 4 | 156 0 53 | 3 | .7 | .1 | .2 | N | N | N | 300 | 1,000 |
| I1404M | 62 33 38 | 156 6 29 | 5 | 1 | .2 | .5 | .5 | N | N | 200 | 1,500 |
| I1405M | 62 35 49 | 156 7 30 | 5 | .5 | .1 | .1 | N | <200 | N | 500 | 2,000 |
| I1406M | 62 36 4 | 156 12 33 | 5 | .7 | .15 | .3 | N | 200 | N | 200 | 1,500 |
| I1407M | 62 36 9 | 156 15 2 | 5 | 1 | .1 | .1 | .3 | N | N | 200 | 1,500 |
| I1408M | 62 27 0 | 156 25 23 | 3 | .3 | .2 | .2 | N | N | N | 150 | 1,500 |
| I1409M | 62 31 8 | 156 29 11 | 3 | .5 | .1 | .1 | N | N | N | 150 | 700 |
| I1410MD1 | 62 34 38 | 156 23 35 | 5 | .7 | .2 | .3 | .2 | N | N | 200 | 1,500 |
| I1411M | 62 40 56 | 156 24 16 | 3 | .5 | .15 | .15 | .5 | N | N | 100 | 1,500 |
| I1412M | 62 34 54 | 156 28 49 | 2 | .7 | .2 | .2 | N | N | N | 500 | 1,500 |
| I1413M | 62 42 46 | 156 24 30 | 2 | .7 | .15 | .2 | N | N | N | 200 | 1,500 |
| I1414M | 62 45 37 | 156 0 4 | 5 | .2 | .1 | .3 | <.1 | N | N | 70 | 500 |
| I1415M | 62 46 12 | 156 14 10 | >5 | .7 | .3 | .3 | .7 | N | N | 50 | 1,000 |
| I1416M | 62 46 43 | 156 6 53 | 5 | .5 | .07 | .15 | N | <200 | N | 200 | 500 |
| I1417M | 62 51 28 | 156 7 35 | 5 | .7 | .15 | .3 | .2 | N | N | 100 | 1,000 |
| I1418M | 62 53 8 | 156 11 20 | 3 | 1 | .15 | .7 | .2 | N | N | 70 | 1,000 |
| I1419M | 62 51 23 | 156 10 40 | 5 | .7 | .2 | .1 | <.1 | N | N | 50 | 1,500 |
| I1420MD1 | 62 54 38 | 156 7 19 | 2 | .5 | .15 | .3 | N | N | N | 100 | 1,000 |
| I1421M | 62 56 51 | 156 9 22 | 1 | .5 | .07 | .3 | N | <200 | N | 70 | 500 |
| I1422M | 62 59 46 | 156 13 49 | 2 | 1 | .15 | .5 | <.1 | N | N | 100 | 1,000 |
| I1423MD1 | 62 56 29 | 156 10 25 | 1 | .7 | .05 | .3 | <.1 | N | N | 200 | 500 |
| I1424M | 62 56 48 | 156 25 42 | 2 | .7 | .2 | .15 | .2 | N | N | 200 | 1,500 |
| I1425M | 62 54 4 | 156 26 3 | 1 | .3 | .1 | .5 | .3 | <200 | N | 100 | 300 |
| I1426MD1 | 62 55 21 | 156 26 7 | 3 | 1 | .2 | .3 | .2 | N | N | 100 | 2,000 |
| I1427M | 62 49 40 | 156 25 18 | >5 | .7 | .1 | .3 | .5 | N | N | 150 | 3,000 |
| I1428M | 62 49 59 | 156 31 52 | >5 | .5 | .05 | .5 | <.1 | N | N | 100 | 1,000 |
| I1429MD1 | 62 48 24 | 156 34 5 | 3 | .3 | .3 | .3 | N | N | N | 50 | 1,500 |
| I1430M | 62 46 53 | 156 39 19 | 1 | .3 | .07 | .5 | <.1 | 2,000 | N | 100 | 500 |
| I1431M | 62 53 26 | 156 38 19 | 3 | .5 | .3 | .3 | N | N | N | 100 | 700 |
| I1432M | 62 39 37 | 157 1 51 | >5 | .7 | .2 | .1 | .15 | N | N | 70 | 1,500 |
| I1433M | 62 43 28 | 157 9 8 | 5 | 1 | .2 | .1 | .1 | N | N | 50 | 1,500 |
| I1434M | 62 36 18 | 157 3 22 | 5 | .5 | .15 | .3 | .2 | N | N | 70 | 2,000 |
| I1435M | 62 31 4 | 156 57 57 | 3 | .3 | .2 | .3 | .3 | N | N | 100 | 1,500 |
| I1436M | 62 34 22 | 156 48 4 | 1 | .5 | .07 | .2 | N | N | N | 150 | 700 |
| I1437M | 62 26 20 | 156 37 20 | 3 | .5 | .2 | .1 | .2 | N | N | 100 | 1,500 |
| I1438M | 62 31 17 | 156 31 51 | 3 | .5 | .3 | .2 | .3 | N | N | 100 | 1,000 |
| I1439M | 62 33 50 | 156 40 30 | 2 | .5 | .15 | .1 | .3 | N | N | 100 | 2,000 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I1270M | 2 | N | N | 20 | 70 | 150 | 20 | N | N | 5,000 | 5 | N | 50 |
| I1271M | 2 | N | N | 50 | 70 | 200 | 15 | N | N | 10,000 | 7 | N | 50 |
| I1272M | 15 | <1 | 20 | 30 | 50 | 200 | 20 | N | 100 | 7,000 | <5 | <20 | 50 |
| I1273M | 1.5 | N | N | 50 | 70 | 200 | 20 | N | N | >10,000 | 5 | 20 | 50 |
| I1274M | 1 | N | N | 20 | 50 | 500 | 20 | N | N | 700 | 5 | N | 30 |
| I1275M | 3 | 15 | <1 | 30 | 70 | 150 | 20 | N | 100 | 5,000 | 7 | 20 | 50 |
| I1276M | 3 | 5 | N | 30 | 100 | 200 | 20 | N | 20 | 1,500 | 5 | 20 | 50 |
| I1277M | 1 | N | N | 30 | 70 | 200 | 15 | N | N | 2,000 | 10 | <20 | 30 |
| I1278M | 3 | N | N | 30 | 70 | 200 | 20 | N | N | 5,000 | 5 | <20 | 30 |
| I1279M | 2 | N | N | 20 | 100 | 150 | 10 | N | N | 1,000 | 5 | <20 | 30 |
| I1280M | 5 | N | N | 10 | 70 | 200 | 15 | N | N | 7,000 | <5 | 20 | 50 |
| I1281M | 2 | N | N | 30 | 50 | 200 | 15 | N | N | 10,000 | 7 | <20 | 70 |
| I1282M | 5 | N | N | 30 | 70 | 200 | 20 | N | <20 | 1,000 | 5 | <20 | 50 |
| I1283M | 5 | N | N | 5 | 100 | 300 | 15 | N | N | 7,000 | <5 | <20 | 70 |
| I1284M | 5 | N | N | 30 | 70 | 500 | 20 | N | N | 5,000 | 7 | <20 | 70 |
| I1285M | 2 | N | N | 100 | 50 | 200 | 15 | N | N | >10,000 | <5 | N | 50 |
| I1286M | 5 | N | N | 15 | 50 | 300 | 5 | N | N | 2,000 | 7 | 100 | 100 |
| I1287M | 3 | N | N | 30 | 70 | 200 | 10 | N | N | 7,000 | 10 | 50 | 30 |
| I1288M | 3 | N | N | 30 | 100 | 500 | 10 | N | 20 | 5,000 | 15 | 50 | 100 |
| I1289M | 2 | N | N | 30 | 70 | 200 | 20 | N | N | 10,000 | 5 | N | 50 |
| I1400M | 5 | N | N | 50 | 100 | 150 | 7 | N | 50 | 1,000 | 5 | 70 | 30 |
| I1401M | 5 | N | N | 50 | 50 | 150 | 15 | N | 20 | 1,000 | 5 | 50 | 50 |
| I1402M | 3 | N | N | 20 | 70 | 150 | 15 | N | N | 3,000 | <5 | N | 50 |
| I1403M | 3 | N | N | 50 | 70 | 200 | 10 | N | <20 | 1,500 | 5 | N | 30 |
| I1404M | 3 | N | N | 70 | 100 | 200 | 10 | N | 50 | 10,000 | <5 | N | 70 |
| I1405M | 3 | N | N | 70 | 70 | 200 | 7 | N | 30 | 3,000 | 10 | 50 | 30 |
| I1406M | 5 | N | N | 50 | 70 | 200 | 10 | N | 50 | 200 | 7 | 50 | 30 |
| I1407M | 5 | N | N | 70 | 70 | 200 | 7 | N | 50 | 10,000 | <5 | N | 70 |
| I1408M | 3 | N | N | 50 | 70 | 30 | 10 | N | N | 1,500 | 7 | N | 20 |
| I1409M | 1.5 | N | N | 50 | 50 | 30 | 10 | N | 20 | 10,000 | 10 | N | 50 |
| I1410MD1 | 5 | N | N | 50 | 100 | 150 | 10 | N | <20 | 2,000 | 7 | N | 50 |
| I1411M | 5 | N | N | 70 | 70 | 700 | 20 | N | 50 | 1,500 | <5 | 20 | 70 |
| I1412M | 2 | N | N | 70 | 70 | 100 | 7 | N | N | 5,000 | 5 | N | 30 |
| I1413M | 3 | N | N | 30 | 70 | 50 | 15 | N | 50 | 1,000 | 10 | <20 | 30 |
| I1414M | 5 | N | N | 30 | 70 | 70 | 10 | N | 50 | 2,000 | 15 | N | 70 |
| I1415M | 1.5 | N | N | 50 | 100 | 150 | 20 | N | N | 1,000 | N | 50 | 50 |
| I1416M | 3 | N | N | 50 | 70 | 50 | 7 | N | 30 | 5,000 | 15 | N | 70 |
| I1417M | 3 | N | N | 50 | 70 | 100 | 15 | N | <20 | 1,000 | 7 | N | 30 |
| I1418M | 1.5 | N | N | 50 | 200 | 50 | 15 | N | N | 2,000 | <5 | N | 50 |
| I1419M | 2 | N | N | 30 | 50 | 30 | 15 | N | <20 | 1,000 | <5 | N | 20 |
| I1420MD1 | 3 | N | N | 50 | 70 | 100 | 10 | N | <20 | 2,000 | 5 | N | 30 |
| I1421M | 3 | N | N | 5 | 100 | 15 | 10 | N | <20 | 700 | N | N | 30 |
| I1422M | 2 | N | N | 20 | 100 | 50 | 10 | N | N | 1,500 | <5 | N | 30 |
| I1423MD1 | 3 | N | N | 7 | 70 | 10 | 10 | N | <20 | 700 | N | N | 30 |
| I1424M | 2 | N | N | 50 | 100 | 500 | 20 | N | N | 7,000 | 5 | N | 70 |
| I1425M | 2 | N | N | 5 | 70 | 10 | 10 | N | N | 700 | N | <20 | 30 |
| I1426MD1 | 2 | N | N | 50 | 70 | 500 | 15 | N | N | 1,000 | 10 | N | 50 |
| I1427M | 7 | N | N | 50 | 70 | 200 | 15 | N | 50 | 1,000 | <5 | 100 | 50 |
| I1428M | 2 | N | N | 50 | 100 | 30 | 15 | N | <20 | 500 | 5 | N | 50 |
| I1429MD1 | 2 | N | N | 30 | 100 | 50 | 15 | N | N | 700 | <5 | N | 50 |
| I1430M | 3 | N | N | 7 | 200 | 7 | 10 | N | <20 | 500 | <5 | N | 30 |
| I1431M | 3 | N | N | 20 | 70 | 50 | 20 | N | <20 | 500 | <5 | N | 50 |
| I1432M | 5 | N | N | 50 | 200 | 200 | 20 | N | 20 | >10,000 | <5 | 50 | 70 |
| I1433M | 3 | N | N | 50 | 200 | 300 | 20 | N | 20 | 7,000 | 5 | 20 | 100 |
| I1434M | 3 | N | N | 50 | 100 | 100 | 15 | N | N | 1,000 | 5 | N | 50 |
| I1435M | 2 | N | N | 50 | 50 | 70 | 20 | N | N | 700 | 7 | N | 70 |
| I1436M | 3 | N | N | 10 | 50 | 15 | 5 | N | <20 | 1,500 | <5 | <20 | 30 |
| I1437M | 2 | N | N | 50 | 100 | 200 | 20 | N | N | 10,000 | <5 | 20 | 70 |
| I1438M | 2 | N | N | 30 | 70 | 200 | 15 | N | N | 1,500 | <5 | <20 | 50 |
| I1439M | 5 | N | N | 30 | 70 | 500 | 20 | N | N | 2,000 | 5 | 50 | 50 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Tl-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I1270M | 20 | N | N | 500 | 200 | N | 30 | 300 | 100 | 3 | N | N | 5.9 |
| I1271M | 15 | N | N | 500 | 200 | N | 30 | 300 | 70 | 5 | N | N | 8.8 |
| I1272M | 100 | 50 | <5 | 700 | 100 | N | 50 | 1,000 | 30 | <2 | N | N | 190 |
| I1273M | 15 | N | N | 500 | 200 | N | 50 | 300 | 50 | 7 | N | N | 7 |
| I1274M | 15 | N | N | 500 | 200 | N | 30 | <100 | 70 | 2 | N | N | 9.9 |
| I1275M | 50 | N | 5 | 500 | 200 | N | 70 | 500 | 150 | <2 | N | N | 3.9 |
| I1276M | 50 | N | N | 500 | 150 | N | 50 | 700 | 150 | 3 | N | N | 3.8 |
| I1277M | 20 | N | N | 1,000 | 150 | N | 50 | 500 | 50 | <2 | N | N | 12 |
| I1278M | 20 | N | N | 700 | 200 | N | 50 | 300 | 100 | 2 | N | N | 16 |
| I1279M | 15 | N | N | 700 | 200 | N | 30 | 300 | 70 | <2 | N | N | 12 |
| I1280M | 20 | N | N | 700 | 200 | N | 70 | 300 | 100 | 2 | N | N | 8.3 |
| I1281M | 15 | N | N | 500 | 200 | N | 70 | 300 | 100 | 2 | N | N | 5.1 |
| I1282M | 30 | N | N | 300 | 200 | N | 50 | 300 | 70 | 3 | N | N | 6.7 |
| I1283M | 20 | N | N | 500 | 200 | N | 50 | 500 | 100 | 5 | N | N | 10 |
| I1284M | 20 | N | N | 500 | 200 | N | 50 | 500 | 50 | 3 | N | N | 10 |
| I1285M | 15 | N | N | 300 | 200 | N | 50 | 500 | 50 | 5 | N | N | 6.8 |
| I1286M | 15 | N | N | 500 | 100 | N | 70 | 500 | 20 | N | N | N | 26 |
| I1287M | 20 | N | 10 | 700 | 150 | N | 50 | 500 | 70 | 2 | N | N | 7.1 |
| I1288M | 15 | N | N | 700 | 200 | N | 50 | 300 | 30 | 5 | N | N | 38 |
| I1289M | 15 | N | N | 500 | 200 | N | 20 | 300 | 70 | 3 | N | N | 3.3 |
| I1400M | 20 | N | <5 | 500 | 300 | N | 30 | 500 | 200 | 3 | N | N | 8.6 |
| I1401M | 15 | N | N | 500 | 200 | N | 70 | 300 | 100 | 3 | N | N | 3.2 |
| I1402M | 15 | N | N | 700 | 200 | N | 30 | 500 | 100 | 5 | N | N | 4.2 |
| I1403M | 20 | N | N | 300 | 200 | N | 30 | 500 | 100 | 5 | N | N | 5.9 |
| I1404M | 20 | N | N | 500 | 300 | N | 100 | 500 | 100 | 7 | N | N | 7.7 |
| I1405M | 20 | N | N | 500 | 200 | N | 50 | 500 | 100 | 5 | N | N | 8.3 |
| I1406M | 15 | N | N | 500 | 300 | N | 30 | 300 | 150 | 7 | N | N | 4.3 |
| I1407M | 20 | N | N | 500 | 300 | N | 100 | 500 | 100 | 5 | N | N | 4.4 |
| I1408M | 10 | N | N | 300 | 200 | N | 15 | 500 | 100 | 5 | N | N | 3.6 |
| I1409M | 15 | N | N | 700 | 200 | N | 50 | 150 | 70 | 3 | <200 | N | 6.9 |
| I1410MD1 | 15 | N | N | 300 | 200 | N | 50 | 300 | 150 | 3 | N | N | 6.7 |
| I1411M | 20 | N | N | 500 | 300 | N | 50 | 300 | 100 | 5 | N | N | 8.9 |
| I1412M | 10 | N | N | 500 | 200 | N | 20 | 500 | 100 | 3 | N | N | 6 |
| I1413M | 15 | N | N | 300 | 150 | N | 50 | 500 | 70 | <2 | N | N | 1.1 |
| I1414M | 20 | 50 | N | 500 | 300 | N | 50 | 150 | 100 | 7 | N | N | 6.7 |
| I1415M | 15 | N | N | 500 | 200 | N | 70 | 500 | 150 | 5 | <200 | N | 2.7 |
| I1416M | 15 | N | N | 500 | 200 | N | 30 | 150 | 100 | 5 | N | N | 8.1 |
| I1417M | 15 | N | N | 500 | 200 | N | 20 | 500 | 150 | 5 | N | N | 4.8 |
| I1418M | 15 | N | N | 500 | 300 | N | 50 | 500 | 150 | 2 | N | N | 3.6 |
| I1419M | 15 | N | N | 500 | 300 | N | 15 | 300 | 50 | 3 | N | N | 4.9 |
| I1420MD1 | 10 | N | N | 500 | 200 | N | 20 | 500 | 150 | 5 | N | N | 2.6 |
| I1421M | 10 | N | N | 300 | 200 | N | 15 | 150 | 100 | 2 | N | N | 2.3 |
| I1422M | 10 | N | N | 500 | 200 | N | 30 | 500 | 200 | 3 | N | N | 4.9 |
| I1423MD1 | 10 | N | N | 500 | 200 | N | 15 | 150 | 30 | <2 | N | N | 2.6 |
| I1424M | 20 | N | N | 500 | 200 | N | 50 | 200 | 100 | 5 | N | N | 10 |
| I1425M | 10 | N | N | <100 | 200 | N | 10 | 100 | 70 | <2 | N | N | 1.7 |
| I1426MD1 | 20 | N | N | 700 | 150 | N | 50 | 500 | 100 | <2 | N | N | 5.9 |
| I1427M | 20 | N | N | 500 | 200 | N | 100 | 500 | 100 | 5 | <200 | N | 5.4 |
| I1428M | 10 | N | 15 | 200 | 200 | N | 30 | 500 | 150 | <2 | N | N | 2.1 |
| I1429MD1 | <10 | N | N | 200 | 200 | N | 50 | 200 | 150 | 2 | N | N | 2.2 |
| I1430M | 10 | N | N | 100 | 200 | N | 10 | 150 | 30 | 2 | N | N | 3 |
| I1431M | 10 | N | N | 100 | 200 | N | 20 | 200 | 70 | <2 | <200 | N | 1 |
| I1432M | 15 | N | N | 700 | 300 | N | 100 | 300 | 50 | 5 | N | N | 12 |
| I1433M | 10 | N | <5 | 700 | 200 | N | 100 | 500 | 100 | 2 | N | N | 40 |
| I1434M | 15 | N | N | 300 | 150 | N | 50 | 500 | 100 | 2 | N | N | 2.7 |
| I1435M | 10 | N | N | 500 | 200 | N | 30 | 500 | 200 | 5 | N | N | 1.9 |
| I1436M | 10 | N | <5 | 500 | 150 | N | 20 | 150 | 50 | <2 | N | N | 5.8 |
| I1437M | 15 | N | N | 300 | 200 | N | 50 | 300 | 100 | 5 | N | N | 4.3 |
| I1438M | 20 | N | N | 300 | 200 | N | 50 | 500 | 100 | 3 | N | N | 3.9 |
| I1439M | 20 | N | N | 700 | 200 | N | 150 | 500 | 30 | 2 | N | N | 12 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| I1440M | 62 36 38 | 156 38 15 | 2 | .7 | .2 | .2 | .3 | N | N | 70 | 1,000 |
| I1441M | 62 38 42 | 156 37 45 | 5 | .7 | .2 | .1 | 2 | N | N | 50 | 1,500 |
| I1442MD1 | 62 41 43 | 156 37 18 | 3 | .7 | .3 | .1 | .5 | N | N | 50 | 1,000 |
| I1443MD1 | 62 34 54 | 156 48 40 | 2 | .5 | .2 | .2 | .3 | N | N | 100 | 2,000 |
| I1444MD1 | 62 36 24 | 156 52 3 | 2 | .2 | .2 | .15 | .15 | N | N | 100 | 1,500 |
| I1445M | 62 35 45 | 156 58 7 | 1.5 | .5 | .2 | .1 | .2 | N | N | 200 | 2,000 |
| I1446MD1 | 62 39 47 | 156 49 29 | 3 | .5 | .15 | .07 | .2 | N | N | 150 | 5,000 |
| I1447M | 62 41 53 | 156 42 4 | 3 | .5 | .15 | .07 | .2 | N | N | 50 | 2,000 |
| I1448M | 62 43 21 | 156 33 21 | 5 | .5 | .15 | .1 | .5 | N | N | 200 | 1,500 |
| I1449MD1 | 62 41 40 | 156 54 17 | 3 | .15 | .2 | .15 | .5 | N | N | 100 | 7,000 |
| I1450M | 62 39 37 | 156 59 44 | 2 | .2 | .3 | .15 | .3 | N | N | 100 | 1,000 |
| I1451M | 62 17 41 | 156 20 41 | 3 | .5 | .2 | .1 | .3 | N | N | 100 | 1,500 |
| I1452M | 62 23 10 | 156 25 34 | 3 | .7 | .2 | .05 | .2 | N | N | 50 | 1,500 |
| I1453M | 62 23 33 | 156 15 54 | 2 | .3 | .2 | .1 | .3 | N | N | 100 | 1,000 |
| I1454M | 62 19 59 | 156 10 39 | 1.5 | .5 | .2 | .2 | .1 | N | N | 100 | 1,000 |
| I1455M | 62 19 50 | 156 29 6 | 2 | .3 | .3 | .2 | .5 | N | N | 150 | 1,500 |
| I1456M | 62 12 13 | 156 27 12 | 3 | .3 | .15 | .15 | .2 | N | N | 100 | 1,000 |
| I1457M | 62 10 17 | 156 16 4 | 5 | .15 | .2 | .15 | .7 | N | N | 100 | 1,500 |
| I1458M | 62 7 47 | 156 27 8 | 3 | .5 | .15 | .5 | <.1 | N | N | 50 | 1,000 |
| I1459MD1 | 62 7 26 | 156 15 24 | 3 | .3 | .15 | .5 | .1 | N | N | 100 | 700 |
| I1460M | 62 3 7 | 156 29 13 | 2 | .7 | .15 | .07 | .5 | N | N | 150 | 1,500 |
| I1461MD1 | 62 5 46 | 156 19 31 | 3 | .3 | .2 | .1 | .5 | N | N | 100 | 1,500 |
| I1462M | 62 0 19 | 156 29 36 | 3 | .5 | .15 | .2 | .5 | N | N | 70 | 1,500 |
| I1464M | 62 48 54 | 157 15 30 | 2 | .5 | .1 | .2 | 1 | N | N | 100 | 2,000 |
| I1465M | 62 46 59 | 157 25 46 | 2 | .7 | .15 | .05 | 1 | N | N | 150 | 1,500 |
| I1466M | 62 50 43 | 157 28 12 | 2 | .5 | .15 | .1 | .3 | N | N | 70 | 1,000 |
| I1467M | 62 54 10 | 157 27 18 | 2 | .7 | .2 | .1 | .3 | N | N | 100 | 700 |
| I1468M | 62 2 3 | 156 3 45 | 2 | 5 | .5 | .3 | .5 | N | N | 50 | 1,000 |
| I1469MD1 | 62 4 19 | 156 5 20 | >5 | .3 | .15 | .5 | .5 | N | N | 50 | 1,000 |
| I1470M | 62 7 58 | 156 10 35 | 2 | .3 | .15 | .2 | .1 | N | N | 100 | 1,000 |
| I1471M | 62 12 4 | 156 2 56 | 3 | .5 | .1 | .07 | .5 | N | N | 150 | 1,500 |
| I1472M | 62 12 52 | 156 5 48 | >5 | .5 | .15 | .2 | .3 | N | N | 100 | 1,500 |
| I1473MD1 | 62 14 32 | 156 1 12 | 3 | .7 | .2 | .2 | .5 | N | N | 100 | 1,500 |
| I1474M | 62 15 44 | 156 5 49 | 5 | .5 | .15 | .2 | 1 | N | N | 100 | 1,500 |
| I1475M | 62 21 38 | 156 3 1 | 2 | .5 | .15 | .5 | .3 | N | N | 50 | 1,000 |
| I1476M | 62 24 33 | 156 9 13 | 2 | .7 | .15 | .3 | .3 | N | N | 100 | 1,500 |
| I1477M | 62 28 9 | 156 1 18 | 3 | .5 | .15 | .2 | .2 | N | N | 100 | 1,000 |
| I1478M | 62 25 8 | 156 14 59 | 1 | .7 | .15 | .1 | .3 | N | N | 100 | 700 |
| I1479M | 62 1 49 | 158 54 10 | 3 | .2 | .2 | .15 | .2 | N | N | 70 | 1,000 |
| I1480M | 62 3 38 | 158 55 49 | 3 | .5 | .15 | .07 | .2 | N | N | 100 | 1,500 |
| I1481M | 62 41 52 | 157 11 49 | 5 | .5 | .1 | .1 | .2 | N | N | 200 | 700 |
| I1482M | 62 37 58 | 157 11 48 | 3 | 2 | .3 | 1 | <.1 | N | N | 70 | 1,000 |
| I1483M | 62 43 16 | 157 5 18 | 2 | 1 | .1 | .2 | <.1 | N | N | 100 | 1,000 |
| I1484M | 62 34 53 | 157 23 32 | >5 | .5 | .07 | .05 | .2 | N | N | 100 | 1,500 |
| I1485M | 62 33 27 | 157 17 8 | 3 | 2 | .2 | .2 | .1 | N | N | 150 | 1,000 |
| I1486M | 62 33 51 | 157 16 9 | 2 | .7 | .1 | .1 | <.1 | N | N | 150 | 1,000 |
| I1487M | 62 32 8 | 157 10 28 | 3 | .7 | .1 | .2 | .3 | N | N | 150 | 1,500 |
| I1488M | 62 34 6 | 157 2 22 | 5 | .7 | .15 | .3 | .3 | N | N | 150 | 1,500 |
| I1489M | 62 30 48 | 157 2 39 | 2 | .5 | .1 | .3 | .15 | N | N | 100 | 700 |
| I1490M | 62 55 11 | 156 32 41 | 1 | .7 | .1 | .3 | .2 | N | N | 150 | 1,000 |
| I1491M | 62 55 57 | 156 40 30 | 2 | .7 | .1 | .3 | .2 | N | N | 150 | 1,000 |
| I1492M | 62 57 16 | 156 37 15 | 2 | .5 | .07 | .5 | <.1 | N | N | 100 | 1,000 |
| I1493M | 62 34 18 | 157 30 31 | 2 | .5 | .1 | .5 | <.1 | N | N | 100 | 700 |
| I1494M | 62 35 12 | 157 32 58 | 3 | .7 | .3 | .15 | <.1 | N | N | 150 | 1,000 |
| I1495M | 62 31 37 | 157 48 48 | 1.5 | 1 | .15 | .1 | .5 | N | N | 150 | 1,000 |
| I1496M | 62 32 29 | 157 48 3 | 2 | .7 | .2 | .1 | .2 | N | N | 100 | 1,500 |
| I1497M | 62 29 52 | 157 47 48 | 5 | .7 | .1 | .15 | .5 | N | N | 100 | 1,500 |
| I1498M | 62 28 28 | 157 49 52 | 3 | .5 | .1 | .2 | .3 | N | N | 50 | 1,000 |
| I1499M | 62 26 33 | 156 55 55 | 2 | 1 | .15 | .07 | .7 | N | N | 200 | 1,000 |
| I1500M | 62 26 36 | 156 34 30 | 3 | .3 | .2 | .07 | .5 | N | N | 100 | 1,500 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I1440M | 2 | N | N | 30 | 100 | 500 | 20 | N | <20 | 200 | 5 | 20 | 50 |
| I1441M | 5 | N | N | 70 | 70 | 200 | 20 | N | N | 1,000 | 5 | 30 | 70 |
| I1442MD1 | 3 | N | N | 30 | 70 | 700 | 50 | N | <20 | 1,000 | <5 | <20 | 30 |
| I1443MD1 | 2 | N | N | 30 | 70 | 500 | 20 | N | N | 2,000 | 5 | 30 | 50 |
| I1444MD1 | 5 | N | N | 50 | 100 | 100 | 15 | N | N | 3,000 | 5 | N | 50 |
| I1445M | 3 | N | N | 20 | 70 | 200 | 10 | N | N | 3,000 | 10 | <20 | 50 |
| I1446MD1 | 2 | N | N | 30 | 50 | 200 | 15 | N | <20 | 1,000 | 5 | 50 | 50 |
| I1447M | 3 | N | N | 70 | 70 | 150 | 30 | N | N | >10,000 | <5 | 20 | 70 |
| I1448M | 10 | 1 | N | 100 | 70 | 2,000 | 15 | N | <20 | 3,000 | 10 | 50 | 150 |
| I1449MD1 | 5 | N | N | 70 | 100 | 200 | 15 | N | N | >10,000 | 10 | 20 | 70 |
| I1450M | 2 | N | N | 50 | 100 | 150 | 15 | N | N | 7,000 | 7 | <20 | 50 |
| I1451M | 3 | N | N | 50 | 100 | 500 | 20 | N | <20 | 7,000 | 5 | 30 | 50 |
| I1452M | 3 | N | N | 20 | 50 | 500 | 20 | N | N | 10,000 | 5 | N | 50 |
| I1453M | 2 | N | N | 30 | 100 | 150 | 20 | N | N | 1,000 | 5 | N | 70 |
| I1454M | 2 | N | N | 20 | 70 | 100 | 10 | N | <20 | 2,000 | 5 | 20 | 50 |
| I1455M | 2 | N | N | 30 | 70 | 300 | 15 | N | N | 5,000 | 10 | N | 50 |
| I1456M | 5 | N | N | 30 | 70 | 500 | 20 | N | <20 | 2,000 | 5 | 20 | 50 |
| I1457M | 5 | N | N | 70 | 70 | 500 | 15 | N | <20 | 10,000 | 5 | 50 | 70 |
| I1458M | 2 | N | N | 20 | 100 | 100 | 10 | N | N | 7,000 | 5 | <20 | 20 |
| I1459MD1 | 3 | N | N | 30 | 100 | 70 | 10 | N | N | 7,000 | <5 | N | 20 |
| I1460M | 2 | N | N | 30 | 100 | 500 | 10 | N | N | 5,000 | 5 | <20 | 50 |
| I1461MD1 | 3 | N | N | 30 | 70 | 500 | 10 | N | 20 | 10,000 | 7 | 50 | 30 |
| I1462M | 1.5 | N | N | 30 | 70 | 200 | 10 | N | N | 7,000 | <5 | N | 30 |
| I1464M | 3 | N | N | 20 | 100 | 150 | 15 | N | N | 5,000 | <5 | <20 | 20 |
| I1465M | 2 | N | N | 15 | 50 | 150 | 15 | N | N | 700 | <5 | N | 15 |
| I1466M | 3 | N | N | 50 | 70 | 200 | 15 | N | N | 1,000 | <5 | <20 | 20 |
| I1467M | 3 | N | N | 50 | 100 | 500 | 15 | N | N | 700 | 5 | <20 | 30 |
| I1468M | 1 | N | N | 50 | 50 | 500 | 15 | N | N | 5,000 | 10 | N | 50 |
| I1469MD1 | 2 | N | N | 100 | 150 | 200 | 15 | N | 50 | 5,000 | <5 | 50 | 30 |
| I1470M | 3 | N | N | 20 | 100 | 50 | 15 | N | 20 | 500 | 5 | <20 | 20 |
| I1471M | 3 | N | N | 30 | 70 | 100 | 10 | N | N | 10,000 | <5 | N | 50 |
| I1472M | 3 | N | N | 50 | 100 | 200 | 10 | N | N | 7,000 | 5 | N | 20 |
| I1473MD1 | 2 | N | N | 30 | 70 | 150 | 15 | N | N | 7,000 | 5 | N | 50 |
| I1474M | <.5 | N | N | 30 | 100 | 150 | 15 | N | N | 300 | <5 | N | 30 |
| I1475M | 3 | N | N | 20 | 100 | 150 | 15 | N | <20 | 500 | <5 | 20 | 20 |
| I1476M | 3 | N | N | 30 | 100 | 200 | 10 | N | N | 7,000 | <5 | N | 30 |
| I1477M | 2 | N | N | 30 | 70 | 200 | 10 | N | 30 | 5,000 | <5 | <20 | 30 |
| I1478M | 1 | N | N | 10 | 50 | 150 | 10 | N | N | 7,000 | <5 | N | 15 |
| I1479M | 3 | N | N | 50 | 70 | 200 | 20 | N | N | 7,000 | <5 | <20 | 50 |
| I1480M | 2 | N | N | 50 | 100 | 500 | 10 | N | N | >10,000 | <5 | 50 | 50 |
| I1481M | 1 | N | N | 70 | 100 | 100 | 15 | N | N | >10,000 | <5 | N | 30 |
| I1482M | .5 | N | N | 50 | 1,000 | 20 | 20 | N | N | 7,000 | <5 | N | 50 |
| I1483M | 2 | N | N | 30 | 500 | 70 | 10 | N | N | 5,000 | 5 | N | 50 |
| I1484M | <.5 | N | N | 70 | 100 | 300 | 7 | N | N | >10,000 | <5 | 20 | 30 |
| I1485M | 2 | N | N | 50 | 100 | 200 | 10 | N | N | 10,000 | 5 | N | 50 |
| I1486M | 2 | N | N | 70 | 200 | 100 | 10 | N | N | 10,000 | 5 | <20 | 50 |
| I1487M | 2 | N | N | 30 | 100 | 150 | 10 | N | N | 5,000 | 5 | N | 30 |
| I1488M | 3 | N | N | 70 | 100 | 150 | 15 | N | 20 | >10,000 | <5 | <20 | 30 |
| I1489M | 3 | N | N | 20 | 100 | 20 | 15 | N | <20 | 500 | <5 | N | 20 |
| I1490M | 2 | N | N | 30 | 200 | 70 | 7 | N | N | 3,000 | <5 | N | 50 |
| I1491M | 2 | N | N | 30 | 100 | 150 | 15 | N | N | 7,000 | 5 | N | 30 |
| I1492M | 3 | 2 | N | 20 | 200 | 70 | 10 | N | N | 3,000 | 5 | N | 20 |
| I1493M | 3 | N | N | 20 | 100 | 20 | 15 | N | N | 500 | 5 | N | 20 |
| I1494M | 2 | N | N | 30 | 150 | 200 | 10 | N | N | 3,000 | 7 | N | 30 |
| I1495M | 2 | N | N | 10 | 100 | 200 | 15 | N | N | 5,000 | 7 | N | 50 |
| I1496M | 2 | N | N | 30 | 70 | 200 | 15 | N | N | 7,000 | 5 | N | 50 |
| I1497M | 5 | N | N | 30 | 70 | 500 | 10 | N | N | 7,000 | <5 | <20 | 30 |
| I1498M | 3 | N | N | 30 | 100 | 100 | 10 | N | N | 2,000 | <5 | 30 | 20 |
| I1499M | 2 | N | 20 | 50 | 20 | 200 | 10 | N | N | 5,000 | 10 | 20 | 70 |
| I1500M | 3 | N | N | 50 | 70 | 300 | 20 | N | <20 | 1,000 | 7 | 50 | 50 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Tl-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I1440M | 15 | N | N | 500 | 200 | N | 50 | 500 | 100 | 3 | N | N | 4.4 |
| I1441M | 20 | N | N | 700 | 200 | N | 200 | 500 | 50 | 5 | N | N | 4.1 |
| I1442MD1 | 30 | N | N | 700 | 200 | N | 100 | 500 | 70 | 5 | N | N | 5.8 |
| I1443MD1 | 20 | N | N | 500 | 300 | N | 50 | 200 | 100 | 3 | N | N | 10 |
| I1444MD1 | 15 | N | N | 500 | 200 | N | 50 | 500 | 70 | 3 | N | N | 4.1 |
| I1445M | 15 | N | N | 500 | 200 | N | 50 | 200 | 100 | 2 | N | N | 8.5 |
| I1446MD1 | 20 | N | N | 700 | 150 | N | 100 | 200 | 30 | 2 | N | N | 16 |
| I1447M | 20 | N | N | 700 | 200 | N | 150 | 300 | 70 | 5 | N | N | 8.6 |
| I1448M | 20 | N | N | 1,000 | 200 | N | 200 | 1,000 | 50 | 5 | N | <2 | 23 |
| I1449MD1 | 20 | N | N | 500 | 200 | N | 70 | 500 | 50 | 5 | N | N | 9.5 |
| I1450M | 20 | N | N | 200 | 200 | N | 50 | 500 | 70 | 2 | N | N | 16 |
| I1451M | 20 | N | N | 500 | 200 | N | 50 | 200 | 100 | 5 | N | N | 11 |
| I1452M | 15 | N | N | 700 | 200 | N | 100 | 200 | 30 | 5 | N | N | 7.9 |
| I1453M | 15 | N | N | 300 | 200 | N | 50 | 300 | 100 | 5 | N | N | 3.8 |
| I1454M | 15 | N | N | 500 | 200 | N | 50 | 300 | 100 | 2 | N | N | 6.7 |
| I1455M | 20 | N | N | 500 | 200 | N | 50 | 500 | 100 | 3 | N | N | 8.5 |
| I1456M | 20 | N | N | 500 | 300 | N | 50 | 150 | 100 | 5 | N | N | 8.4 |
| I1457M | 20 | N | N | 300 | 200 | N | 70 | 300 | 70 | 5 | N | N | 8.1 |
| I1458M | 15 | N | N | 500 | 200 | N | 50 | 300 | 200 | 5 | N | N | 6.3 |
| I1459MD1 | 10 | N | N | 500 | 200 | N | 50 | 500 | 200 | 3 | N | N | 2.7 |
| I1460M | 20 | N | N | 700 | 200 | N | 50 | 300 | 100 | 2 | N | N | .85 |
| I1461MD1 | 20 | N | N | 500 | 200 | N | 100 | 300 | 100 | 5 | N | N | .9 |
| I1462M | 20 | N | N | 500 | 300 | N | 50 | 300 | 100 | 5 | N | N | .85 |
| I1464M | 30 | N | N | 500 | 200 | N | 70 | 700 | 70 | 2 | N | N | .65 |
| I1465M | 30 | N | N | 500 | 150 | N | 50 | 300 | 30 | 2 | N | N | .8 |
| I1466M | 20 | N | N | 500 | 200 | N | 50 | 300 | 70 | 5 | N | N | 6.1 |
| I1467M | 15 | N | N | 500 | 300 | N | 70 | 700 | 100 | 5 | N | N | 5.1 |
| I1468M | 30 | N | N | 1,000 | 150 | N | 20 | 1,000 | 50 | 3 | N | N | 12 |
| I1469MD1 | 10 | N | N | 500 | 300 | N | 70 | 500 | 200 | 5 | N | N | 3.5 |
| I1470M | 15 | N | N | 500 | 200 | N | 50 | 500 | 100 | 2 | N | N | .85 |
| I1471M | 15 | N | N | 300 | 200 | N | 50 | 300 | 100 | 2 | N | N | .8 |
| I1472M | 15 | N | N | 500 | 200 | N | 50 | 500 | 150 | 5 | N | N | 3.9 |
| I1473MD1 | 15 | N | N | 700 | 200 | N | 30 | 500 | 100 | 3 | N | N | .7 |
| I1474M | 20 | N | N | 300 | 300 | N | 50 | 300 | 100 | 7 | N | N | .6 |
| I1475M | 15 | N | N | 500 | 300 | N | 70 | 300 | 200 | 5 | N | N | 2.7 |
| I1476M | 15 | N | N | 500 | 150 | N | 50 | 500 | 150 | 2 | N | N | .9 |
| I1477M | 20 | N | N | 300 | 300 | N | 70 | 300 | 150 | 5 | N | N | .7 |
| I1478M | 15 | N | N | 300 | 150 | N | 30 | 500 | 50 | <2 | N | N | .75 |
| I1479M | 20 | N | N | 300 | 200 | N | 50 | 300 | 70 | 3 | N | N | 6.4 |
| I1480M | 15 | N | N | 700 | 200 | N | 70 | 300 | 70 | 3 | N | N | .7 |
| I1481M | 15 | N | N | 300 | 200 | N | 50 | 700 | 70 | 5 | N | N | 4.7 |
| I1482M | 15 | 200 | N | 300 | 200 | N | 20 | 500 | 70 | 3 | N | N | 1.1 |
| I1483M | 10 | 200 | N | 700 | 200 | N | 30 | 200 | 50 | 2 | N | N | .85 |
| I1484M | 10 | N | N | 500 | 200 | N | 70 | 500 | 20 | 7 | N | N | .8 |
| I1485M | 10 | N | N | 700 | 300 | N | 50 | 500 | 50 | 3 | N | N | 1.3 |
| I1486M | 15 | N | N | 500 | 300 | N | 50 | 500 | 50 | 5 | N | N | 4.3 |
| I1487M | 15 | N | N | 500 | 200 | N | 50 | 500 | 100 | 2 | N | N | 1.1 |
| I1488M | 15 | N | N | 500 | 300 | N | 50 | 700 | 70 | 3 | N | N | 5.8 |
| I1489M | 15 | N | N | 200 | 300 | N | 50 | 500 | 100 | 2 | N | N | 2.3 |
| I1490M | 15 | N | N | 200 | 200 | N | 20 | 500 | 50 | <2 | N | N | .55 |
| I1491M | 15 | N | N | 300 | 200 | N | 50 | 500 | 100 | 3 | N | N | 2.7 |
| I1492M | 15 | N | N | 500 | 300 | N | 30 | 500 | 100 | 2 | N | N | 2 |
| I1493M | 10 | N | N | 100 | 200 | N | 50 | 200 | 100 | <2 | N | N | 2.9 |
| I1494M | 15 | N | N | 500 | 200 | N | 50 | 200 | 100 | 2 | N | N | 7.1 |
| I1495M | 15 | N | N | 700 | 200 | N | 30 | 700 | 50 | 2 | N | N | 4.4 |
| I1496M | 15 | N | N | 500 | 150 | N | 30 | 300 | 20 | 2 | N | N | 4.7 |
| I1497M | 20 | N | N | 700 | 200 | N | 50 | 500 | 100 | 3 | N | N | .85 |
| I1498M | 15 | N | N | 500 | 200 | N | 70 | 500 | 100 | 3 | N | N | 2.9 |
| I1499M | 15 | N | N | 500 | 150 | N | 70 | 500 | 30 | 2 | N | N | 34 |
| I1500M | 20 | N | N | 500 | 200 | N | 150 | 200 | 30 | 3 | N | N | 5.5 |

**Table 3.** Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| I1501M | 62 29 43 | 156 41 20 | 2 | .5 | .2 | .15 | .3 | N | N | 200 | 1,500 |
| I1502M | 62 31 56 | 156 34 10 | 2 | .5 | .2 | .1 | .2 | N | N | 100 | 1,500 |
| I1503M | 62 33 0 | 156 36 25 | 2 | .5 | .2 | .2 | .1 | N | N | 100 | 1,000 |
| I1504M | 62 33 45 | 156 32 10 | 2 | .5 | .3 | .1 | 1 | N | N | 150 | 2,000 |
| I1505MD2 | 62 38 21 | 156 46 51 | 3 | .5 | .3 | .3 | .2 | N | N | 50 | 1,000 |
| I1505MD3 | 62 40 20 | 156 38 10 | 3 | .5 | .2 | .1 | .7 | N | N | 100 | 2,000 |
| I1505MD4 | 62 40 20 | 156 38 10 | 3 | .3 | .2 | .1 | 1 | N | N | 100 | 1,000 |
| I1506MD2 | 62 38 20 | 156 46 50 | 3 | .5 | .2 | .07 | .3 | N | N | 70 | 3,000 |
| I1506MD3 | 62 38 20 | 156 46 50 | 3 | .5 | .15 | .1 | .5 | N | N | 150 | 3,000 |
| I1506MD4 | 62 38 20 | 156 46 50 | 2 | .5 | .1 | .1 | .7 | N | N | 100 | 7,000 |
| I1507MD2 | 62 37 11 | 156 51 1 | 3 | .5 | .2 | .05 | .2 | N | N | 100 | 2,000 |
| I1507MD3 | 62 37 11 | 156 51 1 | 2 | .2 | .2 | .2 | .5 | N | N | 100 | 1,500 |
| I1507MD4 | 62 37 11 | 156 51 1 | 2 | .5 | .2 | .1 | .3 | N | N | 200 | 2,000 |
| I1508M | 62 39 47 | 156 57 9 | 2 | .5 | .15 | .1 | .3 | N | N | 150 | 10,000 |
| I1509MD2 | 62 40 23 | 156 50 8 | 2 | .7 | .2 | .07 | .7 | N | N | 150 | 5,000 |
| I1510MD1 | 62 42 46 | 156 43 17 | 5 | .5 | .2 | .05 | .5 | N | N | 70 | 2,000 |
| I1511MD2 | 62 43 20 | 156 40 26 | 2 | .5 | .2 | .1 | .5 | N | N | 200 | 2,000 |
| I1511MD3 | 62 43 20 | 156 40 26 | 2 | .5 | .2 | .2 | .2 | N | N | 100 | 1,500 |
| I1511MD4 | 62 43 20 | 156 40 26 | 2 | .5 | .15 | .1 | .1 | N | N | 100 | 1,000 |
| I1512M | 62 44 8 | 156 51 59 | 3 | .7 | .2 | .1 | .1 | N | N | 150 | 1,500 |
| I1513M | 62 42 28 | 156 54 48 | 2 | .7 | .2 | .1 | .1 | N | N | 100 | 1,500 |
| I1514M | 62 16 3 | 156 30 52 | 2 | .5 | .1 | .2 | .2 | N | N | 100 | 1,000 |
| I1515M | 62 13 37 | 156 18 44 | 5 | .5 | .2 | .3 | .1 | N | N | 100 | 1,000 |
| I1516M | 62 8 26 | 156 24 38 | 3 | .5 | .2 | .3 | .1 | N | N | 50 | 1,000 |
| I1517MD2 | 62 9 12 | 156 17 15 | 3 | .2 | .2 | .2 | .3 | N | N | 100 | 1,000 |
| I1517MD3 | 62 9 13 | 156 17 16 | 3 | .5 | .2 | .2 | .3 | N | N | 50 | 1,000 |
| I1517MD4 | 62 9 13 | 156 17 16 | 2 | .5 | .15 | .3 | .2 | N | N | 100 | 700 |
| I1518M | 62 7 11 | 156 25 53 | 2 | .5 | .2 | .1 | .1 | N | N | 100 | 1,000 |
| I1519M | 62 2 3 | 156 22 18 | 2 | .5 | .2 | .2 | <.1 | N | N | 100 | 1,000 |
| I1520MD2 | 62 3 56 | 156 19 19 | 3 | .5 | .2 | .7 | .1 | N | N | 50 | 700 |
| I1520MD3 | 62 3 58 | 156 19 20 | 2 | .7 | .2 | .1 | .1 | N | N | 100 | 700 |
| I1520MD4 | 62 3 58 | 156 19 20 | 2 | .7 | .15 | .07 | .1 | N | N | 100 | 1,000 |
| I1521M | 62 46 38 | 157 13 42 | 3 | .5 | .1 | .1 | 1.5 | N | N | 100 | 1,500 |
| I1522M | 62 45 47 | 157 17 49 | 1 | .7 | .15 | .2 | .5 | N | N | 100 | 1,000 |
| I1523M | 62 48 18 | 157 28 42 | 3 | .5 | .07 | .15 | .1 | N | N | 50 | 1,000 |
| I1524M | 62 53 37 | 157 17 19 | 5 | .5 | .1 | .3 | .1 | N | N | 20 | 1,500 |
| I1525M | 62 16 41 | 156 8 23 | 3 | .5 | .2 | .2 | .3 | N | N | 20 | 1,000 |
| I1526M | 62 18 8 | 156 1 13 | 2 | .7 | .15 | .1 | .5 | N | N | 100 | 1,500 |
| I1527M | 62 25 19 | 156 4 22 | 1 | .5 | .2 | .5 | .3 | N | N | 100 | 1,000 |
| I1528M | 62 22 55 | 156 6 1 | 1.5 | 1 | .2 | .1 | .3 | N | N | 70 | 1,000 |
| I1529M | 62 29 32 | 156 13 58 | 2 | .5 | .2 | .7 | .2 | N | N | 100 | 1,000 |
| I1530M | 62 2 7 | 158 51 22 | 2 | .5 | .1 | .2 | .5 | N | N | 100 | 1,000 |
| I1531M | 62 5 47 | 158 49 21 | 1.5 | .1 | .1 | .5 | .1 | N | N | 100 | 700 |
| I1532M | 62 40 46 | 157 14 25 | 3 | 1.5 | .2 | .3 | .2 | N | N | 70 | 1,000 |
| I1533M | 62 38 24 | 157 17 10 | 1.5 | 1 | .15 | .2 | <.1 | N | N | 70 | 1,000 |
| I1534M | 62 40 25 | 157 7 22 | 3 | 1 | .15 | .3 | .3 | N | N | 70 | 1,000 |
| I1535M | 62 35 40 | 157 22 0 | 3 | .7 | .15 | .2 | .2 | N | N | 100 | 1,500 |
| I1536M | 62 31 38 | 157 20 48 | >5 | .5 | .15 | .1 | .15 | N | N | 150 | 1,500 |
| I1537M | 62 33 13 | 157 15 56 | 2 | .7 | .2 | .1 | .2 | N | N | 150 | 5,000 |
| I1539M | 62 32 53 | 157 8 49 | 3 | .5 | .2 | .1 | .3 | N | N | 100 | 1,500 |
| I1540M | 62 32 31 | 157 3 0 | 1.5 | .7 | .15 | .05 | .3 | N | N | 200 | 1,500 |
| I1541M | 62 50 18 | 156 34 8 | 3 | .3 | .1 | .5 | .1 | N | N | 50 | 1,000 |
| I1542M | 62 51 59 | 156 38 59 | 3 | 2 | .2 | .015 | .1 | N | N | 20 | 1,000 |
| I1543MD2 | 62 56 32 | 156 43 17 | 2 | .7 | .2 | .1 | .3 | N | N | 150 | 1,000 |
| I1543MD3 | 62 56 32 | 156 43 17 | 2 | .7 | .2 | .07 | .5 | N | N | 200 | 1,000 |
| I1543MD4 | 62 56 32 | 156 43 17 | 3 | .7 | .15 | .07 | .3 | N | N | 200 | 1,000 |
| I1544M | 62 59 36 | 156 41 26 | 3 | .7 | .15 | .2 | <.1 | N | N | 70 | 1,000 |
| I1545M | 62 58 56 | 156 37 8 | 1.5 | .7 | .1 | .3 | .2 | N | N | 70 | 1,000 |
| I1546M | 62 35 22 | 157 32 8 | 2 | .7 | .2 | .1 | .2 | N | N | 200 | 1,000 |
| I1547M | 62 36 3 | 157 31 46 | 2 | 1 | .2 | .1 | .2 | N | N | 150 | 1,000 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I1501M | 3 | N | N | 50 | 100 | 200 | 20 | N | N | 5,000 | 7 | <20 | 70 |
| I1502M | 2 | N | N | 30 | 70 | 700 | 20 | N | N | 1,500 | 5 | 20 | 50 |
| I1503M | 3 | N | N | 20 | 100 | 70 | 20 | N | <20 | 700 | <5 | <20 | 50 |
| I1504M | 5 | N | N | 30 | 70 | 500 | 20 | N | N | 1,000 | 5 | 50 | 70 |
| I1505MD2 | 2 | N | N | 50 | 70 | 30 | 10 | N | <20 | 2,000 | <5 | 20 | 50 |
| I1505MD3 | 5 | N | N | 50 | 70 | 300 | 20 | N | N | 1,000 | <5 | 100 | 70 |
| I1505MD4 | 5 | N | N | 50 | 70 | 500 | 20 | N | <20 | 7,000 | <5 | 50 | 70 |
| I1506MD2 | 2 | N | N | 30 | 50 | 300 | 15 | N | N | 10,000 | 10 | 30 | 70 |
| I1506MD3 | 5 | N | N | 50 | 70 | 300 | 15 | N | N | 1,500 | 5 | 20 | 50 |
| I1506MD4 | 5 | N | N | 50 | 70 | 500 | 20 | N | N | 7,000 | 5 | 50 | 70 |
| I1507MD2 | 2 | N | N | 30 | 30 | 700 | 10 | N | N | 10,000 | <5 | 20 | 50 |
| I1507MD3 | 3 | N | N | 50 | 100 | 200 | 15 | N | N | 7,000 | 10 | 20 | 50 |
| I1507MD4 | 3 | N | N | 30 | 70 | 200 | 10 | N | N | 2,000 | 10 | 20 | 50 |
| I1508M | 3 | 2 | N | 30 | 70 | 1,000 | 20 | N | N | 5,000 | 5 | <20 | 50 |
| I1509MD2 | 5 | N | N | 50 | 70 | 700 | 10 | N | N | 1,500 | 15 | 50 | 70 |
| I1510MD1 | 5 | N | N | 20 | 50 | 500 | 20 | N | N | 7,000 | 7 | 50 | 50 |
| I1511MD2 | 5 | N | N | 50 | 70 | 200 | 10 | N | <20 | 7,000 | 5 | 100 | 50 |
| I1511MD3 | 2 | N | N | 30 | 70 | 300 | 20 | N | N | 3,000 | 5 | <20 | 50 |
| I1511MD4 | 2 | N | N | 20 | 70 | 150 | 20 | N | N | 1,000 | <5 | <20 | 50 |
| I1512M | 5 | N | N | 30 | 150 | 200 | 10 | N | N | 2,000 | 10 | 20 | 70 |
| I1513M | 3 | N | N | 50 | 200 | 150 | 20 | N | <20 | 3,000 | 5 | 20 | 70 |
| I1514M | 2 | N | N | 20 | 100 | 100 | 15 | N | N | 700 | 5 | <20 | 20 |
| I1515M | .5 | N | N | 50 | 70 | 300 | 15 | N | N | >10,000 | <5 | <20 | 30 |
| I1516M | 1.5 | N | N | 100 | 100 | 100 | 15 | N | N | 10,000 | <5 | <20 | 30 |
| I1517MD2 | 3 | N | N | 50 | 70 | 500 | 15 | N | N | 1,000 | 5 | 20 | 70 |
| I1517MD3 | 1.5 | N | N | 50 | 100 | 100 | 15 | N | <20 | 300 | <5 | <20 | 30 |
| I1517MD4 | 2 | N | N | 10 | 100 | 100 | 15 | N | N | 700 | <5 | N | 20 |
| I1518M | 2 | N | N | 20 | 100 | 70 | 20 | N | N | 2,000 | <5 | <20 | 50 |
| I1519M | 3 | N | N | 20 | 100 | 20 | 10 | N | N | 1,000 | <5 | 20 | 50 |
| I1520MD2 | 2 | N | N | 30 | 100 | 30 | 15 | N | N | 7,000 | <5 | <20 | 20 |
| I1520MD3 | .7 | N | N | 20 | 50 | 150 | 10 | N | N | 10,000 | 5 | N | 15 |
| I1520MD4 | 2 | N | N | 50 | 100 | 200 | 7 | N | <20 | 10,000 | <5 | <20 | 50 |
| I1521M | 5 | N | N | 30 | 50 | 200 | 10 | N | <20 | 300 | <5 | 150 | 50 |
| I1522M | 2 | N | N | 20 | 70 | 150 | 15 | N | N | 3,000 | 5 | N | 20 |
| I1523M | 3 | N | N | 50 | 100 | 70 | 10 | N | N | 7,000 | 5 | <20 | 20 |
| I1524M | 1.5 | N | N | 70 | 150 | 70 | 15 | N | N | >10,000 | <5 | N | 30 |
| I1525M | 2 | N | N | 50 | 100 | 100 | 15 | N | N | 7,000 | <5 | <20 | 20 |
| I1526M | 3 | N | N | 50 | 100 | 700 | 10 | N | 20 | >10,000 | <5 | N | 50 |
| I1527M | 2 | N | N | 30 | 70 | 100 | 10 | N | <20 | 700 | <5 | <20 | 50 |
| I1528M | .5 | N | N | 20 | 70 | 200 | 10 | N | N | 5,000 | <5 | N | 20 |
| I1529M | 3 | N | N | 20 | 100 | 100 | 15 | N | N | 1,500 | <5 | N | 20 |
| I1530M | 3 | N | N | 50 | 100 | 100 | 15 | N | N | 10,000 | <5 | <20 | 20 |
| I1531M | 2 | N | N | 20 | 100 | 50 | 5 | N | N | 2,000 | <5 | N | 30 |
| I1532M | 2 | N | N | 50 | 500 | 30 | 15 | N | N | 5,000 | <5 | N | 30 |
| I1533M | .5 | N | N | 20 | 500 | 50 | 10 | N | N | 700 | 5 | N | 50 |
| I1534M | 2 | N | N | 50 | 200 | 100 | 10 | N | N | 7,000 | <5 | N | 30 |
| I1535M | 2 | N | N | 50 | 100 | 100 | 7 | N | N | >10,000 | 5 | N | 70 |
| I1536M | 1 | N | N | 10 | 100 | 100 | 15 | N | N | >10,000 | <5 | <20 | 30 |
| I1537M | 1 | N | N | 20 | 70 | 200 | 15 | N | N | >10,000 | 5 | N | 20 |
| I1539M | 2 | N | N | 15 | 100 | 200 | 15 | N | 50 | 3,000 | 5 | N | 70 |
| I1540M | 3 | N | N | 30 | 70 | 1,500 | 7 | N | N | 7,000 | <5 | <20 | 50 |
| I1541M | 3 | N | N | 20 | 1,000 | 50 | 15 | N | N | 700 | <5 | N | 20 |
| I1542M | N | N | N | 50 | 10 | 200 | 2 | N | N | 7,000 | 10 | N | 20 |
| I1543MD2 | 2 | N | N | 30 | 70 | 200 | 20 | N | N | 10,000 | 7 | N | 50 |
| I1543MD3 | 3 | N | N | 30 | 70 | 200 | 15 | N | N | 10,000 | 10 | N | 30 |
| I1543MD4 | 3 | N | N | 30 | 100 | 200 | 10 | N | N | 10,000 | 7 | N | 30 |
| I1544M | 2 | N | N | 50 | 100 | 30 | 15 | N | <20 | 7,000 | <5 | N | 20 |
| I1545M | 3 | N | N | 30 | 100 | 100 | 15 | N | <20 | 7,000 | 5 | 30 | 20 |
| I1546M | 2 | N | N | 20 | 70 | 200 | 15 | N | N | 5,000 | 7 | N | 50 |
| I1547M | 2 | N | N | 50 | 70 | 200 | 20 | N | N | 7,000 | 7 | N | 70 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Tl-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I1501M | 20 | N | N | 500 | 200 | N | 50 | 500 | 100 | 5 | N | N | 7.3 |
| I1502M | 20 | N | N | 500 | 200 | N | 50 | 500 | 70 | 5 | N | N | 6.4 |
| I1503M | 10 | N | N | 200 | 200 | N | 100 | 200 | 150 | 3 | N | N | 3.4 |
| I1504M | 30 | N | N | 700 | 200 | N | 150 | 300 | 50 | 3 | N | N | 11 |
| I1505MD2 | 10 | N | N | 300 | 300 | N | 50 | 300 | 100 | 3 | N | N | 1 |
| I1505MD3 | 30 | N | 5 | 500 | 200 | N | 150 | 300 | 50 | 5 | N | N | 7.1 |
| I1505MD4 | 20 | N | N | 500 | 300 | N | 70 | 300 | 50 | 5 | N | N | 8 |
| I1506MD2 | 20 | N | N | 700 | 200 | N | 100 | 300 | 70 | 3 | N | N | 4.3 |
| I1506MD3 | 20 | N | N | 700 | 200 | N | 150 | 300 | 30 | 3 | N | N | 12 |
| I1506MD4 | 20 | N | N | 500 | 300 | N | 70 | 300 | 50 | 5 | N | N | 8.8 |
| I1507MD2 | 20 | N | N | 500 | 200 | N | 70 | 100 | 30 | 5 | N | N | 16 |
| I1507MD3 | 20 | N | N | 300 | 200 | N | 70 | 500 | 100 | 2 | N | N | 5.7 |
| I1507MD4 | 15 | N | N | 500 | 200 | N | 50 | 200 | 50 | 2 | N | N | 7.7 |
| I1508M | 20 | N | N | 500 | 200 | N | 50 | 500 | 50 | 3 | N | N | 6.7 |
| I1509MD2 | 20 | N | N | 700 | 200 | N | 70 | 500 | 70 | 5 | N | N | 10 |
| I1510MD1 | 30 | N | N | 700 | 200 | N | 100 | 200 | 50 | 3 | N | N | 7.5 |
| I1511MD2 | 20 | N | N | 500 | 200 | N | 70 | 500 | 100 | 5 | N | N | 7.7 |
| I1511MD3 | 20 | N | N | 500 | 200 | N | 50 | 300 | 50 | 3 | N | N | 4.9 |
| I1511MD4 | 15 | N | N | 500 | 200 | N | 100 | 500 | 50 | 2 | N | N | 4.5 |
| I1512M | 15 | N | N | 500 | 200 | N | 50 | 200 | 70 | 2 | N | N | 25 |
| I1513M | 15 | N | N | 500 | 300 | N | 50 | <100 | 100 | 5 | N | N | 15 |
| I1514M | 15 | N | N | 500 | 200 | N | 30 | 500 | 150 | 3 | N | N | 2.7 |
| I1515M | 20 | N | N | 500 | 300 | N | 70 | 300 | 150 | 7 | N | N | .75 |
| I1516M | 15 | N | N | 300 | 300 | N | 50 | 300 | 200 | 5 | N | N | 3.1 |
| I1517MD2 | 20 | N | N | 500 | 200 | N | 50 | 500 | 150 | 3 | N | N | 4.6 |
| I1517MD3 | 15 | N | N | 500 | 300 | N | 50 | 300 | 200 | 5 | N | N | 4.4 |
| I1517MD4 | 15 | N | N | 200 | 200 | N | 30 | 300 | 200 | 2 | N | N | 3.9 |
| I1518M | 15 | N | N | 300 | 200 | N | 30 | 200 | 200 | 3 | N | N | 6 |
| I1519M | 15 | N | N | 200 | 200 | N | 30 | 200 | 150 | 2 | N | N | 2.2 |
| I1520MD2 | 10 | N | N | 300 | 200 | N | 30 | 300 | 300 | 7 | N | N | 2.1 |
| I1520MD3 | 15 | 200 | N | 500 | 100 | N | 20 | 200 | 100 | <2 | N | N | 1.2 |
| I1520MD4 | 15 | N | N | 700 | 200 | N | 50 | 500 | 100 | 2 | N | N | .9 |
| I1521M | 20 | N | N | 1,000 | 200 | N | 100 | <100 | 50 | 5 | N | N | .75 |
| I1522M | 20 | N | N | 700 | 200 | N | 50 | 300 | 70 | <2 | N | N | .8 |
| I1523M | 10 | N | N | 500 | 200 | N | 50 | 500 | 200 | 3 | N | N | 2.7 |
| I1524M | 15 | N | N | 300 | 300 | N | 30 | 500 | 100 | 7 | N | N | 2.5 |
| I1525M | 15 | N | N | 500 | 200 | N | 50 | 300 | 150 | 5 | N | N | 1.8 |
| I1526M | 20 | N | N | 700 | 200 | N | 50 | 500 | 100 | <2 | N | N | .55 |
| I1527M | 15 | N | N | 700 | 200 | N | 70 | 500 | 200 | 2 | N | N | .55 |
| I1528M | 20 | N | N | 300 | 150 | N | 30 | 300 | 100 | 2 | N | N | .9 |
| I1529M | 10 | N | N | 500 | 200 | N | 50 | 300 | 1,000 | 3 | N | N | 2.2 |
| I1530M | 15 | N | N | 500 | 200 | N | 50 | 500 | 100 | 5 | N | N | 2.3 |
| I1531M | 10 | N | N | 300 | 200 | N | 50 | 200 | 150 | <2 | N | N | .55 |
| I1532M | 10 | 50 | N | 500 | 300 | N | 30 | 300 | 100 | 5 | N | N | 1.5 |
| I1533M | 15 | N | N | 200 | 200 | N | 15 | 300 | 70 | 2 | N | N | .9 |
| I1534M | 20 | 150 | N | 500 | 200 | N | 20 | 500 | 100 | 2 | N | N | 1.7 |
| I1535M | 10 | N | N | 1,000 | 200 | N | 50 | 500 | 50 | 2 | N | N | .9 |
| I1536M | 15 | N | N | 500 | 300 | N | 50 | 500 | 50 | 10 | N | N | N |
| I1537M | 20 | N | N | 500 | 200 | N | 50 | 500 | 70 | <2 | N | N | 1.1 |
| I1539M | 15 | N | N | 300 | 200 | N | 50 | 300 | 100 | 3 | N | N | 8.4 |
| I1540M | 20 | N | N | 700 | 200 | N | 50 | 500 | 70 | <2 | N | N | 1.2 |
| I1541M | <10 | 150 | N | 200 | 200 | N | 30 | 300 | 100 | 2 | N | N | 2.1 |
| I1542M | 15 | N | N | 1,000 | 100 | N | <10 | 500 | 10 | 3 | N | N | 8.1 |
| I1543MD2 | 15 | N | N | 500 | 200 | N | 20 | 500 | 70 | 3 | N | N | 8.9 |
| I1543MD3 | 20 | N | N | 500 | 150 | N | 30 | 500 | 15 | 3 | N | N | 18 |
| I1543MD4 | 15 | N | N | 500 | 150 | N | 20 | 500 | 50 | 3 | N | N | 16 |
| I1544M | 10 | N | N | 500 | 200 | N | 30 | 500 | 50 | 3 | N | N | 2.4 |
| I1545M | 10 | N | N | 500 | 200 | N | 50 | 300 | 100 | 2 | N | N | 4.7 |
| I1546M | 15 | N | N | 500 | 150 | N | 20 | 300 | 50 | 2 | N | N | 4.9 |
| I1547M | 15 | N | N | 500 | 200 | N | 50 | 300 | 100 | 3 | N | N | 3.1 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Mn-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| I1548M | 62 31 33 | 157 49 38 | 2 | .5 | .3 | .5 | .3 | N | N | 100 | 1,000 |
| I1549M | 62 31 55 | 157 50 11 | 5 | .7 | .2 | .7 | .2 | N | N | 50 | 1,500 |
| I1551M | 62 29 42 | 157 46 30 | 2 | .7 | .2 | .15 | .3 | N | N | 100 | 1,500 |
| I1552M | 62 28 5 | 156 58 50 | 3 | 1 | .15 | .7 | .2 | N | N | 200 | 1,000 |
| I1553M | 62 28 7 | 156 58 43 | 1 | .7 | .15 | .1 | .2 | N | N | 150 | 1,000 |
| I1554M | 62 26 8 | 157 1 48 | 1.5 | .5 | .3 | .3 | .7 | N | N | 150 | 1,000 |
| I1555M | 62 24 8 | 157 1 31 | 2 | .7 | .2 | .1 | .5 | N | N | 200 | 1,000 |
| I1556M | 62 16 39 | 156 48 19 | 2 | .7 | .2 | .15 | .5 | N | N | 100 | 1,000 |
| I1557M | 62 17 57 | 156 51 17 | 5 | .7 | .2 | .2 | .3 | N | N | 100 | 1,000 |
| I1558M | 62 18 46 | 156 49 42 | 2 | .7 | .2 | .15 | .5 | N | N | 100 | 1,000 |
| I1559M | 62 18 8 | 156 42 3 | 1 | 1 | .2 | .05 | 7 | N | N | 300 | 1,000 |
| I1560M | 62 9 41 | 157 39 32 | 1.5 | .7 | .15 | .2 | .15 | N | N | 100 | 1,000 |
| I1561M | 62 10 14 | 157 44 20 | 3 | 1 | .2 | .2 | .3 | N | N | 200 | 1,000 |
| I1562M | 62 43 19 | 156 6 47 | >5 | .5 | .2 | >1 | .1 | <200 | N | 150 | 1,000 |
| I1563M | 62 43 17 | 156 6 50 | >5 | .5 | .2 | .07 | <.1 | N | N | 150 | 1,000 |
| I1564M | 62 47 4 | 156 0 2 | 3 | .5 | .2 | .1 | .2 | N | N | 100 | 1,000 |
| I1565M | 62 53 16 | 156 15 18 | 2 | 1 | .3 | .2 | .2 | N | N | 200 | 1,000 |
| I1566M | 62 53 27 | 156 4 57 | .2 | .7 | .2 | .1 | .2 | N | N | 150 | 700 |
| I1567M | 62 39 56 | 156 10 35 | 3 | 1 | .2 | .7 | .2 | 1,000 | N | 300 | 1,500 |
| I1568M | 62 39 8 | 157 3 51 | 1.5 | 1.5 | .2 | .05 | .1 | N | N | 150 | 1,000 |
| I1569M | 62 36 52 | 157 4 6 | 2 | .7 | .2 | .07 | .5 | N | N | 150 | 2,000 |
| I1570M | 62 28 23 | 157 52 1 | 3 | 1 | .2 | .1 | .7 | N | N | 100 | 1,500 |
| I1571M | 62 24 12 | 157 53 35 | 2 | .7 | .2 | .5 | .2 | N | N | 100 | 1,000 |

**Table 3.** Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I1548M | 2 | N | N | 10 | 100 | 50 | 20 | N | N | 500 | <5 | N | 30 |
| I1549M | 2 | N | N | 50 | 200 | 50 | 10 | N | N | 7,000 | <5 | N | 50 |
| I1551M | 2 | N | N | 30 | 70 | 200 | 20 | N | N | 5,000 | 5 | N | 70 |
| I1552M | 3 | N | 10 | 70 | 50 | 200 | 15 | N | N | >10,000 | 5 | N | 50 |
| I1553M | 1 | N | N | 30 | 70 | 200 | 15 | N | N | 1,000 | 5 | <20 | 50 |
| I1554M | 1 | N | 50 | 50 | 70 | 200 | 10 | N | N | 1,500 | 10 | 30 | 30 |
| I1555M | 1.5 | N | 20 | 30 | 70 | 200 | 15 | N | <20 | 10,000 | 10 | 20 | 70 |
| I1556M | 3 | N | N | 30 | 100 | 200 | 20 | N | N | 5,000 | 10 | N | 50 |
| I1557M | 3 | N | N | 20 | 100 | 150 | 20 | N | N | 7,000 | 7 | <20 | 50 |
| I1558M | 2 | N | N | 30 | 70 | 200 | 15 | N | N | 7,000 | 7 | N | 50 |
| I1559M | 50 | <1 | 50 | 50 | 50 | 300 | 10 | N | 300 | 1,500 | 10 | 100 | 70 |
| I1560M | 1 | N | N | 20 | 50 | 200 | 15 | N | N | 7,000 | 7 | N | 30 |
| I1561M | 1.5 | N | N | 50 | 70 | 200 | 10 | <2 | N | 5,000 | 10 | <20 | 50 |
| I1562M | 3 | N | N | 100 | 70 | 200 | 15 | N | N | >10,000 | <5 | <20 | 100 |
| I1563M | 5 | N | N | 100 | 100 | 200 | 10 | N | N | 10,000 | 5 | 20 | 70 |
| I1564M | 2 | N | N | 30 | 70 | 200 | 15 | N | N | 7,000 | 5 | <20 | 50 |
| I1565M | 5 | N | N | 50 | 50 | 200 | 15 | N | 20 | 5,000 | 7 | 30 | 30 |
| I1566M | 2 | N | N | 50 | 70 | 300 | 10 | N | N | 3,000 | 10 | N | 50 |
| I1567M | 5 | N | N | 50 | 100 | 200 | 20 | N | N | >10,000 | 5 | 50 | 50 |
| I1568M | 5 | N | N | 50 | 70 | 200 | 15 | 5 | N | 2,000 | 5 | N | 20 |
| I1569M | 3 | N | N | 30 | 70 | 200 | 15 | N | N | 10,000 | 7 | 20 | 70 |
| I1570M | 5 | N | N | 30 | 70 | 700 | 20 | N | N | 3,000 | 7 | <20 | 70 |
| I1571M | 2 | N | N | 50 | 70 | 200 | 20 | N | <20 | 5,000 | 5 | <20 | 50 |

Table 3. Results of analyses of moss samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Tl-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I1548M | 15 | N | N | 500 | 200 | N | 30 | 500 | 150 | 2 | N | N | 4.1 |
| I1549M | 15 | N | N | 500 | 300 | N | 50 | 500 | 200 | 3 | N | N | .6 |
| I1551M | 20 | N | N | 500 | 200 | N | 50 | 300 | 70 | 3 | N | N | 6.7 |
| I1552M | 15 | N | N | 300 | 200 | N | 50 | 700 | 20 | 5 | N | N | 9.9 |
| I1553M | 15 | N | N | 500 | 200 | N | 50 | 500 | 20 | <2 | N | N | 17 |
| I1554M | 15 | N | 50 | 700 | 100 | N | 70 | 500 | 70 | <2 | N | N | 4.9 |
| I1555M | 15 | N | N | 700 | 200 | N | 70 | 1,000 | 50 | <2 | N | N | 26 |
| I1556M | 15 | N | N | 500 | 200 | N | 30 | 500 | 100 | 3 | N | N | 5.3 |
| I1557M | 20 | N | N | 700 | 200 | N | 70 | 500 | 50 | 3 | N | N | 4.9 |
| I1558M | 15 | N | N | 500 | 200 | N | 30 | 300 | 50 | 3 | N | N | 6 |
| I1559M | 70 | N | N | 700 | 50 | N | 100 | 2,000 | 20 | <2 | N | N | 490 |
| I1560M | 10 | N | N | 500 | 150 | N | 50 | 300 | 50 | <2 | N | N | 12 |
| I1561M | 15 | N | N | 500 | 200 | N | 30 | 200 | 100 | 3 | N | N | 8.7 |
| I1562M | 20 | N | N | 300 | 200 | N | 30 | 500 | 70 | 10 | N | N | 12 |
| I1563M | 20 | N | N | 500 | 200 | N | 70 | 500 | 50 | 7 | N | N | 11 |
| I1564M | 15 | N | N | 300 | 200 | N | 50 | 300 | 100 | 5 | N | N | 5.6 |
| I1565M | 20 | N | N | 500 | 200 | N | 50 | 500 | 30 | 3 | N | N | 10 |
| I1566M | 15 | N | N | 1,000 | 200 | N | 50 | 200 | 50 | 2 | N | N | 7.8 |
| I1567M | 20 | N | N | 700 | 200 | N | 70 | 300 | 150 | 5 | N | N | 9.1 |
| I1568M | 15 | N | N | 500 | 150 | N | 30 | 500 | 20 | <2 | N | N | 36 |
| I1569M | 20 | N | N | 300 | 150 | N | 50 | 500 | 20 | 3 | N | N | 4.7 |
| I1570M | 20 | N | N | 700 | 200 | N | 50 | 500 | 70 | 3 | N | N | 4.6 |
| I1571M | 20 | N | N | 300 | 200 | N | 30 | 500 | 70 | 5 | N | N | 4.4 |

**Table 4.** Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska.

[N, not detected; <, detected but below the limit of determination shown; >, determined to be greater than the value shown. SQS, semiquantitative spectrographic analysis; inst., instrumental UV-fluorescence analysis; pct., percent; ppm, parts per million.]

| Sample | Latitude | Longitude | Ca-pct. SQS | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S0066M | 62 27 13 | 158 21 55 | .5 | 10 | 1.5 | -- | .7 | N | N | N | 200 |
| S0083M | 62 17 39 | 157 10 38 | .2 | 3 | 1 | -- | .5 | N | N | N | 200 |
| S0084M | 62 17 1 | 157 5 49 | .5 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0085M | 62 17 3 | 157 4 15 | .7 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0086M | 62 17 38 | 157 1 55 | .2 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0087M | 62 18 8 | 157 1 52 | .5 | 7 | 1.5 | -- | 1 | N | N | N | 200 |
| S0088M | 62 11 35 | 157 17 13 | .5 | 10 | 1.5 | -- | .7 | N | N | N | 200 |
| S0089M | 62 10 38 | 157 15 15 | .7 | 5 | 1.5 | -- | .7 | N | N | N | 300 |
| S0090M | 62 11 4 | 157 14 41 | .5 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0091M | 62 13 8 | 157 15 51 | .2 | 10 | 1.5 | -- | 1 | N | N | N | 200 |
| S0093M | 62 27 21 | 157 47 9 | .5 | 7 | 2 | -- | 1 | N | N | N | 200 |
| S0094M | 62 27 48 | 157 43 12 | .2 | 10 | 1.5 | -- | 1 | N | N | N | 200 |
| S0095M | 62 29 21 | 157 47 39 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 300 |
| S0099M | 62 51 36 | 156 59 2 | 1 | 5 | 1.5 | -- | .5 | <.5 | N | N | 700 |
| S0100M | 62 51 34 | 156 58 56 | 1 | 3 | 1.5 | -- | .5 | .5 | N | N | 500 |
| S0101MD2 | 62 51 13 | 157 0 12 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0102M | 62 50 44 | 157 2 58 | 1 | 5 | 2 | -- | .3 | 1 | N | N | 200 |
| S0103M | 62 52 32 | 157 3 13 | .7 | 2 | 1 | -- | .2 | 1 | N | N | 150 |
| S0104M | 62 53 0 | 157 2 48 | 1.5 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0105M | 62 53 0 | 157 2 36 | 3 | 15 | 2 | -- | >1 | N | N | N | 1,000 |
| S0106M | 62 53 7 | 157 1 13 | .7 | 5 | 1.5 | -- | 1 | 1 | N | N | 300 |
| S0107M | 62 53 26 | 157 1 4 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 500 |
| S0108M | 62 53 28 | 157 1 5 | 1 | 5 | 1.5 | -- | .5 | N | N | N | 500 |
| S0109M | 62 52 28 | 157 4 18 | 1 | 3 | 1 | -- | .7 | N | N | N | 200 |
| S0110M | 62 49 32 | 156 57 26 | 1 | 5 | 5 | -- | .5 | .5 | N | N | 500 |
| S0111M | 62 49 34 | 156 57 18 | 1.5 | 10 | 2 | -- | .5 | 1 | N | N | 1,000 |
| S0112M | 62 17 51 | 156 46 48 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 1,000 |
| S0113M | 62 16 24 | 156 48 38 | .5 | 7 | 1.5 | -- | .7 | N | N | N | 200 |
| S0114M | 62 17 4 | 156 43 36 | 1 | 5 | 2 | -- | 1 | 1 | N | N | 2,000 |
| S0115M | 62 17 57 | 156 40 19 | .5 | 3 | 1 | -- | .5 | 1 | N | N | 500 |
| S0116M | 62 18 50 | 156 38 36 | .7 | 5 | 1.5 | -- | .5 | 1.5 | N | N | 1,000 |
| S0117M | 62 22 22 | 156 38 3 | .5 | 3 | 1.5 | -- | .7 | N | N | N | 200 |
| S0118M | 62 22 13 | 156 44 10 | 1 | 7 | 2 | -- | .7 | .5 | N | N | 500 |
| S0119M | 62 21 48 | 156 47 44 | .5 | 3 | 1 | -- | .5 | N | N | N | 300 |
| S0120M | 62 18 20 | 156 51 24 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0121M | 62 19 40 | 156 45 36 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 500 |
| S0122M | 62 15 22 | 156 53 19 | 1 | 10 | 2 | -- | .7 | N | N | N | 300 |
| S0123M | 62 17 18 | 156 56 25 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0124M | 62 24 53 | 157 5 54 | .5 | 5 | 1 | -- | .5 | .5 | N | N | 200 |
| S0125M | 62 26 5 | 157 5 20 | .7 | 5 | 1.5 | -- | .5 | N | N | N | 500 |
| S0126M | 62 26 14 | 157 3 39 | .5 | 5 | 1.5 | -- | .5 | .5 | N | N | 300 |
| S0127M | 62 26 33 | 157 2 58 | .5 | 7 | 1.5 | -- | .7 | N | N | N | 500 |
| S0128M | 62 23 49 | 157 9 23 | .2 | 5 | 1 | -- | .5 | N | N | N | 150 |
| S0129M | 62 21 6 | 157 9 37 | .5 | 3 | .5 | -- | .5 | N | N | N | 300 |
| S0130M | 62 19 37 | 157 8 41 | .5 | 7 | 1 | -- | .7 | N | N | N | 200 |
| S0131M | 62 24 0 | 157 1 50 | .5 | 2 | .7 | -- | .3 | <.5 | N | N | 200 |
| S0132M | 62 21 4 | 157 3 41 | .5 | 5 | 1 | -- | .7 | N | N | N | 300 |
| S0133M | 62 21 5 | 157 1 49 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0134M | 62 20 35 | 157 3 15 | .5 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0135M | 62 19 34 | 157 15 39 | .5 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0136M | 62 21 43 | 157 14 9 | .5 | 5 | 1 | -- | .7 | N | N | N | 300 |
| S0137M | 62 22 5 | 157 16 39 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0138M | 62 24 15 | 157 19 6 | .5 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0139M | 62 22 27 | 156 57 5 | .7 | 5 | 1.5 | -- | .7 | N | N | N | 500 |
| S0140M | 62 28 11 | 156 58 52 | .5 | 3 | 1.5 | -- | .5 | N | N | N | 300 |
| S0141M | 62 29 18 | 156 58 55 | .7 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0142M | 62 29 0 | 157 5 10 | .2 | 5 | 1 | -- | .5 | N | N | N | 500 |
| S0143M | 62 28 11 | 157 6 48 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0144MD1 | 62 27 21 | 157 11 59 | .5 | 3 | 1 | -- | .5 | N | N | N | 300 |
| S0144MD2 | 62 27 21 | 157 11 59 | .2 | 3 | 1 | -- | .5 | N | N | N | 200 |

**Table 4.** Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ba-ppm SQS | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0066M | 700 | 1 | N | N | 20 | 500 | 20 | -- | -- | 30 | 500 | <5 | <20 |
| S0083M | 700 | <1 | N | N | 20 | 70 | 15 | -- | -- | 20 | 500 | N | N |
| S0084M | 1,000 | 1 | N | N | 20 | 100 | 20 | -- | -- | N | 1,000 | N | N |
| S0085M | 1,000 | 2 | N | N | 20 | 100 | 30 | -- | -- | 20 | 1,000 | <5 | <20 |
| S0086M | 1,000 | <1 | N | N | 20 | 200 | 15 | -- | -- | 20 | 700 | N | N |
| S0087M | 1,000 | 2 | N | N | 20 | 200 | 20 | -- | -- | 20 | 1,500 | <5 | <20 |
| S0088M | 1,000 | 1 | N | N | 20 | 300 | 20 | -- | -- | 50 | 2,000 | <5 | N |
| S0089M | 1,000 | 1.5 | N | N | 20 | 200 | 30 | -- | -- | 20 | 500 | N | N |
| S0090M | 1,000 | 1 | N | N | 20 | 200 | 30 | -- | -- | 50 | 1,000 | N | <20 |
| S0091M | 1,000 | 1 | N | N | 20 | 100 | 50 | -- | -- | <20 | 1,500 | <5 | <20 |
| S0093M | 1,000 | 1 | N | N | 30 | 300 | 30 | -- | -- | 50 | 1,000 | N | <20 |
| S0094M | 700 | 1 | N | N | 30 | 500 | 20 | -- | -- | 20 | 1,000 | <5 | <20 |
| S0095M | 1,000 | 1 | N | N | 20 | 300 | 20 | -- | -- | <20 | 700 | N | N |
| S0099M | 700 | 5 | N | N | 20 | 100 | 100 | -- | -- | 50 | 1,000 | <5 | N |
| S0100M | 700 | 5 | N | N | 20 | 100 | 100 | -- | -- | 50 | 1,000 | <5 | N |
| S0101MD2 | 700 | 1 | N | N | 30 | 1,000 | 20 | -- | -- | 20 | 1,000 | <5 | N |
| S0102M | 500 | 3 | N | N | 10 | 200 | 50 | -- | -- | N | 1,000 | N | N |
| S0103M | 500 | 5 | N | N | 10 | 50 | 70 | -- | -- | <20 | 1,000 | N | N |
| S0104M | 700 | 5 | N | N | 20 | 150 | 20 | -- | -- | 20 | 1,000 | <5 | 20 |
| S0105M | 1,000 | 5 | N | N | 30 | 500 | 70 | -- | -- | 30 | 1,500 | 7 | 30 |
| S0106M | 700 | 3 | N | N | 20 | 100 | 100 | -- | -- | 50 | 1,500 | 5 | 20 |
| S0107M | 500 | 5 | N | N | 10 | 200 | 70 | -- | -- | 50 | 1,000 | <5 | <20 |
| S0108M | 700 | 5 | N | N | 20 | 200 | 50 | -- | -- | 30 | 1,000 | <5 | <20 |
| S0109M | 500 | 5 | N | N | 10 | 100 | 20 | -- | -- | <20 | 1,000 | <5 | <20 |
| S0110M | 1,000 | 3 | N | N | 30 | 500 | 200 | -- | -- | 20 | 1,000 | <5 | N |
| S0111M | 1,000 | 7 | N | N | 30 | 500 | 100 | -- | -- | 50 | 1,500 | <5 | N |
| S0112M | 1,000 | 2 | N | N | 20 | 150 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0113M | 700 | <1 | N | N | 30 | 150 | 30 | -- | -- | 20 | 1,000 | <5 | N |
| S0114M | 1,500 | 1.5 | N | N | 20 | 200 | 50 | -- | -- | 20 | 1,000 | N | <20 |
| S0115M | 1,000 | 1 | N | N | 20 | 150 | 20 | -- | -- | <20 | 1,000 | N | <20 |
| S0116M | 1,500 | 1.5 | N | N | 20 | 200 | 30 | -- | -- | 30 | 1,000 | <5 | N |
| S0117M | 700 | 1 | N | N | 20 | 100 | 20 | -- | -- | 30 | 700 | N | N |
| S0118M | 1,000 | 1.5 | N | N | 20 | 200 | 50 | -- | -- | 30 | 1,500 | <5 | N |
| S0119M | 1,000 | 1.5 | N | N | 20 | 50 | 20 | -- | -- | 50 | 700 | N | <20 |
| S0120M | 700 | <1 | N | N | 30 | 300 | 20 | -- | -- | N | 700 | <5 | N |
| S0121M | 1,000 | 2 | N | N | 20 | 150 | 30 | -- | -- | <20 | 1,000 | N | N |
| S0122M | 1,000 | 1 | N | N | 30 | 100 | 30 | -- | -- | <20 | 1,000 | <5 | <20 |
| S0123M | 700 | 1 | N | N | 30 | 200 | 30 | -- | -- | 50 | 1,000 | N | N |
| S0124M | 700 | 1.5 | N | N | 20 | 100 | 30 | -- | -- | <20 | 1,500 | <5 | N |
| S0125M | 1,000 | 2 | N | N | 20 | 100 | 30 | -- | -- | 50 | 1,000 | <5 | N |
| S0126M | 1,000 | 1 | N | N | 15 | 50 | 30 | -- | -- | 20 | 700 | N | N |
| S0127M | 1,000 | 1 | N | N | 20 | 100 | 50 | -- | -- | 20 | 1,000 | <5 | N |
| S0128M | 700 | 2 | N | N | 30 | 50 | 20 | -- | -- | <20 | 1,000 | <5 | N |
| S0129M | 1,000 | 1 | N | N | 20 | 100 | 20 | -- | -- | 20 | 700 | N | N |
| S0130M | 1,000 | 1 | N | N | 20 | 200 | 20 | -- | -- | 30 | 700 | <5 | <20 |
| S0131M | 700 | 2 | N | N | 20 | 50 | 20 | -- | -- | 100 | 1,000 | <5 | N |
| S0132M | 1,000 | 1.5 | N | N | 20 | 200 | 30 | -- | -- | 20 | 1,000 | <5 | N |
| S0133M | 1,000 | 1.5 | N | N | 20 | 300 | 30 | -- | -- | <20 | 1,000 | <5 | <20 |
| S0134M | 1,000 | 1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,000 | N | <20 |
| S0135M | 1,000 | 1.5 | N | N | 20 | 100 | 30 | -- | -- | <20 | 700 | N | N |
| S0136M | 1,000 | 1.5 | N | N | 20 | 500 | 20 | -- | -- | 20 | 500 | N | <20 |
| S0137M | 1,000 | 2 | N | N | 20 | 150 | 20 | -- | -- | <20 | 1,000 | <5 | N |
| S0138M | 700 | 1.5 | N | N | 20 | 300 | 30 | -- | -- | 20 | 1,000 | N | N |
| S0139M | 1,500 | 1.5 | N | N | 20 | 200 | 30 | -- | -- | 50 | 1,000 | <5 | <20 |
| S0140M | 1,000 | 1 | N | N | 20 | 50 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0141M | 1,000 | 2 | N | N | 20 | 100 | 30 | -- | -- | 20 | 1,000 | N | N |
| S0142M | 1,000 | 1 | N | N | 20 | 100 | 20 | -- | -- | N | 500 | N | <20 |
| S0143M | 1,000 | 2 | N | N | 20 | 150 | 20 | -- | -- | <20 | 1,000 | <5 | N |
| S0144MD1 | 1,000 | 2 | N | N | 20 | 70 | 20 | -- | -- | <20 | 700 | <5 | N |
| S0144MD2 | 500 | 1 | N | N | 10 | 100 | 20 | -- | -- | <20 | 500 | N | N |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ni-ppm SQS | Pb-ppm SQS | Sb-ppm SQS | Sc-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | Th-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0066M | 70 | 10 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 500 | .65 |
| S0083M | 50 | <10 | N | 10 | N | N | N | 200 | N | 20 | <200 | 500 | .9 |
| S0084M | 50 | <10 | N | 15 | N | N | N | 200 | N | 20 | <200 | 500 | .75 |
| S0085M | 50 | 10 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.1 |
| S0086M | 50 | <10 | N | 10 | N | N | N | 200 | N | 20 | <200 | 500 | .85 |
| S0087M | 100 | <10 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 1,000 | 1.1 |
| S0088M | 50 | <10 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 1,000 | .7 |
| S0089M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 300 | .65 |
| S0090M | 50 | 10 | N | 10 | N | <100 | N | 200 | N | 30 | <200 | 300 | .75 |
| S0091M | 50 | 10 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 500 | .55 |
| S0093M | 100 | 15 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 700 | .55 |
| S0094M | 100 | 10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | .35 |
| S0095M | 50 | 10 | N | 15 | N | N | N | N | N | 30 | <200 | 300 | .6 |
| S0099M | 70 | 50 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 200 | 22 |
| S0100M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 200 | 12 |
| S0101MD2 | 50 | 10 | N | 15 | N | 100 | N | 200 | N | 30 | <200 | 200 | 24 |
| S0102M | 50 | 100 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 200 | 9.7 |
| S0103M | 30 | 50 | N | 10 | N | N | N | 100 | N | 50 | <200 | 100 | 51 |
| S0104M | 50 | 20 | N | 15 | N | 200 | N | 200 | N | 30 | <200 | 300 | 22 |
| S0105M | 30 | 50 | N | 20 | N | 200 | N | 300 | N | 50 | <200 | 500 | 13 |
| S0106M | 30 | 70 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | 12 |
| S0107M | 30 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 200 | 12 |
| S0108M | 50 | 70 | N | 15 | N | 100 | N | 200 | N | 30 | <200 | 200 | 30 |
| S0109M | 20 | 10 | N | 10 | N | 100 | N | 200 | N | 30 | <200 | 300 | 17 |
| S0110M | 100 | 70 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 200 | 50 |
| S0111M | 100 | 100 | N | 20 | N | 200 | N | 200 | N | 50 | <200 | 200 | 24 |
| S0112M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 200 | 2 |
| S0113M | 50 | 15 | N | 20 | N | N | N | 200 | N | 30 | <200 | 200 | .7 |
| S0114M | 50 | 100 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 300 | 2.8 |
| S0115M | 30 | 50 | N | 10 | N | <100 | N | 100 | N | 200 | <200 | 200 | 3.5 |
| S0116M | 50 | 100 | N | 20 | N | 100 | N | N | N | 50 | <200 | 300 | 5.3 |
| S0117M | 30 | <10 | N | 15 | N | N | N | 200 | N | 30 | N | 300 | 1.2 |
| S0118M | 50 | 100 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 500 | 1.1 |
| S0119M | 50 | 10 | N | 15 | N | 100 | N | 200 | N | 50 | <200 | 500 | .75 |
| S0120M | 50 | 10 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 200 | .8 |
| S0121M | 50 | <10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 300 | .75 |
| S0122M | 70 | 20 | N | 20 | N | <100 | N | N | N | 50 | <200 | 500 | 1.7 |
| S0123M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 300 | .65 |
| S0124M | 50 | 15 | N | 15 | N | N | N | 200 | N | 30 | <200 | 200 | 1.8 |
| S0125M | 50 | 15 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 500 | .8 |
| S0126M | 30 | <10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 200 | 1.7 |
| S0127M | 70 | 20 | N | 15 | 30 | <100 | N | N | N | 50 | <200 | 700 | 1.1 |
| S0128M | 50 | 10 | N | 20 | N | 100 | N | 150 | N | 30 | <200 | 500 | .6 |
| S0129M | 50 | 15 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 500 | .65 |
| S0130M | 70 | <10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 500 | .9 |
| S0131M | 30 | <10 | N | 15 | N | 100 | N | 200 | N | 30 | <200 | 200 | 2.1 |
| S0132M | 50 | 10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 300 | 1.4 |
| S0133M | 70 | <10 | N | 15 | 50 | <100 | N | 200 | N | 30 | <200 | 500 | .7 |
| S0134M | 50 | N | N | 15 | N | N | N | 200 | N | 20 | <200 | 500 | .65 |
| S0135M | 50 | 10 | N | 15 | N | N | N | N | N | 30 | <200 | 500 | .75 |
| S0136M | 50 | <10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 700 | 1.6 |
| S0137M | 50 | <10 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 300 | .9 |
| S0138M | 50 | <10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 300 | .8 |
| S0139M | 50 | 10 | N | 20 | N | <100 | N | N | N | 50 | <200 | 500 | .9 |
| S0140M | 50 | 10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 200 | 1.5 |
| S0141M | 50 | 10 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 300 | .85 |
| S0142M | 50 | <10 | N | 15 | N | N | N | 200 | N | 20 | <200 | 300 | .9 |
| S0143M | 50 | 10 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 200 | 1.7 |
| S0144MD1 | 50 | <10 | N | 20 | N | <100 | N | 150 | N | 30 | <200 | 300 | 1.3 |
| S0144MD2 | 30 | <10 | N | 15 | N | N | N | 150 | N | 20 | <200 | 200 | .75 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Ca-pct. SQS | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S0145M | 62 27 33 | 157 14 11 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0146M | 62 27 55 | 157 15 19 | .2 | 5 | 1.5 | -- | .5 | N | N | N | 300 |
| S0147M | 62 29 15 | 157 11 48 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0148M | 62 29 41 | 157 21 21 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 500 |
| S0149M | 62 27 8 | 157 19 42 | .5 | 5 | 1 | -- | .5 | N | N | N | 300 |
| S0150M | 62 26 26 | 157 19 1 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0151M | 62 25 38 | 157 21 38 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0152M | 62 25 48 | 157 23 21 | .5 | 3 | 1 | -- | .5 | N | N | N | 200 |
| S0153M | 62 21 23 | 156 58 59 | .5 | 5 | 1 | -- | .5 | N | N | N | 300 |
| S0154M | 62 6 45 | 158 28 9 | 1.5 | 5 | 3 | -- | .7 | N | N | N | 70 |
| S0155M | 62 8 48 | 158 27 35 | 1 | 5 | 2 | -- | .7 | N | N | N | 200 |
| S0156M | 62 8 4 | 158 21 21 | .5 | 10 | 1.5 | -- | .7 | N | N | N | 200 |
| S0157M | 62 6 15 | 158 23 0 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0158M | 62 6 12 | 158 23 7 | .5 | 5 | 1 | -- | .7 | N | N | N | 150 |
| S0159M | 62 11 55 | 158 21 10 | 2 | 10 | 3 | -- | .5 | N | N | N | 100 |
| S0160M | 62 13 51 | 158 22 32 | .3 | .5 | .1 | -- | .1 | N | N | N | 100 |
| S0161M | 62 14 29 | 158 19 10 | 1 | 5 | 1.5 | -- | 1 | N | N | N | 200 |
| S0162M | 62 21 48 | 157 49 40 | .5 | 10 | 1.5 | -- | .7 | N | N | N | 200 |
| S0163M | 62 23 12 | 157 47 5 | 1 | 10 | 1 | -- | 1 | N | N | N | 200 |
| S0164M | 62 19 51 | 157 47 39 | .5 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0165M | 62 20 3 | 157 42 41 | .5 | 5 | 1.5 | -- | 1 | N | N | N | 200 |
| S0166M | 62 19 51 | 157 39 12 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0167M | 62 19 53 | 157 39 9 | .5 | 10 | 1.5 | -- | .7 | N | N | N | 200 |
| S0168M | 62 22 14 | 157 40 30 | .7 | 10 | 1.5 | -- | .5 | N | N | N | 200 |
| S0169M | 62 21 3 | 157 22 0 | .5 | 7 | 1 | -- | .7 | N | N | N | 150 |
| S0170M | 62 23 48 | 157 24 17 | .3 | 3 | .5 | -- | .3 | N | N | N | 50 |
| S0171M | 62 24 8 | 157 26 15 | .2 | 5 | 1 | -- | .5 | N | N | N | 100 |
| S0172M | 62 25 4 | 157 28 2 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 100 |
| S0173M | 62 28 14 | 157 28 15 | .5 | 3 | 1.5 | -- | .5 | N | N | N | 200 |
| S0174M | 62 29 39 | 157 27 47 | .5 | 3 | 1.5 | -- | .5 | N | N | N | 200 |
| S0175M | 62 28 13 | 157 32 38 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0176M | 62 27 41 | 157 32 17 | .5 | 10 | 1 | -- | 1 | N | N | N | 100 |
| S0177M | 62 27 22 | 157 34 52 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 100 |
| S0178M | 62 29 39 | 157 38 14 | .5 | 10 | 1.5 | -- | >1 | N | N | N | 200 |
| S0179M | 62 26 20 | 157 37 15 | .7 | 7 | 1.5 | -- | .5 | N | N | N | 200 |
| S0180M | 62 24 18 | 157 42 1 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0181M | 62 38 47 | 157 37 5 | .2 | 7 | 1 | -- | 1 | N | N | N | 200 |
| S0182M | 62 37 18 | 157 36 8 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0183M | 62 35 31 | 157 36 55 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 150 |
| S0184M | 62 35 50 | 157 34 28 | .5 | 10 | 1 | -- | .7 | N | N | N | 200 |
| S0185M | 62 34 9 | 157 35 42 | .3 | 2 | .5 | -- | .3 | N | N | N | 50 |
| S0186M | 62 32 55 | 157 31 5 | .5 | 10 | 1.5 | -- | 1 | N | N | N | 200 |
| S0187M | 62 32 51 | 157 31 0 | .3 | 5 | 1 | -- | .3 | N | N | N | 200 |
| S0188M | 62 31 26 | 157 35 1 | .7 | 5 | 1.5 | -- | 1 | N | N | N | 200 |
| S0189M | 62 30 21 | 157 34 45 | .1 | 2 | 1 | -- | .3 | N | N | N | 200 |
| S0190M | 62 33 56 | 157 28 29 | .2 | 5 | 1.5 | -- | .5 | N | N | N | 100 |
| S0191M | 62 32 36 | 157 23 10 | 1 | 5 | 3 | -- | .3 | N | N | N | 100 |
| S0192M | 62 31 58 | 157 24 22 | .3 | 5 | 1.5 | -- | .5 | N | N | N | 150 |
| S0193M | 62 34 55 | 157 22 10 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 150 |
| S0194M | 62 35 48 | 157 26 26 | .5 | 5 | 1 | -- | .5 | N | N | N | 100 |
| S0195M | 62 37 1 | 157 22 27 | .2 | 3 | 1 | -- | .5 | N | N | N | 100 |
| S0196M | 62 36 28 | 157 20 11 | 5 | 10 | 7 | -- | .5 | N | N | N | 100 |
| S0239M | 62 46 49 | 157 32 28 | .5 | 3 | 1.5 | -- | .7 | N | N | N | 300 |
| S0240M | 62 48 44 | 157 32 21 | .5 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0241M | 62 51 32 | 157 33 35 | 1.5 | 7 | 2 | -- | .5 | N | N | N | 200 |
| S0242M | 62 51 29 | 157 36 44 | .5 | 10 | 1.5 | -- | 1 | N | N | N | 300 |
| S0243M | 62 49 59 | 157 37 30 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 300 |
| S0244MD2 | 62 47 41 | 157 38 42 | .3 | 3 | 1 | -- | .7 | <.5 | N | N | 200 |
| S0245M | 62 45 46 | 157 42 23 | .5 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0246M | 62 45 49 | 157 48 51 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 200 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ba-ppm SQS | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0145M | 700 | <1 | N | N | 20 | 150 | 20 | -- | -- | N | 1,000 | N | N |
| S0146M | 1,000 | 1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,000 | <5 | N |
| S0147M | 1,000 | 2 | N | N | 20 | 200 | 20 | -- | -- | <20 | 1,000 | <5 | N |
| S0148M | 1,000 | 1.5 | N | N | 30 | 300 | 50 | -- | -- | <20 | 1,500 | <5 | N |
| S0149M | 1,500 | 1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 700 | N | N |
| S0150M | 1,000 | 15 | N | N | 20 | 100 | 50 | -- | -- | <20 | 1,000 | <5 | <20 |
| S0151M | 700 | 2 | N | N | 20 | 300 | 20 | -- | -- | <20 | 500 | N | N |
| S0152M | 1,000 | 1 | N | N | 10 | 500 | 20 | -- | -- | <20 | 500 | N | N |
| S0153M | 1,000 | 1 | N | N | 20 | 300 | 20 | -- | -- | <20 | 1,000 | <5 | <20 |
| S0154M | 1,000 | 1 | N | N | 30 | 500 | 10 | -- | -- | <20 | 1,500 | N | N |
| S0155M | 700 | 1 | N | N | 30 | 200 | 10 | -- | -- | <20 | 1,000 | N | N |
| S0156M | 1,000 | 1 | N | N | 30 | 200 | 20 | -- | -- | 20 | 2,000 | <5 | N |
| S0157M | 700 | 1 | N | N | 20 | 100 | 15 | -- | -- | <20 | 2,000 | N | N |
| S0158M | 1,000 | 1.5 | N | N | 20 | 200 | 20 | -- | -- | 20 | 1,500 | N | N |
| S0159M | 1,000 | 1.5 | N | N | 30 | 1,000 | 50 | -- | -- | 30 | 1,500 | <5 | N |
| S0160M | 100 | <1 | N | N | <5 | <10 | 150 | -- | -- | <20 | 1,000 | N | N |
| S0161M | 1,000 | 1 | N | N | 30 | 100 | 30 | -- | -- | 50 | 1,000 | <5 | <20 |
| S0162M | 1,000 | 1 | N | N | 30 | 300 | 50 | -- | -- | 20 | 1,000 | <5 | <20 |
| S0163M | 1,000 | 1 | N | N | 20 | 700 | 50 | -- | -- | <20 | 1,500 | N | N |
| S0164M | 700 | 1 | N | N | 20 | 200 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0165M | 700 | 1 | N | N | 30 | 200 | 50 | -- | -- | <20 | 1,000 | N | <20 |
| S0166M | 700 | 1 | N | N | 30 | 1,000 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0167M | 1,000 | 1.5 | N | N | 30 | 500 | 20 | -- | -- | <20 | 1,000 | <5 | N |
| S0168M | 1,000 | 1.5 | N | N | 30 | 200 | 70 | -- | -- | 20 | 1,000 | <5 | N |
| S0169M | 1,000 | 1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,000 | <5 | N |
| S0170M | 500 | 1.5 | N | N | 10 | 20 | 15 | -- | -- | <20 | 700 | N | N |
| S0171M | 500 | 1 | N | N | 30 | 70 | 20 | -- | -- | <20 | 700 | N | N |
| S0172M | 700 | 1 | N | N | 20 | 200 | 30 | -- | -- | <20 | 1,500 | N | N |
| S0173M | 1,000 | 1.5 | N | N | 10 | 70 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0174M | 700 | 1.5 | N | N | 20 | 100 | 30 | -- | -- | <20 | 700 | N | N |
| S0175M | 700 | 1 | N | N | 30 | 300 | 20 | -- | -- | N | 700 | N | N |
| S0176M | 1,000 | 1 | N | N | 20 | 100 | 30 | -- | -- | <20 | 2,000 | N | N |
| S0177M | 1,000 | 1 | N | N | 20 | 500 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0178M | 1,000 | 1 | N | N | 20 | 500 | 30 | -- | -- | <20 | 1,000 | N | <20 |
| S0179M | 700 | 1 | N | N | 30 | 1,000 | 50 | -- | -- | <20 | 1,000 | N | N |
| S0180M | 1,000 | 1 | N | N | 50 | 1,500 | 50 | -- | -- | 20 | 2,000 | <5 | <20 |
| S0181M | 1,000 | 1 | N | N | 20 | 700 | 30 | -- | -- | <20 | 700 | N | N |
| S0182M | 1,000 | 1.5 | N | N | 20 | 300 | 20 | -- | -- | N | 1,000 | N | N |
| S0183M | 700 | <1 | N | N | 30 | 200 | 30 | -- | -- | <20 | 1,000 | N | N |
| S0184M | 1,000 | 1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 2,000 | N | N |
| S0185M | 500 | 1 | N | N | 10 | 100 | 30 | -- | -- | <20 | 1,000 | N | N |
| S0186M | 1,000 | 1 | N | N | 20 | 200 | 50 | -- | -- | 20 | 1,500 | N | N |
| S0187M | 1,000 | 1 | N | N | 20 | 100 | 30 | -- | -- | <20 | 2,000 | <5 | N |
| S0188M | 1,000 | 1 | N | N | 20 | 200 | 30 | -- | -- | <20 | 700 | N | N |
| S0189M | 1,000 | <1 | N | N | 15 | 100 | 20 | -- | -- | <20 | 200 | N | N |
| S0190M | 700 | 1 | N | N | 20 | 200 | 20 | -- | -- | N | 2,000 | N | N |
| S0191M | 700 | 1 | N | N | 30 | 500 | 30 | -- | -- | N | 1,000 | N | N |
| S0192M | 700 | <1 | N | N | 20 | 500 | 50 | -- | -- | N | 700 | N | N |
| S0193M | 700 | 1 | N | N | 20 | 100 | 30 | -- | -- | N | 1,000 | N | N |
| S0194M | 700 | 1 | N | N | 20 | 100 | 20 | -- | -- | N | 1,000 | N | N |
| S0195M | 700 | 2 | N | N | 20 | 200 | 20 | -- | -- | <20 | 700 | N | N |
| S0196M | 1,000 | <1 | N | N | 50 | 3,000 | 70 | -- | -- | N | 1,500 | N | N |
| S0239M | 1,000 | 1 | N | N | 20 | 500 | 20 | -- | -- | 20 | 500 | N | N |
| S0240M | 700 | <1 | N | N | 30 | 500 | 15 | -- | -- | 20 | 500 | N | N |
| S0241M | 1,000 | 1.5 | N | N | 30 | 1,000 | 20 | -- | -- | <20 | 1,500 | <5 | N |
| S0242M | 1,000 | 1 | N | N | 30 | 150 | 20 | -- | -- | 20 | 2,000 | N | <20 |
| S0243M | 1,000 | 1 | N | N | 30 | 300 | 30 | -- | -- | <20 | 1,000 | <5 | N |
| S0244MD2 | 700 | <1 | N | N | 20 | 200 | 15 | -- | -- | 50 | 700 | N | N |
| S0245M | 700 | <1 | N | N | 20 | 300 | 30 | -- | -- | 20 | 1,000 | <5 | <20 |
| S0246M | 1,000 | 1 | N | N | 10 | 150 | 20 | -- | -- | 30 | 500 | N | N |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ni-ppm SQS | Pb-ppm SQS | Sb-ppm SQS | Sc-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | Th-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0145M | 50 | <10 | N | 20 | N | N | N | 200 | N | 30 | <200 | 300 | .9 |
| S0146M | 50 | <10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 300 | 1.1 |
| S0147M | 50 | <10 | N | 20 | N | N | N | 200 | N | 20 | <200 | 300 | 1.3 |
| S0148M | 70 | 20 | N | 20 | N | N | N | 300 | N | 30 | <200 | 700 | .6 |
| S0149M | 50 | 20 | N | 15 | N | N | N | 200 | N | 30 | <200 | 300 | .85 |
| S0150M | 50 | 10 | N | 15 | N | <100 | N | 300 | N | 30 | <200 | 300 | 1.8 |
| S0151M | 50 | <10 | N | 15 | N | N | N | 200 | N | 20 | <200 | 500 | .65 |
| S0152M | 50 | 10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 300 | .65 |
| S0153M | 50 | 15 | N | 15 | N | N | N | 200 | N | 30 | <200 | 500 | .8 |
| S0154M | 70 | 10 | N | 15 | N | 100 | N | 200 | N | 30 | <200 | 500 | 1.7 |
| S0155M | 50 | 10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.3 |
| S0156M | 50 | 20 | N | 20 | N | 100 | N | 200 | N | 30 | <200 | 500 | .7 |
| S0157M | 50 | <10 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 300 | .65 |
| S0158M | 50 | 20 | N | 15 | N | 100 | N | 200 | N | 30 | <200 | 200 | .65 |
| S0159M | 100 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 300 | 1.1 |
| S0160M | 10 | N | N | <5 | N | N | N | 50 | N | <10 | <200 | 50 | -- |
| S0161M | 70 | 20 | N | 20 | N | <100 | N | 200 | N | 70 | <200 | 700 | 1.1 |
| S0162M | 100 | 15 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 300 | .65 |
| S0163M | 100 | 10 | N | 15 | N | N | N | 300 | N | 50 | <200 | 300 | .8 |
| S0164M | 50 | 10 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 300 | .7 |
| S0165M | 70 | 10 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 500 | .8 |
| S0166M | 70 | 15 | N | 20 | N | N | N | 300 | N | 30 | <200 | 500 | .7 |
| S0167M | 70 | <10 | N | 20 | N | <100 | N | 300 | N | 30 | <200 | 700 | .9 |
| S0168M | 50 | 20 | N | 20 | N | <100 | N | 300 | N | 50 | <200 | 200 | 1.2 |
| S0169M | 50 | <10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 300 | 1.1 |
| S0170M | 20 | <10 | N | 10 | N | N | N | 100 | N | 20 | <200 | 200 | .85 |
| S0171M | 30 | <10 | N | 10 | N | <100 | N | 150 | N | 20 | <200 | 200 | .6 |
| S0172M | 50 | <10 | N | 15 | N | N | N | 150 | N | 20 | <200 | 500 | .85 |
| S0173M | 50 | <10 | N | 15 | N | N | N | 200 | N | 20 | <200 | 200 | .8 |
| S0174M | 50 | 10 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 200 | 1.1 |
| S0175M | 50 | <10 | N | 15 | N | N | N | 200 | N | 20 | <200 | 200 | .6 |
| S0176M | 70 | 10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 500 | 1.3 |
| S0177M | 70 | 10 | N | 15 | N | N | N | 200 | N | 20 | <200 | 500 | .65 |
| S0178M | 100 | 10 | N | 15 | N | <100 | N | 300 | N | 30 | <200 | 1,000 | .55 |
| S0179M | 100 | <10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 300 | .9 |
| S0180M | 100 | 20 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 300 | .65 |
| S0181M | 100 | <10 | N | 15 | N | N | N | 300 | N | 30 | <200 | 700 | 1.8 |
| S0182M | 50 | <10 | N | 15 | N | <100 | N | 150 | N | 20 | <200 | 300 | .55 |
| S0183M | 50 | <10 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 200 | .75 |
| S0184M | 100 | <10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 200 | .5 |
| S0185M | 30 | <10 | N | 10 | N | N | N | 100 | N | 10 | <200 | 100 | .65 |
| S0186M | 100 | 10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.1 |
| S0187M | 50 | <10 | N | 15 | N | N | N | 300 | N | 30 | <200 | 200 | .8 |
| S0188M | 100 | 10 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 1,000 | .8 |
| S0189M | 30 | <10 | N | 10 | N | N | N | 200 | N | 30 | <200 | 500 | .4 |
| S0190M | 50 | <10 | N | 10 | N | N | N | 200 | N | 20 | <200 | 150 | .65 |
| S0191M | 150 | 20 | N | 20 | N | 150 | N | 150 | N | 20 | <200 | 100 | 1.5 |
| S0192M | 70 | <10 | N | 15 | N | N | N | 200 | N | 20 | <200 | 200 | .7 |
| S0193M | 50 | 15 | N | 10 | N | <100 | N | 200 | N | 20 | <200 | 150 | 8.7 |
| S0194M | 50 | <10 | N | 15 | N | N | N | 150 | N | 50 | <200 | 200 | .6 |
| S0195M | 50 | <10 | N | 15 | N | <100 | N | 150 | N | 20 | <200 | 200 | .7 |
| S0196M | 150 | <10 | N | 50 | N | 100 | N | 500 | N | 30 | <200 | 100 | .8 |
| S0239M | 70 | <10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 300 | .4 |
| S0240M | 100 | <10 | N | 15 | N | N | N | 200 | N | 20 | <200 | 500 | .7 |
| S0241M | 100 | 10 | N | 20 | N | 100 | N | 200 | N | 30 | <200 | 200 | 1.1 |
| S0242M | 50 | 10 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 500 | .8 |
| S0243M | 70 | 10 | N | 15 | N | N | N | N | N | 30 | <200 | 300 | .65 |
| S0244MD2 | 70 | 10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 500 | .6 |
| S0245M | 70 | <10 | N | 15 | N | N | N | 200 | N | 30 | 200 | 500 | .9 |
| S0246M | 30 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 300 | .5 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Ca-pct. SQS | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S0247M | 62 48 34 | 157 49 51 | .7 | 10 | 2 | -- | .7 | N | N | N | 300 |
| S0248M | 62 48 59 | 157 43 17 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 300 |
| S0249M | 62 50 44 | 157 43 16 | .5 | 5 | 1 | -- | .7 | N | N | N | 300 |
| S0251M | 62 30 2 | 157 45 22 | .5 | 10 | 2 | -- | .5 | <.5 | N | N | 500 |
| S0252M | 62 29 30 | 157 44 25 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0253M | 62 30 41 | 157 43 30 | .2 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0254MD1 | 62 31 39 | 157 42 45 | .2 | 7 | 2 | -- | .7 | N | N | N | 300 |
| S0254MD2 | 62 31 39 | 157 42 45 | .5 | 7 | 1.5 | -- | .7 | N | N | N | 200 |
| S0255M | 62 32 22 | 157 38 39 | .7 | 10 | 2 | -- | .7 | N | N | N | 200 |
| S0257M | 62 8 43 | 158 54 21 | .5 | 5 | 1 | -- | 1 | N | N | N | 200 |
| S0258M | 62 8 49 | 158 59 38 | 2 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0259M | 62 11 9 | 158 59 10 | 1 | 5 | 1 | -- | .7 | N | N | N | 100 |
| S0260M | 62 10 18 | 158 50 41 | .7 | 7 | 1 | -- | .7 | N | N | N | 200 |
| S0261M | 62 10 19 | 158 48 59 | .5 | 5 | 1 | -- | .5 | N | N | N | 150 |
| S0262M | 62 8 2 | 158 45 21 | .7 | 10 | 1 | -- | 1 | N | N | N | 200 |
| S0264M | 62 5 31 | 158 35 54 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0265M | 62 6 52 | 158 32 26 | 1 | 3 | 1 | -- | .7 | N | N | N | 100 |
| S0266M | 62 8 15 | 158 31 8 | 1 | 5 | 2 | -- | 1 | N | N | N | 200 |
| S0267M | 62 8 42 | 158 40 7 | .5 | 5 | 1 | -- | 1 | N | N | N | 200 |
| S0268M | 62 8 30 | 158 39 10 | .5 | 5 | 1 | -- | 1 | N | N | N | 200 |
| S0269MD2 | 62 10 3 | 158 38 39 | .7 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0270M | 62 11 46 | 158 37 32 | .7 | 3 | 1 | -- | .7 | N | N | N | 200 |
| S0271M | 62 11 34 | 158 43 58 | 1 | 10 | 2 | -- | .5 | N | N | N | 100 |
| S0272M | 62 13 56 | 158 42 25 | 2 | 10 | 1.5 | -- | .7 | N | N | N | 100 |
| S0273M | 62 14 41 | 158 47 43 | 1 | 10 | 1.5 | -- | .7 | N | N | N | 100 |
| S0274M | 62 14 36 | 158 52 17 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 150 |
| S0275M | 62 14 43 | 158 57 31 | 1 | 7 | 1.5 | -- | .7 | N | N | N | 200 |
| S0276M | 62 16 26 | 158 56 40 | 1 | 5 | 1.5 | -- | 1 | N | N | N | 200 |
| S0277M | 62 18 56 | 158 57 25 | 1 | 10 | 1.5 | -- | 1 | N | N | N | 200 |
| S0278M | 62 31 38 | 158 12 20 | 1 | 10 | 2 | -- | 1 | N | N | N | 200 |
| S0279M | 62 31 10 | 158 16 35 | 1.5 | 5 | 1.5 | -- | >1 | N | N | N | 1,000 |
| S0280M | 62 30 15 | 158 22 28 | 1.5 | 7 | 1.5 | -- | .7 | N | N | N | 200 |
| S0281M | 62 34 6 | 158 20 13 | 1 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0282M | 62 34 6 | 158 16 5 | 1.5 | 10 | 2 | -- | .7 | N | N | N | 200 |
| S0283M | 62 53 42 | 157 9 42 | 1 | 5 | 1.5 | -- | .5 | N | N | N | 300 |
| S0284M | 62 56 27 | 157 7 44 | 1.5 | 20 | 2 | -- | >1 | N | N | N | 700 |
| S0285M | 62 58 51 | 157 7 5 | .7 | 5 | 1.5 | -- | .7 | N | N | N | 500 |
| S0286M | 62 58 19 | 157 0 46 | 1.5 | 10 | 2 | -- | >1 | N | N | N | 2,000 |
| S0287M | 62 58 18 | 157 0 40 | 1.5 | 15 | 2 | -- | >1 | N | N | N | 1,000 |
| S0288M | 62 59 25 | 157 0 22 | .2 | 1 | .2 | -- | .2 | N | N | N | 300 |
| S0289M | 62 56 28 | 156 55 52 | 1.5 | 5 | 1.5 | -- | .5 | N | N | N | 500 |
| S0290M | 62 58 19 | 156 58 30 | 1 | 10 | 2 | -- | >1 | N | N | N | 1,000 |
| S0291M | 62 59 48 | 156 52 49 | 2 | 15 | 2 | -- | >1 | N | N | N | 500 |
| S0292M | 62 56 51 | 156 45 52 | 2 | 15 | 2 | -- | >1 | N | N | N | 300 |
| S0293M | 62 56 48 | 156 45 51 | 1.5 | 7 | 2 | -- | >1 | N | N | N | 1,000 |
| S0294M | 62 53 43 | 156 55 58 | .5 | 5 | 1 | -- | .7 | N | N | N | 1,000 |
| S0296M | 62 53 22 | 156 53 15 | 1.5 | 10 | 1.5 | -- | 1 | N | N | N | 2,000 |
| S0297M | 62 53 25 | 156 53 19 | 1 | 10 | 1.5 | -- | >1 | N | N | N | 2,000 |
| S0298M | 62 53 10 | 156 52 21 | 1 | 5 | 1.5 | -- | .5 | <.5 | N | N | 500 |
| S0299M | 62 52 5 | 156 49 51 | 1 | 7 | 1.5 | -- | 1 | N | N | N | 300 |
| S0300MD1 | 62 51 44 | 156 46 56 | 1 | 10 | 1.5 | -- | 1 | N | N | N | 300 |
| S0301M | 62 51 3 | 156 52 59 | 1.5 | 10 | 2 | -- | .7 | 1 | N | N | 1,500 |
| S0302M | 62 51 27 | 156 52 40 | .7 | 5 | 1.5 | -- | .7 | N | N | N | 700 |
| S0303M | 62 50 59 | 156 50 4 | 1.5 | 15 | 2 | -- | >1 | N | N | N | 500 |
| S0304M | 62 49 46 | 156 48 2 | 1 | -- | 1 | -- | 1 | N | N | N | 200 |
| S0305M | 62 49 47 | 156 51 29 | 1 | 5 | 1.5 | -- | .3 | .7 | N | N | 1,000 |
| S0306M | 62 49 58 | 156 52 21 | 1.5 | 15 | 2 | -- | .7 | .5 | N | N | 2,000 |
| S0307M | 62 48 0 | 156 51 32 | 2 | 15 | 3 | -- | >1 | N | N | N | 700 |
| S0308M | 62 46 4 | 156 47 26 | 1 | 5 | 1.5 | -- | .5 | N | N | N | 150 |
| S0309M | 62 21 36 | 156 52 44 | .5 | 3 | 1 | -- | .5 | N | N | N | 200 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ba-ppm SQS | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0247M | 1,000 | 2 | N | N | 30 | 200 | 50 | -- | -- | 50 | 1,000 | <5 | N |
| S0248M | 1,000 | 1 | N | N | 30 | 100 | 70 | -- | -- | 50 | 700 | <5 | N |
| S0249M | 1,000 | 1 | N | N | 20 | 150 | 30 | -- | -- | 50 | 700 | N | <20 |
| S0251M | 1,000 | 2 | N | N | 30 | 200 | 50 | -- | -- | 20 | 1,000 | <5 | N |
| S0252M | 700 | 1 | N | N | 30 | 700 | 20 | -- | -- | <20 | 1,000 | <5 | N |
| S0253M | 700 | <1 | N | N | 20 | 150 | 20 | -- | -- | <20 | 500 | N | N |
| S0254MD1 | 1,000 | 1 | N | N | 30 | 300 | 30 | -- | -- | <20 | 1,000 | N | N |
| S0254MD2 | 1,000 | 1 | N | N | 20 | 500 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0255M | 700 | 1 | N | N | 30 | 1,000 | 20 | -- | -- | N | 2,000 | N | N |
| S0257M | 1,000 | 1 | N | N | 20 | 300 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0258M | 2,000 | 1.5 | N | N | 20 | 50 | 20 | -- | -- | 100 | 1,500 | N | <20 |
| S0259M | 1,000 | 1.5 | N | N | 20 | 50 | 20 | -- | -- | 50 | 1,500 | <5 | 20 |
| S0260M | 1,000 | 1 | N | N | 20 | 500 | 15 | -- | -- | 50 | 2,000 | N | <20 |
| S0261M | 500 | 1 | N | N | 20 | 100 | 10 | -- | -- | <20 | 1,000 | <5 | N |
| S0262M | 1,000 | 1 | N | N | 20 | 70 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0264M | 1,000 | 2 | N | N | 20 | 200 | 50 | -- | -- | 20 | 700 | <5 | <20 |
| S0265M | 1,000 | 1 | N | N | 20 | 200 | 10 | -- | -- | 20 | 1,000 | N | N |
| S0266M | 1,000 | 1 | N | N | 20 | 300 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0267M | 1,000 | 1 | N | N | 20 | 500 | 20 | -- | -- | 70 | 700 | N | <20 |
| S0268M | 1,000 | 1 | N | N | 20 | 100 | 20 | -- | -- | 50 | 700 | N | <20 |
| S0269MD2 | 700 | 2 | N | N | 20 | 700 | 15 | -- | -- | 50 | 700 | N | <20 |
| S0270M | 1,000 | 2 | N | N | 10 | 50 | 20 | -- | -- | 20 | 500 | N | 20 |
| S0271M | 1,000 | 1.5 | N | N | 30 | 200 | 20 | -- | -- | <20 | 5,000 | <5 | N |
| S0272M | 700 | 1 | N | N | 30 | 100 | 20 | -- | -- | 20 | 1,000 | <5 | N |
| S0273M | 700 | 1 | N | N | 30 | 100 | 20 | -- | -- | 50 | 1,500 | <5 | <20 |
| S0274M | 700 | 1 | N | N | 20 | 100 | 15 | -- | -- | <20 | 700 | N | <20 |
| S0275M | 1,000 | 1 | N | N | 10 | 100 | 20 | -- | -- | 20 | 700 | N | <20 |
| S0276M | 1,000 | 2 | N | N | 20 | 300 | 10 | -- | -- | 50 | 1,000 | N | 20 |
| S0277M | 1,000 | 2 | N | N | 20 | 200 | 20 | -- | -- | 70 | 1,500 | <5 | <20 |
| S0278M | 1,000 | 1 | N | N | 20 | 100 | 20 | -- | -- | 50 | 1,000 | N | N |
| S0279M | 500 | 3 | N | N | 20 | 200 | 20 | -- | -- | <20 | 2,000 | <5 | 50 |
| S0280M | 1,000 | 1 | N | N | 20 | 200 | 20 | -- | -- | 100 | 700 | N | N |
| S0281M | 1,000 | 1 | N | N | 10 | 100 | 20 | -- | -- | 30 | 500 | N | <20 |
| S0282M | 700 | 1 | N | N | 30 | 200 | 20 | -- | -- | 70 | 700 | <5 | <20 |
| S0283M | 700 | 1.5 | N | N | 20 | 300 | 15 | -- | -- | <20 | 1,500 | N | N |
| S0284M | 700 | 2 | N | N | 30 | 700 | 30 | -- | -- | 70 | 5,000 | 5 | 30 |
| S0285M | 1,000 | 2 | N | N | 20 | 150 | 20 | -- | -- | 70 | 1,000 | <5 | 20 |
| S0286M | 500 | 3 | N | N | 30 | 500 | 20 | -- | -- | 100 | 3,000 | 5 | 50 |
| S0287M | 500 | 2 | N | N | 30 | 500 | 30 | -- | -- | N | 5,000 | <5 | 50 |
| S0288M | 150 | 1.5 | N | N | 5 | 50 | 30 | -- | -- | <20 | 200 | N | N |
| S0289M | 700 | 5 | N | N | 10 | 100 | 30 | -- | -- | 20 | 2,000 | <5 | N |
| S0290M | 500 | 5 | N | N | 30 | 200 | 20 | -- | -- | 70 | 1,500 | <5 | 50 |
| S0291M | 700 | 2 | N | N | 30 | 500 | 50 | -- | -- | 20 | 3,000 | 5 | 50 |
| S0292M | 1,000 | 2 | N | N | 20 | 500 | 50 | -- | -- | 50 | 3,000 | <5 | 20 |
| S0293M | 700 | 2 | N | N | 20 | 1,000 | 10 | -- | -- | 70 | 2,000 | <5 | 30 |
| S0294M | 700 | 2 | N | N | 20 | 150 | 70 | -- | -- | 30 | 1,000 | <5 | N |
| S0296M | 1,000 | 3 | N | N | 20 | 200 | 50 | -- | -- | 50 | 1,000 | <5 | 20 |
| S0297M | 1,000 | 3 | N | N | 20 | 500 | 50 | -- | -- | 30 | 2,000 | 5 | 20 |
| S0298M | 700 | 3 | N | N | 20 | 200 | 30 | -- | -- | 30 | 700 | <5 | <20 |
| S0299M | 1,000 | 3 | N | N | 20 | 200 | 50 | -- | -- | 20 | 1,000 | <5 | <20 |
| S0300MD1 | 1,000 | 2 | N | N | 30 | 200 | 50 | -- | -- | 30 | 1,000 | <5 | <20 |
| S0301M | 1,000 | 2 | N | N | 30 | 150 | 100 | -- | -- | 50 | 1,500 | 5 | <20 |
| S0302M | 700 | 2 | N | N | 20 | 150 | 30 | -- | -- | 20 | 1,000 | <5 | N |
| S0303M | 700 | 3 | N | N | 30 | 1,000 | 15 | -- | -- | 70 | 2,000 | 5 | 70 |
| S0304M | 500 | 3 | N | N | 30 | 200 | 20 | -- | -- | <20 | 2,000 | -- | 20 |
| S0305M | 700 | 5 | N | N | 20 | 100 | 50 | -- | -- | 30 | 1,000 | <5 | N |
| S0306M | 1,000 | 5 | N | N | 20 | 300 | 20 | -- | -- | 20 | 1,500 | <5 | <20 |
| S0307M | 1,000 | 5 | N | N | 50 | 1,000 | 70 | -- | -- | 70 | 1,500 | <5 | 30 |
| S0308M | 1,000 | 1 | N | N | 30 | 200 | 30 | -- | -- | 50 | 1,000 | N | N |
| S0309M | 1,000 | 2 | N | N | 20 | 50 | 15 | -- | -- | <20 | 500 | N | <20 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ni-ppm SQS | Pb-ppm SQS | Sb-ppm SQS | Sc-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | Th-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0247M | 50 | 15 | N | 20 | N | 100 | N | 300 | N | 50 | <200 | 500 | .9 |
| S0248M | 50 | 15 | N | 20 | N | N | N | 200 | N | 50 | <200 | 300 | .9 |
| S0249M | 50 | 10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | .65 |
| S0251M | 100 | 15 | N | 20 | N | <100 | N | 300 | N | 50 | <200 | 500 | 1 |
| S0252M | 50 | 15 | N | 15 | N | 100 | N | 200 | N | 30 | <200 | 500 | .55 |
| S0253M | 50 | <10 | N | 15 | N | N | N | 200 | N | 20 | <200 | 200 | .65 |
| S0254MD1 | 70 | 10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 700 | 1.2 |
| S0254MD2 | 100 | 10 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 300 | .9 |
| S0255M | 100 | <10 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 200 | .7 |
| S0257M | 50 | 20 | N | 15 | N | 100 | N | 200 | N | 50 | <200 | 300 | .85 |
| S0258M | 30 | 30 | N | 15 | N | 1,500 | N | 200 | N | 50 | <200 | 200 | 2.9 |
| S0259M | 30 | 20 | N | 15 | N | 500 | N | 200 | N | 50 | <200 | 300 | 2.2 |
| S0260M | 30 | 10 | N | 15 | N | 150 | N | 200 | N | 50 | <200 | 1,000 | .6 |
| S0261M | 30 | 10 | N | 10 | N | 100 | N | 150 | N | 50 | <200 | 500 | 1 |
| S0262M | 30 | 15 | N | 20 | N | 150 | N | 200 | N | 30 | <200 | 1,000 | .6 |
| S0264M | 50 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 300 | 1.4 |
| S0265M | 50 | <10 | N | 15 | N | 200 | N | 150 | N | 20 | <200 | 500 | .55 |
| S0266M | 30 | 15 | N | 20 | N | 100 | N | 200 | N | 30 | <200 | 500 | .9 |
| S0267M | 50 | 10 | N | 15 | N | <100 | N | 200 | N | 70 | <200 | 1,000 | .7 |
| S0268M | 50 | 10 | N | 15 | N | 100 | N | 200 | N | 30 | <200 | 700 | .35 |
| S0269MD2 | 50 | <10 | N | 15 | N | 100 | N | 200 | N | 30 | <200 | 500 | .9 |
| S0270M | 30 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.9 |
| S0271M | 100 | 20 | N | 15 | 20 | <100 | N | 200 | N | 30 | <200 | 200 | 1.1 |
| S0272M | 50 | 15 | N | 20 | N | 300 | N | 200 | N | 50 | <200 | 300 | 1 |
| S0273M | 50 | 20 | N | 20 | N | 200 | N | 200 | N | 30 | <200 | 500 | 1.1 |
| S0274M | 20 | 15 | N | 20 | N | 200 | N | 200 | N | 30 | <200 | 500 | 1.2 |
| S0275M | 30 | 10 | N | 15 | N | 100 | N | 200 | N | 50 | <200 | 700 | 1.2 |
| S0276M | 20 | 15 | N | 20 | N | 200 | N | 200 | N | 50 | <200 | 500 | 1.4 |
| S0277M | 20 | 20 | N | 15 | N | 300 | N | 200 | N | 50 | <200 | 700 | 1.3 |
| S0278M | 30 | 10 | N | 20 | N | 200 | N | 200 | N | 50 | <200 | 700 | .8 |
| S0279M | 30 | 15 | N | 20 | N | 200 | N | 200 | N | 30 | <200 | 500 | .9 |
| S0280M | 50 | 20 | N | 20 | N | 300 | N | 200 | N | 50 | <200 | 500 | .8 |
| S0281M | 20 | 10 | N | 15 | N | 150 | N | 200 | N | 50 | <200 | 500 | .8 |
| S0282M | 50 | 10 | N | 20 | N | 300 | N | 200 | N | 50 | <200 | 300 | .5 |
| S0283M | 50 | <10 | N | 15 | N | 100 | N | 200 | N | 20 | <200 | 300 | 2.3 |
| S0284M | 70 | 20 | N | 30 | N | 200 | N | 300 | N | 70 | <200 | 1,000 | 1.1 |
| S0285M | 30 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 1,000 | 1.4 |
| S0286M | 50 | 20 | N | 30 | N | 100 | N | 200 | N | 100 | <200 | >1,000 | 30 |
| S0287M | 50 | 20 | N | 20 | N | 100 | N | 200 | N | 30 | 200 | 1,000 | 19 |
| S0288M | 20 | <10 | N | 5 | N | N | N | 50 | N | 10 | <200 | 100 | 10 |
| S0289M | 30 | 15 | N | 15 | N | 100 | N | 150 | N | 30 | <200 | 300 | 34 |
| S0290M | 50 | 20 | N | 20 | N | 200 | N | 200 | N | 50 | <200 | 1,000 | 4.7 |
| S0291M | 30 | 50 | N | 30 | N | 200 | N | 200 | N | 50 | 200 | >1,000 | 20 |
| S0292M | 30 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | 200 | >1,000 | 18 |
| S0293M | 50 | 20 | N | 20 | N | 300 | N | 200 | N | 50 | <200 | >1,000 | 4.3 |
| S0294M | 50 | 20 | N | 15 | N | <100 | N | 150 | N | 20 | N | 300 | 15 |
| S0296M | 50 | 50 | N | 15 | <10 | 200 | N | 200 | N | 30 | <200 | 500 | 8.4 |
| S0297M | 30 | 20 | N | 20 | N | 200 | N | 200 | N | 30 | <200 | 500 | 11 |
| S0298M | 30 | 50 | N | 20 | N | 100 | N | 200 | N | 30 | <200 | 200 | 33 |
| S0299M | 70 | 20 | N | 20 | N | 100 | N | 200 | N | 30 | <200 | 500 | 8.3 |
| S0300MD1 | 70 | 50 | N | 20 | N | 200 | N | 200 | N | 30 | <200 | 500 | 4 |
| S0301M | 70 | 200 | N | 20 | N | 200 | N | 200 | N | 50 | <200 | 300 | 30 |
| S0302M | 30 | 30 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 300 | 14 |
| S0303M | 50 | 30 | N | 30 | N | 300 | N | 200 | N | 50 | <200 | >1,000 | 4.5 |
| S0304M | 20 | <10 | N | 15 | N | 150 | N | 200 | N | 30 | <200 | 500 | 5.4 |
| S0305M | 30 | 50 | N | 15 | N | 100 | N | 200 | N | 30 | <200 | 200 | 24 |
| S0306M | 50 | 30 | N | 20 | N | 200 | N | 200 | N | 30 | <200 | 300 | 5.9 |
| S0307M | 70 | 70 | N | 30 | 10 | 500 | N | 200 | N | 70 | <200 | 1,000 | 7.1 |
| S0308M | 50 | 10 | N | 20 | N | 100 | N | 200 | N | 20 | <200 | 300 | 1.7 |
| S0309M | 30 | <10 | N | 20 | N | <100 | N | 150 | N | 30 | <200 | 500 | 1.8 |

**Table 4.** Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Ca-pct. SQS | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S0310M | 62 22 32 | 156 52 47 | .7 | 5 | 1.5 | -- | .5 | N | N | N | 500 |
| S0311M | 62 18 37 | 156 55 21 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 300 |
| S0312M | 62 23 7 | 156 46 56 | .5 | 10 | 1.5 | -- | .5 | N | N | N | 300 |
| S0313M | 62 23 41 | 156 41 54 | .7 | 5 | 1 | -- | .5 | N | N | N | 300 |
| S0314M | 62 26 20 | 156 44 43 | .7 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0315M | 62 26 57 | 156 46 46 | 1 | 3 | 1.5 | -- | .7 | .5 | N | N | 300 |
| S0316M | 62 28 25 | 156 48 41 | .5 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0317M | 62 29 24 | 156 50 15 | .7 | 7 | 1 | -- | .7 | <.5 | N | N | 200 |
| S0318M | 62 28 14 | 156 52 0 | .5 | 3 | 1 | -- | .5 | N | N | N | 200 |
| S0319M | 62 28 42 | 156 51 16 | .7 | 7 | 1 | -- | .7 | N | N | N | 200 |
| S0320M | 62 26 17 | 156 52 0 | 1 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0321M | 62 25 10 | 156 53 20 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 300 |
| S0322MD2 | 62 25 13 | 156 53 30 | .5 | 10 | 1.5 | -- | .7 | 2 | N | N | 200 |
| S0322MD3 | 62 25 13 | 156 53 30 | .5 | 5 | 1 | -- | .7 | 1 | N | N | 200 |
| S0323M | 62 26 40 | 156 55 39 | .5 | 2 | 1 | -- | .7 | N | N | N | 300 |
| S0324M | 62 3 58 | 158 31 18 | 1 | 5 | 2 | -- | .7 | N | N | N | 200 |
| S0325M | 62 1 53 | 158 28 19 | .5 | 5 | 1 | -- | .5 | N | N | N | 150 |
| S0326M | 62 1 52 | 158 24 58 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 100 |
| S0327M | 62 3 31 | 158 26 25 | .7 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0328M | 62 3 34 | 158 26 28 | .7 | 3 | 1.5 | -- | .5 | N | N | N | 200 |
| S0329M | 62 3 30 | 158 20 1 | .5 | 3 | 1 | -- | .5 | N | N | N | 100 |
| S0330M | 62 3 27 | 158 20 1 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 150 |
| S0331M | 62 3 4 | 158 16 52 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0332M | 62 1 45 | 158 17 17 | .2 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0333MD2 | 62 1 32 | 158 20 27 | .5 | 3 | .7 | -- | .5 | N | N | N | 200 |
| S0333MD3 | 62 1 32 | 158 20 27 | .2 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0334MD2 | 62 1 25 | 158 14 40 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0334MD3 | 62 1 25 | 158 14 40 | .5 | 5 | .7 | -- | .5 | N | N | N | 200 |
| S0335M | 62 1 44 | 158 12 20 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0336M | 62 0 23 | 158 8 43 | .2 | 5 | 1 | -- | .5 | N | N | N | 100 |
| S0337M | 62 3 29 | 158 12 28 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0338M | 62 5 17 | 158 16 14 | .7 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0339M | 62 13 8 | 158 5 15 | .5 | 7 | 1 | -- | .7 | N | N | N | 100 |
| S0340M | 62 12 59 | 158 3 54 | .3 | 5 | 2 | -- | .7 | N | N | N | 150 |
| S0341M | 62 12 29 | 158 4 7 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0342M | 62 11 22 | 158 7 8 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0343M | 62 8 57 | 158 4 4 | .5 | 10 | 1.5 | -- | .5 | N | N | N | 200 |
| S0344M | 62 8 3 | 158 7 56 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0345M | 62 6 47 | 158 4 11 | .5 | 10 | 1 | -- | .5 | N | N | N | 100 |
| S0346M | 62 6 27 | 158 8 39 | .7 | 3 | .2 | -- | .2 | N | N | N | 200 |
| S0347MD2 | 62 4 24 | 158 7 51 | .5 | 5 | 1 | -- | .5 | N | N | N | 300 |
| S0347MD3 | 62 4 24 | 158 7 51 | .5 | 3 | 1 | -- | .5 | N | N | N | 200 |
| S0348M | 62 3 26 | 158 10 12 | .3 | 3 | 1 | -- | .5 | N | N | N | 200 |
| S0349M | 62 0 29 | 158 4 9 | .7 | 5 | 1.5 | -- | .5 | N | N | N | 150 |
| S0350M | 62 2 32 | 158 1 45 | .7 | 5 | 2 | -- | 1 | N | N | N | 200 |
| S0351M | 62 6 19 | 158 12 1 | .5 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0352M | 62 9 24 | 158 12 25 | .3 | 5 | 1 | -- | .5 | N | N | N | 150 |
| S0353M | 62 11 33 | 158 12 11 | .7 | 10 | 1.5 | -- | .7 | N | N | N | 200 |
| S0354M | 62 13 56 | 158 10 49 | .7 | 5 | 1.5 | -- | .7 | N | N | N | 150 |
| S0355M | 62 11 17 | 158 15 16 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0356M | 62 9 46 | 158 18 21 | .7 | 7 | 1.5 | -- | .7 | N | N | N | 200 |
| S0357M | 62 23 21 | 157 45 1 | .5 | 5 | 2 | -- | .7 | N | N | N | 200 |
| S0358M | 62 24 12 | 157 36 15 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0359M | 62 24 47 | 157 33 58 | .2 | 3 | .7 | -- | .3 | N | N | N | 100 |
| S0360M | 62 24 43 | 157 33 54 | .3 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0361M | 62 20 39 | 157 32 59 | .5 | 3 | 1 | -- | .7 | N | N | N | 200 |
| S0362M | 62 59 49 | 157 32 48 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0363M | 62 55 42 | 157 40 24 | 2 | 7 | 1.5 | -- | 1 | N | N | N | 70 |
| S0364M | 62 56 50 | 157 39 11 | 3 | 10 | 2 | -- | 1 | N | N | N | 70 |
| S0365M | 62 58 46 | 157 37 2 | 1 | 5 | 2 | -- | .5 | N | N | N | 70 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ba-ppm SQS | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0310M | 1,000 | 1 | N | N | 20 | 200 | 30 | -- | -- | <20 | 1,000 | N | <20 |
| S0311M | 1,000 | 1 | N | N | 20 | 70 | 30 | -- | -- | 20 | 1,000 | <5 | N |
| S0312M | 1,000 | 1 | N | N | 20 | 300 | 50 | -- | -- | 20 | 1,000 | N | <20 |
| S0313M | 1,000 | 1.5 | N | N | 20 | 100 | 20 | -- | -- | 30 | 1,500 | N | N |
| S0314M | 1,000 | 1 | N | N | 20 | 100 | 30 | -- | -- | <20 | 1,000 | N | N |
| S0315M | 1,000 | 2 | N | N | 20 | 70 | 30 | -- | -- | 20 | 1,000 | N | <20 |
| S0316M | 700 | 1 | N | N | 20 | 150 | 30 | -- | -- | 20 | 1,000 | N | N |
| S0317M | 1,000 | 1.5 | N | N | 20 | 200 | 30 | -- | -- | 20 | 1,500 | <5 | <20 |
| S0318M | 700 | 1 | N | N | 20 | 100 | 30 | -- | -- | 20 | 700 | N | N |
| S0319M | 1,000 | 1.5 | N | N | 20 | 100 | 30 | -- | -- | <20 | 1,000 | <5 | N |
| S0320M | 700 | 2 | N | N | 20 | 100 | 20 | -- | -- | 50 | 1,000 | <5 | N |
| S0321M | 1,000 | 1.5 | N | N | 20 | 200 | 30 | -- | -- | 70 | 1,000 | N | N |
| S0322MD2 | 700 | <1 | N | N | 20 | 200 | 50 | -- | -- | 30 | 1,500 | <5 | N |
| S0322MD3 | 1,000 | 1.5 | N | N | 20 | 100 | 30 | -- | -- | <20 | 1,500 | <5 | N |
| S0323M | 700 | 2 | N | N | 10 | 50 | 20 | -- | -- | <20 | 700 | N | N |
| S0324M | 1,000 | 1.5 | N | N | 30 | 300 | 30 | -- | -- | 20 | 1,000 | <5 | N |
| S0325M | 700 | 1 | N | N | 20 | 70 | 15 | -- | -- | <20 | 1,000 | N | N |
| S0326M | 700 | 1 | N | N | 20 | 30 | 20 | -- | -- | <20 | 700 | N | N |
| S0327M | 1,000 | 1 | N | N | 30 | 200 | 20 | -- | -- | 20 | 1,500 | <5 | N |
| S0328M | 1,000 | 2 | N | N | 20 | 50 | 15 | -- | -- | <20 | 3,000 | N | N |
| S0329M | 500 | 1 | N | N | 20 | 70 | 10 | -- | -- | <20 | 1,000 | N | N |
| S0330M | 1,000 | 1 | N | N | 30 | 200 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0331M | 700 | 2 | N | N | 20 | 150 | 30 | -- | -- | <20 | 5,000 | N | N |
| S0332M | 700 | 1 | N | N | 30 | 100 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0333MD2 | 1,000 | 1 | N | N | 20 | 100 | 15 | -- | -- | <20 | 1,000 | <5 | N |
| S0333MD3 | 1,000 | 1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,000 | N | <20 |
| S0334MD2 | 700 | 2 | N | N | 30 | 100 | 20 | -- | -- | 20 | 2,000 | N | <20 |
| S0334MD3 | 700 | 2 | N | N | 20 | 150 | 7 | -- | -- | <20 | 700 | N | <20 |
| S0335M | 700 | 1 | N | N | 20 | 100 | 20 | -- | -- | 50 | 700 | N | N |
| S0336M | 500 | 1 | N | N | 30 | 200 | 10 | -- | -- | <20 | 1,000 | N | <20 |
| S0337M | 700 | 1.5 | N | N | 30 | 100 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0338M | 700 | 1 | N | N | 20 | 150 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0339M | 700 | 1.5 | N | N | 50 | 50 | 20 | -- | -- | <20 | 3,000 | <5 | N |
| S0340M | 1,000 | 1 | N | N | 20 | 50 | 10 | -- | -- | <20 | 1,000 | N | N |
| S0341M | 1,000 | 1 | N | N | 30 | 70 | 20 | -- | -- | <20 | 1,000 | N | <20 |
| S0342M | 500 | 1 | N | N | 20 | 150 | 10 | -- | -- | <20 | 1,000 | N | N |
| S0343M | 1,000 | 1 | N | N | 30 | 200 | 30 | -- | -- | 20 | 700 | N | <20 |
| S0344M | 700 | 1 | N | N | 30 | 200 | 15 | -- | -- | <20 | 1,000 | <5 | <20 |
| S0345M | 700 | 1 | N | N | 30 | 100 | 15 | -- | -- | <20 | 3,000 | 5 | N |
| S0346M | 700 | 1 | N | N | 10 | 30 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0347MD2 | 700 | 1 | N | N | 20 | 200 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0347MD3 | 1,000 | 1.5 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,000 | <5 | N |
| S0348M | 1,000 | 1 | N | N | 20 | 70 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0349M | 1,000 | 1.5 | N | N | 10 | 70 | 30 | -- | -- | 20 | 2,000 | <5 | N |
| S0350M | 1,000 | 1 | N | N | 30 | 200 | 50 | -- | -- | 30 | 1,000 | N | <20 |
| S0351M | 1,000 | 1.5 | N | N | 20 | 100 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0352M | 700 | 1.5 | N | N | 20 | 50 | 20 | -- | -- | 20 | 1,000 | <5 | N |
| S0353M | 1,000 | 2 | N | N | 30 | 150 | 20 | -- | -- | 30 | 2,000 | <5 | N |
| S0354M | 700 | 1 | N | N | 30 | 100 | 50 | -- | -- | 20 | 1,000 | <5 | <20 |
| S0355M | 700 | 1 | N | N | 30 | 150 | 20 | -- | -- | 20 | 700 | N | N |
| S0356M | 700 | 1.5 | N | N | 30 | 100 | 20 | -- | -- | <20 | 1,500 | N | N |
| S0357M | 700 | 1 | N | N | 30 | 700 | 20 | -- | -- | 20 | 1,000 | <5 | N |
| S0358M | 700 | 1 | N | N | 20 | 100 | 15 | -- | -- | 20 | 1,000 | <5 | N |
| S0359M | 700 | <1 | N | N | 20 | 30 | 20 | -- | -- | <20 | 700 | N | N |
| S0360M | 700 | 1 | N | N | 20 | 50 | 20 | -- | -- | N | 1,000 | N | N |
| S0361M | 1,000 | 1.5 | N | N | 30 | 200 | 30 | -- | -- | 20 | 1,000 | <5 | <20 |
| S0362M | 1,000 | <1 | N | N | 10 | 100 | 20 | -- | -- | <20 | 500 | N | N |
| S0363M | 700 | 1 | N | N | 30 | 100 | 50 | -- | -- | <20 | 1,000 | N | N |
| S0364M | 700 | <1 | N | N | 50 | 200 | 50 | -- | -- | <20 | 1,000 | <5 | <20 |
| S0365M | 700 | <1 | N | N | 20 | 100 | 30 | -- | -- | <20 | 1,000 | N | N |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ni-ppm SQS | Pb-ppm SQS | Sb-ppm SQS | Sc-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | Th-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0310M | 50 | 20 | N | 15 | N | <100 | N | N | N | 30 | <200 | 500 | 1 |
| S0311M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 200 | 1.5 |
| S0312M | 70 | 20 | N | 15 | N | N | N | 300 | N | 50 | <200 | 1,000 | 1.3 |
| S0313M | 50 | 15 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.1 |
| S0314M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 300 | .75 |
| S0315M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.3 |
| S0316M | 50 | 10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 300 | .65 |
| S0317M | 70 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 700 | 1.5 |
| S0318M | 50 | 10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 200 | 1.6 |
| S0319M | 50 | 10 | N | 20 | N | N | N | N | N | 30 | <200 | 500 | 1.7 |
| S0320M | 50 | 10 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .85 |
| S0321M | 50 | 15 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.5 |
| S0322MD2 | 70 | 20 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 300 | 2.1 |
| S0322MD3 | 50 | 10 | N | 15 | N | N | N | N | N | 30 | <200 | 300 | 1.2 |
| S0323M | 30 | <10 | N | 10 | N | N | N | 100 | N | 20 | <200 | 200 | 1.9 |
| S0324M | 50 | 15 | N | 20 | N | 100 | N | 200 | N | 30 | <200 | 300 | 1.1 |
| S0325M | 30 | <10 | N | 15 | N | <100 | N | 150 | N | 30 | <200 | 200 | .85 |
| S0326M | 50 | 10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.2 |
| S0327M | 50 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 500 | .55 |
| S0328M | 30 | 10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 300 | 1.1 |
| S0329M | 30 | 10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 200 | .7 |
| S0330M | 50 | 15 | N | 20 | N | 100 | N | 200 | N | 20 | <200 | 500 | .75 |
| S0331M | 50 | 20 | N | 15 | N | N | N | 200 | N | 30 | <200 | 300 | .8 |
| S0332M | 50 | <10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 500 | .85 |
| S0333MD2 | 50 | <10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | .65 |
| S0333MD3 | 70 | <10 | N | 20 | N | <100 | N | N | N | 50 | <200 | 1,000 | .6 |
| S0334MD2 | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 300 | .6 |
| S0334MD3 | 30 | <10 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 500 | .85 |
| S0335M | 50 | <10 | N | 15 | N | N | N | 150 | N | 20 | <200 | 500 | .6 |
| S0336M | 50 | <10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 300 | .55 |
| S0337M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 200 | 1.2 |
| S0338M | 30 | 10 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.1 |
| S0339M | 50 | 15 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 200 | .75 |
| S0340M | 50 | <10 | N | 10 | N | N | N | 200 | N | 20 | <200 | 500 | .8 |
| S0341M | 50 | 20 | N | 15 | N | N | N | 300 | N | 30 | <200 | 700 | .55 |
| S0342M | 30 | <10 | N | 15 | N | 100 | N | 150 | N | 30 | <200 | 300 | .65 |
| S0343M | 70 | 15 | N | 20 | N | <100 | N | 300 | N | 50 | <200 | 500 | 1.1 |
| S0344M | 50 | <10 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 500 | .7 |
| S0345M | 30 | <10 | N | 20 | N | <100 | N | 200 | N | 20 | <200 | 200 | .9 |
| S0346M | 15 | <10 | N | 10 | N | <100 | N | 200 | N | 30 | <200 | 100 | -- |
| S0347MD2 | 50 | <10 | N | 15 | N | N | N | 200 | N | 20 | <200 | 200 | .65 |
| S0347MD3 | 50 | <10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 200 | .65 |
| S0348M | 30 | <10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | .7 |
| S0349M | 50 | 15 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 200 | 2.5 |
| S0350M | 70 | 10 | N | 20 | N | N | N | 300 | N | 30 | <200 | 300 | 1.2 |
| S0351M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | .7 |
| S0352M | 30 | 10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 300 | .55 |
| S0353M | 50 | 20 | N | 20 | N | 100 | N | 200 | N | 30 | <200 | 300 | 1.1 |
| S0354M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .55 |
| S0355M | 50 | 15 | N | 15 | N | <100 | N | 150 | N | 30 | <200 | 200 | 1.3 |
| S0356M | 50 | 15 | N | 20 | N | 100 | N | 200 | N | 20 | <200 | 500 | 1.1 |
| S0357M | 50 | <10 | N | 15 | N | N | N | 200 | N | 20 | <200 | 200 | .65 |
| S0358M | 50 | <10 | N | 10 | N | N | N | 200 | N | 30 | <200 | 500 | .85 |
| S0359M | 30 | <10 | N | 10 | N | <100 | N | 150 | N | 20 | <200 | 200 | .55 |
| S0360M | 50 | 10 | N | 15 | N | N | N | 200 | N | 20 | <200 | 500 | .8 |
| S0361M | 70 | 20 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.2 |
| S0362M | 30 | 10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 300 | .8 |
| S0363M | 50 | <10 | N | 30 | N | <100 | N | 500 | N | 50 | <200 | 500 | .7 |
| S0364M | 70 | <10 | N | 30 | N | 100 | N | 500 | N | 50 | <200 | 500 | .45 |
| S0365M | 50 | <10 | N | 20 | N | <100 | N | 300 | N | 30 | <200 | 200 | .65 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Ca-pct. SQS | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S0366M | 62 59 2 | 157 40 58 | 1 | 7 | 2 | -- | 1 | N | N | N | 100 |
| S0368M | 62 54 6 | 157 44 25 | 2 | 7 | 2 | -- | 1 | N | N | N | 100 |
| S0369M | 62 54 4 | 157 44 32 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0370M | 62 53 56 | 157 37 20 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 150 |
| S0371MD2 | 62 53 8 | 157 38 12 | 1 | 5 | 1.5 | -- | .5 | N | N | N | 150 |
| S0371MD3 | 62 53 8 | 157 38 12 | .7 | 3 | 1.5 | -- | .7 | N | N | N | 200 |
| S0372M | 62 52 50 | 157 31 30 | .7 | 3 | 1 | -- | .5 | N | N | N | 100 |
| S0373M | 62 28 6 | 157 57 25 | 2 | 10 | 3 | -- | .7 | N | N | N | 200 |
| S0374M | 62 26 1 | 157 56 21 | 2 | 15 | 3 | -- | 1 | <.5 | <200 | N | 200 |
| S0375M | 62 45 5 | 157 37 36 | .3 | 3 | .5 | -- | .7 | N | N | N | 200 |
| S0376M | 62 43 47 | 157 38 19 | .2 | 5 | 1 | -- | 1 | N | N | N | 200 |
| S0377M | 62 41 48 | 157 38 44 | .3 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0378M | 62 42 41 | 157 32 51 | .5 | 5 | 1 | -- | 1 | N | N | N | 200 |
| S0379M | 62 40 56 | 157 32 11 | .3 | 3 | 1 | -- | .7 | N | N | N | 200 |
| S0380M | 62 39 47 | 157 33 32 | .2 | 3 | .7 | -- | .5 | N | N | N | 200 |
| 1985 SAMPLES | | | | | | | | | | | |
| S0410M | 62 31 31 | 158 52 41 | 2 | 7 | 1 | -- | .5 | N | N | N | 100 |
| S0413M | 62 34 8 | 158 41 9 | 1 | 5 | .7 | -- | .5 | N | N | N | 200 |
| S0414M | 62 34 57 | 158 42 12 | 3 | 7 | 1.5 | -- | 1 | N | N | N | 70 |
| S0420M | 62 34 12 | 158 34 38 | .7 | 7 | .5 | -- | .5 | N | N | N | 100 |
| S0424M | 62 19 51 | 158 2 21 | 1 | 10 | 1.5 | -- | .7 | N | N | N | 200 |
| S0427M | 62 19 35 | 157 51 14 | 1.5 | 10 | 1 | -- | .7 | N | N | N | 100 |
| S0428M | 62 20 15 | 157 56 19 | 1 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0429MD2 | 62 20 30 | 157 52 42 | .7 | 7 | 1.5 | -- | .7 | N | N | N | 150 |
| S0431M | 62 22 0 | 157 29 21 | .7 | 5 | 1 | -- | 1 | N | N | N | 100 |
| S0432M | 62 19 1 | 157 28 51 | 1 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0433M | 62 17 22 | 157 27 54 | 1 | 3 | .5 | -- | .5 | N | N | N | 100 |
| S0434M | 62 16 43 | 157 22 56 | 1 | 7 | 1.5 | -- | .5 | N | N | N | 100 |
| S0435M | 62 19 0 | 157 23 0 | .7 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0436M | 62 24 23 | 157 12 10 | .5 | 5 | 1 | -- | .5 | N | N | N | 70 |
| S0437MD2 | 62 17 52 | 157 11 40 | 1 | 5 | 1 | -- | 1 | N | N | N | 200 |
| S0437MD3 | 62 17 52 | 157 11 40 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 150 |
| S0438MD1 | 62 19 0 | 157 11 5 | .7 | 5 | .5 | -- | .5 | N | N | N | 150 |
| S0439M | 62 16 9 | 157 12 50 | 1.5 | 5 | 1 | -- | .7 | N | N | N | 100 |
| S0440M | 62 16 20 | 157 19 48 | 1 | 5 | 1 | -- | .7 | N | N | N | 100 |
| S0441M | 62 13 12 | 157 22 55 | 1 | 7 | 1.5 | -- | .7 | N | N | N | 200 |
| S0442M | 62 12 10 | 157 24 30 | 1 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0443M | 62 14 53 | 157 4 59 | .5 | 5 | 1 | -- | .7 | N | N | N | 150 |
| S0444M | 62 14 51 | 157 5 1 | .7 | 7 | 1.5 | -- | .7 | N | N | N | 150 |
| S0445M | 62 14 10 | 157 11 13 | 1 | 7 | 1 | -- | .7 | N | N | N | 150 |
| S0446M | 62 11 22 | 157 3 25 | 1 | 5 | 1 | -- | .5 | N | N | N | 150 |
| S0447M | 62 8 35 | 157 1 48 | .7 | 5 | 1 | -- | .7 | N | N | N | 100 |
| S0448M | 62 6 6 | 157 4 8 | 1 | 7 | 1.5 | -- | .7 | N | N | N | 100 |
| S0449MD2 | 62 6 40 | 157 6 15 | 1 | 5 | 1 | -- | .7 | N | N | N | 100 |
| S0449MD3 | 62 6 40 | 157 6 15 | 1 | 5 | 1.5 | -- | 1 | N | N | N | 150 |
| S0450MD1 | 62 6 21 | 157 8 50 | 2 | 5 | 1.5 | -- | .7 | N | N | N | 150 |
| S0451M | 62 4 39 | 157 8 38 | .7 | 5 | 1 | -- | .7 | 70 | N | N | 100 |
| S0452M | 62 4 16 | 157 2 49 | 2 | 7 | 1.5 | -- | 1 | N | N | N | 100 |
| S0454M | 62 21 41 | 157 45 2 | .5 | 5 | .5 | -- | .5 | N | N | N | 150 |
| S0456MD2 | 62 35 53 | 157 58 19 | .7 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0457M | 62 35 59 | 158 2 21 | 1 | 5 | 1 | -- | .7 | .5 | N | N | 150 |
| S0458M | 62 39 39 | 157 57 25 | 1 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0459M | 62 41 8 | 157 59 47 | 2 | 5 | 1 | -- | .5 | N | N | N | 50 |
| S0461M | 62 30 21 | 157 28 40 | 1 | 7 | 1 | -- | .7 | N | N | N | 150 |
| S0462M | 62 33 8 | 157 18 8 | 5 | 7 | 10 | -- | .5 | N | N | N | 50 |
| S0463M | 62 32 7 | 157 18 9 | .7 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0465MD2 | 62 35 3 | 157 13 3 | 5 | 7 | 5 | -- | .7 | N | N | N | 50 |
| S0465MD3 | 62 35 3 | 157 13 3 | 5 | 5 | 5 | -- | .5 | N | N | N | 50 |
| S0466MD1 | 62 36 8 | 157 12 17 | 5 | 7 | 5 | -- | .3 | N | N | N | 50 |
| S0467M | 62 31 1 | 157 13 32 | .7 | 5 | 1 | -- | .3 | N | N | N | 150 |
| S0468MD2 | 62 4 55 | 156 55 55 | 2 | 5 | 1 | -- | .7 | N | N | N | 150 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ba-ppm SQS | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0366M | 700 | 1 | N | N | 30 | 100 | 30 | -- | -- | 20 | 1,000 | <5 | <20 |
| S0368M | 700 | 1 | N | N | 30 | 100 | 50 | -- | -- | <20 | 1,000 | N | N |
| S0369M | 1,000 | 1.5 | N | N | 30 | 300 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0370M | 700 | 1 | N | N | 20 | 100 | 10 | -- | -- | 50 | 700 | N | N |
| S0371MD2 | 700 | 1 | N | N | 20 | 100 | 30 | -- | -- | <20 | 700 | N | N |
| S0371MD3 | 700 | 1.5 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0372M | 500 | 2 | N | N | 10 | 200 | 10 | -- | -- | <20 | 500 | N | N |
| S0373M | 1,000 | 2 | N | N | 30 | 1,000 | 30 | -- | -- | <20 | 2,000 | <5 | N |
| S0374M | 1,000 | 1.5 | N | N | 30 | 500 | 70 | -- | -- | <20 | 2,000 | <5 | N |
| S0375M | 700 | 1 | N | N | 15 | 100 | 20 | -- | -- | <20 | 700 | N | N |
| S0376M | 1,000 | <1 | N | N | 20 | 500 | 20 | -- | -- | 50 | 1,000 | N | N |
| S0377M | 1,000 | 1 | N | N | 20 | 150 | 30 | -- | -- | <20 | 1,500 | N | N |
| S0378M | 1,000 | 1.5 | N | N | 30 | 500 | 30 | -- | -- | 20 | 1,000 | <5 | N |
| S0379M | 1,000 | 1.5 | N | N | 20 | 150 | 20 | -- | -- | 20 | 500 | N | <20 |
| S0380M | 1,000 | 1 | N | N | 10 | 150 | 20 | -- | -- | <20 | 500 | N | N |
| 1985 SAMPLES | | | | | | | | | | | | | |
| S0410M | 1,000 | <1 | N | N | 30 | 100 | 15 | -- | -- | <20 | 3,000 | N | N |
| S0413M | 700 | 1 | N | N | 5 | 50 | 20 | -- | -- | <20 | 700 | N | N |
| S0414M | 1,500 | <1 | N | N | 20 | 150 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0420M | 1,000 | 2 | N | N | 15 | 50 | 15 | -- | -- | <20 | 1,000 | N | N |
| S0424M | 1,500 | 1.5 | N | N | 20 | 100 | 30 | -- | -- | <20 | 2,000 | N | N |
| S0427M | 1,000 | 1.5 | N | N | 15 | 100 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0428M | 1,000 | <1 | N | N | 15 | 200 | 20 | -- | -- | 20 | 700 | N | N |
| S0429MD2 | 1,000 | <1 | N | N | 20 | 500 | 15 | -- | -- | 20 | 1,000 | N | <20 |
| S0431M | 700 | <1 | N | N | 15 | 100 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0432M | 1,500 | <1 | N | N | 10 | 500 | 15 | -- | -- | <20 | 1,000 | N | N |
| S0433M | 700 | 1.5 | N | N | 10 | 50 | 15 | -- | -- | <20 | 500 | N | N |
| S0434M | 1,000 | 1 | N | N | 15 | 100 | 30 | -- | -- | <20 | 1,500 | N | N |
| S0435M | 2,000 | 1 | N | N | 20 | 200 | 20 | -- | -- | <20 | 1,500 | N | N |
| S0436M | 700 | <1 | N | N | 20 | 200 | 20 | -- | -- | <20 | 700 | N | N |
| S0437MD2 | 1,500 | <1 | N | N | 20 | 100 | 20 | -- | -- | 20 | 700 | N | N |
| S0437MD3 | 1,500 | 1 | N | N | 20 | 100 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0438MD1 | 700 | 1 | N | N | 5 | 20 | 15 | -- | -- | <20 | 500 | N | N |
| S0439M | 1,000 | <1 | N | N | 15 | 100 | 20 | -- | -- | 50 | 700 | N | <20 |
| S0440M | 1,000 | <1 | N | N | 20 | 20 | 20 | -- | -- | <20 | 700 | N | <20 |
| S0441M | 2,000 | <1 | N | N | 20 | 200 | 30 | -- | -- | 200 | 1,000 | N | N |
| S0442M | 1,000 | 1 | N | N | 15 | 70 | 20 | -- | -- | 20 | 500 | N | N |
| S0443M | 1,500 | 1 | N | N | 15 | 100 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0444M | 1,500 | 1 | N | N | 50 | 200 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0445M | 1,000 | 1.5 | N | N | 20 | 100 | 20 | -- | -- | 20 | 700 | N | N |
| S0446M | 700 | 1.5 | N | N | 10 | 100 | 20 | -- | -- | <20 | 500 | N | N |
| S0447M | 1,000 | <1 | N | N | 20 | 100 | 20 | -- | -- | 20 | 700 | N | <20 |
| S0448M | 1,000 | 5 | N | N | 15 | 200 | 30 | -- | -- | <20 | 1,000 | N | N |
| S0449MD2 | 1,000 | 1 | N | N | 20 | 150 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0449MD3 | 1,500 | <1 | N | N | 20 | 100 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0450MD1 | 2,000 | <1 | N | N | 20 | 200 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0451M | 1,000 | <1 | N | N | 15 | 70 | 20 | -- | -- | 20 | 700 | 5 | N |
| S0452M | 1,500 | <1 | N | N | 20 | 200 | 30 | -- | -- | 20 | 1,500 | N | <20 |
| S0454M | 700 | 2 | N | N | 10 | 50 | 20 | -- | -- | <20 | 500 | N | N |
| S0456MD2 | 1,000 | 1 | N | N | 50 | 200 | 20 | -- | -- | <20 | 2,000 | N | N |
| S0457M | 1,000 | 1.5 | N | N | 10 | 50 | 10 | -- | -- | <20 | 500 | N | N |
| S0458M | 1,000 | <1 | N | N | 20 | 70 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0459M | 1,000 | <1 | N | N | 10 | 100 | 15 | -- | -- | <20 | 500 | N | N |
| S0461M | 1,000 | <1 | N | N | 20 | 500 | 20 | -- | -- | N | 1,500 | N | N |
| S0462M | 2,000 | <1 | N | N | 30 | 2,000 | 20 | -- | -- | N | 2,000 | N | N |
| S0463M | 2,000 | 1 | N | N | 20 | 100 | 30 | -- | -- | <20 | 2,000 | N | N |
| S0465MD2 | 2,000 | <1 | N | N | 30 | 2,000 | 20 | -- | -- | N | 2,000 | N | N |
| S0465MD3 | 1,500 | <1 | N | N | 30 | 1,500 | 20 | -- | -- | N | 1,000 | N | N |
| S0466MD1 | 1,000 | <1 | N | N | 50 | 2,000 | 20 | -- | -- | N | 2,000 | N | N |
| S0467M | 1,000 | <1 | N | N | 15 | 100 | 20 | -- | -- | <20 | 500 | N | <20 |
| S0468MD2 | 1,000 | 1 | N | N | 15 | 100 | 20 | -- | -- | 20 | 1,000 | N | N |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ni-ppm SQS | Pb-ppm SQS | Sb-ppm SQS | Sc-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | Th-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0366M | 50 | 15 | N | 30 | N | 200 | N | 200 | N | 50 | <200 | 500 | .8 |
| S0368M | 30 | <10 | N | 20 | N | <100 | N | 300 | N | 50 | <200 | 300 | .5 |
| S0369M | 50 | 15 | N | 20 | N | 150 | N | 200 | N | 50 | <200 | 500 | .65 |
| S0370M | 20 | <10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 1,000 | 1.1 |
| S0371MD2 | 30 | <10 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 200 | .6 |
| S0371MD3 | 30 | 10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 300 | .7 |
| S0372M | 30 | <10 | N | 15 | N | <100 | N | 150 | N | 20 | <200 | 300 | .6 |
| S0373M | 150 | 20 | N | 30 | N | 150 | N | 200 | N | 30 | <200 | 300 | 2.1 |
| S0374M | 150 | 10 | N | 20 | N | <100 | N | 300 | N | 30 | <200 | 300 | 1.3 |
| S0375M | 50 | <10 | N | 10 | N | N | N | 150 | N | 20 | <200 | 200 | .55 |
| S0376M | 100 | 10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 1,000 | .35 |
| S0377M | 50 | <10 | N | 10 | N | N | N | 200 | N | 30 | <200 | 200 | 1.1 |
| S0378M | 70 | 20 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 200 | 1.2 |
| S0379M | 50 | <10 | N | 15 | N | N | N | 200 | N | 30 | <200 | 300 | .5 |
| S0380M | 30 | <10 | N | 10 | N | N | N | 200 | N | 20 | <200 | 500 | .25 |
| 1985 SAMPLES | | | | | | | | | | | | | |
| S0410M | 30 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 300 | 1.7 |
| S0413M | 20 | 20 | N | 10 | N | <100 | N | 200 | N | 15 | <200 | 200 | 12 |
| S0414M | 30 | 20 | N | 20 | N | 500 | N | 200 | N | 70 | <200 | 500 | 1.2 |
| S0420M | 30 | 10 | N | 10 | N | 100 | N | 150 | N | 20 | N | 300 | 2.1 |
| S0424M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | N | 500 | .8 |
| S0427M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | N | 500 | .75 |
| S0428M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 700 | .9 |
| S0429MD2 | 70 | 20 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 700 | .55 |
| S0431M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 20 | <200 | 200 | .7 |
| S0432M | 30 | 15 | N | 10 | N | <100 | N | 200 | N | 20 | <200 | 200 | .55 |
| S0433M | 30 | 10 | N | 10 | N | <100 | N | 200 | N | 20 | <200 | 200 | .8 |
| S0434M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 300 | .7 |
| S0435M | 50 | 20 | N | 15 | N | N | N | 200 | N | 20 | <200 | 500 | 1 |
| S0436M | 50 | 20 | N | 10 | N | 100 | N | 150 | N | 30 | <200 | 500 | .8 |
| S0437MD2 | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 700 | 1.1 |
| S0437MD3 | 50 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 500 | 1.4 |
| S0438MD1 | 20 | <10 | N | 7 | N | N | N | 200 | N | 30 | N | 500 | .85 |
| S0439M | 30 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 700 | 1.1 |
| S0440M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 200 | .75 |
| S0441M | 50 | 20 | N | 20 | N | N | N | 200 | N | 50 | <200 | 500 | 1.4 |
| S0442M | 50 | 15 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 500 | .8 |
| S0443M | 30 | 15 | N | 15 | N | N | N | 200 | N | 50 | <200 | 500 | 1.2 |
| S0444M | 50 | 15 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 200 | .9 |
| S0445M | 50 | 15 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | 1 |
| S0446M | 30 | 15 | N | 15 | N | <100 | N | 150 | N | 20 | <200 | 300 | 1.5 |
| S0447M | 30 | 15 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .6 |
| S0448M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 300 | .65 |
| S0449MD2 | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .6 |
| S0449MD3 | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .7 |
| S0450MD1 | 30 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 700 | 1.2 |
| S0451M | 50 | 20 | N | 15 | N | 100 | N | 200 | N | 50 | <200 | 500 | 1.1 |
| S0452M | 50 | 20 | N | 15 | N | N | N | 200 | N | 50 | <200 | 1,000 | .8 |
| S0454M | 30 | <10 | N | 10 | N | N | N | 150 | N | 20 | N | 200 | .75 |
| S0456MD2 | 100 | 15 | N | 20 | N | <100 | N | 200 | N | 70 | <200 | 300 | .6 |
| S0457M | 20 | 20 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 500 | .5 |
| S0458M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 70 | <200 | 500 | 1.1 |
| S0459M | 20 | 10 | N | 15 | N | 100 | N | 200 | N | 20 | <200 | 200 | .75 |
| S0461M | 50 | 15 | N | 20 | N | <100 | N | 200 | N | 70 | <200 | 200 | .85 |
| S0462M | 200 | 50 | N | 30 | N | 100 | N | 200 | N | 20 | <200 | 200 | 1.5 |
| S0463M | 50 | 30 | N | 15 | N | N | N | 200 | N | 30 | <200 | 200 | 1.3 |
| S0465MD2 | 100 | 20 | N | 30 | N | 100 | N | 200 | N | 20 | <200 | 200 | 1.2 |
| S0465MD3 | 100 | 20 | N | 30 | N | 100 | N | 200 | N | 20 | <200 | 200 | .7 |
| S0466MD1 | 100 | 15 | N | 30 | N | 100 | N | 200 | N | 20 | <200 | 100 | 1.3 |
| S0467M | 50 | 10 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 200 | 1.2 |
| S0468MD2 | 30 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | 1 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Ca-pct. SQS | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S0469MD2 | 62 3 54 | 157 23 31 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0473MD2 | 62 3 4 | 157 25 40 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0476M | 62 1 7 | 157 25 26 | 1 | 7 | 1 | -- | .5 | N | N | N | 200 |
| S0477M | 62 8 37 | 157 22 5 | 1.5 | 7 | 1 | -- | 1 | N | N | N | 200 |
| S0478M | 62 11 33 | 157 28 30 | 1 | 5 | 1 | -- | .5 | N | N | N | 100 |
| S0479M | 62 2 12 | 156 56 0 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0480M | 62 4 30 | 156 50 38 | 1.5 | 5 | 1 | -- | .7 | N | N | N | 150 |
| S0481M | 62 6 38 | 156 47 49 | 2 | 7 | 1.5 | -- | .5 | N | N | N | 150 |
| S0482M | 62 6 33 | 156 42 4 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0483M | 62 0 40 | 156 34 19 | 1 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0484M | 62 6 40 | 156 56 10 | 1.5 | 5 | 1.5 | -- | 1 | N | N | N | 150 |
| S0485MD1 | 62 4 54 | 156 55 49 | 3 | 7 | 1.5 | -- | .7 | N | N | N | 200 |
| S0492M | 62 7 25 | 157 28 26 | 1 | 5 | 1 | -- | .7 | N | N | N | 100 |
| S0493M | 62 9 0 | 157 26 35 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0494M | 62 14 49 | 157 29 50 | 1 | 7 | 1 | -- | 1 | N | N | N | 100 |
| S0495M | 62 1 55 | 156 54 10 | 2 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0496M | 62 7 20 | 156 52 10 | 1 | 7 | 1 | -- | 1 | N | N | N | 200 |
| S0497M | 62 8 3 | 156 47 3 | 2 | 5 | 2 | -- | 1 | N | N | N | 200 |
| S0498MD1 | 62 4 15 | 156 37 46 | 1.5 | 5 | 1 | -- | .7 | N | N | N | 150 |
| S0499MD2 | 62 4 17 | 156 37 45 | 1 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0499MD3 | 62 4 17 | 156 37 45 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0613M | 62 26 57 | 158 1 36 | .1 | 5 | .1 | -- | .01 | N | N | N | N |
| S0614M | 62 26 52 | 158 7 24 | 2 | 5 | 2 | -- | .7 | N | N | N | 150 |
| S0615M | 62 26 59 | 158 7 35 | 2 | 7 | 2 | -- | .7 | N | N | N | 100 |
| S0617M | 62 28 39 | 158 1 35 | 1 | 7 | 1 | -- | 1 | N | N | N | 150 |
| S0618M | 62 28 5 | 158 0 57 | 3 | 7 | 3 | -- | .7 | N | N | N | 200 |
| S0619M | 62 28 5 | 158 0 59 | 2 | 5 | 2 | -- | .7 | 1 | N | N | 100 |
| S0620M | 62 3 5 | 156 34 56 | 1 | 5 | 1 | -- | 1 | N | N | N | 150 |
| S0621M | 62 0 50 | 156 39 20 | 2 | 5 | 1 | -- | .7 | N | N | N | 150 |
| S0622M | 62 4 35 | 156 42 58 | .7 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0623M | 62 0 38 | 156 42 0 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0624M | 62 5 31 | 156 32 9 | 1 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0625M | 62 9 19 | 156 31 33 | 1.5 | 7 | 1.5 | -- | 1 | N | N | N | 200 |
| S0626M | 62 23 19 | 156 37 1 | 1.5 | 7 | 1.5 | -- | .5 | N | N | N | 150 |
| S0627M | 62 39 56 | 157 23 38 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 150 |
| S0628M | 62 43 5 | 157 27 13 | .5 | 7 | 1 | -- | .7 | N | N | N | 200 |
| S0629M | 62 43 39 | 157 22 40 | .5 | 7 | 1 | -- | .7 | N | N | N | 150 |
| S0630M | 62 44 22 | 157 17 28 | 1 | 5 | 1 | -- | .7 | N | N | N | 150 |
| S0631M | 62 9 10 | 156 41 41 | 1.5 | 5 | 1.5 | -- | .7 | <.5 | N | N | 150 |
| S0632M | 62 4 21 | 156 45 48 | .7 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0633M | 62 0 38 | 156 47 37 | 1 | 5 | 1 | -- | .7 | N | N | N | 100 |
| S0634M | 62 6 17 | 156 40 2 | .5 | 5 | 1 | -- | .5 | N | N | N | 150 |
| S0635M | 62 20 56 | 156 33 52 | 1 | 7 | 1 | -- | .5 | N | N | N | 200 |
| S0636MD1 | 62 41 10 | 157 12 30 | 3 | 7 | 10 | -- | .5 | N | N | N | 70 |
| S0637M | 62 43 45 | 157 12 24 | 1 | 7 | 1.5 | -- | .5 | N | N | N | 150 |
| S0638M | 62 38 55 | 157 13 49 | 3 | 10 | 5 | -- | .5 | N | N | N | 70 |
| S0639M | 62 42 6 | 157 18 0 | 1 | 7 | 1 | -- | .5 | N | N | N | 200 |
| S0641M | 62 39 29 | 157 28 4 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0642M | 62 41 30 | 157 27 34 | 1 | 7 | 1.5 | -- | 1 | N | N | N | 200 |
| S0643M | 62 40 19 | 157 22 21 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 150 |
| S0644MD3 | 62 41 13 | 157 12 29 | 1 | 5 | 2 | -- | .5 | N | N | N | 200 |
| S0645M | 62 32 38 | 157 6 39 | 1 | 7 | 1 | -- | .5 | <.5 | N | N | 150 |
| S0646MD2 | 62 31 16 | 157 8 26 | 1 | 7 | 1 | -- | 1 | N | N | N | 200 |
| S0646MD3 | 62 31 16 | 157 8 26 | 3 | 7 | 3 | -- | .7 | N | N | N | 200 |
| S0647M | 62 33 2 | 157 2 18 | 2 | 5 | 2 | -- | .7 | N | N | N | 200 |
| S0648MD1 | 62 31 30 | 157 8 16 | 1 | 7 | 1.5 | -- | .7 | N | N | N | 200 |
| S0704M | 62 23 59 | 158 46 15 | 2 | 5 | 1 | -- | 1 | N | N | N | 50 |
| S0705M | 62 21 28 | 158 46 7 | 1 | 5 | .5 | -- | .5 | N | N | N | 100 |
| S0708M | 62 24 31 | 158 42 21 | 2 | 5 | 1 | -- | 1 | N | N | N | 100 |
| S0710M | 62 23 50 | 158 34 13 | 2 | 10 | 2 | -- | 1 | N | N | N | 100 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ba-ppm SQS | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0469MD2 | 1,500 | <1 | N | N | 20 | 100 | 20 | -- | -- | 30 | 1,500 | N | N |
| S0473MD2 | 1,000 | 1 | N | N | 20 | 150 | 15 | -- | -- | 30 | 700 | N | <20 |
| S0476M | 1,000 | 2 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0477M | 1,000 | <1 | N | N | 15 | 200 | 20 | -- | -- | <20 | 1,000 | <5 | N |
| S0478M | 1,000 | 1 | N | N | 15 | 100 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0479M | 700 | 2 | N | N | 10 | 100 | 20 | -- | -- | <20 | 500 | N | N |
| S0480M | 1,500 | 1 | N | N | 15 | 100 | 20 | -- | -- | <20 | 700 | N | N |
| S0481M | 1,000 | 2 | N | N | 20 | 100 | 20 | -- | -- | <20 | 2,000 | N | N |
| S0482M | 1,500 | 3 | N | N | 20 | 100 | 20 | -- | -- | <20 | 700 | N | N |
| S0483M | 1,000 | <1 | N | N | 15 | 70 | 30 | -- | -- | 30 | 700 | N | <20 |
| S0484M | 1,000 | <1 | N | N | 20 | 100 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0485MD1 | 2,000 | <1 | N | N | 15 | 200 | 20 | -- | -- | 20 | 2,000 | N | N |
| S0492M | 1,500 | 1 | N | N | 20 | 50 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0493M | 1,000 | 1 | N | N | 50 | 200 | 15 | -- | -- | 20 | 700 | N | <20 |
| S0494M | 1,000 | <1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,000 | N | <20 |
| S0495M | 1,000 | <1 | N | N | 15 | 200 | 20 | -- | -- | 20 | 700 | N | <20 |
| S0496M | 1,500 | <1 | N | N | 20 | 200 | 15 | -- | -- | 20 | 1,000 | N | N |
| S0497M | 1,500 | 1 | N | N | 20 | 150 | 20 | -- | -- | 20 | 1,000 | 5 | <20 |
| S0498MD1 | 1,500 | 1 | N | N | 15 | 100 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0499MD2 | 1,500 | 1 | N | N | 15 | 50 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0499MD3 | 2,000 | 1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 2,000 | N | <20 |
| S0613M | 70 | <1 | N | N | N | <10 | 5 | -- | -- | <20 | 100 | N | N |
| S0614M | 1,000 | <1 | N | N | 50 | 500 | 30 | -- | -- | <20 | 2,000 | N | N |
| S0615M | 1,000 | 1 | N | N | 30 | 500 | 30 | -- | -- | <20 | 2,000 | N | N |
| S0617M | 1,000 | 1 | N | N | 20 | 1,000 | 15 | -- | -- | <20 | 1,000 | <5 | N |
| S0618M | 1,500 | 1.5 | N | N | 10 | 500 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0619M | 1,000 | 2 | N | N | 20 | 1,000 | 20 | -- | -- | <20 | 1,500 | N | N |
| S0620M | 1,500 | 1 | N | N | 20 | 200 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0621M | 1,000 | 1 | N | N | 15 | 100 | 20 | -- | -- | 20 | 700 | N | N |
| S0622M | 1,000 | <1 | N | N | 15 | 100 | 15 | -- | -- | <20 | 700 | N | N |
| S0623M | 1,500 | <1 | N | N | 15 | 50 | 15 | -- | -- | <20 | 1,000 | N | N |
| S0624M | 1,000 | 2 | N | N | 10 | 100 | 15 | -- | -- | 20 | 700 | N | N |
| S0625M | 1,500 | <1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,500 | N | N |
| S0626M | 1,500 | 2 | N | N | 20 | 50 | 20 | -- | -- | 20 | 2,000 | N | N |
| S0627M | 700 | 1 | N | N | 20 | 100 | 15 | -- | -- | <20 | 700 | N | N |
| S0628M | 1,500 | 1.5 | N | N | 20 | 200 | 30 | -- | -- | <20 | 500 | N | <20 |
| S0629M | 1,000 | <1 | N | N | 20 | 500 | 20 | -- | -- | N | 700 | N | N |
| S0630M | 1,000 | <1 | N | N | 20 | 500 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0631M | 1,500 | 1 | N | N | 30 | 100 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0632M | 1,500 | <1 | N | N | 15 | 100 | 20 | -- | -- | <20 | 500 | N | N |
| S0633M | 1,000 | <1 | N | N | 15 | 100 | 20 | -- | -- | 20 | 500 | N | N |
| S0634M | 1,000 | 1 | N | N | 15 | 70 | 20 | -- | -- | <20 | 700 | N | N |
| S0635M | 1,500 | 1 | N | N | 20 | 100 | 30 | -- | -- | 20 | 1,000 | N | N |
| S0636MD1 | 2,000 | <1 | N | N | 50 | 5,000 | 20 | -- | -- | N | 2,000 | N | N |
| S0637M | 300 | 1 | N | N | 15 | 200 | 15 | -- | -- | <20 | 3,000 | N | N |
| S0638M | 1,500 | 1 | N | N | 50 | 1,500 | 50 | -- | -- | N | 2,000 | N | N |
| S0639M | 2,000 | <1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0641M | 1,000 | <1 | N | N | 20 | 700 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0642M | 1,500 | 1 | N | N | 20 | 300 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0643M | 1,000 | <1 | N | N | 20 | 300 | 20 | -- | -- | 100 | 1,000 | N | N |
| S0644MD3 | 1,000 | 1 | N | N | 20 | 300 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0645M | 2,000 | 1 | N | N | 20 | 50 | 50 | -- | -- | <20 | 2,000 | N | N |
| S0646MD2 | 1,500 | 1.5 | N | N | 15 | 100 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0646MD3 | 1,000 | <1 | N | N | 30 | 1,000 | 30 | -- | -- | N | 3,000 | N | N |
| S0647M | 2,000 | 1.5 | N | N | 20 | 100 | 20 | -- | -- | <20 | 2,000 | N | N |
| S0648MD1 | 2,000 | 1 | N | N | 20 | 100 | 30 | -- | -- | <20 | 1,500 | N | <20 |
| S0704M | 1,000 | 1 | N | N | 15 | 100 | 20 | -- | -- | <20 | 1,000 | N | <20 |
| S0705M | 700 | 1 | N | N | 5 | 50 | 10 | -- | -- | <20 | 500 | N | N |
| S0708M | 1,500 | 1 | N | N | 20 | 200 | 10 | -- | -- | 20 | 1,500 | N | <20 |
| S0710M | 700 | <1 | N | N | 30 | 300 | 20 | -- | -- | <20 | 1,500 | N | N |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ni-ppm SQS | Pb-ppm SQS | Sb-ppm SQS | Sc-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | Th-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0469MD2 | 50 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 500 | 1.4 |
| S0473MD2 | 30 | 15 | N | 15 | N | 100 | N | 150 | N | 50 | <200 | 500 | 1.2 |
| S0476M | 50 | 10 | N | 10 | N | N | N | 200 | N | 30 | N | 500 | .8 |
| S0477M | 50 | 20 | N | 15 | N | <100 | N | 100 | N | 30 | <200 | 500 | 1 |
| S0478M | 50 | 15 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 200 | .45 |
| S0479M | 30 | 10 | N | 10 | N | N | N | 150 | N | 30 | N | 500 | .65 |
| S0480M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 700 | .8 |
| S0481M | 50 | 20 | N | 15 | N | 100 | N | 200 | N | 30 | <200 | 200 | 1 |
| S0482M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | .85 |
| S0483M | 50 | 15 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | 1.3 |
| S0484M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 70 | <200 | 1,000 | 1.7 |
| S0485MD1 | 30 | 20 | N | 15 | N | 100 | N | 200 | N | 50 | <200 | 500 | .7 |
| S0492M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 300 | .9 |
| S0493M | 50 | 15 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .8 |
| S0494M | 30 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | .6 |
| S0495M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | 1.1 |
| S0496M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 500 | .8 |
| S0497M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .8 |
| S0498MD1 | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.2 |
| S0499MD2 | 50 | 15 | N | 10 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.2 |
| S0499MD3 | 50 | 15 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1 |
| S0613M | <5 | N | N | N | N | N | N | 20 | N | <10 | N | N | .3 |
| S0614M | 100 | 30 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 300 | 1.7 |
| S0615M | 100 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 300 | 2 |
| S0617M | 50 | 15 | N | 20 | N | <100 | N | 200 | N | 20 | <200 | 500 | .65 |
| S0618M | 100 | 30 | N | 20 | N | 100 | N | 200 | N | 30 | <200 | 200 | .35 |
| S0619M | 150 | 20 | N | 20 | N | 200 | N | 150 | N | 30 | <200 | 500 | .7 |
| S0620M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 1,000 | 1.3 |
| S0621M | 30 | 15 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | 1.2 |
| S0622M | 50 | 10 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 300 | .7 |
| S0623M | 30 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 700 | .65 |
| S0624M | 30 | 10 | N | 10 | N | N | N | 200 | N | 30 | N | 500 | 1 |
| S0625M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .6 |
| S0626M | 50 | 30 | N | 20 | N | 100 | N | 200 | N | 70 | <200 | 300 | .5 |
| S0627M | 50 | 15 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 200 | .45 |
| S0628M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 300 | .7 |
| S0629M | 50 | 10 | N | 15 | N | N | N | 200 | N | 20 | <200 | 300 | .45 |
| S0630M | 50 | 20 | N | 20 | N | N | N | 200 | N | 30 | <200 | 300 | 1 |
| S0631M | 50 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 300 | 1 |
| S0632M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 500 | .7 |
| S0633M | 30 | 15 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 300 | 1.4 |
| S0634M | 30 | 15 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 200 | .5 |
| S0635M | 50 | 20 | N | 15 | N | 100 | N | 200 | N | 30 | <200 | 300 | 1.1 |
| S0636MD1 | 200 | 20 | N | 30 | N | 100 | N | 300 | N | 30 | <200 | 200 | .8 |
| S0637M | 50 | 10 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 200 | .4 |
| S0638M | 200 | 30 | N | 30 | N | 100 | N | 200 | N | 20 | <200 | 200 | 1.5 |
| S0639M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 20 | <200 | 200 | .45 |
| S0641M | 70 | 10 | N | 20 | N | <100 | N | 200 | N | 20 | <200 | 200 | .65 |
| S0642M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 70 | <200 | 500 | .55 |
| S0643M | 50 | 10 | N | 20 | N | N | N | 200 | N | 50 | <200 | 200 | .5 |
| S0644MD3 | 50 | 10 | N | 20 | N | 100 | N | 200 | N | 20 | <200 | 200 | .8 |
| S0645M | 100 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 300 | 1 |
| S0646MD2 | 50 | 15 | N | 15 | N | <100 | N | 200 | N | 50 | N | 300 | 1.1 |
| S0646MD3 | 150 | 30 | N | 20 | N | 100 | N | 200 | N | 30 | <200 | 200 | .65 |
| S0647M | 30 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 700 | .75 |
| S0648MD1 | 70 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.3 |
| S0704M | 50 | 20 | N | 15 | N | 200 | N | 200 | N | 30 | <200 | 100 | 2.9 |
| S0705M | 15 | 20 | N | 10 | N | <100 | N | 200 | N | 30 | <200 | 150 | 1.3 |
| S0708M | 30 | 30 | N | 20 | N | 500 | N | 200 | N | 50 | <200 | 700 | .9 |
| S0710M | 50 | 20 | N | 20 | N | 200 | N | 200 | N | 30 | <200 | 300 | 1.1 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Ca-pct. SQS | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S0711M | 62 26 49 | 158 35 32 | 2 | 5 | 1 | -- | 1 | N | N | N | 70 |
| S0713M | 62 20 5 | 158 34 56 | 2 | 7 | 2 | -- | 1 | N | N | N | 70 |
| S0714M | 62 18 11 | 158 36 18 | 2 | 7 | 1 | -- | 1 | N | N | N | 100 |
| S0715M | 62 15 55 | 158 47 52 | 1.5 | 5 | 1.5 | -- | .7 | N | N | N | 70 |
| S0716MD1 | 62 19 36 | 158 46 50 | 2 | 7 | 1.5 | -- | 1 | N | N | N | 100 |
| S0717MD2 | 62 19 12 | 158 49 12 | 3 | 5 | 1 | -- | .7 | N | N | N | 100 |
| S0717MD3 | 62 19 12 | 158 49 12 | 2 | 5 | 1 | -- | .5 | N | N | N | 70 |
| S0719M | 62 18 25 | 158 34 0 | 3 | 5 | 1 | -- | 1 | N | N | N | 100 |
| S0722MD2 | 62 29 6 | 158 59 42 | 2 | 5 | 1 | -- | 1 | N | N | N | 100 |
| S0722MD3 | 62 29 6 | 158 59 42 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0723MD1 | 62 27 44 | 158 55 25 | 2 | 5 | 1 | -- | .7 | N | N | N | 100 |
| S0725M | 62 17 12 | 157 53 9 | 1 | 7 | 2 | -- | .7 | N | N | N | 150 |
| S0726M | 62 15 0 | 157 59 5 | .7 | 5 | 1 | -- | .5 | N | N | N | 100 |
| S0727M | 62 7 57 | 156 56 0 | 1.5 | 5 | 1.5 | -- | 1 | N | N | N | 200 |
| S0728M | 62 8 38 | 156 59 0 | 1.5 | 7 | 1.5 | -- | .7 | N | N | N | 150 |
| S0729M | 62 12 15 | 156 58 13 | 1 | 5 | 1 | -- | 1 | N | N | N | 150 |
| S0730M | 62 9 49 | 157 8 21 | 1 | 7 | 1 | -- | 1 | N | N | N | 200 |
| S0731M | 62 8 37 | 157 7 1 | 1.5 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S0732MD2 | 62 8 12 | 157 10 38 | 2 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0732MD3 | 62 8 12 | 157 10 38 | 2 | 5 | 1 | -- | .7 | N | N | N | 100 |
| S0733MD1 | 62 7 47 | 157 11 44 | 2 | 7 | 1.5 | -- | 1 | N | N | N | 200 |
| S0734M | 62 6 1 | 157 14 59 | 1 | 5 | 1 | -- | .7 | N | N | N | 100 |
| S0735M | 62 6 54 | 157 15 40 | 2 | 7 | 1.5 | -- | .7 | N | N | N | 100 |
| S0736MD2 | 62 8 42 | 157 15 19 | 2 | 7 | 1.5 | -- | 1 | N | N | N | 150 |
| S0736MD3 | 62 8 42 | 157 15 19 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0739M | 62 58 11 | 158 53 49 | .7 | 1 | .5 | -- | .2 | N | N | N | 50 |
| S0740M | 62 57 40 | 158 47 37 | 2 | 5 | 1.5 | -- | .5 | N | N | N | 100 |
| S0743M | 62 56 22 | 158 55 52 | 1 | 3 | .7 | -- | .3 | N | N | N | 100 |
| S0744M | 62 54 5 | 158 55 41 | 1 | 7 | 1 | -- | .5 | N | N | N | 150 |
| S0745M | 62 53 4 | 158 51 40 | 2 | 5 | 1.5 | -- | .7 | N | N | N | 150 |
| S0746M | 62 53 49 | 158 49 45 | 3 | 5 | 3 | -- | .5 | N | N | N | 200 |
| S0747M | 62 50 27 | 158 57 30 | 2 | 5 | 1.5 | -- | 1 | N | N | N | 150 |
| S0748M | 62 51 17 | 158 53 57 | 2 | 5 | 1.5 | -- | 1 | N | N | N | 100 |
| S0749M | 62 50 32 | 158 47 33 | 1.5 | 5 | 1.5 | -- | 1 | N | N | N | 100 |
| S0754M | 62 46 46 | 158 50 26 | 2 | 10 | 1 | -- | 1 | N | N | N | 70 |
| S0760M | 62 43 0 | 158 52 40 | 2 | 7 | 1.5 | -- | .7 | N | N | N | 150 |
| S0762MD2 | 62 43 46 | 158 58 28 | 1 | 7 | 1.5 | -- | 1 | N | N | N | 100 |
| S0764M | 62 41 18 | 158 50 18 | .7 | 3 | .5 | -- | .3 | N | N | N | 70 |
| S0771M | 62 54 56 | 158 42 33 | 3 | 10 | 1.5 | -- | 1 | N | N | N | 100 |
| S0773M | 62 52 7 | 158 32 35 | 2 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0775M | 62 51 25 | 158 35 50 | 1 | 5 | .7 | -- | .5 | N | N | N | 100 |
| S0781MD2 | 62 38 11 | 158 41 46 | 3 | 7 | 1 | -- | .7 | N | N | N | 100 |
| S0782M | 62 41 25 | 158 45 33 | 2 | 7 | 1.5 | -- | .7 | N | N | N | 150 |
| S0786M | 62 41 2 | 158 33 10 | 1 | 5 | 1 | -- | .5 | N | N | N | 150 |
| S0789M | 62 36 41 | 158 34 51 | 2 | 5 | .7 | -- | 1 | N | N | N | 100 |
| S0794M | 62 37 54 | 158 49 20 | 2 | 5 | 1.5 | -- | >1 | N | N | N | 150 |
| S0795M | 62 37 17 | 158 45 15 | 3 | 7 | 1 | -- | .7 | N | N | N | 100 |
| S0796M | 62 33 43 | 158 46 31 | 3 | 7 | 1.5 | -- | 1 | N | N | N | 150 |
| S0797M | 62 34 44 | 158 52 36 | 2 | 7 | 1 | -- | .7 | N | N | N | 100 |
| S0799M | 62 31 52 | 158 57 8 | .3 | 5 | .5 | -- | .5 | N | N | N | 100 |
| S0800M | 62 45 38 | 157 2 59 | 3 | 5 | 5 | -- | .3 | N | N | N | 50 |
| S0801M | 62 46 1 | 157 9 52 | 2 | 7 | 2 | -- | .5 | N | N | N | 150 |
| S0802M | 62 48 46 | 157 8 11 | 2 | 5 | 2 | -- | .7 | N | N | N | 150 |
| S0803M | 62 48 8 | 157 3 0 | 3 | 5 | 7 | -- | .7 | N | N | N | 50 |
| S0804M | 62 50 3 | 157 9 1 | .7 | 5 | 1.5 | -- | .5 | N | N | N | 150 |
| S0805M | 62 50 48 | 157 14 38 | .5 | 7 | 1 | -- | .5 | N | N | N | 150 |
| S0806M | 62 53 7 | 157 13 59 | .5 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0807MD2 | 62 56 18 | 157 17 28 | 1 | 5 | 1 | -- | 1 | N | N | N | 100 |
| S0807MD3 | 62 56 18 | 157 17 28 | 1 | 7 | 1 | -- | 1 | N | N | N | 100 |
| S0808M | 62 59 21 | 156 45 46 | 1 | 5 | 1 | -- | .7 | N | N | N | 150 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ba-ppm SQS | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0711M | 1,000 | <1 | N | N | 20 | 200 | 15 | -- | -- | <20 | 1,000 | 7 | N |
| S0713M | 1,000 | 1 | N | N | 50 | 200 | 20 | -- | -- | <20 | 1,500 | 7 | <20 |
| S0714M | 1,500 | <1 | N | N | 15 | 100 | 15 | -- | -- | <20 | 1,000 | N | <20 |
| S0715M | 1,000 | 1 | N | N | 50 | 100 | 15 | -- | -- | 20 | 1,000 | <5 | <20 |
| S0716MD1 | 1,000 | 1 | N | N | 20 | 70 | 15 | -- | -- | 20 | 700 | N | <20 |
| S0717MD2 | 1,500 | 1 | N | N | 10 | 100 | 20 | -- | -- | 20 | 500 | N | 20 |
| S0717MD3 | 1,000 | 1.5 | N | N | 10 | 70 | 15 | -- | -- | 20 | 700 | N | <20 |
| S0719M | 700 | 1 | N | N | 20 | 150 | 20 | -- | -- | 20 | 500 | N | <20 |
| S0722MD2 | 2,000 | 1 | N | N | 20 | 100 | 20 | -- | -- | 20 | 1,000 | <5 | N |
| S0722MD3 | 1,500 | 1 | N | N | 20 | 100 | 20 | -- | -- | 50 | 1,000 | 5 | N |
| S0723MD1 | 2,000 | 1 | N | N | 10 | 100 | 20 | -- | -- | 20 | 1,000 | 5 | 20 |
| S0725M | 1,500 | 1 | N | N | 20 | 200 | 30 | -- | -- | <20 | 1,000 | N | <20 |
| S0726M | 500 | 2 | N | N | 10 | 100 | 20 | -- | -- | <20 | 500 | N | N |
| S0727M | 1,500 | <1 | N | N | 20 | 100 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0728M | 2,000 | 1 | N | N | 20 | 100 | 30 | -- | -- | 20 | 1,000 | <5 | N |
| S0729M | 2,000 | <1 | N | N | 15 | 100 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0730M | 1,000 | <1 | N | N | 20 | 200 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0731M | 1,000 | 1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 700 | N | N |
| S0732MD2 | 1,500 | 1 | N | N | 20 | 150 | 20 | -- | -- | 50 | 1,000 | N | N |
| S0732MD3 | 1,000 | <1 | N | N | 20 | 150 | 50 | -- | -- | 50 | 1,000 | N | N |
| S0733MD1 | 1,500 | <1 | N | N | 20 | 200 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0734M | 1,000 | 1 | N | N | 20 | 200 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0735M | 1,500 | 1 | N | N | 20 | 100 | 30 | -- | -- | <20 | 1,000 | N | N |
| S0736MD2 | 1,000 | 1 | N | N | 20 | 200 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0736MD3 | 1,000 | <1 | N | N | 15 | 100 | 30 | -- | -- | 20 | 1,000 | N | N |
| S0739M | 500 | 1 | N | N | 5 | 10 | 10 | -- | -- | <20 | 2,000 | N | N |
| S0740M | 2,000 | <1 | N | N | 15 | 200 | 20 | -- | -- | 20 | 500 | N | N |
| S0743M | 700 | 1 | N | N | 10 | 50 | 15 | -- | -- | <20 | 500 | <5 | N |
| S0744M | 1,000 | 1 | N | N | 10 | 70 | 15 | -- | -- | 20 | 700 | N | N |
| S0745M | 1,500 | 1 | N | N | 30 | 20 | 20 | -- | -- | 30 | 2,000 | N | N |
| S0746M | 2,000 | 1 | N | N | 30 | 20 | 20 | -- | -- | <20 | 5,000 | <5 | N |
| S0747M | 1,000 | 5 | N | N | 20 | 100 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0748M | 1,000 | 1 | N | N | 15 | 150 | 20 | -- | -- | 20 | 700 | N | <20 |
| S0749M | 1,500 | <1 | N | N | 20 | 70 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0754M | 1,500 | <1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 2,000 | N | N |
| S0760M | 2,000 | 1.5 | N | N | 20 | 70 | 20 | -- | -- | <20 | 2,000 | N | N |
| S0762MD2 | 1,000 | 1 | N | N | 15 | 100 | 15 | -- | -- | 20 | 1,000 | N | 20 |
| S0764M | 500 | 1.5 | N | N | <5 | 30 | 10 | -- | -- | <20 | 500 | N | N |
| S0771M | 1,000 | 1.5 | N | N | 20 | 100 | 30 | -- | -- | 20 | 1,000 | N | N |
| S0773M | 1,000 | 1 | N | N | 20 | 100 | 15 | -- | -- | <20 | 500 | N | N |
| S0775M | 500 | 1 | N | N | 10 | 20 | 15 | -- | -- | <20 | 1,000 | N | N |
| S0781MD2 | 1,000 | 1 | N | N | 15 | 100 | 15 | -- | -- | 20 | 1,000 | N | N |
| S0782M | 700 | 1.5 | N | N | 20 | 100 | 20 | -- | -- | 30 | 1,000 | N | N |
| S0786M | 700 | <1 | <10 | N | 10 | 50 | 15 | -- | -- | <20 | 500 | N | N |
| S0789M | 700 | 2 | N | N | 5 | 100 | 10 | -- | -- | 20 | 1,000 | N | N |
| S0794M | 1,000 | <1 | N | N | 15 | 200 | 15 | -- | -- | 50 | 1,000 | N | <20 |
| S0795M | 1,500 | 1 | N | N | 15 | 100 | 15 | -- | -- | 20 | 1,000 | N | <20 |
| S0796M | 1,500 | 1 | N | N | 20 | 100 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0797M | 1,000 | <1 | N | N | 10 | 100 | 15 | -- | -- | 20 | 1,500 | N | <20 |
| S0799M | 500 | 2 | N | N | 10 | 50 | 15 | -- | -- | <20 | 300 | N | N |
| S0800M | 1,000 | <1 | N | N | 20 | 2,000 | 20 | -- | -- | N | 2,000 | N | N |
| S0801M | 1,000 | 1 | N | N | 20 | 500 | 20 | -- | -- | <20 | 2,000 | N | N |
| S0802M | 1,000 | <1 | N | N | 20 | 1,000 | 20 | -- | -- | <20 | 700 | N | N |
| S0803M | 2,000 | <1 | N | N | 50 | >5,000 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0804M | 1,000 | 1 | N | N | 20 | 300 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0805M | 1,000 | 1.5 | N | N | 15 | 100 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0806M | 1,000 | 1 | N | N | 15 | 100 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0807MD2 | 1,500 | 1 | N | N | 15 | 100 | 20 | -- | -- | <20 | 700 | N | N |
| S0807MD3 | 1,000 | 1 | N | N | 10 | 100 | 20 | -- | -- | <20 | 500 | N | N |
| S0808M | 700 | 1 | N | N | 10 | 100 | 15 | -- | -- | <20 | 1,000 | N | N |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ni-ppm SQS | Pb-ppm SQS | Sb-ppm SQS | Sc-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | Th-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0711M | 30 | 50 | N | 20 | N | 500 | N | 200 | N | 50 | <200 | 500 | 3.6 |
| S0713M | 50 | 20 | N | 20 | N | 500 | N | 200 | N | 50 | <200 | 300 | 1.9 |
| S0714M | 20 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 500 | .4 |
| S0715M | 20 | 30 | N | 20 | N | 200 | N | 200 | N | 30 | <200 | 200 | 1.1 |
| S0716MD1 | 20 | 30 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 500 | 1.9 |
| S0717MD2 | 20 | 50 | N | 20 | N | 150 | N | 150 | N | 50 | <200 | 500 | 1.1 |
| S0717MD3 | 20 | 15 | N | 15 | N | 200 | N | 150 | N | 50 | <200 | 500 | 1.1 |
| S0719M | 30 | 20 | N | 20 | N | 200 | N | 200 | N | 30 | <200 | 500 | .75 |
| S0722MD2 | 30 | 50 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 300 | 1.7 |
| S0722MD3 | 30 | 30 | N | 20 | N | 100 | N | 200 | N | 70 | <200 | 500 | 2.3 |
| S0723MD1 | 20 | 50 | N | 20 | N | 100 | N | 150 | N | 50 | <200 | 500 | 1.8 |
| S0725M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .45 |
| S0726M | 30 | 10 | N | 10 | N | N | N | 100 | N | 20 | N | 200 | .85 |
| S0727M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 700 | .8 |
| S0728M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | 1.3 |
| S0729M | 30 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 500 | .7 |
| S0730M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 1,000 | 1.1 |
| S0731M | 50 | 20 | N | 15 | N | 100 | N | 200 | N | 30 | <200 | 500 | .5 |
| S0732MD2 | 50 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 1,000 | 1.1 |
| S0732MD3 | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 500 | 1.4 |
| S0733MD1 | 30 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 1,000 | 1.3 |
| S0734M | 30 | 20 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 500 | .55 |
| S0735M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 500 | .45 |
| S0736MD2 | 30 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 1,000 | 1.3 |
| S0736MD3 | 50 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 500 | .75 |
| S0739M | 10 | <10 | N | 5 | N | N | N | 70 | N | 10 | <200 | 50 | -- |
| S0740M | 30 | 30 | N | 20 | N | 100 | N | 200 | N | 30 | <200 | 300 | 1 |
| S0743M | 50 | 10 | N | 10 | N | <100 | N | 150 | N | 20 | <200 | 200 | .7 |
| S0744M | 20 | 20 | N | 15 | N | 200 | N | 150 | N | 30 | <200 | 200 | .85 |
| S0745M | 50 | 30 | N | 20 | N | 150 | N | 200 | N | 50 | <200 | 300 | .9 |
| S0746M | 20 | 30 | N | 15 | N | 100 | N | 150 | N | 30 | <200 | 200 | 2 |
| S0747M | 30 | 20 | N | 20 | N | 150 | N | 200 | N | 50 | <200 | 500 | .8 |
| S0748M | 30 | 20 | N | 20 | N | 200 | N | 200 | N | 50 | <200 | 500 | 1.1 |
| S0749M | 30 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 300 | 1.2 |
| S0754M | 20 | 20 | N | 15 | N | 100 | N | 200 | N | 50 | <200 | 300 | .7 |
| S0760M | 50 | 50 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 200 | 1.1 |
| S0762MD2 | 20 | 30 | N | 20 | N | 100 | N | 200 | N | 70 | <200 | 700 | .6 |
| S0764M | 10 | <10 | N | 10 | N | <100 | N | 100 | N | 20 | <200 | 200 | .55 |
| S0771M | 50 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | N | 500 | 1.2 |
| S0773M | 30 | 20 | N | 15 | N | 150 | N | 200 | N | 20 | <200 | 200 | .55 |
| S0775M | 15 | 30 | N | 7 | N | <100 | N | 150 | N | 20 | <200 | 200 | 7.5 |
| S0781MD2 | 30 | 20 | N | 20 | N | 300 | N | 200 | N | 50 | <200 | 500 | 1.1 |
| S0782M | 50 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 500 | .55 |
| S0786M | 20 | 10 | N | 10 | N | <100 | N | 200 | N | 50 | <200 | 200 | -- |
| S0789M | 20 | 10 | N | 10 | N | 100 | N | 200 | N | 50 | N | 700 | 1.3 |
| S0794M | 20 | 30 | N | 20 | N | 200 | N | 200 | N | 50 | <200 | 700 | 1.5 |
| S0795M | 20 | 20 | N | 20 | N | 200 | N | 200 | N | 70 | <200 | 500 | 2.9 |
| S0796M | 30 | 30 | N | 30 | N | 200 | N | 200 | N | 50 | <200 | 500 | 1.1 |
| S0797M | 30 | 30 | N | 20 | N | 100 | N | 200 | N | 70 | <200 | 500 | .8 |
| S0799M | 30 | <10 | N | 7 | N | N | N | 150 | N | 20 | N | 500 | .45 |
| S0800M | 100 | 20 | N | 20 | N | 200 | N | 200 | N | 20 | <200 | 150 | 1.6 |
| S0801M | 50 | 20 | N | 15 | N | 100 | N | 200 | N | 20 | <200 | 200 | 1.1 |
| S0802M | 70 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .85 |
| S0803M | 100 | 20 | N | 20 | N | 200 | N | 200 | N | 20 | <200 | 100 | 1.5 |
| S0804M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 300 | .6 |
| S0805M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 200 | .9 |
| S0806M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 300 | .35 |
| S0807MD2 | 30 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 300 | .85 |
| S0807MD3 | 30 | 10 | N | 15 | N | <100 | N | 300 | N | 30 | <200 | 300 | .9 |
| S0808M | 30 | 15 | N | 10 | N | <100 | N | 200 | N | 20 | <200 | 200 | 1.1 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Ca-pct. SQS | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S0809M | 62 55 48 | 156 52 51 | 2 | 5 | 2 | -- | .7 | N | N | N | 1,000 |
| S0810MD2 | 62 53 58 | 156 47 38 | 2 | 7 | 1 | -- | .5 | N | N | N | 300 |
| S0810MD3 | 62 53 58 | 156 47 38 | .7 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0811MD2 | 62 45 11 | 156 52 27 | 5 | 7 | 10 | -- | .7 | <.5 | N | N | 50 |
| S0811MD3 | 62 45 10 | 156 52 27 | 5 | 7 | 7 | -- | .7 | N | N | N | 50 |
| S0812M | 62 46 18 | 156 57 32 | 3 | 5 | 2 | -- | .7 | N | N | N | 100 |
| S0813M | 62 45 32 | 156 40 6 | 1 | 5 | 1.5 | -- | 1 | N | N | N | 200 |
| S0814M | 62 16 52 | 158 51 0 | 2 | 5 | .7 | -- | .7 | N | N | N | 100 |
| S0815M | 62 16 32 | 158 41 14 | 2 | 7 | 1.5 | -- | 1 | N | N | N | 100 |
| S0816M | 62 20 0 | 158 40 30 | 2 | 7 | 1 | -- | .7 | N | N | N | 100 |
| S0817M | 62 20 7 | 158 37 56 | 1 | 5 | 1 | -- | .7 | <.5 | N | N | 70 |
| S0818M | 62 18 0 | 158 38 28 | 2 | 7 | 1 | -- | 1 | N | N | N | 100 |
| S0819MD2 | 62 23 51 | 158 59 48 | 1 | 5 | 1 | -- | .7 | N | N | N | 100 |
| S0819MD3 | 62 23 51 | 158 59 48 | 1 | 5 | 1 | -- | .5 | N | N | N | 100 |
| S0820M | 62 26 36 | 158 51 11 | .7 | 5 | .5 | -- | .5 | N | N | N | 100 |
| S0821MD3 | 62 57 10 | 157 17 10 | 1 | 5 | 1 | -- | .3 | N | N | N | 200 |
| S0822M | 62 58 0 | 157 17 42 | .5 | 5 | 1 | -- | .5 | N | N | N | 100 |
| S0823M | 62 58 26 | 157 12 5 | 3 | 5 | 2 | -- | >1 | N | N | N | 300 |
| S0824M | 62 56 18 | 157 11 13 | .7 | 2 | 1 | -- | .3 | N | N | N | 150 |
| S0825MD1 | 62 55 22 | 157 21 5 | .7 | 3 | 1 | -- | .7 | N | N | N | 150 |
| S0826M | 62 54 18 | 157 21 4 | 1 | 5 | 1 | -- | .7 | .5 | N | N | 100 |
| S0827MD2 | 62 56 33 | 157 23 49 | .5 | 5 | 1 | -- | .5 | N | N | N | 150 |
| S0827MD3 | 62 56 33 | 157 23 49 | .5 | 5 | .5 | -- | .5 | N | N | N | 200 |
| S0828M | 62 58 10 | 157 23 20 | 2 | 5 | 2 | -- | .7 | N | N | N | 100 |
| S0829M | 62 59 48 | 157 27 49 | 2 | 7 | 2 | -- | .7 | N | N | N | 100 |
| S0830MD2 | 62 56 32 | 157 25 51 | .7 | 5 | 1 | -- | .5 | N | N | N | 150 |
| S0830MD3 | 62 56 32 | 157 25 51 | 1 | 7 | 2 | -- | 1 | N | N | N | 200 |
| S0831M | 62 29 28 | 158 38 3 | 3 | 10 | 1 | -- | >1 | N | N | N | 70 |
| S0832MD1 | 62 29 29 | 158 40 26 | 3 | 7 | 1 | -- | 1 | N | N | N | 50 |
| S0833MD2 | 62 28 46 | 158 42 58 | 1 | 7 | .7 | -- | 1 | N | N | N | 70 |
| S0833MD3 | 62 28 46 | 158 42 58 | 2 | 7 | 1 | -- | 1 | N | N | N | 100 |
| S0834M | 62 25 47 | 158 41 9 | 3 | 7 | 1.5 | -- | >1 | N | N | N | 70 |
| S0835M | 62 26 49 | 158 47 35 | 2 | 5 | 1.5 | -- | 1 | N | N | N | 100 |
| S0836M | 62 29 31 | 158 47 51 | 3 | 10 | 1.5 | -- | 1 | N | N | N | 50 |
| S0837M | 62 26 10 | 158 30 30 | 1 | 5 | .5 | -- | .7 | N | N | N | 100 |
| S0839M | 62 8 58 | 157 59 56 | .5 | 7 | 1 | -- | .5 | N | N | N | 150 |
| S0840M | 62 9 42 | 157 50 48 | 2 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0841M | 62 10 27 | 157 51 2 | .7 | 7 | 2 | -- | .7 | N | N | N | 150 |
| S0842M | 62 13 18 | 157 54 19 | 1 | 10 | 1.5 | -- | .7 | N | N | N | 200 |
| S0843MD2 | 62 11 58 | 157 57 12 | .5 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0843MD3 | 62 11 58 | 157 57 12 | .5 | 5 | 1 | -- | .7 | N | N | N | 150 |
| S0844MD1 | 62 12 3 | 157 57 28 | .7 | 5 | 1.5 | -- | 1 | N | N | N | 150 |
| S0845M | 62 14 33 | 157 58 25 | 1 | 10 | 1.5 | -- | 1 | N | N | N | 200 |
| S0846M | 62 2 28 | 157 59 4 | 1 | 5 | 1.5 | -- | .5 | N | N | N | 150 |
| S0847M | 62 0 18 | 157 56 27 | .5 | 2 | .5 | -- | .3 | N | N | N | 100 |
| S0848M | 62 0 5 | 157 51 6 | 1 | 7 | 1 | -- | 1 | N | N | N | 150 |
| S0849M | 62 5 38 | 157 58 20 | 1 | 5 | 1.5 | -- | .5 | N | N | N | 100 |
| S0850M | 62 5 5 | 157 53 20 | 1 | 7 | 2 | -- | .5 | N | N | N | 150 |
| S0851M | 62 6 1 | 157 53 46 | .5 | 5 | .7 | -- | .5 | N | N | N | 100 |
| S0852M | 62 7 18 | 157 47 50 | .7 | 7 | 1 | -- | .7 | N | N | N | 100 |
| S0853M | 62 5 1 | 157 44 33 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 150 |
| S0855M | 62 4 32 | 157 42 51 | 1 | 5 | 1.5 | -- | .5 | N | N | N | 150 |
| S0856MD2 | 62 1 0 | 157 42 10 | 1 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0856MD3 | 62 1 0 | 157 42 10 | 1.5 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0857MD1 | 62 0 47 | 157 41 47 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 150 |
| S0858M | 62 3 30 | 157 37 10 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 150 |
| S0859M | 62 1 55 | 157 46 21 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 150 |
| S0860M | 62 0 23 | 157 36 40 | 1 | 5 | 1 | -- | .7 | N | N | N | 200 |
| S0861M | 62 1 11 | 157 33 45 | 2 | 7 | 2 | -- | 1 | N | N | N | 200 |
| S0862M | 62 3 0 | 157 34 0 | 1.5 | 5 | 1.5 | -- | .5 | N | N | N | 200 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ba-ppm SQS | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0809M | 1,500 | 5 | N | N | 15 | 100 | 20 | -- | -- | <20 | 1,500 | N | N |
| S0810MD2 | 1,500 | 2 | N | N | 15 | 100 | 50 | -- | -- | 20 | 1,000 | N | N |
| S0810MD3 | 500 | 2 | N | N | 10 | 50 | 20 | -- | -- | <20 | 500 | N | N |
| S0811MD2 | 1,000 | <1 | N | N | 50 | 2,000 | 20 | -- | -- | N | 1,500 | N | N |
| S0811MD3 | 1,500 | 1 | N | N | 50 | 5,000 | 20 | -- | -- | N | 1,500 | N | N |
| S0812M | 1,500 | 2 | N | N | 20 | 500 | 20 | -- | -- | <20 | 1,500 | 5 | N |
| S0813M | 1,500 | <1 | N | N | 15 | 500 | 15 | -- | -- | <20 | 1,000 | N | N |
| S0814M | 1,000 | 1 | N | N | 10 | 100 | 15 | -- | -- | <20 | 500 | N | N |
| S0815M | 1,500 | 1.5 | N | N | 15 | 100 | 20 | -- | -- | <20 | 700 | N | N |
| S0816M | 1,500 | 1.5 | N | N | 10 | 70 | 15 | -- | -- | 20 | 700 | N | <20 |
| S0817M | 1,000 | 2 | N | N | 10 | 50 | 15 | -- | -- | <20 | 500 | 10 | <20 |
| S0818M | 1,000 | 2 | N | N | 15 | 50 | 15 | -- | -- | <20 | 1,000 | N | N |
| S0819MD2 | 1,500 | 1.5 | N | N | 10 | 30 | 15 | -- | -- | <20 | 500 | N | N |
| S0819MD3 | 1,000 | 1 | N | N | 10 | 50 | 15 | -- | -- | <20 | 700 | N | N |
| S0820M | 700 | 2 | N | N | 10 | 30 | 15 | -- | -- | <20 | 1,000 | N | N |
| S0821MD3 | 700 | 1 | N | N | 7 | 500 | 20 | -- | -- | <20 | 500 | N | N |
| S0822M | 1,500 | 1 | N | N | 20 | 70 | 20 | -- | -- | <20 | 700 | N | N |
| S0823M | 1,500 | <1 | N | N | 20 | 300 | 10 | -- | -- | 20 | 1,000 | N | 20 |
| S0824M | 500 | 2 | N | N | 10 | 50 | 15 | -- | -- | <20 | 1,000 | N | N |
| S0825MD1 | 1,000 | 1 | N | N | 10 | 150 | 15 | -- | -- | <20 | 500 | N | N |
| S0826M | 1,000 | <1 | N | N | 15 | 100 | 20 | -- | -- | 20 | 500 | N | N |
| S0827MD2 | 1,500 | <1 | N | N | 10 | 100 | 20 | -- | -- | 50 | 300 | N | <20 |
| S0827MD3 | 1,500 | 1 | N | N | 15 | 100 | 20 | -- | -- | 20 | 500 | N | N |
| S0828M | 700 | <1 | N | N | 30 | 150 | 30 | -- | -- | <20 | 1,500 | <5 | N |
| S0829M | 1,000 | <1 | N | N | 30 | 2,000 | 20 | -- | -- | <20 | 1,500 | <5 | N |
| S0830MD2 | 2,000 | <1 | N | N | 20 | 200 | 15 | -- | -- | <20 | 500 | N | N |
| S0830MD3 | 1,500 | <1 | N | N | 20 | 200 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0831M | 1,000 | 1 | N | N | 20 | 100 | 15 | -- | -- | <20 | 1,000 | N | <20 |
| S0832MD1 | 1,500 | 1 | N | N | 30 | 70 | 20 | -- | -- | <20 | 2,000 | N | <20 |
| S0833MD2 | 700 | 2 | N | N | 15 | 70 | 15 | -- | -- | <20 | 1,000 | N | N |
| S0833MD3 | 1,000 | 2 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,000 | <5 | <20 |
| S0834M | 1,500 | 1 | N | N | 20 | 100 | 15 | -- | -- | 20 | 1,500 | N | 30 |
| S0835M | 1,000 | 1 | N | N | 20 | 100 | 15 | -- | -- | <20 | 1,000 | N | <20 |
| S0836M | 500 | 1.5 | N | N | 20 | 200 | 15 | -- | -- | <20 | 1,500 | N | N |
| S0837M | 500 | 2 | N | N | 5 | 100 | 15 | -- | -- | <20 | 500 | N | N |
| S0839M | 700 | 2 | N | N | 15 | 150 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0840M | 1,500 | <1 | N | N | 15 | 300 | 20 | -- | -- | <20 | 1,000 | N | <20 |
| S0841M | 1,500 | <1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0842M | 1,500 | <1 | N | N | 20 | 150 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0843MD2 | 1,000 | <1 | N | N | 20 | 1,000 | 20 | -- | -- | <20 | 700 | N | N |
| S0843MD3 | 500 | 1 | N | N | 15 | 200 | 20 | -- | -- | <20 | 500 | N | N |
| S0844MD1 | 1,500 | <1 | N | N | 20 | 200 | 15 | -- | -- | <20 | 700 | N | N |
| S0845M | 2,000 | <1 | N | N | 20 | 300 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0846M | 1,000 | <1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0847M | 500 | 2 | N | N | 5 | 100 | 15 | -- | -- | <20 | 500 | N | N |
| S0848M | 1,000 | 1 | N | N | 20 | 300 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0849M | 1,500 | <1 | N | N | 15 | 50 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0850M | 1,500 | <1 | N | N | 15 | 100 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0851M | 700 | 1 | N | N | 20 | 50 | 15 | -- | -- | <20 | 700 | N | N |
| S0852M | 1,000 | 1 | N | N | 15 | 200 | 30 | -- | -- | <20 | 1,000 | N | N |
| S0853M | 1,500 | <1 | N | N | 20 | 50 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0855M | 1,000 | 1 | N | N | 20 | 70 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0856MD2 | 1,500 | 1.5 | N | N | 20 | 100 | 20 | -- | -- | <20 | 700 | N | N |
| S0856MD3 | 1,500 | 1 | N | N | 20 | 100 | 20 | -- | -- | 20 | 700 | <5 | N |
| S0857MD1 | 1,000 | 1 | N | N | 15 | 70 | 20 | -- | -- | <20 | 1,500 | N | N |
| S0858M | 1,500 | <1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0859M | 1,000 | <1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0860M | 1,000 | 2 | N | N | 15 | 150 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0861M | 2,000 | 1 | N | N | 20 | 100 | 15 | -- | -- | 20 | 1,500 | N | <20 |
| S0862M | 1,500 | 1 | N | N | 20 | 70 | 20 | -- | -- | 20 | 1,000 | N | <20 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ni-ppm SQS | Pb-ppm SQS | Sb-ppm SQS | Sc-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | Th-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0809M | 30 | 50 | N | 10 | N | 100 | N | 150 | N | 20 | <200 | 500 | 4.5 |
| S0810MD2 | 30 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 300 | 1.4 |
| S0810MD3 | 30 | 10 | N | 10 | N | N | N | 200 | N | 20 | N | 300 | 1.8 |
| S0811MD2 | 100 | 20 | N | 50 | N | 200 | N | 300 | N | 30 | 200 | 150 | 2.6 |
| S0811MD3 | 100 | 30 | N | 50 | N | 200 | N | 500 | N | 50 | 200 | 200 | 1.9 |
| S0812M | 70 | 30 | N | 15 | N | 200 | N | 200 | N | 30 | <200 | 200 | 1.6 |
| S0813M | 30 | 15 | N | 10 | N | <100 | N | 200 | N | 30 | <200 | 200 | .65 |
| S0814M | 20 | 10 | N | 10 | N | 100 | N | 200 | N | 30 | N | 300 | 1.3 |
| S0815M | 50 | 50 | N | 15 | N | 100 | N | 200 | N | 50 | N | 500 | 1.6 |
| S0816M | 30 | 50 | N | 20 | N | 100 | N | 150 | N | 30 | <200 | 500 | 1.7 |
| S0817M | 10 | 50 | N | 15 | N | 150 | N | 100 | N | 50 | <200 | 500 | 2.3 |
| S0818M | 20 | 20 | N | 15 | N | 100 | N | 150 | N | 50 | <200 | 300 | 1.9 |
| S0819MD2 | 20 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 500 | 1.1 |
| S0819MD3 | 20 | 20 | N | 15 | N | 150 | N | 200 | N | 50 | <200 | 700 | 1 |
| S0820M | 20 | 20 | N | 10 | N | <100 | N | 150 | N | 20 | N | 200 | 1.6 |
| S0821MD3 | 20 | 70 | N | 10 | 20 | <100 | N | 150 | N | 15 | <200 | 150 | -- |
| S0822M | 50 | 20 | N | 15 | N | N | N | 200 | N | 30 | <200 | 300 | .55 |
| S0823M | 30 | 30 | N | 20 | N | 200 | N | 200 | N | 50 | <200 | 300 | .6 |
| S0824M | 20 | 10 | N | 10 | N | <100 | N | 200 | N | 15 | <200 | 200 | -- |
| S0825MD1 | 30 | 15 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | .95 |
| S0826M | 30 | 15 | N | 15 | N | 100 | N | 200 | N | 50 | <200 | 300 | 1.1 |
| S0827MD2 | 30 | 10 | N | 20 | N | N | N | 200 | N | 50 | <200 | 500 | .45 |
| S0827MD3 | 50 | 15 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.1 |
| S0828M | 50 | 20 | N | 20 | N | 200 | N | 200 | N | 30 | <200 | 200 | .85 |
| S0829M | 200 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 300 | .75 |
| S0830MD2 | 30 | 15 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 300 | 1.5 |
| S0830MD3 | 70 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 300 | .55 |
| S0831M | 30 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | N | 500 | 2.3 |
| S0832MD1 | 30 | 30 | N | 30 | N | 200 | N | 200 | N | 50 | <200 | 200 | 2.5 |
| S0833MD2 | 20 | 20 | N | 10 | N | 100 | N | 200 | N | 30 | N | 300 | 1.1 |
| S0833MD3 | 30 | 50 | N | 20 | N | 100 | N | 200 | N | 30 | <200 | 300 | 1.9 |
| S0834M | 20 | 50 | N | 20 | N | 500 | N | 200 | N | 50 | <200 | 700 | .9 |
| S0835M | 30 | 30 | N | 20 | N | 200 | N | 200 | N | 50 | <200 | 500 | 1.1 |
| S0836M | 30 | 15 | N | 30 | N | 200 | N | 200 | N | 20 | <200 | 300 | 1.1 |
| S0837M | 20 | 15 | N | 10 | N | N | N | 200 | N | 20 | N | 500 | 3.5 |
| S0839M | 50 | <10 | N | 10 | N | N | N | 200 | N | 15 | <200 | 200 | 1 |
| S0840M | 30 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.1 |
| S0841M | 70 | 15 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 500 | .35 |
| S0842M | 70 | 15 | N | 15 | N | N | N | 200 | N | 20 | <200 | 500 | .65 |
| S0843MD2 | 70 | 20 | N | 20 | N | <100 | N | 200 | N | 20 | <200 | 500 | .8 |
| S0843MD3 | 50 | 10 | N | 10 | N | N | N | 150 | N | 20 | N | 500 | 1.1 |
| S0844MD1 | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.4 |
| S0845M | 70 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 500 | 1.1 |
| S0846M | 50 | 15 | N | 20 | N | N | N | 200 | N | 30 | <200 | 300 | 1.3 |
| S0847M | 30 | <10 | N | 7 | N | N | N | 100 | N | 15 | N | 200 | .9 |
| S0848M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 1,000 | .65 |
| S0849M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 200 | 1.5 |
| S0850M | 50 | 20 | N | 20 | N | N | N | 300 | N | 30 | <200 | 500 | .8 |
| S0851M | 30 | 10 | N | 10 | N | <100 | N | 200 | N | 20 | <200 | 200 | .6 |
| S0852M | 50 | 15 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 300 | 1.1 |
| S0853M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .9 |
| S0855M | 50 | 15 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 500 | .55 |
| S0856MD2 | 30 | 15 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 500 | .7 |
| S0856MD3 | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 1,000 | 1.2 |
| S0857MD1 | 30 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 500 | .5 |
| S0858M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 500 | .65 |
| S0859M | 50 | 20 | N | 20 | N | N | N | 200 | N | 50 | <200 | 500 | 1.3 |
| S0860M | 30 | 15 | N | 10 | N | N | N | 150 | N | 50 | N | 1,000 | .65 |
| S0861M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 700 | .5 |
| S0862M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 70 | <200 | 500 | 1.1 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Ca-pct. SQS | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S0863M | 62 5 55 | 157 32 7 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 150 |
| S0864M | 62 8 53 | 157 31 41 | 1 | 7 | 1.5 | -- | .7 | N | N | N | 200 |
| S0865M | 62 9 15 | 157 36 35 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0866MD2 | 62 5 27 | 157 35 20 | .3 | 7 | .7 | -- | .5 | N | N | N | 200 |
| S0866MD3 | 62 5 27 | 157 35 20 | 1 | 7 | 1.5 | -- | 1 | N | N | N | 100 |
| S0867MD1 | 62 6 5 | 157 34 40 | 1 | 5 | 1.5 | -- | 1 | N | N | N | 150 |
| S0869M | 62 10 31 | 157 40 9 | .5 | 7 | 1.5 | -- | .5 | N | N | N | 150 |
| S0871MD2 | 62 10 35 | 157 37 36 | .5 | 5 | 1.5 | -- | 1 | N | N | N | 100 |
| S0871MD3 | 62 10 7 | 157 34 22 | 2 | 7 | 2 | -- | 1 | N | N | N | 200 |
| S0872MD1 | 62 10 15 | 157 32 0 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 150 |
| S0873M | 62 7 45 | 157 47 31 | .5 | 5 | 1 | -- | .2 | N | N | N | 150 |
| S0874MD1 | 62 14 15 | 156 58 33 | 1.5 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0875MD3 | 62 14 36 | 156 55 42 | 2 | 7 | 1 | -- | 1 | N | N | N | 200 |
| S0876M | 62 12 33 | 156 34 29 | 2 | 7 | 1.5 | -- | 1 | N | N | N | 200 |
| S0877M | 62 13 5 | 156 48 43 | 1 | 7 | 1 | -- | .5 | N | N | N | 100 |
| S0878M | 62 12 23 | 156 46 58 | 1 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0879M | 62 13 53 | 156 44 59 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S0880M | 62 14 48 | 156 39 11 | .5 | 2 | 1 | -- | .2 | N | N | N | 100 |
| S0881M | 62 16 48 | 156 37 3 | 1 | 5 | 1 | -- | .5 | N | N | N | 150 |
| S0882M | 62 12 58 | 156 31 21 | 1 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0883M | 62 10 46 | 156 32 3 | 2 | 7 | 1.5 | -- | 1 | N | N | N | 200 |
| S0884M | 62 9 39 | 156 35 41 | .7 | 7 | 2 | -- | .7 | N | N | N | 150 |
| S0885M | 62 10 31 | 156 39 29 | .5 | 7 | 1 | -- | .5 | N | N | N | 200 |
| S0886M | 62 10 21 | 156 42 51 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S0887M | 62 10 58 | 156 52 22 | .7 | 5 | 1 | -- | .5 | N | N | N | 150 |
| S0888M | 62 10 20 | 157 44 30 | .7 | 5 | 2 | -- | .7 | N | N | N | 200 |
| S0889M | 62 12 13 | 157 44 58 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0890M | 62 13 25 | 157 47 33 | .7 | 7 | 1.5 | -- | .7 | N | N | N | 200 |
| S0892M | 62 14 42 | 157 38 9 | .5 | 7 | 1 | -- | .5 | N | N | N | 100 |
| S0893MD1 | 62 18 38 | 157 31 8 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 150 |
| S0894MD2 | 62 18 41 | 157 31 10 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 100 |
| S0894MD3 | 62 18 41 | 157 31 10 | .3 | 7 | 2 | -- | .5 | N | N | N | 150 |
| S0895M | 62 16 47 | 157 38 39 | .5 | 5 | 1 | -- | .5 | N | N | N | 100 |
| S0896M | 62 15 33 | 157 32 54 | 1 | 5 | 1 | -- | .5 | N | N | N | 100 |
| S0897M | 62 14 0 | 157 32 1 | 1 | 5 | 1.5 | -- | .5 | N | N | N | 150 |
| S0898M | 62 17 4 | 157 42 0 | 1 | 7 | 1.5 | -- | .7 | N | N | N | 200 |
| S0899M | 62 17 47 | 157 49 59 | .7 | 5 | 1.5 | -- | .7 | N | N | N | 100 |
| S0998MD1 | 62 46 0 | 156 51 9 | 5 | 7 | 10 | -- | .7 | N | N | N | 100 |
| 1986 SAMPLES | | | | | | | | | | | |
| S1000M | 62 37 30 | 156 19 23 | .3 | 3 | 1 | -- | .2 | N | N | N | 200 |
| S1001M | 62 40 18 | 156 20 22 | .5 | 5 | 1 | -- | .3 | N | N | N | 150 |
| S1002M | 62 39 57 | 156 12 48 | .2 | 2 | 1 | 1.5 | .5 | N | N | N | 20 |
| S1003M | 62 39 59 | 156 6 36 | .5 | 3 | 1 | -- | .3 | N | N | N | 150 |
| S1004M | 62 40 28 | 156 1 9 | 1 | 5 | 1 | -- | .3 | N | N | N | 200 |
| S1005M | 62 31 33 | 156 4 9 | .1 | 2 | .7 | 1 | .3 | N | N | N | 15 |
| S1006M | 62 35 58 | 156 3 41 | .15 | 1.5 | .7 | 1.5 | .2 | N | N | N | 15 |
| S1007M | 62 31 58 | 156 11 9 | .5 | 5 | 1 | -- | .2 | N | N | N | 150 |
| S1008M | 62 34 56 | 156 16 14 | .15 | 1.5 | .7 | 1.5 | .3 | N | N | N | 10 |
| S1009M | 62 28 29 | 156 19 49 | .15 | 1.5 | 1 | .7 | .2 | N | N | N | 20 |
| S1010M | 62 30 38 | 156 25 2 | .7 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S1011M | 62 38 55 | 156 25 59 | .1 | 1.5 | .5 | 1 | .2 | N | N | N | 10 |
| S1012M | 62 36 56 | 156 22 22 | 1 | 5 | 1 | -- | .5 | N | N | N | 150 |
| S1013M | 62 41 3 | 156 26 13 | .7 | 5 | 1.5 | -- | .3 | N | N | N | 200 |
| S1014M | 62 43 58 | 156 19 10 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S1015M | 62 46 17 | 156 16 10 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S1016M | 62 49 39 | 156 9 39 | .2 | 3 | 1 | 1.5 | .7 | N | N | N | 15 |
| S1017M | 62 49 9 | 156 1 53 | .5 | 5 | 1 | -- | .5 | N | N | N | 100 |
| S1018M | 62 48 28 | 156 16 56 | .5 | 3 | 1 | -- | .2 | N | N | N | 200 |
| S1019M | 62 56 4 | 156 3 32 | 3 | 10 | 1.5 | -- | 1 | N | N | N | 200 |
| S1020M | 62 57 38 | 156 4 29 | .15 | 2 | .7 | 2 | .3 | N | N | N | 15 |
| S1021M | 62 59 15 | 156 18 50 | .5 | 3 | 1 | -- | .2 | N | N | N | 150 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ba-ppm SQS | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0863M | 1,000 | 1 | N | N | 20 | 200 | 20 | -- | -- | 20 | 2,000 | N | <20 |
| S0864M | 1,500 | 1.5 | N | N | 20 | 50 | 30 | -- | -- | 20 | 1,000 | N | N |
| S0865M | 1,000 | 1 | N | N | 20 | 200 | 20 | -- | -- | <20 | 1,000 | N | <20 |
| S0866MD2 | 1,000 | 1 | N | N | 15 | 70 | 20 | -- | -- | <20 | 700 | N | N |
| S0866MD3 | 1,000 | <1 | N | N | 20 | 200 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0867MD1 | 1,500 | <1 | N | N | 20 | 100 | 20 | -- | -- | 20 | 700 | N | <20 |
| S0869M | 1,000 | <1 | N | N | 20 | 500 | 20 | -- | -- | <20 | 1,500 | N | N |
| S0871MD2 | 700 | <1 | N | N | 20 | 200 | 20 | -- | -- | <20 | 700 | N | N |
| S0871MD3 | 1,500 | <1 | N | N | 20 | 150 | 20 | -- | -- | <20 | 2,000 | N | <20 |
| S0872MD1 | 1,500 | 1 | N | N | 20 | 300 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0873M | 700 | 1 | N | N | 10 | 100 | 20 | -- | -- | <20 | 500 | N | N |
| S0874MD1 | 1,500 | 1 | N | N | 30 | 200 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0875MD3 | 1,500 | 1 | N | N | 20 | 300 | 20 | -- | -- | <20 | 1,000 | N | <20 |
| S0876M | 1,500 | 1 | N | N | 20 | 150 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S0877M | 1,000 | 1 | N | N | 15 | 50 | 20 | -- | -- | <20 | 3,000 | N | N |
| S0878M | 1,500 | <1 | N | N | 15 | 100 | 20 | -- | -- | <20 | 700 | N | N |
| S0879M | 1,500 | <1 | N | N | 20 | 100 | 20 | -- | -- | <20 | 1,000 | N | <20 |
| S0880M | 700 | 1 | N | N | 10 | 50 | 10 | -- | -- | N | 700 | N | N |
| S0881M | 1,500 | 1 | N | N | 15 | 100 | 20 | -- | -- | <20 | 700 | N | N |
| S0882M | 1,500 | 1 | N | N | 15 | 150 | 20 | -- | -- | <20 | 700 | N | N |
| S0883M | 1,500 | <1 | N | N | 20 | 200 | 30 | -- | -- | 20 | 1,000 | N | N |
| S0884M | 1,000 | 1 | N | N | 20 | 500 | 20 | -- | -- | <20 | 700 | N | N |
| S0885M | 1,000 | 2 | N | N | 15 | 100 | 30 | -- | -- | <20 | 700 | N | N |
| S0886M | 1,000 | 1.5 | N | N | 10 | 100 | 20 | -- | -- | 20 | 500 | N | N |
| S0887M | 1,000 | 1 | N | N | 15 | 100 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0888M | 2,000 | 1 | N | N | 20 | 200 | 30 | -- | -- | <20 | 1,000 | N | N |
| S0889M | 1,000 | 1 | N | N | 10 | 100 | 20 | -- | -- | <20 | 700 | N | N |
| S0890M | 1,000 | <1 | N | N | 20 | 500 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0892M | 500 | 2 | N | N | 15 | 50 | 20 | -- | -- | <20 | 1,000 | N | N |
| S0893MD1 | 1,500 | <1 | N | N | 20 | 100 | 15 | -- | -- | N | 1,000 | N | N |
| S0894MD2 | 1,500 | <1 | N | N | 20 | 500 | 30 | -- | -- | <20 | 1,000 | N | N |
| S0894MD3 | 1,500 | <1 | N | N | 20 | 500 | 20 | -- | -- | <20 | 700 | N | N |
| S0895M | 1,500 | <1 | N | N | 15 | 200 | 15 | -- | -- | <20 | 700 | N | N |
| S0896M | 1,000 | <1 | N | N | 15 | 100 | 20 | -- | -- | 20 | 1,000 | N | N |
| S0897M | 700 | 1 | N | N | 20 | 100 | 15 | -- | -- | <20 | 700 | N | N |
| S0898M | 1,500 | 2 | N | N | 15 | 300 | 20 | -- | -- | 20 | 2,000 | N | <20 |
| S0899M | 1,500 | <1 | N | N | 15 | 100 | 20 | -- | -- | 20 | 1,000 | 5 | N |
| S0998MD1 | 2,000 | <1 | N | N | 50 | 2,000 | 30 | -- | -- | <20 | 1,500 | 10 | N |
| 1986 SAMPLES | | | | | | | | | | | | | |
| S1000M | 1,000 | <1 | N | N | 10 | 50 | 15 | -- | -- | <20 | 700 | N | N |
| S1001M | 1,000 | 2 | N | N | 20 | 70 | 20 | -- | -- | 20 | 700 | N | N |
| S1002M | 500 | <1 | N | N | 10 | 50 | 7 | 10 | N | N | 100 | N | <20 |
| S1003M | 700 | 1 | N | N | 15 | 70 | 30 | -- | -- | <20 | 500 | N | 30 |
| S1004M | 700 | 2 | N | N | 20 | 70 | 20 | -- | -- | 50 | 700 | N | <20 |
| S1005M | 200 | N | N | N | <10 | 70 | 5 | 7 | N | N | 70 | N | N |
| S1006M | 200 | N | N | N | <10 | 50 | 5 | 10 | N | N | 70 | N | N |
| S1007M | 700 | 2 | N | N | 20 | 70 | 30 | -- | -- | 20 | 1,000 | N | N |
| S1008M | 300 | N | N | N | <10 | 30 | 10 | 10 | N | N | 100 | N | N |
| S1009M | 500 | N | N | N | <10 | 50 | 10 | 5 | N | N | 150 | N | N |
| S1010M | 700 | 2 | N | N | 10 | 70 | 20 | -- | -- | <20 | 500 | N | N |
| S1011M | 300 | N | N | N | <10 | 30 | 7 | 5 | N | N | 100 | N | N |
| S1012M | 500 | <1 | N | N | 15 | 50 | 20 | -- | -- | 50 | 500 | N | N |
| S1013M | 1,000 | 2 | N | N | 20 | 70 | 30 | -- | -- | 20 | 500 | N | N |
| S1014M | 1,000 | 2 | N | N | 30 | 100 | 30 | -- | -- | 30 | 1,000 | N | <20 |
| S1015M | 700 | 1 | N | N | 20 | 100 | 30 | -- | -- | 50 | 500 | N | <20 |
| S1016M | 700 | N | N | N | 15 | 70 | 10 | 10 | N | N | 200 | N | N |
| S1017M | 500 | 1 | N | N | 10 | 70 | 30 | -- | -- | 20 | 500 | N | N |
| S1018M | 1,000 | 1.5 | N | N | 10 | 30 | 15 | -- | -- | N | 500 | N | N |
| S1019M | 500 | 2 | N | N | 50 | 150 | 30 | -- | -- | 70 | 1,500 | 10 | 50 |
| S1020M | 500 | N | N | N | 10 | 30 | 7 | 15 | N | N | 150 | N | N |
| S1021M | 500 | 1.5 | N | N | 15 | 50 | 20 | -- | -- | <20 | 700 | N | N |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ni-ppm SQS | Pb-ppm SQS | Sb-ppm SQS | Sc-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | Th-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S0863M | 70 | 20 | N | 20 | N | 100 | N | 200 | N | 30 | <200 | 500 | .65 |
| S0864M | 100 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .75 |
| S0865M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 500 | .6 |
| S0866MD2 | 50 | 10 | N | 10 | N | N | N | 200 | N | 50 | N | 300 | 1.1 |
| S0866MD3 | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 700 | .75 |
| S0867MD1 | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .8 |
| S0869M | 50 | 20 | N | 10 | N | <100 | N | 200 | N | 50 | <200 | 700 | .9 |
| S0871MD2 | 50 | 10 | N | 20 | N | <100 | N | 200 | N | 20 | <200 | 500 | .45 |
| S0871MD3 | 50 | 30 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .7 |
| S0872MD1 | 50 | 15 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 300 | .7 |
| S0873M | 30 | 15 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 200 | .85 |
| S0874MD1 | 30 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 700 | 1.6 |
| S0875MD3 | 30 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 1,000 | 1.7 |
| S0876M | 30 | 20 | N | 20 | N | 100 | N | 150 | N | 50 | <200 | 500 | 1.3 |
| S0877M | 30 | 15 | N | 10 | N | <100 | N | 150 | N | 20 | <200 | 200 | .65 |
| S0878M | 50 | 30 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .75 |
| S0879M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 500 | 1.1 |
| S0880M | 30 | 10 | N | 7 | N | N | N | 150 | N | 10 | <200 | 200 | .7 |
| S0881M | 30 | 20 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 500 | .9 |
| S0882M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 30 | <200 | 200 | 2.1 |
| S0883M | 50 | 30 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 700 | 3.6 |
| S0884M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 500 | .7 |
| S0885M | 50 | 10 | N | 10 | N | N | N | 200 | N | 20 | N | 300 | 1.1 |
| S0886M | 50 | 10 | N | 10 | N | N | N | 150 | N | 20 | N | 500 | .6 |
| S0887M | 30 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 200 | .5 |
| S0888M | 70 | 20 | N | 15 | N | N | N | 200 | N | 30 | <200 | 500 | .6 |
| S0889M | 30 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 300 | 1 |
| S0890M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 300 | .9 |
| S0892M | 50 | 10 | N | 10 | N | N | N | 150 | N | 70 | N | 500 | .9 |
| S0893MD1 | 50 | 10 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 300 | .5 |
| S0894MD2 | 70 | 20 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 200 | .85 |
| S0894MD3 | 70 | 10 | N | 15 | N | N | N | 200 | N | 20 | <200 | 500 | .4 |
| S0895M | 50 | 15 | N | 15 | N | <100 | N | 150 | N | 30 | <200 | 300 | 1.3 |
| S0896M | 50 | 15 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 200 | 1.3 |
| S0897M | 50 | 30 | N | 15 | N | 100 | N | 200 | N | 20 | <200 | 300 | 1.1 |
| S0898M | 50 | 20 | N | 15 | N | 100 | N | 200 | N | 50 | <200 | 1,000 | .6 |
| S0899M | 50 | 20 | N | 15 | N | <100 | N | 200 | N | 50 | <200 | 300 | .6 |
| S0998MD1 | 100 | 30 | N | 50 | N | 100 | N | 300 | N | 30 | <200 | 200 | 2.5 |
| 1986 SAMPLES | | | | | | | | | | | | | |
| S1000M | 20 | 20 | N | 10 | N | N | N | 100 | N | 20 | <200 | 150 | .8 |
| S1001M | 50 | 15 | N | 15 | N | <100 | N | 200 | N | 30 | <200 | 200 | .9 |
| S1002M | 20 | N | N | <5 | N | N | N | 100 | N | <10 | N | 150 | .9 |
| S1003M | 30 | 10 | N | 10 | N | <100 | N | 150 | N | 20 | <200 | 200 | .55 |
| S1004M | 30 | 15 | N | 15 | N | 200 | N | 150 | N | 50 | <200 | 200 | .65 |
| S1005M | 10 | N | N | <5 | N | N | N | 50 | N | N | N | 200 | .8 |
| S1006M | 10 | N | N | <5 | N | N | N | 50 | N | N | N | 70 | .75 |
| S1007M | 50 | 20 | N | 20 | N | 100 | N | 150 | N | 50 | <200 | 100 | .9 |
| S1008M | 15 | <10 | N | <5 | N | N | N | 70 | N | N | N | 100 | .8 |
| S1009M | 20 | <10 | N | <5 | N | N | N | 70 | N | N | N | 150 | 1.1 |
| S1010M | 50 | 10 | N | 15 | N | <100 | N | 150 | N | 30 | <200 | 300 | 1 |
| S1011M | 10 | N | N | N | N | N | N | 30 | N | N | N | 70 | 1.5 |
| S1012M | 30 | 15 | N | 10 | N | <100 | N | 150 | N | 30 | <200 | 300 | 1 |
| S1013M | 50 | 20 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 200 | 1.3 |
| S1014M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 300 | .9 |
| S1015M | 50 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .6 |
| S1016M | 30 | <10 | N | <5 | N | N | N | 100 | N | N | N | 100 | .85 |
| S1017M | 30 | 15 | N | 10 | N | <100 | N | 150 | N | 20 | <200 | 300 | .8 |
| S1018M | 30 | 10 | N | 10 | N | <100 | N | 100 | N | 20 | <200 | 200 | .65 |
| S1019M | 30 | 30 | N | 20 | 10 | 200 | N | 150 | N | 70 | 200 | 1,000 | 3.3 |
| S1020M | 20 | <10 | N | <5 | N | N | N | 100 | N | N | N | 70 | 1.1 |
| S1021M | 30 | 10 | N | 15 | N | <100 | N | 150 | N | 20 | <200 | 150 | .9 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Ca-pct. SQS | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S1022M | 62 54 39 | 156 14 54 | .1 | 1.5 | .5 | 1 | .3 | N | N | N | 15 |
| S1023MD2 | 62 55 9 | 156 27 14 | .07 | 1.5 | .5 | .7 | .15 | N | N | N | 10 |
| S1023MD3 | 62 55 11 | 156 27 16 | .7 | 3 | 1.5 | 1 | .5 | N | N | N | 100 |
| S1023MD4 | 62 55 11 | 156 28 16 | .5 | 7 | 2 | 1.5 | .5 | N | N | N | 50 |
| S1024M | 62 53 2 | 156 25 15 | .15 | 1.5 | .7 | .2 | .15 | N | N | N | 15 |
| S1025M | 62 48 50 | 156 29 44 | .1 | 2 | .5 | 1 | .15 | N | N | N | 10 |
| S1026M | 62 45 10 | 156 30 56 | .5 | 5 | 1 | -- | .2 | N | N | N | 150 |
| S1027M | 62 50 13 | 156 42 4 | .1 | 2 | .5 | .5 | .2 | N | N | N | 15 |
| S1029M | 62 44 19 | 157 2 30 | 3 | 5 | 3 | -- | .2 | N | N | N | 100 |
| S1030M | 62 31 18 | 157 2 47 | .1 | 2 | .5 | .3 | .2 | N | N | N | 20 |
| S1032M | 62 30 41 | 156 45 5 | 1 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S1033M | 62 35 42 | 156 40 41 | .07 | 1.5 | .5 | .7 | .2 | N | N | N | 10 |
| S1034MD3 | 62 36 2 | 156 45 11 | .7 | 7 | 2 | 1 | .7 | N | N | N | 100 |
| S1034MD4 | 62 36 2 | 156 45 11 | .5 | 7 | 1.5 | 1 | .5 | N | N | N | 70 |
| S1037M | 62 43 58 | 156 35 46 | 1 | 5 | 2 | 1.5 | .5 | N | N | N | 100 |
| S1038M | 62 44 4 | 156 45 16 | .5 | 5 | 1.5 | 1 | .5 | N | N | N | 100 |
| S1040M | 62 24 9 | 156 22 58 | .7 | 3 | 1.5 | 1.5 | .5 | N | N | N | 100 |
| S1042M | 62 22 23 | 156 11 4 | 1 | 3 | 2 | 1.5 | .3 | N | N | N | 70 |
| S1046M | 62 4 5 | 156 13 19 | .2 | 1.5 | 1 | 1.5 | .2 | N | N | N | 20 |
| S1047M | 62 47 39 | 157 12 15 | .05 | 1.5 | .3 | .7 | .15 | N | N | N | 30 |
| S1048M | 62 46 17 | 157 23 43 | .15 | 2 | 1 | 1 | .5 | N | N | N | 50 |
| S1049M | 62 47 53 | 157 20 48 | .1 | 2 | 1 | 1 | .3 | N | N | N | 30 |
| S1050M | 62 51 41 | 157 16 45 | .07 | 1 | .3 | .7 | .2 | N | N | N | 20 |
| S1051M | 62 2 29 | 156 17 18 | .2 | 2 | 1 | 1.5 | .5 | N | N | N | 20 |
| S1052M | 62 6 41 | 156 7 37 | .2 | 2 | .7 | 1 | .3 | N | N | N | 30 |
| S1053M | 62 7 52 | 156 6 58 | .15 | 2 | 1 | 1 | .3 | N | N | N | 20 |
| S1054M | 62 11 40 | 156 6 8 | .15 | 2 | .5 | 1.5 | .3 | N | N | N | 20 |
| S1200M | 62 38 52 | 156 18 35 | .07 | 1.5 | .5 | 1.5 | .15 | N | N | N | 15 |
| S1202M | 62 40 34 | 156 6 38 | .7 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S1203M | 62 31 37 | 156 7 25 | 1 | 2 | .7 | -- | .5 | N | N | N | 150 |
| S1204M | 62 33 18 | 156 2 39 | .7 | 5 | 1 | -- | .5 | N | N | N | 150 |
| S1205M | 62 33 25 | 156 12 37 | .15 | 2 | .7 | 1 | .3 | N | N | N | 15 |
| S1206M | 62 31 51 | 156 15 40 | 1 | 5 | 1 | -- | 1 | N | N | N | 200 |
| S1207M | 62 28 55 | 156 21 39 | .2 | 3 | 1 | 1 | .5 | N | N | N | 30 |
| S1208M | 62 28 29 | 156 27 42 | 1 | 5 | 1 | -- | .3 | N | N | N | 200 |
| S1209MD2 | 62 33 52 | 156 21 4 | .7 | 2 | .7 | -- | .5 | N | N | N | 150 |
| S1209MD4 | 62 33 54 | 156 21 6 | .7 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S1210M | 62 38 8 | 156 24 8 | 1 | 7 | 1.5 | 1.5 | .5 | N | N | N | 100 |
| S1211M | 62 36 8 | 156 26 8 | 1 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S1212M | 62 43 0 | 156 26 40 | .2 | 2 | 1 | 1.5 | .3 | N | N | N | 15 |
| S1213M | 62 43 37 | 156 12 22 | .1 | 1.5 | .5 | .5 | .3 | N | N | N | 15 |
| S1214M | 62 45 24 | 156 21 29 | .15 | 3 | 1 | 1.5 | .5 | N | N | N | 20 |
| S1215M | 62 47 54 | 156 11 28 | .7 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S1216M | 62 51 41 | 156 4 3 | .7 | 5 | 2 | 1.5 | .5 | N | N | N | 50 |
| S1217M | 62 52 4 | 156 16 38 | 1 | 3 | 2 | 1.5 | .7 | N | N | N | <10 |
| S1218MD2 | 62 53 56 | 156 7 40 | .7 | 3 | 1 | -- | .5 | N | N | N | 200 |
| S1218MD3 | 62 53 58 | 156 7 42 | .7 | 5 | 1.5 | -- | .5 | N | N | N | 100 |
| S1218MD4 | 62 53 58 | 156 7 42 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S1219M | 62 53 16 | 156 0 39 | .5 | 3 | .5 | -- | .3 | N | N | N | 150 |
| S1220M | 62 58 30 | 156 5 51 | .7 | 3 | .5 | -- | .3 | N | N | N | 150 |
| S1222M | 62 59 9 | 156 23 9 | .7 | 5 | 1 | -- | .5 | N | N | N | 100 |
| S1223M | 62 53 21 | 156 17 57 | .7 | 5 | 1 | -- | .2 | N | N | N | 200 |
| S1224M | 62 51 1 | 156 23 39 | .5 | 5 | .5 | -- | .5 | N | N | N | 200 |
| S1225M | 62 47 32 | 156 19 22 | .5 | 5 | 1.5 | -- | .5 | N | N | N | 200 |
| S1226MD2 | 62 49 20 | 156 31 31 | .05 | 1 | .5 | .5 | .07 | N | N | N | 10 |
| S1226MD3 | 62 49 22 | 156 31 33 | .1 | 1 | .3 | .7 | .2 | N | N | N | 15 |
| S1227M | 62 48 30 | 156 37 4 | .07 | 2 | .5 | .7 | .15 | N | N | N | 20 |
| S1228M | 62 47 49 | 156 44 9 | .1 | 2 | .7 | .7 | .3 | N | N | N | 15 |
| S1229M | 62 37 8 | 157 7 32 | 1.5 | 3 | 1.5 | -- | .5 | N | N | N | 500 |
| S1230M | 62 40 45 | 157 6 50 | 2 | 5 | 5 | -- | .5 | N | N | N | 300 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ba-ppm SQS | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S1022M | 300 | N | N | N | 10 | 100 | 5 | 7 | N | N | 100 | N | N |
| S1023MD2 | 200 | N | N | N | <10 | 30 | 7 | 5 | N | N | 100 | N | N |
| S1023MD3 | 1,000 | <1 | N | N | 15 | 70 | 15 | 20 | N | N | 200 | <5 | N |
| S1023MD4 | 700 | N | N | N | 15 | 100 | 10 | 20 | N | N | 150 | N | N |
| S1024M | 500 | N | N | N | 10 | 30 | 10 | 5 | N | N | 70 | N | N |
| S1025M | 300 | N | N | N | 15 | 20 | 10 | 7 | N | N | 150 | N | N |
| S1026M | 700 | 2 | N | N | 20 | 100 | 20 | -- | -- | 20 | 500 | N | <20 |
| S1027M | 300 | N | N | N | 15 | 30 | 7 | <5 | N | N | 1,000 | N | N |
| S1029M | 1,000 | 3 | N | N | 30 | 1,000 | 20 | -- | -- | N | 3,000 | N | N |
| S1030M | 700 | N | N | N | 10 | 100 | 7 | 7 | N | N | 150 | N | N |
| S1032M | 1,000 | 2 | N | N | 20 | 100 | 20 | -- | -- | 50 | 1,000 | N | <20 |
| S1033M | 200 | N | N | N | 10 | 30 | 5 | <5 | N | N | 100 | N | N |
| S1034MD3 | 1,000 | N | N | N | 15 | 100 | 15 | 30 | N | <50 | 500 | N | <20 |
| S1034MD4 | 1,000 | N | N | N | 10 | 150 | 10 | 50 | N | 50 | 500 | N | N |
| S1037M | 1,500 | 1 | N | N | 20 | 100 | 15 | 50 | N | 50 | 1,500 | N | <20 |
| S1038M | 1,000 | N | N | N | 15 | 500 | 10 | 30 | N | <50 | 700 | N | N |
| S1040M | 1,000 | N | N | N | 10 | 100 | 10 | 20 | N | <50 | 500 | N | <20 |
| S1042M | 700 | N | N | N | <10 | 70 | 10 | 20 | N | N | 700 | N | N |
| S1046M | 500 | N | N | N | N | 30 | 5 | 10 | N | N | 300 | N | N |
| S1047M | 200 | N | N | N | <10 | 50 | 10 | 5 | N | N | 50 | N | N |
| S1048M | 700 | N | N | N | 10 | 50 | 10 | 10 | N | N | 150 | N | N |
| S1049M | 700 | N | N | N | <10 | 100 | 10 | 15 | N | N | 150 | N | N |
| S1050M | 200 | N | N | N | N | 30 | <5 | <5 | N | N | 50 | N | N |
| S1051M | 300 | N | N | N | <10 | 50 | 5 | 15 | N | N | 200 | N | N |
| S1052M | 700 | N | N | N | <10 | 20 | 7 | 15 | N | N | 200 | N | N |
| S1053M | 300 | N | N | N | <10 | 30 | 10 | 10 | N | N | 150 | N | N |
| S1054M | 300 | N | N | N | <10 | 30 | 7 | 10 | N | N | 150 | N | N |
| S1200M | 200 | N | N | N | <10 | 20 | 5 | 5 | N | N | 70 | N | N |
| S1202M | 700 | 2 | N | N | 10 | 100 | 20 | -- | -- | 20 | 700 | N | N |
| S1203M | 700 | 3 | N | N | 20 | 70 | 20 | -- | -- | 30 | 500 | N | <20 |
| S1204M | 500 | 2 | N | N | 20 | 100 | 20 | -- | -- | 50 | 1,000 | N | <20 |
| S1205M | 300 | N | N | N | <10 | 70 | 5 | 7 | N | N | 100 | N | N |
| S1206M | 700 | 2 | N | N | 15 | 100 | 20 | -- | -- | 30 | 500 | N | <20 |
| S1207M | 700 | N | N | N | 10 | 300 | 15 | 10 | N | N | 200 | N | <20 |
| S1208M | 1,000 | 2 | N | N | 20 | 100 | 30 | -- | -- | 20 | 700 | N | N |
| S1209MD2 | 700 | 2 | N | N | 20 | 100 | 20 | -- | -- | 30 | 500 | N | <20 |
| S1209MD4 | 700 | 2 | N | N | 20 | 100 | 20 | -- | -- | 20 | 1,000 | N | N |
| S1210M | 1,000 | <1 | N | N | 20 | 50 | 10 | 50 | N | <50 | 700 | N | N |
| S1211M | 1,000 | 2 | N | N | 20 | 100 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S1212M | 500 | N | N | N | <10 | 50 | 7 | 20 | N | N | 100 | N | N |
| S1213M | 200 | N | N | N | <10 | 70 | 5 | 7 | N | N | 100 | N | N |
| S1214M | 500 | N | N | N | 10 | 100 | 7 | 10 | N | N | 150 | N | N |
| S1215M | 700 | 2 | N | N | 20 | 100 | 20 | -- | -- | 50 | 1,000 | N | <20 |
| S1216M | 1,000 | <1 | N | N | 15 | 100 | 15 | 50 | N | <50 | 700 | N | <20 |
| S1217M | 500 | N | N | N | 15 | 70 | 20 | 20 | N | N | 500 | N | <20 |
| S1218MD2 | 1,000 | 3 | N | N | 30 | 300 | 20 | -- | -- | 50 | 700 | N | N |
| S1218MD3 | 500 | 1 | N | N | 10 | 100 | 20 | -- | -- | 20 | 700 | N | N |
| S1218MD4 | 700 | 2 | N | N | 20 | 200 | 20 | -- | -- | <20 | 700 | N | N |
| S1219M | 700 | 3 | N | N | 20 | 50 | 20 | -- | -- | 20 | 500 | N | N |
| S1220M | 700 | 2 | N | N | 20 | 150 | 20 | -- | -- | 50 | 500 | N | <20 |
| S1222M | 500 | 1 | N | N | 10 | 70 | 20 | -- | -- | <20 | 1,000 | N | N |
| S1223M | 500 | 3 | N | N | 15 | 50 | 20 | -- | -- | <20 | 500 | N | N |
| S1224M | 700 | 2 | N | N | 15 | 100 | 20 | -- | -- | 50 | 1,000 | N | <20 |
| S1225M | 700 | 2 | N | N | 20 | 100 | 20 | -- | -- | 50 | 1,000 | N | <20 |
| S1226MD2 | 150 | N | N | N | N | 20 | 5 | <5 | N | N | 30 | N | N |
| S1226MD3 | 300 | N | N | N | <10 | 50 | 7 | 5 | N | N | 100 | N | N |
| S1227M | 300 | N | N | N | 10 | 200 | 10 | 5 | N | N | 200 | N | N |
| S1228M | 300 | N | N | N | <10 | 50 | 10 | 7 | N | N | 200 | N | N |
| S1229M | 1,000 | 2 | N | N | 50 | 1,000 | 20 | -- | -- | 20 | 1,000 | N | <20 |
| S1230M | 1,000 | 2 | N | N | 70 | 2,000 | 20 | -- | -- | <20 | 1,000 | N | N |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ni-ppm SQS | Pb-ppm SQS | Sb-ppm SQS | Sc-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | Th-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S1022M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 150 | .8 |
| S1023MD2 | 15 | N | N | N | N | N | N | 50 | N | N | N | 30 | .75 |
| S1023MD3 | 15 | <10 | N | 10 | N | N | N | 200 | N | 10 | N | 100 | 1.7 |
| S1023MD4 | 20 | <10 | N | 7 | N | N | N | 100 | N | 15 | <200 | 100 | 1.9 |
| S1024M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 70 | 1.8 |
| S1025M | 15 | <10 | N | <5 | N | N | N | 70 | 30 | N | N | 50 | 1.1 |
| S1026M | 30 | 15 | N | 15 | N | 100 | N | 150 | N | 30 | <200 | 200 | 1 |
| S1027M | 15 | N | N | N | N | N | N | 50 | N | N | N | 50 | 1.2 |
| S1029M | 70 | 20 | N | 20 | N | 200 | N | 200 | N | 20 | 200 | 200 | 1 |
| S1030M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 100 | 1.1 |
| S1032M | 50 | 10 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 500 | .9 |
| S1033M | 15 | <10 | N | N | N | N | N | 50 | N | N | N | 70 | .55 |
| S1034MD3 | 30 | 15 | N | 10 | N | N | N | 200 | N | 15 | N | 300 | 1.3 |
| S1034MD4 | 20 | N | N | 7 | N | N | N | 100 | N | 15 | N | 300 | .82 |
| S1037M | 30 | 10 | N | 15 | N | N | N | 150 | N | 20 | N | 200 | 1.3 |
| S1038M | 30 | N | N | 7 | N | N | N | 150 | N | 10 | N | 200 | .85 |
| S1040M | 30 | N | N | 7 | N | <100 | N | 150 | N | 20 | N | 300 | 1 |
| S1042M | 15 | <10 | N | 5 | N | N | N | 70 | N | 10 | N | 200 | 1.1 |
| S1046M | 15 | <10 | N | <5 | N | N | N | 70 | N | N | N | 150 | .85 |
| S1047M | 20 | N | N | N | N | N | N | 70 | N | N | N | 70 | 4.5 |
| S1048M | 30 | N | N | 5 | N | N | N | 100 | N | <10 | N | 100 | 9.1 |
| S1049M | 30 | N | N | <5 | N | N | N | 100 | N | <10 | N | 150 | .9 |
| S1050M | 7 | N | N | N | N | N | N | 50 | N | N | N | 100 | 7.2 |
| S1051M | 20 | N | N | <5 | N | N | N | 100 | N | <10 | N | 200 | .7 |
| S1052M | 20 | <10 | N | 5 | N | N | N | 70 | N | N | N | 150 | 3.8 |
| S1053M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 100 | .7 |
| S1054M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 150 | .75 |
| S1200M | 10 | N | N | N | N | N | N | 30 | N | N | N | 70 | .65 |
| S1202M | 30 | 10 | N | 10 | N | <100 | N | 100 | N | 30 | <200 | 300 | 1.1 |
| S1203M | 30 | 10 | N | 15 | N | 150 | N | 150 | N | 50 | <200 | 200 | .85 |
| S1204M | 30 | 10 | N | 15 | N | 150 | N | 150 | N | 50 | <200 | 200 | .9 |
| S1205M | 20 | N | N | <5 | N | N | N | 50 | N | N | N | 200 | .75 |
| S1206M | 30 | 20 | N | 20 | N | <100 | N | 200 | N | 50 | <200 | 500 | .7 |
| S1207M | 30 | N | N | 5 | N | N | N | 100 | N | <10 | N | 300 | 1 |
| S1208M | 50 | 15 | N | 15 | N | 100 | N | 200 | N | 50 | <200 | 300 | 2 |
| S1209MD2 | 30 | 15 | N | 15 | N | 150 | N | 150 | N | 50 | <200 | 300 | 1 |
| S1209MD4 | 30 | 20 | N | 15 | N | <100 | N | 150 | N | 30 | <200 | 200 | .8 |
| S1210M | 20 | 10 | N | 10 | N | <100 | N | 150 | N | 15 | N | 200 | .9 |
| S1211M | 50 | 20 | N | 15 | N | 100 | N | 200 | N | 50 | <200 | 200 | .9 |
| S1212M | 10 | 10 | N | <5 | N | N | N | 70 | N | N | N | 100 | .9 |
| S1213M | 10 | N | N | N | N | N | N | 50 | N | N | N | 200 | 1.7 |
| S1214M | 20 | <10 | N | <5 | N | N | N | 100 | N | <10 | N | 150 | .85 |
| S1215M | 50 | 10 | N | 20 | N | 100 | N | 200 | N | 50 | <200 | 500 | .9 |
| S1216M | 20 | <10 | N | 10 | N | N | N | 100 | N | 30 | N | 200 | .9 |
| S1217M | 10 | 10 | N | 5 | N | <100 | N | 100 | N | N | N | 100 | 1.9 |
| S1218MD2 | 50 | 10 | N | 20 | N | 150 | N | 150 | N | 50 | <200 | 500 | .9 |
| S1218MD3 | 50 | 15 | N | 10 | N | <100 | N | 150 | N | 20 | <200 | 200 | .9 |
| S1218MD4 | 50 | 15 | N | 15 | N | <100 | N | 150 | N | 30 | <200 | 200 | .8 |
| S1219M | 30 | 10 | N | 10 | N | 150 | N | 100 | N | 50 | <200 | 200 | .75 |
| S1220M | 30 | 10 | N | 10 | N | 100 | N | 150 | N | 50 | <200 | 300 | .6 |
| S1222M | 50 | 15 | N | 10 | N | <100 | N | 150 | N | 15 | <200 | 150 | 1.1 |
| S1223M | 30 | 15 | N | 10 | N | <100 | N | 100 | N | 20 | <200 | 200 | 1 |
| S1224M | 50 | 10 | N | 15 | N | 100 | N | 150 | N | 30 | <200 | 300 | .75 |
| S1225M | 50 | 15 | N | 20 | N | 150 | N | 150 | N | 50 | <200 | 300 | .9 |
| S1226MD2 | 10 | N | N | N | N | N | N | 30 | N | N | N | 15 | 1.7 |
| S1226MD3 | 15 | N | N | N | N | N | N | 50 | N | N | N | 70 | 1.9 |
| S1227M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 70 | .9 |
| S1228M | 15 | N | N | <5 | N | N | N | 100 | N | N | N | 50 | 1.2 |
| S1229M | 70 | 20 | N | 30 | N | 150 | N | 150 | N | 50 | <200 | 200 | .9 |
| S1230M | 200 | 20 | N | 30 | N | 200 | N | 150 | N | 30 | <200 | 150 | 1.2 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Ca-pct. SQS | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S1231M | 62 38 54 | 157 7 33 | .2 | 2 | 2 | .7 | .1 | N | N | N | 10 |
| S1232M | 62 33 44 | 156 56 28 | .7 | 5 | 1 | -- | .5 | N | N | N | 150 |
| S1233M | 62 34 17 | 156 52 40 | .7 | 2 | 1 | 1 | .5 | N | N | N | 150 |
| S1234MD3 | 62 35 6 | 156 44 35 | 1 | 5 | 1.5 | 1 | .7 | N | N | N | 100 |
| S1234MD4 | 62 35 6 | 156 44 37 | .5 | 5 | 1.5 | 1 | .5 | N | N | N | 100 |
| S1235M | 62 24 58 | 156 32 35 | .7 | 7 | 2 | 1 | .5 | <.5 | N | N | 70 |
| S1240MD2 | 62 37 26 | 156 30 52 | 1 | 10 | 2 | 1 | .5 | N | N | N | 100 |
| S1244M | 62 21 40 | 156 18 37 | 1 | 5 | 1.5 | 1 | .7 | N | N | N | 100 |
| S1245M | 62 19 13 | 156 14 31 | 1 | 5 | 2 | 1 | .7 | N | N | N | 150 |
| S1246MD2 | 62 18 31 | 156 5 48 | .7 | 3 | 1.5 | 1.5 | 1 | N | N | N | 70 |
| S1246MD3 | 62 18 32 | 156 5 49 | 1 | 7 | 2 | 1.5 | .7 | N | N | N | 70 |
| S1246MD4 | 62 18 32 | 156 5 49 | 1 | 5 | 1.5 | 1.5 | .7 | N | N | N | 100 |
| S1247MD2 | 62 16 19 | 156 27 12 | 1 | 5 | 2 | 1.5 | .5 | N | N | N | 100 |
| S1247MD3 | 62 16 20 | 156 27 13 | 1 | 3 | 1 | .7 | .5 | N | N | N | 150 |
| S1247MD4 | 62 16 20 | 156 27 13 | .7 | 5 | 1.5 | 1 | .3 | N | N | N | 100 |
| S1249M | 62 18 55 | 156 32 12 | .07 | 1.5 | .5 | .7 | .2 | N | N | N | 15 |
| S1250M | 62 13 33 | 156 23 38 | .1 | 1.5 | .5 | 1 | .3 | N | N | N | 15 |
| S1252M | 62 6 59 | 156 21 9 | .2 | 2 | 1 | 1.5 | .5 | N | N | N | 20 |
| S1253MD2 | 62 6 9 | 156 16 5 | .15 | 2 | 1 | 1.5 | .5 | N | N | N | 20 |
| S1253MD3 | 62 6 10 | 156 16 6 | .15 | 1 | .3 | .7 | .2 | N | N | N | 20 |
| S1253MD4 | 62 6 10 | 156 16 6 | .15 | 2 | .7 | 1.5 | .3 | N | N | N | 20 |
| S1254M | 62 3 18 | 156 22 9 | .2 | 2 | 1 | 1 | .7 | N | N | N | 20 |
| S1255M | 62 2 25 | 156 7 49 | .2 | 2 | 1 | 1 | .5 | N | N | N | 30 |
| S1256MD2 | 62 3 40 | 156 5 50 | .1 | 2 | .7 | 1.5 | .5 | N | N | N | 15 |
| S1256MD3 | 62 3 39 | 156 5 49 | .1 | 2 | .7 | 1.5 | .2 | N | N | N | 10 |
| S1256MD4 | 62 3 39 | 156 5 49 | .15 | 1.5 | .7 | 1 | .15 | N | N | N | 15 |
| S1257M | 62 5 30 | 156 4 48 | .2 | 1.5 | .7 | .7 | .3 | N | N | N | 30 |
| S1258M | 62 10 14 | 156 2 18 | .15 | 1.5 | .5 | 1 | .3 | N | N | N | 30 |
| S1259M | 62 11 13 | 156 13 11 | .2 | 2 | .7 | 1 | .5 | N | N | N | 30 |
| S1260MD2 | 62 13 4 | 156 2 34 | .1 | 1.5 | 1 | 1 | .15 | N | N | N | 20 |
| S1260MD3 | 62 13 3 | 156 2 33 | .2 | 2 | .7 | 1 | .5 | N | N | N | 30 |
| S1260MD4 | 62 13 3 | 156 2 33 | .15 | 2 | 1 | 1.5 | .5 | N | N | N | 20 |
| S1261M | 62 14 5 | 156 9 59 | .15 | 2 | 1 | 1.5 | .5 | N | N | N | 15 |
| S1262M | 62 15 33 | 156 4 31 | .15 | 2 | .7 | 1 | .5 | N | N | N | 30 |
| S1263M | 62 20 28 | 156 6 47 | .2 | 3 | 1 | 1.5 | .5 | N | N | N | 30 |
| S1264M | 62 26 41 | 156 9 15 | .2 | 1.5 | 1 | 1 | .3 | N | N | N | 30 |
| S1265M | 62 29 31 | 156 8 51 | .15 | 2 | 1 | 1.5 | .3 | N | N | N | 20 |
| S1266M | 62 26 36 | 156 55 56 | .2 | 1.5 | .5 | .7 | .2 | N | N | N | 30 |
| S1267M | 62 24 31 | 157 1 52 | .2 | 1 | .7 | .5 | .2 | <.5 | N | N | 70 |
| S1268M | 62 24 8 | 156 58 41 | .1 | 1.5 | .5 | 1 | .15 | N | N | N | 70 |
| S1269M | 62 17 3 | 156 52 52 | .07 | 1.5 | .3 | 1.5 | .3 | N | N | N | 30 |
| S1270M | 62 18 18 | 156 49 52 | .15 | 3 | 1 | 1.5 | .5 | N | N | N | 30 |
| S1271M | 62 21 25 | 156 45 21 | .15 | 2 | .7 | 1 | .5 | N | N | N | 20 |
| S1272M | 62 19 13 | 156 40 34 | .1 | 1.5 | .5 | 1.5 | .15 | <.5 | N | N | 200 |
| S1273M | 62 10 12 | 157 40 31 | .15 | 2 | .7 | 1 | .5 | N | N | N | 20 |
| S1274M | 62 8 28 | 157 36 52 | .2 | 2 | .7 | 1.5 | .3 | N | N | N | 50 |
| S1275M | 62 45 31 | 156 5 17 | .2 | 2 | .7 | 1 | .3 | N | N | N | 150 |
| S1276M | 62 45 28 | 156 5 21 | .15 | 1.5 | .5 | .5 | .3 | <.5 | N | N | 200 |
| S1277M | 62 46 43 | 156 4 3 | .15 | 1 | .5 | 1.5 | .2 | N | N | N | 30 |
| S1278M | 62 50 14 | 156 10 51 | .2 | 2 | 1 | 1.5 | .3 | N | N | N | 10 |
| S1279M | 62 53 28 | 156 8 18 | .5 | 3 | 1.5 | 1.5 | .7 | N | N | N | 15 |
| S1280M | 62 53 41 | 156 1 27 | .2 | 2 | 1 | 1.5 | .5 | N | N | N | 20 |
| S1281M | 62 59 48 | 156 33 8 | .15 | 2 | 1 | 1 | .3 | N | N | N | 20 |
| S1282M | 62 39 58 | 156 8 5 | .3 | 3 | .7 | 2 | .7 | N | N | N | 30 |
| S1283M | 62 42 7 | 156 6 28 | .2 | 2 | 1 | 1.5 | .5 | N | N | N | 20 |
| S1284M | 62 38 23 | 157 2 22 | .1 | 2 | .7 | 1 | .2 | N | N | N | 50 |
| S1285M | 62 36 1 | 157 0 41 | .2 | 2 | .7 | 1 | .3 | N | N | N | 50 |
| S1286M | 62 14 39 | 157 11 58 | .2 | 1 | .3 | .7 | .1 | N | N | N | 20 |
| S1287M | 62 26 28 | 157 52 13 | .07 | 2 | .5 | 1 | .3 | N | N | N | 20 |
| S1288M | 62 23 21 | 157 55 2 | .7 | 3 | 3 | 1.5 | .2 | N | N | N | 15 |

Table 4. *Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued*

| Sample | Ba-ppm SQS | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S1231M | 300 | N | N | N | 15 | 1,000 | 7 | <5 | N | N | 200 | N | N |
| S1232M | 700 | 1 | N | N | 10 | 70 | 20 | -- | -- | 20 | 700 | N | N |
| S1233M | 1,000 | N | N | N | 15 | 100 | 15 | 20 | N | <50 | 1,000 | <5 | <20 |
| S1234MD3 | 2,000 | <1 | N | N | 15 | 150 | 15 | 30 | N | 50 | 1,000 | N | <20 |
| S1234MD4 | 1,000 | N | N | N | 10 | 70 | 10 | 30 | N | <50 | 700 | N | <20 |
| S1235M | 1,500 | <1 | N | N | 10 | 70 | 15 | 10 | N | N | 1,000 | N | N |
| S1240MD2 | 1,500 | <1 | N | N | 20 | 70 | 15 | 30 | N | N | 2,000 | N | <20 |
| S1244M | 1,000 | <1 | N | N | 15 | 100 | 15 | 20 | N | <50 | 1,000 | N | <20 |
| S1245M | 1,000 | <1 | N | N | 15 | 70 | 10 | 30 | N | <50 | 1,000 | N | <20 |
| S1246MD2 | 1,000 | N | N | N | 10 | 100 | 15 | 30 | N | <50 | 700 | N | <20 |
| S1246MD3 | 1,000 | N | N | N | 15 | 100 | 15 | 50 | N | <50 | 1,000 | N | <20 |
| S1246MD4 | 1,000 | <1 | N | N | 15 | 100 | 10 | 30 | N | <50 | 700 | N | <20 |
| S1247MD2 | 1,500 | <1 | N | N | 10 | 70 | 15 | 50 | N | <50 | 500 | N | <20 |
| S1247MD3 | 1,000 | <1 | N | N | 10 | 100 | 10 | 15 | N | N | 500 | N | <20 |
| S1247MD4 | 700 | N | N | N | 10 | 70 | 10 | 30 | N | N | 500 | N | <20 |
| S1249M | 300 | N | N | N | <10 | 15 | 7 | 5 | N | N | 150 | N | N |
| S1250M | 300 | N | N | N | <10 | 50 | 5 | 7 | N | N | 100 | N | N |
| S1252M | 500 | N | N | N | <10 | 100 | 5 | 10 | N | N | 200 | N | N |
| S1253MD2 | 300 | N | N | N | N | 50 | 7 | 10 | N | N | 200 | N | N |
| S1253MD3 | 200 | N | N | N | N | 20 | 5 | 5 | N | N | 100 | N | N |
| S1253MD4 | 300 | N | N | N | <10 | 70 | 5 | 7 | N | N | 150 | N | N |
| S1254M | 700 | N | N | N | <10 | 100 | 7 | 20 | N | N | 200 | N | N |
| S1255M | 700 | <1 | N | N | <10 | 70 | 10 | 10 | N | N | 300 | N | <20 |
| S1256MD2 | 200 | N | N | N | N | 30 | 5 | 7 | N | N | 100 | N | N |
| S1256MD3 | 300 | N | N | N | N | 30 | 5 | 10 | N | N | 100 | N | N |
| S1256MD4 | 300 | N | N | N | N | 30 | 5 | 10 | N | N | 150 | N | N |
| S1257M | 700 | N | N | N | <10 | 30 | 7 | 5 | N | N | 150 | N | N |
| S1258M | 500 | N | N | N | <10 | 30 | 7 | 10 | N | N | 100 | N | N |
| S1259M | 500 | N | N | N | <10 | 70 | 7 | 10 | N | N | 200 | N | N |
| S1260MD2 | 500 | N | N | N | N | 20 | 7 | 15 | N | N | 150 | N | N |
| S1260MD3 | 500 | N | N | N | 10 | 70 | 15 | 10 | N | N | 200 | N | N |
| S1260MD4 | 500 | N | N | N | 10 | 70 | 10 | 15 | N | N | 200 | N | N |
| S1261M | 300 | N | N | N | <10 | 150 | 10 | 15 | N | N | 150 | N | N |
| S1262M | 700 | N | N | N | <10 | 70 | 10 | 15 | N | N | 150 | N | N |
| S1263M | 700 | N | N | N | 10 | 70 | 10 | 15 | N | <50 | 200 | N | N |
| S1264M | 700 | <1 | N | N | <10 | 30 | 10 | 15 | N | N | 300 | N | N |
| S1265M | 500 | N | N | N | <10 | 50 | 10 | 10 | N | N | 150 | N | N |
| S1266M | 500 | N | N | N | <10 | 20 | 7 | 5 | N | N | 200 | N | N |
| S1267M | 700 | <1 | N | N | <10 | 15 | 10 | <5 | N | N | 300 | N | N |
| S1268M | 300 | N | N | N | <10 | 15 | 10 | 5 | N | N | 200 | N | N |
| S1269M | 200 | N | N | N | <10 | 20 | 5 | <5 | N | N | 70 | N | N |
| S1270M | 500 | N | N | N | 15 | 100 | 7 | 15 | N | N | 300 | N | N |
| S1271M | 700 | N | N | N | <10 | 20 | 5 | 7 | N | N | 200 | N | N |
| S1272M | 1,000 | <1 | N | N | N | 15 | 5 | 20 | N | N | 100 | N | N |
| S1273M | 500 | 1 | N | N | 10 | 70 | 20 | 10 | N | N | 1,000 | N | N |
| S1274M | 700 | N | N | N | <10 | 30 | 10 | 15 | N | N | 100 | N | N |
| S1275M | 300 | <1 | N | N | 10 | 20 | 15 | 7 | N | N | 300 | N | N |
| S1276M | 300 | <1 | N | N | <10 | <10 | 10 | <5 | N | N | 200 | N | N |
| S1277M | 300 | N | N | N | N | 15 | <5 | 5 | N | N | 100 | N | N |
| S1278M | 300 | N | N | N | <10 | 50 | 7 | 10 | N | N | 200 | N | N |
| S1279M | 500 | N | N | N | 15 | 150 | 20 | 15 | N | N | 300 | N | N |
| S1280M | 500 | N | N | N | 10 | 100 | 5 | 10 | N | N | 150 | N | N |
| S1281M | 700 | N | N | N | 15 | 200 | 10 | 15 | N | N | 500 | N | N |
| S1282M | 700 | N | N | N | 10 | 70 | 10 | 20 | N | N | 200 | N | N |
| S1283M | 500 | N | N | N | <10 | 50 | 5 | 10 | N | N | 150 | N | N |
| S1284M | 1,000 | N | N | N | <10 | 20 | 10 | 10 | N | N | 150 | N | N |
| S1285M | 1,000 | N | N | N | 10 | 50 | 10 | 10 | N | N | 500 | N | N |
| S1286M | 300 | 1 | N | N | N | <10 | 10 | <5 | N | N | 300 | N | N |
| S1287M | 300 | N | N | N | 10 | 20 | 5 | 5 | N | N | 150 | N | N |
| S1288M | 700 | 1.5 | N | N | 15 | 500 | 20 | 7 | N | N | 500 | N | N |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ni-ppm SQS | Pb-ppm SQS | Sb-ppm SQS | Sc-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | Th-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S1231M | 50 | N | N | <5 | N | N | N | 70 | N | N | N | 20 | 1.3 |
| S1232M | 30 | 10 | N | 10 | N | <100 | N | 200 | N | 30 | <200 | 200 | 1 |
| S1233M | 20 | <10 | N | 10 | N | N | N | 150 | N | 15 | N | 200 | 1.5 |
| S1234MD3 | 30 | N | N | 15 | N | <100 | N | 200 | N | 30 | N | 300 | .9 |
| S1234MD4 | 20 | N | N | 5 | N | N | N | 100 | N | 15 | N | 300 | .85 |
| S1235M | 20 | 20 | N | 7 | N | N | N | 100 | N | 10 | <200 | 200 | .9 |
| S1240MD2 | 30 | 10 | N | 10 | N | <100 | N | 150 | N | 15 | N | 100 | 1.1 |
| S1244M | 50 | N | N | 10 | N | <100 | N | 150 | N | 30 | N | 500 | .8 |
| S1245M | 30 | 10 | N | 10 | N | <100 | N | 100 | N | 15 | N | 500 | 1.1 |
| S1246MD2 | 20 | N | N | 10 | N | N | N | 150 | N | 20 | N | 500 | .9 |
| S1246MD3 | 50 | 10 | N | 10 | N | N | N | 100 | N | 20 | N | 500 | 1 |
| S1246MD4 | 20 | <10 | N | 10 | N | <100 | N | 150 | N | 30 | N | 500 | 1.1 |
| S1247MD2 | 20 | 15 | N | 10 | N | N | N | 150 | N | 15 | N | 200 | 1.7 |
| S1247MD3 | 20 | 10 | N | 7 | N | N | N | 150 | N | 10 | N | 200 | 1.3 |
| S1247MD4 | 20 | N | N | 7 | N | N | N | 100 | N | 10 | N | 200 | 1.4 |
| S1249M | 15 | N | N | N | N | N | N | 70 | N | N | N | 100 | 5.9 |
| S1250M | 15 | N | N | N | N | N | N | 70 | N | N | N | 150 | 14 |
| S1252M | 20 | N | N | <5 | N | N | N | 100 | N | N | N | 200 | 3.7 |
| S1253MD2 | 15 | <10 | N | <5 | N | N | N | 70 | N | N | N | 200 | .85 |
| S1253MD3 | 10 | N | N | N | N | N | N | 30 | N | N | N | 100 | 16 |
| S1253MD4 | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 200 | 15 |
| S1254M | 20 | N | N | 5 | 50 | N | N | 100 | N | <10 | N | 500 | .9 |
| S1255M | 20 | <10 | N | <5 | N | N | N | 70 | N | <10 | N | 200 | .8 |
| S1256MD2 | 15 | N | N | N | N | N | N | 70 | N | N | N | 200 | .65 |
| S1256MD3 | 15 | <10 | N | N | N | N | N | 50 | N | N | N | 100 | 1.1 |
| S1256MD4 | 10 | <10 | N | N | N | N | N | 50 | N | N | N | 70 | .85 |
| S1257M | 15 | <10 | N | <5 | N | N | N | 100 | N | N | N | 150 | 6.9 |
| S1258M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 100 | 3.9 |
| S1259M | 20 | N | N | 5 | N | N | N | 100 | N | 10 | N | 300 | .9 |
| S1260MD2 | 15 | <10 | N | N | N | N | N | 70 | N | N | N | 100 | 8.8 |
| S1260MD3 | 30 | N | N | 5 | N | N | N | 100 | N | N | N | 200 | 7.8 |
| S1260MD4 | 30 | <10 | N | <5 | N | N | N | 100 | N | N | N | 100 | 7 |
| S1261M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 300 | .9 |
| S1262M | 20 | N | N | 5 | N | N | N | 100 | N | N | N | 200 | .9 |
| S1263M | 20 | <10 | N | 5 | N | N | N | 100 | N | 10 | N | 300 | 9.7 |
| S1264M | 20 | <10 | N | <5 | N | N | N | 70 | N | 15 | N | 200 | .55 |
| S1265M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 150 | 4.3 |
| S1266M | 15 | N | N | N | N | N | N | 100 | N | N | N | 150 | 1.3 |
| S1267M | 30 | <10 | N | N | N | N | N | 100 | N | N | N | 50 | 3.9 |
| S1268M | 15 | <10 | N | N | N | N | N | 70 | N | N | N | 50 | 1.3 |
| S1269M | 15 | N | N | N | N | N | N | 50 | N | N | N | 150 | 1.3 |
| S1270M | 30 | N | N | 5 | N | N | N | 100 | N | <10 | N | 150 | .9 |
| S1271M | 20 | N | N | N | N | N | N | 100 | N | N | N | 100 | 1.4 |
| S1272M | 10 | 50 | N | N | N | N | N | 30 | N | N | N | 70 | 7.7 |
| S1273M | 30 | N | N | <5 | N | N | N | 100 | N | <10 | N | 200 | 1 |
| S1274M | 20 | N | N | <5 | N | N | N | 100 | N | <10 | N | 150 | .8 |
| S1275M | 20 | 20 | N | <5 | N | N | N | 100 | N | <10 | N | 150 | 1.5 |
| S1276M | 20 | 100 | N | N | N | N | N | 70 | N | <10 | N | 150 | 1.4 |
| S1277M | 15 | N | N | N | N | N | N | 70 | N | N | N | 100 | 1.1 |
| S1278M | 10 | <10 | N | N | N | N | N | 70 | N | N | N | 300 | 2 |
| S1279M | 20 | <10 | N | 5 | N | N | N | 100 | N | N | N | 100 | 1.7 |
| S1280M | 20 | N | N | <5 | <10 | N | N | 100 | N | <10 | N | 200 | .65 |
| S1281M | 30 | N | N | <5 | N | N | N | 100 | N | N | N | 100 | .75 |
| S1282M | 30 | <10 | N | N | N | N | N | 100 | N | 10 | N | 700 | .55 |
| S1283M | 20 | N | N | <5 | N | N | N | 100 | N | N | N | 300 | .9 |
| S1284M | 30 | N | N | <5 | N | N | N | 100 | N | N | N | 70 | 1.3 |
| S1285M | 30 | <10 | N | <5 | N | N | N | 100 | N | <10 | N | 200 | .85 |
| S1286M | 20 | N | N | N | N | N | N | 50 | N | 10 | N | 50 | 4 |
| S1287M | 20 | N | N | N | N | N | N | 70 | N | N | N | 70 | .55 |
| S1288M | 100 | <10 | N | 5 | N | N | N | 70 | N | N | N | 100 | 3.4 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Ca-pct. SQS | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S1289M | 62 31 47 | 157 52 2 | .1 | 2 | .5 | 1 | .3 | N | N | N | 20 |
| S1400M | 62 41 38 | 156 18 50 | .1 | 1 | .7 | 1.5 | .2 | N | N | N | 10 |
| S1401M | 62 41 49 | 156 11 48 | 1 | 3 | 1 | -- | .5 | N | N | N | 200 |
| S1402M | 62 43 6 | 156 6 31 | .15 | 3 | .7 | 1 | .3 | N | N | N | 20 |
| S1403M | 62 39 4 | 156 0 53 | .15 | 1.5 | .5 | 1 | .2 | N | N | N | 15 |
| S1404M | 62 33 38 | 156 6 29 | .15 | 2 | 1 | 1.5 | .3 | N | N | N | 10 |
| S1405M | 62 35 49 | 156 7 30 | .15 | 2 | 1 | 1.5 | .5 | N | N | N | 10 |
| S1406M | 62 36 4 | 156 12 33 | .2 | 1.5 | .7 | 1 | .2 | N | N | N | 20 |
| S1407M | 62 36 9 | 156 15 2 | .1 | 2 | 1 | 1.5 | .3 | N | N | N | 20 |
| S1408M | 62 27 0 | 156 25 23 | .15 | 2 | 1 | 1 | .2 | N | N | N | 20 |
| S1409M | 62 31 8 | 156 29 11 | .7 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S1410M | 62 34 38 | 156 23 35 | .1 | 2 | .7 | 1 | .2 | N | N | N | 15 |
| S1412M | 62 34 54 | 156 28 49 | .1 | 2 | .5 | 1 | .15 | N | N | N | 10 |
| S1413M | 62 42 46 | 156 24 30 | 1 | 3 | 1 | -- | .3 | N | N | N | 200 |
| S1414M | 62 45 37 | 156 0 4 | 1 | 5 | 1.5 | -- | .7 | N | N | N | 200 |
| S1415M | 62 46 12 | 156 14 10 | .15 | 2 | .7 | 1.5 | .5 | N | N | N | 20 |
| S1416M | 62 46 43 | 156 6 53 | .7 | 5 | 1 | -- | .5 | N | N | N | 150 |
| S1417M | 62 51 28 | 156 7 35 | .1 | 1.5 | .7 | 1 | .3 | N | N | N | 15 |
| S1418M | 62 53 8 | 156 11 20 | .15 | 1.5 | .5 | .5 | .2 | N | N | N | 20 |
| S1419M | 62 51 23 | 156 10 40 | .7 | 3 | 1.5 | 1 | 1 | N | N | N | 15 |
| S1420MD1 | 62 54 38 | 156 7 19 | .2 | 2 | 1 | 1.5 | .5 | N | N | N | 20 |
| S1421M | 62 56 51 | 156 9 22 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S1422M | 62 59 46 | 156 13 49 | .1 | 2 | .7 | 1 | .5 | N | N | N | 15 |
| S1423MD1 | 62 36 29 | 156 10 25 | .5 | 2 | .5 | -- | .3 | N | N | N | 150 |
| S1424M | 62 56 48 | 156 25 42 | .7 | 3 | 1.5 | 1 | .5 | N | N | N | 150 |
| S1425M | 62 54 4 | 156 26 3 | .5 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S1426MD1 | 62 55 21 | 156 26 7 | .15 | 1.5 | .5 | .7 | .15 | N | N | N | 20 |
| S1427M | 62 49 40 | 156 25 18 | .1 | 1.5 | 1 | 1 | .3 | N | N | N | 20 |
| S1428M | 62 49 59 | 156 31 52 | .1 | 1 | .5 | .5 | .15 | N | N | N | 20 |
| S1429MD1 | 62 48 24 | 156 34 5 | .5 | 5 | .7 | -- | .3 | N | N | N | 200 |
| S1430M | 62 46 53 | 156 39 19 | .3 | 5 | 1 | -- | .5 | N | N | N | 200 |
| S1431M | 62 53 26 | 156 38 19 | .1 | 1.5 | .5 | 1 | .2 | N | N | N | 50 |
| S1434M | 62 36 18 | 157 3 22 | .2 | 2 | .7 | 1 | .2 | N | N | N | 30 |
| S1435M | 62 31 4 | 156 57 57 | 1 | 5 | 1 | -- | .2 | N | N | N | 100 |
| S1436M | 62 34 22 | 156 48 4 | .5 | 5 | .7 | -- | .3 | N | N | N | 200 |
| S1437M | 62 26 20 | 156 37 20 | .7 | 5 | 1.5 | 1.5 | .5 | N | N | N | 70 |
| S1438M | 62 31 17 | 156 31 51 | 1 | 2 | 1.5 | 1.5 | .5 | N | N | N | 70 |
| S1440M | 62 36 38 | 156 38 15 | .5 | 3 | 1.5 | 1.5 | .5 | N | N | N | 70 |
| S1444MD1 | 62 36 24 | 156 52 3 | .5 | 5 | 2 | 1.5 | .3 | N | N | N | 50 |
| S1445M | 62 35 45 | 156 58 7 | .5 | 5 | 1.5 | .7 | .5 | N | N | N | 100 |
| S1449MD1 | 62 41 40 | 156 54 17 | 1.5 | 7 | 5 | 1.5 | .3 | N | N | N | 50 |
| S1450M | 62 39 37 | 156 59 44 | 1 | 10 | 2 | 1 | .5 | N | N | N | 200 |
| S1451M | 62 17 41 | 156 20 41 | 1 | 2 | 2 | 1.5 | .7 | N | N | N | 100 |
| S1453M | 62 23 33 | 156 15 54 | 1 | 2 | 1.5 | 1 | .7 | N | N | N | 150 |
| S1454M | 62 19 59 | 156 10 39 | 1 | 5 | 2 | 1.5 | .7 | N | N | N | 150 |
| S1455M | 62 19 50 | 156 29 6 | .7 | 5 | 2 | 1 | .3 | N | N | N | 150 |
| S1457M | 62 10 17 | 156 16 4 | 1 | 7 | 2 | 1 | .7 | N | N | N | 50 |
| S1458M | 62 7 47 | 156 27 8 | .1 | 1 | .5 | .7 | .15 | N | N | N | 15 |
| S1459MD1 | 62 7 26 | 156 15 24 | .15 | 1.5 | .7 | 1.5 | .2 | N | N | N | 15 |
| S1460M | 62 3 7 | 156 29 13 | .1 | 1.5 | .7 | 1 | .2 | N | N | N | 15 |
| S1461MD1 | 62 5 46 | 156 19 31 | .15 | 2 | .7 | 1.5 | .5 | N | N | N | 20 |
| S1462M | 62 0 19 | 156 29 36 | .1 | 1.5 | .5 | .5 | .2 | N | N | N | 30 |
| S1463MD1 | 62 3 6 | 156 18 9 | 1 | 5 | 2 | 1 | .5 | N | N | N | 200 |
| S1464M | 62 48 54 | 157 15 30 | <.05 | 1 | .7 | 1 | .2 | N | N | N | 15 |
| S1465M | 62 46 59 | 157 25 46 | .07 | 1.5 | .7 | 1 | .3 | N | N | N | 20 |
| S1466M | 62 50 43 | 157 28 12 | <.05 | 1.5 | .5 | .7 | .3 | N | N | N | 15 |
| S1467M | 62 54 10 | 157 27 18 | .1 | 1.5 | 1 | 1 | .2 | N | N | N | 20 |
| S1469MD1 | 62 4 19 | 156 5 20 | .15 | 2 | 1 | 1.5 | .3 | N | N | N | 20 |
| S1470M | 62 7 58 | 156 10 35 | .15 | 1.5 | .7 | 1 | .3 | N | N | N | 20 |
| S1471M | 62 12 4 | 156 2 56 | .1 | 2 | .7 | 1.5 | .2 | N | N | N | 20 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ba-ppm SQS | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S1289M | 300 | N | N | N | <10 | 100 | 5 | 7 | N | N | 200 | N | N |
| S1400M | 200 | N | N | N | <10 | 50 | 5 | 10 | N | N | 50 | N | N |
| S1401M | 700 | 3 | N | N | 20 | 100 | 15 | -- | -- | 50 | 700 | N | <20 |
| S1402M | 500 | N | N | N | <10 | 30 | 5 | 7 | N | N | 150 | N | N |
| S1403M | 200 | N | N | N | <10 | 30 | 7 | 5 | N | N | 50 | N | N |
| S1404M | 500 | N | N | N | <10 | 150 | 7 | 15 | N | N | 150 | N | N |
| S1405M | 500 | N | N | N | <10 | 70 | 7 | 20 | N | N | 100 | N | N |
| S1406M | 500 | N | N | N | 10 | 50 | 7 | 10 | N | N | 200 | N | N |
| S1407M | 300 | N | N | N | <10 | 100 | 7 | 10 | N | N | 100 | N | N |
| S1408M | 500 | N | N | N | 10 | 50 | 10 | 7 | N | N | 200 | N | N |
| S1409M | 1,000 | 2 | N | N | 20 | 100 | 20 | -- | -- | 50 | 1,500 | N | <20 |
| S1410M | 300 | N | N | N | 10 | 30 | 7 | 7 | N | N | 200 | N | N |
| S1412M | 300 | N | N | N | 10 | 20 | 10 | 5 | N | N | 1,000 | N | N |
| S1413M | 700 | 3 | N | N | 20 | 50 | 20 | -- | -- | 50 | 700 | <5 | <20 |
| S1414M | 1,000 | 1.5 | N | N | 20 | 200 | 20 | -- | -- | 70 | 700 | N | <20 |
| S1415M | 300 | N | N | N | <10 | 70 | 7 | 10 | N | <50 | 100 | N | N |
| S1416M | 500 | 2 | N | N | 15 | 70 | 20 | -- | -- | 20 | 700 | N | N |
| S1417M | 200 | N | N | N | <10 | 30 | 5 | <5 | N | N | 150 | N | N |
| S1418M | 200 | N | N | N | <10 | 20 | 5 | <5 | N | N | 150 | N | N |
| S1419M | 500 | <1 | N | N | 15 | 150 | 20 | 15 | N | <50 | 500 | N | <20 |
| S1420MD1 | 700 | N | N | N | 15 | 150 | 10 | 10 | N | <50 | 200 | N | N |
| S1421M | 1,000 | 2 | N | N | 20 | 100 | 20 | -- | -- | 20 | 700 | N | <20 |
| S1422M | 500 | N | N | N | 10 | 70 | 10 | 10 | N | N | 150 | N | N |
| S1423MD1 | 500 | 1 | N | N | 10 | 30 | 20 | -- | -- | <20 | 700 | N | N |
| S1424M | 1,500 | <1 | N | N | 20 | 100 | 15 | 20 | N | N | 1,000 | N | <20 |
| S1425M | 1,000 | 1 | N | N | 20 | 500 | 20 | -- | -- | <20 | 500 | N | <20 |
| S1426MD1 | 300 | N | N | N | <10 | 30 | 10 | <5 | N | N | 150 | N | N |
| S1427M | 500 | N | N | N | 10 | 50 | 5 | 10 | N | N | 100 | N | N |
| S1428M | 200 | N | N | N | <10 | 30 | 10 | <5 | N | N | 70 | N | N |
| S1429MD1 | 700 | 2 | N | N | 20 | 150 | 20 | -- | -- | 20 | 300 | N | <20 |
| S1430M | 700 | 1 | N | N | 15 | 100 | 20 | -- | -- | <20 | 700 | N | N |
| S1431M | 300 | <1 | N | N | 10 | 100 | 7 | <5 | N | N | 300 | N | N |
| S1434M | 500 | N | N | N | 10 | 30 | 15 | 7 | N | N | 300 | N | N |
| S1435M | 1,000 | 2 | N | N | 20 | 50 | 200 | -- | -- | 20 | 1,000 | N | N |
| S1436M | 700 | 3 | N | N | 15 | 100 | 20 | -- | -- | 20 | 500 | N | N |
| S1437M | 1,500 | <1 | N | N | 15 | 100 | 15 | 50 | N | <50 | 2,000 | N | <20 |
| S1438M | 1,500 | <1 | N | N | 10 | 70 | 15 | 50 | N | <50 | 500 | N | <20 |
| S1440M | 1,000 | <1 | N | N | 15 | 70 | 10 | 30 | N | N | 500 | N | N |
| S1444MD1 | 700 | N | N | N | 10 | 70 | 10 | 50 | N | N | 300 | N | N |
| S1445M | 1,000 | N | N | N | 15 | 70 | 10 | 10 | N | N | 700 | N | N |
| S1449MD1 | 1,000 | N | N | N | 20 | 700 | 10 | 70 | N | N | 1,000 | N | N |
| S1450M | 2,000 | <1 | N | N | 20 | 500 | 15 | 30 | N | <50 | 2,000 | N | <20 |
| S1451M | 1,000 | N | N | N | 10 | 150 | 10 | 20 | N | 100 | 700 | N | <20 |
| S1453M | 1,000 | <1 | N | N | 15 | 100 | 15 | 30 | N | <50 | 500 | N | <20 |
| S1454M | 1,500 | <1 | N | N | 15 | 100 | 15 | 20 | N | N | 1,500 | N | <20 |
| S1455M | 1,000 | N | N | N | 10 | 100 | 15 | 50 | N | <50 | 1,000 | N | <20 |
| S1457M | 1,000 | 1 | N | N | 10 | 150 | 10 | 30 | N | 50 | 2,000 | N | <20 |
| S1458M | 200 | N | N | N | N | 15 | 5 | 5 | N | N | 100 | N | N |
| S1459MD1 | 300 | N | N | N | N | 70 | 7 | 10 | N | N | 150 | N | N |
| S1460M | 300 | N | N | N | <10 | 50 | 7 | 7 | N | N | 150 | N | N |
| S1461MD1 | 500 | N | N | N | <10 | 100 | 5 | 15 | N | N | 150 | N | N |
| S1462M | 500 | N | N | N | <10 | 20 | 7 | 5 | N | N | 100 | N | N |
| S1463MD1 | 1,000 | N | N | N | 10 | 100 | 10 | 15 | N | N | 1,000 | N | <20 |
| S1464M | 300 | N | N | N | <10 | 30 | 5 | 5 | N | N | 100 | N | N |
| S1465M | 700 | N | N | N | 10 | 30 | 7 | 10 | N | N | 150 | N | N |
| S1466M | 200 | N | N | N | N | 150 | <5 | <5 | N | N | 30 | N | N |
| S1467M | 500 | N | N | N | 10 | 500 | 5 | 7 | N | N | 100 | N | N |
| S1469MD1 | 500 | N | N | N | <10 | 30 | 7 | 10 | N | N | 150 | N | N |
| S1470M | 500 | N | N | N | <10 | 30 | 10 | 10 | N | N | 150 | N | N |
| S1471M | 300 | N | N | N | <10 | 50 | 5 | 10 | N | N | 100 | N | N |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ni-ppm SQS | Pb-ppm SQS | Sb-ppm SQS | Sc-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | Th-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S1289M | 20 | N | N | N | N | N | N | 70 | N | <10 | N | 100 | .45 |
| S1400M | 10 | <10 | N | N | N | N | N | 30 | N | N | N | 100 | 1.3 |
| S1401M | 30 | 15 | N | 20 | N | 150 | N | 150 | N | 50 | <200 | 300 | .9 |
| S1402M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 100 | .9 |
| S1403M | 15 | N | N | <5 | N | N | N | 50 | N | N | N | 100 | .7 |
| S1404M | 15 | <10 | N | <5 | N | N | N | 50 | N | <10 | N | 300 | .8 |
| S1405M | 15 | <10 | N | <5 | N | N | N | 70 | N | <10 | N | 150 | .75 |
| S1406M | 15 | <10 | N | <5 | N | N | N | 50 | N | N | N | 100 | .75 |
| S1407M | 15 | N | N | <5 | N | N | N | 70 | N | N | N | 150 | .8 |
| S1408M | 20 | <10 | N | <5 | N | N | N | 100 | N | N | N | 100 | .85 |
| S1409M | 30 | 20 | N | 15 | N | <100 | N | 150 | N | 30 | <200 | 200 | 1.1 |
| S1410M | 20 | N | N | <5 | N | N | N | 100 | N | N | N | 70 | .6 |
| S1412M | 10 | N | N | N | N | N | N | 50 | N | N | N | 50 | .7 |
| S1413M | 50 | 15 | N | 15 | N | 100 | N | 200 | N | 50 | <200 | 200 | .9 |
| S1414M | 50 | 10 | N | 15 | N | 150 | N | 200 | N | 50 | <200 | 700 | 1 |
| S1415M | 15 | N | N | <5 | N | N | N | 70 | N | N | N | 200 | .7 |
| S1416M | 30 | 10 | N | 10 | N | <100 | N | 100 | N | 30 | <200 | 200 | 1.1 |
| S1417M | 10 | N | N | N | N | N | N | 50 | N | N | N | 100 | .55 |
| S1418M | 15 | N | N | N | N | N | N | 50 | N | N | N | 50 | 1.2 |
| S1419M | 15 | <10 | N | 5 | N | <100 | N | 100 | N | <10 | N | 150 | 2.2 |
| S1420MD1 | 20 | <10 | N | 5 | N | N | N | 100 | N | <10 | N | 200 | .6 |
| S1421M | 50 | 10 | N | 20 | N | 100 | N | 200 | N | 30 | <200 | 200 | 1.1 |
| S1422M | 30 | N | N | <5 | N | N | N | 100 | N | <10 | N | 200 | 1.7 |
| S1423MD1 | 20 | 10 | N | 10 | N | <100 | N | 150 | N | 20 | <200 | 200 | .75 |
| S1424M | 30 | <10 | N | 10 | N | N | N | 150 | N | 15 | N | 200 | .9 |
| S1425M | 50 | 15 | N | 15 | N | <100 | N | 200 | N | 20 | <200 | 200 | .9 |
| S1426MD1 | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 70 | 1.8 |
| S1427M | 20 | N | N | <5 | N | N | N | 100 | N | N | N | 150 | .9 |
| S1428M | 20 | N | N | N | N | N | N | 70 | N | N | N | 50 | .9 |
| S1429MD1 | 50 | 10 | N | 15 | N | 100 | N | 150 | N | 30 | <200 | 200 | .9 |
| S1430M | 50 | 10 | N | 10 | N | N | N | 150 | N | 20 | <200 | 150 | 1.1 |
| S1431M | 15 | N | N | <5 | N | N | N | 70 | N | N | N | 50 | 1 |
| S1434M | 30 | N | N | <5 | N | N | N | 100 | N | N | N | 100 | 1.4 |
| S1435M | 50 | 50 | N | 20 | 15 | 200 | N | 150 | N | 50 | <200 | 150 | .8 |
| S1436M | 50 | 20 | N | 15 | N | <100 | N | 150 | N | 30 | <200 | 200 | .9 |
| S1437M | 20 | <10 | N | 10 | N | N | N | 150 | N | 20 | N | 150 | .8 |
| S1438M | 20 | <10 | N | 10 | N | N | N | 100 | N | 15 | N | 200 | .85 |
| S1440M | 15 | 10 | N | 7 | N | N | N | 150 | N | 10 | N | 100 | 1.2 |
| S1444MD1 | 20 | 10 | N | 7 | N | N | N | 100 | N | <10 | N | 150 | 1.3 |
| S1445M | 20 | N | N | 7 | N | N | N | 100 | N | <10 | N | 100 | 1 |
| S1449MD1 | 50 | <10 | N | 15 | N | N | N | 150 | 20 | 15 | N | 150 | 1.6 |
| S1450M | 30 | 10 | N | 15 | N | <100 | N | 150 | N | 15 | N | 200 | 2.5 |
| S1451M | 20 | N | N | 15 | N | N | N | 150 | N | 30 | N | 500 | 1.1 |
| S1453M | 20 | <10 | N | 7 | N | N | N | 100 | N | 15 | N | 200 | 1 |
| S1454M | 50 | N | N | 10 | N | <100 | N | 150 | 20 | 50 | N | 500 | 1.4 |
| S1455M | 30 | 15 | N | 10 | N | N | N | 100 | N | 10 | N | 300 | 1.3 |
| S1457M | 20 | <10 | N | 10 | N | N | N | 100 | N | 30 | N | 700 | .9 |
| S1458M | 10 | N | N | N | N | N | N | 50 | N | N | N | 500 | 1.1 |
| S1459MD1 | 15 | N | N | <5 | N | N | N | 50 | N | N | N | 200 | 1.1 |
| S1460M | 15 | <10 | N | N | N | N | N | 50 | N | N | N | 100 | 9.5 |
| S1461MD1 | 20 | N | N | 5 | N | N | N | 70 | N | <10 | N | 200 | 9.5 |
| S1462M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 150 | 7.3 |
| S1463MD1 | 20 | N | N | 7 | N | N | N | 100 | N | 20 | N | 300 | .9 |
| S1464M | 15 | N | N | N | N | N | N | 50 | N | N | N | 70 | 4.7 |
| S1465M | 20 | N | N | <5 | N | N | N | 100 | N | N | N | 150 | 6.7 |
| S1466M | 15 | N | N | N | N | N | N | 50 | N | N | N | 70 | .4 |
| S1467M | 30 | N | N | N | N | N | N | 50 | N | N | N | 100 | .85 |
| S1469MD1 | 15 | N | N | <5 | N | N | N | 70 | N | <10 | N | 150 | .8 |
| S1470M | 15 | <10 | N | <5 | N | N | N | 50 | N | N | N | 100 | .9 |
| S1471M | 15 | N | N | N | N | N | N | 70 | N | N | N | 150 | 3.9 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Ca-pct. SQS | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S1472M | 62 12 52 | 156 5 48 | .2 | 2 | 1 | 1.5 | .3 | N | N | N | 20 |
| S1473MD1 | 62 14 32 | 156 1 12 | .1 | 2 | .7 | 1 | .2 | N | N | N | 15 |
| S1474M | 62 15 44 | 156 5 49 | .2 | 3 | 1 | 1.5 | .5 | N | N | N | 30 |
| S1475M | 62 21 38 | 156 3 1 | .2 | 3 | 1 | 1.5 | .7 | N | N | N | 30 |
| S1477M | 62 28 9 | 156 1 18 | .15 | 1.5 | .7 | 1.5 | .5 | N | N | N | 20 |
| S1478M | 62 25 8 | 156 14 59 | .2 | 1.5 | .5 | .7 | .3 | N | N | N | 30 |
| S1479M | 62 1 49 | 158 54 10 | .1 | 2 | .3 | 1 | .5 | N | N | N | 20 |
| S1480M | 62 3 38 | 158 55 49 | .1 | 2 | .7 | 1 | .5 | N | N | N | 15 |
| S1481M | 62 41 52 | 157 11 49 | .15 | 5 | 1 | .7 | .5 | N | N | N | 50 |
| S1482M | 62 37 58 | 157 11 48 | .3 | 3 | 3 | 1 | .3 | N | N | N | 20 |
| S1483M | 62 43 16 | 157 5 18 | .3 | 3 | 2 | .7 | .2 | N | N | N | 70 |
| S1484M | 62 34 53 | 157 23 32 | .05 | 2 | .7 | .7 | .15 | N | N | N | 20 |
| S1485M | 62 33 27 | 157 17 8 | .3 | 3 | 3 | 1 | .2 | N | N | N | 10 |
| S1486M | 62 33 51 | 157 16 9 | .1 | 2 | .5 | 1 | .2 | N | N | N | 30 |
| S1487M | 62 32 8 | 157 10 28 | .07 | 2 | .7 | .7 | .2 | N | N | N | 30 |
| S1488M | 62 34 6 | 157 2 22 | .07 | 1.5 | .7 | .7 | .1 | N | N | N | 20 |
| S1489M | 62 30 48 | 157 2 39 | .1 | 2 | .5 | .7 | .15 | N | N | N | 30 |
| S1490M | 62 55 11 | 156 32 41 | .05 | 2 | .5 | 1 | .2 | N | N | N | 20 |
| S1491M | 62 55 57 | 156 40 30 | .1 | 1.5 | .5 | .3 | .15 | N | N | N | 50 |
| S1492M | 62 57 16 | 156 37 15 | .07 | 2 | .7 | 1 | .2 | N | N | N | 20 |
| S1493M | 62 34 18 | 157 30 31 | .15 | 2 | 1 | .7 | .2 | N | N | N | 15 |
| S1494M | 62 35 12 | 157 32 58 | .1 | 1.5 | .5 | 1 | .2 | N | N | N | 20 |
| S1495M | 62 31 37 | 157 48 48 | .07 | 1.5 | .3 | .3 | .3 | N | N | N | 20 |
| S1496M | 62 32 29 | 157 48 3 | .07 | 1.5 | .5 | .7 | .2 | N | N | N | 20 |
| S1497M | 62 29 52 | 157 47 48 | .07 | 2 | .7 | .7 | .5 | N | N | N | 50 |
| S1498M | 62 28 28 | 157 49 52 | .1 | 2 | .7 | .7 | .5 | N | N | N | 30 |
| S1499M | 62 26 33 | 156 55 55 | .15 | 1.5 | .7 | 1 | .3 | N | N | N | 70 |
| S1501M | 62 29 43 | 156 41 20 | 1 | 2 | 1.5 | 1 | .5 | N | N | N | 150 |
| S1505MD2 | 62 38 21 | 156 46 51 | 1 | 5 | 2 | 1.5 | .5 | N | N | N | 50 |
| S1507MD3 | 62 37 11 | 156 51 1 | .7 | 7 | 2 | 1.5 | .5 | N | N | N | 150 |
| S1507MD4 | 62 37 11 | 156 51 1 | .7 | 5 | 1.5 | 1.5 | .3 | N | N | N | 100 |
| S1509MD2 | 62 40 23 | 156 50 8 | .7 | 7 | 1.5 | 1.5 | .5 | N | N | N | 150 |
| S1509MD3 | 62 40 23 | 156 50 8 | 1 | 7 | 1.5 | 1 | .5 | N | N | N | 150 |
| S1509MD4 | 62 40 23 | 156 50 8 | .5 | 5 | 1 | 1 | .5 | N | N | N | 100 |
| S1511MD2 | 62 43 20 | 156 40 26 | .5 | 7 | 1.5 | 1.5 | .5 | N | N | N | 100 |
| S1512M | 62 44 8 | 156 51 59 | 1.5 | 7 | 5 | 1 | .5 | N | N | N | 70 |
| S1513M | 62 42 28 | 156 54 48 | 1.5 | 5 | 7 | 1.5 | .5 | N | N | N | 50 |
| S1514M | 62 16 3 | 156 30 52 | .15 | 2 | .7 | 1.5 | .3 | N | N | N | 20 |
| S1515M | 62 13 37 | 156 18 44 | .15 | 1.5 | .7 | 1.5 | .3 | N | N | N | 20 |
| S1516M | 62 8 26 | 156 24 38 | .2 | 3 | 1 | 1.5 | .7 | N | N | N | 50 |
| S1517MD2 | 62 9 12 | 156 17 15 | .7 | 5 | 2 | 1.5 | .7 | N | N | N | 70 |
| S1517MD3 | 62 9 13 | 156 17 16 | .2 | 2 | 1 | 1.5 | .5 | N | N | N | 20 |
| S1517MD4 | 62 9 13 | 156 17 16 | .2 | 3 | 1 | 1 | .5 | N | N | N | 20 |
| S1518M | 62 7 11 | 156 25 53 | 1 | 3 | 1.5 | 1 | .5 | N | N | N | 100 |
| S1519M | 62 2 3 | 156 22 18 | .5 | 3 | 1 | 1 | .5 | N | N | N | 70 |
| S1520MD2 | 62 3 56 | 156 19 19 | .2 | 2 | 1 | 1.5 | .5 | N | N | N | 20 |
| S1520MD3 | 62 3 58 | 156 19 20 | .15 | 1.5 | .5 | .7 | .2 | N | N | N | 30 |
| S1520MD4 | 62 3 58 | 156 19 20 | .15 | 2 | 1 | 1.5 | .3 | N | N | N | 15 |
| S1521M | 62 46 38 | 157 13 42 | .05 | 2 | .5 | .7 | .5 | N | N | N | 20 |
| S1522M | 62 45 47 | 157 17 49 | <.05 | 1 | .5 | 1 | .15 | N | N | N | 20 |
| S1523M | 62 48 18 | 157 28 42 | .1 | 3 | .7 | 1 | .3 | N | N | N | 20 |
| S1524M | 62 53 37 | 157 17 19 | .1 | 2 | .7 | 1 | .3 | N | N | N | 30 |
| S1525M | 62 16 41 | 156 8 23 | .15 | 3 | 1 | 1.5 | .5 | N | N | N | 20 |
| S1526M | 62 18 8 | 156 1 13 | .2 | 2 | 1 | 1.5 | .5 | N | N | N | 20 |
| S1527M | 62 25 19 | 156 4 22 | .15 | 2 | .7 | 1.5 | .5 | N | N | N | 30 |
| S1528M | 62 22 55 | 156 6 1 | .15 | 1.5 | .7 | 1 | .5 | N | N | N | 20 |
| S1529M | 62 29 32 | 156 13 58 | .15 | 1.5 | .5 | 1 | .3 | N | N | N | 20 |
| S1530M | 62 2 7 | 158 51 22 | .3 | 3 | 2 | .5 | .2 | N | N | N | 15 |
| S1531M | 62 5 47 | 158 49 21 | .05 | 1 | .3 | 1 | .2 | N | N | N | 10 |
| S1532M | 62 40 46 | 157 14 25 | .5 | 3 | 2 | 1 | .3 | N | N | N | 20 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ba-ppm SQS | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S1472M | 700 | N | N | N | <10 | 50 | 15 | 20 | N | N | 200 | N | N |
| S1473MD1 | 300 | N | N | N | <10 | 30 | 5 | 7 | N | N | 150 | N | N |
| S1474M | 700 | <1 | N | N | 15 | 100 | 10 | 20 | N | <50 | 200 | 5 | N |
| S1475M | 700 | N | N | N | 10 | 70 | 10 | 15 | N | <50 | 200 | N | <20 |
| S1477M | 300 | N | N | N | <10 | 150 | 7 | 10 | N | <50 | 200 | N | N |
| S1478M | 500 | N | N | N | <10 | 50 | 7 | 7 | N | N | 200 | N | N |
| S1479M | 500 | N | N | N | 10 | 30 | 5 | 15 | N | N | 150 | N | N |
| S1480M | 500 | N | N | N | 10 | 100 | 7 | 10 | N | N | 150 | N | N |
| S1481M | 700 | N | N | N | 15 | 300 | 15 | 10 | N | N | 700 | N | N |
| S1482M | 500 | N | N | N | 15 | 2,000 | 7 | 10 | N | N | 700 | N | N |
| S1483M | 500 | N | N | N | 30 | 1,500 | 10 | 7 | N | N | 200 | N | N |
| S1484M | 300 | N | N | N | 10 | 30 | 5 | <5 | N | N | 700 | N | N |
| S1485M | 500 | N | N | N | 20 | 1,500 | 10 | 10 | N | N | 500 | N | N |
| S1486M | 700 | N | N | N | 10 | 30 | 15 | 10 | N | N | 200 | N | N |
| S1487M | 700 | N | N | N | 15 | 30 | 10 | 7 | N | N | 150 | N | N |
| S1488M | 300 | N | N | N | <10 | 20 | 7 | 5 | N | N | 500 | N | N |
| S1489M | 500 | N | N | N | 10 | 30 | 15 | 10 | N | N | 150 | N | N |
| S1490M | 300 | N | N | N | 10 | 150 | 15 | 10 | N | N | 200 | N | N |
| S1491M | 300 | N | N | N | N | 20 | 7 | <5 | N | N | 200 | N | N |
| S1492M | 500 | N | N | N | 10 | 100 | 7 | 10 | N | N | 200 | N | N |
| S1493M | 300 | N | N | N | <10 | 50 | 10 | 7 | N | N | 200 | N | N |
| S1494M | 300 | N | N | N | <10 | 100 | 10 | 5 | N | N | 100 | N | N |
| S1495M | 300 | <1 | N | N | N | 20 | 5 | <5 | N | N | 150 | N | N |
| S1496M | 200 | N | N | N | <10 | 30 | 5 | 5 | N | N | 150 | N | N |
| S1497M | 500 | N | N | N | 10 | 50 | 10 | 10 | N | N | 100 | N | N |
| S1498M | 500 | N | N | N | <10 | 50 | 7 | 7 | N | N | 150 | N | N |
| S1499M | 500 | N | N | N | <10 | 20 | 7 | 5 | N | N | 200 | N | N |
| S1501M | 1,000 | <1 | N | N | 15 | 150 | 15 | 20 | N | <50 | 700 | N | <20 |
| S1505MD2 | 1,500 | <1 | N | N | 20 | 100 | 15 | 70 | N | <50 | 5,000 | N | <20 |
| S1507MD3 | 1,500 | <1 | N | N | 15 | 100 | 15 | 50 | N | N | 1,000 | N | <20 |
| S1507MD4 | 1,000 | <1 | N | N | 10 | 70 | 15 | 50 | N | N | 700 | N | <20 |
| S1509MD2 | 1,500 | <1 | N | N | 20 | 100 | 15 | 50 | N | <50 | 1,000 | N | N |
| S1509MD3 | 1,500 | <1 | N | N | 15 | 70 | 15 | 20 | N | N | 1,000 | N | <20 |
| S1509MD4 | 1,000 | N | N | N | 15 | 100 | 15 | 20 | N | N | 500 | N | N |
| S1511MD2 | 1,000 | <1 | N | N | 20 | 70 | 10 | 50 | N | N | 1,000 | N | N |
| S1512M | 1,500 | N | N | N | 20 | 700 | 15 | 30 | N | N | 1,000 | N | N |
| S1513M | 1,500 | <1 | N | N | 20 | 700 | 15 | 70 | N | N | 1,500 | N | N |
| S1514M | 500 | N | N | N | <10 | 50 | 7 | 20 | N | N | 150 | N | N |
| S1515M | 300 | N | N | N | <10 | 70 | 5 | 10 | N | N | 150 | N | N |
| S1516M | 500 | N | N | N | <10 | 150 | 10 | 15 | N | N | 200 | N | N |
| S1517MD2 | 700 | N | N | N | 10 | 100 | 10 | 20 | N | <50 | 500 | N | <20 |
| S1517MD3 | 700 | N | N | N | <10 | 150 | 10 | 15 | N | <50 | 200 | N | <20 |
| S1517MD4 | 500 | N | N | N | <10 | 100 | 10 | 10 | N | N | 200 | N | N |
| S1518M | 1,000 | <1 | N | N | 10 | 150 | 10 | 20 | N | N | 1,000 | N | <20 |
| S1519M | 700 | N | N | N | 10 | 100 | 10 | 15 | N | N | 300 | N | N |
| S1520MD2 | 500 | N | N | N | <10 | 70 | 7 | 20 | N | N | 500 | N | N |
| S1520MD3 | 300 | N | N | N | <10 | 20 | 5 | 7 | N | N | 200 | N | N |
| S1520MD4 | 500 | N | N | N | <10 | 30 | 5 | 7 | N | N | 500 | N | N |
| S1521M | 200 | N | N | N | 10 | 70 | 5 | 7 | N | N | 70 | N | N |
| S1522M | 300 | N | N | N | <10 | 30 | 5 | 10 | N | N | 70 | N | N |
| S1523M | 500 | N | N | N | 15 | 150 | 7 | 7 | N | N | 200 | N | N |
| S1524M | 700 | N | N | N | <10 | 70 | 7 | 10 | N | N | 150 | N | N |
| S1525M | 500 | N | N | N | 10 | 50 | 10 | 15 | N | N | 300 | N | N |
| S1526M | 500 | N | N | N | <10 | 30 | 10 | 15 | N | N | 200 | N | N |
| S1527M | 500 | N | N | N | <10 | 70 | 7 | 10 | N | N | 150 | N | N |
| S1528M | 300 | N | N | N | <10 | 70 | 5 | 10 | N | N | 150 | N | N |
| S1529M | 300 | <1 | N | N | <10 | 200 | 5 | 10 | N | N | 150 | N | N |
| S1530M | 500 | N | N | N | 15 | 700 | 7 | <5 | N | N | 500 | N | N |
| S1531M | 200 | N | N | N | N | 200 | <5 | 5 | N | N | 100 | N | N |
| S1532M | 700 | <1 | N | N | 15 | 1,000 | 15 | 10 | N | N | 1,000 | N | N |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ni-ppm SQS | Pb-ppm SQS | Sb-ppm SQS | Sc-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | Th-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S1472M | 20 | <10 | N | <5 | N | N | N | 100 | N | <10 | N | 300 | .75 |
| S1473MD1 | 15 | N | N | N | N | N | N | 50 | N | N | N | 70 | 3.9 |
| S1474M | 30 | N | N | 5 | N | N | N | 100 | N | <10 | N | 500 | 4.5 |
| S1475M | 20 | N | N | 5 | N | N | N | 100 | N | 10 | N | 300 | .7 |
| S1477M | 10 | <10 | N | <5 | N | N | N | 70 | N | <10 | N | 500 | 4.6 |
| S1478M | 20 | N | N | <5 | N | N | N | 70 | N | <10 | N | 200 | 4.5 |
| S1479M | 20 | <10 | N | <5 | N | N | N | 100 | N | N | N | 200 | .65 |
| S1480M | 20 | N | N | N | N | N | N | 70 | N | N | N | 150 | 8.7 |
| S1481M | 30 | N | N | 5 | N | N | N | 100 | N | N | N | 100 | .55 |
| S1482M | 70 | <10 | N | 5 | N | N | N | 100 | N | N | N | 70 | 1.8 |
| S1483M | 100 | N | N | 7 | N | N | N | 150 | N | N | N | 30 | 3.1 |
| S1484M | 20 | N | N | N | N | N | N | 50 | N | N | N | 70 | 10 |
| S1485M | 70 | <10 | N | 5 | N | N | N | 100 | N | N | N | 30 | 4.8 |
| S1486M | 20 | N | N | <5 | N | N | N | 100 | N | N | N | 100 | .7 |
| S1487M | 30 | N | N | <5 | N | N | N | 100 | N | N | N | 150 | 6.1 |
| S1488M | 15 | N | N | N | N | N | N | 70 | N | N | N | 30 | 1.1 |
| S1489M | 20 | N | N | <5 | N | N | N | 100 | N | N | N | 100 | 1.2 |
| S1490M | 30 | N | N | N | N | N | N | 100 | N | N | N | 70 | 1.8 |
| S1491M | 20 | N | N | N | N | N | N | 50 | N | N | N | 70 | .85 |
| S1492M | 30 | N | N | N | N | N | N | 100 | N | N | N | 70 | .75 |
| S1493M | 20 | N | N | <5 | N | N | N | 100 | N | N | N | 70 | 1.1 |
| S1494M | 30 | N | N | N | N | N | N | 70 | N | N | N | 70 | .9 |
| S1495M | 20 | N | N | N | N | N | N | 100 | N | N | N | 100 | .85 |
| S1496M | 20 | N | N | N | N | N | N | 70 | N | 15 | N | 70 | .85 |
| S1497M | 30 | N | N | <5 | N | N | N | 100 | N | N | N | 150 | 7.1 |
| S1498M | 30 | N | N | <5 | N | N | N | 70 | N | N | N | 100 | .75 |
| S1499M | 20 | N | N | N | N | N | N | 100 | N | N | N | 100 | 1.9 |
| S1501M | 30 | <10 | N | 10 | N | N | N | 150 | N | 20 | N | 300 | .9 |
| S1505MD2 | 20 | 10 | N | 15 | N | <100 | N | 150 | N | 15 | N | 150 | 1 |
| S1507MD3 | 30 | 10 | N | 10 | N | N | N | 150 | N | 10 | N | 200 | .9 |
| S1507MD4 | 20 | <10 | N | 7 | N | N | N | 100 | N | 10 | N | 100 | 1.2 |
| S1509MD2 | 30 | 10 | N | 10 | N | <100 | N | 200 | N | 20 | N | 150 | 1.1 |
| S1509MD3 | 30 | <10 | N | 7 | N | <100 | N | 200 | N | 20 | N | 200 | .9 |
| S1509MD4 | 20 | <10 | N | 7 | N | N | N | 100 | N | 10 | N | 150 | .9 |
| S1511MD2 | 20 | <10 | N | 7 | N | N | N | 150 | <20 | 15 | N | 150 | 1.1 |
| S1512M | 50 | 10 | N | 15 | N | <100 | N | 150 | N | 10 | N | 100 | 3.9 |
| S1513M | 50 | 10 | N | 15 | N | <100 | N | 200 | N | 20 | N | 100 | 2.6 |
| S1514M | 20 | N | N | <5 | N | N | N | 100 | N | N | N | 150 | .9 |
| S1515M | 10 | <10 | N | <5 | N | N | N | 50 | N | N | N | 200 | 5.3 |
| S1516M | 20 | N | N | 5 | N | N | N | 100 | N | <10 | N | 700 | .6 |
| S1517MD2 | 30 | <10 | N | 7 | N | N | N | 100 | N | 20 | N | 700 | .9 |
| S1517MD3 | 20 | N | N | <5 | N | N | N | 100 | N | <10 | N | 300 | .9 |
| S1517MD4 | 20 | N | N | 5 | N | N | N | 100 | N | <10 | N | 500 | 1 |
| S1518M | 30 | N | N | 10 | N | N | N | 150 | N | 15 | N | 300 | 1.4 |
| S1519M | 20 | N | N | 5 | N | N | N | 100 | N | 10 | N | 200 | 1.1 |
| S1520MD2 | 20 | N | N | <5 | N | N | N | 100 | N | <10 | N | 200 | 1.1 |
| S1520MD3 | 10 | N | N | <5 | N | N | N | 50 | N | N | N | 300 | 10 |
| S1520MD4 | 15 | N | N | <5 | N | N | N | 50 | N | N | N | 100 | 8.9 |
| S1521M | 20 | N | N | N | N | N | N | 70 | N | N | N | 100 | 8.6 |
| S1522M | 15 | N | N | N | N | N | N | 50 | N | N | N | 70 | 3.7 |
| S1523M | 30 | N | N | <5 | N | N | N | 100 | N | N | N | 100 | .7 |
| S1524M | 20 | N | N | <5 | N | N | N | 100 | N | N | N | 100 | .45 |
| S1525M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 100 | .9 |
| S1526M | 20 | <10 | N | <5 | N | N | N | 70 | N | N | N | 150 | 7.7 |
| S1527M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 200 | 4.1 |
| S1528M | 15 | N | N | <5 | N | N | N | 50 | N | N | N | 150 | 4.6 |
| S1529M | 20 | N | N | <5 | N | N | N | 100 | N | N | N | 500 | .7 |
| S1530M | 70 | N | N | 5 | N | N | N | 100 | N | N | N | 30 | 1.3 |
| S1531M | 10 | N | N | N | N | N | N | 50 | N | N | N | 50 | 1 |
| S1532M | 50 | <10 | N | 7 | N | N | N | 100 | N | <10 | N | 70 | .8 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Latitude | Longitude | Ca-pct. SQS | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S1533M | 62 38 24 | 157 17 10 | .1 | 1 | 1 | .5 | .1 | N | N | N | 10 |
| S1534M | 62 40 25 | 157 7 22 | .2 | 2 | 2 | .7 | .2 | N | N | N | 15 |
| S1535M | 62 35 40 | 157 22 0 | .5 | 3 | 1.5 | 1 | .2 | N | N | N | 10 |
| S1536M | 62 31 38 | 157 20 48 | .5 | 5 | 2 | 1 | .5 | N | N | N | 20 |
| S1537M | 62 33 13 | 157 15 56 | .15 | 2 | .5 | .3 | .2 | N | N | N | 50 |
| S1539M | 62 32 53 | 157 8 49 | .05 | 1.5 | .7 | .7 | .15 | N | N | N | 20 |
| S1540M | 62 32 31 | 157 3 0 | .1 | 1.5 | .5 | 1 | .15 | N | N | N | 20 |
| S1541M | 62 50 18 | 156 34 8 | .07 | 2 | .7 | .7 | .2 | N | N | N | 30 |
| S1542M | 62 51 59 | 156 38 59 | .15 | 3 | 1 | 1 | .3 | N | N | N | 20 |
| S1543MD2 | 62 56 32 | 156 43 17 | .3 | 2 | .7 | 1 | .3 | N | N | N | 50 |
| S1543MD3 | 62 56 32 | 156 43 17 | .2 | 2 | .7 | 1 | .2 | N | N | N | 30 |
| S1543MD4 | 62 56 32 | 156 43 17 | .15 | 1.5 | .7 | 1.5 | .2 | N | N | N | 20 |
| S1545M | 62 58 56 | 156 37 8 | .15 | 2 | 1 | 1 | .3 | N | N | N | 30 |
| S1546M | 62 35 22 | 157 32 8 | .2 | 2 | .7 | 1 | .3 | N | N | N | 30 |
| S1547M | 62 36 3 | 157 31 46 | .15 | 2 | .7 | 1 | .5 | N | N | N | 15 |
| S1548M | 62 31 33 | 157 49 38 | .1 | 2 | .5 | 1 | .2 | N | N | N | 15 |
| S1549M | 62 31 55 | 157 50 11 | .05 | 1.5 | .5 | 1 | .15 | N | N | N | 10 |
| S1551M | 62 29 42 | 157 46 30 | .1 | 2 | .7 | .7 | .5 | N | N | N | 30 |
| S1552M | 62 28 5 | 156 58 50 | .15 | 2 | .7 | .7 | .3 | N | N | N | 50 |
| S1553M | 62 28 7 | 156 58 43 | .07 | 1 | .5 | .5 | .15 | N | N | N | 20 |
| S1554M | 62 26 8 | 157 1 48 | .2 | 1 | .3 | .2 | .1 | N | N | N | 30 |
| S1555M | 62 24 8 | 157 1 31 | .2 | 2 | .7 | 1 | .3 | N | N | N | 50 |
| S1556M | 62 16 39 | 156 48 19 | .15 | 2 | 1 | 1 | .5 | N | N | N | 20 |
| S1557M | 62 17 57 | 156 51 17 | .2 | 2 | .7 | 1 | .2 | N | N | N | 30 |
| S1558M | 62 18 46 | 156 49 42 | .2 | 2 | 1 | 1.5 | .5 | N | N | N | 20 |
| S1559M | 62 18 8 | 156 42 3 | .1 | 1 | .5 | 1.5 | .1 | .5 | N | N | 200 |
| S1560M | 62 9 41 | 157 39 32 | .2 | 1.5 | .3 | .7 | .2 | N | N | N | 20 |
| S1561M | 62 10 14 | 157 44 20 | .15 | 2 | .7 | 1 | .2 | N | N | N | 30 |
| S1562M | 62 43 19 | 156 6 47 | .2 | 3 | .7 | 2 | .5 | N | N | N | 20 |
| S1563M | 62 43 17 | 156 6 50 | .3 | 2 | 1 | 1.5 | .7 | N | N | N | 70 |
| S1564M | 62 47 4 | 156 0 2 | .2 | 2 | 1 | 1.5 | .3 | N | N | N | 20 |
| S1565M | 62 53 16 | 156 15 18 | .7 | 5 | 2 | 1 | 1 | N | N | N | 10 |
| S1566M | 62 53 27 | 156 4 57 | .15 | 2 | 1 | 1.5 | .3 | N | N | N | 20 |
| S1567M | 62 39 56 | 156 10 35 | .15 | 1.5 | 1 | 1.5 | .5 | N | N | N | 20 |
| S1568M | 62 39 8 | 157 3 51 | .2 | 1.5 | .7 | .7 | .15 | N | N | N | 15 |
| S1569M | 62 36 52 | 157 4 6 | .1 | 2 | .7 | .7 | .2 | N | N | N | 30 |
| S1570M | 62 28 23 | 157 52 1 | .07 | 2 | .5 | .7 | .3 | N | N | N | 20 |
| S1571M | 62 24 12 | 157 53 35 | .15 | 3 | 1 | 1 | .5 | N | N | N | 20 |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ba-ppm SQS | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S1533M | 200 | N | N | N | 10 | 1,000 | 5 | <5 | N | N | 70 | N | N |
| S1534M | 300 | N | N | N | 15 | 1,500 | 5 | <5 | N | N | 300 | N | N |
| S1535M | 700 | N | N | N | 15 | 300 | 10 | 10 | N | N | 1,500 | N | N |
| S1536M | 700 | N | N | N | 15 | 500 | 7 | 15 | N | N | 700 | N | N |
| S1537M | 1,000 | N | N | N | 10 | 30 | 15 | 7 | N | N | 700 | N | N |
| S1539M | 500 | N | N | N | <10 | 30 | 7 | <5 | N | N | 150 | N | N |
| S1540M | 300 | N | N | N | <10 | 20 | 7 | <5 | N | N | 100 | N | N |
| S1541M | 500 | N | N | N | <10 | 100 | 10 | 5 | N | N | 100 | N | N |
| S1542M | 500 | N | N | N | 10 | 50 | 15 | 10 | N | N | 500 | N | N |
| S1543MD2 | 500 | N | N | N | 10 | 20 | 5 | 5 | N | N | 500 | N | N |
| S1543MD3 | 300 | <1 | N | N | 10 | 20 | 7 | 7 | N | N | 300 | N | N |
| S1543MD4 | 500 | N | N | N | 10 | 30 | <5 | 15 | N | N | 300 | N | N |
| S1545M | 700 | N | N | N | 10 | 50 | 10 | 10 | N | N | 500 | N | N |
| S1546M | 500 | N | N | N | <10 | 50 | 7 | 7 | N | N | 200 | N | N |
| S1547M | 300 | N | N | N | 10 | 150 | 5 | 7 | N | N | 300 | N | N |
| S1548M | 200 | N | N | N | N | 70 | 7 | 7 | N | N | 100 | N | N |
| S1549M | 200 | N | N | N | 10 | 150 | 5 | 7 | N | N | 200 | N | N |
| S1551M | 700 | N | N | N | <10 | 200 | 10 | 10 | N | N | 150 | N | N |
| S1552M | 700 | N | N | N | 10 | 30 | 10 | 7 | N | N | 500 | N | N |
| S1553M | 300 | N | N | N | N | 20 | 5 | <5 | N | N | 70 | N | N |
| S1554M | 200 | <1 | N | N | <10 | 10 | 7 | <5 | N | N | 100 | N | N |
| S1555M | 700 | N | N | N | 15 | 30 | 20 | 10 | N | N | 500 | N | N |
| S1556M | 300 | N | N | N | <10 | 50 | 7 | 7 | N | N | 200 | N | N |
| S1557M | 300 | N | N | N | <10 | 50 | 7 | 10 | N | N | 150 | N | N |
| S1558M | 500 | N | N | N | 10 | 70 | 5 | 10 | N | N | 300 | N | N |
| S1559M | 1,500 | N | N | N | N | 15 | <5 | 20 | N | N | 150 | N | N |
| S1560M | 500 | N | N | N | N | 15 | 10 | <5 | N | N | 500 | N | N |
| S1561M | 500 | N | N | N | <10 | 50 | 7 | 7 | N | N | 200 | N | N |
| S1562M | 700 | N | N | N | <10 | 50 | 7 | 20 | N | N | 200 | N | N |
| S1563M | 700 | N | N | N | 10 | 100 | 10 | 20 | N | <50 | 200 | N | N |
| S1564M | 300 | N | N | N | <10 | 50 | 5 | 10 | N | N | 200 | N | N |
| S1565M | 300 | <1 | N | N | 15 | 200 | 15 | 15 | N | N | 1,000 | <5 | N |
| S1566M | 500 | N | N | N | 15 | 70 | 5 | 5 | N | N | 200 | N | N |
| S1567M | 500 | N | N | N | <10 | 70 | 5 | 7 | N | <50 | 200 | N | N |
| S1568M | 500 | N | N | N | <10 | 500 | <5 | <5 | N | N | 200 | N | N |
| S1569M | 700 | N | N | N | <10 | 20 | 15 | 7 | N | N | 500 | N | N |
| S1570M | 500 | N | N | N | 10 | 70 | 7 | 10 | N | N | 150 | N | N |
| S1571M | 500 | N | N | N | 15 | 200 | 7 | 10 | N | N | 150 | N | N |

Table 4. Results of analyses of moss-sediment samples collected from the Iditarod quadrangle, Alaska--Continued

| Sample | Ni-ppm SQS | Pb-ppm SQS | Sb-ppm SQS | Sc-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | Th-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | U-ppm Inst. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S1533M | 30 | N | N | N | N | N | N | 50 | N | N | N | 20 | 2.4 |
| S1534M | 70 | N | N | 5 | N | N | N | 50 | N | N | N | 30 | 6.1 |
| S1535M | 50 | <10 | N | 5 | N | N | N | 100 | N | N | N | 50 | 7.8 |
| S1536M | 50 | <10 | N | 7 | N | N | N | 100 | N | N | N | 100 | 1.7 |
| S1537M | 20 | <10 | N | <5 | N | N | N | 100 | N | N | N | 100 | 5.6 |
| S1539M | 20 | N | N | N | N | N | N | 50 | N | N | N | 70 | 1.4 |
| S1540M | 15 | N | N | N | N | N | N | 50 | N | N | N | 70 | 12 |
| S1541M | 20 | N | N | N | N | N | N | 70 | N | N | N | 100 | .55 |
| S1542M | 30 | N | N | <5 | N | N | N | 100 | N | N | N | 70 | .8 |
| S1543MD2 | 15 | <10 | N | <5 | N | N | N | 70 | N | N | N | 100 | 1.9 |
| S1543MD3 | 15 | <10 | N | <5 | N | N | N | 70 | N | N | N | 70 | 1.3 |
| S1543MD4 | 20 | 10 | N | N | N | N | N | 50 | N | N | N | 50 | 2.1 |
| S1545M | 20 | N | N | 5 | N | N | N | 100 | N | N | N | 100 | .8 |
| S1546M | 20 | N | N | <5 | N | N | N | 100 | N | N | N | 70 | .75 |
| S1547M | 30 | N | N | N | N | N | N | 100 | N | N | N | 100 | .35 |
| S1548M | 20 | N | N | N | N | N | N | 70 | N | 10 | N | 70 | 1.7 |
| S1549M | 20 | N | N | N | N | N | N | 50 | N | N | N | 20 | 1.4 |
| S1551M | 50 | N | N | <5 | N | N | N | 100 | N | N | N | 150 | .75 |
| S1552M | 30 | N | N | N | N | N | N | 100 | N | N | N | 200 | .9 |
| S1553M | 20 | N | N | N | N | N | N | 50 | N | N | N | 70 | 1.1 |
| S1554M | 10 | N | N | N | 10 | N | N | 50 | N | N | N | 30 | 1.2 |
| S1555M | 30 | N | N | <5 | N | N | N | 100 | N | <10 | N | 100 | 2.7 |
| S1556M | 20 | N | N | <5 | N | N | N | 100 | N | <10 | N | 150 | .6 |
| S1557M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 70 | .65 |
| S1558M | 30 | N | N | <5 | N | N | N | 100 | N | <10 | N | 150 | .65 |
| S1559M | 10 | 15 | N | N | N | N | N | 30 | N | N | N | 100 | 6.7 |
| S1560M | 20 | N | N | N | N | N | N | 100 | N | N | N | 150 | 1.3 |
| S1561M | 30 | N | N | N | N | N | N | 100 | N | N | N | 150 | .8 |
| S1562M | 20 | N | N | <5 | N | N | N | 70 | N | <10 | N | 300 | .9 |
| S1563M | 20 | <10 | N | 5 | N | N | N | 100 | N | <10 | N | 500 | .9 |
| S1564M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 200 | .6 |
| S1565M | 10 | N | N | 10 | N | <100 | N | 200 | N | 10 | N | 1,000 | 2.5 |
| S1566M | 20 | N | N | <5 | N | N | N | 70 | N | N | N | 100 | .7 |
| S1567M | 20 | N | N | N | N | N | N | 70 | N | <10 | N | 200 | .7 |
| S1568M | 30 | N | N | N | N | N | N | 70 | N | N | N | 50 | 5.2 |
| S1569M | 30 | <10 | N | <5 | N | N | N | 100 | N | N | N | 70 | .9 |
| S1570M | 30 | N | N | N | N | N | N | 100 | N | N | N | 100 | .8 |
| S1571M | 50 | N | N | <5 | N | N | N | 100 | N | N | N | 200 | .55 |

**Table 5.** Results of analyses of willow samples, ash-weight basis, collected from the Iditarod quadrangle, Alaska.
[N, not detected; <, detected but below the limit of determination shown; >, determined to be greater than the value shown. SQS, semiquantitative spectrographic analysis; inst., instrumental UV-fluorescence analysis; pct., percent; ppm, parts per million.]

| Sample | Latitude | Longitude | Fe-pct. SQS | Mg-pct. SQS | Na-pct. SQS | Ti-pct. SQS | Ag-ppm SQS | As-ppm SQS | Au-ppm SQS | B-ppm SQS | Ba-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| I0171TD2 | 62 24 8 | 157 26 15 | .7 | 10 | .2 | .1 | .2 | N | N | 700 | 1,000 |
| I0171TD3 | 62 24 8 | 157 26 15 | 2 | 10 | .15 | .05 | .1 | N | N | 1,000 | 1,000 |
| I0172T | 62 25 4 | 157 28 2 | .7 | 5 | .1 | .02 | N | N | N | 500 | 1,000 |
| I0174T | 62 29 39 | 157 27 47 | .2 | 10 | .05 | <.001 | N | N | N | 500 | 500 |
| I0175T | 62 28 13 | 157 32 38 | .5 | 10 | .03 | .01 | N | N | N | 500 | 1,000 |
| I0181T | 62 38 47 | 157 37 5 | .1 | 10 | .15 | .001 | N | N | N | 500 | 700 |
| I0182T | 62 37 18 | 157 36 8 | .2 | 7 | .15 | .001 | N | N | N | 500 | 700 |
| I0183T | 62 35 31 | 157 36 55 | .5 | 10 | .1 | .005 | N | N | N | 500 | 500 |
| I0184T | 62 35 50 | 157 34 28 | 1 | 10 | .1 | .01 | N | N | N | 500 | 500 |
| I0185T | 62 34 9 | 157 35 42 | .2 | 10 | .1 | .001 | N | N | N | 500 | 700 |
| I0186T | 62 32 55 | 157 31 5 | .2 | 10 | .15 | .005 | N | N | N | 200 | 500 |
| I0187T | 62 32 51 | 157 31 0 | .2 | >10 | .15 | .002 | N | N | N | 500 | 1,000 |
| I0188T | 62 31 26 | 157 35 1 | .2 | 10 | .07 | .02 | N | N | N | 500 | 1,000 |
| I0189T | 62 30 21 | 157 34 45 | .1 | >10 | .05 | .005 | N | N | N | 500 | 100 |
| I0190T | 62 33 56 | 157 28 29 | .5 | 10 | .1 | .05 | N | N | N | 700 | 1,000 |
| I0191T | 62 32 36 | 157 23 10 | .2 | 10 | .5 | .2 | N | N | N | 500 | 500 |
| I0192T | 62 31 58 | 157 24 22 | .2 | 5 | .1 | .01 | N | N | N | 500 | 500 |
| I0193T | 62 34 55 | 157 22 10 | .2 | 5 | .2 | .15 | N | N | N | 500 | 500 |
| I0194T | 62 35 48 | 157 26 26 | .2 | 10 | .03 | .02 | N | N | N | 500 | 700 |
| I0195T | 62 37 1 | 157 22 27 | .2 | 10 | .2 | .001 | N | N | N | 500 | 200 |
| I0196T | 62 36 28 | 157 20 11 | .3 | 10 | .2 | .02 | N | N | N | 700 | 1,000 |
| I0364T | 62 56 50 | 157 39 11 | .7 | >10 | .05 | .05 | N | N | N | 500 | 700 |
| I0365T | 62 58 46 | 157 37 2 | .2 | >10 | 2 | .005 | N | N | N | 500 | 200 |
| I0366T | 62 59 2 | 157 40 58 | 1 | 10 | .1 | .1 | .5 | N | N | 700 | 1,000 |
| I0367T | 62 56 21 | 157 43 51 | 2 | >10 | .5 | .1 | N | N | N | >1,000 | 700 |
| I0368T | 62 54 6 | 157 44 25 | 1 | 10 | .1 | .2 | .1 | N | N | 300 | 700 |
| I0369T | 62 54 4 | 157 44 32 | .5 | 10 | .05 | .01 | .2 | N | N | 500 | 1,000 |
| I0372T | 62 52 50 | 157 31 30 | .2 | 10 | .05 | .01 | N | N | N | 500 | 1,000 |
| I0373T | 62 28 6 | 157 57 25 | .5 | 10 | .15 | .002 | N | N | N | 500 | 500 |
| I0374T | 62 26 1 | 157 56 21 | .2 | >10 | .05 | .07 | N | N | N | 500 | 700 |
| I0377T | 62 41 48 | 157 38 44 | .1 | >10 | .1 | .001 | N | N | N | 200 | 700 |
| I0378T | 62 42 41 | 157 32 51 | .5 | 10 | .3 | .05 | N | N | N | 200 | 1,000 |
| I0379T | 62 40 56 | 157 32 11 | .2 | 10 | .1 | .005 | N | N | N | 500 | 1,000 |
| I0380T | 62 39 47 | 157 33 32 | .5 | 10 | .15 | .005 | N | N | N | 200 | 1,000 |
| I0612T | 62 28 18 | 158 0 48 | 5 | 5 | .15 | .15 | <.1 | N | N | 700 | 1,000 |

Table 5. Results of analyses of willow samples, ash-weight basis, collected from the Iditarod quadrangle--Continued

| Sample | Be-ppm SQS | Bi-ppm SQS | Cd-ppm SQS | Co-ppm SQS | Cr-ppm SQS | Cu-ppm SQS | Ga-ppm SQS | Ge-ppm SQS | La-ppm SQS | Mn-ppm SQS | Mo-ppm SQS | Nb-ppm SQS | Ni-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0171TD2 | 1 | N | 20 | 150 | 7 | 100 | 2 | N | N | >10,000 | 20 | N | 150 |
| I0171TD3 | 1 | N | 5 | 200 | <5 | 100 | 2 | N | N | >10,000 | 50 | N | 200 |
| I0172T | N | <1 | 30 | 20 | 5 | 100 | <2 | N | N | 10,000 | 50 | N | 15 |
| I0174T | N | N | 30 | 10 | 5 | 200 | N | N | N | >10,000 | 10 | N | 50 |
| I0175T | N | N | 5 | 5 | <5 | 500 | <2 | N | N | 1,500 | 20 | N | 50 |
| I0181T | N | N | 50 | 70 | 5 | 100 | N | N | N | 10,000 | 7 | N | 100 |
| I0182T | N | N | 20 | 50 | 5 | 100 | N | N | N | 10,000 | 7 | N | 20 |
| I0183T | N | N | 10 | 20 | <5 | 150 | N | N | N | 10,000 | 10 | N | 20 |
| I0184T | N | N | 10 | 70 | 5 | 300 | N | N | N | 10,000 | 30 | N | 20 |
| I0185T | N | N | 50 | 100 | 5 | 300 | N | N | N | >10,000 | 10 | N | 30 |
| I0186T | N | N | 20 | <5 | 5 | 200 | N | N | N | 1,500 | 5 | N | 15 |
| I0187T | N | N | 10 | 5 | 5 | 100 | N | N | N | 5,000 | 10 | N | 15 |
| I0188T | N | N | 50 | 10 | 5 | 150 | <2 | N | N | 7,000 | 20 | N | 50 |
| I0189T | N | N | 5 | <5 | 5 | 300 | N | N | N | 1,500 | 15 | N | 50 |
| I0190T | N | N | 50 | 20 | 5 | 200 | <2 | N | N | 10,000 | 10 | N | 20 |
| I0191T | N | N | 70 | 100 | 10 | 150 | <2 | N | N | >10,000 | 10 | N | 150 |
| I0192T | N | <1 | 20 | 15 | 5 | 100 | N | N | N | 10,000 | 10 | N | 20 |
| I0193T | N | N | 20 | 50 | 20 | 70 | N | N | N | 10,000 | 30 | N | 15 |
| I0194T | N | <1 | 20 | 70 | <5 | 100 | N | N | N | 10,000 | 50 | N | 20 |
| I0195T | N | N | 10 | 50 | <5 | 70 | N | N | N | 10,000 | 20 | N | 15 |
| I0196T | N | N | 50 | 200 | 5 | 300 | N | N | N | >10,000 | 30 | N | 200 |
| I0364T | N | N | 20 | 20 | 5 | 200 | <2 | N | N | 7,000 | 10 | N | 20 |
| I0365T | N | N | 10 | 200 | <5 | 200 | <2 | N | N | 10,000 | 30 | N | 100 |
| I0366T | <1 | <10 | 5 | 50 | 5 | 500 | <2 | N | N | 10,000 | 20 | N | 200 |
| I0367T | N | 1 | 50 | 50 | 20 | 1,000 | <2 | N | N | 10,000 | 50 | N | 100 |
| I0368T | N | N | 20 | 20 | 10 | 500 | <2 | N | N | 10,000 | 20 | N | 70 |
| I0369T | <.5 | <1 | <1 | 50 | <5 | 700 | <2 | N | N | 10,000 | 10 | N | 150 |
| I0372T | N | N | 7 | 20 | 5 | 500 | N | N | N | 7,000 | 10 | N | 500 |
| I0373T | N | N | 30 | 50 | 5 | 100 | <2 | N | N | 10,000 | 15 | N | 100 |
| I0374T | <.5 | N | 70 | 20 | <5 | 100 | <2 | N | N | 7,000 | 20 | N | 150 |
| I0377T | N | N | 30 | 15 | 5 | 200 | N | N | N | 10,000 | 7 | N | 100 |
| I0378T | N | <1 | 100 | 150 | 7 | 150 | <2 | N | N | 7,000 | 20 | N | 50 |
| I0379T | N | N | 150 | 100 | <5 | 150 | N | N | N | 10,000 | 15 | N | 30 |
| I0380T | N | N | 100 | 15 | <5 | 200 | N | N | N | 7,000 | 10 | N | 50 |
| I0612T | 1 | N | N | 20 | 100 | 100 | 5 | N | N | 3,000 | 10 | N | 70 |

Table 5. Results of analyses of willow samples, ash-weight basis, collected from the Iditarod quadrangle--Continued

| Sample | Pb-ppm SQS | Sb-ppm SQS | Sn-ppm SQS | Sr-ppm SQS | V-ppm SQS | W-ppm SQS | Y-ppm SQS | Zn-ppm SQS | Zr-ppm SQS | In-ppm SQS | Li-ppm SQS | Tl-ppm SQS | U-ppm SQS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I0171TD2 | 10 | N | N | 1,000 | 50 | N | N | 7,000 | 10 | N | N | N | .9 |
| I0171TD3 | <10 | N | N | 1,000 | 50 | N | <10 | 2,000 | 20 | N | N | N | -- |
| I0172T | 10 | N | N | 2,000 | 20 | N | N | 1,500 | <10 | N | N | N | .65 |
| I0174T | <10 | N | N | 700 | 20 | N | N | 7,000 | <10 | N | N | N | .4 |
| I0175T | 10 | N | N | 1,000 | 20 | N | N | 5,000 | <10 | N | N | N | .45 |
| I0181T | 10 | N | N | 700 | 20 | N | N | 3,000 | <10 | N | N | N | .55 |
| I0182T | <10 | N | N | 1,000 | 30 | N | N | 2,000 | N | N | N | N | N |
| I0183T | <10 | N | N | 1,000 | 20 | N | N | 5,000 | <10 | N | N | N | -- |
| I0184T | 10 | N | N | 1,000 | 30 | N | N | 7,000 | <10 | N | N | N | N |
| I0185T | <10 | N | N | 700 | 50 | N | N | 10,000 | <10 | N | N | N | <.45 |
| I0186T | 10 | N | N | 700 | 20 | N | N | 2,000 | N | N | N | N | -- |
| I0187T | <10 | N | N | 2,000 | 30 | N | N | 3,000 | N | N | N | N | <.35 |
| I0188T | 10 | N | N | 1,000 | 30 | N | N | 5,000 | 50 | N | N | N | .6 |
| I0189T | <10 | N | N | 5,000 | 50 | N | N | 3,000 | <10 | N | N | N | N |
| I0190T | 50 | N | N | 2,000 | 50 | N | N | 7,000 | <10 | N | N | N | 1.1 |
| I0191T | 200 | N | N | 1,000 | 30 | N | N | 5,000 | <10 | N | N | N | .4 |
| I0192T | 10 | N | N | 1,000 | 30 | N | N | 2,000 | <10 | N | N | N | 1.1 |
| I0193T | 200 | N | N | 1,500 | 20 | N | N | 2,000 | 200 | N | N | N | <.4 |
| I0194T | 50 | N | N | 1,500 | 30 | N | N | 7,000 | <10 | N | N | N | -- |
| I0195T | 10 | N | N | 1,000 | 20 | N | N | 2,000 | N | N | N | N | N |
| I0196T | 10 | N | N | 1,500 | 30 | N | N | 2,000 | <10 | N | N | N | -- |
| I0364T | 10 | N | N | 1,000 | 30 | N | N | 7,000 | <10 | N | N | N | -- |
| I0365T | <10 | N | N | 500 | 20 | N | N | 5,000 | <10 | N | N | N | .35 |
| I0366T | 100 | N | N | 1,000 | 30 | N | N | 2,000 | 100 | N | N | N | .85 |
| I0367T | 20 | N | N | 1,000 | 200 | N | N | 2,000 | <10 | N | N | N | .2 |
| I0368T | 100 | N | N | 1,000 | 50 | N | N | 5,000 | 10 | N | N | N | .4 |
| I0369T | <10 | N | N | 1,500 | 30 | N | N | 1,500 | <10 | N | N | N | -- |
| I0372T | 70 | N | N | 500 | 50 | N | N | 5,000 | N | N | N | N | 1.2 |
| I0373T | <10 | N | N | 1,000 | 30 | N | N | 2,000 | <10 | N | N | N | -- |
| I0374T | 10 | N | N | 1,500 | 30 | N | N | 5,000 | 20 | N | N | N | .8 |
| I0377T | <10 | N | N | 1,000 | 50 | N | N | 2,000 | <10 | N | N | N | N |
| I0378T | 15 | N | N | 700 | 30 | N | N | 2,000 | 5 | N | N | N | 1 |
| I0379T | <10 | N | N | 1,000 | 30 | N | N | 7,000 | <10 | N | N | N | -- |
| I0380T | <10 | N | N | 1,000 | 30 | N | N | 7,000 | <10 | N | N | N | 1 |
| I0612T | 15 | N | N | 100 | 150 | N | 10 | 500 | 70 | 2 | N | N | 2.2 |