UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Analytical results and sample locality maps of stream-sediment, heavy-mineral-concentrate, pebble, and rock samples from the Wiseman quadrangle, Alaska

By

Richard M. O'Leary, James D. Hoffman,
Stephen J. Sutley, and Judy S. Lewis

Open-File Report 84-161-A

1984

CONTENTS

TABLES

ILLUSTRATIONS

STUDIES RELATED TO AMRAP

The U.S. Geological Survey, is required by the Alaskan Native Lands Act to survey certain Federal lands to determine their mineral resource potential. Results from the Alaskan Mineral Resource Appraisal Program (AMRAP) must be made available to the public and be submitted to the President and the Congress. This report presents analytical results of a geochemical survey of the Wiseman quadrangle, Alaska. This report is the first publication belonging to the series of geochemical maps (having the same Open-File number) concerning the Wiseman quadrangle, Alaska.

INTRODUCTION

Under the direction of John B. Cathrall, a reconnaissance geochemical survey of the Wiseman quadrangle, Alaska was conducted in June and July of 1981 and 1982.

A previous geochemical study was conducted in 1977-1979 by the Alaska Division of Geological and Geophysical Survey (DGGS) and was reported by Dillon, Cathrall, and Moorman (1981) and Dillon, Moorman, and Lueck (1981). Most of the samples collected were analyzed by the USGS Branch of Exploration Geochemistry's laboratories. The locations and our analytical results of those samples are included in this report.

The Wiseman quadrangle comprises about 5810 mi^2 (15,041 km^2) in the Brooks Range of northern Alaska, and lies about 180 mi (290 km) north-northwest of Fairbanks, Alaska. Access to the study area from the south is by the Dalton highway or by aircraft charter from Fairbanks, and from the north by Dalton highway or aircraft charter from Prudhoe Bay. Access in the Wiseman quadrangle was provided by helicopter with the exception of a few sites that were accessible by road vehicle from the Dalton highway.

The topographic relief in the study area is about 4000 ft (1219 m), with a maximum elevation of 7457 ft (2273 m).

The Wiseman quadrangle comprises a central metamorphic belt of meta-igneous, metavolcanic, and metasedimentary rocks of early Paleozoic and(or) Precambrian age flanked on the north by a broad belt of Paleozoic sediments and Paleozoic metasediments, mostly Devonian conglomerates, shales, limestones, and dolomites. Jurassic, Triassic, and Permian basic volcanic rocks occupy parts of the area south of the central metamorphic belt.

Structurally, the area has undergone a period of Paleozoic orogeny, probably Devonian. The effects of this orogeny have been greatly complicated by probable late Mesozoic tectonism causing widespread thrusting, telescoping, and lateral faulting.

METHODS OF STUDY

Sample Collection

The USGS and DGGS, collected samples at 1607 stream sites. At many of the sites both a stream sediment and heavy-mineral-concentrate sample were collected. Where float rock (pebbles) of interest was observed and/or a suitable outcrop was available, a sample was collected. In addition to these samples, rocks were collected from ridge traverses and areas of mineralization. The following (table 1) is a summary of the sample type, the number of samples, and sample identification numbers collected by each study group.

TABLE 1. Summary of sample identification

Sample type	Study group	Sample identification number	Number of samples
Stream sediments	USGS	700 - 2260	1090
	DGGS	1 - 650	517
Heavy-mineral concentrates	USGS	700 - 2260	1105
	DGGS	12 - 651	152
Pebbles	USGS	702 - 1994	575
Rocks	USGS	1018 - 2263	226
		B3 - B352	118
		M40 - M104	57
		Du3 - Du7	2
	DGGS	1 - 380	380

Analytical results for DGGS rock samples 381-536 which appear on plate 3 are not included in this report but have been published by Dillon, Moorman, and Lueck (1981). Multiple samples taken at a sample site are differentiated by assigning a unique alpha suffix (A, B, C, etc.) to the sample number. Some sample numbers appearing on Plates 1, 2, and 3 have been simplified from the sample numbers on tables 4-7 by eliminating the prefixes and suffixes.

The data in tables 4 through 7 are arranged according to the subquadrangles to which the 1:250,000 scale Wiseman quadrangle is divided.

Stream-sediment samples

The stream-sediment samples consisted of active alluvium collected primarily from first-order (unbranched) and second-order (below the junction of two first-order) streams as shown on USGS topographic maps (scale = 1:63,360).

The stream-sediment samples were sieved at each collection site through a 10-mesh (2-mm) screen and the minus 10-mesh material was retained for further preparation. Analyses of the stream-sediment samples represent the chemistry of the rock material eroded from the drainage basin upstream from each sample site. Such information is useful in identifying those basins which contain concentrations of elements that may be related to mineral deposits.

Heavy-mineral-concentrate samples

We panned heavy-mineral-concentrate samples from the same active alluvium as the stream-sediment samples. Each bulk sample was passed through a 2.0-mm (10-mesh) screen to remove the coarse material. The sediment passing through the screen was panned until most of the quartz, feldspar, organic material, and clay-sized material was removed. The sample was air dried at 16°C.

Rock samples

We collected rock samples from outcrops or exposures in the vicinity of the plotted site location. Most samples were collected from unaltered rock. Rock samples provide information on elements in rocks that have not been affected by alteration or mineralization. In addition, some altered and(or) mineralized rocks were collected.

Pebble samples

We collected samples of mineralized or altered float rock (pebbles) when present in the stream bed.

Sample Preparation

Rock and pebble samples were simply crushed and then pulverized with ceramic plates to minus 100-mesh (0.15 mm).

The minus 10-mesh, oven dried stream-sediment samples collected by the USGS and the DGGS were sieved through a 30 mesh (0.6-mm) and 80 mesh (0.18-mm) stainless-steel sieve respectively. The portion of the sediment passing through the sieve was pulverized to a minus 150-mesh (0.10-mm) and saved for analysis.

The panned samples were sieved through a 35-mesh (0.42-mm) screen in the laboratory and the minus 35-mesh fraction was further separated with bromoform (specific gravity 2.86) to remove the remaining light minerals. The heavy minerals were separated into three fractions using a large electromagnet (in this case a modified Frantz Isodynamic Separator). The most magnetic material (largely magnetite) was discarded. The second fraction (largely ferromagnesian silicates and iron oxides) was saved for archival storage. The third fraction (the least magnetic material including nonmagnetic ore

minerals, zircon, sphene, etc.) was divided into two splits using a Jones splitter. One split was hand ground for spectrographic analysis; the other split was saved for mineralogical analysis.

The magnetic separates discussed are similar to separates that would be produced by removing the magnetite with a hand magnet and then using a Frantz Isodynamic Separator set at a slope of 15° and a tilt of 10° with a current of 0.1 ampere to remove the ilmenite, and a current of 1.0 ampere to split the remainder of the sample into magnetic and nonmagnetic fractions.

Sample Analysis

Spectrographic method

We analyzed the stream-sediment, heavy-mineral-concentrate, pebbles, and rock samples for 31 elements using a semiquantitative, direct-current arc emission spectrographic method (Grimes and Marranzino, 1968) and these analyses are identified in tables 4-7 by an "s" under the element column headings. Spectrographic results were obtained by visual comparison of spectra derived from the sample against spectra obtained from standards made from pure oxides and carbonates. Standard concentrations are geometrically spaced over any given order of magnitude of concentration as follows: 100, 50, 20, 10, and so forth. Samples whose concentrations are estimated to fall between those values are assigned values of 70, 30, 15, and so forth. The precision of the analytical method is approximately plus or minus one reporting unit at the 83 percent confidence level and plus or minus two reporting units at the 96 percent confidence level (Motooka and Grimes, 1976). Values determined for the major elements (iron, magnesium, calcium, and titanium) are given in weight percent; all others are given in parts per million (micrograms/gram) (table 2).

The spectrographic analyses were done by E. F. Cooley, J. M. Motooka, S. J. Sutley, and E. L. Mosier.

TABLE 2.--Limits of determination for the spectrographic analysis of rocks, pebbles and stream sediments, based on a 10-mg sample; and heavy-mineral concentrates, based on a 5-mg sample.

[The spectrographic limits of determination for heavy-mineral-concentrate samples are two reporting units higher than the limits given below for rocks, pebbles and stream sediments]

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

Chemical methods

Other methods of analysis used on samples from the Wiseman quadrangle, Alaska are summarized in table 3.

TABLE 3.--Chemical methods used

Sample type	Constituent determined	Analytical method	Determination limit[1] micrograms/ gram or ppm	Analyst	Reference
Rocks and Pebbles	Au	AA	0.05	[2]	Thompson and others, 1968.
	Zn	AA	5	[2]	Ward and others, 1969.
	Sb	AA	1 or 2	[2]	Modification of Viets, 1978.
	As	AA	5 or 10	[2]	Modification of Viets, 1978.
	Bi	AA	1 or 2	[2]	Modification of Viets, 1978.
	Cd	AA	.05 or .1	[2]	Modification of Viets, 1978.
	Hg	Instrumental	.02	[2]	Modification of McNerney and others, 1972 and Vaughn and McCarthy, 1964.
	As	Colorimetric	10	[2]	Ward and others, 1963.
Stream sediments	Au	AA	.05	[2]	Thompson and others, 1968.
	Zn	AA	5	[2]	Ward and others, 1969.
	Sb	AA	1 or 2	[2]	Modification of Viets, 1978.
	As	AA	5 or 10	[2]	Modification of Viets, 1978.
	Bi	AA	1 or 2	[2]	Modification of Viets, 1978.
	Cd	AA	.05 or .1	[2]	Modification of Viets, 1978.
	Hg	Instrumental	.02	[2]	Modification of McNerney and others, 1972 and Vaughn, and McCarthy, 1964.
	W	Colorimetric	.5	[2]	Welsch, 1983.

[1]The determination limit is dependent upon sample weight. Given limits imply use of sample weight required by method. Higher limits of determination result from using less than required sample weight.

[2]Analysts were A. Gruzensky, R. O'Leary, A. Mantei, A. Meier, F. Takacs, W. Martin, B. Arbogast, J. Hoffman, D. Hopkins, and J. Gray.

ROCK ANALYSIS STORAGE SYSTEM

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

REFERENCES CITED

Dillon, J. T., Cathrall, J. B., and Moorman, M. A., 1981, Geochemical reconnaissance of the southwest Wiseman quadrangle; summary of data on pan-concentrate and stream-sediment samples; Alaska Division of Geological and Geophysical Survey: U.S. Geological Survey Open-File Report 133A.

Dillon, J. T., Moorman, M. A., and Lueck, L., 1981, Geochemical reconnaissance of the southwest Wiseman quadrangle; summary of data on rock samples; Alaska Division of Geological and Geophysical Surveys: U.S. Geological Survey Open-File Report 133B.

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.

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

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.

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

VanTrump, George, Jr., and Miesch, A. T., 1976, The U.S. Geological Survey RASS-STATPAC system for management and statistical reduction of geochemical data: Computers and Geosciences, v. 3, p. 475-488.

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

Viets, J. G., 1978, Determination of silver, bismuth, cadmium, copper, lead, and zinc in geologic materials by atomic absorption spectrometry with tricaprylylmethylammonium chloride: Analytical Chemistry, v. 50, p. 1097-1101.

Ward, F. N., Lakin, H. W., Canney, F. C., and others, 1963, Analytical methods used in geochemical exploration of by U.S. Geological Survey: U.S. Geological Survey Bulletin 1152, 100 p.

Ward, F. N., Nakagawa, H. M., Harms, T. F., and Van Sickle, G. H., 1969, Atomic-absorption methods useful in geochemical exploration: U.S. Geological Survey Bulletin 1289, 45 p.

Welsch, E. P., 1983, A rapid geochemical spectrophotometric determination of tungsten with dithiol: Talanta (in press).

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska

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

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
					Wiseman A1						
1516	67 11 25	150 26 28	N	N	N	1	--	N	--	N	50
1517	67 11 17	150 26 33	N	N	N	10	--	N	--	N	20
1518	67 11 31	150 24 10	N	N	N	10	--	N	--	N	50
1519	67 14 34	150 27 18	N	N	N	5	--	N	--	5.0	70
1520	67 9 5	150 20 47	N	N	N	10	--	N	--	N	100
1521	67 10 39	150 17 51	N	N	N	10	--	N	--	N	150
1522	67 11 52	150 15 37	N	N	N	15	--	N	--	N	30
1523	67 14 34	150 6 44	N	N	N	10	--	N	--	N	70
1524	67 14 14	150 7 27	N	N	N	10	--	N	--	N	70
1525	67 11 34	150 11 3	N	N	N	10	--	N	--	N	100
1526	67 11 49	150 10 52	N	N	N	15	--	N	--	N	50
1527	67 13 21	150 2 59	N	N	N	5	--	N	--	N	70
1528	67 10 14	150 10 28	N	N	N	10	--	N	--	N	150
1529	67 9 41	150 1 36	N	N	N	5	--	N	--	N	150
1530	67 9 45	150 1 15	N	N	N	15	--	N	--	N	100
1531	67 11 42	150 0 55	N	N	N	5	--	N	--	N	50
1532	67 10 17	150 11 11	N	N	N	10	--	N	--	N	70
1533	67 10 4	150 10 39	N	N	N	15	--	N	--	N	150
1534	67 5 16	150 7 1	N	N	N	<5	--	N	--	N	20
1535	67 6 45	150 10 13	N	N	N	10	--	N	--	N	50
1536	67 2 18	150 2 13	N	N	N	5	--	N	--	N	70
1537	67 2 44	150 4 54	N	N	N	5	--	N	--	N	30
1538	67 3 32	150 10 13	N	N	N	15	--	N	--	N	20
1539	67 1 8	150 9 4	N	N	N	10	--	N	--	N	150
1540	67 1 5	150 13 5	N	N	N	10	--	N	--	N	20
1541	67 1 31	150 18 4	N	N	N	10	--	N	--	N	50
1542	67 1 6	150 26 28	N	N	N	15	--	N	--	N	50
1543	67 4 11	150 16 31	N	N	N	10	--	N	--	N	15
1544	67 6 26	150 28 39	N	N	N	5	--	N	--	N	30
1545	67 7 49	150 20 33	N	N	N	10	--	N	--	N	50
1546	67 9 46	150 24 23	N	N	N	10	--	N	--	N	70
1788	67 12 7	150 29 53	N	N	N	10	--	N	--	<.5	30
1845	67 14 18	150 17 25	N	N	N	5	--	N	--	.5	50
1846	67 11 13	150 27 31	N	N	N	5	--	N	--	N	15
1945	67 8 56	150 10 36	N	<2	N	5	--	N	--	N	100
1946	67 9 5	150 11 23	N	<2	N	5	--	N	--	N	70
1947	67 13 3	150 4 3	N	2	N	10	--	N	--	N	20
					Wiseman A2--continued						
1256	67 12 44	150 50 25	N	<1	N	5	--	N	N	N	70
1257	67 13 0	150 43 43	N	<1	N	10	--	N	N	N	30
1547	67 8 35	150 31 37	N	N	N	5	--	N	--	N	50
1548	67 9 42	150 36 26	N	N	N	15	--	N	--	N	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
Wiseman A1											
1516	10	200	85	N	.40	N	--	3.0	15	50	70
1517	10	<200	55	N	.10	N	--	3.0	15	30	70
1518	20	200	95	N	.50	N	--	5.0	30	70	100
1519	20	200	80	N	.50	N	--	5.0	30	70	150
1520	<10	<200	55	N	.20	N	--	5.0	30	50	100
1521	15	200	120	N	.50	N	--	7.0	50	70	150
1522	10	<200	80	N	.30	N	--	5.0	20	50	70
1523	15	300	120	N	.30	N	--	5.0	20	50	150
1524	10	<200	85	N	.30	N	--	5.0	20	50	150
1525	20	200	120	N	.60	N	--	5.0	30	50	150
1526	15	<200	110	N	.40	N	--	5.0	30	50	100
1527	20	300	95	N	.30	N	--	5.0	30	50	150
1528	10	300	200	N	1.50	N	--	5.0	30	70	100
1529	10	300	130	N	.80	N	--	7.0	50	50	150
1530	20	200	140	N	1.10	N	--	5.0	50	50	100
1531	20	<200	95	N	.60	N	--	5.0	50	50	100
1532	<10	<200	190	N	1.30	N	--	5.0	30	70	100
1533	15	<200	120	N	.50	N	--	7.0	30	70	100
1534	N	N	45	N	.20	N	--	5.0	20	20	50
1535	<10	N	65	N	.30	N	--	5.0	30	20	50
1536	10	N	60	N	.20	N	--	5.0	20	30	100
1537	10	N	50	N	.20	N	--	3.0	15	30	70
1538	N	N	45	N	.10	N	--	3.0	20	30	70
1539	N	N	45	N	.20	N	--	5.0	50	50	150
1540	50	N	25	N	.20	N	--	5.0	10	15	20
1541	10	N	65	N	.10	N	--	3.0	20	50	70
1542	15	<200	60	N	.20	N	--	5.0	30	50	70
1543	N	N	45	N	.20	N	--	3.0	20	20	50
1544	N	N	50	N	.20	N	--	3.0	15	30	50
1545	N	N	50	N	.20	N	--	3.0	20	30	50
1546	10	N	60	N	.20	N	--	5.0	30	70	100
1788	20	<200	90	N	.40	N	--	3.0	30	70	70
1845	50	300	300	N	1.50	N	--	3.0	20	100	30
1846	10	N	70	N	.30	N	--	2.0	15	50	30
1945	10	N	140	N	.40	N	--	5.0	30	70	100
1946	10	N	140	N	.80	N	--	5.0	30	50	70
1947	20	N	100	N	.30	N	--	3.0	20	50	70
Wiseman A2--continued											
1256	30	200	100	N	.65	N	<1	7.0	70	150	150
1257	20	<200	75	N	.15	N	<1	7.0	50	70	150
1547	10	N	75	N	.30	N	--	3.0	20	30	100
1548	10	<200	90	N	.40	N	--	5.0	30	50	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
					Wiseman A1					
1516	N	N	500	1.0	70	.20	N	1.00	1,000	N
1517	N	N	300	1.0	100	.30	N	1.00	1,000	N
1518	N	N	700	3.0	150	.20	N	1.50	1,500	N
1519	N	N	700	3.0	100	.70	N	1.50	1,500	N
1520	N	N	500	1.0	70	.70	N	1.50	1,500	N
1521	N	N	1,000	1.0	70	.20	N	2.00	2,000	N
1522	N	N	500	1.0	70	.20	N	.70	700	N
1523	N	N	700	3.0	100	.10	30	1.50	700	N
1524	N	N	700	2.0	100	.15	N	1.50	500	N
1525	N	N	100	1.5	100	.50	N	2.00	2,000	N
1526	N	N	700	2.0	150	.15	300	.70	1,000	N
1527	N	N	700	3.0	150	.10	300	1.50	700	N
1528	N	N	5,000	1.5	150	.50	N	.15	2,000	N
1529	N	N	1,500	1.0	100	1.50	N	2.00	2,000	N
1530	N	N	1,000	1.5	150	.50	N	1.00	3,000	N
1531	N	N	700	2.0	150	.20	N	1.00	1,500	N
1532	N	N	1,500	1.5	100	.50	N	1.00	2,000	N
1533	N	N	1,000	1.0	100	.50	N	1.50	1,500	N
1534	N	N	300	1.0	50	.50	N	1.00	3,000	N
1535	N	N	1,000	1.0	50	.70	N	.50	5,000	N
1536	N	N	1,000	<1.0	100	2.00	N	2.00	2,000	N
1537	N	N	700	1.5	70	.70	50	1.00	1,500	N
1538	N	N	300	1.5	100	.30	N	.70	1,000	N
1539	N	N	300	N	15	2.00	N	2.00	1,500	N
1540	N	N	1,000	2.0	30	1.50	50	1.00	1,000	N
1541	N	N	300	1.0	100	.30	N	.70	1,000	N
1542	N	N	500	1.0	100	.50	N	1.00	1,000	N
1543	N	N	300	1.0	50	.50	N	.50	2,000	N
1544	N	N	300	1.0	100	.30	N	.70	1,000	N
1545	N	N	300	<1.0	30	.50	N	.70	1,500	N
1546	N	N	300	1.5	100	2.00	20	1.50	1,000	N
1788	N	N	300	1.5	100	.10	<20	1.00	700	N
1845	10	N	1,000	1.5	100	.05	100	.50	300	N
1846	N	N	200	1.0	70	.15	N	.50	500	N
1945	N	N	700	1.0	50	1.00	N	2.00	2,000	N
1946	5	N	1,000	1.0	50	2.00	N	1.50	2,000	N
1947	<5	N	700	2.0	100	.05	<20	1.00	700	N
					Wiseman A2--continued					
1256	N	N	1,000	2.0	100	1.00	100	5.00	1,000	<20
1257	N	N	700	1.0	100	2.00	50	5.00	1,000	<20
1547	N	N	300	1.0	70	.50	20	1.00	1,000	N
1548	N	N	300	1.0	100	.20	N	1.00	700	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
				Wiseman A1					
1516	15	N	.300	N	200	N	--	10	100
1517	15	<100	.300	N	150	N	--	30	100
1518	20	<100	.500	N	300	N	--	30	150
1519	20	<100	.500	N	300	N	--	30	150
1520	20	<100	.500	N	300	N	--	30	100
1521	30	<100	.500	N	300	N	--	30	100
1522	10	<100	.300	N	150	N	--	10	100
1523	20	100	.500	N	200	N	--	20	150
1524	15	N	.500	N	200	N	--	15	150
1525	20	N	.500	N	200	N	--	20	100
1526	20	N	.500	N	200	N	--	70	100
1527	20	N	.500	N	200	N	--	20	150
1528	20	N	.500	N	300	N	--	20	100
1529	30	N	.700	N	300	N	--	30	100
1530	20	N	.500	N	200	N	--	30	100
1531	20	N	.500	N	200	N	--	30	200
1532	20	N	.500	N	300	N	--	20	100
1533	20	N	.500	N	300	N	--	20	150
1534	15	N	.500	N	150	N	--	20	150
1535	20	N	.500	N	150	N	--	30	70
1536	30	300	.500	N	300	N	--	20	70
1537	15	200	.300	N	150	N	--	30	200
1538	15	N	.500	N	150	N	--	15	100
1539	30	100	.300	N	300	N	--	10	30
1540	10	700	.200	N	300	N	--	15	200
1541	15	N	.300	N	150	N	--	15	150
1542	15	N	.300	N	200	N	--	15	100
1543	15	N	1.000	N	150	N	--	15	100
1544	10	N	.300	N	150	N	--	10	100
1545	10	N	.300	N	150	N	--	15	70
1546	20	100	.500	N	300	N	--	50	150
1788	15	<100	.300	N	100	N	--	20	100
1845	10	<100	.200	N	100	N	--	50	70
1846	10	100	.200	N	100	N	--	30	100
1945	20	100	.300	N	200	N	--	20	70
1946	20	150	.300	N	200	N	--	20	50
1947	15	<100	.200	N	150	N	--	20	70
				Wiseman A2--continued					
1256	20	300	>1.000	N	200	N	--	70	500
1257	20	200	1.000	N	300	N	--	70	300
1547	15	N	.300	N	150	N	--	15	100
1548	15	N	.300	N	300	N	--	20	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1550	67 9 44	150 41 0	N	N	N	10	--	N	--	N	50
1551	67 13 31	150 58 5	N	N	N	10	--	N	--	N	70
1552	67 13 46	150 57 54	N	N	N	10	--	N	--	N	70
1553	67 13 23	150 55 10	N	N	N	10	--	N	--	N	70
1554	67 13 36	150 54 33	N	N	N	10	--	N	--	N	70
1555	67 13 26	150 52 5	N	N	N	10	--	N	--	N	100
1561	67 11 8	150 52 16	N	N	N	5	--	N	--	N	100
1562	67 9 36	150 57 43	N	N	N	10	--	N	--	N	50
1789	67 12 5	150 30 20	N	<2	N	15	--	N	--	N	30
1790	67 12 28	150 40 17	N	4	N	10	--	N	--	N	20
1848	67 1 17	150 33 38	N	N	N	10	--	N	--	N	20
1850	67 2 54	150 50 46	N	N	N	10	--	N	--	N	5
1851	67 2 23	150 52 41	N	N	N	20	--	N	--	N	10
1852	67 2 53	150 30 27	N	N	N	10	--	N	--	N	15
1853	67 2 1	150 30 23	N	N	N	5	--	N	--	N	10
		Wiseman A3--continued									
71	67 13 27	151 14 39	N	N	N	15	--	N	N	N	30
72	67 13 25	151 15 16	N	--	N	--	--	N	N	N	20
73	67 12 7	151 14 51	N	--	N	--	--	N	N	N	20
74	67 12 3	151 15 28	N	--	N	--	--	N	N	N	30
75	67 10 49	151 15 24	N	N	N	10	--	N	N	N	20
76	67 10 55	151 15 56	N	--	N	--	--	N	N	N	20
77	67 10 0	151 16 12	N	--	N	--	--	N	N	N	15
84	67 13 52	151 18 31	N	N	N	20	--	N	N	N	50
85	67 13 42	151 18 10	N	N	N	10	--	N	N	N	20
1563	67 9 15	151 3 47	N	N	N	10	--	N	--	N	50
1564	67 12 33	151 8 2	N	N	N	10	--	N	--	N	70
1565	67 8 47	151 9 3	N	N	N	15	--	N	--	N	50
1566	67 12 47	151 14 44	N	N	N	15	--	N	--	N	50
1567	67 12 57	151 15 6	N	N	N	15	--	N	--	N	150
1568	67 9 39	151 16 53	N	N	N	5	--	N	--	N	70
1569	67 11 13	151 21 29	N	N	N	10	--	N	--	N	100
1570	67 12 10	151 22 39	N	N	N	15	--	N	--	N	70
1571	67 12 34	151 27 36	N	N	N	10	--	N	--	N	100
1574	67 10 7	151 29 44	N	N	N	15	--	N	--	N	70
1859	67 6 5	151 21 54	N	N	N	<5	--	N	--	N	7
1860	67 3 52	151 18 26	N	N	N	5	--	N	--	N	20
1861	67 5 44	151 14 0	N	<2	N	5	--	N	--	N	20
1862	67 3 22	151 14 35	N	<2	N	5	--	N	--	N	20
1863	67 4 41	151 7 9	N	N	N	10	--	N	--	N	15
1864	67 1 18	151 8 10	N	2	N	10	--	N	--	N	20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
1550	15	<200	55	N	.20	N	--	7.0	30	50	150
1551	15	N	110	N	.30	N	--	5.0	30	70	100
1552	20	<200	75	N	.30	N	--	5.0	50	70	150
1553	20	N	130	N	.70	N	--	5.0	50	100	70
1554	20	N	120	N	.50	N	--	5.0	50	100	70
1555	30	<200	100	N	.50	N	--	7.0	50	100	150
1561	15	<200	95	N	.50	N	--	7.0	30	70	150
1562	10	N	100	N	.40	N	--	3.0	20	50	70
1789	30	200	90	N	.20	N	--	2.0	30	50	70
1790	10	N	80	N	.20	N	--	3.0	20	50	70
1848	<10	N	70	N	.20	N	--	2.0	15	50	70
1850	N	N	45	N	.20	N	--	1.0	10	20	20
1851	<10	N	70	N	.30	N	--	2.0	30	20	20
1852	<10	N	60	N	.30	N	--	1.5	10	20	30
1853	10	N	55	N	.20	N	--	1.5	10	30	30
					Wiseman A3--continued						
71	20	N	140	N	.15	N	N	2.0	50	70	150
72	70	<200	150	N	--	N	--	3.0	100	100	200
73	20	N	110	N	--	N	--	3.0	50	100	300
74	20	<200	130	N	--	N	--	2.0	100	100	150
75	20	N	110	N	N	N	N	3.0	100	70	150
76	30	N	130	N	--	N	--	3.0	50	70	200
77	30	N	100	N	--	N	--	2.0	50	70	150
84	10	<200	160	N	.65	N	N	2.0	100	100	150
85	10	N	110	N	.65	N	N	2.0	100	50	70
1563	15	N	85	N	.30	N	--	5.0	20	50	100
1564	20	<200	125	N	.40	N	--	7.0	30	70	150
1565	15	N	85	N	.40	N	--	7.0	30	70	100
1566	20	<200	100	N	.40	N	--	7.0	20	70	150
1567	20	200	160	N	1.00	N	--	7.0	100	100	150
1568	10	N	120	N	.60	N	--	7.0	50	70	100
1569	15	N	95	N	.50	N	--	3.0	15	70	70
1570	10	200	120	N	.80	N	--	5.0	50	100	100
1571	10	200	170	N	1.00	N	--	7.0	70	100	150
1574	20	N	90	N	.30	N	--	5.0	20	70	150
1859	10	N	55	N	.20	N	--	1.5	10	20	20
1860	<10	N	60	N	.20	N	--	2.0	20	30	50
1861	10	N	55	N	.30	N	--	3.0	20	50	70
1862	15	N	65	N	.20	N	--	2.0	20	30	50
1863	10	N	80	N	.30	N	--	2.0	20	30	50
1864	20	N	100	N	.20	N	--	3.0	20	30	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
1550	N	N	500	1.5	150	1.00	N	1.50	1,500	N
1551	N	N	300	1.5	100	.10	50	1.00	500	N
1552	N	N	300	1.0	100	.30	N	1.50	700	N
1553	N	N	300	1.0	70	.20	20	1.50	1,000	N
1554	N	N	200	<1.0	70	.20	N	1.50	700	N
1555	N	N	300	1.5	100	.30	N	1.50	1,000	N
1561	N	N	700	1.0	150	.70	50	1.50	1,000	N
1562	N	N	500	1.0	70	.30	N	1.00	1,500	N
1789	N	N	500	2.0	100	.10	50	1.00	700	N
1790	N	N	500	1.5	100	.20	N	1.00	700	N
1848	N	N	200	1.5	70	.20	<20	.70	500	N
1850	N	N	150	1.0	50	.15	N	.30	500	N
1851	N	N	200	1.0	70	.15	N	.30	2,000	N
1852	N	N	200	1.0	70	.15	N	.30	500	N
1853	N	N	300	1.0	100	.20	N	.50	500	N
Wiseman A3--continued										
71	N	N	700	1.0	70	.20	70	.70	300	<20
72	N	N	700	1.0	70	.30	100	1.00	300	<20
73	N	N	1,000	1.0	100	.20	50	1.00	300	<20
74	N	N	700	1.0	70	.20	50	1.00	300	<20
75	N	N	700	1.0	100	.10	50	.70	300	<20
76	N	N	700	1.0	100	.20	50	1.00	300	<20
77	N	N	500	1.0	70	.10	50	1.00	300	<20
84	N	N	700	1.0	100	.50	50	1.00	300	<20
85	N	N	700	1.0	70	.05	50	.70	300	<20
1563	N	N	300	1.0	100	.20	N	1.00	500	N
1564	N	N	300	2.0	150	.15	30	1.50	700	N
1565	N	N	500	1.5	100	.15	N	1.50	700	N
1566	N	N	300	1.5	150	.10	20	1.50	700	N
1567	N	N	500	2.0	150	.10	100	1.50	1,000	N
1568	N	N	300	1.0	100	.07	N	1.50	700	N
1569	N	N	500	2.0	100	.15	70	1.00	300	N
1570	N	N	500	1.5	100	.10	N	1.50	700	N
1571	N	N	700	2.0	100	.10	30	1.50	1,000	N
1574	N	N	700	2.0	100	.10	50	1.50	700	N
1859	N	N	150	1.0	70	.10	20	.50	300	N
1860	N	N	150	1.0	70	.30	N	.50	500	N
1861	N	N	200	1.0	70	.50	N	1.00	1,000	N
1862	N	N	200	1.0	100	.20	20	.70	1,000	N
1863	N	N	300	1.0	70	.15	N	.70	1,500	N
1864	N	N	300	1.5	100	.15	N	.50	700	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
1550	30	100	.700	N	300	N	--	50	150
1551	15	N	.500	N	300	N	--	20	150
1552	20	100	.500	N	300	N	--	20	150
1553	15	N	.300	N	300	N	--	20	150
1554	15	N	.300	N	300	N	--	20	150
1555	20	N	.700	N	300	N	--	20	150
1561	30	100	.700	N	300	N	--	50	200
1562	15	N	.300	N	100	N	--	20	70
1789	15	<100	.300	N	100	N	--	30	100
1790	15	<100	.300	N	100	N	--	20	100
1848	10	100	.200	N	150	N	--	20	70
1850	10	<100	.200	N	70	N	--	15	70
1851	10	<100	.200	N	100	N	--	20	50
1852	10	<100	.200	N	100	N	--	20	50
1853	10	100	.200	N	100	N	--	20	70
				Wiseman A3--continued					
71	20	150	.500	--	100	N	2.0	20	100
72	20	150	.500	--	100	N	--	20	100
73	30	100	.700	--	150	N	2.0	50	100
74	20	100	.500	--	100	N	--	20	100
75	20	100	.500	--	150	N	--	20	100
76	20	100	.700	--	150	N	--	50	100
77	20	100	.700	--	100	N	--	20	70
84	20	100	.500	--	150	N	--	50	100
85	20	100	.500	--	100	N	2.0	20	70
1563	15	N	.500	N	100	N	--	15	150
1564	20	N	.500	N	300	N	--	20	200
1565	20	N	.500	N	300	N	--	20	150
1566	20	N	.500	N	300	N	--	70	200
1567	30	N	.500	N	300	N	--	50	200
1568	15	N	.300	N	300	N	--	20	200
1569	20	<100	.700	N	200	N	--	50	200
1570	20	<100	.500	N	300	N	--	20	150
1571	20	<100	.500	N	300	N	--	20	150
1574	20	<100	.700	N	300	N	--	15	300
1859	7	<100	.200	N	100	N	--	15	70
1860	15	100	.200	N	100	N	--	20	50
1861	20	100	.300	N	150	N	--	20	100
1862	15	<100	.200	N	100	N	--	30	100
1863	15	<100	.200	N	100	N	--	20	70
1864	15	<100	.200	N	150	N	--	20	70

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
					Wiseman A4--continued						
33	67 14 43	151 35 38	N	--	N	--	--	N	N	N	70
34	67 14 39	151 40 19	N	2	N	15	--	N	N	N	70
35	67 12 38	151 39 26	N	N	N	10	--	N	N	N	50
36	67 12 56	151 39 10	N	2	N	15	--	N	N	N	70
37	67 13 10	151 35 17	N	N	N	<20	--	N	N	N	70
41	67 13 55	151 32 54	N	N	N	15	--	N	N	N	70
42	67 14 6	151 32 17	N	--	N	--	--	N	N	N	100
48	67 14 37	151 41 1	N	4	N	40	--	N	N	N	50
514	67 14 11	151 56 49	N	1	N	5	--	N	N	N	20
516	67 13 26	151 52 29	N	2	N	5	--	N	N	N	30
517	67 10 32	151 44 48	N	2	N	5	--	N	N	N	30
518	67 10 57	151 38 17	N	1	N	5	--	N	N	N	30
519	67 10 39	151 35 55	N	1	N	N	--	N	N	N	20
521	67 10 30	151 35 18	N	N	N	N	--	N	N	N	10
522	67 9 27	151 48 19	N	1	N	5	--	N	N	N	20
524	67 10 46	151 52 1	N	2	N	5	--	N	N	N	30
542	67 12 29	151 45 9	N	N	N	10	--	N	N	N	30
543	67 12 19	151 45 9	N	N	N	N	--	N	--	N	30
545	67 14 53	151 50 17	N	N	N	10	--	N	N	N	30
547	67 14 18	151 49 45	N	N	N	5	--	N	N	N	15
1018	67 14 43	151 35 38	N	<1	N	15	--	N	N	N	70
1019	67 14 49	151 35 54	N	2	N	45	--	N	N	N	50
1020	67 14 24	151 36 20	N	1	N	20	--	N	N	N	70
1021	67 14 22	151 37 29	N	<1	N	15	--	N	N	N	50
1022	67 14 30	151 37 24	N	<1	N	30	--	N	N	N	70
1601	67 10 53	151 57 55	N	N	N	<5	--	N	N	N	30
1602	67 13 25	151 58 50	N	N	N	<5	--	N	N	N	50
1618	67 9 19	151 42 28	N	N	N	5	--	N	N	N	30
1619	67 8 56	151 37 26	N	N	N	<5	--	N	N	N	20
1620	67 14 25	151 41 35	N	N	N	5	--	N	N	N	30
1621	67 14 52	151 40 12	N	N	N	5	--	N	N	N	70
1622	67 13 9	151 41 33	N	N	N	5	--	N	N	N	70
1856	67 2 19	151 43 47	N	N	N	10	--	N	--	N	15
1857	67 2 27	151 34 15	N	N	N	5	--	N	--	N	10
1858	67 6 34	151 38 19	N	N	N	10	--	N	--	N	10
1894	67 13 28	151 31 9	N	N	N	15	--	N	--	N	30
1895	67 13 4	151 30 42	N	<2	N	15	--	N	--	<.5	70
					Wiseman A5--continued						
400	67 13 22	152 19 54	N	N	N	10	--	--	--	N	10
401	67 13 22	152 19 54	N	--	N	--	--	--	--	N	10
402	67 10 45	152 16 19	N	N	N	10	--	--	--	N	10
403	67 10 45	152 16 19	N	--	N	--	--	--	--	N	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
					Wiseman A4--continued						
33	30	<200	160	N	--	N	--	5.0	150	100	200
34	50	<200	120	N	1.10	N	N	5.0	70	70	200
35	50	<200	130	N	1.20	N	N	5.0	70	50	200
36	50	<200	160	N	1.60	N	N	5.0	70	100	200
37	50	<200	120	N	.80	N	N	5.0	70	100	200
41	50	<200	170	N	1.60	N	N	5.0	70	100	200
42	70	N	160	N	--	N	--	5.0	70	100	150
48	30	<200	95	N	.80	N	N	3.0	50	100	150
514	20	N	70	N	.30	N	N	2.0	10	20	70
516	50	<200	140	N	1.40	N	N	5.0	50	70	100
517	20	N	85	N	.50	N	N	3.0	20	50	100
518	20	N	110	N	.40	N	N	3.0	20	50	100
519	20	N	120	N	.35	N	N	3.0	20	50	100
521	15	N	65	N	.10	N	N	2.0	15	30	70
522	20	N	80	N	.30	N	N	3.0	20	30	70
524	30	N	95	N	.60	N	N	2.0	15	30	70
542	20	N	120	N	1.00	N	N	3.0	20	30	100
543	20	N	85	N	1.40	N	N	3.0	20	30	70
545	20	N	55	N	.40	N	N	3.0	15	30	50
547	15	N	55	N	.30	N	N	3.0	20	20	70
1018	20	300	210	N	2.50	N	<1	5.0	70	100	100
1019	20	200	120	N	1.30	N	<1	5.0	20	100	100
1020	20	200	110	N	.50	N	<1	7.0	30	70	150
1021	20	200	140	N	.95	N	<1	5.0	30	100	150
1022	15	200	110	N	1.00	N	<1	7.0	30	100	150
1601	30	<200	85	N	.30	N	--	5.0	20	50	70
1602	50	200	130	N	.50	N	--	5.0	20	70	100
1618	30	<200	85	N	.20	N	--	5.0	20	50	100
1619	20	<200	75	N	.20	N	--	3.0	20	50	70
1620	30	<200	80	N	.30	N	--	3.0	20	50	70
1621	20	200	120	N	.90	N	--	5.0	30	100	100
1622	50	200	140	N	.50	N	--	7.0	30	100	150
1856	<10	N	60	N	.20	N	--	2.0	20	50	30
1857	<10	N	60	N	.20	N	--	2.0	10	30	20
1858	<10	N	50	N	.20	N	--	1.0	7	20	20
1894	15	N	95	N	.50	N	--	3.0	20	30	50
1895	50	300	350	N	4.20	N	--	5.0	70	100	70
					Wiseman A5--continued						
400	10	N	50	N	.10	N	--	2.0	N	10	20
401	10	N	80	N	--	N	--	3.0	10	20	200
402	10	N	80	N	.30	N	--	2.0	5	20	50
403	20	N	100	N	--	N	--	5.0	10	50	200

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
					Wiseman A4--continued					
33	N	N	700	1.0	70	.70	100	1.00	500	<20
34	N	N	700	1.0	70	.50	70	1.00	300	<20
35	N	N	500	1.0	100	.20	70	1.00	300	<20
36	N	N	700	1.0	100	.20	70	1.00	500	<20
37	N	N	700	1.0	100	.20	50	1.00	500	<20
41	N	N	700	1.0	70	.20	50	1.00	300	<20
42	N	N	700	1.0	70	.30	100	1.00	300	<20
48	N	N	700	1.0	100	1.00	50	1.00	300	<20
514	N	N	500	1.0	50	.50	50	.50	500	<20
516	N	N	1,000	1.0	70	.20	70	.50	1,500	<20
517	N	N	700	1.0	50	.07	50	.50	200	<20
518	N	N	700	1.0	50	.10	70	.50	500	<20
519	N	N	700	1.0	50	.07	50	.70	300	<20
521	N	N	500	1.0	70	.10	50	.70	200	<20
522	N	N	500	1.0	50	.20	50	.70	500	<20
524	N	N	500	1.0	70	.50	50	.50	500	<20
542	N	N	700	1.5	50	.10	50	.50	300	<20
543	N	N	700	1.5	50	.30	50	.70	300	<20
545	N	N	300	1.0	50	.50	50	.50	500	<20
547	N	N	500	1.0	50	.50	50	.70	1,000	<20
1018	N	N	700	1.5	100	.07	100	1.50	1,000	N
1019	10	N	1,000	1.0	100	.30	20	1.50	700	N
1020	10	N	700	1.5	100	.07	50	1.50	700	N
1021	N	N	700	1.5	100	.07	50	1.50	700	N
1022	<5	N	700	1.5	70	.20	30	1.50	700	N
1601	N	N	300	2.0	100	.10	50	.70	500	<20
1602	N	N	700	2.0	100	.10	50	1.00	500	20
1618	N	N	500	2.0	100	.20	50	1.00	500	<20
1619	N	N	500	2.0	100	.10	50	.50	500	<20
1620	N	N	500	2.0	100	1.00	50	.50	500	<20
1621	<5	N	1,000	2.0	100	1.00	50	1.00	700	20
1622	N	N	700	3.0	150	.10	50	1.50	1,000	20
1856	N	N	200	1.0	70	.30	N	.70	700	N
1857	N	N	200	1.0	70	.20	N	.50	500	N
1858	N	N	150	1.0	70	.10	N	.30	300	N
1894	<5	N	500	1.5	70	.05	N	.50	300	N
1895	N	N	500	1.5	100	.05	100	.70	2,000	N
					Wiseman A5--continued					
400	N	N	N	N	20	3.00	20	.20	300	N
401	N	N	20	N	15	5.00	20	.50	500	20
402	N	N	150	N	30	.70	100	.50	700	N
403	<5	N	100	N	20	.50	N	.30	2,000	20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
				Wiseman A4--continued					
33	30	200	.700	--	200	N	<1.0	50	150
34	20	200	.700	--	200	N	<1.0	70	150
35	30	200	.700	--	200	N	--	50	150
36	50	200	.700	--	200	N	2.0	50	150
37	30	150	.700	--	300	N	<1.0	50	200
41	30	150	.700	--	200	N	--	30	100
42	20	100	.500	--	200	N	--	30	100
48	20	100	.500	--	200	N	--	100	100
514	10	<100	.200	N	70	N	1.0	20	150
516	15	<100	.200	N	100	N	2.0	50	150
517	15	<100	.300	N	100	N	2.0	20	150
518	15	<100	.300	N	100	N	2.0	50	150
519	15	<100	.300	N	100	N	1.0	70	150
521	10	<100	.200	N	70	N	1.0	15	100
522	15	<100	.200	N	100	N	1.0	20	150
524	15	100	.200	N	70	N	1.0	20	150
542	15	100	.200	N	100	N	2.0	20	100
543	15	100	.200	N	100	N	--	20	100
545	10	100	.200	N	70	N	1.0	20	100
547	20	100	.300	N	70	N	1.0	50	150
1018	15	N	.300	N	200	N	2.5	50	150
1019	20	<100	.500	N	200	N	3.0	30	150
1020	20	150	.700	N	300	N	3.0	30	200
1021	20	100	.700	N	150	N	2.5	50	200
1022	15	150	.700	N	300	N	2.0	30	200
1601	15	N	.300	N	150	N	--	20	100
1602	20	<100	.500	N	200	N	--	50	150
1618	20	<100	.300	N	150	N	--	50	150
1619	15	<100	.500	N	150	N	--	30	150
1620	15	<100	.300	N	150	N	--	20	70
1621	20	100	.500	N	200	N	--	50	200
1622	20	100	.500	N	200	N	--	50	200
1856	10	100	.200	N	100	N	--	20	70
1857	10	<100	.200	N	100	N	--	20	70
1858	7	N	.200	N	70	N	--	20	100
1894	10	<100	.200	N	100	N	--	20	100
1895	15	100	.300	N	150	N	--	70	100
				Wiseman A5--continued					
400	N	<100	.300	--	30	N	--	N	50
401	20	150	.300	--	70	N	--	15	50
402	20	<100	.100	--	70	N	--	15	50
403	50	<100	.300	--	70	N	--	20	70

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
405	67 11 4	152 16 19	N	--	N	--	--	--	--	N	20
406	67 8 47	152 13 16	N	N	N	10	--	--	--	N	5
407	67 8 47	152 13 16	N	--	N	--	--	--	--	N	15
408	67 6 13	152 10 8	N	N	N	5	--	--	--	N	10
409	67 6 13	152 10 8	N	--	N	--	--	--	--	N	20
410	67 6 3	152 10 19	N	N	N	10	--	--	--	N	10
411	67 6 3	152 10 19	N	--	N	--	--	--	--	N	15
412	67 9 37	152 24 54	N	<2	N	15	--	--	--	N	30
413	67 9 37	152 24 54	N	--	N	--	--	--	--	N	50
414	67 12 23	152 25 36	N	2	N	15	--	--	--	N	20
415	67 12 33	152 25 53	N	--	N	--	--	--	--	N	30
426	67 14 3	152 20 38	N	--	N	--	--	--	--	N	20
427	67 13 57	152 19 24	N	<2	N	25	--	--	--	N	30
428	67 13 18	152 20 31	N	<2	N	10	--	--	--	N	30
429	67 12 35	152 19 32	N	2	N	15	--	--	--	N	50
430	67 11 19	152 21 15	N	<2	N	15	--	--	--	N	15
431	67 10 18	152 15 52	N	<2	N	10	--	--	--	N	15
432	67 8 12	152 29 31	N	<2	N	10	--	--	--	N	15
433	67 9 20	152 18 49	N	2	N	5	--	--	--	N	15
434	67 12 23	152 27 33	N	--	N	--	--	--	--	N	70
463	67 14 23	152 15 15	N	<2	N	35	--	--	--	N	20
472	67 11 51	152 13 42	N	<2	N	15	--	--	--	N	20
473	67 10 11	152 9 47	N	--	N	--	--	--	--	N	20
474	67 10 12	152 9 21	N	--	N	--	--	--	--	N	30
475	67 9 59	152 9 36	N	<2	N	10	--	--	--	N	20
476	67 9 59	152 9 36	N	--	N	--	--	--	--	N	30
477	67 10 41	152 6 38	N	<2	N	5	--	--	--	N	20
478	67 10 30	152 6 32	N	<2	N	10	--	--	--	N	20
479	67 9 15	152 1 4	N	<2	N	10	--	--	--	N	15
480	67 9 15	152 1 4	N	--	N	--	--	--	--	N	15
481	67 13 15	152 14 10	N	2	N	10	--	N	<.10	N	20
497	67 13 50	152 4 45	N	N	N	5	--	N	N	N	20
498	67 14 4	152 4 19	N	N	N	5	--	N	N	N	30
500	67 13 54	152 4 2	N	1	N	5	--	N	N	N	30
502	67 12 17	152 5 4	N	1	N	10	--	N	N	N	30
503	67 12 17	152 4 38	N	1	N	5	--	N	N	N	15
504	67 11 57	152 5 51	N	N	N	10	--	N	N	N	20
505	67 11 57	152 5 30	N	4	N	N	--	N	N	N	30
506	67 11 7	152 8 40	N	1	N	10	--	N	N	N	30
507	67 14 40	152 9 37	N	2	N	15	--	N	N	N	30
508	67 14 44	152 10 14	N	4	N	20	--	N	N	N	50
509	67 14 30	152 10 3	N	1	N	15	--	N	N	N	150
510	67 14 18	152 9 52	N	N	N	N	--	N	N	N	30
511	67 12 45	152 9 45	N	3	N	10	--	N	N	N	20
512	67 13 4	152 9 56	N	N	N	10	--	N	N	N	30

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
405	10	N	100	N	--	N	--	5.0	15	50	200
406	N	N	60	N	.10	N	--	3.0	5	10	30
407	10	N	70	N	--	N	--	5.0	10	20	150
408	10	N	70	N	.20	N	--	1.0	N	5	20
409	10	N	80	N	--	N	--	5.0	7	20	200
410	20	N	70	N	.15	N	--	3.0	10	50	50
411	15	N	90	N	--	N	--	10.0	15	30	200
412	15	N	110	N	.45	N	--	3.0	10	100	100
413	20	200	150	N	--	N	--	10.0	15	50	200
414	10	N	190	N	1.70	N	--	2.0	5	20	50
415	15	200	--	N	--	N	--	5.0	15	50	50
426	20	N	--	N	--	N	--	5.0	15	30	50
427	20	N	90	N	.10	N	--	2.0	N	10	30
428	10	N	200	N	.55	N	--	2.0	100	150	50
429	15	N	150	N	.55	N	--	5.0	20	70	100
430	10	N	130	N	1.00	N	--	2.0	5	15	20
431	15	N	150	N	.45	N	--	3.0	5	20	100
432	20	N	140	N	.45	N	--	3.0	5	20	70
433	20	N	200	N	2.80	N	--	3.0	15	50	70
434	20	N	--	N	--	N	--	3.0	100	70	70
463	10	N	80	N	<.05	N	--	3.0	N	10	50
472	20	N	80	N	.40	N	--	1.5	5	30	50
473	20	N	--	N	--	N	--	2.0	10	50	70
474	20	N	--	N	--	N	--	2.0	10	30	50
475	20	N	150	N	.45	N	--	3.0	15	50	70
476	30	N	140	N	--	N	--	5.0	15	70	300
477	15	200	160	N	.50	N	--	5.0	15	100	100
478	15	200	160	N	.60	N	--	3.0	20	30	70
479	10	200	110	N	.25	N	--	2.0	5	20	50
480	15	200	120	N	--	N	--	2.0	15	30	200
481	20	<200	90	N	.70	N	N	2.0	20	50	70
497	20	N	55	N	.40	N	N	2.0	15	30	70
498	20	N	120	N	.60	N	N	3.0	70	50	70
500	20	N	90	N	.40	N	N	3.0	50	50	70
502	20	<200	130	N	1.30	N	N	3.0	20	50	70
503	20	<200	65	N	.45	N	N	2.0	10	30	50
504	30	<200	200	N	4.50	N	N	2.0	20	50	70
505	30	N	95	N	.30	N	N	3.0	20	50	70
506	20	<200	120	N	.70	N	N	3.0	20	50	100
507	20	N	50	N	.05	N	N	5.0	10	10	70
508	30	N	85	N	.60	N	N	3.0	30	70	100
509	30	N	130	N	.60	N	N	5.0	70	70	100
510	20	N	100	N	.60	N	N	3.0	20	50	100
511	20	N	80	N	.45	N	N	2.0	15	20	70
512	30	N	70	N	.60	N	N	2.0	15	30	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
405	<5	N	200	N	30	.30	20	.30	700	20
406	N	N	50	N	10	2.00	N	.20	1,000	20
407	<5	N	50	N	20	2.00	N	.30	1,000	20
408	N	N	150	N	15	.10	20	.20	150	N
409	<5	N	100	N	15	.30	N	.30	1,000	20
410	N	N	150	N	15	1.50	N	.50	300	20
411	<5	N	70	N	20	2.00	N	1.00	3,000	20
412	<5	20	200	N	20	.20	20	.50	200	20
413	5	N	150	N	20	.50	N	.30	1,500	20
414	N	15	500	N	15	.70	20	1.00	300	N
415	<5	N	700	N	20	.30	N	.50	1,000	20
426	N	N	100	N	20	.20	N	1.00	500	20
427	N	N	100	N	30	.10	20	.50	200	N
428	N	N	200	N	20	.50	300	1.00	1,000	20
429	N	N	300	N	20	1.00	20	2.00	700	N
430	N	N	50	N	30	.15	20	.20	500	N
431	N	N	200	N	15	.20	30	1.50	200	N
432	N	N	300	N	20	.05	30	1.00	200	N
433	N	N	200	N	20	.20	30	.50	500	N
434	N	10	50	N	15	.10	100	.50	1,500	N
463	N	N	50	N	30	.10	30	1.00	300	20
472	N	N	200	N	20	.15	20	.20	100	20
473	N	N	200	N	20	.07	20	.50	200	20
474	N	N	200	N	20	.05	N	.30	150	20
475	N	N	20	N	15	.07	N	.50	200	20
476	<5	N	20	N	20	.07	N	.30	200	20
477	<5	10	20	N	30	.10	N	.50	200	20
478	N	N	300	N	20	.05	70	.50	150	20
479	N	N	150	N	15	.10	20	.30	100	20
480	<5	N	150	N	20	.10	N	.50	150	20
481	N	N	700	1.0	50	.50	50	.50	300	<20
497	N	N	500	1.0	30	.70	50	.70	300	<20
498	N	N	300	1.0	50	.30	70	.70	1,000	<20
500	N	N	300	1.0	30	.20	70	.50	1,000	<20
502	N	N	1,000	1.0	50	.20	70	.70	1,000	<20
503	N	N	1,000	1.0	70	.20	50	.50	200	<20
504	N	N	500	1.0	70	.50	100	.70	500	<20
505	N	N	700	1.0	70	1.00	70	.70	500	<20
506	N	N	700	1.0	70	.07	50	.70	500	<20
507	N	N	200	1.0	50	.07	50	.50	500	<20
508	N	N	700	1.5	50	.20	70	.70	500	<20
509	N	N	500	1.0	50	.20	70	.70	1,000	<20
510	N	N	1,000	1.0	50	.20	50	.70	500	<20
511	N	N	1,500	1.0	70	.15	50	.20	300	<20
512	N	N	500	1.0	50	.20	50	.50	500	<20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
405	20	<100	.200	--	50	N	--	20	70
406	20	100	.300	--	50	N	--	15	70
407	30	<100	.300	--	70	N	--	20	70
408	N	<100	.100	--	20	N	--	10	50
409	30	<100	.200	--	100	N	--	20	70
410	20	<100	.200	--	50	N	--	10	50
411	50	<100	.500	--	70	N	--	50	50
412	10	<100	.150	--	70	N	--	10	50
413	50	<100	.300	--	70	N	--	30	50
414	10	<100	.100	--	70	N	--	10	30
415	30	<100	.300	--	100	N	--	30	50
426	20	<100	.300	--	70	N	--	20	50
427	15	<100	.100	--	50	N	--	10	50
428	15	<100	.100	--	50	N	--	150	50
429	10	100	.200	--	70	N	--	20	50
430	<5	<100	.050	--	50	N	--	N	50
431	15	<100	.100	--	70	N	--	100	50
432	10	<100	.200	--	70	N	--	10	50
433	10	<100	.150	--	50	N	--	10	30
434	10	<100	.200	--	50	N	--	70	50
463	15	<100	.200	--	50	N	--	15	70
472	15	<100	.050	--	70	N	--	10	70
473	15	<100	.100	--	70	N	--	10	70
474	20	<100	.100	--	70	N	--	15	70
475	20	<100	.100	--	100	N	--	10	70
476	20	100	.150	--	70	N	--	30	70
477	20	<100	.100	--	70	N	--	15	70
478	20	<100	.150	--	70	N	--	20	70
479	15	<100	.050	--	50	N	--	20	50
480	20	<100	.150	--	70	N	--	20	70
481	10	200	.200	N	100	N	2.0	30	100
497	10	150	.200	N	70	N	1.0	20	100
498	15	100	.300	N	70	N	2.0	50	150
500	15	<100	.300	N	70	N	1.0	50	100
502	10	<100	.200	N	100	N	2.0	30	150
503	10	<100	.200	N	70	N	1.0	30	150
504	10	100	.200	N	70	N	1.0	50	100
505	15	100	.200	N	70	N	1.0	30	100
506	15	100	.300	N	70	N	1.0	20	150
507	15	<100	.300	N	100	N	<1.0	20	150
508	15	100	.200	N	100	N	2.0	50	150
509	20	<100	.300	N	100	N	2.0	70	150
510	15	<100	.200	N	100	N	--	20	150
511	10	100	.200	N	100	N	1.0	20	150
512	10	100	.200	N	100	N	1.0	20	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
513	67 12 47	152 1 7	N	1	N	5	--	N	N	N	20
562	67 5 32	152 20 13	N	N	N	N	--	N	N	N	30
1597	67 10 53	152 29 11	N	N	N	10	--	N	N	N	50
1598	67 8 13	152 25 55	N	N	N	<5	--	N	N	N	30
1599	67 9 58	152 21 54	N	N	N	<5	--	N	N	N	30
1600	67 9 52	152 21 22	N	N	N	5	--	N	N	N	50
1605	67 13 10	152 7 12	N	N	N	10	--	N	N	N	100
1606	67 12 58	152 7 6	N	N	N	5	--	N	N	N	50
1607	67 7 47	152 5 52	N	N	N	N	--	N	N	N	15
1608	67 8 8	152 9 24	N	N	N	5	--	N	N	N	30
1609	67 9 11	152 0 50	N	N	N	<5	--	N	N	N	50
1610	67 6 20	152 10 26	N	N	N	N	--	N	N	N	20
1611	67 0 13	152 10 53	N	N	N	<5	--	N	N	N	20
1612	67 0 3	152 16 59	N	N	N	<5	--	N	N	N	50
1613	67 3 9	152 29 16	N	N	N	5	--	N	N	N	50
1614	67 3 3	152 28 54	N	N	N	<5	--	N	N	N	70
1615	67 6 4	152 22 16	N	N	N	<5	--	N	N	N	30
1616	67 5 24	152 23 48	N	N	N	<5	--	N	N	N	70
1617	67 4 38	152 24 22	N	N	N	<5	--	N	N	N	100
1854	67 3 26	152 6 9	N	N	N	10	--	N	--	<.5	15
1855	67 2 30	152 7 25	N	N	N	5	--	N	--	N	7
				Wiseman A6--continued							
2	67 9 22	152 46 32	100	1	N	10	--	N	N	N	20
3	67 9 22	152 46 32	N	N	N	4	--	N	N	N	7
4	67 11 8	152 51 38	N	--	N	--	--	N	N	N	20
5	67 11 7	152 54 37	N	N	N	N	--	N	N	N	30
6	67 10 34	152 58 23	N	N	N	15	--	N	N	N	50
7	67 11 35	152 47 57	N	--	N	--	--	N	N	N	30
8	67 11 45	152 48 24	N	2	N	20	--	N	N	N	30
9	67 11 11	152 45 2	N	1	N	15	--	N	N	N	30
10	67 12 42	152 38 8	N	N	N	5	--	N	N	N	50
11	67 12 42	152 38 8	N	1	N	10	--	N	N	N	50
13	67 12 0	152 34 24	N	--	N	--	--	N	N	N	50
14	67 12 10	152 34 19	N	N	N	N	--	N	N	N	30
15	67 10 44	152 35 19	N	--	N	--	--	N	N	N	30
362	67 14 36	152 33 32	N	--	N	--	--	N	--	N	50
363	67 14 41	152 33 11	N	N	N	15	--	N	--	N	70
364	67 14 11	152 35 1	N	N	N	30	--	N	N	N	100
365	67 13 44	152 37 2	N	N	N	20	--	N	N	N	50
366	67 13 39	152 38 21	N	N	N	15	--	N	N	N	100
367	67 13 43	152 39 46	N	N	N	20	--	N	N	N	100
416	67 8 27	152 33 23	N	<2	N	10	--	--	--	N	10

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
513	50	<200	170	N	.90	N	N	5.0	20	50	100
562	10	N	85	N	.55	N	N	3.0	20	30	100
1597	30	300	150	N	1.00	N	--	5.0	50	100	100
1598	20	200	100	N	.30	N	--	7.0	30	70	150
1599	20	<200	75	N	.30	N	--	5.0	20	70	150
1600	30	<200	120	N	.50	N	--	5.0	30	100	100
1605	20	200	150	N	.30	N	--	5.0	100	150	100
1606	20	200	110	N	.50	N	--	5.0	30	70	100
1607	10	<200	55	N	.10	N	--	3.0	15	50	70
1608	<10	<200	100	N	.40	N	--	5.0	30	100	100
1609	50	<200	120	N	.40	N	--	5.0	30	100	150
1610	10	<200	50	N	.20	N	--	3.0	10	50	70
1611	20	<200	50	N	.10	N	--	5.0	15	30	150
1612	20	<200	75	N	.20	N	--	5.0	20	70	150
1613	50	<200	110	N	.30	N	--	5.0	30	50	100
1614	50	<200	90	N	.30	N	--	5.0	30	50	100
1615	20	<200	80	N	.30	N	--	3.0	20	50	70
1616	20	<200	75	N	.30	N	--	2.0	<5	20	70
1617	50	200	130	N	.40	N	--	10.0	50	70	150
1854	10	N	45	N	.20	N	--	1.5	10	20	20
1855	<10	N	55	N	.10	N	--	1.5	10	20	50
					Wiseman A6--continued						
2	50	N	70	N	.35	N	N	5.0	30	50	150
3	10	N	80	N	.95	N	N	2.0	10	20	70
4	50	<200	110	N	--	N	--	5.0	70	70	150
5	30	<200	90	N	.40	N	N	3.0	30	50	100
6	30	<200	75	N	.40	N	N	5.0	100	70	150
7	50	<200	310	N	--	N	--	7.0	100	70	150
8	50	<200	100	N	.85	N	N	3.0	50	50	150
9	30	<200	90	N	.80	N	N	5.0	50	50	150
10	30	<200	60	N	.15	N	N	5.0	50	50	150
11	70	200	320	N	1.60	N	N	3.0	100	70	150
13	30	<200	140	N	--	N	--	3.0	100	100	150
14	30	<200	160	N	.30	N	N	3.0	50	100	150
15	30	N	110	N	--	N	--	3.0	30	70	150
362	10	N	50	N	--	N	--	5.0	50	30	100
363	20	N	60	N	.15	N	N	5.0	50	30	150
364	30	N	55	N	N	N	N	10.0	50	20	200
365	30	<200	65	N	.05	N	N	5.0	30	30	200
366	50	N	65	N	.05	N	N	10.0	30	30	200
367	50	N	70	N	.05	N	N	10.0	20	20	200
416	15	N	120	N	.75	N	--	3.0	7	70	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
513	N	N	1,000	1.0	50	.10	70	.70	500	<20
562	N	N	500	1.0	20	1.00	50	.70	700	<20
1597	N	N	1,000	2.0	100	1.50	50	1.50	1,000	20
1598	<5	N	700	2.0	150	.20	50	1.00	1,000	20
1599	N	N	500	2.0	100	.20	50	.70	1,000	20
1600	N	N	700	1.5	100	.15	50	1.00	500	20
1605	N	N	300	2.0	100	.30	50	1.00	1,500	<20
1606	N	N	700	2.0	150	.30	50	1.50	500	<20
1607	N	N	300	2.0	100	.20	50	.50	700	<20
1608	N	N	500	2.0	100	.15	50	1.00	700	<20
1609	N	N	500	2.0	100	.15	50	1.00	700	<20
1610	N	N	300	2.0	100	.30	50	.50	1,000	<20
1611	N	N	500	2.0	100	.50	50	.70	1,000	<20
1612	N	N	500	2.0	100	.30	50	1.00	700	<20
1613	N	N	700	2.0	100	.30	50	1.00	2,000	20
1614	N	N	700	1.0	100	.30	50	1.00	700	<20
1615	N	N	300	2.0	100	.30	50	1.00	300	<20
1616	N	N	500	2.0	70	.50	50	.50	500	<20
1617	N	N	1,000	2.0	50	2.00	50	2.00	2,000	20
1854	N	N	150	1.0	70	.30	20	.50	500	N
1855	N	N	150	1.0	50	.15	N	.30	700	N
Wiseman A6--continued										
2	N	N	700	1.0	30	1.50	100	2.00	300	<20
3	N	N	700	1.0	20	.70	50	1.00	300	<20
4	N	N	1,000	1.0	50	.50	50	1.00	300	<20
5	N	N	500	1.0	50	.30	50	.70	300	<20
6	N	N	300	1.0	50	.30	50	1.00	500	<20
7	N	N	700	1.0	70	.30	300	.70	300	<20
8	N	N	700	1.0	70	.20	50	.70	300	<20
9	N	N	700	1.0	50	1.00	50	1.00	300	<20
10	N	N	500	1.0	70	.30	50	.70	500	<20
11	N	N	700	1.0	70	.50	100	1.00	300	<20
13	N	N	1,000	1.0	50	.70	100	1.00	500	<20
14	N	N	1,000	1.0	70	.70	100	.70	300	<20
15	N	N	700	1.0	70	1.00	50	1.00	300	<20
362	N	N	200	1.5	50	.20	50	1.00	500	<20
363	N	N	200	1.5	70	.50	50	1.00	1,000	<20
364	N	N	300	1.5	100	.30	50	1.00	700	<20
365	N	N	500	1.5	70	.30	50	1.00	300	<20
366	N	N	500	1.5	100	.10	50	1.50	200	<20
367	N	N	500	1.5	100	.10	50	1.50	200	<20
416	<5	20	700	N	20	1.50	N	1.00	500	20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
513	15	<100	.300	N	100	N	1.0	30	150
562	20	150	.300	N	150	N	2.0	20	100
1597	20	<100	.500	N	200	N	--	50	150
1598	20	100	.500	N	200	N	--	50	200
1599	20	100	.500	N	200	N	--	50	150
1600	20	100	.500	N	200	N	--	30	200
1605	20	<100	.500	N	150	N	--	50	200
1606	15	N	.300	N	150	N	--	20	100
1607	15	N	.300	N	150	N	--	20	150
1608	20	N	.500	N	150	N	--	30	150
1609	20	N	.500	N	200	N	--	30	100
1610	15	<100	.300	N	150	N	--	20	100
1611	20	<100	.500	N	200	N	--	50	200
1612	20	<100	.500	N	200	N	--	30	150
1613	20	<100	.500	N	200	N	--	50	150
1614	20	<100	.300	N	200	N	--	50	150
1615	10	N	.300	N	150	N	--	30	150
1616	20	<100	.300	N	200	N	--	70	150
1617	30	<100	1.000	N	300	N	--	50	150
1854	10	N	.200	N	100	N	--	20	100
1855	7	N	.150	N	70	N	--	15	50
Wiseman A6--continued									
2	20	200	.500	--	200	N	5.0	70	100
3	15	200	.300	--	150	N	1.0	50	100
4	20	100	.500	--	150	N	--	30	100
5	15	100	.700	--	150	N	--	20	70
6	50	100	1.000	--	150	N	2.0	50	200
7	20	100	.500	--	150	N	3.0	150	100
8	20	100	.500	--	150	N	4.0	70	100
9	20	100	.700	--	200	N	1.0	50	200
10	30	100	1.000	--	150	N	<1.0	30	150
11	30	100	.700	--	200	N	1.0	70	100
13	20	100	.700	--	200	N	<1.0	50	100
14	20	100	.700	--	200	N	<1.0	50	150
15	20	100	.500	--	200	N	<1.0	30	150
362	30	<100	.700	--	150	N	--	30	200
363	50	<100	1.000	--	150	N	--	50	200
364	50	100	1.000	--	200	N	2.0	50	200
365	20	100	.700	--	200	N	1.0	20	200
366	50	150	.500	--	300	N	1.0	30	200
367	50	150	.500	--	300	N	2.0	30	200
416	10	<100	.150	--	100	N	--	N	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
417	67 8 27	152 33 23	N	--	N	--	--	--	--	N	30
418	67 5 6	152 43 52	N	<2	N	5	--	--	--	N	10
419	67 5 6	152 43 52	N	--	N	--	--	--	--	N	15
420	67 7 16	152 42 39	N	<2	N	15	--	--	--	N	100
421	67 7 16	152 42 39	N	--	N	--	--	--	--	1.0	15
422	67 8 8	152 40 3	N	<2	N	15	--	--	--	N	15
423	67 8 8	152 40 3	N	--	N	--	--	--	--	N	15
424	67 13 5	152 43 26	N	<2	N	15	--	--	--	N	<5
425	67 13 5	152 43 26	N	--	N	--	--	--	--	N	15
435	67 11 26	152 31 7	N	<2	N	10	--	--	--	N	20
436	67 11 33	152 41 21	N	<2	N	10	--	--	--	N	30
437	67 8 28	152 56 4	N	--	N	--	--	--	--	N	15
438	67 8 28	152 56 4	N	--	N	--	--	--	--	N	30
439	67 8 24	152 46 45	N	<2	N	10	--	--	--	N	10
440	67 8 24	152 46 45	N	--	N	--	--	--	--	N	15
442	67 12 30	152 42 27	N	<2	N	10	--	--	--	N	20
443	67 12 30	152 42 27	N	--	N	--	--	--	--	N	10
444	67 14 3	152 46 13	N	N	N	5	--	--	--	N	5
445	67 14 3	152 46 13	N	--	N	--	--	--	--	N	20
446	67 14 17	152 46 30	N	<2	N	10	--	--	--	N	20
447	67 14 17	152 46 30	N	--	N	--	--	--	--	1.0	20
448	67 13 9	152 47 51	N	<2	N	25	--	--	--	N	50
449	67 12 52	152 48 49	N	<2	N	15	--	--	--	N	50
450	67 13 4	152 48 49	N	--	N	--	--	--	--	N	30
451	67 12 37	152 51 21	N	<2	N	20	--	--	--	N	50
452	67 12 36	152 51 53	N	<2	N	15	--	--	--	N	70
464	67 14 46	152 59 35	N	<2	N	5	--	--	--	N	10
465	67 14 46	152 59 35	N	--	N	--	--	--	--	N	10
467	67 13 50	152 57 4	N	--	N	--	--	--	--	N	50
468	67 13 46	152 56 26	N	<2	N	20	--	--	--	N	100
469	67 14 46	152 51 22	N	<2	N	5	--	--	--	N	10
470	67 14 52	152 57 7	N	<2	N	10	--	--	--	N	30
1575	67 13 38	152 51 47	N	N	N	15	--	N	N	N	100
1576	67 13 30	152 51 14	N	N	N	10	--	N	N	N	100
1577	67 14 52	152 56 39	N	N	N	5	--	N	N	N	100
1579	67 14 21	152 43 11	N	N	N	<5	--	N	N	N	30
1580	67 11 44	152 42 6	N	N	N	5	--	N	N	N	50
1581	67 11 38	152 41 8	N	N	N	5	--	N	N	N	30
1582	67 11 2	152 40 7	N	N	N	10	--	N	N	N	50
1583	67 9 2	152 41 17	N	N	N	5	--	N	N	N	20
1584	67 9 45	152 55 30	N	N	N	<5	--	N	N	N	15
1585	67 9 38	152 56 27	N	N	N	<5	--	N	N	N	15
1586	67 9 24	152 56 37	N	N	N	<5	--	N	N	N	50
1587	67 7 41	152 45 23	N	N	N	<5	--	N	N	N	50
1588	67 7 54	152 50 20	N	N	N	<5	--	N	N	N	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
417	20	N	120	N	--	N	--	5.0	10	50	200
418	N	N	70	N	.20	N	--	3.0	5	15	20
419	10	N	70	N	--	N	--	5.0	10	20	150
420	20	N	70	N	1.70	N	--	3.0	10	20	50
421	N	N	60	N	--	N	--	20.0	20	20	200
422	20	N	130	N	.40	N	--	3.0	5	30	100
423	20	N	110	N	--	N	--	3.0	5	10	70
424	N	N	50	N	.10	N	--	2.0	5	5	15
425	30	N	70	N	--	N	--	5.0	10	15	150
435	15	N	100	N	.25	N	--	5.0	15	20	100
436	15	N	120	N	.65	N	--	3.0	10	50	100
437	20	N	--	N	--	N	--	2.0	7	50	100
438	10	N	110	N	--	N	--	3.0	7	20	200
439	10	N	70	N	.30	N	--	2.0	5	15	50
440	20	N	90	N	--	N	--	7.0	10	20	300
442	15	N	110	N	.45	N	--	5.0	10	20	200
443	10	N	120	N	--	N	--	3.0	10	20	30
444	10	N	70	N	.05	N	--	2.0	5	10	20
445	50	N	140	N	--	N	--	5.0	10	15	150
446	10	N	90	N	.05	N	--	5.0	20	20	70
447	N	N	60	N	--	N	--	15.0	20	20	300
448	15	N	90	N	.05	N	--	3.0	5	15	50
449	20	N	80	N	<.05	N	--	3.0	N	10	50
450	10	N	--	N	--	N	--	5.0	N	5	30
451	15	N	160	N	.50	N	--	5.0	20	70	50
452	20	N	90	N	<.05	N	--	5.0	5	10	50
464	10	N	70	N	.10	N	--	2.0	10	20	20
465	10	N	90	N	--	N	--	3.0	10	30	200
467	15	N	--	N	--	N	--	3.0	30	50	50
468	10	N	140	N	.35	N	--	2.0	100	70	30
469	10	N	70	N	.10	N	--	2.0	5	10	30
470	10	N	90	N	.15	N	--	3.0	30	50	50
1575	50	N	130	N	.40	N	--	7.0	150	150	150
1576	20	200	100	N	.20	N	--	7.0	100	100	100
1577	20	200	120	N	.20	N	--	7.0	100	100	100
1579	20	<200	65	N	<.10	N	--	7.0	20	50	70
1580	20	<200	100	N	.70	N	--	5.0	30	70	100
1581	30	200	110	N	.40	N	--	7.0	50	50	100
1582	30	200	100	N	.70	N	--	7.0	30	70	100
1583	20	200	60	N	.20	N	--	5.0	20	50	70
1584	20	<200	45	N	.20	N	--	5.0	10	20	70
1585	20	<200	40	N	.10	N	--	5.0	10	30	70
1586	30	<200	70	N	.20	N	--	5.0	20	50	100
1587	20	<200	80	N	.50	N	--	5.0	20	50	100
1588	20	<200	80	N	.30	N	--	5.0	20	70	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
417	<5	N	200	N	20	.70	N	1.00	1,000	20
418	N	N	100	N	10	.70	N	.20	500	20
419	<5	N	500	N	15	1.50	N	1.50	1,000	20
420	<5	50	100	N	15	3.00	N	.50	500	N
421	10	N	N	N	20	1.00	N	.15	2,000	20
422	N	N	300	N	15	.30	20	.30	500	N
423	N	N	50	N	15	.30	20	.20	1,000	N
424	N	N	50	N	10	10.00	20	.30	200	N
425	N	N	50	N	15	7.00	N	1.00	700	20
435	N	N	100	N	15	.20	20	.50	1,000	20
436	<5	N	1,000	N	15	.50	20	1.00	700	20
437	<5	N	300	N	20	.20	20	1.00	200	20
438	N	N	300	N	10	.70	20	1.00	500	20
439	N	N	300	N	10	.50	20	1.00	700	20
440	<5	N	300	N	20	1.00	50	1.50	2,000	20
442	<5	N	150	N	20	.70	20	.50	1,500	20
443	N	N	100	N	20	.05	20	1.00	200	20
444	N	N	100	N	20	.05	20	1.00	200	20
445	N	N	30	N	20	.10	20	1.00	500	20
446	N	N	50	N	20	.50	20	1.00	2,000	20
447	<5	N	N	N	20	2.00	N	.50	>5,000	N
448	N	N	150	N	20	.10	20	.50	200	N
449	N	N	150	N	20	.10	20	.50	200	N
450	N	N	100	N	15	.15	20	1.00	700	N
451	N	N	500	N	15	.20	30	1.00	500	N
452	N	N	150	N	20	.10	N	1.00	300	N
464	N	N	100	N	10	.20	30	.50	1,500	N
465	N	N	100	N	20	.30	20	1.00	1,000	N
467	N	N	100	N	15	.20	70	.50	1,500	20
468	N	N	150	N	20	.10	50	.50	1,500	20
469	N	N	20	N	20	.05	20	.20	200	20
470	N	N	50	N	15	.15	30	.30	1,500	20
1575	N	N	500	3.0	100	1.50	70	1.50	5,000	20
1576	N	N	300	2.0	100	1.00	50	1.00	3,000	20
1577	N	N	300	3.0	100	1.50	50	1.50	5,000	20
1579	N	N	300	2.0	150	1.50	50	1.50	5,000	20
1580	N	N	700	2.0	100	1.50	50	1.50	1,000	20
1581	N	N	500	2.0	70	1.50	50	1.50	3,000	20
1582	N	N	700	2.0	100	1.50	50	1.50	700	20
1583	N	N	700	2.0	100	1.00	50	1.00	700	20
1584	N	N	700	2.0	100	1.00	50	1.00	1,000	20
1585	N	N	700	2.0	100	1.00	50	1.00	1,000	20
1586	N	N	700	2.0	100	1.00	50	1.00	1,000	20
1587	N	N	700	2.0	100	1.00	50	1.00	1,000	20
1588	N	N	700	2.0	100	1.50	50	1.50	1,000	20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
417	20	<100	.200	--	50	N	--	20	50
418	20	<100	.500	--	70	N	--	15	50
419	20	<100	.300	--	100	N	--	15	50
420	20	150	.200	--	50	N	--	15	50
421	70	N	.700	--	300	N	--	100	20
422	15	<100	.200	--	50	N	--	15	30
423	20	N	.100	--	20	N	--	20	20
424	10	1,000	.200	--	20	N	--	10	20
425	15	200	.500	--	30	N	--	20	30
435	30	<100	.300	--	70	N	--	20	70
436	30	100	.200	--	100	N	--	15	50
437	20	<100	.150	--	50	N	--	15	50
438	20	100	.200	--	50	N	--	15	30
439	10	100	.200	--	50	N	--	10	50
440	30	150	.200	--	70	N	--	50	70
442	30	<100	.200	--	50	N	--	50	50
443	10	<100	.150	--	30	N	--	15	50
444	10	<100	.150	--	30	N	--	10	50
445	15	<100	.300	--	50	N	--	15	50
446	50	<100	.200	--	50	N	--	50	50
447	100	<100	.200	--	70	N	--	100	50
448	10	<100	.150	--	70	N	--	10	50
449	15	<100	.150	--	70	N	--	15	50
450	10	N	.100	--	50	N	--	10	50
451	10	<100	.100	--	70	N	--	20	50
452	10	<100	.150	--	50	N	--	10	50
464	10	<100	.100	--	30	N	--	15	50
465	10	<100	.200	--	50	N	--	15	50
467	20	<100	.070	--	50	N	--	50	50
468	15	<100	.100	--	50	N	--	50	70
469	10	<100	.100	--	30	N	--	10	70
470	20	<100	.150	--	50	N	--	20	50
1575	30	<100	.700	N	200	N	--	70	200
1576	30	N	.500	N	200	N	--	70	200
1577	30	N	.700	N	200	N	--	70	200
1579	20	N	.500	N	100	N	--	70	200
1580	20	<100	.500	N	150	N	--	50	200
1581	30	<100	.500	N	200	N	--	70	200
1582	20	<100	.500	N	200	N	--	50	200
1583	10	<100	.500	N	150	N	--	20	200
1584	10	<100	.500	N	100	N	--	50	150
1585	20	<100	.500	N	200	N	--	50	150
1586	20	<100	.500	N	200	N	--	50	200
1587	20	<100	.500	N	200	N	--	70	200
1588	20	<100	.500	N	200	N	--	30	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1589	67 6 20	152 54 56	N	N	N	<5	---	N	N	N	50
1590	67 2 43	152 40 26	N	N	N	N	---	N	N	N	20
1591	67 2 53	152 46 40	N	N	N	<5	---	N	N	N	50
1592	67 2 16	152 59 24	N	N	N	<5	---	N	N	N	50
1593	67 5 27	152 40 23	N	N	N	N	---	N	N	N	50
1594	67 5 4	152 36 3	N	N	N	<5	---	N	N	N	150
1595	67 9 27	152 32 10	N	N	N	<5	---	N	N	N	50
1596	67 9 28	152 32 52	N	N	N	5	---	N	N	N	50
				Wiseman B1--continued							
1127	67 29 45	150 23 41	N	1	N	<5	---	N	N	N	30
1128	67 28 10	150 27 41	N	5	N	20	---	N	N	N	50
1141	67 29 37	150 5 56	N	5	N	35	.04	N	N	N	50
1142	67 29 12	150 1 35	N	2	N	10	---	N	N	N	30
1143	67 27 1	150 5 8	N	4	N	25	.18	N	N	N	50
1143A	67 27 1	150 5 8	N	4	N	25	.12	N	N	N	70
1144	67 27 29	150 1 16	N	1	N	<5	---	N	N	N	30
1145	67 25 0	150 2 52	N	3	N	5	---	N	N	N	30
1146	67 25 28	150 8 37	N	<1	N	<5	---	N	N	N	30
1147	67 27 2	150 15 17	N	1	N	<5	---	N	N	N	30
1148	67 28 5	150 14 25	N	25	N	45	.04	N	N	N	50
1149	67 28 15	150 17 26	N	<1	N	2	---	N	N	N	30
1150	67 27 47	150 18 0	N	2	N	<5	---	N	N	N	30
1151	67 26 8	150 22 0	N	2	N	<5	---	N	N	N	30
1152	67 25 43	150 21 14	N	2	N	<5	---	N	N	N	50
1450	67 20 28	150 19 56	N	<2	N	10	---	N	---	N	20
1500	67 22 41	150 10 23	N	N	N	10	---	N	---	N	50
1501	67 21 57	150 5 53	N	N	N	10	---	N	---	N	50
1501A	67 21 57	150 5 53	N	N	N	10	---	N	---	N	50
1502	67 20 52	150 11 30	N	N	N	10	---	N	---	N	30
1503	67 23 28	150 8 51	N	N	N	10	---	N	---	N	200
1504	67 19 16	150 12 15	N	N	N	10	---	N	---	N	30
1505	67 19 33	150 15 42	N	N	N	15	---	N	---	N	30
1506	67 19 44	150 15 42	N	N	N	10	---	N	---	N	50
1507	67 19 48	150 15 20	N	N	N	10	---	N	---	N	30
1508	67 20 6	150 0 43	N	N	N	15	---	N	---	N	70
1509	67 18 59	150 7 18	N	N	N	1	---	N	---	N	70
1510	67 17 50	150 12 28	N	N	N	1	---	N	---	N	50
1511	67 16 43	150 7 33	N	N	N	5	---	N	---	N	70
1512	67 15 29	150 13 41	N	N	N	<5	---	N	---	N	70

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
1589	50	<200	90	N	.40	N	--	3.0	20	70	100
1590	20	<200	50	N	.10	N	--	5.0	20	50	50
1591	20	<200	60	N	.20	N	--	5.0	20	70	100
1592	20	<200	85	N	.30	N	--	5.0	20	70	100
1593	20	<200	65	N	.20	N	--	5.0	20	50	100
1594	20	200	160	N	.50	N	--	5.0	30	70	100
1595	20	200	110	N	.40	N	--	7.0	30	100	150
1596	20	200	130	N	1.20	N	--	5.0	50	100	100
					Wiseman B1--continued						
1127	10	N	50	N	.10	N	<1	7.0	20	30	100
1128	15	N	60	N	.20	N	<1	5.0	30	50	100
1141	30	N	50	N	.10	N	<1	5.0	20	50	100
1142	10	N	65	N	.30	N	<1	3.0	15	30	70
1143	20	N	60	N	.10	N	<1	7.0	30	30	150
1143A	30	N	60	N	.10	N	<1	7.0	30	70	150
1144	15	N	60	N	.10	N	<1	7.0	30	70	100
1145	30	<200	100	N	.70	N	<1	5.0	20	100	100
1146	10	<200	85	N	.85	N	<1	5.0	30	70	150
1147	15	<200	60	N	.10	N	<1	5.0	20	50	100
1148	10	N	40	N	.10	N	<1	3.0	20	30	70
1149	10	N	50	N	.10	N	<1	7.0	20	30	100
1150	20	<200	70	N	.35	N	<1	7.0	20	70	150
1151	10	N	25	N	.15	N	<1	5.0	20	30	100
1152	20	<200	110	N	.90	N	<1	5.0	50	100	100
1450	10	N	55	N	.40	N	--	3.0	20	50	50
1500	20	200	80	N	.30	N	--	5.0	30	50	100
1501	10	200	110	N	.50	N	--	5.0	50	70	100
1501A	10	200	100	N	.50	N	--	5.0	50	70	150
1502	15	<200	65	N	.20	N	--	5.0	20	70	100
1503	15	500	200	N	2.20	N	--	5.0	100	150	100
1504	70	N	50	N	.20	N	--	2.0	7	30	50
1505	<10	N	55	N	.20	N	--	5.0	20	50	70
1506	20	N	50	N	.20	N	--	3.0	15	50	70
1507	10	N	45	N	.20	N	--	3.0	20	50	70
1508	20	300	110	N	.60	N	--	5.0	30	70	100
1509	10	200	110	N	.70	N	--	3.0	50	70	100
1510	30	<200	55	N	.20	N	--	3.0	20	70	100
1511	10	200	95	N	.50	N	--	5.0	70	70	100
1512	10	N	190	N	2.90	N	--	3.0	100	150	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
1589	N	N	700	3.0	100	1.00	50	1.00	700	<20
1590	N	N	300	1.5	100	1.00	50	1.00	1,000	<20
1591	N	N	500	2.0	100	1.00	50	1.00	1,000	20
1592	N	N	1,000	2.0	100	1.00	50	1.00	1,000	<20
1593	N	N	500	2.0	100	1.00	50	1.00	1,500	20
1594	<5	N	1,500	2.0	100	1.50	50	1.50	2,000	20
1595	N	N	1,000	2.0	100	2.00	50	2.00	1,000	20
1596	N	N	700	2.0	100	1.50	70	1.50	1,000	20
					Wiseman B1--continued					
1127	N	N	200	1.0	150	.70	50	1.50	2,000	N
1128	N	N	200	1.0	200	.50	20	1.50	1,500	N
1141	N	N	300	1.5	300	.15	50	1.00	3,000	N
1142	N	N	200	1.0	150	1.00	N	1.00	1,500	N
1143	N	N	300	1.5	150	3.00	50	1.50	1,500	N
1143A	N	N	300	1.5	200	.70	70	1.50	1,500	N
1144	N	N	300	1.5	150	.30	30	1.50	1,500	N
1145	N	N	300	1.0	100	.30	30	1.00	1,000	N
1146	N	N	300	1.0	100	.20	50	1.50	1,500	N
1147	N	N	300	1.5	150	.15	N	1.50	>5,000	N
1148	N	N	200	1.0	150	.20	20	.50	2,000	N
1149	N	N	300	1.0	70	1.50	N	1.50	2,000	N
1150	N	N	300	1.5	150	1.00	20	1.50	2,000	N
1151	N	N	200	1.0	150	.20	20	1.00	1,500	N
1152	N	N	700	1.5	100	3.00	70	1.50	1,500	N
1450	<5	N	300	1.5	100	1.00	N	1.00	700	N
1500	N	N	500	1.0	150	2.00	N	2.00	700	N
1501	N	N	500	2.0	100	.10	20	.70	700	N
1501A	N	N	700	2.0	100	.15	20	1.00	1,000	N
1502	N	N	300	1.5	100	5.00	N	1.50	500	N
1503	N	N	700	2.0	200	2.00	100	1.50	1,500	N
1504	N	N	300	1.5	70	10.00	N	1.50	500	N
1505	N	N	500	2.0	100	3.00	N	1.50	700	N
1506	N	N	500	1.5	100	3.00	N	1.50	500	N
1507	N	N	300	1.5	100	7.00	N	1.50	500	N
1508	N	N	700	3.0	150	.15	30	1.50	700	N
1509	N	N	700	2.0	150	.20	20	1.50	1,000	N
1510	N	N	700	2.0	150	.50	20	1.50	700	N
1511	N	N	1,000	2.0	150	.30	20	1.50	1,500	N
1512	N	N	500	2.0	100	.30	70	.70	1,000	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
1589	15	<100	.300	N	150	N	--	30	150
1590	10	<100	.500	N	200	N	--	20	100
1591	20	<100	.500	N	200	N	--	30	100
1592	20	<100	.300	N	200	N	--	30	150
1593	20	<100	.500	N	200	N	--	30	150
1594	30	<100	.500	N	300	N	--	50	200
1595	20	<100	.500	N	200	N	--	50	200
1596	20	<100	.500	N	200	N	--	70	150
				Wiseman B1--continued					
1127	15	100	1.000	N	150	N	--	50	200
1128	20	100	.300	N	150	N	--	20	100
1141	20	150	.500	N	150	N	--	30	200
1142	15	150	.500	N	150	N	--	30	200
1143	30	500	.500	N	150	N	--	50	200
1143A	30	200	.500	N	200	N	--	50	200
1144	20	150	.500	N	200	N	--	30	200
1145	15	100	.500	N	200	N	--	20	200
1146	20	100	.700	N	200	N	--	50	200
1147	20	<100	.300	N	150	N	--	50	200
1148	15	100	.500	N	100	N	--	30	100
1149	20	700	.500	N	150	N	--	20	100
1150	30	100	.700	N	200	N	--	50	150
1151	15	<100	.700	N	150	N	--	30	150
1152	15	200	.500	N	150	N	--	70	100
1450	10	200	.200	N	100	N	--	20	70
1500	20	100	.500	N	150	N	--	30	100
1501	15	N	.700	N	200	N	--	30	150
1501A	20	100	.700	N	200	N	--	30	200
1502	15	100	.500	N	200	N	--	30	100
1503	15	100	.500	N	200	N	--	50	100
1504	10	300	.200	N	150	N	--	30	50
1505	15	100	.300	N	200	N	--	15	100
1506	15	150	.300	N	200	N	--	15	70
1507	15	200	.300	N	200	N	--	20	100
1508	20	100	.500	N	200	N	--	20	150
1509	20	<100	.700	N	300	N	--	30	200
1510	15	100	.300	N	200	N	--	30	200
1511	20	100	.500	N	300	N	--	30	200
1512	15	N	.300	N	150	N	--	200	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1514	67 15 9	150 18 27	N	N	N	5	--	N	--	N	70
1515	67 15 15	150 17 50	N	N	N	5	--	N	--	N	100
1720	67 24 46	150 1 58	N	N	N	10	--	N	--	N	100
1721	67 25 25	150 11 49	N	N	N	5	--	N	--	N	70
1722	67 27 3	150 19 58	N	N	N	15	--	N	--	N	30
1723	67 27 16	150 23 15	N	N	N	5	--	N	--	N	50
1724	67 24 34	150 20 33	N	N	N	5	--	N	--	N	100
1725	67 24 38	150 20 1	N	N	N	5	--	N	--	N	70
1726	67 25 31	150 29 31	N	N	N	5	--	N	--	N	70
1728	67 22 51	150 29 23	N	2	N	<5	--	N	--	N	50
1729	67 23 9	150 29 1	N	N	N	15	--	N	--	N	70
1730	67 22 52	150 24 3	N	4	N	5	--	N	--	N	70
1731	67 23 10	150 24 13	N	4	N	20	--	N	--	N	100
1732	67 18 13	150 25 49	N	N	N	10	--	N	--	N	50
1733	67 18 25	150 26 10	N	4	N	10	--	N	--	N	70
1734	67 17 53	150 28 34	N	2	N	5	--	N	--	N	70
1735	67 16 58	150 18 14	N	2	N	10	--	N	--	N	100
1736	67 28 5	150 10 9	N	2	N	20	.04	N	--	N	50
1737	67 28 22	150 12 49	N	5	N	50	.06	N	--	N	100
1948	67 19 5	150 2 21	N	<2	N	15	--	N	--	N	50
1949	67 19 48	150 18 0	N	2	N	15	--	N	--	N	30
1951	67 22 37	150 13 8	N	<2	N	10	--	N	--	N	30
1952	67 25 5	150 14 14	N	3	N	15	--	N	--	N	30
1953	67 24 49	150 13 32	N	2	N	10	--	N	--	N	50
1954	67 27 49	150 5 10	N	5	N	20	<.02	N	--	N	20
1955	67 29 29	150 3 30	N	2	N	20	--	N	--	N	20
1956	67 20 57	150 11 51	N	3	N	20	--	N	--	<.5	20
1957	67 20 51	150 12 23	N	2	N	35	--	N	--	N	15
1981	67 28 57	150 12 42	N	3	N	10	.02	N	--	N	50
1982	67 29 23	150 11 37	N	9	N	85	.06	N	--	N	20
1983	67 29 25	150 12 4	N	<1	N	20	<.02	N	--	N	20
1994	67 29 11	150 13 41	N	N	N	5	--	N	--	N	15
1995	67 29 13	150 5 23	N	5	N	35	.04	N	--	N	20
2001	67 21 48	150 21 41	N	5	N	5	--	N	--	N	100
2002	67 21 32	150 22 45	N	N	N	15	--	N	--	N	100
2003	67 22 5	150 27 10	N	N	N	15	--	N	--	N	70
2004	67 21 47	150 27 26	N	N	N	5	--	N	--	N	150
2005	67 23 10	150 24 13	N	5	N	15	--	N	--	N	100
2006	67 22 52	150 24 3	N	N	N	5	--	N	--	N	70
2007	67 23 27	150 26 26	N	3	N	10	--	N	--	N	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
1514	20	<200	90	N	.60	N	---	7.0	50	70	150
1515	20	<200	85	N	.60	N	---	7.0	50	70	100
1720	20	300	140	N	.50	N	---	7.0	30	N	150
1721	10	200	120	N	1.10	N	---	5.0	70	N	100
1722	N	N	25	N	<.10	N	---	3.0	15	30	30
1723	N	N	45	N	<.10	N	---	5.0	20	50	70
1724	15	200	110	N	.70	N	---	5.0	50	100	150
1725	15	<200	75	N	.90	N	---	5.0	30	70	100
1726	15	<200	65	N	.30	N	---	10.0	30	70	100
1728	10	<200	70	N	.80	N	---	3.0	30	70	100
1729	10	<200	60	N	.10	N	---	5.0	30	50	100
1730	10	300	120	N	1.00	N	---	5.0	50	100	150
1731	15	700	440	N	5.20	N	---	5.0	50	100	100
1732	<10	N	50	N	.40	N	---	5.0	30	50	100
1733	<10	300	150	N	2.30	N	---	5.0	100	150	100
1734	10	<200	90	N	1.00	N	---	5.0	50	100	100
1735	15	<200	65	N	.40	N	---	7.0	30	70	100
1736	<10	N	45	N	<.10	N	---	5.0	30	50	70
1737	<10	N	70	N	<.10	N	---	5.0	30	50	70
1948	20	<200	85	N	.80	N	---	3.0	50	70	50
1949	<10	N	55	N	.40	N	---	3.0	20	50	30
1951	15	N	40	N	.20	N	---	5.0	20	50	30
1952	10	200	110	N	1.10	N	---	3.0	50	70	50
1953	20	200	200	N	2.00	N	---	2.0	70	150	70
1954	<10	N	50	N	<.10	N	---	2.0	15	30	20
1955	10	N	50	N	<.10	N	---	2.0	20	20	30
1956	30	N	55	N	.20	N	---	2.0	15	30	50
1957	20	N	65	N	.40	N	---	2.0	20	30	50
1981	<10	N	100	N	.20	N	---	2.0	20	50	20
1982	<10	N	55	N	N	N	---	2.0	20	20	15
1983	10	N	50	N	N	N	---	2.0	20	20	30
1994	10	N	110	N	N	N	---	2.0	15	20	30
1995	10	N	100	N	.10	N	---	2.0	20	30	20
2001	15	300	140	N	1.40	N	---	3.0	50	70	100
2002	30	<200	80	N	.10	N	---	3.0	N	30	100
2003	10	N	85	N	1.20	N	---	5.0	30	70	100
2004	<10	<200	55	N	.50	N	---	7.0	30	70	150
2005	<10	700	410	N	5.80	N	---	5.0	50	70	70
2006	10	200	80	N	1.00	N	---	3.0	50	70	100
2007	20	<200	50	N	<2.00	N	---	7.0	30	50	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
1514	N	N	1,000	3.0	150	.70	N	2.00	1,500	N
1515	N	N	300	2.0	150	.70	20	1.50	1,500	N
1720	N	N	700	2.0	150	.15	30	.70	700	N
1721	N	N	300	2.0	100	.30	50	1.50	2,000	N
1722	N	N	200	1.0	100	.15	N	.70	3,000	N
1723	N	N	300	2.0	150	.30	N	1.50	5,000	N
1724	<5	N	700	2.0	150	5.00	100	2.00	1,000	N
1725	<5	N	1,000	2.0	100	5.00	70	2.00	700	N
1726	N	N	300	1.5	150	1.50	20	2.00	1,500	N
1728	N	N	1,000	1.5	100	3.00	N	2.00	700	N
1729	N	N	500	2.0	150	.30	N	1.50	2,000	N
1730	N	N	1,000	2.0	150	1.00	70	1.50	700	N
1731	20	N	1,500	1.5	150	5.00	20	3.00	1,000	N
1732	N	N	500	2.0	150	2.00	N	1.50	700	N
1733	N	N	700	2.0	150	.20	100	1.50	1,500	N
1734	N	N	700	2.0	150	1.00	50	1.50	1,000	N
1735	N	N	500	2.0	150	1.50	N	1.50	700	N
1736	N	N	300	1.5	150	.15	N	1.00	3,000	N
1737	N	N	300	1.0	150	.70	N	1.00	3,000	N
1948	N	N	700	2.0	70	.30	100	1.00	1,500	N
1949	<5	N	150	1.0	50	1.50	N	1.00	700	N
1951	N	N	200	1.5	100	.50	N	1.00	1,000	N
1952	N	N	700	2.0	100	1.50	100	1.00	2,000	N
1953	N	N	500	2.0	100	.20	300	1.00	1,000	N
1954	N	N	100	1.0	100	.20	N	.50	1,000	N
1955	N	N	100	1.0	70	.20	N	.70	1,500	N
1956	N	N	200	1.5	100	.20	<20	1.00	200	N
1957	N	N	200	1.5	50	.50	N	1.00	500	N
1981	N	N	150	1.5	100	.20	N	.70	2,000	N
1982	N	N	150	1.0	100	.10	N	.30	5,000	N
1983	N	N	100	1.5	70	.20	N	.50	2,000	N
1994	N	N	100	1.0	50	.15	N	.70	1,000	N
1995	N	N	150	1.0	100	.50	<20	.50	3,000	N
2001	N	N	1,000	2.0	150	.30	100	1.00	1,000	N
2002	N	N	1,000	1.0	150	.07	70	1.50	500	N
2003	10	N	1,500	1.0	150	5.00	20	2.00	700	N
2004	N	N	1,500	2.0	200	3.00	20	3.00	1,000	N
2005	15	N	1,500	2.0	150	7.00	N	2.00	1,000	N
2006	N	N	700	2.0	150	3.00	50	1.50	700	N
2007	N	N	500	2.0	150	.30	20	1.50	1,500	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
1514	30	100	.700	N	300	N	--	50	200
1515	20	100	.500	N	300	N	--	30	200
1720	20	100	.700	N	200	N	--	20	300
1721	20	N	.500	N	200	N	--	20	150
1722	15	N	.500	N	100	N	--	30	100
1723	20	N	.500	N	200	N	--	30	150
1724	20	300	.500	N	300	N	--	50	200
1725	20	300	.300	N	300	N	--	30	100
1726	20	300	>1.000	N	300	N	--	30	200
1728	15	300	.300	N	200	N	--	20	100
1729	20	100	.500	N	200	N	--	30	150
1730	20	100	.500	N	300	N	--	50	150
1731	15	300	.300	N	300	N	--	30	100
1732	15	200	.300	N	200	N	--	10	100
1733	20	100	.500	N	200	N	--	70	200
1734	20	100	.500	N	200	N	--	30	150
1735	15	200	.500	N	200	N	--	30	150
1736	20	N	.500	N	150	N	--	30	150
1737	20	100	.300	N	150	N	--	30	200
1948	20	150	.300	N	150	N	--	50	70
1949	10	200	.200	N	70	N	--	15	30
1951	15	100	.300	N	100	N	--	20	70
1952	15	150	.200	N	100	N	--	70	50
1953	15	100	.300	N	150	N	--	150	100
1954	10	<100	.200	N	70	N	--	15	50
1955	10	<100	.300	N	100	N	--	20	50
1956	15	100	.200	N	150	N	--	20	70
1957	10	100	.200	N	100	N	--	10	50
1981	15	<100	.200	N	70	N	--	20	30
1982	10	<100	.200	N	70	N	--	20	30
1983	10	<100	.300	N	100	N	--	20	50
1994	15	N	.200	N	100	N	--	15	50
1995	10	<100	.150	N	70	N	--	20	50
2001	20	100	.500	N	200	N	--	50	100
2002	20	N	.300	N	200	N	--	10	150
2003	20	300	.300	N	300	N	--	20	100
2004	30	200	.500	N	300	N	--	50	200
2005	15	300	.300	N	200	N	--	30	100
2006	20	200	.500	N	200	N	--	30	100
2007	30	100	.500	N	150	N	--	50	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
					Wiseman B2--continued						
1129	67 27 32	150 33 47	N	<1	N	<5	--	N	N	N	70
1130	67 29 45	150 32 2	N	<1	N	<5	--	N	N	N	50
1153	67 26 28	150 32 24	N	2	N	<5	--	N	N	N	30
1154	67 26 50	150 32 23	N	2	N	<5	--	N	N	N	30
1155	67 25 32	150 36 11	N	2	N	<5	--	N	N	N	30
1156	67 27 24	150 38 46	N	<1	N	5	--	N	N	N	30
1157	67 26 50	150 41 55	N	<1	N	5	--	N	N	N	15
1158	67 27 31	150 48 29	N	<1	N	5	--	N	N	N	50
1159	67 27 12	150 54 6	N	<1	N	10	--	N	N	N	30
1239	67 28 52	150 58 14	N	<1	N	5	--	N	N	N	50
1240	67 25 4	150 50 58	N	<1	N	5	--	N	N	N	50
1241	67 24 10	150 55 53	N	<1	N	5	--	N	N	N	50
1242	67 23 52	150 55 54	N	<1	N	<5	--	N	N	N	50
1243	67 24 26	150 54 27	N	<1	N	10	--	N	N	N	50
1244	67 24 10	150 53 45	N	<1	N	5	--	N	N	N	50
1245	67 25 23	150 44 1	N	<1	N	<5	--	N	N	N	30
1246	67 22 23	150 47 20	N	<1	N	5	--	N	N	N	70
1247	67 18 28	150 55 5	N	<1	N	5	--	N	N	N	70
1248	67 18 53	150 48 53	N	<1	N	5	--	N	N	N	70
1249	67 18 40	150 48 27	N	<1	N	5	--	N	N	N	50
1250	67 22 10	150 44 3	N	<1	N	10	--	N	N	N	70
1251	67 19 40	150 38 8	N	<1	N	15	--	N	N	N	70
1252	67 17 22	150 36 33	N	<1	N	5	--	N	N	N	50
1253	67 16 54	150 42 1	N	<1	N	5	--	N	N	N	30
1253A	67 16 54	150 42 1	N	N	N	15	--	N	--	N	30
1254	67 15 37	150 38 46	N	<1	N	10	--	N	N	N	70
1254A	67 15 37	150 38 46	N	N	N	20	--	N	--	N	100
1255	67 15 28	150 45 5	N	<1	N	5	--	N	N	N	70
1255A	67 15 28	150 45 5	N	N	N	10	--	N	--	N	100
1258	67 24 29	150 36 57	N	<1	N	5	--	N	N	N	50
1259	67 22 45	150 38 42	N	<1	N	10	--	N	N	N	70
1260	67 22 40	150 31 47	N	<1	N	15	--	N	N	N	70
1261	67 22 56	150 31 14	N	<1	N	15	--	N	N	N	70
1262	67 25 4	150 38 31	N	<1	N	5	--	N	N	N	30
1556	67 15 8	150 54 18	N	N	N	10	--	N	--	N	100
1557	67 21 21	150 38 32	N	N	N	20	--	N	--	N	150
1558	67 17 41	150 33 52	N	N	N	5	--	N	--	N	100
1559	67 17 15	150 33 42	N	N	N	5	--	N	--	N	100
1560	67 18 58	150 50 35	N	N	N	5	--	N	--	N	150
1673	67 28 12	150 54 57	N	N	N	5	--	N	--	1.0	15

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
					Wiseman B2--continued						
1129	10	N	50	N	.05	N	<1	3.0	15	30	70
1130	10	N	55	N	.05	N	<1	5.0	20	30	70
1153	15	N	60	N	.20	N	<1	3.0	20	30	70
1154	15	N	55	N	.10	N	<1	5.0	20	50	100
1155	15	N	80	N	.10	N	<1	7.0	20	50	100
1156	15	N	65	N	.10	N	<1	5.0	15	30	100
1157	N	N	40	N	.10	N	<1	3.0	10	20	70
1158	15	N	55	N	.20	N	<1	3.0	15	30	100
1159	10	N	55	N	.15	N	<1	5.0	20	20	100
1239	20	200	80	N	.30	N	<1	7.0	20	70	150
1240	20	200	85	N	.40	N	<1	7.0	70	100	150
1241	20	200	65	N	.20	N	<1	7.0	20	70	100
1242	20	200	65	N	.15	N	<1	7.0	70	100	150
1243	20	200	95	N	.90	N	<1	7.0	30	70	100
1244	30	N	75	N	.20	N	<1	7.0	30	50	150
1245	10	N	45	N	.10	N	<1	5.0	15	30	100
1246	10	N	60	N	.05	N	<1	7.0	70	100	150
1247	20	200	80	N	.50	N	<1	7.0	70	150	150
1248	30	200	100	N	.65	N	<1	7.0	70	200	200
1249	30	200	85	N	.60	N	<1	7.0	70	150	150
1250	30	<200	65	N	.10	N	<1	10.0	70	100	150
1251	30	500	190	N	1.00	N	<1	7.0	100	500	150
1252	10	<200	75	N	.50	N	<1	7.0	50	150	150
1253	30	<200	85	N	.30	N	<1	7.0	50	70	150
1253A	10	<200	65	N	.30	N	--	5.0	30	50	100
1254	30	<200	85	N	.55	N	<1	7.0	50	150	150
1254A	<10	200	65	N	.50	N	--	7.0	30	100	100
1255	50	<200	110	N	.40	N	<1	7.0	70	100	150
1255A	10	<200	80	N	.40	N	--	7.0	50	100	150
1258	30	<200	75	N	.05	N	<1	7.0	30	50	150
1259	20	<200	70	N	.40	N	<1	7.0	70	100	150
1260	20	<200	75	N	.25	N	<1	7.0	70	100	150
1261	20	200	65	N	.30	N	<1	7.0	30	70	100
1262	10	<200	55	N	.05	N	<1	7.0	20	50	100
1556	30	<200	70	N	.20	N	--	7.0	50	100	150
1557	20	<200	35	N	<.10	N	--	7.0	20	50	100
1558	15	N	55	N	.40	N	--	5.0	30	70	100
1559	15	N	70	N	.70	N	--	5.0	50	100	100
1560	20	<200	160	N	1.10	N	--	10.0	70	100	100
1673	10	200	85	N	.20	N	--	7.0	20	50	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
					Wiseman B2--continued					
1129	N	N	200	1.0	150	.70	50	1.00	1,500	N
1130	N	N	200	1.0	100	.70	20	1.00	1,000	N
1153	N	N	200	1.0	100	2.00	N	1.50	3,000	N
1154	N	N	300	1.5	100	.50	N	1.50	1,500	N
1155	N	N	150	1.5	100	2.00	20	2.00	3,000	N
1156	N	N	300	1.5	150	1.50	50	2.00	1,500	N
1157	N	N	200	1.0	70	1.00	30	2.00	700	N
1158	<5	N	300	1.5	100	1.00	N	1.50	1,500	N
1159	N	N	200	1.5	100	.30	30	1.00	1,000	N
1239	N	N	700	1.0	70	.50	50	2.00	1,500	N
1240	N	N	500	1.0	100	1.00	50	5.00	2,000	N
1241	N	N	500	1.0	70	.70	50	5.00	1,500	N
1242	N	N	500	1.0	100	1.00	70	5.00	5,000	<20
1243	N	N	700	1.0	100	.50	50	3.00	1,500	<20
1244	7	N	500	1.0	100	.50	50	3.00	2,000	<20
1245	N	N	300	1.0	100	.50	70	2.00	1,000	<20
1246	N	N	500	1.0	100	.50	100	10.00	2,000	<20
1247	N	N	1,000	1.0	100	2.00	70	5.00	1,000	<20
1248	N	N	1,500	2.0	100	2.00	100	5.00	1,000	<20
1249	N	N	1,000	1.0	100	.70	50	2.00	1,000	<20
1250	N	N	1,000	1.0	100	1.00	70	5.00	2,000	<20
1251	N	N	1,000	2.0	100	1.00	300	2.00	2,000	<20
1252	N	N	1,000	1.0	100	1.00	70	2.00	1,000	<20
1253	N	N	1,000	2.0	100	.20	70	2.00	1,000	<20
1253A	N	N	500	1.5	70	.15	N	1.00	1,000	N
1254	N	N	1,000	2.0	100	1.00	50	5.00	1,000	<20
1254A	N	N	700	1.5	100	1.00	N	1.50	1,500	N
1255	N	N	1,500	2.0	100	1.00	70	5.00	1,000	<20
1255A	N	N	700	1.5	100	.30	20	1.50	1,000	N
1258	N	N	500	1.0	100	.50	100	7.00	5,000	<20
1259	N	N	700	1.0	100	2.00	70	7.00	>5,000	<20
1260	N	N	700	1.0	70	1.00	100	5.00	>5,000	<20
1261	N	N	500	2.0	200	1.00	50	2.00	2,000	N
1262	N	N	500	1.0	100	1.00	50	2.00	1,000	N
1556	N	N	500	2.0	150	.50	N	1.50	1,000	N
1557	N	N	200	1.5	150	.20	20	1.50	1,000	N
1558	N	N	500	<1.0	70	.50	N	1.50	1,000	N
1559	N	N	500	1.0	100	.30	20	1.50	1,000	N
1560	N	N	500	1.0	100	.50	100	1.50	1,500	N
1673	N	N	500	3.0	100	.15	50	1.50	1,500	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
				Wiseman B2--continued					
1129	15	100	.700	N	150	N	--	50	300
1130	15	100	.500	N	150	N	--	30	200
1153	30	300	.700	N	100	N	--	50	150
1154	20	100	.500	N	150	N	--	30	150
1155	30	150	.700	N	150	N	--	50	150
1156	20	<100	.700	N	150	N	--	30	150
1157	15	N	>1.000	N	150	N	--	30	100
1158	15	N	.700	N	100	N	--	20	150
1159	15	N	1.000	N	100	N	--	30	200
1239	20	200	1.000	N	200	N	--	70	300
1240	20	100	1.000	N	150	N	--	100	200
1241	20	100	1.000	N	200	N	--	30	500
1242	30	100	1.000	N	150	N	--	70	500
1243	20	100	1.000	N	150	N	--	50	300
1244	20	100	1.000	N	200	N	--	70	500
1245	15	100	1.000	N	100	N	--	70	1,000
1246	20	100	1.000	N	200	N	--	70	300
1247	20	200	1.000	N	500	N	--	70	300
1248	20	200	1.000	N	300	N	--	70	500
1249	20	100	1.000	N	200	N	--	50	300
1250	20	100	1.000	N	500	N	--	70	300
1251	20	100	1.000	N	200	N	--	200	500
1252	20	200	1.000	N	200	N	--	70	300
1253	20	200	1.000	N	200	N	--	50	300
1253A	20	<100	.500	N	200	N	--	15	150
1254	20	300	1.000	N	300	N	--	70	300
1254A	30	<100	1.000	N	300	N	--	30	200
1255	20	300	1.000	N	200	N	--	70	300
1255A	20	<100	1.000	N	300	N	--	30	200
1258	20	100	1.000	N	200	N	--	70	300
1259	30	200	1.000	N	200	N	--	200	500
1260	30	100	1.000	N	200	N	--	200	300
1261	30	300	1.000	N	200	N	--	70	300
1262	20	300	1.000	N	200	N	--	30	300
1556	30	N	.700	N	300	N	--	30	200
1557	30	N	.700	N	200	N	--	30	200
1558	20	N	.500	N	300	N	--	30	150
1559	20	N	.500	N	200	N	--	20	150
1560	30	100	.500	N	300	N	--	70	150
1673	20	N	.300	N	200	N	--	30	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1675	67 26 46	150 54 25	N	N	N	<5	--	N	--	N	30
1676	67 26 11	150 51 45	N	N	N	5	--	N	--	N	30
1677	67 25 15	150 58 51	N	N	N	5	--	N	--	N	30
1678	67 24 24	150 59 7	N	N	N	10	--	N	--	N	30
1679	67 21 46	150 56 37	N	N	N	10	--	N	--	N	200
1680	67 23 12	150 56 27	N	N	N	10	--	N	--	N	70
1681	67 22 58	150 59 44	N	N	N	<5	--	N	--	N	50
1682	67 23 0	150 58 24	N	N	N	<5	--	N	--	N	70
1683	67 22 47	150 59 12	N	N	N	<5	--	N	--	N	70
1727	67 25 25	150 32 32	N	N	N	<5	--	N	--	N	50
1791	67 18 47	150 32 32	N	N	N	10	--	N	--	N	30
1958	67 27 57	150 33 56	N	N	N	5	--	N	--	N	20
1959	67 28 5	150 34 17	N	2	N	5	--	N	--	N	15
1960	67 29 44	150 42 2	N	<2	N	<5	--	N	--	N	50
1961	67 29 38	150 42 39	N	<2	N	5	--	N	--	N	30
1962	67 22 47	150 39 51	N	<2	N	5	--	N	--	N	20
1963	67 21 11	150 43 19	N	<2	N	10	--	N	--	N	30
1964	67 20 9	150 34 39	N	2	N	20	--	N	--	N	30
1965	67 20 19	150 35 16	N	N	N	25	--	N	--	N	50
				Wiseman B3--continued							
45	67 15 21	151 29 53	N	2	N	N	--	N	N	N	50
50	67 17 47	151 2 27	N	--	N	--	--	N	N	N	20
51	67 15 31	151 26 59	N	N	N	10	--	N	N	N	30
53	67 17 49	151 27 19	N	6	N	10	--	N	N	N	50
54	67 18 3	151 27 18	N	--	N	--	--	N	N	N	70
68	67 17 30	151 2 22	N	1	N	5	--	N	N	N	50
86	67 28 59	151 8 34	N	--	N	--	--	N	N	N	30
87	67 29 1	151 7 57	N	N	N	20	--	N	N	N	15
88	67 28 46	151 8 8	N	N	N	10	--	N	N	N	10
89	67 27 59	151 9 2	N	--	N	--	--	N	<.33	N	20
90	67 27 30	151 7 11	N	--	N	--	--	N	.07	N	20
91	67 27 40	151 7 5	N	N	N	10	--	N	<.05	N	10
92	67 25 54	151 9 16	N	--	N	--	--	N	N	N	30
94	67 25 44	151 8 55	N	--	N	--	--	N	N	N	20
96	67 25 5	151 9 49	N	N	N	10	--	N	N	N	15
97	67 17 17	151 18 7	N	N	N	5	--	N	N	N	20
98	67 15 15	151 14 58	N	--	N	--	--	N	N	N	30
99	67 15 22	151 16 55	N	--	N	--	--	N	N	N	50
100	67 16 8	151 13 32	N	N	N	15	--	N	<.06	N	20
101	67 16 0	151 13 59	N	--	N	--	--	N	N	N	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
1675	N	N	40	N	.10	N	--	3.0	15	30	70
1676	N	N	30	N	.10	N	--	3.0	10	20	50
1677	N	N	35	N	.10	N	--	5.0	20	30	70
1678	N	<200	55	N	.30	N	--	5.0	20	50	100
1679	10	N	130	N	.20	N	--	7.0	300	150	100
1680	10	N	55	N	.10	N	--	5.0	70	70	100
1681	10	N	40	N	.10	N	--	5.0	20	30	100
1682	10	N	60	N	.20	N	--	5.0	50	50	100
1683	10	<200	65	N	.20	N	--	7.0	50	50	100
1727	10	<200	55	N	<.10	N	--	7.0	30	50	100
1791	10	N	75	N	.40	N	--	3.0	30	70	50
1958	<10	N	50	N	N	N	--	2.0	15	20	30
1959	<10	N	55	N	N	N	--	2.0	20	30	50
1960	10	N	60	N	<.10	N	--	2.0	20	30	30
1961	10	N	55	N	.10	N	--	2.0	20	30	50
1962	15	N	55	N	<.10	N	--	2.0	20	20	30
1963	10	N	55	N	.10	N	--	1.5	15	20	30
1964	20	N	80	N	.60	N	--	2.0	20	50	50
1965	20	N	80	N	.10	N	--	3.0	20	30	50
					Wiseman B3--continued						
45	50	N	100	N	1.60	N	N	2.0	100	50	150
50	20	N	55	N	--	N	--	3.0	30	50	150
51	30	N	75	N	.60	N	N	3.0	30	50	100
53	70	N	95	N	.90	N	N	5.0	50	50	150
54	50	N	110	N	--	N	--	5.0	50	70	200
68	20	N	75	N	.65	N	N	3.0	30	70	150
86	20	N	75	N	--	N	--	2.0	30	50	70
87	20	N	60	N	.15	N	N	2.0	20	50	70
88	10	N	55	N	.35	N	N	2.0	30	30	70
89	20	N	100	N	--	N	--	2.0	50	70	70
90	10	N	90	N	--	N	--	2.0	50	70	150
91	10	N	90	N	.25	N	N	2.0	50	50	100
92	20	N	70	N	--	N	--	2.0	30	50	70
94	10	N	50	N	--	N	--	3.0	50	50	100
96	<10	N	75	N	.35	N	N	2.0	30	50	70
97	20	<200	70	N	.55	N	N	3.0	20	50	70
98	100	<200	140	N	--	N	--	3.0	50	70	200
99	70	<200	120	N	--	N	--	5.0	50	70	200
100	20	<200	100	N	.35	N	N	3.0	30	70	100
101	50	<200	110	N	--	N	--	3.0	50	70	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
1675	N	N	200	1.0	70	.20	N	1.00	700	N
1676	N	N	200	1.0	70	.15	N	.70	700	N
1677	N	N	200	1.5	150	.20	20	1.00	700	N
1678	N	N	500	1.5	100	1.00	N	1.50	700	N
1679	N	N	200	2.0	200	.20	300	1.50	3,000	N
1680	N	N	300	1.5	150	.70	50	1.50	1,500	N
1681	N	N	300	1.5	100	.30	N	1.50	1,000	N
1682	N	N	300	1.5	100	.30	20	1.50	2,000	N
1683	N	N	300	1.5	70	.30	50	1.50	2,000	N
1727	N	N	300	1.5	150	.70	N	2.00	1,500	N
1791	N	N	700	2.0	100	.30	<20	1.50	1,000	N
1958	N	N	150	1.0	70	.30	N	.70	1,000	N
1959	N	N	150	1.0	70	.15	20	1.00	1,000	N
1960	N	N	150	1.0	100	.15	N	1.00	1,500	N
1961	N	N	150	1.5	70	.70	<20	1.00	2,000	N
1962	N	N	100	1.0	70	.15	N	1.00	1,500	N
1963	N	N	100	<1.0	50	.10	50	.30	300	N
1964	N	N	500	1.5	70	.50	30	1.00	500	N
1965	N	N	200	2.0	100	.15	N	1.00	1,500	N
				Wiseman B3--continued						
45	N	N	700	1.0	50	.50	70	.70	300	<20
50	N	N	300	1.0	50	5.00	50	1.00	300	<20
51	N	N	500	1.0	150	2.00	50	1.00	300	<20
53	N	N	500	1.0	70	2.00	50	1.00	300	<20
54	N	N	700	1.0	100	1.50	70	1.50	300	<20
68	N	N	1,000	1.0	50	.70	50	1.00	300	<20
86	N	N	500	1.0	50	.10	50	1.00	300	<20
87	N	N	500	1.0	70	2.00	50	1.00	300	<20
88	N	N	500	1.0	70	.50	50	.70	300	<20
89	N	N	500	1.0	70	.50	50	.70	300	<20
90	N	N	500	1.0	70	.20	50	.70	300	<20
91	N	N	500	1.0	70	.50	50	.70	300	<20
92	N	N	500	1.0	50	.50	100	.70	300	<20
94	N	N	300	1.0	50	1.00	50	1.50	500	<20
96	N	N	500	1.0	50	.70	50	1.00	300	<20
97	N	N	500	1.0	50	.70	50	.70	300	<20
98	N	N	700	1.0	50	.20	50	1.00	300	<20
99	N	N	700	1.0	70	.20	50	1.00	300	<20
100	N	N	500	1.0	70	.20	50	.70	300	<20
101	N	N	700	1.0	100	.30	50	1.00	500	<20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
1675	10	N	.500	N	150	N	--	10	150
1676	10	N	.500	N	100	N	--	50	150
1677	20	N	.700	N	150	N	--	30	200
1678	20	100	.300	N	150	N	--	30	200
1679	20	N	.500	N	150	N	--	50	200
1680	20	N	.500	N	150	N	--	30	200
1681	20	N	.500	N	150	N	--	20	200
1682	20	N	.700	N	150	N	--	30	200
1683	20	N	.500	N	150	N	--	30	150
1727	20	100	.500	N	200	N	--	20	150
1791	15	150	.300	N	100	N	--	30	100
1958	10	<100	.200	N	70	N	--	50	50
1959	15	<100	.300	N	100	N	--	30	70
1960	15	N	.200	N	100	N	--	20	70
1961	15	100	.200	N	100	N	--	20	70
1962	15	N	.200	N	100	N	--	20	70
1963	10	N	.150	N	100	N	--	20	70
1964	10	100	.200	N	100	N	--	20	70
1965	20	N	.200	N	100	N	--	30	100
				Wiseman B3--continued					
45	20	100	.500	--	200	N	<1.0	30	100
50	20	100	.500	--	200	N	--	20	70
51	20	100	.500	--	200	N	3.0	20	70
53	20	100	.500	--	200	N	<1.0	20	100
54	20	100	.500	--	200	N	--	30	70
68	20	100	.500	--	200	N	<1.0	30	200
86	20	100	.500	--	100	N	--	20	70
87	20	200	.500	--	100	N	2.0	20	70
88	20	100	.500	--	70	N	3.0	20	100
89	20	200	.500	--	100	N	--	20	70
90	20	200	.500	--	150	N	--	20	70
91	20	200	.500	--	150	N	3.0	20	70
92	20	150	.500	--	100	N	--	20	70
94	20	100	.500	--	100	N	--	20	50
96	20	100	.500	--	100	N	2.0	20	100
97	20	200	.500	--	150	N	3.0	20	100
98	20	100	.500	--	200	N	--	50	70
99	30	100	.500	--	200	N	--	30	100
100	20	100	.500	--	200	N	--	30	100
101	20	100	.500	--	200	N	--	30	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
102	67 16 21	151 13 53	N	--	N	--	--	N	N	N	50
104	67 17 36	151 10 57	N	--	N	--	--	N	N	N	50
105	67 17 29	151 6 37	N	--	N	--	--	N	N	1.0	20
107	67 19 36	151 4 16	N	3	N	25	--	N	N	N	50
108	67 19 38	151 4 48	N	N	N	10	--	N	N	N	50
109	67 19 49	151 7 53	N	--	N	--	--	N	N	N	50
110	67 19 51	151 9 3	N	--	N	--	--	N	N	N	50
111	67 20 37	151 13 11	N	N	N	10	--	N	N	N	30
113	67 20 41	151 13 54	N	--	N	--	--	N	N	N	50
114	67 22 20	151 12 54	N	--	N	--	--	N	N	N	20
115	67 24 26	151 10 48	N	--	N	--	--	N	N	N	30
116	67 24 52	151 3 52	N	N	N	45	--	N	N	N	15
117	67 25 2	151 3 36	N	N	N	<5	--	N	N	N	7
118	67 22 3	151 9 26	N	N	N	10	--	N	<.05	N	30
120	67 22 7	151 8 54	500	N	N	10	--	N	N	N	15
121	67 21 56	151 8 54	N	N	N	15	--	N	N	N	20
122	67 21 39	151 4 18	N	--	N	--	--	N	<.06	N	50
123	67 21 31	151 4 24	N	N	N	10	--	N	<.85	N	50
124	67 21 20	151 4 19	N	N	N	20	--	N	N	N	20
127	67 23 33	151 23 10	N	--	N	--	--	N	N	N	20
128	67 23 25	151 23 42	N	N	N	10	--	N	N	N	15
129	67 23 39	151 23 48	N	--	N	--	--	N	N	N	15
131	67 23 53	151 18 49	N	N	N	10	--	N	<.05	N	10
132	67 23 32	151 18 39	N	N	N	5	--	N	N	N	7
133	67 23 28	151 18 1	N	N	N	10	--	N	N	N	10
134	67 23 40	151 17 45	N	1	N	10	--	N	N	N	10
135	67 25 10	151 16 8	N	2	N	30	--	N	<.05	N	30
136	67 25 10	151 15 30	N	N	N	10	--	N	N	N	50
137	67 26 45	151 15 50	N	1	N	10	--	N	N	N	10
138	67 27 3	151 16 6	N	1	N	15	--	N	N	N	20
139	67 26 49	151 20 38	N	1	N	10	--	N	N	N	10
141	67 27 59	151 19 39	N	N	N	5	--	N	N	N	15
142	67 27 51	151 19 17	N	N	N	10	--	N	N	N	15
143	67 29 8	151 16 20	N	N	N	5	--	N	N	N	15
144	67 29 19	151 16 25	N	N	N	10	--	N	N	N	20
145	67 29 33	151 16 25	N	N	N	10	--	N	N	N	20
146	67 29 15	151 19 16	N	N	N	N	--	N	N	N	30
155	67 24 57	151 25 12	N	N	N	<5	--	N	N	N	10
156	67 27 33	151 23 34	N	2	N	20	--	N	N	N	20
157	67 28 20	151 23 50	N	N	N	<5	--	N	N	N	20
161	67 25 10	151 29 39	N	N	N	10	--	N	N	N	50
549	67 21 31	151 19 28	N	N	N	N	--	N	N	N	30
550	67 21 25	151 19 7	N	N	N	N	--	N	N	N	50
551	67 21 23	151 19 55	N	N	N	N	--	N	N	N	30
552	67 21 23	151 20 22	N	N	N	N	--	N	N	N	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
102	70	<200	100	N	--	N	--	3.0	50	70	200
104	100	N	70	N	--	N	--	3.0	50	70	200
105	300	N	100	N	--	N	--	3.0	30	50	100
107	20	<200	120	N	1.60	N	N	3.0	100	100	200
108	50	N	70	N	.15	N	N	3.0	50	70	200
109	100	N	90	N	--	N	--	3.0	50	70	300
110	200	N	90	N	--	N	--	3.0	50	70	200
111	20	N	70	N	.10	N	N	3.0	50	50	200
113	50	N	60	N	--	N	--	5.0	50	50	200
114	50	N	40	N	--	N	--	2.0	30	50	150
115	50	N	55	N	--	N	--	5.0	30	50	150
116	10	N	190	N	.50	N	N	3.0	30	30	100
117	<10	<200	90	N	.55	N	N	2.0	10	20	50
118	10	N	50	N	.30	N	N	5.0	30	50	100
120	20	N	40	N	.35	N	N	2.0	15	20	70
121	20	N	70	N	.20	N	N	5.0	50	30	100
122	15	N	55	N	.10	N	--	5.0	50	20	100
123	30	N	80	N	.20	N	N	7.0	50	50	150
124	20	<200	70	N	.40	N	N	3.0	50	70	70
127	20	N	50	N	--	N	--	2.0	20	50	70
128	20	<200	50	N	.15	N	N	2.0	30	50	70
129	20	N	35	N	--	N	--	2.0	20	20	30
131	20	N	40	N	.10	N	N	2.0	20	30	50
132	10	N	40	N	.05	N	N	2.0	20	30	50
133	20	N	30	N	N	N	N	2.0	15	20	50
134	10	N	15	N	.10	N	N	2.0	15	20	20
135	20	N	90	N	.40	N	N	3.0	20	50	100
136	20	N	70	N	.20	N	N	5.0	50	50	70
137	10	N	45	N	.15	N	N	2.0	20	50	70
138	15	N	55	N	.35	N	N	2.0	20	50	50
139	15	N	55	N	.40	N	N	2.0	20	50	50
141	10	N	70	N	.15	N	N	2.0	20	30	70
142	10	N	90	N	.20	N	N	2.0	20	30	70
143	15	N	80	N	.40	N	N	2.0	15	30	70
144	50	N	60	N	.20	N	N	3.0	20	30	100
145	30	N	90	N	.15	N	N	3.0	20	30	100
146	15	N	80	N	.60	N	N	3.0	20	30	100
155	15	N	50	N	.20	N	N	3.0	20	20	50
156	15	N	80	N	.40	N	N	3.0	30	50	100
157	10	N	50	N	.05	N	N	3.0	20	30	100
161	15	N	85	N	.20	N	N	3.0	30	50	150
549	10	N	55	N	.25	N	N	3.0	30	20	50
550	10	N	60	N	.20	N	N	5.0	30	30	50
551	10	N	60	N	.20	N	N	3.0	20	20	50
552	10	N	60	N	.30	N	N	5.0	30	30	70

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
102	N	N	700	1.0	100	.50	50	1.00	300	<20
104	N	N	500	1.0	100	1.50	50	1.00	300	<20
105	N	N	500	1.0	70	5.00	50	1.00	300	<20
107	N	N	1,000	1.0	100	1.00	50	1.50	500	<20
108	N	N	700	1.0	100	2.00	50	1.50	500	<20
109	N	N	700	1.0	100	2.00	50	1.50	300	<20
110	N	N	700	1.0	100	3.00	50	1.50	300	<20
111	N	N	300	1.0	30	.70	50	1.50	500	<20
113	N	N	300	1.0	50	2.00	50	1.50	1,000	<20
114	N	N	300	1.0	70	2.00	50	1.50	300	<20
115	N	N	500	1.0	70	.70	50	1.50	500	<20
116	N	N	300	1.0	70	.50	50	1.00	300	<20
117	N	N	300	1.0	70	.30	50	.50	200	<20
118	N	N	300	1.0	50	3.00	50	1.50	700	<20
120	N	N	300	1.0	50	5.00	50	1.50	300	<20
121	N	N	300	1.0	50	.70	50	1.00	1,000	<20
122	N	N	300	1.0	30	1.00	50	1.50	700	<20
123	N	N	500	1.0	50	.50	50	1.50	700	<20
124	N	N	500	1.0	30	.70	50	1.00	500	<20
127	N	N	500	1.0	50	5.00	50	1.00	300	<20
128	N	N	300	1.0	50	3.00	50	1.00	300	<20
129	N	N	300	1.0	30	5.00	50	1.00	300	<20
131	N	N	300	1.0	30	2.00	50	1.00	300	<20
132	N	N	300	1.0	50	.50	50	.50	300	<20
133	N	N	300	1.0	30	3.00	50	.70	200	<20
134	N	N	300	1.0	30	5.00	50	1.00	300	<20
135	N	N	500	1.0	50	.30	100	.70	300	<20
136	N	N	300	1.0	30	.30	50	1.00	500	<20
137	N	N	300	1.0	50	.15	50	.30	300	<20
138	N	N	300	1.0	30	.15	50	.30	300	<20
139	N	N	300	1.0	30	.15	50	.30	300	<20
141	N	N	300	1.0	50	.15	50	.50	300	<20
142	N	N	300	1.0	50	.15	50	.50	200	<20
143	N	N	300	1.0	50	1.00	50	.70	300	<20
144	N	N	300	1.0	50	1.00	70	1.00	500	<20
145	N	N	500	1.0	50	.50	100	1.00	300	<20
146	N	N	300	1.0	50	1.00	100	1.00	300	<20
155	N	N	300	1.0	70	1.00	50	.70	300	<20
156	N	N	300	1.0	50	.15	50	.70	300	<20
157	N	N	300	1.0	50	.70	70	.70	500	<20
161	N	N	300	1.0	30	.30	50	.70	300	<20
549	N	N	200	1.0	20	1.00	50	.70	500	<20
550	N	N	200	1.0	10	.70	50	1.50	500	<20
551	N	N	150	1.0	15	1.00	50	1.00	500	<20
552	N	N	150	1.0	15	.70	50	1.50	500	<20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm em	Y-ppm s	Zr-ppm s
102	30	100	.500	--	200	N	--	30	150
104	30	300	.500	--	200	N	--	30	100
105	20	200	.300	--	150	N	--	20	70
107	20	200	.500	--	200	N	3.0	50	200
108	20	200	.500	--	200	N	--	30	100
109	20	200	.500	--	200	N	--	20	100
110	20	300	.500	--	200	N	--	20	100
111	30	100	.500	--	200	N	--	30	150
113	30	100	.500	--	200	N	--	30	100
114	20	100	.500	--	150	N	--	30	100
115	20	100	.500	--	200	N	--	30	200
116	20	100	.500	--	150	N	--	30	200
117	10	100	.500	--	100	N	2.0	20	150
118	20	100	.500	--	150	N	2.0	20	150
120	10	100	.300	--	100	N	1.0	15	100
121	30	100	.500	--	200	N	2.0	30	100
122	30	150	.500	--	200	N	--	20	100
123	30	100	.500	--	200	N	--	30	100
124	20	100	.500	--	150	N	--	20	100
127	20	300	.500	--	100	N	3.0	70	100
128	20	200	.500	--	150	N	2.0	30	150
129	10	300	.500	--	100	N	--	30	70
131	10	200	.500	--	100	N	1.0	20	100
132	10	<100	.500	--	100	N	2.0	20	150
133	7	200	.500	--	70	N	--	20	100
134	7	100	.500	--	70	N	2.0	20	100
135	20	100	.700	--	150	N	--	50	200
136	20	<100	1.000	--	150	N	2.0	50	100
137	10	100	1.000	--	150	N	2.0	30	100
138	10	100	1.000	--	150	N	1.0	100	70
139	10	100	.500	--	150	N	2.0	20	70
141	15	100	.500	--	150	N	1.0	50	100
142	15	100	.500	--	150	N	<1.0	50	100
143	10	200	.500	--	150	N	--	20	70
144	15	100	.500	--	150	N	--	50	200
145	15	100	.500	--	200	N	<1.0	50	100
146	15	150	.500	--	150	N	--	50	200
155	10	100	.500	--	100	N	<1.0	30	200
156	15	100	.500	--	200	N	<1.0	30	150
157	15	100	.500	--	150	N	<1.0	30	100
161	15	200	.500	--	150	N	<1.0	30	150
549	20	150	.300	N	100	N	1.0	30	100
550	20	100	.300	N	150	N	1.0	20	100
551	15	100	.300	N	100	N	1.0	20	150
552	20	100	.300	N	150	N	2.0	30	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
553	67 20 30	151 19 40	N	N	N	5	--	N	N	N	20
554	67 20 5	151 20 28	N	1	N	20	--	N	.05	N	20
555	67 19 59	151 21 27	N	N	N	5	--	N	N	N	30
556	67 19 39	151 21 37	N	N	N	30	--	N	N	N	15
560	67 21 13	151 20 32	N	N	N	N	--	N	N	N	50
561	67 20 46	151 20 17	N	N	N	N	--	N	N	N	50
614	67 27 59	151 9 2	N	N	N	5	--	N	--	N	70
616	67 27 53	151 9 35	N	N	N	10	--	N	N	N	100
618	67 17 44	151 1 45	N	N	N	5	--	N	N	N	70
620	67 17 57	151 1 55	N	N	N	<5	--	N	--	N	70
1266	67 25 50	151 22 15	N	<1	N	5	--	N	N	N	30
1267	67 27 2	151 23 29	N	<1	N	5	--	N	N	N	50
1268	67 24 34	151 21 55	N	<1	N	5	--	N	N	N	30
1269	67 23 31	151 27 21	N	<1	N	5	--	N	N	N	30
1270	67 21 20	151 29 30	N	<1	N	5	--	N	N	N	30
1271	67 20 35	151 29 25	N	<1	N	<5	--	N	N	N	50
1272	67 18 28	151 25 0	N	3	N	10	--	N	N	N	50
1273	67 19 23	151 22 25	N	<1	N	5	--	N	N	N	50
1274	67 18 1	151 22 21	N	2	N	10	--	N	N	N	50
1275	67 17 29	151 15 22	N	<1	N	5	--	N	N	N	30
1276	67 18 33	151 14 8	N	<1	N	<5	--	N	N	N	30
1276A	67 18 33	151 14 8	N	N	N	<5	--	N	--	N	10
1277	67 19 25	151 14 14	N	1	N	15	--	N	N	N	50
1278	67 17 57	151 12 59	N	<1	N	<5	--	N	N	N	30
1279	67 16 59	151 9 33	N	<1	N	10	--	N	N	N	50
1280	67 19 1	151 12 47	N	<1	N	10	--	N	N	N	30
1281	67 20 25	151 12 19	N	<1	N	5	--	N	<.05	N	30
1282	67 21 41	151 12 33	N	<1	N	<5	--	N	N	N	15
1283	67 21 33	151 5 27	N	<1	N	<5	--	N	N	N	30
1284	67 23 4	151 11 6	N	<1	N	5	--	N	N	N	30
1285	67 24 20	151 9 2	N	<1	N	<5	--	N	N	N	30
1286	67 26 21	151 8 17	N	1	N	25	--	N	N	N	30
1287	67 26 39	151 8 38	N	<1	N	10	--	N	N	N	30
1288	67 27 34	151 8 4	N	<1	N	10	--	N	N	N	20
1289	67 28 26	151 8 51	N	<1	N	5	--	N	N	N	30
1572	67 15 7	151 22 27	N	N	N	20	--	N	--	N	70
1573	67 15 18	151 25 49	N	N	N	1	--	N	--	N	50
1625	67 15 47	151 27 20	N	<2	N	20	--	N	--	N	10
1626	67 20 57	151 27 1	N	N	N	<5	--	N	--	N	30
1674	67 27 49	151 0 18	N	N	N	5	--	N	--	N	50
1684	67 21 46	151 1 51	N	N	N	10	--	N	--	N	100
1685	67 21 27	151 7 47	N	N	N	1	--	N	--	N	70
1686	67 21 39	151 7 0	N	N	N	5	--	N	--	N	50
1687	67 22 2	151 6 55	N	N	N	<5	--	N	--	N	50
1688	67 24 41	151 10 14	N	N	N	<5	--	N	--	N	30

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
553	20	N	65	N	.35	N	N	3.0	20	30	70
554	20	<200	130	N	1.35	N	N	2.0	15	30	70
555	20	N	85	N	.30	N	N	3.0	20	30	70
556	50	N	100	N	.70	N	1	2.0	15	20	70
560	10	N	50	N	.25	N	N	3.0	20	20	50
561	10	N	60	N	.25	N	N	3.0	20	20	50
614	50	<200	90	N	.40	N	N	7.0	30	100	100
616	20	N	60	N	.20	N	N	5.0	20	50	70
618	30	<200	50	N	.25	N	N	5.0	20	70	70
620	20	<200	65	N	.45	N	N	5.0	20	70	100
1266	30	N	75	N	.10	N	<1	7.0	15	70	100
1267	70	300	130	N	.60	N	<1	7.0	30	100	150
1268	50	N	40	N	.10	N	<1	5.0	15	30	100
1269	50	N	60	N	.05	N	<1	7.0	20	30	100
1270	30	N	45	N	.10	N	<1	7.0	20	70	100
1271	20	N	45	N	.05	N	<1	7.0	30	70	100
1272	70	N	85	N	.70	N	<1	7.0	20	70	100
1273	30	N	75	N	.20	N	<1	7.0	30	70	100
1274	70	300	100	N	.75	N	<1	7.0	30	100	100
1275	30	N	65	N	.35	N	<1	7.0	20	70	100
1276	20	N	40	N	.10	N	<1	5.0	15	50	100
1276A	N	N	25	N	.10	N	--	2.0	7	N	50
1277	70	500	180	N	1.60	N	<1	5.0	15	70	150
1278	30	N	50	N	.35	N	<1	5.0	15	70	100
1279	30	N	85	N	.50	N	<1	7.0	30	100	150
1280	30	N	60	N	.25	N	<1	7.0	20	70	150
1281	30	N	70	N	.40	N	<1	5.0	20	70	100
1282	20	N	30	N	.05	N	<1	5.0	10	20	70
1283	30	N	45	N	.10	N	<1	7.0	50	70	150
1284	10	N	45	N	.05	N	<1	7.0	30	70	150
1285	20	300	200	N	2.00	N	<1	7.0	30	70	100
1286	30	<200	100	N	.35	N	<1	7.0	20	70	100
1287	50	<200	80	N	.15	N	<1	7.0	20	70	150
1288	30	<200	80	N	.35	N	<1	7.0	20	50	100
1289	30	N	60	N	.20	N	<1	7.0	20	50	100
1572	20	<200	100	N	.80	N	--	5.0	30	100	150
1573	10	N	45	N	.30	N	--	5.0	20	50	100
1625	10	N	40	N	.30	N	--	2.0	15	30	50
1626	10	N	35	N	<.10	N	--	3.0	30	20	20
1674	15	<200	70	N	.30	N	--	5.0	20	70	100
1684	10	<200	70	N	.60	N	--	7.0	30	50	100
1685	15	<200	55	N	.10	N	--	10.0	30	50	150
1686	N	<200	55	N	.30	N	--	7.0	20	50	100
1687	10	N	40	N	<.10	N	--	7.0	20	30	70
1688	<10	<200	120	N	.90	N	--	5.0	10	30	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
553	N	N	500	1.0	20	.20	50	.70	700	<20
554	N	N	1,000	1.0	50	.50	50	.70	300	<20
555	N	N	500	1.0	20	.15	50	.70	1,000	<20
556	N	N	1,000	1.5	50	.10	50	.50	500	<20
560	N	N	200	1.0	20	1.00	50	1.00	500	<20
561	N	N	200	1.0	10	1.00	50	1.00	700	<20
614	N	N	500	2.0	200	1.50	100	1.50	1,000	<20
616	N	N	500	1.0	150	1.00	100	1.00	700	<20
618	N	N	500	1.0	200	5.00	70	2.00	1,000	<20
620	N	N	500	1.0	150	1.50	70	1.50	700	<20
1266	N	N	700	1.0	100	.10	100	2.00	1,000	<20
1267	N	N	700	1.0	100	.20	50	2.00	1,500	N
1268	N	N	700	1.0	100	3.00	50	2.00	1,000	N
1269	N	N	500	1.0	200	5.00	50	3.00	700	N
1270	N	N	500	1.0	200	5.00	50	2.00	1,000	N
1271	N	N	300	1.0	100	5.00	50	3.00	1,500	N
1272	N	N	1,000	1.0	100	1.00	100	2.00	2,000	<20
1273	N	N	700	1.0	100	2.00	20	3.00	2,000	N
1274	10	N	1,500	1.0	100	1.00	20	2.00	1,000	N
1275	N	N	700	1.0	100	1.00	20	2.00	1,000	N
1276	N	N	500	1.0	100	1.00	70	2.00	700	N
1276A	N	N	300	1.0	70	.70	N	1.00	700	N
1277	15	N	2,000	5.0	200	.20	50	2.00	700	N
1278	N	N	500	2.0	100	2.00	70	2.00	700	N
1279	N	N	700	1.0	200	2.00	50	2.00	700	N
1280	N	N	700	1.0	200	7.00	20	2.00	700	N
1281	N	N	700	1.0	200	1.00	50	1.00	1,000	N
1282	N	N	300	1.0	100	10.00	50	2.00	500	N
1283	N	N	500	2.0	100	2.00	50	2.00	1,000	N
1284	N	N	500	1.0	100	.50	30	2.00	1,000	N
1285	N	N	700	1.0	100	1.00	50	2.00	1,000	N
1286	N	N	700	2.0	100	.30	200	1.00	700	N
1287	N	N	700	2.0	100	.10	100	1.00	700	N
1288	N	N	700	2.0	100	1.00	100	1.00	700	N
1289	N	N	700	2.0	100	.70	50	1.00	700	N
1572	N	N	700	2.0	100	.20	20	1.50	700	N
1573	N	N	300	1.5	100	.50	N	1.50	500	N
1625	N	N	200	1.5	100	1.00	N	.70	500	N
1626	N	N	100	1.0	20	2.00	N	1.50	1,000	N
1674	N	N	500	2.0	70	.15	<20	1.00	700	N
1684	N	N	1,000	2.0	150	.50	20	2.00	2,000	N
1685	N	N	500	2.0	200	.30	20	2.00	2,000	N
1686	N	N	500	1.5	150	.50	N	1.50	2,000	N
1687	N	N	200	1.5	50	2.00	N	2.00	1,000	N
1688	N	N	300	1.5	70	.50	N	1.00	700	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm em	Y-ppm s	Zr-ppm s
553	10	<100	.200	N	70	N	2.0	20	100
554	10	100	.200	N	100	N	2.0	30	100
555	15	<100	.200	N	70	N	2.0	20	100
556	10	<100	.200	N	70	N	3.0	20	100
560	15	200	.200	N	100	N	2.0	20	7
561	20	200	.300	N	150	N	2.0	20	100
614	15	300	.500	N	200	N	1.0	50	150
616	20	100	.500	N	150	N	1.0	20	200
618	15	300	.500	N	150	N	1.0	50	150
620	15	200	.500	N	200	N	1.0	30	100
1266	20	100	1.000	N	200	N	--	70	300
1267	20	100	1.000	N	200	N	--	50	300
1268	15	200	.700	N	150	N	--	70	300
1269	20	200	.700	N	150	N	--	70	300
1270	30	200	1.000	N	200	N	--	70	300
1271	30	200	1.000	N	200	N	--	70	300
1272	30	N	1.000	N	200	N	--	100	300
1273	30	100	1.000	N	200	N	--	70	200
1274	20	200	.500	N	200	N	--	50	300
1275	20	200	.500	N	200	N	--	70	300
1276	15	100	.500	N	200	N	--	70	300
1276A	10	N	.500	N	150	N	--	15	200
1277	20	100	.300	N	500	N	--	70	200
1278	15	300	.300	N	150	N	--	70	200
1279	20	300	.500	N	30	N	--	50	200
1280	20	1,000	.500	N	200	N	--	50	200
1281	20	200	1.000	N	200	N	--	50	300
1282	10	500	.300	N	100	N	--	30	150
1283	30	300	.700	N	200	N	--	70	200
1284	20	N	.700	N	200	N	--	100	300
1285	20	100	1.000	N	200	N	--	50	300
1286	20	200	1.000	N	200	N	--	50	300
1287	20	200	1.000	N	200	N	--	50	300
1288	20	100	.500	N	200	N	--	30	200
1289	20	N	1.000	N	150	N	--	70	500
1572	20	<100	.500	N	300	N	--	20	200
1573	15	<100	.500	N	200	N	--	10	100
1625	10	150	.150	N	100	N	--	20	70
1626	20	150	.200	N	150	N	--	30	50
1674	20	100	.700	N	200	N	--	20	200
1684	20	N	.300	N	150	N	--	30	150
1685	30	N	.700	N	200	N	--	50	200
1686	20	N	.300	N	200	N	--	20	100
1687	20	100	.300	N	200	N	--	20	100
1688	10	100	.300	N	150	N	--	15	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1689	67 24 29	151 11 39	N	N	N	5	--	N	--	N	50
1690	67 25 28	151 10 46	N	N	N	<5	--	N	--	N	50
1691	67 25 26	151 9 26	N	N	N	10	--	N	--	N	70
1692	67 29 4	151 9 3	N	N	N	10	--	N	--	N	70
1693	67 17 46	151 16 19	N	N	N	<5	--	N	--	N	50
1694	67 16 1	151 14 26	N	N	N	10	--	N	--	N	70
1695	67 17 28	151 11 1	N	N	N	<5	--	N	--	N	70
1696	67 17 28	151 9 36	N	N	N	<5	--	N	--	N	150
1697	67 17 6	151 7 34	N	3	N	20	--	N	--	N	100
1698	67 17 4	151 5 16	N	N	N	5	--	N	--	N	50
1699	67 17 27	151 6 41	N	N	N	<5	--	N	--	N	50
1700	67 18 16	151 1 39	N	N	N	<5	--	N	--	N	30
1701	67 17 19	151 1 1	N	N	N	<5	--	N	--	N	70
1702	67 17 39	151 5 16	N	N	N	<5	--	N	--	N	20
1703	67 17 53	151 5 59	N	N	N	<5	--	N	--	N	50
1704	67 19 2	151 14 24	N	N	N	15	--	N	--	N	50
1705	67 18 48	151 14 8	N	N	N	5	--	N	--	N	30
1706	67 21 40	151 14 32	N	N	N	5	--	N	--	N	20
1707	67 21 59	151 14 6	N	N	N	<5	--	N	--	N	20
1708	67 20 38	151 14 42	N	N	N	N	--	N	--	N	50
1709	67 19 46	151 19 28	N	N	N	10	--	N	--	N	50
1710	67 20 15	151 20 5	N	N	N	N	--	N	--	N	100
1711	67 21 25	151 19 46	N	5	N	N	--	N	--	N	150
1712	67 21 23	151 20 28	N	N	N	<5	--	N	--	N	150
1713	67 20 10	151 24 15	N	N	N	N	--	N	--	N	30
1714	67 26 53	151 19 58	N	N	N	10	--	N	--	N	50
1715	67 29 1	151 16 48	N	N	N	10	--	N	--	N	100
1716	67 29 17	151 16 59	N	N	N	10	--	N	--	N	50
1756	67 24 23	151 19 33	N	3	N	<5	--	N	--	N	15
1757	67 24 13	151 19 28	N	N	N	<5	--	N	--	N	30
1942	67 17 15	151 15 31	N	<2	N	5	--	N	--	N	10

Wiseman B4--continued

16	67 17 37	151 36 20	N	N	N	N	--	N	N	N	50
17	67 17 47	151 36 4	N	2	N	10	--	N	N	N	50
18	67 17 58	151 37 8	N	2	N	10	--	N	N	N	50
19	67 18 0	151 37 45	N	N	N	N	--	N	N	N	50
20	67 19 38	151 37 50	N	N	N	10	--	N	N	N	30
21	67 19 28	151 43 14	N	N	N	10	--	N	N	N	50
22	67 19 42	151 43 9	N	N	N	10	--	N	N	N	30
23	67 18 55	151 41 17	N	1	N	10	--	N	N	N	50
24	67 19 7	151 41 33	N	N	N	10	--	N	N	N	20
25	67 19 7	151 41 1	N	N	N	5	--	N	N	N	30

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
1689	10	N	60	N	.30	N	--	5.0	20	50	100
1690	<10	<200	80	N	.50	N	--	7.0	30	50	100
1691	20	<200	50	N	.30	N	--	7.0	30	50	100
1692	10	N	110	N	.60	N	--	5.0	20	50	70
1693	10	N	30	N	.20	N	--	5.0	10	50	20
1694	10	200	120	N	1.20	N	--	7.0	50	70	150
1695	10	200	210	N	2.00	N	--	7.0	70	100	150
1696	10	<200	45	N	.20	N	--	7.0	20	50	100
1697	30	<200	80	N	.40	N	--	7.0	20	50	150
1698	15	<200	85	N	.30	N	--	5.0	20	50	100
1699	15	N	75	N	.70	N	--	5.0	50	70	100
1700	10	<200	40	N	.20	N	--	5.0	20	50	100
1701	10	200	75	N	.70	N	--	7.0	50	70	150
1702	10	N	35	N	.30	N	--	3.0	15	50	70
1703	10	<200	55	N	.50	N	--	5.0	20	50	100
1704	10	<200	60	N	.60	N	--	5.0	20	50	100
1705	15	N	45	N	.30	N	--	3.0	15	30	70
1706	10	N	20	N	.10	N	--	3.0	10	20	20
1707	10	N	20	N	.10	N	--	5.0	20	30	70
1708	10	N	35	N	.10	N	--	5.0	20	30	70
1709	10	200	120	N	.60	N	--	5.0	20	50	100
1710	10	<200	50	N	.20	N	--	10.0	50	50	100
1711	<10	<200	45	N	.20	N	--	10.0	70	50	100
1712	<10	N	40	N	.10	N	--	10.0	70	50	100
1713	10	<200	45	N	.10	N	--	7.0	20	20	70
1714	15	200	85	N	.40	N	--	7.0	30	50	150
1715	30	200	120	N	.70	N	--	7.0	30	70	150
1716	15	<200	90	N	.30	N	--	7.0	20	50	150
1756	10	N	25	N	<.10	N	--	5.0	20	20	50
1757	10	N	45	N	.10	N	--	7.0	30	30	70
1942	15	N	45	N	.10	N	--	3.0	15	20	30
Wiseman B4--continued											
16	100	N	100	N	1.20	N	N	5.0	50	100	300
17	20	N	75	N	.60	N	N	3.0	30	50	150
18	30	<200	90	N	.70	N	N	3.0	50	50	150
19	30	<200	95	N	.80	N	N	5.0	100	70	200
20	20	N	55	N	.20	N	N	3.0	50	50	150
21	20	N	75	N	.30	N	N	3.0	30	30	100
22	30	N	70	N	.20	N	N	3.0	50	30	150
23	30	N	70	N	.30	N	N	5.0	50	50	150
24	10	N	55	N	.10	N	N	3.0	30	50	150
25	20	N	55	N	.15	N	N	5.0	50	70	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
1689	N	N	500	1.5	100	.70	N	1.50	1,000	N
1690	N	N	700	2.0	150	.30	N	1.50	700	N
1691	N	N	500	2.0	200	.30	N	1.50	700	N
1692	N	N	700	2.0	150	.70	20	1.00	700	N
1693	N	N	300	1.5	150	15.00	20	1.50	700	N
1694	N	N	700	2.0	150	.70	30	1.50	1,000	N
1695	N	N	700	2.0	150	.50	50	1.50	1,000	N
1696	N	N	500	2.0	100	.30	N	1.50	700	N
1697	N	N	700	3.0	150	.50	20	1.50	1,500	N
1698	N	N	700	2.0	150	.30	20	1.50	1,000	N
1699	N	N	700	2.0	100	10.00	20	1.50	700	N
1700	N	N	500	1.5	100	15.00	20	1.50	500	N
1701	N	N	1,000	2.0	150	.50	20	1.50	1,000	N
1702	N	N	500	1.5	100	15.00	20	1.50	500	N
1703	N	N	700	2.0	100	10.00	20	1.50	700	N
1704	N	N	1,000	1.5	150	2.00	N	1.50	1,000	N
1705	N	N	700	1.5	100	.50	20	1.00	700	N
1706	N	N	300	1.0	70	15.00	N	1.50	500	N
1707	N	N	200	1.0	100	15.00	20	2.00	700	N
1708	N	N	200	1.0	70	5.00	N	2.00	1,500	N
1709	N	N	1,500	2.0	200	1.00	N	1.50	700	N
1710	N	N	200	1.0	50	3.00	N	3.00	2,000	N
1711	N	N	150	1.0	20	3.00	N	3.00	2,000	N
1712	N	N	150	1.0	20	3.00	N	3.00	2,000	N
1713	N	N	200	1.0	70	.50	N	1.50	2,000	N
1714	N	N	500	2.0	150	.15	N	1.50	1,500	N
1715	5	N	700	3.0	200	.50	50	1.50	1,000	N
1716	N	N	700	3.0	150	1.00	50	1.50	1,000	N
1756	N	N	300	2.0	100	5.00	N	1.50	1,000	N
1757	N	N	300	3.0	200	.50	20	1.00	1,000	N
1942	N	N	200	1.5	100	.50	<20	1.00	1,000	N
Wiseman B4--continued										
16	N	N	1,000	1.0	70	1.00	70	1.50	300	<20
17	N	N	500	1.0	70	2.00	50	1.00	300	<20
18	N	N	700	1.0	100	1.00	50	1.50	300	<20
19	N	N	700	1.0	100	1.00	70	1.50	300	<20
20	N	N	300	1.0	70	1.00	50	1.50	700	<20
21	N	N	300	1.0	50	.30	50	1.00	1,000	<20
22	N	N	300	1.0	70	.30	50	1.50	700	<20
23	N	N	300	1.0	100	.50	50	1.50	700	<20
24	N	N	200	1.0	50	.30	50	1.00	700	<20
25	N	N	300	1.0	70	.30	50	1.00	500	<20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
1689	15	100	.300	N	200	N	--	15	150
1690	20	100	.500	N	200	N	--	20	150
1691	20	300	.500	N	200	N	--	20	150
1692	20	N	.300	N	200	N	--	30	150
1693	10	500	.300	N	200	N	--	10	50
1694	15	100	.500	N	200	N	--	30	150
1695	20	100	.500	N	300	N	--	50	150
1696	15	N	.500	N	200	N	--	20	150
1697	20	150	.300	N	200	N	--	30	150
1698	20	100	.300	N	200	N	--	20	150
1699	20	200	.300	N	200	N	--	30	150
1700	15	200	.300	N	200	N	--	20	100
1701	20	N	.700	N	300	N	--	50	200
1702	15	300	.200	N	200	N	--	20	100
1703	20	300	.300	N	200	N	--	20	100
1704	20	N	.300	N	200	N	--	20	100
1705	15	N	.500	N	150	N	--	20	200
1706	10	700	.200	N	100	N	--	15	70
1707	15	700	.300	N	150	N	--	20	70
1708	20	200	.500	N	150	N	--	30	100
1709	15	100	.500	N	200	N	--	20	100
1710	30	100	.700	N	300	N	--	50	150
1711	30	150	.700	N	300	N	--	50	100
1712	30	150	.700	N	300	N	--	50	100
1713	20	N	.300	N	200	N	--	30	100
1714	20	N	.500	N	200	N	--	30	100
1715	20	200	.500	N	300	N	--	50	150
1716	20	200	.500	N	200	N	--	30	150
1756	10	200	.500	N	100	N	--	20	100
1757	15	100	.500	N	150	N	--	30	200
1942	15	<100	.300	N	150	N	--	30	100
Wiseman B4--continued									
16	30	100	.700	--	200	N	N	30	100
17	20	100	.500	--	200	N	<1.0	20	100
18	20	100	.500	--	200	N	<1.0	30	100
19	30	100	.500	--	200	N	--	30	100
20	30	100	.700	--	150	N	N	50	200
21	20	100	.700	--	150	N	<1.0	20	100
22	20	100	.700	--	150	N	<1.0	30	100
23	30	100	.700	--	200	N	<1.0	30	100
24	20	100	.700	--	150	N	N	30	100
25	30	100	1.000	--	150	N	<1.0	50	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
26	67 20 23	151 40 13	N	N	N	10	--	N	N	N	30
27	67 18 6	151 33 51	N	N	N	10	--	N	N	N	30
28	67 18 16	151 32 37	N	1	N	10	--	N	N	N	30
29	67 16 52	151 38 1	N	N	N	5	--	N	N	N	30
30	67 16 58	151 38 33	N	N	N	10	--	N	N	N	50
31	67 16 44	151 38 33	N	1	N	5	--	N	N	N	30
32	67 15 24	151 36 57	N	N	N	10	--	N	N	N	50
43	67 15 9	151 33 57	N	--	N	--	--	N	N	N	70
44	67 16 52	151 32 11	N	3	N	10	--	N	N	N	50
55	67 22 14	151 33 2	N	2	N	20	--	N	N	N	20
56	67 22 28	151 37 34	N	--	N	--	--	N	N	N	30
57	67 22 16	151 38 6	N	N	N	N	--	N	N	N	30
58	67 22 14	151 37 18	N	N	N	5	--	N	N	N	20
60	67 23 32	151 37 44	N	N	N	5	--	N	N	N	20
61	67 23 30	151 38 22	N	N	N	15	--	N	N	N	70
62	67 22 49	151 43 41	N	N	N	60	--	N	N	N	30
63	67 22 2	151 46 5	N	1	N	15	--	N	N	N	30
64	67 22 22	151 45 54	N	--	N	--	--	N	N	N	30
65	67 20 31	151 46 47	N	N	N	5	--	N	N	N	20
66	67 20 19	151 46 52	N	N	N	5	--	N	N	N	20
67	67 21 10	151 49 53	N	N	N	N	--	N	<.05	1.0	50
69	67 21 8	151 50 31	N	N	N	5	--	N	N	N	20
160	67 24 45	151 30 48	N	N	N	10	--	N	N	N	50
163	67 26 3	151 32 29	N	N	N	10	--	N	N	N	20
164	67 24 36	151 39 36	N	N	N	90	--	N	N	N	100
165	67 24 25	151 39 26	N	N	N	10	--	N	N	N	50
166	67 25 57	151 36 45	N	N	N	<10	--	N	N	N	30
168	67 26 0	151 37 33	N	N	N	<5	--	N	N	N	15
169	67 27 54	151 36 18	N	N	N	5	--	N	N	N	10
195	67 23 30	151 52 8	N	N	N	5	--	N	N	N	30
197	67 23 28	151 51 30	N	N	N	15	--	N	N	N	100
198	67 23 36	151 46 59	N	N	N	15	--	N	N	N	50
199	67 23 48	151 46 53	N	4	N	55	--	N	N	<.5	50
200	67 25 29	151 48 35	N	N	N	15	--	N	N	N	15
201	67 27 16	151 41 50	N	N	N	20	--	N	N	N	20
202	67 27 24	151 42 6	N	N	N	5	--	N	N	N	10
203	67 27 18	151 42 33	N	N	N	10	--	N	N	N	5
204	67 26 26	151 43 26	N	N	N	5	--	N	N	N	15
205	67 26 16	151 43 10	N	N	N	5	--	N	N	N	50
206	67 25 6	151 42 54	N	N	N	10	--	N	N	N	50
207	67 24 54	151 43 4	N	N	N	5	--	N	N	N	50
210	67 27 1	151 54 55	N	2	N	15	--	N	N	N	5
211	67 26 54	151 55 22	N	N	N	<5	--	N	N	N	<5
212	67 27 7	151 51 0	N	--	N	--	--	N	--	N	30
214	67 27 17	151 51 0	N	1	N	10	--	N	N	N	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
26	70	<200	100	N	.50	N	N	5.0	50	50	150
27	30	N	85	N	1.00	N	N	3.0	50	70	200
28	50	N	80	N	.60	N	N	5.0	50	70	200
29	20	N	60	N	.50	N	N	3.0	50	70	150
30	30	N	120	N	2.00	N	N	3.0	70	100	200
31	20	N	55	N	.40	N	N	3.0	50	50	100
32	30	N	90	N	.80	N	N	5.0	50	70	200
43	50	<200	130	N	--	N	--	5.0	150	150	200
44	30	N	75	N	.40	N	N	3.0	70	70	150
55	70	<200	100	N	.35	N	N	2.0	15	30	100
56	30	N	75	N	--	N	--	3.0	20	50	100
57	30	N	60	N	.10	N	N	3.0	20	50	100
58	50	N	75	N	.20	N	N	3.0	20	30	100
60	20	N	45	N	.15	N	N	3.0	20	30	70
61	20	N	65	N	.20	N	N	3.0	20	50	100
62	30	N	85	N	.25	N	N	3.0	20	50	100
63	20	N	100	N	.30	N	N	3.0	30	30	70
64	50	N	--	N	--	N	--	5.0	30	30	100
65	30	N	50	N	.10	N	N	2.0	20	20	50
66	20	N	45	N	.10	N	N	3.0	20	30	100
67	100	N	60	N	.20	N	N	3.0	20	20	50
69	30	N	50	N	.15	N	N	3.0	20	30	70
160	20	N	80	N	.50	N	N	3.0	30	50	100
163	10	N	55	N	.20	N	N	2.0	30	30	100
164	50	N	120	N	.25	N	N	5.0	50	70	200
165	50	N	85	N	.20	N	N	5.0	30	50	150
166	20	N	75	N	.20	N	N	3.0	20	30	100
168	30	N	50	N	.25	N	N	3.0	20	30	100
169	10	N	45	N	.15	N	N	3.0	50	50	150
195	10	N	75	N	.25	N	N	3.0	50	50	100
197	15	N	70	N	.40	N	N	3.0	50	70	100
198	20	<200	100	N	.40	N	N	3.0	50	50	150
199	200	300	280	N	.80	N	N	3.0	50	50	100
200	10	<200	85	N	.10	N	N	3.0	30	50	100
201	20	N	55	N	.10	N	N	3.0	30	50	70
202	10	N	25	N	.05	N	N	.5	<5	<5	20
203	10	N	25	N	.10	N	N	.7	<5	<5	10
204	10	N	40	N	.20	N	N	2.0	20	30	100
205	30	N	110	N	.15	N	N	3.0	100	100	200
206	20	<200	130	N	.25	N	N	3.0	50	70	200
207	20	N	110	N	.15	N	N	3.0	50	70	150
210	30	N	70	N	.20	N	N	3.0	15	20	100
211	20	N	35	N	.15	N	N	.5	<5	<5	20
212	10	N	100	N	--	N	--	3.0	20	50	150
214	10	N	100	N	.30	N	N	5.0	30	100	200

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
26	N	N	500	1.0	70	.30	50	1.00	300	<20
27	N	N	700	1.0	70	1.50	50	1.00	300	<20
28	N	N	700	1.0	100	2.00	50	1.50	300	<20
29	N	N	500	1.0	100	2.00	50	1.00	300	<20
30	N	N	1,000	1.0	100	.70	100	1.00	300	<20
31	N	N	500	1.0	100	2.00	50	1.00	300	<20
32	N	N	700	1.0	100	1.00	50	1.00	500	<20
43	N	N	700	1.0	70	.70	100	1.00	700	<20
44	N	N	500	1.0	100	2.00	50	1.00	300	<20
55	N	N	300	1.0	50	7.00	50	2.00	300	<20
56	N	N	300	1.0	50	.50	50	.70	300	<20
57	N	N	300	1.0	50	1.50	50	.70	300	<20
58	N	N	200	1.0	30	3.00	70	1.50	300	<20
60	N	N	200	1.0	50	.50	50	.50	300	<20
61	N	N	300	1.0	50	.50	50	.70	300	<20
62	N	N	500	1.0	70	.30	50	.70	300	<20
63	N	N	300	1.0	50	.50	50	.70	300	<20
64	N	N	500	1.0	70	1.50	50	1.00	500	<20
65	N	N	200	1.0	30	3.00	50	1.00	300	<20
66	N	N	200	1.0	70	1.00	50	1.00	1,000	<20
67	N	N	200	1.0	50	2.00	50	.70	300	<20
69	N	N	300	1.0	50	3.00	50	1.00	300	<20
160	N	N	500	1.0	70	1.00	50	1.00	300	<20
163	N	N	300	1.0	50	1.00	50	.70	500	<20
164	N	N	500	1.0	100	.50	70	1.00	300	<20
165	N	N	500	1.0	100	.30	50	1.00	300	<20
166	N	N	300	<1.0	30	3.00	50	.70	300	<20
168	N	N	300	<1.0	50	15.00	50	1.00	300	<20
169	N	N	300	1.0	50	.50	70	1.00	500	<20
195	N	N	300	1.0	50	2.00	50	1.00	500	<20
197	N	N	300	1.0	50	1.50	50	.70	500	<20
198	N	N	300	1.0	50	5.00	50	1.00	200	<20
199	N	N	500	5.0	70	.30	100	.70	700	<20
200	N	N	300	1.0	50	.20	70	.70	300	<20
201	N	N	300	1.0	70	5.00	50	1.00	500	<20
202	N	N	200	<1.0	20	20.00	50	1.50	200	<20
203	N	N	200	<1.0	50	5.00	50	1.00	200	<20
204	N	N	200	<1.0	50	10.00	50	1.50	300	<20
205	N	N	300	1.0	70	.20	70	1.00	500	<20
206	N	N	300	1.0	70	.20	50	1.50	500	<20
207	N	N	300	1.0	70	.30	50	1.50	300	<20
210	N	N	1,500	<1.0	50	15.00	50	1.50	300	<20
211	N	N	100	<1.0	10	20.00	50	1.50	300	<20
212	N	N	500	1.0	50	3.00	50	1.50	500	<20
214	N	N	500	1.0	70	1.00	50	1.50	500	<20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
26	30	100	1.000	--	150	N	<1.0	30	150
27	20	200	.500	--	200	N	--	20	100
28	30	200	.700	--	200	N	1.0	30	100
29	20	200	.500	--	150	N	<1.0	20	100
30	30	200	.500	--	200	N	<1.0	50	100
31	20	200	.500	--	200	N	<1.0	30	100
32	30	200	.700	--	200	N	<1.0	30	100
43	30	100	.500	--	300	N	--	50	150
44	20	200	.500	--	200	N	<1.0	50	100
55	5	100	.200	--	100	N	<1.0	20	70
56	20	100	.700	--	150	N	--	20	200
57	20	100	.500	--	100	N	<1.0	20	200
58	20	100	.700	--	150	N	<1.0	20	100
60	20	100	.700	--	150	N	<1.0	20	300
61	20	100	.700	--	150	N	<1.0	20	200
62	20	100	.500	--	150	N	1.0	30	300
63	20	100	.700	--	150	N	1.0	30	300
64	20	100	.500	--	150	N	--	20	200
65	15	100	.500	--	100	N	1.0	20	150
66	15	100	.500	--	100	N	1.0	20	100
67	20	150	.700	--	100	N	<1.0	20	300
69	20	150	.500	--	100	N	--	30	100
160	15	100	.500	--	200	N	<1.0	30	150
163	15	200	.500	--	100	N	<1.0	20	100
164	20	200	.500	--	150	N	13.0	50	150
165	20	200	.500	--	200	N	1.0	30	300
166	15	300	.500	--	150	N	<1.0	20	100
168	15	700	.300	--	100	N	<1.0	20	100
169	20	150	.500	--	150	N	<1.0	30	150
195	15	200	.500	--	200	N	1.0	20	100
197	20	200	.500	--	200	N	1.0	20	200
198	20	300	.700	--	200	N	1.0	20	100
199	15	100	.500	--	150	N	2.0	100	300
200	20	100	.700	--	150	N	1.0	20	200
201	15	300	.500	--	100	N	--	20	200
202	<5	1,000	.300	--	20	N	<1.0	10	100
203	<5	200	.300	--	30	N	2.0	10	200
204	10	1,000	.500	--	100	N	--	20	100
205	20	100	.700	--	200	N	2.0	30	200
206	20	100	.700	--	200	N	1.0	20	200
207	20	100	.700	--	200	N	1.0	50	200
210	7	700	.500	--	70	N	2.0	20	150
211	N	1,000	.200	--	10	N	1.0	N	50
212	15	200	.500	--	200	N	--	20	100
214	20	150	.700	--	300	N	2.0	50	500

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
215	67 28 4	151 53 36	N	N	N	10	--	N	N	N	5
216	67 27 52	151 53 57	N	2	N	5	--	N	N	N	<5
217	67 28 5	151 49 19	N	N	N	15	--	N	N	N	10
218	67 28 56	151 48 31	N	N	N	10	--	N	N	N	20
219	67 29 29	151 49 52	N	1	N	10	--	N	N	N	5
224	67 27 27	151 59 23	N	2	N	10	--	N	N	N	15
225	67 28 10	151 59 34	N	N	N	10	--	N	N	N	10
226	67 28 12	151 58 46	N	N	N	5	--	N	N	N	<5
227	67 28 43	151 59 2	N	N	N	15	--	N	N	N	10
228	67 29 30	151 57 53	N	2	N	20	--	N	N	N	10
229	67 29 26	151 57 21	N	N	N	5	--	N	N	N	10
515	67 15 -5	151 54 37	N	1	N	10	--	N	N	N	15
525	67 19 21	151 57 30	N	1	N	5	--	N	N	N	20
527	67 18 36	151 54 39	N	2	N	<5	--	N	N	N	30
528	67 19 33	151 55 6	N	1	N	10	--	N	N	N	15
529	67 19 13	151 53 14	N	1	N	20	--	N	N	N	20
530	67 19 46	151 55 28	N	1	N	5	--	N	N	N	20
531	67 19 7	151 49 31	N	2	N	<5	--	N	N	N	30
532	67 19 1	151 47 18	N	1	N	5	--	N	N	N	50
533	67 16 54	151 51 32	N	1	N	20	--	N	N	N	30
534	67 16 43	151 51 27	N	1	N	10	--	N	N	N	20
536	67 17 0	151 50 23	N	2	N	10	--	N	N	N	20
537	67 17 18	151 48 48	N	4	N	N	--	N	--	N	20
538	67 17 4	151 48 48	N	N	N	25	--	N	N	N	30
539	67 15 50	151 46 46	N	N	N	10	--	N	--	N	30
540	67 16 1	151 46 46	N	N	N	10	--	N	N	N	20
541	67 15 3	151 43 3	N	N	N	5	--	N	N	N	30
612	67 27 54	151 36 18	N	N	N	5	--	N	N	N	70
622	67 21 4	151 34 38	N	N	N	10	--	N	N	N	70
624	67 20 50	151 34 49	N	N	N	10	--	N	N	N	70
804	67 28 54	151 47 54	N	N	N	10	--	N	N	N	20
805	67 27 52	151 49 8	N	N	N	20	--	N	N	N	20
806	67 27 9	151 50 23	N	N	N	10	--	N	N	N	30
807	67 27 9	151 51 43	N	1	N	5	--	N	N	N	5
808	67 25 39	151 54 54	N	<1	N	5	--	N	N	N	20
809	67 25 12	151 55 10	N	<1	N	30	--	N	N	N	30
810	67 25 37	151 44 8	N	<1	N	10	--	N	<.05	N	20
811	67 25 19	151 44 3	N	<1	N	15	--	N	N	N	50
812	67 23 11	151 56 23	N	<1	N	10	--	N	N	N	50
813	67 23 21	151 51 9	N	<1	N	15	--	N	N	N	70
814	67 23 40	151 51 36	N	<1	N	20	--	N	N	N	20
815	67 22 0	151 57 29	N	<1	N	10	--	N	N	N	30
816	67 21 48	151 57 49	N	<1	N	5	--	N	N	N	20
817	67 24 23	151 48 56	N	5	N	50	--	N	N	N	50
818	67 21 23	151 49 43	N	N	N	5	--	N	N	N	30

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
215	10	N	30	N	.10	N	N	2.0	15	20	70
216	10	N	30	N	.10	N	N	.5	10	10	20
217	10	N	30	N	.05	N	N	3.0	15	20	50
218	10	N	40	N	.10	N	N	2.0	20	30	100
219	200	N	30	N	.10	N	N	5.0	<5	10	20
224	20	N	45	N	.15	N	N	1.5	20	20	50
225	20	N	55	N	.05	N	N	1.5	<5	10	50
226	30	N	35	N	<.05	N	N	1.0	<5	<5	30
227	20	N	45	N	<.05	N	N	2.0	10	20	70
228	10	N	45	N	<.05	N	N	2.0	10	20	70
229	10	N	30	N	N	N	N	2.0	10	20	70
515	15	N	65	N	.25	N	N	2.0	10	20	50
525	20	N	55	N	.10	N	N	2.0	15	20	50
527	20	N	75	N	.10	N	N	3.0	30	50	100
528	20	N	65	N	.25	N	N	2.0	20	20	70
529	20	N	70	N	.15	N	N	3.0	20	30	70
530	30	N	55	N	.30	N	N	2.0	10	20	50
531	20	N	65	N	.20	N	N	5.0	30	50	100
532	20	N	70	N	.15	N	N	5.0	50	50	100
533	20	N	60	N	.30	N	N	2.0	20	20	50
534	20	N	55	N	.30	N	N	3.0	20	30	70
536	20	N	100	N	.50	N	N	2.0	15	30	70
537	20	N	75	N	.60	N	N	2.0	15	30	50
538	10	N	55	N	.15	N	N	5.0	20	20	70
539	20	N	90	N	.70	N	N	3.0	15	30	70
540	20	N	55	N	1.20	N	N	2.0	15	30	70
541	20	N	80	N	.95	N	N	2.0	15	30	70
612	20	N	40	N	.10	N	N	7.0	20	50	100
622	50	<200	60	N	.10	N	N	5.0	20	50	70
624	100	N	45	N	.10	N	N	5.0	30	50	70
804	20	N	60	N	.10	N	<1	3.0	30	70	150
805	20	N	35	N	.10	N	<1	3.0	15	20	70
806	30	N	95	N	.20	N	<1	3.0	30	50	150
807	20	N	20	N	.10	N	<1	1.0	5	10	30
808	30	N	55	N	.20	N	<1	1.5	10	20	50
809	20	N	75	N	.20	N	<1	2.0	15	20	70
810	30	N	60	N	.10	N	<1	2.0	10	20	70
811	30	N	130	N	.20	N	<1	1.5	20	50	150
812	30	N	85	N	.20	N	<1	2.0	15	20	100
813	30	N	100	N	.20	N	<1	2.0	20	30	100
814	30	N	80	N	.15	N	<1	2.0	15	30	100
815	20	N	60	N	.10	N	<1	1.0	15	15	50
816	20	N	60	N	.10	N	<1	1.5	10	15	50
817	200	500	200	N	.75	N	<1	2.0	20	20	70
818	20	N	70	N	.10	N	<1	3.0	15	20	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
215	N	N	200	<1.0	50	20.00	50	1.50	300	<20
216	N	N	100	<1.0	20	20.00	50	1.50	300	<20
217	N	N	200	<1.0	30	10.00	50	1.50	300	<20
218	N	N	200	<1.0	50	3.00	50	1.50	500	<20
219	N	N	1,500	2.0	50	5.00	70	1.00	5,000	<20
224	N	N	200	1.0	50	5.00	50	1.50	300	<20
225	N	N	300	1.0	50	10.00	50	1.00	300	<20
226	N	N	200	<1.0	10	20.00	50	1.00	300	<20
227	N	N	200	1.0	70	15.00	70	1.00	300	<20
228	N	N	200	1.0	100	5.00	70	1.00	300	<20
229	N	N	200	<1.0	50	10.00	50	1.50	300	<20
515	N	N	300	1.0	30	.20	50	.30	700	<20
525	N	N	200	1.0	30	.30	50	.70	700	<20
527	N	N	200	1.0	50	.20	50	1.00	700	<20
528	N	N	200	1.0	20	.30	50	.70	700	<20
529	N	N	200	1.0	20	.20	50	.70	700	<20
530	N	N	200	1.0	70	2.00	50	1.50	700	<20
531	N	N	200	1.0	20	.20	50	1.00	1,000	<20
532	N	N	200	1.0	20	.20	50	1.00	1,000	<20
533	N	N	300	1.0	20	.05	50	.30	200	<20
534	N	N	300	1.0	20	.20	70	.30	700	<20
536	N	N	500	1.0	20	.20	50	.30	500	<20
537	N	N	500	1.0	30	.70	50	.30	300	<20
538	N	N	200	1.0	30	.50	50	.50	1,500	<20
539	N	N	300	1.0	30	.20	50	.30	500	<20
540	N	N	200	1.0	50	.50	50	.30	300	<20
541	N	N	500	1.0	50	.20	50	.50	300	<20
612	N	N	500	1.5	150	1.50	100	1.50	1,500	<20
622	N	N	500	1.0	200	3.00	70	1.50	700	<20
624	N	N	500	1.0	150	2.00	70	2.00	3,000	<20
804	N	N	300	1.5	100	2.00	N	1.50	1,500	N
805	N	N	300	1.0	70	20.00	N	1.50	700	N
806	N	N	700	1.5	150	5.00	50	1.50	700	N
807	N	N	100	<1.0	20	>20.00	20	1.00	500	N
808	N	N	300	1.5	50	5.00	50	.70	700	N
809	N	N	300	2.0	70	.10	N	.50	1,000	N
810	N	N	300	1.5	70	15.00	30	1.50	700	N
811	N	N	500	1.5	100	.30	20	1.00	1,000	N
812	N	N	300	2.0	70	2.00	N	1.00	1,000	N
813	N	N	700	2.0	100	1.50	30	1.50	1,500	N
814	N	N	300	2.0	70	3.00	N	.70	700	N
815	N	N	300	1.0	70	5.00	N	.70	2,000	N
816	N	N	300	1.5	100	5.00	N	.70	700	N
817	N	N	500	3.0	100	.20	50	.50	2,000	N
818	N	N	300	1.0	70	2.00	N	1.00	1,000	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm (s)	Sr-ppm (s)	Ti-pct. (s)	Th-ppm (s)	V-ppm (s)	W-ppm (s)	W-ppm (cm)	Y-ppm (s)	Zr-ppm (s)
215	5	1,000	.300	--	50	N	1.0	15	100
216	N	500	.200	--	10	N	1.0	10	50
217	10	1,000	.500	--	100	N	1.0	20	150
218	10	300	.500	--	150	N	1.0	20	300
219	10	300	.300	--	50	N	1.0	100	150
224	7	200	.300	--	70	N	1.0	20	100
225	<5	500	.300	--	70	N	2.0	20	300
226	<5	2,000	.150	--	30	N	1.0	10	100
227	10	500	.300	--	100	N	3.0	20	200
228	10	200	.300	--	100	N	1.0	20	500
229	5	1,000	.300	--	50	N	1.0	30	200
515	10	<100	.200	N	70	N	1.0	20	100
525	10	<100	.200	N	70	N	1.0	10	100
527	15	<100	.300	N	100	N	2.0	20	150
528	15	<100	.200	N	70	N	1.0	15	100
529	15	<100	.300	N	70	N	2.0	30	150
530	10	200	.200	N	50	N	1.0	15	70
531	15	<100	.300	N	100	N	1.0	20	150
532	20	<100	.300	N	100	N	1.0	30	150
533	10	<100	.200	N	70	N	2.0	20	100
534	20	<100	.300	N	70	N	1.0	30	150
536	10	100	.200	N	70	N	1.0	20	100
537	10	100	.150	N	70	N	2.0	20	100
538	70	<100	.300	N	70	N	2.0	70	150
539	15	150	.200	N	70	N	2.0	20	100
540	10	150	.200	N	70	N	2.0	20	100
541	10	<100	.200	N	70	N	2.0	20	100
612	30	200	.500	N	200	N	1.0	200	200
622	20	200	.700	N	150	N	8.0	30	200
624	20	200	1.000	N	150	N	1.0	50	200
804	15	300	.700	N	200	N	--	30	150
805	10	1,000	.500	N	150	N	--	30	70
806	20	200	.150	N	200	N	--	30	200
807	7	700	.200	N	100	N	--	10	70
808	10	200	.300	N	150	N	--	20	200
809	15	N	.300	N	150	N	--	30	150
810	15	700	.500	N	150	N	--	30	150
811	20	100	.200	N	200	N	--	30	100
812	15	200	.500	N	200	N	--	20	100
813	20	150	.200	N	200	N	--	50	200
814	15	300	.500	N	150	N	--	20	150
815	15	200	.500	N	100	N	--	20	150
816	15	150	.300	N	100	N	--	20	150
817	15	N	.300	N	200	N	--	50	150
818	15	200	.500	N	200	N	--	30	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
819	67 20 56	151 50 9	N	N	N	5	--	N	N	N	15
1007	67 15 18	151 36 31	N	<1	N	5	--	N	N	N	30
1008	67 15 24	151 36 4	N	1	N	10	--	N	N	N	70
1009	67 15 18	151 35 59	N	<1	N	<5	--	N	N	N	30
1010	67 15 28	151 36 36	N	<1	N	5	--	N	N	N	50
1011	67 15 13	151 37 19	N	<1	N	5	--	N	N	N	50
1012	67 17 25	151 39 4	N	1	N	10	--	N	N	N	50
1013	67 17 8	151 38 54	N	<1	N	10	--	N	N	N	50
1015	67 16 58	151 38 33	N	3	N	15	--	N	N	N	30
1016	67 16 44	151 38 33	N	2	N	15	--	N	N	N	50
1017	67 16 52	151 38 1	N	<1	N	10	--	N	N	N	30
1263	67 27 54	151 36 18	N	1	N	5	--	N	N	N	30
1263A	67 27 54	151 36 18	N	<1	N	5	--	N	N	N	30
1264	67 26 3	151 32 29	N	<1	N	5	--	N	N	N	50
1265	67 24 41	151 31 58	N	<1	N	10	--	N	N	N	100
1290F	67 22 56	151 58 47	N	2	N	<5	--	N	N	10.0	10,000
1623	67 15 56	151 30 41	N	N	N	<5	--	N	N	N	50
1624	67 15 46	151 30 46	N	N	N	5	--	N	N	N	70
1865	67 21 46	151 34 40	N	N	N	15	--	N	--	N	10
1866	67 21 42	151 35 17	N	N	N	10	--	N	--	N	10
1867	67 19 50	151 37 0	N	N	N	10	--	N	--	N	15
1868	67 19 50	151 36 28	N	N	N	10	--	N	--	N	30
1869	67 19 4	151 51 30	N	N	N	5	--	N	--	N	20
1870	67 19 17	151 50 58	N	N	N	5	--	N	--	N	20
1871	67 19 30	151 54 16	N	N	N	5	--	N	--	N	20
1872	67 19 44	151 54 27	N	N	N	15	--	N	--	N	30
1873	67 19 25	151 37 58	N	N	N	5	--	N	--	N	20
1874	67 19 27	151 40 26	N	N	N	10	--	N	--	N	20
1875	67 20 1	151 46 45	N	N	N	5	--	N	--	N	15
1876	67 20 35	151 46 4	N	<2	N	10	--	N	--	N	20
1877	67 22 24	151 43 50	N	N	N	15	--	N	--	N	30
1878	67 22 38	151 44 6	N	2	N	15	--	N	--	N	20
1879	67 26 41	151 54 40	N	2	N	5	--	N	--	N	5
1880	67 26 24	151 55 49	N	13	N	35	--	N	--	5.0	15,000
1881	67 26 41	151 43 6	N	N	N	10	--	N	--	N	70
1882	67 26 39	151 43 38	N	N	N	15	--	N	--	N	70
1883	67 25 7	151 47 29	N	N	N	30	--	N	--	N	20
1884	67 25 11	151 48 7	N	N	N	15	--	N	--	N	20
1885	67 28 11	151 53 30	N	N	N	10	--	N	--	N	15
1886	67 27 57	151 54 22	N	<2	N	10	--	N	--	N	10
1887	67 27 26	151 58 54	N	<2	N	35	--	N	--	N	5
1888	67 27 44	151 59 26	N	N	N	15	--	N	--	N	7
1889	67 28 59	151 58 5	N	<2	N	15	--	N	--	N	<5
1892	67 25 6	151 56 1	N	N	N	10	--	N	--	N	10
1893	67 27 33	151 53 12	N	<2	N	10	--	N	--	N	200

Table 4. Spectrographic amd Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
819	15	N	70	N	.10	N	<1	2.0	15	20	30
1007	15	N	65	N	.25	N	<1	3.0	30	70	100
1008	15	N	80	N	.60	N	<1	7.0	20	70	150
1009	15	N	70	N	.30	N	<1	5.0	20	50	100
1010	15	N	60	N	.60	N	<1	7.0	20	70	100
1011	20	N	80	N	1.00	N	<1	5.0	30	100	100
1012	15	N	85	N	.60	N	<1	5.0	20	50	70
1013	15	<200	90	N	.70	N	<1	5.0	20	70	100
1015	15	N	90	N	.60	N	<1	3.0	20	50	70
1016	15	<200	95	N	.85	N	<1	5.0	20	70	70
1017	15	N	55	N	.25	N	<1	7.0	20	50	70
1263	20	<200	60	N	.45	N	<1	7.0	30	70	100
1263A	20	N	40	N	.10	N	<1	5.0	20	70	100
1264	30	N	70	N	.15	N	<1	7.0	20	70	100
1265	50	N	80	N	.60	N	<1	7.0	30	100	100
1290F	3,000	2,000	1,000	N	5.70	30	45	5.0	10	15	30
1623	20	<200	75	N	.20	N	--	7.0	30	100	150
1624	20	200	150	N	1.10	N	--	7.0	50	100	100
1865	20	N	70	N	<.10	N	--	1.5	10	20	30
1866	10	N	60	N	<.10	N	--	2.0	10	20	50
1867	<10	N	40	N	<.10	N	--	3.0	20	30	50
1868	10	N	45	N	N	N	--	3.0	30	30	50
1869	10	N	45	N	N	N	--	3.0	30	30	50
1870	10	N	45	N	<.10	N	--	3.0	20	30	50
1871	10	N	40	N	<.10	N	--	3.0	20	30	30
1872	30	N	70	N	.30	N	--	2.0	20	30	30
1873	10	N	40	N	.10	N	--	2.0	20	30	30
1874	10	N	45	N	.20	N	--	2.0	20	30	50
1875	10	N	40	N	<.10	N	--	3.0	20	30	50
1876	30	<200	80	N	.20	N	--	2.0	20	20	20
1877	20	N	55	N	.10	N	--	3.0	20	30	30
1878	10	N	60	N	.20	N	--	2.0	20	20	30
1879	15	N	30	N	.10	N	--	.7	N	N	10
1880	<10	N	110	N	.40	N	--	1.0	N	N	<10
1881	10	N	30	N	<.10	N	--	1.5	10	15	20
1882	15	N	110	N	N	N	--	1.5	10	20	30
1883	15	N	80	N	.10	N	--	2.0	15	30	30
1884	15	N	35	N	.20	N	--	2.0	20	30	50
1885	20	N	30	N	.10	N	--	1.5	10	20	30
1886	20	N	35	N	.10	N	--	.7	5	7	20
1887	<10	N	30	N	.30	N	--	.7	5	5	15
1888	10	N	30	N	.10	N	--	1.5	7	15	20
1889	10	N	25	N	<.10	N	--	.7	<5	5	15
1892	<10	N	45	N	.20	N	--	1.0	7	15	10
1893	10	N	30	N	.10	N	--	1.0	<5	5	10

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
819	N	N	500	1.5	100	1.00	N	1.50	1,500	N
1007	N	N	700	2.0	100	.20	30	.70	700	N
1008	5	N	1,000	1.5	100	1.50	50	1.50	700	N
1009	<5	N	500	2.0	150	1.50	70	1.50	700	N
1010	<5	N	500	1.5	150	.50	50	1.00	700	N
1011	<5	N	700	1.5	100	.20	100	1.00	700	N
1012	10	N	700	1.5	70	.10	50	1.00	300	N
1013	15	N	700	1.5	100	.15	50	1.00	700	N
1015	<5	N	500	1.0	100	.70	30	1.00	500	N
1016	<5	N	700	1.5	100	.20	50	1.00	700	N
1017	N	N	300	1.0	70	1.50	N	1.50	700	N
1263	N	N	700	1.0	100	.70	20	2.00	2,000	N
1263A	N	N	300	1.0	100	2.00	20	2.00	1,000	N
1264	N	N	300	1.0	100	1.00	30	2.00	1,000	N
1265	7	N	700	1.0	200	2.00	100	2.00	1,000	<20
1290F	N	N	200	1.5	15	<.05	N	1.00	300	N
1623	N	N	500	2.0	100	.20	50	1.00	500	20
1624	N	N	700	2.0	100	1.00	70	1.00	1,000	20
1865	N	N	150	1.0	70	1.50	<20	1.00	300	N
1866	N	N	150	2.0	100	.70	N	1.00	700	N
1867	N	N	150	1.0	70	.70	N	1.00	1,500	N
1868	N	N	200	1.0	50	.50	20	1.50	1,000	N
1869	N	N	150	1.5	70	.20	<20	1.50	1,500	N
1870	N	N	100	1.0	50	.20	N	1.50	1,500	N
1871	N	N	150	1.5	70	.20	N	1.00	1,500	N
1872	N	N	300	1.0	70	.70	20	1.00	2,000	N
1873	N	N	150	1.0	70	.50	N	1.50	1,000	N
1874	N	N	150	1.5	70	.15	<20	1.00	1,500	N
1875	N	N	150	1.5	70	.50	N	1.00	1,500	N
1876	N	N	150	1.5	50	3.00	N	1.50	1,000	N
1877	N	N	200	1.5	70	.30	20	1.00	1,000	N
1878	N	N	200	1.0	50	.30	20	.70	700	N
1879	N	N	150	<1.0	<10	20.00	N	1.00	500	N
1880	N	10	20	<1.0	10	5.00	N	.07	200	N
1881	N	N	100	1.0	70	10.00	N	.70	300	N
1882	N	N	150	1.0	70	2.00	N	.70	300	N
1883	N	N	150	1.5	50	3.00	30	.70	500	N
1884	N	N	200	2.0	70	.20	20	.50	700	N
1885	N	N	100	1.0	50	10.00	N	.70	300	N
1886	N	N	70	<1.0	20	15.00	N	.70	200	N
1887	N	N	70	<1.0	30	10.00	N	.70	300	N
1888	N	N	100	<1.0	50	10.00	N	1.00	300	N
1889	N	N	70	<1.0	20	7.00	N	.50	200	N
1892	N	N	70	N	20	1.00	N	.50	500	N
1893	N	N	70	<1.0	30	10.00	N	.70	300	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
819	15	N	.500	N	100	N	--	20	150
1007	20	100	1.000	N	200	N	1.0	30	300
1008	15	200	.500	N	300	N	1.0	30	150
1009	15	100	.300	N	150	N	1.0	30	150
1010	15	100	.500	N	150	N	.5	30	200
1011	15	100	.500	N	150	N	1.0	30	150
1012	15	100	.500	N	150	N	1.0	30	150
1013	15	150	.700	N	150	N	1.0	30	200
1015	15	100	.500	N	150	N	2.0	30	150
1016	15	100	.500	N	150	N	2.0	30	150
1017	15	150	.700	N	150	N	1.5	30	150
1263	20	N	1.000	N	200	N	--	50	300
1263A	20	200	.500	N	150	N	--	70	300
1264	20	100	1.000	N	200	N	--	70	300
1265	20	200	1.000	N	200	N	--	70	500
1290F	7	N	.100	N	50	N	--	10	100
1623	20	100	.500	N	200	N	--	50	200
1624	20	100	.500	N	200	N	--	50	200
1865	10	<100	.150	N	70	N	--	20	50
1866	10	100	.300	N	100	N	--	20	70
1867	15	<100	.300	N	100	N	--	20	70
1868	15	<100	.300	N	100	N	--	50	100
1869	15	<100	.500	N	100	N	--	30	100
1870	15	<100	.300	N	100	N	--	20	100
1871	15	<100	.300	N	100	N	--	20	70
1872	15	<100	.200	N	100	N	--	20	70
1873	15	<100	.300	N	100	N	--	20	50
1874	15	<100	.300	N	100	N	--	20	70
1875	15	<100	.300	N	100	N	--	20	70
1876	10	200	.200	N	100	N	--	20	70
1877	15	N	.200	N	100	N	--	30	100
1878	10	<100	.200	N	100	N	--	20	70
1879	<5	700	.050	N	15	N	--	N	15
1880	N	150	.015	N	10	N	--	N	10
1881	7	1,000	.200	N	50	N	--	20	50
1882	10	200	.200	N	70	N	--	30	70
1883	10	300	.200	N	70	N	--	20	50
1884	10	<100	.300	N	100	N	--	20	70
1885	7	700	.150	N	50	N	--	20	30
1886	5	700	.070	N	30	N	--	15	30
1887	5	500	.070	N	20	N	--	10	30
1888	7	700	.100	N	50	N	--	20	50
1889	5	500	.100	N	20	N	--	15	30
1892	5	<100	.100	N	30	N	--	10	30
1893	5	700	.070	N	20	N	--	10	20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
					Wiseman B5--continued						
79	67 22 15	152 0 43	N	1	N	5	--	N	N	N	10
80	67 22 9	152 0 22	N	1	N	5	--	N	N	N	10
81	67 22 1	152 0 22	N	1	N	5	--	N	N	N	30
82	67 21 56	152 0 49	N	--	N	--	--	N	N	N	10
83	67 21 56	152 0 49	N	N	N	10	--	N	N	N	10
220	67 22 15	152 0 43	N	N	N	15	--	N	N	N	20
221	67 25 56	152 1 56	N	1	N	<5	--	N	N	N	20
223	67 25 46	152 1 56	N	1	N	20	--	N	N	N	15
244	67 29 27	152 5 12	N	1	N	15	--	N	N	N	10
245	67 27 37	152 3 50	N	N	N	5	--	N	N	N	50
250	67 29 4	152 16 48	N	--	N	--	--	N	--	N	20
251	67 29 13	152 18 2	N	N	N	15	--	N	N	N	20
252	67 28 54	152 17 41	N	2	N	40	--	N	N	N	70
253	67 27 55	152 16 35	N	2	N	120	--	N	<.10	N	20
254	67 25 56	152 16 37	N	15	N	20	--	N	N	N	10
255	67 25 50	152 16 21	N	4	N	5	--	N	<.10	N	30
256	67 27 28	152 19 9	N	1	N	<5	--	N	N	N	10
257	67 27 13	152 19 14	N	2	N	5	--	N	--	N	10
258	67 26 44	152 13 53	N	N	N	20	--	N	N	N	10
259	67 26 31	152 13 58	N	N	N	N	--	N	N	N	10
260	67 26 5	152 11 6	N	2	N	20	--	N	N	N	20
261	67 26 18	152 10 45	N	1	N	N	--	N	N	N	5
262	67 24 35	152 8 46	N	2	N	5	--	N	N	N	10
263	67 25 11	152 6 44	N	1	N	10	--	N	N	N	10
265	67 28 55	152 12 36	N	--	N	--	--	N	N	N	20
276	67 21 27	152 7 59	N	2	N	5	--	N	N	N	<5
278	67 23 6	152 14 30	N	--	N	--	--	N	N	N	10
279	67 23 18	152 14 20	N	2	N	5	--	N	N	N	7
280	67 23 37	152 15 13	N	N	N	5	--	N	N	N	7
281	67 23 39	152 15 35	N	--	N	--	--	N	N	N	5
282	67 23 20	152 15 45	N	N	N	15	--	N	N	N	5
283	67 20 47	152 12 3	N	2	N	10	--	N	N	N	5
284	67 21 47	152 21 7	N	4	N	40	--	N	N	N	10
285	67 20 31	152 22 4	N	1	N	5	--	N	N	N	5
286	67 23 27	152 20 22	N	N	N	10	--	N	N	N	5
288	67 23 29	152 20 49	N	2	N	20	--	N	N	N	5
289	67 23 17	152 20 38	N	N	N	80	--	N	N	N	10
290	67 26 1	152 28 49	N	3	N	30	--	N	N	N	5
292	67 24 58	152 19 58	N	N	N	20	--	N	<.05	N	20
293	67 25 10	152 20 9	N	N	N	10	--	N	N	N	20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
					Wiseman B5--continued						
79	<10	N	50	N	N	N	N	2.0	20	30	30
80	10	N	50	N	.10	N	N	2.0	20	30	30
81	10	N	45	N	.15	N	N	2.0	20	30	30
82	10	N	50	N	--	N	--	2.0	20	20	30
83	<10	N	50	N	.20	N	N	3.0	20	20	50
220	10	N	50	N	.90	N	N	5.0	20	100	100
221	15	N	40	N	.05	N	N	2.0	10	20	50
223	20	N	45	N	.15	N	N	1.5	20	30	50
244	15	N	65	N	.10	N	N	3.0	10	20	70
245	20	N	110	N	.35	N	N	5.0	50	70	150
250	20	N	65	N	--	N	--	5.0	15	50	100
251	20	N	<5	N	.20	N	N	5.0	20	50	100
252	20	N	50	N	.50	N	N	2.0	20	20	50
253	50	N	75	N	.30	N	N	2.0	20	20	70
254	20	N	35	N	.25	N	N	2.0	15	20	50
255	20	N	30	N	.25	N	N	2.0	15	15	50
256	10	N	35	N	.15	N	N	2.0	15	10	50
257	20	N	55	N	.40	N	N	2.0	15	15	50
258	20	N	40	N	.25	N	N	2.0	15	15	50
259	30	N	45	N	.15	N	N	2.0	10	10	50
260	10	N	40	N	.20	N	N	2.0	15	15	50
261	10	N	30	N	.20	N	N	2.0	10	10	30
262	10	N	35	N	.30	N	N	2.0	10	10	50
263	20	N	35	N	.25	N	N	2.0	10	10	50
265	20	N	100	N	--	N	--	2.0	20	20	50
276	10	N	25	N	.25	N	N	.5	<5	10	10
278	15	N	35	N	--	N	--	1.5	10	10	50
279	10	N	45	N	.15	N	N	2.0	10	10	50
280	10	N	30	N	.10	N	N	1.5	10	10	30
281	10	N	30	N	--	N	--	1.0	10	10	30
282	10	N	30	N	.15	N	N	1.0	10	10	30
283	10	N	30	N	.20	N	N	1.0	10	10	30
284	15	N	50	N	.20	N	N	1.0	10	10	50
285	20	N	50	N	.25	N	N	.7	10	7	50
286	10	N	25	N	.20	N	N	.5	<5	5	30
288	15	N	30	N	.25	N	N	.5	<5	5	30
289	15	N	30	N	.20	N	N	1.0	10	10	50
290	20	N	45	N	.05	N	N	1.5	10	10	50
292	30	N	60	N	.10	N	N	1.5	20	20	50
293	20	N	55	N	.10	N	N	2.0	20	20	70

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
					Wiseman B5--continued					
79	N	N	200	1.0	30	3.00	50	.70	300	<20
80	N	N	300	1.0	50	3.00	50	1.00	300	<20
81	N	N	300	1.0	50	3.00	50	1.00	300	<20
82	N	N	200	1.0	30	3.00	50	1.00	300	<20
83	N	N	200	1.0	30	3.00	50	1.00	300	<20
220	N	N	300	1.0	70	1.00	200	1.50	500	<20
221	N	N	300	<1.0	70	10.00	50	1.50	500	<20
223	N	N	300	1.0	30	5.00	50	.70	300	<20
244	N	N	300	1.0	100	15.00	50	1.50	300	<20
245	N	N	500	1.0	100	2.00	50	1.50	500	<20
250	N	N	500	1.0	50	10.00	50	2.00	700	<20
251	N	N	1,000	<1.0	100	10.00	100	2.00	700	<20
252	N	N	300	1.0	50	7.00	50	1.00	300	<20
253	N	N	300	1.0	50	15.00	50	1.50	300	<20
254	N	N	200	1.0	70	10.00	50	1.50	300	<20
255	N	N	200	1.0	50	15.00	50	1.50	300	<20
256	N	N	300	1.0	100	1.00	100	.70	200	<20
257	N	N	300	1.0	50	7.00	70	1.00	300	<20
258	N	N	300	1.0	50	10.00	50	1.00	300	<20
259	N	N	300	1.0	100	15.00	50	1.50	300	<20
260	N	N	300	1.0	70	10.00	50	1.00	300	<20
261	N	N	200	1.0	50	5.00	50	1.50	200	<20
262	N	N	200	1.0	50	10.00	70	1.50	300	<20
263	N	N	500	1.0	50	10.00	70	1.50	300	<20
265	N	N	500	1.0	50	7.00	50	1.50	500	<20
276	N	N	200	<1.0	50	10.00	50	1.00	300	<20
278	N	N	300	1.0	70	7.00	50	1.00	300	<20
279	N	N	300	1.0	50	7.00	50	1.00	300	<20
280	N	N	300	1.0	50	10.00	50	1.00	300	<20
281	N	N	300	<1.0	50	10.00	50	1.00	200	<20
282	N	N	200	<1.0	50	7.00	50	1.00	300	<20
283	N	N	200	1.0	70	10.00	50	1.00	300	<20
284	N	N	300	1.0	30	10.00	50	1.00	300	<20
285	N	N	300	1.0	30	15.00	50	1.00	300	<20
286	N	N	200	<1.0	20	20.00	50	.70	300	<20
288	N	N	200	<1.0	30	20.00	50	.70	300	<20
289	N	N	300	1.0	20	10.00	50	1.00	300	<20
290	N	N	300	<1.0	20	10.00	50	.70	300	<20
292	N	N	300	1.0	30	2.00	50	.70	300	<20
293	N	N	300	1.5	70	.50	50	.70	300	<20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm (s)	Sr-ppm (s)	Ti-pct. (s)	Th-ppm (s)	V-ppm (s)	W-ppm (s)	W-ppm (em)	Y-ppm (s)	Zr-ppm (s)
				Wiseman B5--continued					
79	20	200	.500	--	70	N	1.0	20	50
80	20	200	.500	--	70	N	3.0	30	100
81	20	200	.500	--	50	N	3.0	20	50
82	20	200	.500	--	50	N	--	20	70
83	20	200	.500	--	50	N	2.0	20	50
220	15	100	.500	--	200	N	4.0	50	300
221	10	200	.500	--	100	N	1.0	20	200
223	7	200	.300	--	70	N	2.0	20	100
244	10	500	.500	--	70	N	1.0	20	300
245	20	300	.700	--	300	N	<1.0	30	300
250	15	200	.500	--	200	N	1.0	20	200
251	15	200	.500	--	200	N	2.0	30	300
252	15	200	.500	--	100	N	1.0	20	300
253	10	700	.500	--	100	N	2.0	20	100
254	10	300	.500	--	100	N	2.0	20	150
255	10	300	.500	--	100	N	3.0	20	150
256	15	N	.700	--	100	N	1.0	50	500
257	10	500	.500	--	100	N	1.0	20	200
258	10	300	.700	--	100	N	1.0	20	200
259	7	300	.500	--	100	N	2.0	20	200
260	10	300	.500	--	150	N	1.0	15	300
261	5	N	.300	--	50	N	2.0	15	100
262	5	300	.500	--	100	N	<1.0	20	300
263	5	500	.500	--	100	N	4.0	20	200
265	10	200	.300	--	150	N	4.0	10	100
276	5	300	.300	--	20	N	1.0	15	70
278	10	300	.500	--	100	N	1.0	20	200
279	10	200	.500	--	100	N	1.0	20	300
280	5	200	.300	--	50	N	1.0	20	150
281	5	300	.200	--	50	N	<1.0	15	100
282	5	300	.200	--	50	N	<1.0	15	150
283	7	300	.300	--	50	N	1.0	20	150
284	7	500	.300	--	50	N	2.0	20	200
285	5	1,000	.200	--	30	N	1.0	10	70
286	5	500	.200	--	20	N	1.0	10	70
288	5	300	.150	--	20	N	<1.0	10	70
289	10	500	.500	--	100	N	1.0	20	150
290	10	500	.500	--	70	N	1.0	20	100
292	10	200	.500	--	70	N	1.0	20	300
293	20	100	.500	--	100	N	1.0	30	300

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
294	67 24 38	152 23 20	N	N	N	15	--	N	N	N	7
296	67 24 49	152 23 42	N	2	N	25	--	N	N	N	15
297	67 26 56	152 24 2	N	10	N	60	--	N	N	N	15
298	67 27 59	152 23 37	N	2	N	30	--	N	N	N	15
299	67 27 57	152 24 9	N	2	N	15	--	N	N	N	15
300	67 20 54	152 25 0	N	1	N	10	--	N	N	N	5
301	67 21 24	152 27 51	N	2	N	5	--	N	N	N	10
302	67 21 25	152 27 19	N	N	N	10	--	N	<.50	N	20
303	67 23 5	152 28 16	N	N	N	<5	--	N	N	N	5
304	67 22 58	152 29 20	N	4	N	5	--	N	N	N	10
305	67 22 48	152 28 47	N	N	N	5	--	N	N	N	10
307	67 22 38	152 29 24	N	N	N	10	--	N	N	N	20
320	67 17 56	152 22 47	N	N	N	10	--	N	N	N	50
397	67 15 57	152 26 10	N	N	N	15	--	--	--	N	5
398	67 15 39	152 21 18	N	--	N	--	--	--	--	N	10
399	67 15 39	152 21 18	N	--	N	--	--	--	--	N	15
441	67 15 42	152 26 41	N	<2	N	15	--	--	--	N	30
453	67 19 6	152 13 36	N	<2	N	15	--	--	--	N	10
454	67 19 16	152 13 58	N	N	N	10	--	--	--	N	10
455	67 19 16	152 13 58	N	--	500	--	--	--	--	1.0	50
456	67 18 17	152 13 19	N	<2	N	10	--	--	--	N	10
457	67 18 29	152 13 30	N	<2	N	20	--	--	--	N	10
458	67 16 8	152 10 32	N	2	N	15	--	--	--	N	20
459	67 17 30	152 15 4	N	<2	N	15	--	--	--	N	500
460	67 17 30	152 15 4	N	--	N	--	--	--	--	N	15
461	67 16 38	152 16 38	N	<2	N	10	--	--	--	N	10
462	67 16 15	152 15 46	N	<2	N	20	--	--	--	N	30
482	67 15 50	152 7 15	N	--	N	--	--	N	N	N	30
483	67 16 3	152 7 16	N	3	N	30	--	N	<.05	N	30
484	67 15 54	152 7 47	N	2	N	10	--	N	N	N	30
485	67 17 35	152 9 19	N	N	N	10	--	N	<.05	N	30
486	67 17 24	152 9 40	N	N	N	N	--	N	N	N	30
487	67 19 17	152 8 50	N	N	N	5	--	N	N	N	30
488	67 19 24	152 8 23	N	N	N	5	--	N	N	N	20
489	67 17 7	152 4 59	N	N	N	10	--	N	N	N	30
490	67 19 0	152 3 4	N	N	N	5	--	N	N	N	30
492	67 19 47	152 3 15	N	N	N	5	--	N	N	N	15
493	67 17 19	152 2 36	N	N	N	5	--	N	N	N	30
494	67 17 38	152 2 31	N	N	N	5	--	N	N	N	30
495	67 16 12	152 1 20	N	N	N	30	--	N	N	N	20
496	67 16 19	152 5 14	N	N	N	10	--	N	N	N	20
626	67 19 5	152 6 10	N	N	N	5	--	N	N	N	100
628	67 17 30	152 15 4	N	N	N	10	--	N	N	N	50
630	67 17 30	152 15 4	N	N	N	10	--	N	N	N	70
632	67 17 49	152 28 0	N	N	N	10	--	N	N	N	30

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
294	20	N	55	N	.15	N	N	1.5	10	15	50
296	20	N	60	N	.20	N	N	2.0	15	20	70
297	15	N	45	N	.20	N	N	.5	<5	5	30
298	15	N	55	N	.15	N	N	2.0	15	10	50
299	20	N	55	N	.25	N	N	2.0	20	20	70
300	20	N	50	N	.20	N	N	1.0	10	10	50
301	30	N	60	N	.15	N	N	1.5	10	10	50
302	20	N	65	N	.30	N	N	2.0	20	20	70
303	30	N	45	N	.20	N	N	1.0	10	10	50
304	20	N	40	N	.25	N	N	2.0	<5	15	50
305	20	N	35	N	.15	N	N	2.0	15	15	50
307	20	N	55	N	.20	N	N	2.0	15	30	50
320	50	N	45	N	.15	N	N	2.0	15	20	50
397	10	N	70	N	.20	N	--	3.0	5	15	50
398	10	N	--	N	--	N	--	7.0	7	20	70
399	15	N	60	N	--	N	--	5.0	10	20	150
441	10	N	110	N	.15	N	--	3.0	30	50	50
453	30	N	80	N	.15	N	--	2.0	5	15	30
454	10	N	80	N	.10	N	--	5.0	15	20	30
455	10	N	90	N	--	N	--	15.0	15	20	150
456	15	N	70	N	.15	N	--	3.0	7	20	50
457	30	N	90	N	.30	N	--	2.0	5	20	30
458	10	N	90	N	.25	N	--	2.0	5	10	30
459	10	N	70	N	.15	N	--	2.0	7	20	30
460	30	N	100	N	--	N	--	10.0	10	30	200
461	20	N	80	N	.25	N	--	3.0	7	20	50
462	15	N	110	N	.20	N	--	5.0	15	20	50
482	20	N	50	N	--	N	--	3.0	10	10	70
483	20	N	65	N	.10	N	N	3.0	20	20	70
484	30	N	45	N	.30	N	N	3.0	10	10	70
485	20	N	55	N	.15	N	N	3.0	30	30	70
486	30	N	80	N	.40	N	N	3.0	20	30	100
487	20	N	75	N	.10	N	N	3.0	30	30	70
488	20	N	70	N	.15	N	N	2.0	10	15	30
489	20	N	70	N	.05	N	N	3.0	20	20	100
490	20	N	45	N	.05	N	N	3.0	15	20	30
492	20	N	70	N	.15	N	N	2.0	10	20	30
493	20	N	70	N	.15	N	N	2.0	20	30	70
494	20	<200	130	N	.20	N	N	3.0	50	50	70
495	20	N	55	N	.30	N	N	5.0	20	20	20
496	20	N	50	N	.10	N	N	3.0	15	20	70
626	20	<200	45	N	.10	N	N	5.0	50	70	70
628	20	<200	45	N	.15	N	N	5.0	50	70	70
630	30	<200	55	N	.10	N	N	7.0	50	100	100
632	50	<200	45	N	.15	N	N	3.0	10	15	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
294	N	N	200	<1.0	30	15.00	50	.70	300	<20
296	N	N	300	1.0	30	5.00	50	1.50	300	<20
297	N	N	100	<1.0	10	20.00	50	.70	200	<20
298	N	N	300	1.5	50	.50	50	.50	300	<20
299	N	N	300	1.0	50	2.00	50	.70	300	<20
300	N	N	300	1.0	50	10.00	50	1.00	300	<20
301	N	N	300	1.5	50	7.00	50	1.00	300	<20
302	N	N	500	1.5	70	3.00	50	1.00	500	<20
303	N	N	200	1.0	20	15.00	50	1.00	300	<20
304	N	N	200	1.0	50	15.00	50	1.00	300	<20
305	N	N	200	1.0	20	10.00	50	.50	300	<20
307	N	N	200	1.0	50	5.00	50	.50	300	<20
320	N	N	100	<1.0	30	10.00	50	.70	300	<20
397	N	N	20	N	15	2.00	20	.50	500	20
398	N	N	50	N	20	5.00	20	.50	500	20
399	N	N	30	N	15	5.00	20	.30	500	20
441	N	N	50	N	20	.15	50	1.00	1,000	20
453	N	N	200	N	15	1.50	20	.50	200	20
454	N	N	50	N	20	1.50	N	1.50	2,000	20
455	<5	N	20	N	30	1.00	N	.50	>5,000	20
456	N	N	150	N	20	10.00	20	1.00	700	N
457	N	N	100	N	15	.70	30	.50	300	20
458	N	N	150	N	20	.10	30	.50	500	N
459	N	N	50	N	15	.30	20	1.00	1,000	N
460	<5	N	50	N	50	.30	N	1.00	2,000	N
461	N	N	70	N	20	.50	20	1.00	300	N
462	N	N	50	N	30	.20	20	1.50	1,500	N
482	N	N	200	1.0	50	.07	50	.50	300	<20
483	N	N	200	1.0	50	.05	50	.50	300	<20
484	N	N	200	1.0	50	.07	50	.50	200	<20
485	N	N	200	1.0	50	.10	50	.50	700	<20
486	N	N	200	1.0	50	.10	50	.70	500	<20
487	N	N	200	1.0	50	.10	50	.50	500	<20
488	N	N	200	1.0	50	1.00	50	.50	500	<20
489	N	N	200	1.0	50	.10	70	.50	500	<20
490	N	N	150	1.0	50	.50	50	.50	700	<20
492	N	N	200	1.0	30	1.50	50	.50	500	<20
493	N	N	200	1.0	50	.10	70	.50	500	<20
494	N	N	150	1.5	30	.10	100	.50	700	<20
495	N	N	200	1.0	30	.10	150	.15	500	<20
496	N	N	200	1.0	50	.07	50	.50	500	<20
626	N	N	300	1.0	150	1.50	70	1.50	2,000	<20
628	N	N	300	1.0	200	1.50	70	1.00	2,000	<20
630	N	N	500	1.0	200	1.50	70	2.00	3,000	<20
632	N	N	200	<1.0	100	10.00	70	1.50	1,000	<20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
294	10	500	.500	--	70	N	1.0	20	100
296	10	300	.500	--	100	N	2.0	20	100
297	5	700	.200	--	20	N	1.0	10	50
298	15	100	.500	--	100	N	1.0	20	500
299	15	200	.500	--	100	N	1.0	15	300
300	10	300	.500	--	50	N	1.0	10	300
301	10	300	.500	--	50	N	3.0	30	200
302	15	200	.500	--	100	N	2.0	30	300
303	7	300	.200	--	50	N	1.0	10	70
304	5	500	.200	--	70	N	1.0	20	200
305	10	500	.500	--	100	N	2.0	20	150
307	10	200	.200	--	100	N	3.0	20	150
320	15	300	.700	--	50	N	<1.0	20	100
397	10	<100	.300	--	50	N	--	10	30
398	20	200	.500	--	100	N	--	15	50
399	20	200	.500	--	50	N	--	15	50
441	20	<100	.200	--	50	N	--	30	50
453	10	<100	.150	--	30	N	--	15	70
454	20	<100	.500	--	50	N	--	15	50
455	30	<100	.300	--	100	N	--	30	30
456	10	200	.200	--	50	N	--	10	50
457	10	<100	.200	--	30	N	--	15	50
458	10	N	.150	--	50	N	--	10	50
459	10	<100	.300	--	30	N	--	10	50
460	20	<100	.200	--	100	N	--	15	50
461	10	150	.150	--	50	N	--	10	50
462	15	<100	.200	--	50	N	--	15	50
482	15	100	.300	N	100	N	2.0	20	100
483	15	100	.300	N	100	N	2.0	30	100
484	15	<100	.300	N	100	N	2.0	20	100
485	15	<100	.300	N	70	N	2.0	30	200
486	15	<100	.300	N	100	N	2.0	30	100
487	15	<100	.200	N	100	N	2.0	20	100
488	7	200	.200	N	70	N	1.0	20	200
489	20	100	.300	N	100	N	2.0	50	150
490	10	<100	.300	N	70	N	1.0	30	150
492	7	200	.200	N	70	N	1.0	20	150
493	15	<100	.300	N	100	N	2.0	30	150
494	10	<100	.200	N	70	N	2.0	50	100
495	10	<100	.100	N	50	N	2.0	50	50
496	15	<100	.300	N	70	N	2.0	20	150
626	20	200	.700	N	150	N	1.0	50	200
628	20	200	.700	N	150	N	1.0	50	200
630	7	200	.700	N	150	N	1.0	50	150
632	20	500	.500	N	50	N	3.0	20	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
634	67 17 39	152 28 15	N	N	N	10	--	N	N	N	50
638	67 29 10	152 29 22	N	N	N	5	--	N	N	N	100
640	67 29 2	152 29 6	N	N	N	10	--	N	N	N	100
874	67 26 17	152 1 40	N	1	N	5	--	N	N	N	5
875	67 25 42	152 1 19	N	1	N	10	--	N	N	N	5
876	67 27 38	152 6 20	N	3	N	10	--	N	N	N	15
877	67 29 37	152 5 44	N	<1	N	20	--	N	N	N	10
878	67 23 4	152 5 11	N	<1	N	15	--	N	N	N	15
879	67 24 56	152 7 15	N	1	N	10	--	N	N	N	10
880	67 27 8	152 15 24	N	2	N	25	--	N	N	N	15
881	67 26 50	152 15 13	N	1	N	15	--	N	N	N	30
882	67 25 55	152 9 57	N	2	N	20	--	N	N	N	10
883	67 20 54	152 18 21	N	1	N	10	--	N	N	N	20
884	67 20 38	152 17 48	N	<1	N	15	--	N	N	N	15
885	67 21 31	152 18 38	N	1	N	20	--	N	N	N	5
886	67 21 44	152 22 22	N	2	N	10	--	N	N	N	10
887	67 18 0	152 24 17	N	<1	N	10	--	N	N	N	7
888	67 18 25	152 23 19	N	1	N	5	--	N	N	N	5
889	67 18 34	152 22 0	N	1	N	5	--	N	N	N	7
890	67 23 36	152 26 57	N	<1	N	5	--	N	N	N	15
890	67 23 36	152 26 57	N	<1	N	10	--	N	N	N	20
893	67 26 25	152 24 12	N	2	N	30	--	N	N	N	15
894	67 25 22	152 29 14	N	1	N	20	--	N	N	N	15
895	67 15 42	152 25 32	N	<1	N	15	--	N	N	N	15
896	67 15 28	152 25 32	N	<1	N	N	--	N	N	N	30
897	67 18 54	152 29 11	N	1	N	15	--	N	N	N	10
1132	67 22 7	152 1 5	N	<1	N	<5	--	N	N	N	30
1603	67 15 23	152 4 46	N	N	N	5	--	N	N	N	100
1604	67 15 16	152 5 38	N	N	N	15	--	N	N	N	100
1890	67 28 13	152 9 27	N	2	N	20	--	N	--	N	10
1891	67 27 52	152 8 59	N	3	N	15	--	N	--	N	15
1903	67 16 8	152 16 28	N	<2	N	50	--	N	--	N	20
1904	67 16 15	152 15 46	N	2	N	15	--	N	--	N	30
1905	67 17 17	152 15 44	N	<2	N	10	--	N	--	N	15
1906	67 17 13	152 14 24	N	2	N	15	--	N	--	N	15
1907	67 18 5	152 14 12	N	2	N	10	--	N	--	N	10
1908	67 18 10	152 12 20	N	<2	N	5	--	N	--	N	10
1909	67 16 40	152 1 39	N	2	N	15	--	N	--	N	20
1910	67 18 54	152 5 2	N	2	N	5	--	N	--	N	10
1911	67 18 40	152 4 35	N	2	N	5	--	N	--	N	100
1912	67 25 18	152 28 46	N	3	N	20	--	N	--	N	30
1913	67 25 58	152 22 51	N	2	N	10	--	N	--	N	5
1914	67 27 32	152 23 34	N	2	N	20	--	N	--	N	15
1915	67 26 45	152 16 13	N	3	N	15	--	N	--	N	10
1916	67 26 31	152 16 12	N	<2	N	15	--	N	--	1.0	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
634	20	<200	45	N	.10	N	N	5.0	30	70	70
638	30	<200	95	N	.20	N	N	7.0	50	100	150
640	30	<200	120	N	.15	N	N	7.0	50	100	150
874	10	N	30	N	.10	N	<1	1.5	5	15	20
875	15	N	30	N	.10	N	<1	1.0	7	10	30
876	15	N	50	N	.15	N	<1	2.0	10	15	50
877	20	N	60	N	.15	N	<1	2.0	10	15	50
878	15	N	70	N	.15	N	<1	3.0	20	15	50
879	15	N	35	N	.10	N	<1	2.0	10	15	30
880	30	N	50	N	.10	N	<1	2.0	10	15	50
881	20	N	35	N	.10	N	<1	2.0	10	15	50
882	20	N	40	N	.10	N	<1	1.0	7	10	30
883	20	N	35	N	.10	N	<1	2.0	10	20	50
884	20	N	50	N	.05	N	<1	2.0	10	15	50
885	10	N	20	N	.05	N	<1	1.5	5	7	20
886	15	N	45	N	.05	N	<1	1.5	7	10	30
887	15	N	40	N	.10	N	<1	1.5	10	15	50
888	20	N	60	N	.05	N	<1	2.0	10	15	70
889	20	N	30	N	.05	N	<1	1.5	5	10	30
890	15	N	30	N	.05	N	<1	2.0	10	15	50
890	50	N	20	N	.05	N	<1	2.0	10	20	100
893	30	N	60	N	.10	N	<1	2.0	7	20	50
894	30	N	45	N	.10	N	<1	3.0	10	20	70
895	20	N	60	N	.15	N	<1	3.0	15	20	70
896	15	N	100	N	.15	N	<1	3.0	50	50	70
897	20	N	35	N	.05	N	<1	1.5	5	10	30
1132	30	N	50	N	.15	N	<1	3.0	15	30	70
1603	30	<200	160	N	.40	N	--	5.0	100	150	70
1604	30	<200	75	N	.10	N	--	5.0	100	70	70
1890	10	N	45	N	.10	N	--	1.0	7	10	15
1891	20	N	75	N	.20	N	--	1.0	10	15	20
1903	10	N	90	N	.30	N	--	2.0	20	50	50
1904	10	N	55	N	.10	N	--	5.0	30	50	30
1905	10	N	60	N	.10	N	--	3.0	15	30	30
1906	<10	N	50	N	.10	N	--	2.0	15	30	30
1907	<10	N	45	N	.10	N	--	2.0	15	30	30
1908	15	N	40	N	N	N	--	2.0	10	20	20
1909	10	N	25	N	N	N	--	5.0	5	10	50
1910	<10	N	45	N	<.10	N	--	2.0	20	30	30
1911	10	200	140	N	.50	N	--	3.0	100	100	50
1912	30	N	60	N	.10	N	--	2.0	15	30	50
1913	10	N	30	N	<.10	N	--	2.0	10	15	30
1914	15	N	50	N	<.10	N	--	2.0	15	20	20
1915	15	N	35	N	<.10	N	--	1.5	10	15	15
1916	10	N	25	N	N	N	--	1.0	7	5	20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
634	N	N	200	1.0	100	7.00	70	1.50	2,000	<20
638	N	N	500	1.5	150	.50	100	2.00	1,000	<20
640	N	N	500	1.5	150	.50	200	2.00	1,000	<20
874	N	N	150	1.0	50	10.00	N	1.00	500	N
875	N	N	150	1.0	50	20.00	N	1.00	500	N
876	N	N	300	1.0	100	15.00	N	1.50	700	N
877	N	N	300	1.5	150	20.00	150	1.50	500	N
878	N	N	300	1.5	150	1.00	50	.50	1,000	N
879	N	N	200	1.0	100	15.00	N	1.00	500	N
880	N	N	300	1.0	100	15.00	70	1.50	700	N
881	N	N	200	1.0	100	20.00	50	1.50	500	N
882	N	N	300	1.0	100	20.00	30	1.50	500	N
883	N	N	200	1.0	50	20.00	50	.70	700	N
884	N	N	300	2.0	100	.50	50	.50	700	N
885	N	N	150	1.0	30	15.00	N	.70	300	N
886	N	N	300	1.5	70	15.00	N	.70	500	N
887	N	N	150	1.0	70	20.00	N	.70	500	N
888	N	N	300	1.5	70	1.50	50	.70	700	N
889	N	N	200	1.0	70	20.00	N	.50	500	N
890	N	N	200	1.0	50	15.00	20	1.00	500	N
890	N	N	500	N	50	20.00	20	2.00	700	N
893	N	N	300	2.0	100	15.00	20	.70	500	N
894	N	N	200	1.5	70	20.00	30	1.00	500	N
895	N	N	300	2.0	100	5.00	N	1.00	700	N
896	N	N	200	2.0	100	.30	30	.70	2,000	N
897	N	N	150	1.0	30	20.00	N	.70	500	N
1132	N	N	300	1.5	100	2.00	30	1.50	700	N
1603	N	N	200	2.0	100	.15	50	.70	1,500	20
1604	N	N	200	2.0	100	.15	50	1.00	1,500	20
1890	N	N	150	1.0	70	3.00	N	1.00	300	N
1891	N	N	150	<1.0	50	5.00	100	1.00	500	N
1903	N	N	200	1.5	100	.15	20	.70	700	N
1904	N	N	100	1.5	100	.20	N	1.00	2,000	N
1905	N	N	150	1.5	50	.15	N	.70	500	N
1906	N	N	150	1.5	100	.20	N	1.00	1,000	N
1907	N	N	100	<1.0	50	.20	N	1.00	1,000	N
1908	N	N	150	1.5	70	2.00	N	.70	1,000	N
1909	N	N	150	2.0	70	.20	N	1.00	1,500	<20
1910	N	N	150	1.5	70	.30	N	.70	1,500	N
1911	N	N	150	1.5	50	.20	150	1.00	3,000	N
1912	N	N	200	2.0	100	10.00	70	.70	700	N
1913	N	N	100	1.0	50	10.00	20	1.00	500	N
1914	N	N	150	1.0	70	2.00	20	.50	500	N
1915	N	N	100	1.0	50	10.00	N	1.00	500	N
1916	N	N	100	1.0	50	7.00	<20	1.00	200	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
634	15	200	.500	N	150	N	1.0	50	200
638	20	200	.700	N	200	N	2.0	50	200
640	20	200	.700	N	200	N	2.0	70	200
874	7	200	.200	N	50	N	--	15	200
875	7	700	.150	N	50	N	--	10	100
876	10	300	.200	N	70	N	--	20	150
877	10	500	.200	N	70	N	--	20	200
878	15	N	.500	N	70	N	--	30	300
879	7	500	.300	N	50	N	--	20	150
880	7	300	.200	N	70	N	--	20	200
881	7	300	.200	N	70	N	--	20	200
882	7	300	.200	N	50	N	--	20	200
883	7	500	.200	N	70	N	--	10	100
884	10	N	.300	N	70	N	--	20	300
885	5	300	.300	N	30	N	--	15	70
886	10	300	.200	N	50	N	--	15	200
887	10	300	.300	N	100	N	--	15	200
888	10	100	.500	N	70	N	--	20	200
889	7	700	.500	N	70	N	--	15	150
890	10	700	.150	N	100	N	--	30	100
890	15	1,000	.300	N	100	N	--	30	200
893	10	300	.500	N	100	N	--	20	300
894	10	500	.200	N	150	N	--	15	100
895	15	100	.700	N	100	N	--	10	200
896	15	N	.700	N	150	N	--	30	150
897	5	500	.300	N	50	N	--	10	100
1132	15	150	.300	N	150	N	--	30	150
1603	20	N	.500	N	150	N	--	70	150
1604	20	N	.500	N	150	N	--	70	150
1890	7	150	.150	N	50	N	--	20	50
1891	10	200	.200	N	70	N	--	20	50
1903	20	N	.200	N	100	N	--	50	70
1904	20	<100	.300	N	100	N	--	30	100
1905	10	N	.300	N	100	N	--	30	100
1906	15	N	.200	N	100	N	--	30	70
1907	10	N	.200	N	70	N	--	20	50
1908	10	200	.200	N	70	N	--	20	50
1909	20	<100	.500	N	100	N	--	50	70
1910	10	<100	.200	N	70	N	--	20	70
1911	15	<100	.300	N	100	N	--	70	50
1912	15	500	.200	N	70	N	--	30	50
1913	10	1,000	.200	N	50	N	--	30	50
1914	10	200	.200	N	70	N	--	20	70
1915	10	700	.200	N	30	N	--	20	30
1916	5	500	.100	N	30	N	--	15	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1917	67 29 4	152 16 48	N	<2	N	10	--	N	--	N	30
1918	67 28 54	152 17 15	N	2	N	25	--	N	--	N	20
1936	67 24 33	152 9 36	N	N	N	10	--	N	--	N	20
1937	67 24 23	152 9 14	N	2	N	10	--	N	--	N	7
1938	67 22 11	152 10 32	N	2	N	10	--	N	--	N	5
		Wiseman B6--continued									
1	67 24 21	152 49 28	N	N	N	20	--	N	N	N	10
308	67 22 2	152 31 57	N	N	N	15	--	N	N	N	20
309	67 21 58	152 31 15	N	2	N	15	--	N	<.35	N	30
310	67 22 17	152 35 42	N	N	N	30	--	N	<.17	N	15
311	67 22 38	152 35 48	N	N	N	10	--	N	<.06	N	10
312	67 22 6	152 39 46	N	N	500	100	--	N	<.48	N	20
313	67 21 1	152 36 48	N	N	N	<10	--	N	--	N	15
314	67 20 44	152 37 19	N	N	N	30	--	N	<.05	N	20
315	67 20 55	152 36 16	N	N	N	10	--	N	N	N	20
316	67 20 29	152 34 1	N	N	N	20	--	N	N	N	7
317	67 20 5	152 32 20	N	N	N	20	--	N	--	N	7
318	67 19 24	152 32 29	N	N	N	15	--	N	N	N	5
319	67 19 21	152 30 5	N	N	N	10	--	N	--	N	15
322	67 29 1	152 38 54	N	N	N	25	--	N	N	N	50
323	67 28 50	152 38 48	N	2	N	60	--	N	N	N	100
324	67 28 53	152 38 16	N	N	N	15	--	N	N	N	70
343	67 28 58	152 49 58	N	N	N	10	--	N	N	N	10
344	67 29 12	152 50 36	N	N	N	20	--	N	--	N	50
345	67 29 6	152 50 14	N	N	N	10	--	N	N	N	10
346	67 29 19	152 45 10	N	N	N	10	--	N	N	N	50
352	67 17 54	152 32 41	N	N	N	20	--	N	--	N	5
353	67 17 27	152 32 56	N	N	N	10	--	N	--	N	50
355	67 17 30	152 36 34	N	N	N	10	--	N	N	N	30
356	67 17 42	152 36 50	N	N	N	10	--	N	N	N	30
357	67 18 40	152 35 33	N	N	N	10	--	N	--	N	15
358	67 19 39	152 37 32	N	N	N	30	--	N	N	N	15
359	67 19 18	152 37 47	N	N	N	10	--	N	--	N	100
360	67 15 37	152 30 34	N	N	N	20	--	N	--	N	150
361	67 15 34	152 33 50	N	N	N	20	--	N	--	N	100
368	67 15 52	152 41 6	N	N	N	10	--	N	--	N	50
370	67 16 37	152 45 17	N	--	N	--	--	N	--	N	100
372	67 18 39	152 43 31	N	N	N	15	--	N	--	N	15
374	67 16 50	152 45 23	N	N	N	5	--	N	N	N	20
375	67 16 54	152 49 22	N	N	N	5	--	N	N	N	20
376	67 17 8	152 49 28	N	N	N	<5	--	N	--	N	10

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
1917	10	N	45	N	<.10	N	--	1.5	10	15	30
1918	15	N	45	N	.10	N	--	1.5	7	15	30
1936	15	N	45	N	N	N	--	5.0	30	50	70
1937	20	N	25	N	N	N	--	1.5	7	15	20
1938	10	N	15	N	N	N	--	1.0	5	7	20
					Wiseman B6--continued						
1	30	N	50	N	.10	N	N	1.5	<5	20	30
308	30	N	60	N	.30	N	N	3.0	20	30	100
309	30	N	50	N	.20	N	N	2.0	30	30	70
310	20	N	45	N	.20	N	N	1.5	20	20	70
311	20	N	40	N	.30	N	N	1.5	20	20	50
312	30	N	70	N	.45	N	N	2.0	30	30	70
313	20	N	55	N	1.10	N	N	3.0	30	30	70
314	50	N	80	N	.30	N	N	2.0	50	30	70
315	30	N	40	N	.30	N	N	2.0	30	30	70
316	50	N	40	N	.40	N	N	1.5	15	20	50
317	30	N	40	N	.40	N	N	1.5	20	20	70
318	50	N	55	N	.60	N	N	1.0	10	7	50
319	50	N	55	N	.25	N	N	1.0	15	10	50
322	30	N	100	N	.30	N	N	3.0	30	70	200
323	30	N	80	N	.30	N	N	2.0	20	50	100
324	50	<200	110	N	.30	N	N	5.0	30	70	200
343	10	N	25	N	.20	N	N	2.0	30	50	100
344	30	<200	100	N	.60	N	N	5.0	50	70	200
345	10	N	35	N	.15	N	N	2.0	20	30	100
346	20	N	100	N	.30	N	N	5.0	50	70	200
352	30	N	50	N	.30	N	N	2.0	15	20	50
353	30	<200	40	N	.10	N	N	5.0	20	20	150
355	20	N	75	N	.15	N	N	3.0	30	50	150
356	30	N	65	N	.15	N	N	5.0	50	50	150
357	50	N	60	N	.30	N	N	1.0	15	10	50
358	20	N	40	N	.15	N	N	2.0	20	10	50
359	20	N	85	N	.40	N	N	5.0	50	50	200
360	20	<200	130	N	.50	N	N	7.0	300	200	150
361	20	<200	140	N	.40	N	N	5.0	300	200	150
368	10	N	75	N	.15	N	N	5.0	150	100	100
370	20	N	65	N	--	N	--	3.0	50	50	100
372	20	N	45	N	.05	N	N	3.0	20	20	50
374	20	N	50	N	.20	N	N	2.0	30	50	150
375	15	N	60	N	N	N	N	3.0	30	50	100
376	20	N	50	N	.20	N	N	3.0	30	50	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm	Sn-ppm	Ba-ppm	Be-ppm	B-ppm	Ca-pct.	La-ppm	Mg-pct.	Mn-ppm	Nb-ppm
	s	s	s	s	s	s	s	s	s	s
1917	N	N	150	1.5	70	5.00	50	1.00	300	N
1918	N	N	200	1.5	70	5.00	30	1.00	500	N
1936	N	N	200	2.0	100	.20	<20	1.00	1,000	N
1937	N	N	100	1.0	50	10.00	N	.70	500	N
1938	N	N	70	<1.0	50	15.00	N	1.00	200	N
				Wiseman B6--continued						
1	N	N	150	1.0	20	10.00	50	1.00	300	<20
308	N	N	300	1.5	50	5.00	50	1.00	300	<20
309	N	N	300	2.0	70	.70	50	.70	300	<20
310	N	N	500	1.0	50	10.00	50	.70	300	<20
311	N	N	300	1.0	50	15.00	50	1.00	300	<20
312	N	N	300	1.5	50	.50	50	.50	300	<20
313	N	N	300	1.5	70	2.00	50	.70	300	<20
314	N	N	300	1.0	100	5.00	70	.70	300	<20
315	N	N	300	1.0	100	7.00	100	.70	300	<20
316	N	N	200	<1.0	50	15.00	50	1.00	300	<20
317	N	N	200	<1.0	20	20.00	50	1.00	300	<20
318	N	N	100	<1.0	10	20.00	50	1.50	300	<20
319	N	N	100	<1.0	20	20.00	50	1.00	300	<20
322	N	N	300	2.0	70	2.00	100	.70	300	<20
323	N	N	300	1.0	70	7.00	100	1.00	300	<20
324	N	N	300	2.0	70	1.00	200	1.00	500	<20
343	N	N	300	1.5	50	.20	50	.20	300	<20
344	N	N	300	2.0	70	.15	500	.50	300	<20
345	N	N	300	1.5	70	.15	100	.20	500	<20
346	N	N	300	2.0	100	.20	150	.70	300	<20
352	N	N	150	1.0	50	15.00	50	1.00	300	<20
353	N	N	200	1.0	30	10.00	50	1.00	500	<20
355	N	N	500	1.5	70	1.00	50	1.00	700	<20
356	N	N	200	1.5	100	.70	50	1.00	500	<20
357	N	N	200	1.0	20	10.00	50	1.50	300	<20
358	N	N	200	1.5	50	2.00	50	.70	300	<20
359	N	N	200	1.5	100	2.00	50	1.50	300	<20
360	N	N	200	1.5	100	.50	150	1.50	1,000	<20
361	N	N	200	1.5	100	.50	100	1.50	1,000	<20
368	N	N	300	1.0	100	1.00	50	1.50	1,000	<20
370	N	N	500	1.0	70	2.00	50	1.50	700	<20
372	N	N	300	<1.0	50	10.00	50	1.00	500	<20
374	N	N	500	1.0	70	5.00	50	1.50	500	<20
375	N	N	500	1.0	100	2.00	50	1.00	1,000	<20
376	N	N	500	1.0	50	5.00	50	1.00	500	<20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm em	Y-ppm s	Zr-ppm s
1917	7	300	.150	N	50	N	--	30	70
1918	7	500	.200	N	50	N	--	20	100
1936	20	<100	.300	N	100	N	--	30	70
1937	10	300	.200	N	50	N	--	20	50
1938	7	500	.100	N	30	N	--	20	50
				Wiseman B6--continued					
1	5	200	.200	--	50	N	<1.0	20	100
308	20	200	.500	--	100	N	2.0	20	200
309	20	200	.700	--	100	N	<1.0	70	300
310	10	500	.500	--	100	N	<1.0	20	150
311	10	700	.500	--	100	N	<1.0	20	100
312	15	N	.700	--	100	N	2.0	20	300
313	20	200	1.000	--	100	N	<1.0	30	200
314	15	300	.700	--	70	N	<1.0	50	300
315	15	300	.700	--	70	N	<1.0	30	200
316	5	500	.300	--	50	N	<1.0	20	200
317	10	500	.300	--	50	N	<1.0	20	70
318	5	500	.300	--	30	N	<1.0	10	70
319	10	300	.500	--	30	N	<1.0	15	100
322	20	300	.500	--	200	N	2.0	30	150
323	20	500	.300	--	100	N	<1.0	20	150
324	30	200	.500	--	200	N	1.0	30	150
343	20	150	.500	--	100	N	<1.0	30	150
344	20	150	.700	--	150	N	1.0	30	200
345	15	150	.500	--	100	N	<1.0	30	200
346	30	150	.500	--	200	N	1.0	30	200
352	10	300	.500	--	50	N	<1.0	15	300
353	15	300	.700	--	150	N	2.0	20	200
355	20	100	.500	--	150	N	2.0	20	200
356	20	100	.500	--	150	N	1.0	20	500
357	10	200	.700	--	50	N	2.0	20	100
358	15	150	.700	--	50	N	1.0	20	300
359	30	200	.700	--	200	N	--	20	200
360	30	<100	.700	--	200	N	2.0	200	200
361	30	<100	.700	--	200	N	--	100	150
368	50	150	.700	--	150	N	--	50	200
370	20	200	.500	--	150	N	--	30	150
372	10	500	.700	--	20	N	--	30	150
374	20	200	.500	--	100	N	--	30	100
375	20	150	.500	--	100	N	1.0	30	150
376	20	200	.500	--	100	N	--	30	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
377	67 18 47	152 44 8	N	N	N	N	--	N	N	N	10
378	67 22 44	152 48 3	N	N	N	20	--	N	N	N	7
379	67 20 32	152 44 24	N	N	N	15	--	N	N	N	20
381	67 22 41	152 48 35	N	N	N	10	--	N	--	N	10
383	67 22 56	152 43 43	N	2	200	50	--	N	N	N	10
385	67 23 10	152 43 49	N	N	N	15	--	N	N	N	10
387	67 23 35	152 42 56	N	3	N	60	--	N	N	N	20
388	67 23 43	152 43 23	N	N	N	35	--	N	N	N	10
389	67 24 34	152 42 59	N	N	N	5	--	N	N	N	5
390	67 24 28	152 43 25	N	N	N	10	--	N	N	N	20
391	67 25 54	152 44 17	N	N	N	15	--	N	N	N	10
392	67 26 4	152 44 45	N	N	N	5	--	N	N	N	10
393	67 25 49	152 45 5	N	<2	N	35	--	--	--	N	7
394	67 26 56	152 42 23	N	3	N	65	--	--	--	N	30
395	67 26 48	152 41 50	N	4	N	60	--	--	--	N	15
396	67 27 39	152 43 45	N	<2	N	60	--	--	--	N	10
466	67 15 8	152 57 3	N	<2	N	10	--	--	--	N	20
471	67 15 2	152 51 34	N	<2	N	10	--	--	--	N	10
557	67 26 42	152 37 2	N	1	N	40	--	N	N	N	10
558	67 24 36	152 33 2	N	3	N	25	--	N	N	N	20
559	67 24 48	152 33 13	N	2	N	25	--	N	N	N	5
636	67 23 19	152 50 50	N	N	N	30	--	N	N	N	50
891	67 22 31	152 31 42	N	2	N	15	--	N	N	N	7
892	67 22 23	152 31 15	N	2	N	15	--	N	N	N	15
1208	67 27 12	152 31 15	N	<1	N	5	--	N	N	N	50
1209	67 27 19	152 34 33	N	1	N	30	--	N	N	N	30
1210	67 28 48	152 39 26	N	<1	N	10	--	N	N	N	70
1211	67 29 27	152 39 49	N	<1	N	20	--	N	N	N	50
1216	67 29 42	152 48 50	N	<1	N	10	--	N	N	N	50
1220	67 26 10	152 55 31	N	<1	N	20	--	N	N	N	30
1221	67 26 28	152 55 48	N	<1	N	25	--	N	N	N	30
1222	67 26 17	152 57 24	N	1	N	15	--	N	N	N	30
1223	67 25 21	152 57 37	N	<1	N	15	--	N	N	N	70
1224	67 26 44	152 51 48	N	<1	N	40	--	N	N	N	50
1225	67 23 9	152 50 44	N	1	N	40	--	N	N	N	30
1226	67 24 34	152 42 59	N	<1	N	<1	--	N	N	N	10
1227	67 24 28	152 43 25	N	<1	N	20	--	N	N	N	20
1228	67 22 41	152 45 2	N	1	N	40	--	N	N	N	50
1229	67 19 9	152 44 31	N	<1	N	5	--	N	N	N	50
1230	67 16 57	152 48 13	N	<1	N	15	--	N	N	N	30
1231	67 19 45	152 56 51	N	<1	N	5	--	N	N	N	50
1232	67 20 6	152 57 3	N	<1	N	<1	--	N	N	N	30
1233	67 15 40	152 40 28	N	<1	N	5	--	N	N	N	50
1234	67 15 48	152 38 48	N	<1	N	10	--	N	N	N	50
1235	67 17 27	152 32 56	N	<1	N	10	--	N	N	N	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
377	10	N	35	N	.10	N	N	2.0	20	20	50
378	20	N	35	N	.10	N	---	1.0	10	15	30
379	30	N	60	N	.10	N	---	3.0	20	20	100
381	20	N	70	N	.20	N	N	2.0	20	30	100
383	30	N	85	N	.20	N	N	3.0	15	20	50
385	30	N	30	N	.20	N	N	1.0	15	20	50
387	30	N	80	N	.35	N	N	2.0	50	20	50
388	20	N	35	N	N	N	N	1.0	20	20	50
389	20	N	25	N	.20	N	N	.5	10	10	50
390	30	N	50	N	N	N	N	3.0	50	50	150
391	20	N	25	N	.10	N	N	.7	<5	10	70
392	20	N	25	N	.10	N	N	.7	<5	<5	70
393	20	N	80	N	.20	N	---	2.0	N	5	20
394	100	200	290	N	.30	N	---	2.0	10	15	50
395	70	N	110	N	.15	N	---	1.0	N	5	20
396	30	N	80	N	.10	N	---	2.0	5	10	30
466	10	N	60	N	.20	N	---	2.0	5	20	30
471	10	N	80	N	.10	N	---	2.0	5	10	30
557	30	1,000	55	N	.20	N	N	1.0	<5	15	30
558	30	N	65	N	.15	N	N	2.0	20	30	50
559	30	N	50	N	.25	N	N	1.5	<5	10	20
636	100	<200	90	N	.25	N	N	5.0	15	20	50
891	20	N	30	N	.05	N	<1	2.0	10	15	30
892	30	N	45	N	.05	N	<1	3.0	10	15	50
1208	50	200	110	N	.15	N	<1	7.0	50	100	150
1209	70	<200	70	N	.15	N	<1	5.0	20	50	150
1210	10	200	110	N	.15	N	<1	7.0	50	150	200
1211	20	500	110	N	.15	N	<1	7.0	50	150	200
1216	10	300	130	N	.15	N	<1	7.0	70	200	200
1220	50	N	75	N	.15	N	<1	5.0	50	70	100
1221	50	N	35	N	.10	N	<1	7.0	20	70	150
1222	30	<200	60	N	.10	N	<1	7.0	30	70	150
1223	50	200	100	N	.10	N	<1	10.0	30	70	150
1224	50	N	20	N	.10	N	<1	7.0	30	70	150
1225	50	N	110	N	.25	N	<1	5.0	30	50	100
1226	10	N	5	N	.10	N	<1	1.0	5	20	50
1227	50	N	35	N	.10	N	<1	3.0	15	20	100
1228	70	N	70	N	.10	N	<1	5.0	15	30	100
1229	20	N	40	N	.10	N	<1	5.0	15	30	100
1230	30	<200	45	N	.10	N	<1	5.0	20	50	100
1231	50	N	100	N	.15	N	<1	5.0	20	50	150
1232	30	N	50	N	.25	N	<1	5.0	15	20	70
1233	30	<200	85	N	.15	N	<1	7.0	70	150	100
1234	20	<200	80	N	.20	N	<1	7.0	150	200	100
1235	50	<200	40	N	.10	N	<1	10.0	20	50	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
377	N	N	300	1.0	30	5.00	50	1.50	500	<20
378	N	N	300	1.0	20	.50	50	.50	200	<20
379	N	N	300	1.0	50	10.00	50	1.00	500	<20
381	N	N	500	1.0	30	7.00	50	1.00	300	<20
383	N	N	300	1.0	30	1.00	50	.70	500	<20
385	N	N	300	<1.0	30	20.00	50	1.00	200	<20
387	N	N	300	1.5	50	1.00	50	.50	300	<20
388	N	N	300	1.0	50	1.00	50	.50	300	<20
389	N	N	200	<1.0	20	20.00	50	1.00	200	N
390	<5	N	300	1.0	70	.70	50	1.00	300	<20
391	N	N	200	<1.0	20	20.00	50	1.00	200	N
392	N	N	100	<1.0	20	20.00	50	1.00	200	N
393	N	N	100	N	10	7.00	20	.20	100	N
394	N	N	200	N	50	5.00	20	1.50	300	N
395	N	N	100	N	10	20.00	20	.50	200	N
396	N	N	50	N	15	20.00	50	.50	200	N
466	N	N	500	N	20	.50	20	.50	3,000	20
471	N	N	30	N	20	.05	30	.20	300	20
557	N	N	150	1.0	20	5.00	50	.50	300	<20
558	N	N	200	1.0	50	3.00	50	.50	300	<20
559	N	N	150	1.0	20	5.00	50	.50	300	<20
636	N	N	500	<1.0	100	10.00	70	1.00	2,000	<20
891	N	N	300	1.5	30	20.00	N	.70	700	N
892	N	N	300	2.0	50	20.00	20	1.00	700	N
1208	N	N	1,000	1.0	100	2.00	100	5.00	1,000	N
1209	N	N	700	1.0	100	10.00	50	2.00	1,000	N
1210	N	N	700	2.0	100	.20	100	2.00	1,000	<20
1211	N	N	700	2.0	100	2.00	50	2.00	1,000	N
1216	N	N	700	2.0	100	.20	100	1.00	1,000	<20
1220	N	N	700	1.0	50	15.00	200	1.00	1,000	N
1221	N	N	700	1.0	70	20.00	100	1.00	1,000	N
1222	N	N	1,000	1.0	70	2.00	100	1.00	1,000	<20
1223	N	N	1,000	1.0	70	.50	150	1.00	2,000	<20
1224	N	N	700	1.0	70	20.00	150	1.00	1,000	N
1225	N	N	700	1.0	50	10.00	100	1.00	1,000	N
1226	N	N	100	N	10	20.00	30	.70	200	N
1227	N	N	300	1.0	70	20.00	100	1.00	700	N
1228	N	N	500	2.0	100	5.00	100	1.00	700	N
1229	N	N	500	1.0	70	3.00	150	2.00	1,000	N
1230	N	N	500	1.0	70	1.00	50	2.00	1,000	N
1231	N	N	300	1.0	70	10.00	70	2.00	1,000	N
1232	N	N	300	1.0	70	20.00	50	2.00	700	N
1233	N	N	700	1.0	100	.50	100	2.00	1,000	<20
1234	N	N	500	1.0	100	1.00	100	2.00	2,000	N
1235	N	N	200	N	100	10.00	100	3.00	1,500	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm em	Y-ppm s	Zr-ppm s
377	10	200	.500	--	50	N	2.0	50	150
378	5	N	.500	--	20	N	2.0	50	150
379	15	300	.500	--	50	N	4.0	20	300
381	15	200	.500	--	70	N	--	20	200
383	15	150	.500	--	50	N	8.0	30	500
385	10	1,500	.300	--	30	N	1.0	20	100
387	10	<100	.700	--	30	N	3.0	30	300
388	10	100	.500	--	50	N	2.0	20	300
389	5	1,500	.200	--	20	N	2.0	10	50
390	15	100	.500	--	100	N	2.0	30	300
391	5	1,500	.200	--	20	N	1.0	10	50
392	5	2,000	.200	--	20	N	1.0	10	50
393	N	1,000	.300	--	15	N	--	N	100
394	10	200	.100	--	30	N	--	10	50
395	N	2,000	.100	--	10	N	--	20	30
396	N	1,000	.100	--	30	N	--	10	50
466	10	<100	.100	--	50	N	--	15	50
471	10	<100	.100	--	50	N	--	10	50
557	5	500	.150	N	50	N	2.0	20	50
558	10	300	.200	N	70	N	2.0	30	100
559	5	500	.200	N	30	N	2.0	20	150
636	15	300	.700	N	50	N	3.0	50	200
891	10	700	.700	N	100	N	--	10	100
892	10	500	.700	N	70	N	--	15	100
1208	20	200	1.000	N	200	N	--	70	500
1209	20	1,000	.500	N	150	N	--	50	300
1210	30	300	1.000	N	300	N	--	70	500
1211	30	500	1.000	N	300	N	--	70	500
1216	30	300	1.000	N	300	N	--	70	500
1220	20	500	.700	N	200	N	--	50	500
1221	20	1,000	.700	N	200	N	--	70	200
1222	20	300	1.000	N	200	N	--	70	500
1223	30	N	1.000	N	200	N	--	70	300
1224	15	2,000	.500	N	150	N	--	50	200
1225	10	300	.500	N	100	N	--	50	200
1226	N	2,000	.050	N	50	N	--	10	20
1227	10	2,000	.700	N	50	N	--	50	200
1228	15	1,000	1.000	N	100	N	--	70	500
1229	10	300	1.000	N	100	N	--	70	300
1230	20	N	1.000	N	100	N	--	50	500
1231	20	1,500	1.000	N	100	N	--	70	200
1232	10	1,000	1.000	N	50	N	--	30	150
1233	20	N	1.000	N	200	N	--	70	300
1234	30	N	1.000	N	150	N	--	70	300
1235	20	300	1.000	N	200	N	--	70	200

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1236	67 16 50	152 31 40	N	<1	N	10	--	N	N	N	70
1237	67 19 34	152 31 36	N	<1	N	10	--	N	N	N	10
1578	67 15 2	152 56 51	N	N	N	<5	--	N	N	N	30
1792	67 29 49	152 54 47	N	N	N	10	--	N	--	N	20
1793	67 26 42	152 49 36	N	<2	N	30	--	N	--	N	10
1794	67 27 8	152 53 55	N	N	N	35	--	N	--	N	15
1795	67 22 26	152 56 37	N	N	N	10	--	N	--	N	10
1796	67 22 4	152 53 23	N	N	N	10	--	N	--	N	7
1797	67 23 59	152 50 11	N	2	N	100	--	N	--	N	10
1798	67 23 33	152 47 7	N	3	N	40	--	N	--	N	15
1799	67 24 51	152 43 40	N	<2	N	20	--	N	--	N	5
1800	67 23 47	152 44 23	N	4	N	90	--	N	--	N	15
1801	67 22 39	152 42 31	N	3	200	55	--	N	--	N	20
1802	67 22 39	152 35 57	N	2	N	35	--	N	--	N	10
1803	67 22 17	152 35 45	N	<2	N	20	--	N	--	N	7
1804	67 28 51	152 38 22	N	<2	N	30	--	N	--	N	70
1805	67 28 35	152 34 31	N	N	N	15	--	N	--	N	30
1806	67 28 26	152 36 7	N	N	N	25	--	N	--	N	20
1807	67 26 10	152 32 55	N	<2	N	15	--	N	--	N	50
1896	67 15 32	152 38 36	N	N	N	20	--	N	--	N	70
1897	67 16 6	152 56 30	N	N	N	10	--	N	--	N	15
1898	67 15 33	152 37 38	N	N	N	10	--	N	--	N	300
1899	67 15 41	152 33 56	N	2	N	10	--	N	--	N	50
1900	67 18 4	152 35 10	N	<2	N	20	--	N	--	N	10
1901	67 17 48	152 35 19	N	<2	N	5	--	N	--	N	20
1902	67 16 44	152 32 4	N	<2	N	15	--	N	--	N	30
					Wiseman C1--continued						
1078	67 44 2	150 5 35	N	2	N	10	--	N	N	N	50
1078A	67 44 2	150 5 35	N	2	N	10	--	N	N	.5	70
1079	67 43 36	150 3 54	N	1	N	10	--	N	N	N	50
1080	67 43 8	150 1 24	N	<1	N	10	--	N	N	N	30
1081	67 39 32	150 0 35	N	2	N	10	--	N	N	N	30
1082	67 38 30	150 2 11	N	<1	N	5	--	N	N	N	50
1083	67 38 51	150 3 20	N	<1	N	10	--	N	N	N	50
1084	67 37 36	150 4 56	N	<1	N	10	--	N	N	N	30
1085	67 35 51	150 1 12	N	1	N	15	--	N	N	N	50
1086	67 34 34	150 1 56	N	<1	N	5	--	N	N	N	30
1107	67 44 43	150 20 36	N	1	N	<5	--	N	N	N	50
1108	67 44 42	150 21 35	N	<1	N	10	--	N	N	N	50
1109	67 42 55	150 22 30	N	1	N	<5	--	N	N	N	30
1110	67 42 53	150 25 56	N	<1	N	5	--	N	N	N	50
1111	67 43 54	150 28 8	N	<1	N	10	--	N	N	N	70

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
1236	10	200	60	N	.10	N	<1	7.0	100	150	150
1237	70	N	30	N	.10	N	<1	2.0	20	10	50
1578	20	200	60	N	.10	N	--	5.0	20	50	50
1792	N	N	90	N	.40	N	--	1.5	15	30	30
1793	15	N	40	N	<.10	N	--	1.0	10	15	20
1794	<10	N	65	N	.10	N	--	1.5	15	30	30
1795	15	N	70	N	.20	N	--	1.5	15	20	20
1796	10	N	40	N	.10	N	--	1.0	7	10	10
1797	70	N	120	N	.20	N	--	1.5	15	20	20
1798	50	N	65	N	.10	N	--	1.0	7	15	15
1799	15	N	40	N	<.10	N	--	.7	5	5	15
1800	30	N	80	N	.10	N	--	1.0	20	20	20
1801	30	N	100	N	<.10	N	--	2.0	20	30	20
1802	20	N	40	N	<.10	N	--	1.5	10	15	20
1803	15	N	35	N	<.10	N	--	1.5	10	20	30
1804	30	N	100	N	.10	N	--	2.0	20	50	50
1805	20	N	110	N	.20	N	--	2.0	20	70	70
1806	20	N	110	N	.10	N	--	2.0	20	50	50
1807	20	N	75	N	.10	N	--	2.0	15	50	70
1896	<10	N	75	N	.20	N	--	3.0	70	50	30
1897	10	N	45	N	.10	N	--	2.0	15	20	20
1898	20	N	185	N	.30	N	--	3.0	300	200	70
1899	10	N	70	N	.10	N	--	3.0	100	70	30
1900	15	N	40	N	<.10	N	--	2.0	10	20	30
1901	20	N	55	N	.10	N	--	2.0	15	30	30
1902	<10	N	80	N	.10	N	--	2.0	70	70	30
Wiseman C1--continued											
1078	20	200	210	N	1.40	N	<1	3.0	20	70	150
1078A	15	200	220	N	1.80	N	<1	3.0	20	70	100
1079	10	200	220	N	1.30	N	<1	7.0	20	70	150
1080	10	N	90	N	.40	N	<1	1.5	15	30	70
1081	15	N	140	N	1.30	N	<1	3.0	15	50	70
1082	20	N	110	N	<.05	N	<1	10.0	30	50	150
1083	20	N	120	N	.90	N	<1	5.0	20	70	150
1084	15	N	130	N	1.00	N	<1	7.0	30	100	150
1085	20	N	60	N	<.05	N	<1	5.0	30	50	70
1086	15	N	100	N	.50	N	<1	10.0	30	50	100
1107	15	<200	100	N	.30	N	<1	5.0	20	70	150
1108	30	N	90	N	.15	N	<1	5.0	30	30	100
1109	15	<200	110	N	.80	N	<1	3.0	15	50	70
1110	20	N	100	N	.20	N	<1	7.0	30	50	150
1111	15	N	90	N	.20	N	<1	7.0	30	50	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
1236	N	N	300	1.0	100	1.00	70	2.00	2,000	N
1237	N	N	200	1.0	30	20.00	70	1.00	700	N
1578	N	N	500	2.0	100	1.50	50	1.50	2,000	20
1792	N	N	100	1.0	50	.05	20	.10	200	N
1793	N	N	100	1.5	70	5.00	<20	.30	500	N
1794	N	N	100	1.0	50	.30	20	.15	500	N
1795	N	N	150	1.5	70	3.00	50	1.50	700	N
1796	N	N	100	1.0	50	2.00	70	1.00	500	N
1797	N	N	100	1.5	50	2.00	30	.30	500	<20
1798	N	10	100	2.0	50	.10	30	.20	300	N
1799	N	N	70	1.0	50	15.00	N	.50	200	N
1800	N	N	150	3.0	70	3.00	50	.20	500	N
1801	N	N	150	2.0	70	.50	50	.30	500	N
1802	N	N	150	2.0	70	5.00	N	.30	500	N
1803	N	N	70	1.0	50	7.00	N	.70	300	N
1804	N	N	200	2.0	100	2.00	70	.70	700	N
1805	N	N	150	2.0	70	2.00	100	.70	500	N
1806	N	N	200	2.0	70	.70	70	.50	500	N
1807	N	N	150	1.5	50	.70	70	.50	500	N
1896	N	N	100	1.5	70	.15	100	.50	2,000	N
1897	N	N	150	<1.0	30	.70	N	.70	700	N
1898	N	N	100	1.5	50	.15	200	1.00	3,000	N
1899	N	N	100	1.5	70	.20	100	1.00	2,000	N
1900	N	N	70	<1.0	20	2.00	N	.70	500	N
1901	N	N	150	1.0	50	.70	N	1.00	1,000	N
1902	N	N	100	1.5	70	.20	50	1.00	2,000	N
Wiseman C1--continued										
1078	10	N	700	2.0	150	1.50	30	1.00	700	N
1078A	7	N	700	1.5	150	1.50	30	.70	700	N
1079	7	N	1,000	1.5	150	2.00	50	1.50	700	N
1080	N	N	300	1.0	150	.70	30	.70	700	N
1081	10	N	700	1.5	100	5.00	N	1.00	700	N
1082	N	N	200	1.0	100	.50	N	1.50	1,500	N
1083	<5	N	500	1.5	100	7.00	50	1.50	1,000	N
1084	5	N	700	1.0	150	7.00	N	2.00	1,500	N
1085	N	N	200	1.5	150	.15	50	1.50	2,000	N
1086	N	N	200	1.5	100	3.00	20	1.00	1,000	N
1107	N	N	500	2.0	70	1.00	50	1.50	1,000	N
1108	N	N	500	2.0	70	1.50	50	.70	1,000	N
1109	N	N	500	1.5	100	.50	50	.50	700	N
1110	N	N	500	1.5	150	2.00	30	1.50	1,500	N
1111	N	N	300	1.5	200	2.00	30	1.00	2,000	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm (s)	Sr-ppm (s)	Ti-pct. (s)	Th-ppm (s)	V-ppm (s)	W-ppm (s)	W-ppm (em)	Y-ppm (s)	Zr-ppm (s)
1236	30	200	1.000	N	150	N	--	70	200
1237	5	2,000	.500	N	20	N	--	30	100
1578	10	N	.500	N	100	N	--	50	150
1792	7	N	.150	N	70	N	--	15	50
1793	7	1,000	.100	N	50	N	--	15	30
1794	10	<100	.200	N	70	N	--	15	70
1795	7	200	.200	N	50	N	--	20	50
1796	7	100	.200	N	50	N	--	20	50
1797	7	100	.300	N	50	N	--	20	70
1798	7	N	.100	N	50	N	--	30	50
1799	5	1,000	.100	N	30	N	--	10	30
1800	7	150	.200	N	30	N	--	30	70
1801	10	<100	.200	N	70	N	--	30	150
1802	10	500	.200	N	70	N	--	20	70
1803	10	700	.200	N	50	N	--	30	70
1804	20	300	.200	N	100	N	--	30	100
1805	20	150	.200	N	100	N	--	30	100
1806	15	150	.200	N	100	N	--	20	100
1807	15	200	.200	N	100	N	--	20	100
1896	15	N	.300	N	70	N	--	70	70
1897	7	N	.200	N	50	N	--	15	50
1898	15	N	.200	N	100	N	--	200	70
1899	20	N	.500	N	100	N	--	100	100
1900	10	150	.300	N	70	N	--	20	50
1901	10	N	.300	N	100	N	--	20	50
1902	15	<100	.300	N	100	N	--	50	50
				Wiseman C1--continued					
1078	15	150	.500	N	200	N	--	30	150
1078A	15	150	.300	N	150	N	--	30	150
1079	15	150	.300	N	200	N	--	20	150
1080	15	150	.300	N	100	N	--	30	100
1081	10	200	.200	N	150	N	--	30	100
1082	20	100	1.000	N	150	N	--	20	150
1083	15	300	.500	N	200	N	--	30	100
1084	20	200	.500	N	200	N	--	30	100
1085	15	N	.500	N	100	N	--	30	150
1086	20	150	.500	N	200	N	--	30	150
1107	15	150	.500	N	200	N	--	30	200
1108	15	150	.500	N	150	N	--	30	200
1109	10	100	.300	N	150	N	--	30	150
1110	15	150	.700	N	200	N	--	50	200
1111	15	150	.500	N	200	N	--	50	200

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1112	67 41 25	150 25 50	N	<1	N	5	--	N	N	N	70
1113	67 39 51	150 23 13	N	2	N	5	--	N	N	N	30
1114	67 39 44	150 24 56	N	3	N	10	--	N	N	N	50
1115	67 38 27	150 23 34	N	2	N	<5	--	N	N	N	30
1116	67 36 48	150 21 30	N	3	N	<5	--	N	N	<.5	30
1117	67 39 41	150 15 46	N	3	N	<5	--	N	N	<.5	50
1118	67 35 57	150 22 43	N	1	N	<5	--	N	N	N	70
1119	67 35 41	150 23 48	N	2	N	10	--	N	N	N	50
1120	67 34 9	150 22 38	N	1	N	5	--	N	N	N	50
1121	67 34 1	150 24 53	N	3	N	10	--	N	N	N	50
1124	67 31 54	150 24 59	N	1	N	5	--	N	N	N	70
1125	67 31 1	150 20 45	N	2	N	<5	--	N	N	N	30
1126	67 30 14	150 25 32	N	1	N	<5	--	N	N	N	20
1133	67 33 23	150 3 21	N	<1	N	5	--	N	N	N	70
1134	67 32 5	150 2 54	N	2	N	5	--	N	N	N	50
1135	67 36 1	150 6 8	N	<1	N	5	--	N	N	N	70
1136	67 32 34	150 0 6	N	<1	N	5	--	N	N	N	30
1137	67 31 57	150 6 45	N	<1	N	5	--	N	N	N	50
1138	67 33 57	150 11 38	N	<1	N	10	--	N	N	N	70
1139	67 33 30	150 12 28	N	<1	N	5	--	N	N	N	50
1140	67 30 59	150 6 57	N	2	N	10	.04	N	N	N	50
1808	67 31 20	150 18 59	N	<2	N	15	--	N	--	N	20
1809	67 33 18	150 17 14	N	N	N	5	--	N	--	N	20
1810	67 33 18	150 17 57	N	N	N	15	--	N	--	N	30
1811	67 31 24	150 23 37	N	N	N	10	--	N	--	N	20
1812	67 31 12	150 10 41	N	N	N	5	<.02	N	--	N	20
1813	67 32 31	150 17 26	N	N	N	5	--	N	--	N	30
1814	67 30 58	150 5 20	N	4	N	10	--	N	--	N	20
1815	67 31 50	150 7 16	N	N	N	10	--	N	--	N	30
1816	67 32 32	150 3 3	N	N	N	10	--	N	--	N	20
1817	67 35 12	150 4 7	N	N	N	10	--	N	--	N	30
1818	67 34 58	150 4 40	N	N	N	<5	--	N	--	N	20
1819	67 36 58	150 9 15	N	N	N	10	--	N	--	<.5	50
1820	67 38 28	150 7 14	N	N	N	10	--	N	--	<.5	30
1821	67 40 15	150 1 58	N	<2	N	10	--	N	--	N	50
1822	67 43 36	150 10 30	N	3	N	15	--	N	--	<.5	50
1823	67 43 24	150 10 3	N	2	N	10	--	N	--	<.5	50
1824	67 44 25	150 17 25	N	N	N	10	--	N	--	N	30
1825	67 44 39	150 17 30	N	N	N	5	--	N	--	N	30
1826	67 42 1	150 18 33	N	N	N	10	--	N	--	N	20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
1112	30	N	120	N	.20	N	<1	7.0	30	50	150
1113	15	N	110	N	1.60	N	<1	3.0	15	50	100
1114	20	N	140	N	1.40	N	<1	3.0	20	50	100
1115	15	N	110	N	1.50	N	<1	3.0	15	50	150
1116	15	300	130	N	1.50	N	<1	3.0	15	70	100
1117	15	200	180	N	1.60	N	<1	5.0	15	100	150
1118	30	<200	100	N	.30	N	<1	7.0	30	70	150
1119	20	N	100	N	1.00	N	<1	5.0	20	70	150
1120	15	N	100	N	.15	N	<1	7.0	20	50	100
1121	20	<200	130	N	1.00	N	<1	5.0	30	70	100
1124	15	<200	100	N	.15	N	<1	7.0	20	50	150
1125	20	N	60	N	.10	N	<1	5.0	30	50	100
1126	10	N	70	N	.10	N	<1	7.0	20	30	100
1133	30	N	70	N	.25	N	<1	7.0	20	30	100
1134	30	N	100	N	.20	N	<1	7.0	20	50	150
1135	20	N	120	N	.85	N	<1	10.0	30	70	150
1136	10	N	95	N	.70	N	<1	7.0	15	30	70
1137	20	N	70	N	.25	N	<1	10.0	20	30	100
1138	20	<200	95	N	.35	N	<1	10.0	30	30	150
1139	15	<200	90	N	.10	N	<1	15.0	30	50	150
1140	15	<200	70	N	.05	N	<1	7.0	20	50	100
1808	10	N	65	N	.10	N	--	2.0	20	30	50
1809	15	N	65	N	.10	N	--	3.0	20	30	50
1810	15	N	65	N	.10	N	--	3.0	30	30	50
1811	10	N	60	N	.10	N	--	2.0	20	30	50
1812	15	N	45	N	.10	N	--	2.0	20	30	30
1813	20	N	60	N	.10	N	--	2.0	20	30	50
1814	15	N	65	N	.10	N	--	2.0	20	20	30
1815	20	N	65	N	.10	N	--	2.0	20	30	30
1816	10	N	50	N	.10	N	--	2.0	15	20	20
1817	10	N	90	N	.50	N	--	3.0	30	50	50
1818	<10	N	55	N	.10	N	--	2.0	15	20	30
1819	30	300	300	N	2.60	N	--	3.0	50	100	70
1820	20	200	110	N	1.10	N	--	2.0	20	70	50
1821	20	200	160	N	1.30	N	--	2.0	15	70	50
1822	20	200	170	N	1.50	N	--	2.0	15	70	50
1823	20	200	190	N	1.30	N	--	2.0	15	70	70
1824	30	N	85	N	.30	N	--	3.0	20	50	70
1825	15	N	75	N	.10	N	--	2.0	20	50	50
1826	10	200	120	N	.90	N	--	2.0	15	50	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
1112	N	N	500	2.0	200	.50	30	1.50	1,500	N
1113	N	N	300	1.5	150	5.00	100	1.00	500	N
1114	N	N	1,000	2.0	150	7.00	50	1.50	700	N
1115	<5	N	700	1.5	150	10.00	50	1.50	700	N
1116	7	N	700	1.0	150	7.00	30	1.50	700	N
1117	7	N	1,500	1.5	150	3.00	30	1.50	500	N
1118	N	N	500	1.5	150	1.50	30	2.00	1,500	N
1119	N	N	500	1.5	150	5.00	70	1.50	1,000	N
1120	N	N	300	1.5	150	.15	30	1.50	1,000	N
1121	N	N	500	1.0	100	3.00	50	1.50	1,500	N
1124	N	N	300	1.5	150	.70	50	1.50	2,000	N
1125	N	N	300	1.0	150	.50	70	1.50	1,500	N
1126	N	N	200	<1.0	70	.50	20	1.50	1,500	N
1133	N	N	200	N	100	1.50	30	1.50	1,500	N
1134	N	N	500	1.0	150	2.00	50	2.00	1,500	N
1135	N	N	700	1.5	150	2.00	30	2.00	2,000	N
1136	5	N	500	1.0	100	.10	30	1.00	1,500	N
1137	N	N	300	1.5	150	1.00	50	1.50	2,000	N
1138	N	N	500	1.0	150	.30	70	1.50	2,000	N
1139	N	N	200	1.0	150	.20	100	2.00	1,500	N
1140	N	N	150	1.5	100	.30	N	1.50	1,500	N
1808	N	N	150	1.5	100	.15	N	1.00	1,000	N
1809	N	N	150	2.0	100	.07	<20	1.00	1,000	N
1810	N	N	150	1.5	150	.10	50	1.00	1,500	N
1811	N	N	100	1.5	100	.15	70	1.00	1,500	N
1812	N	N	100	1.5	100	.15	20	.70	1,500	N
1813	N	N	150	1.5	100	.20	50	1.00	1,000	N
1814	N	N	70	<1.0	50	.15	N	1.00	1,000	N
1815	N	N	100	1.0	100	.20	N	.70	1,500	N
1816	N	N	70	<1.0	50	1.00	N	.50	1,000	N
1817	N	N	300	1.5	100	1.50	N	1.00	1,000	N
1818	N	N	70	1.0	50	.30	N	.70	1,000	N
1819	N	N	1,000	2.0	100	5.00	N	1.50	1,500	N
1820	<5	N	1,000	2.0	100	7.00	<20	1.50	700	N
1821	N	N	1,000	1.0	100	3.00	N	1.00	500	N
1822	5	N	700	2.0	100	2.00	50	.50	700	N
1823	10	N	1,500	2.0	150	1.00	100	.70	500	N
1824	N	N	200	1.5	100	.50	30	1.00	1,000	N
1825	N	N	150	1.5	100	.70	N	1.00	1,500	N
1826	<5	N	500	1.5	100	.50	30	.30	500	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm	Sr-ppm	Ti-pct.	Th-ppm	V-ppm	W-ppm	W-ppm	Y-ppm	Zr-ppm
	-s	-s	-s	-s	-s	-s	em	-s	-s
1112	15	100	.500	N	150	N	--	50	300
1113	10	200	.200	N	150	N	--	30	150
1114	15	200	.300	N	200	N	--	30	150
1115	15	300	.300	N	200	N	--	30	150
1116	15	200	.300	N	200	N	--	20	150
1117	15	150	.300	N	200	N	--	30	200
1118	30	100	.700	N	150	N	--	50	300
1119	15	300	.300	N	150	N	--	30	150
1120	20	<100	.500	N	150	N	--	50	200
1121	15	150	.300	N	150	N	--	30	100
1124	30	<100	.700	N	300	N	--	50	300
1125	20	N	.500	N	150	N	--	50	300
1126	15	N	.700	N	150	N	--	30	150
1133	15	100	.700	N	150	N	--	30	150
1134	30	150	.700	N	300	N	--	30	150
1135	20	100	.500	N	200	N	--	30	150
1136	15	N	.500	N	150	N	--	20	150
1137	20	150	.700	N	150	N	--	30	200
1138	30	100	.700	N	300	N	--	50	200
1139	30	100	.700	N	200	N	--	50	200
1140	20	100	.700	N	200	N	--	30	200
1808	15	<100	.200	N	100	N	--	20	70
1809	15	<100	.200	N	100	N	--	20	100
1810	20	<100	.200	N	100	N	--	20	70
1811	15	<100	.200	N	100	N	--	30	100
1812	15	N	.200	N	100	N	--	50	70
1813	20	100	.200	N	100	N	--	30	70
1814	10	N	.200	N	100	N	--	15	50
1815	15	<100	.200	N	100	N	--	20	70
1816	10	100	.200	N	100	N	--	20	50
1817	15	100	.200	N	100	N	--	20	70
1818	15	<100	.200	N	100	N	--	20	50
1819	15	200	.200	N	150	N	--	30	50
1820	15	300	.150	N	150	N	--	20	50
1821	10	200	.200	N	200	N	--	20	50
1822	10	200	.200	N	200	N	--	20	50
1823	15	100	.200	N	200	N	--	30	50
1824	15	N	.200	N	150	N	--	30	70
1825	15	150	.200	N	100	N	--	20	100
1826	10	100	.200	N	150	N	--	20	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1827	67 38 26	150 16 7	N	N	N	10	--	N	--	N	30
1828	67 38 40	150 16 34	N	3	N	5	--	N	--	N	70
1829	67 35 57	150 20 2	N	N	N	10	--	N	--	N	50
				Wiseman C2--continued							
936	67 44 58	150 49 26	N	5	N	5	.06	N	N	N	30
987	67 43 32	150 57 58	N	3	N	10	--	N	N	N	30
990	67 41 57	150 55 46	N	2	N	10	--	N	N	N	30
991	67 42 11	150 55 57	N	3	N	5	--	N	N	N	20
992	67 41 18	150 58 8	N	2	N	5	--	N	N	N	30
995	67 39 52	150 58 26	N	2	N	10	--	N	N	N	30
997	67 36 32	150 58 33	N	<1	N	10	--	N	N	N	50
998	67 37 1	150 55 2	N	2	N	5	--	N	N	N	70
999	67 35 58	150 50 19	N	1	N	10	--	N	N	N	30
1000	67 36 15	150 49 57	N	1	N	10	--	N	N	N	50
1001	67 38 59	150 50 12	N	<1	N	10	--	N	N	N	50
1002	67 39 35	150 49 12	N	<1	N	5	--	N	N	N	30
1003	67 41 10	150 49 24	N	<1	N	5	--	N	N	N	30
1004	67 39 50	150 43 58	N	1	N	5	--	N	N	N	30
1005	67 40 20	150 41 53	N	<1	N	5	--	N	N	N	50
1006	67 37 36	150 42 0	N	2	N	10	--	N	N	N	30
1023	67 38 36	150 38 0	N	1	N	10	--	N	N	N	50
1024	67 39 7	150 38 5	N	2	N	10	--	N	N	N	70
1025	67 41 2	150 38 32	N	<1	N	15	--	N	N	N	20
1026	67 42 53	150 40 4	N	<1	N	10	--	N	N	N	50
1027	67 41 48	150 41 44	N	1	N	10	--	N	N	N	70
1028	67 42 19	150 37 23	N	<1	N	5	--	N	N	N	50
1029	67 43 44	150 39 2	N	2	N	10	--	N	N	N	50
1030	67 43 26	150 39 25	N	2	N	10	--	N	N	N	50
1090	67 32 19	150 58 45	N	<1	N	<5	--	N	N	N	30
1091	67 31 11	150 57 22	N	<1	N	<5	--	N	N	N	30
1092	67 32 44	150 51 9	N	<1	N	<5	--	N	N	N	30
1093	67 30 19	150 54 48	N	<1	N	5	--	N	N	N	50
1094	67 33 58	150 46 11	N	<1	N	5	--	N	N	N	50
1095	67 30 33	150 45 36	N	<1	N	5	--	N	N	N	70
1096	67 30 39	150 46 29	N	<1	N	5	--	N	N	N	50
1097	67 31 28	150 41 2	N	<1	N	10	--	N	N	N	30
1098	67 30 56	150 36 2	N	<1	N	<5	--	N	N	N	30
1122	67 35 40	150 33 29	N	3	N	5	--	N	N	N	30
1123	67 35 9	150 33 52	N	2	N	5	--	N	N	N	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
1827	30	N	100	N	1.00	N	--	1.5	15	30	50
1828	10	200	180	N	1.30	N	--	1.5	10	50	50
1829	10	N	90	N	.20	N	--	3.0	20	50	50
Wiseman C2--continued											
936	20	200	160	N	.70	N	<1	7.0	15	70	100
987	15	N	140	N	.60	N	--	3.0	20	70	100
990	15	N	100	N	.30	N	<1	5.0	20	50	100
991	20	N	100	N	.20	N	<1	5.0	20	30	70
992	15	N	90	N	.20	N	<1	5.0	15	50	100
995	20	200	130	N	.15	N	<1	7.0	30	70	150
997	15	N	80	N	.15	N	<1	7.0	30	70	150
998	30	N	100	N	.15	N	<1	7.0	30	70	150
999	20	N	110	N	.15	N	<1	5.0	30	50	100
1000	20	N	100	N	.20	N	<1	5.0	30	70	100
1001	20	N	110	N	.15	N	<1	7.0	30	70	150
1002	20	N	110	N	.25	N	<1	3.0	30	70	100
1003	20	N	100	N	.20	N	<1	5.0	30	70	150
1004	15	N	85	N	.25	N	<1	5.0	30	70	150
1005	30	N	100	N	.25	N	<1	7.0	30	70	150
1006	15	N	100	N	1.00	N	<1	5.0	30	100	150
1023	20	N	100	N	.35	N	<1	5.0	30	50	100
1024	15	<200	95	N	.50	N	<1	5.0	30	50	150
1025	10	N	85	N	.15	N	<1	7.0	20	30	100
1026	20	200	120	N	.20	N	<1	7.0	30	70	150
1027	20	<200	85	N	.15	N	<1	7.0	30	70	150
1028	10	N	80	N	.55	15	<1	3.0	15	30	70
1029	15	N	75	N	.20	N	<1	7.0	20	50	100
1030	20	N	90	N	.30	N	<1	7.0	30	50	150
1090	20	N	100	N	.15	N	<1	5.0	20	30	100
1091	15	N	60	N	.05	N	<1	3.0	20	30	100
1092	15	N	120	N	.05	N	<1	3.0	20	30	70
1093	15	N	95	N	.10	N	<1	7.0	30	50	100
1094	20	<200	140	N	.40	N	<1	7.0	20	50	100
1095	10	N	70	N	.05	N	<1	7.0	20	50	100
1096	20	N	90	N	.30	N	<1	7.0	30	50	150
1097	10	N	70	N	.05	N	<1	7.0	20	50	70
1098	10	N	70	N	.05	N	<1	5.0	20	30	70
1122	20	<200	120	N	1.40	N	<1	3.0	20	70	100
1123	20	N	120	N	.40	N	<1	5.0	30	70	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
1827	N	N	700	1.0	100	5.00	50	1.50	700	N
1828	5	N	1,500	1.5	100	1.50	N	.70	500	N
1829	N	N	300	1.5	100	.50	N	1.00	1,500	N
					Wiseman C2--continued					
936	7	N	500	1.5	70	.15	100	1.00	700	N
987	<5	N	700	1.0	50	1.00	70	1.50	1,500	N
990	N	N	300	1.0	50	.15	100	1.00	1,500	N
991	N	15	500	3.0	70	.15	300	.50	700	N
992	<5	N	700	2.0	70	.20	50	.70	1,000	N
995	N	N	500	2.0	150	1.00	300	1.50	1,500	N
997	N	N	300	1.5	100	.30	50	1.00	2,000	N
998	7	N	300	1.5	100	1.00	50	1.50	2,000	N
999	N	N	300	2.0	150	.20	150	1.00	1,000	N
1000	N	N	500	1.5	100	1.50	50	1.50	1,500	N
1001	N	N	500	1.0	150	1.00	50	1.50	2,000	N
1002	N	N	300	2.0	150	.20	70	.70	700	N
1003	N	N	300	2.0	70	.20	70	1.00	700	N
1004	N	N	300	1.0	70	1.00	70	2.00	2,000	N
1005	N	N	500	1.5	100	1.50	100	1.50	2,000	N
1006	7	N	700	1.5	100	5.00	N	1.50	1,000	N
1023	N	N	500	2.0	150	1.50	50	1.50	2,000	N
1024	N	N	700	1.0	100	1.00	50	1.50	1,500	N
1025	N	N	300	1.0	70	.30	50	1.50	1,000	N
1026	N	N	700	2.0	100	.10	70	.70	700	N
1027	5	N	1,000	1.5	70	.15	100	1.00	700	N
1028	N	N	300	1.0	100	.15	20	.70	1,500	N
1029	N	N	700	1.0	50	2.00	70	1.50	700	N
1030	5	N	700	1.0	70	.20	50	1.50	1,500	N
1090	N	N	200	1.5	150	.30	50	1.00	1,500	N
1091	N	N	150	1.5	100	1.00	70	1.00	1,000	N
1092	N	N	200	1.5	100	.15	50	.70	1,000	N
1093	N	N	300	1.5	100	.20	50	1.50	2,000	N
1094	N	N	700	2.0	150	1.00	30	.70	1,500	N
1095	N	N	500	2.0	100	.20	20	1.00	2,000	N
1096	N	N	500	1.5	150	.70	70	1.50	2,000	N
1097	N	N	500	1.5	100	.20	30	1.00	1,500	N
1098	N	N	300	1.5	100	.15	N	1.00	1,500	N
1122	5	N	1,000	1.0	100	7.00	30	1.50	1,000	N
1123	N	N	500	2.0	150	1.00	30	1.50	2,000	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm	Sr-ppm	Ti-pct.	Th-ppm	V-ppm	W-ppm	W-ppm	Y-ppm	Zr-ppm
	s	s	s	s	s	s	em	s	s
1827	10	300	.100	N	100	N	--	20	30
1828	10	100	.200	N	150	N	--	20	50
1829	15	N	.300	N	100	N	--	20	70
				Wiseman C2--continued					
936	15	100	.700	N	150	N	1.5	70	300
987	15	100	.300	N	200	N	2.0	30	200
990	15	100	.300	N	200	N	2.0	30	200
991	15	100	.300	N	150	N	2.0	50	300
992	15	100	.500	N	200	N	1.5	30	300
995	20	200	.700	N	300	N	2.0	50	300
997	20	<100	1.000	N	150	N	1.0	30	300
998	15	100	>1.000	N	200	N	1.5	30	200
999	15	100	1.000	N	150	N	1.5	50	300
1000	15	100	.700	N	150	N	1.0	30	200
1001	20	<100	>1.000	N	150	N	1.0	50	300
1002	20	100	.500	N	150	N	2.0	30	300
1003	20	150	.700	N	200	N	1.5	50	300
1004	20	150	.500	N	300	N	2.0	30	150
1005	20	200	.700	N	300	N	1.0	50	150
1006	20	300	1.000	N	300	N	1.0	20	150
1023	15	150	.700	N	200	N	2.0	30	200
1024	15	150	.500	N	300	N	2.5	30	200
1025	15	100	.300	N	150	N	3.0	30	200
1026	20	150	.500	N	300	N	2.5	50	200
1027	20	150	.700	N	300	N	3.0	50	300
1028	15	N	.300	N	150	N	3.0	20	150
1029	15	200	.700	N	300	N	2.5	30	200
1030	20	150	.700	N	200	N	2.0	30	300
1090	15	N	.500	N	150	N	--	50	150
1091	15	N	.500	N	150	N	--	30	150
1092	15	N	.300	N	150	N	--	30	150
1093	15	N	.700	N	150	N	--	50	200
1094	15	150	.500	N	150	N	--	30	150
1095	15	N	.700	N	150	N	--	70	200
1096	15	100	.700	N	200	N	--	30	300
1097	15	<100	.500	N	150	N	--	30	200
1098	15	100	.500	N	150	N	--	30	150
1122	15	300	.300	N	200	N	--	20	70
1123	20	100	.500	N	200	N	--	20	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1131	67 31 44	150 32 46	N	<1	N	<5	--	N	N	N	150
1984	67 31 51	150 51 50	N	N	N	10	--	N	--	N	30
1985	67 31 49	150 52 55	N	N	N	5	--	N	--	N	20
1986	67 34 27	150 45 45	N	N	N	10	--	N	--	N	20
1987	67 32 24	150 38 37	N	N	N	10	--	N	--	N	30
1988	67 32 36	150 39 25	N	N	N	10	--	N	--	N	20
1989	67 34 27	150 37 26	N	2	N	10	--	N	--	N	30
1990	67 36 17	150 35 32	N	3	N	10	--	N	--	N	20
1991	67 35 59	150 35 43	N	2	N	15	--	N	--	N	20
1992	67 30 36	150 31 56	N	N	N	10	--	N	--	N	15
1993	67 30 30	150 32 34	N	N	N	10	--	N	--	N	70
				Wiseman C3--continued							
148	67 31 34	151 16 44	N	N	N	10	--	N	N	N	30
149	67 31 26	151 15 51	N	N	N	10	--	N	N	N	20
150	67 32 38	151 16 59	N	N	N	10	--	N	--	N	20
151	67 32 54	151 17 10	N	N	N	5	--	N	N	N	30
152	67 32 40	151 19 40	N	N	N	N	--	N	N	N	20
153	67 32 28	151 19 51	N	N	N	5	--	N	N	N	20
159	67 31 4	151 23 5	N	N	N	25	--	N	N	N	20
181	67 37 26	151 29 28	N	1	N	5	--	N	N	N	50
182	67 37 16	151 29 55	N	3	N	10	--	N	N	N	50
183	67 36 22	151 27 25	N	2	N	5	--	N	N	N	30
846	67 42 5	151 23 19	N	4	N	10	--	N	N	.5	50
847	67 40 42	151 23 9	N	4	N	15	--	N	N	.5	70
848	67 41 30	151 14 41	N	8	N	75	.24	N	N	1.0	150
849	67 41 37	151 15 2	N	4	N	10	.04	N	N	.5	70
850	67 43 6	151 23 18	N	8	N	15	--	N	N	.5	50
851	67 43 54	151 26 43	N	<1	N	25	--	N	N	N	30
852	67 43 16	151 19 41	N	10	N	15	.04	N	N	N	30
853	67 41 22	151 26 1	N	1	N	5	--	N	N	.5	50
854	67 40 0	151 28 6	N	<1	N	N	--	N	N	<.5	30
855	67 39 12	151 22 11	N	2	N	10	--	N	N	N	20
856	67 37 47	151 17 42	N	2	N	10	--	N	N	N	30
857	67 39 25	151 12 7	N	<1	N	5	.04	N	N	<.5	100
858	67 39 39	151 12 23	N	3	N	10	.12	N	N	N	30
858A	67 39 39	151 12 23	N	4	N	10	.08	N	N	.5	50
859	67 37 52	151 19 35	N	2	N	10	--	N	N	N	30
861	67 33 18	151 29 14	N	<1	N	5	--	N	N	N	30
862	67 36 24	151 26 42	N	<1	N	5	--	N	N	N	30
863	67 36 1	151 9 13	N	<1	N	5	--	N	N	N	30
864	67 36 25	151 12 59	N	<1	N	5	--	N	N	N	20
865	67 37 20	151 16 6	N	<1	N	<5	--	N	N	N	20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
1131	<10	N	70	N	.05	N	<1	5.0	20	50	100
1984	10	N	75	N	<.10	N	--	5.0	20	30	70
1985	10	N	70	N	.10	N	--	3.0	20	30	50
1986	<10	N	70	N	.30	N	--	2.0	20	20	30
1987	<10	<200	110	N	.10	N	--	3.0	20	30	50
1988	10	200	90	N	.10	N	--	1.5	15	20	20
1989	20	N	55	N	.90	N	--	3.0	30	50	70
1990	15	N	70	N	1.30	N	--	2.0	15	30	50
1991	10	N	50	N	1.00	N	--	1.5	10	30	50
1992	<10	N	50	N	<.10	N	--	2.0	15	20	30
1993	10	N	60	N	N	N	--	3.0	20	20	30
					Wiseman C3--continued						
148	30	N	100	N	.50	N	N	3.0	50	70	150
149	20	N	100	N	.40	N	N	3.0	30	30	100
150	20	<200	100	N	.10	N	N	3.0	30	30	150
151	30	N	110	N	.45	N	N	3.0	30	50	150
152	20	N	95	N	.40	N	N	3.0	30	50	150
153	20	N	100	N	.25	N	N	3.0	30	50	150
159	15	N	70	N	.90	N	N	3.0	30	50	200
181	20	N	95	N	.85	N	N	5.0	100	70	200
182	10	200	220	N	2.00	N	N	3.0	50	50	150
183	10	<200	130	N	1.00	N	N	3.0	50	50	150
846	15	700	500	N	2.80	N	<1	2.0	15	50	70
847	20	500	400	N	5.00	N	<1	3.0	20	50	70
848	30	700	600	N	12.00	N	<1	3.0	30	70	150
849	20	700	360	N	3.20	N	<1	3.0	30	50	70
850	15	700	550	N	4.20	N	<1	3.0	20	50	70
851	20	N	140	N	.45	N	<1	3.0	20	50	150
852	15	N	600	N	2.80	N	<1	5.0	30	70	150
853	15	1,000	130	N	.90	N	<1	3.0	15	50	50
854	10	N	90	N	.30	N	<1	3.0	10	30	70
855	10	N	160	N	.90	N	<1	5.0	7	30	100
856	10	N	150	N	1.50	N	<1	3.0	10	50	200
857	20	N	90	N	.40	N	<1	7.0	20	70	150
858	10	N	170	N	2.10	N	<1	7.0	15	30	100
858A	15	<200	180	N	1.60	N	<1	5.0	15	70	100
859	10	200	200	N	1.80	N	<1	2.0	15	50	70
861	15	N	110	N	.20	N	<1	5.0	30	70	150
862	10	<200	170	N	.80	N	<1	7.0	20	30	100
863	10	N	110	N	.40	N	<1	5.0	20	50	100
864	10	N	100	N	.35	N	<1	5.0	20	30	100
865	10	N	80	N	.25	N	<1	3.0	10	30	70

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
1131	N	N	1,000	1.0	100	1.00	30	1.50	1,500	N
1984	N	N	200	1.5	100	.10	N	1.00	1,500	N
1985	N	N	150	1.0	70	.15	20	.70	1,500	N
1986	N	N	700	1.5	100	.20	N	.50	1,500	N
1987	N	N	200	2.0	150	.15	<20	1.00	2,000	N
1988	N	N	100	1.0	50	.10	N	.50	1,000	N
1989	N	N	300	1.5	100	2.00	20	1.00	1,500	N
1990	N	N	500	1.0	70	5.00	N	1.00	500	N
1991	N	N	700	<1.0	50	3.00	50	.70	500	N
1992	N	N	100	1.0	70	.15	N	1.00	1,000	N
1993	N	N	300	1.5	150	.20	20	1.00	1,500	N
Wiseman C3--continued										
148	N	N	500	1.5	70	.15	100	1.00	300	<20
149	N	N	500	1.5	70	.15	100	.70	300	<20
150	N	N	500	1.0	70	.10	100	1.00	300	<20
151	N	N	500	1.5	70	.10	150	1.00	300	<20
152	N	N	300	1.5	50	.15	100	.50	300	<20
153	N	N	300	1.0	50	.10	100	.70	300	<20
159	N	N	300	1.0	50	.70	70	1.00	500	<20
181	N	N	700	1.0	50	1.00	50	1.50	500	<20
182	N	N	500	1.0	30	1.50	50	1.00	300	<20
183	N	N	1,000	1.0	50	1.00	50	1.00	300	<20
846	5	N	1,000	2.0	100	.20	N	1.50	1,000	N
847	<5	N	1,500	1.5	100	.50	N	1.00	1,000	N
848	10	N	1,000	3.0	100	.70	50	1.50	700	N
849	10	N	1,500	2.0	150	.10	30	1.50	1,500	N
850	7	N	1,500	1.5	100	.50	N	1.50	1,000	N
851	N	N	700	1.5	100	.50	N	1.50	700	N
852	N	N	1,000	1.5	70	.70	20	2.00	1,000	N
853	10	N	1,000	2.0	100	.20	N	1.50	1,000	N
854	N	N	700	2.0	100	.70	30	1.50	700	N
855	N	N	700	1.5	100	.70	30	1.50	700	N
856	7	N	1,500	1.5	100	.70	N	1.50	700	N
857	5	N	700	1.5	150	1.00	20	1.50	1,000	N
858	N	N	700	1.5	70	1.50	50	1.00	700	N
858A	7	N	1,000	1.5	100	1.00	70	2.00	1,500	N
859	10	N	1,500	1.5	70	.50	N	1.00	1,000	N
861	N	N	700	2.0	150	.70	N	2.00	1,500	N
862	<5	N	2,000	2.0	100	.30	N	2.00	700	N
863	N	N	700	1.5	150	1.00	N	1.50	1,000	N
864	N	N	700	1.5	70	.50	20	1.00	1,000	N
865	N	N	300	1.0	70	.50	N	1.50	700	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm -s	Sr-ppm -s	Ti-pct. -s	Th-ppm -s	V-ppm -s	W-ppm -s	W-ppm em	Y-ppm -s	Zr-ppm -s
1131	20	100	.300	N	200	N	--	30	150
1984	20	N	.300	N	100	N	--	50	100
1985	20	N	.300	N	100	N	--	30	70
1986	15	100	.200	N	100	N	--	30	70
1987	15	<100	.200	N	100	N	--	20	70
1988	10	N	.150	N	70	N	--	15	30
1989	15	150	.200	N	100	N	--	50	70
1990	10	200	.100	N	100	N	--	15	50
1991	10	150	.100	N	100	N	--	15	30
1992	10	N	.200	N	70	N	--	15	50
1993	15	<100	.300	N	100	N	--	70	70
				Wiseman C3--continued					
148	20	100	.500	--	150	N	--	50	200
149	15	100	.500	--	150	N	1.0	30	150
150	20	100	.500	--	150	N	--	30	200
151	20	100	.500	--	150	N	1.0	50	150
152	15	100	.500	--	150	N	--	30	100
153	15	100	.500	--	150	N	<1.0	30	100
159	20	100	.500	--	200	N	--	30	150
181	30	200	.500	--	500	N	<1.0	30	100
182	30	200	.500	--	300	N	<1.0	20	70
183	20	200	.500	--	300	N	<1.0	30	150
846	15	100	.500	N	200	N	--	20	100
847	15	N	.500	N	150	N	--	20	150
848	20	N	.700	N	200	N	--	30	200
849	15	N	.700	N	200	N	--	30	150
850	10	N	.700	N	200	N	--	20	150
851	15	N	.300	N	200	N	--	20	150
852	20	N	.500	N	150	N	--	30	150
853	15	<100	.300	N	150	N	--	30	100
854	20	N	.700	N	150	N	--	30	200
855	20	<100	.700	N	150	N	--	30	300
856	15	<100	.500	N	150	N	--	30	150
857	20	N	.500	N	200	N	--	30	100
858	30	100	.700	N	200	N	--	30	150
858A	15	300	.500	N	200	N	--	50	150
859	10	100	.300	N	150	N	--	15	100
861	20	100	.700	N	200	N	--	20	150
862	20	100	.500	N	200	N	--	70	150
863	15	N	.700	N	150	N	--	20	150
864	15	100	.700	N	150	N	--	20	150
865	15	100	.500	N	150	N	--	30	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
866	67 33 45	151 12 46	N	<1	N	<5	--	N	N	N	30
867	67 38 49	151 7 11	N	3	N	5	--	N	N	N	30
868	67 39 32	151 5 1	N	<1	N	<5	.02	N	N	N	20
869	67 38 0	151 8 38	N	2	N	15	--	N	N	N	50
870	67 36 30	151 7 36	N	<1	N	5	--	N	N	N	15
871	67 41 41	151 7 29	N	10	N	15	.08	N	N	.5	500
871A	67 41 41	151 7 29	N	3	N	10	.08	N	N	<.5	30
872	67 41 29	151 7 34	N	10	N	15	.02	N	N	.5	200
873	67 41 48	151 2 58	N	6	N	15	.04	N	N	<.5	50
901	67 44 42	151 20 8	N	7	N	20	.12	N	N	<.5	70
974	67 44 57	151 10 23	N	6	N	10	<.02	N	N	N	70
979	67 44 22	151 13 11	N	4	N	10	.04	N	N	<.5	50
980	67 44 10	151 13 0	N	7	N	15	.06	N	N	1.0	200
981	67 44 27	151 6 20	N	6	N	15	.08	N	N	.7	70
982	67 44 25	151 7 8	N	7	N	15	.02	N	N	.7	70
983	67 43 38	151 5 5	N	6	N	10	.04	N	N	.5	70
984	67 43 23	151 5 33	N	10	N	10	.06	N	N	.7	100
985	67 42 19	151 2 47	N	5	N	15	.04	N	N	N	70
986	67 42 47	151 1 3	N	6	N	15	.08	N	N	N	100
993	67 40 59	151 2 0	N	2	N	15	--	N	N	N	50
994	67 39 49	151 1 51	N	<1	N	5	--	N	N	N	20
996	67 38 46	151 1 42	N	<1	N	10	--	N	N	N	70
1087	67 33 1	151 2 13	N	<1	N	<5	--	N	N	N	30
1088	67 35 24	151 6 1	N	<1	N	5	--	N	N	N	30
1089	67 33 36	151 0 52	N	<1	N	5	--	N	N	N	30
1089A	67 33 36	151 0 52	N	<1	N	5	--	N	N	N	30
1160	67 30 9	151 0 31	N	<1	N	5	--	N	N	N	30
1238	67 31 8	151 2 0	N	<1	N	<5	--	N	N	N	70
1717	67 31 7	151 21 7	N	N	N	5	--	N	--	N	50
1718	67 32 14	151 23 44	N	N	N	<5	--	N	--	N	50
1719	67 32 29	151 24 11	N	N	N	5	--	N	--	N	30
1740	67 39 36	151 23 6	N	N	N	<5	--	N	--	N	30
1741	67 41 40	151 25 24	N	6	N	15	--	N	--	N	70
1742	67 42 27	151 26 19	N	3	N	15	--	N	--	N	70
1919	67 36 36	151 28 3	N	<2	N	5	--	N	--	N	50
2245	67 40 23	151 10 11	N	2	N	15	.06	N	--	<.5	50
2247	67 40 33	151 10 22	N	2	N	5	.06	N	--	N	30
2248	67 40 33	151 12 4	N	10	N	20	.06	N	--	<.5	30
2251	67 41 59	151 8 13	N	18	N	45	.12	N	--	1.5	200

Wiseman C4--continued

171	67 31 22	151 43 21	N	N	N	10	--	N	N	N	20
172	67 31 11	151 43 37	N	N	N	<5	--	N	N	N	20
173	67 30 49	151 41 50	N	N	N	5	--	N	N	N	15
174	67 32 48	151 37 11	N	N	N	5	--	N	N	N	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
866	15	N	110	N	.45	N	<1	3.0	20	30	70
867	10	200	150	N	1.20	N	<1	3.0	10	50	50
868	10	N	90	N	.10	N	<1	5.0	10	30	70
869	20	N	100	N	.75	N	<1	2.0	10	30	70
870	10	N	100	N	.30	N	<1	2.0	15	50	70
871	15	2,000	2,400	N	20.00	N	<1	5.0	70	150	70
871A	20	N	140	N	1.70	N	<1	3.0	10	50	100
872	20	1,500	1,900	N	16.00	N	<1	3.0	50	100	70
873	15	700	900	N	3.00	N	<1	3.0	15	70	70
901	15	700	400	N	2.90	N	<1	5.0	20	70	70
974	20	1,000	590	N	4.20	N	<1	3.0	20	70	70
979	15	700	420	N	2.80	N	<1	5.0	30	70	100
980	10	1,000	520	N	4.20	N	<1	5.0	30	100	100
981	20	700	450	N	3.40	N	<1	5.0	30	70	100
982	15	2,000	820	20	8.80	N	<1	3.0	50	100	100
983	20	3,000	1,000	20	13.00	N	<1	5.0	50	100	100
984	30	700	510	N	5.70	N	<1	5.0	70	100	100
985	20	700	450	N	2.90	N	<1	3.0	20	70	100
986	15	1,000	480	N	2.50	N	--	7.0	20	70	100
993	20	<200	65	N	.75	N	<1	7.0	20	70	100
994	10	N	110	N	.20	N	<1	5.0	15	20	100
996	15	<200	110	N	.25	N	<1	7.0	30	100	150
1087	15	N	60	N	.10	N	<1	7.0	20	30	100
1088	20	<200	130	N	.30	N	<1	5.0	20	50	100
1089	15	<200	120	N	.10	N	<1	7.0	20	50	100
1089A	20	<200	130	N	.15	N	<1	7.0	20	50	150
1160	15	N	65	N	.45	N	<1	2.0	20	20	150
1238	20	200	95	N	.25	N	<1	7.0	50	30	100
1717	15	200	45	N	.30	N	--	10.0	30	50	150
1718	15	N	75	N	.20	N	--	7.0	30	50	150
1719	10	200	70	N	.30	N	--	5.0	20	N	100
1740	10	200	75	N	.30	N	--	3.0	10	30	70
1741	<10	300	200	N	1.60	N	--	3.0	20	50	100
1742	20	300	350	N	1.40	N	--	3.0	20	50	70
1919	10	200	150	N	1.10	N	--	3.0	20	50	70
2245	20	200	90	N	.60	N	--	3.0	20	50	30
2247	20	N	80	N	1.20	N	--	2.0	15	30	30
2248	15	300	240	<20	2.50	N	--	2.0	15	50	30
2251	30	500	490	<20	1.70	N	--	5.0	20	50	50

Wiseman C4--continued

171	10	N	70	N	.30	N	N	3.0	50	50	100
172	20	N	65	N	.20	N	N	5.0	50	70	200
173	10	N	45	N	.15	N	N	3.0	50	50	100
174	10	N	65	N	.30	N	N	3.0	50	50	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
866	N	N	700	1.5	150	1.50	20	1.50	1,000	N
867	5	N	1,500	1.5	100	.30	N	.70	500	N
868	N	N	500	1.0	50	1.00	200	1.50	700	N
869	N	N	700	2.0	100	.70	20	.70	500	N
870	N	N	500	1.5	100	.30	30	1.00	1,000	N
871	10	N	700	1.5	150	.15	N	1.00	3,000	N
871A	15	N	700	1.5	100	5.00	20	2.00	700	N
872	7	N	700	2.0	100	.15	20	1.00	3,000	N
873	5	N	700	1.5	70	1.00	30	1.00	700	N
901	20	N	1,000	1.5	70	1.00	20	1.00	700	N
974	10	N	700	1.0	30	.07	30	1.50	1,500	N
979	5	N	700	1.5	70	.10	30	1.50	1,000	N
980	10	N	1,000	1.5	70	.05	30	1.50	1,500	N
981	10	N	700	2.0	70	.10	50	1.50	1,500	N
982	15	N	500	1.5	70	.07	50	1.00	1,500	N
983	7	N	500	1.5	70	.07	N	1.00	1,500	N
984	10	N	700	1.5	70	.05	N	1.00	2,000	N
985	7	N	500	1.0	100	2.00	N	1.50	1,000	N
986	7	N	500	1.5	50	.10	50	1.00	1,000	N
993	15	N	1,000	1.5	70	10.00	200	1.50	1,000	N
994	N	N	300	1.5	50	1.50	50	1.50	1,000	N
996	5	N	300	2.0	100	.15	100	.50	2,000	N
1087	N	N	100	<1.0	100	10.00	N	2.00	1,500	N
1088	N	N	300	1.5	50	.20	N	1.00	1,000	N
1089	N	N	200	1.5	150	.50	N	1.50	1,500	N
1089A	N	N	300	1.5	150	.70	N	1.50	2,000	N
1160	N	N	200	1.0	70	.20	20	.70	1,000	N
1238	N	N	700	1.0	50	5.00	50	5.00	2,000	N
1717	N	N	700	3.0	150	.15	20	1.50	1,500	N
1718	N	N	500	2.0	100	.15	50	1.00	1,000	N
1719	N	N	500	2.0	100	.70	N	1.00	1,500	N
1740	N	N	300	1.5	50	.15	N	1.00	1,000	N
1741	10	N	1,000	1.5	70	.20	30	1.50	700	N
1742	5	N	1,000	1.5	70	.15	20	1.50	1,000	N
1919	N	N	700	2.0	70	.20	N	1.50	700	N
2245	10	N	700	2.0	100	.50	<20	1.50	1,000	N
2247	5	N	300	<1.0	70	.20	20	1.00	700	N
2248	7	N	700	2.0	100	.15	N	.70	700	N
2251	15	N	1,000	2.0	100	.10	100	1.00	1,500	N
Wiseman C4--continued										
171	N	N	300	1.0	50	.30	70	.70	500	<20
172	N	N	300	1.0	50	.30	70	1.00	500	<20
173	N	N	300	1.0	70	.30	50	.70	500	<20
174	N	N	300	1.0	50	2.00	50	1.00	300	<20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm em	Y-ppm s	Zr-ppm s
866	15	N	.700	N	200	N	--	20	150
867	15	100	.500	N	150	N	--	20	150
868	20	300	.700	N	200	N	--	20	150
869	15	150	.300	N	100	N	--	30	200
870	15	N	.300	N	150	N	--	20	200
871	15	N	.500	N	200	N	--	50	150
871A	15	500	.300	N	200	N	--	20	100
872	15	N	.200	N	200	N	--	50	150
873	15	200	.200	N	150	N	--	20	150
901	15	<100	.500	N	300	N	1.0	50	200
974	15	N	.500	N	150	N	1.0	20	100
979	10	N	.300	N	100	N	1.0	50	150
980	15	N	.700	N	100	N	1.0	30	150
981	15	N	.500	N	200	N	1.0	30	200
982	15	N	.300	N	200	N	1.5	70	200
983	15	N	.200	N	200	N	1.5	30	200
984	15	N	.300	N	300	N	1.0	30	150
985	15	200	.300	N	200	N	1.0	50	150
986	15	N	.200	N	200	N	2.0	50	150
993	20	700	.500	N	300	N	1.0	30	150
994	20	300	.500	N	200	N	1.0	30	150
996	20	150	1.000	N	300	N	1.5	30	300
1087	20	300	.500	N	200	N	--	30	70
1088	20	100	.300	N	150	N	--	30	150
1089	20	<100	.500	N	200	N	--	50	150
1089A	20	N	.700	N	150	N	--	30	150
1160	15	N	.500	N	100	N	--	30	300
1238	30	300	1.000	N	200	N	--	70	200
1717	20	100	.500	N	300	N	--	20	150
1718	15	N	.500	N	200	N	--	20	150
1719	20	100	.500	N	200	N	--	15	200
1740	15	N	.300	N	100	N	--	20	70
1741	15	N	.300	N	300	N	--	20	70
1742	15	N	.300	N	200	N	--	50	200
1919	15	<100	.200	N	150	N	--	20	70
2245	20	150	.200	N	200	N	.5	30	50
2247	15	100	.200	N	150	N	.5	30	50
2248	10	<100	.200	N	200	N	1.0	20	50
2251	15	<100	.200	N	300	N	1.5	30	50

Wiseman C4--continued

171	20	150	.500	--	150	N	<1.0	30	150
172	20	150	.500	--	150	N	<1.0	30	150
173	15	100	.500	--	150	N	<1.0	30	150
174	20	200	.500	--	150	N	<1.0	20	70

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
176	67 32 35	151 37 11	N	N	N	5	--	N	N	N	20
177	67 33 21	151 39 15	N	1	N	15	--	N	N	N	50
178	67 33 29	151 40 3	N	N	N	5	--	N	N	N	20
179	67 30 18	151 37 54	N	N	N	<5	--	N	--	N	20
185	67 34 22	151 37 38	N	1	N	5	--	N	N	N	50
186	67 36 21	151 34 8	N	2	N	10	--	N	N	N	50
187	67 36 4	151 33 36	N	2	N	15	--	N	N	N	70
188	67 35 17	151 30 6	N	--	N	--	--	N	--	N	30
190	67 35 21	151 30 33	N	1	N	10	--	N	--	N	30
191	67 36 3	151 40 14	N	27	N	20	--	N	N	N	50
192	67 36 23	151 39 47	N	4	N	20	--	N	N	N	50
193	67 37 8	151 43 11	N	3	N	10	--	N	N	N	50
208	67 30 48	151 31 50	N	5	N	30	--	N	N	N	20
209	67 31 7	151 31 50	N	N	N	10	--	N	N	N	20
230	67 31 7	151 52 38	N	N	N	<5	--	N	N	N	50
231	67 31 23	151 52 49	N	N	N	5	--	N	N	N	30
232	67 32 46	151 47 17	N	N	N	5	--	N	<.05	N	20
234	67 32 41	151 52 2	N	N	N	5	--	N	<.05	N	50
236	67 32 55	151 58 17	N	1	N	20	--	N	N	N	50
237	67 31 41	151 59 10	N	N	N	<5	--	N	N	N	30
603	67 37 4	151 54 24	N	1	N	15	--	N	N	N	100
605	67 32 35	151 37 11	N	N	N	<5	--	N	--	N	100
606	67 32 7	151 38 43	N	N	N	15	--	N	N	N	50
608	67 37 16	151 54 24	N	N	N	5	--	N	N	N	100
610	67 37 16	151 54 24	N	N	N	10	--	N	N	N	70
723	67 37 55	151 56 7	N	<1	N	10	--	N	N	N	15
749	67 34 14	151 47 13	N	3	N	10	--	N	N	N	20
752	67 35 7	151 47 34	N	1	N	20	--	N	N	N	30
754	67 35 24	151 48 39	N	<1	N	15	--	N	N	N	20
756	67 37 4	151 48 18	N	<1	N	10	--	N	N	N	20
757	67 39 11	151 49 29	N	<1	N	10	--	N	N	N	20
758	67 38 10	151 43 55	N	2	N	15	--	N	N	N	15
759	67 38 41	151 40 41	N	<1	N	10	--	N	N	N	20
760	67 39 40	151 41 8	N	1	N	10	--	N	N	N	30
761	67 39 40	151 38 58	N	1	N	10	--	N	N	N	20
762	67 40 11	151 37 43	N	<1	N	10	--	N	N	N	15
763	67 41 43	151 32 40	N	3	N	15	--	N	N	<.5	30
764	67 41 59	151 32 13	N	<1	N	20	--	N	N	N	20
765	67 44 9	151 38 58	N	<1	N	10	--	N	N	N	30
766	67 44 25	151 38 20	N	<1	N	15	--	N	N	N	20
767	67 41 18	151 37 43	N	<1	N	15	--	N	N	N	30
768	67 41 8	151 37 0	N	2	N	20	--	N	N	N	20
769	67 42 16	151 47 48	N	1	N	10	--	N	N	N	30
770	67 43 17	151 51 24	N	1	N	25	--	N	N	N	30
771	67 44 2	151 53 34	N	2	N	<5	--	N	N	N	30

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
176	10	N	70	N	.30	N	N	3.0	50	50	100
177	20	N	80	N	.40	N	N	3.0	50	70	150
178	10	N	65	N	.35	N	N	3.0	50	70	150
179	10	N	60	N	.40	N	N	3.0	30	50	100
185	10	N	70	N	.50	N	N	5.0	50	50	150
186	10	<200	100	N	.70	N	N	3.0	50	50	150
187	10	<200	160	N	1.40	N	N	3.0	50	70	100
188	10	<200	130	N	--	N	--	3.0	50	70	100
190	10	<200	150	N	.90	N	N	3.0	30	50	100
191	10	<200	130	N	1.10	N	N	3.0	50	70	100
192	10	<200	160	N	1.30	N	N	3.0	50	70	100
193	20	<200	100	N	1.10	N	N	3.0	50	70	100
208	10	N	70	N	.15	N	N	3.0	30	50	100
209	20	N	75	N	.15	N	N	3.0	20	50	100
230	10	N	60	N	<.05	N	N	7.0	50	100	150
231	10	N	50	N	.10	N	N	5.0	50	100	150
232	20	N	50	N	.10	N	N	5.0	30	50	100
234	10	N	65	N	<.05	N	N	7.0	50	70	150
236	10	N	65	N	<.05	N	N	7.0	50	70	150
237	10	N	70	N	<.05	N	N	7.0	50	70	150
603	50	<200	95	N	.20	N	N	5.0	30	70	100
605	30	N	50	N	.40	N	N	5.0	30	70	100
606	20	N	55	N	.20	N	N	5.0	20	50	100
608	50	<200	75	N	.15	N	N	5.0	20	70	100
610	50	<200	90	N	.15	N	N	5.0	30	70	100
723	15	N	130	N	.15	N	<1	3.0	15	50	70
749	10	N	90	N	.30	N	<1	5.0	20	50	100
752	15	N	110	N	.45	N	<1	7.0	30	70	100
754	15	N	90	N	.10	N	<1	5.0	30	70	70
756	20	N	120	N	.15	<10	<1	5.0	15	70	70
757	20	N	120	N	.20	N	<1	7.0	20	70	70
758	15	N	100	N	.30	N	<1	3.0	20	70	70
759	10	N	90	N	.20	N	<1	3.0	10	30	50
760	20	N	140	N	.45	N	<1	5.0	20	70	100
761	10	N	100	N	.30	N	<1	7.0	20	70	100
762	10	N	50	N	.15	N	<1	5.0	15	50	70
763	15	300	300	N	1.90	N	<1	3.0	20	70	70
764	10	<200	150	N	.40	N	<1	5.0	20	50	70
765	10	N	130	N	.10	N	<1	5.0	20	50	70
766	15	N	140	N	.10	N	<1	3.0	20	70	70
767	10	<200	130	N	.15	N	--	5.0	30	70	100
768	15	N	140	N	.55	N	--	5.0	20	50	70
769	15	N	140	N	.10	N	--	7.0	20	50	150
770	15	N	140	N	.15	N	--	3.0	15	50	70
771	20	N	130	N	.45	N	--	3.0	30	50	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm (s)	Sn-ppm (s)	Ba-ppm (s)	Be-ppm (s)	B-ppm (s)	Ca-pct. (s)	La-ppm (s)	Mg-pct. (s)	Mn-ppm (s)	Nb-ppm (s)
176	N	N	300	1.0	30	.50	50	1.00	300	<20
177	N	N	500	1.0	50	1.00	50	1.00	500	<20
178	N	N	500	1.0	30	1.00	50	1.00	300	<20
179	N	N	300	1.0	20	1.50	70	.70	500	<20
185	N	N	500	1.0	30	1.50	50	1.00	500	<20
186	N	N	1,000	1.0	50	.70	50	1.00	300	<20
187	N	N	1,000	1.0	50	1.50	50	1.00	300	<20
188	N	N	1,000	1.0	50	1.50	50	1.00	300	<20
190	N	N	1,000	1.0	30	1.00	50	.70	300	<20
191	N	N	700	1.0	50	5.00	50	1.00	300	<20
192	N	N	1,000	1.0	70	.30	50	.70	300	<20
193	N	N	1,000	1.0	30	5.00	50	1.00	500	<20
208	N	N	300	<1.0	70	.70	50	1.00	300	<20
209	N	N	300	<1.0	50	1.00	50	1.00	300	<20
230	N	N	200	1.0	70	.50	50	1.50	500	<20
231	N	N	200	1.0	100	.50	70	1.00	500	<20
232	N	N	300	1.0	50	.50	50	1.50	700	<20
234	N	N	200	1.0	70	1.50	100	1.50	500	<20
236	N	N	200	1.0	100	.70	70	1.50	700	<20
237	N	N	200	1.0	100	.70	100	1.50	700	<20
603	N	N	500	1.5	200	5.00	100	1.50	700	<20
605	N	N	300	1.0	100	2.00	70	1.50	1,000	<20
606	N	N	500	1.0	100	1.00	70	1.50	700	<20
608	N	N	500	2.0	150	5.00	100	1.50	700	<20
610	N	N	500	2.0	200	3.00	100	1.50	700	<20
723	N	N	700	1.5	30	.70	70	1.00	500	N
749	N	N	300	1.0	70	2.00	N	2.00	500	N
752	N	N	700	N	50	2.00	N	3.00	500	N
754	7	N	500	1.5	100	.50	70	1.00	700	N
756	5	N	500	1.0	70	.30	30	1.00	700	N
757	N	N	500	1.0	100	.10	150	1.50	700	N
758	5	N	300	1.0	100	2.00	70	1.50	700	N
759	<5	N	700	<1.0	70	.30	20	1.50	500	N
760	5	N	700	1.5	150	.70	50	1.00	700	N
761	5	N	700	<1.0	30	1.00	20	2.00	1,000	N
762	N	N	300	1.0	30	.30	N	1.50	500	N
763	15	N	700	1.0	50	.70	N	2.00	300	N
764	N	N	300	1.0	100	.20	N	1.00	1,000	N
765	N	N	500	1.5	100	.10	50	1.00	300	N
766	N	N	500	2.0	100	.10	30	1.00	700	N
767	N	N	500	1.5	150	.15	70	1.00	500	N
768	<5	N	500	1.0	100	.30	50	1.50	700	N
769	5	N	700	2.0	150	.15	70	1.50	700	N
770	<5	N	500	1.5	100	1.50	30	1.50	700	N
771	5	N	500	1.5	100	3.00	30	1.00	700	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
176	20	150	.500	--	150	N	1.0	20	100
177	20	150	.500	--	200	N	<1.0	20	150
178	20	150	.500	--	200	N	<1.0	20	100
179	15	200	.500	--	150	N	--	30	70
185	30	200	.500	--	300	N	<1.0	20	100
186	30	200	.500	--	300	N	<1.0	20	100
187	20	200	.500	--	300	N	<1.0	20	70
188	20	200	.500	--	300	N	--	20	50
190	20	200	.500	--	300	N	--	30	70
191	20	200	.500	--	300	N	2.0	20	70
192	15	<100	.500	--	300	N	1.0	20	100
193	15	200	.500	--	300	N	2.0	20	70
208	20	100	.500	--	200	N	2.0	30	200
209	20	100	.500	--	200	N	1.0	20	200
230	20	100	.500	--	200	N	2.0	20	500
231	20	100	.500	--	200	N	1.0	30	300
232	20	100	.500	--	200	N	1.0	20	200
234	20	100	.500	--	200	N	1.0	50	300
236	20	100	.700	--	200	N	1.0	50	300
237	20	100	.700	--	200	N	2.0	50	300
603	20	500	.500	N	200	N	4.0	70	200
605	30	500	.500	N	200	N	--	50	200
606	20	200	.500	N	200	N	1.0	20	100
608	20	500	.500	N	200	N	4.0	50	200
610	20	300	.500	N	200	N	3.0	50	200
723	15	100	.300	N	70	N	--	30	150
749	20	150	.150	N	200	N	--	15	100
752	20	200	.150	N	200	N	--	20	70
754	20	150	.300	N	150	N	--	30	150
756	15	N	.300	N	150	N	--	30	150
757	20	N	.500	N	150	N	--	30	150
758	15	200	.300	N	150	N	--	50	200
759	15	N	.300	N	150	N	--	20	150
760	20	100	.500	N	200	N	--	30	200
761	30	150	.300	N	300	N	--	30	100
762	15	N	.200	N	150	N	--	20	100
763	30	<100	.300	N	500	N	--	30	100
764	15	N	.300	N	150	N	--	20	150
765	20	100	.200	N	200	N	--	30	150
766	15	100	.300	N	150	N	--	30	200
767	15	<100	.300	N	200	N	--	30	150
768	20	100	.150	N	150	N	--	30	150
769	20	100	.300	N	200	N	--	30	200
770	15	100	.200	N	150	N	--	20	150
771	15	150	.200	N	150	N	--	30	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
771A	67 44 2	151 53 34	N	<1	N	10	--	N	<.05	N	20
772	67 41 16	151 48 9	N	<1	N	<5	--	N	N	N	20
773	67 44 23	151 52 35	N	<1	N	<5	--	N	N	N	30
860	67 32 39	151 31 33	N	2	N	10	--	N	N	<.5	50
1743	67 42 14	151 30 22	N	N	N	<5	--	N	--	N	15
1744	67 42 32	151 30 28	N	N	N	15	--	N	--	N	100
1745	67 41 4	151 31 41	N	4	N	10	--	N	--	N	100
1746	67 41 15	151 34 45	N	N	N	<5	--	N	--	N	20
1747	67 41 30	151 34 40	N	N	N	<5	--	N	--	N	30
1748	67 40 42	151 36 58	N	N	N	<5	--	N	--	N	50
1749	67 38 45	151 37 11	N	N	N	5	--	N	--	N	100
1750	67 38 57	151 36 49	N	N	N	<5	--	N	--	N	20
1751	67 36 14	151 33 36	N	N	N	<5	--	N	--	N	50
1752	67 35 53	151 33 57	N	2	N	5	--	N	--	N	100
1753	67 33 41	151 30 40	N	4	N	10	--	N	--	N	150
1754	67 31 5	151 31 39	N	N	N	10	--	N	--	N	30
1755	67 30 21	151 32 48	N	N	N	15	--	N	--	N	50
1787	67 30 54	151 32 11	N	8	N	55	--	N	--	N	50
1920	67 37 8	151 57 18	N	<2	N	15	--	N	--	N	20
1921	67 37 8	151 51 7	N	<2	N	10	--	N	--	<.5	30
1922	67 37 45	151 52 2	N	<2	N	10	--	N	--	N	20
1923	67 37 53	151 50 58	N	N	N	10	--	N	--	N	20
1924	67 37 33	151 56 25	N	<2	N	10	--	N	--	N	20
1930	67 35 8	151 58 38	N	2	N	20	--	N	--	N	20
1931	67 35 25	151 58 18	N	N	N	20	--	N	--	N	30
1932	67 34 16	151 54 50	N	<2	N	15	--	N	--	N	30
1933	67 34 16	151 55 28	N	2	N	15	--	N	--	N	30
1934	67 31 51	151 58 45	N	<2	N	5	--	N	--	N	10
1935	67 31 53	151 59 33	N	N	N	5	--	N	--	N	15
1939	67 31 13	151 51 18	N	<2	N	5	--	N	--	N	15
1940	67 30 40	151 38 20	N	<2	N	10	--	N	--	N	70
1941	67 30 24	151 38 47	N	<2	N	5	--	N	--	N	20
1966	67 44 20	151 41 14	N	<2	N	5	--	N	--	N	30
1967	67 44 4	151 41 30	N	N	N	5	--	N	--	N	50
		Wiseman C5--continued									
238	67 30 42	152 2 6	N	5	N	40	--	N	N	N	10
239	67 32 10	152 3 6	N	N	N	5	--	N	N	N	20
240	67 32 3	152 2 40	N	1	N	75	--	N	N	N	30
241	67 30 27	152 5 24	N	2	N	10	--	N	N	N	10
243	67 30 39	152 5 8	N	3	N	15	--	N	N	N	15

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--Continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
771A	15	300	600	N	2.30	N	<1	20.0	300	150	50
772	15	N	140	N	.10	N	--	7.0	30	70	150
773	15	N	160	N	.30	N	--	7.0	30	70	100
860	15	N	180	N	1.30	N	<1	3.0	20	50	100
1743	N	200	160	N	1.30	N	--	3.0	20	30	70
1744	10	200	110	N	.40	N	--	5.0	30	70	100
1745	20	700	320	N	3.00	N	--	5.0	30	70	150
1746	N	<200	65	N	.10	N	--	5.0	20	30	150
1747	10	N	50	N	.10	N	--	5.0	20	30	150
1748	<10	<200	160	N	1.10	N	--	5.0	30	30	150
1749	10	<200	100	N	.50	N	--	5.0	30	50	150
1750	10	N	45	N	<.10	N	--	5.0	20	30	150
1751	10	<200	70	N	.30	N	--	7.0	20	30	150
1752	15	300	250	N	1.30	N	--	7.0	30	50	150
1753	20	300	170	N	1.40	N	--	7.0	30	50	150
1754	10	N	50	N	.10	N	--	7.0	30	50	150
1755	10	N	50	N	.20	N	--	5.0	30	30	100
1787	20	N	55	N	.20	N	--	2.0	20	30	50
1920	10	N	85	N	.10	N	--	2.0	20	50	70
1921	20	N	50	N	<.10	N	--	5.0	20	50	70
1922	10	N	60	N	.10	N	--	3.0	15	30	50
1923	15	N	75	N	.20	N	--	3.0	20	50	70
1924	10	N	70	N	.20	N	--	3.0	20	50	70
1930	20	N	80	N	.20	N	--	2.0	15	50	50
1931	20	N	80	N	.20	N	--	2.0	15	50	50
1932	15	N	50	N	<.10	N	--	3.0	15	50	50
1933	20	N	60	N	.10	N	--	2.0	15	50	50
1934	10	N	20	N	<.10	N	--	1.0	7	15	15
1935	10	N	35	N	N	N	--	3.0	20	50	50
1939	10	N	35	N	<.10	N	--	3.0	20	50	50
1940	10	N	45	N	.30	N	--	2.0	20	50	50
1941	10	N	30	N	<.10	N	--	5.0	20	30	50
1966	30	<200	130	N	.20	N	--	2.0	20	20	70
1967	30	N	120	N	.20	N	--	3.0	30	20	100
					Wiseman C5--continued						
238	10	N	50	N	.05	N	N	3.0	20	20	100
239	15	N	80	N	.10	N	N	10.0	30	100	150
240	15	N	80	N	.05	N	N	5.0	20	100	150
241	15	N	55	N	.10	N	N	3.0	15	30	100
243	20	N	45	N	.15	N	N	2.0	10	10	70

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
771A	N	N	500	1.0	150	5.00	N	.50	>5,000	N
772	5	N	500	1.5	100	.15	30	1.50	700	N
773	N	N	700	1.5	100	.10	50	1.00	500	N
860	N	N	1,000	1.5	100	1.50	N	2.00	700	N
1743	N	N	300	1.0	70	.15	N	.50	1,500	N
1744	N	N	500	2.0	100	.30	N	1.00	1,500	N
1745	20	N	1,000	2.0	100	1.00	N	1.50	1,000	N
1746	N	N	500	1.0	50	.30	N	2.00	1,000	N
1747	N	N	500	1.0	70	.70	N	2.00	1,000	N
1748	5	N	700	1.0	70	.50	20	2.00	1,000	N
1749	N	N	700	1.5	100	.50	N	1.50	1,000	N
1750	N	N	700	1.0	50	.70	N	2.00	1,000	N
1751	N	N	1,000	2.0	150	.50	N	2.00	1,000	N
1752	10	N	1,500	1.5	100	2.00	N	2.00	1,000	N
1753	5	N	2,000	1.5	100	3.00	N	2.00	1,500	N
1754	N	N	700	2.0	150	.70	N	1.00	1,500	N
1755	N	N	500	2.0	100	.70	20	1.00	1,500	N
1787	N	N	200	1.5	70	1.00	<20	1.00	1,000	N
1920	N	N	150	2.0	70	.05	50	.70	500	N
1921	N	N	300	2.0	100	1.00	<20	1.50	700	N
1922	N	N	200	2.0	100	1.50	200	1.00	700	N
1923	N	N	200	1.5	70	.07	30	1.00	1,000	N
1924	N	N	200	2.0	70	.15	50	.50	1,000	N
1930	N	N	200	2.0	100	.30	<20	.50	500	N
1931	N	N	200	2.0	100	1.00	20	.50	700	N
1932	N	N	200	2.0	70	1.00	50	1.00	500	N
1933	N	N	200	1.5	100	1.50	70	.50	500	N
1934	N	N	100	1.0	30	10.00	N	.50	500	N
1935	N	N	200	2.0	100	.20	N	1.00	700	N
1939	N	N	200	1.5	70	.20	70	1.00	700	N
1940	N	N	200	1.0	50	2.00	N	1.50	1,500	N
1941	N	N	150	2.0	100	.20	100	1.00	1,000	N
1966	N	N	200	2.0	100	.07	20	.70	500	N
1967	N	N	300	2.0	100	.10	50	1.00	500	N
Wiseman CS--continued										
238	N	N	300	1.0	100	10.00	70	1.50	300	<20
239	N	N	700	1.0	150	1.00	70	1.50	500	<20
240	N	N	300	1.0	150	5.00	70	1.50	500	<20
241	N	N	300	1.0	70	10.00	50	1.50	500	<20
243	N	N	300	1.0	50	20.00	50	1.50	300	<20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm (S)	Sr-ppm (S)	Ti-pct. (S)	Th-ppm (S)	V-ppm (S)	W-ppm (S)	W-ppm (em)	Y-ppm (S)	Zr-ppm (S)
771A	7	200	.150	N	100	N	--	20	100
772	20	100	.300	N	150	N	--	30	150
773	20	100	.300	N	300	N	--	30	150
860	20	N	.300	N	200	N	--	30	70
1743	10	N	.200	N	150	N	--	10	70
1744	15	100	.300	N	200	N	--	20	100
1745	20	100	.300	N	300	N	--	20	100
1746	20	N	.300	N	200	N	--	20	100
1747	30	150	.300	N	300	N	--	20	100
1748	20	100	.300	N	200	N	--	20	70
1749	20	100	.300	N	300	N	--	30	100
1750	30	100	.300	N	200	N	--	20	70
1751	20	100	.300	N	200	N	--	30	100
1752	20	200	.300	N	300	N	--	30	100
1753	20	200	.300	N	300	N	--	30	70
1754	20	100	.700	N	150	N	--	30	200
1755	15	100	.700	N	200	N	--	50	200
1787	10	100	.200	N	100	N	--	30	50
1920	10	<100	.200	N	100	N	--	20	150
1921	15	200	.300	N	100	N	--	30	100
1922	10	300	.200	N	100	N	--	30	100
1923	15	<100	.200	N	100	N	--	20	70
1924	15	100	.300	N	100	N	--	30	70
1930	15	100	.200	N	100	N	--	20	100
1931	15	200	.300	N	100	N	--	30	100
1932	15	200	.200	N	100	N	--	20	50
1933	15	150	.200	N	100	N	--	30	100
1934	7	500	.150	N	30	N	--	20	30
1935	15	<100	.200	N	100	N	--	20	70
1939	15	<100	.200	N	100	N	--	20	100
1940	15	200	.200	N	100	N	--	20	50
1941	15	100	.200	N	100	N	--	50	100
1966	15	<100	.200	N	100	N	--	20	70
1967	20	<100	.200	N	150	N	--	30	100
Wiseman C5--continued									
238	10	300	.500	--	100	N	2.0	30	300
239	20	150	.700	--	300	N	2.0	30	500
240	20	300	.700	--	200	N	2.0	30	300
241	10	500	.500	--	100	N	2.0	30	200
243	5	1,000	.300	--	50	N	1.0	20	200

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
246	67 31 26	152 9 21	N	3	N	25	--	N	N	N	20
247	67 33 35	152 5 33	N	--	N	--	--	N	<.05	N	50
248	67 34 26	152 10 13	N	2	N	60	--	N	<.20	N	70
266	67 31 19	152 12 23	N	2	N	30	--	N	N	N	20
267	67 32 44	152 16 26	N	1	N	10	--	N	N	N	15
268	67 32 46	152 15 49	N	3	N	10	--	N	N	N	50
270	67 31 13	152 19 42	N	--	N	--	--	N	<.05	N	20
271	67 31 11	152 20 20	N	--	N	--	--	N	N	N	30
272	67 30 29	152 24 46	N	1	N	10	--	N	N	N	15
273	67 30 31	152 25 29	N	1	N	5	--	N	N	N	30
274	67 30 17	152 24 57	N	1	N	10	--	N	<.05	N	70
275	67 30 14	152 25 23	N	2	N	5	--	N	<.10	N	30
642	67 33 12	152 21 22	N	N	N	10	--	N	N	N	50
646	67 34 12	152 26 46	N	N	N	10	--	N	N	N	70
648	67 33 26	152 29 26	N	N	N	10	--	N	N	N	70
650	67 33 16	152 28 59	N	N	N	10	--	N	N	N	50
700	67 36 25	152 18 52	N	<1	N	10	--	N	N	N	15
701	67 36 58	152 18 48	N	1	N	10	--	N	N	N	10
702	67 36 25	152 22 27	N	<1	N	10	--	N	N	N	30
703	67 36 59	152 22 12	N	1	N	10	--	N	--	N	20
704	67 36 32	152 25 36	N	<1	N	5	--	N	N	N	15
706	67 36 31	152 28 1	N	<1	N	10	--	N	N	N	30
707	67 38 54	152 29 37	N	1	N	10	--	N	N	N	30
708	67 37 51	152 29 35	N	3	N	5	--	N	N	N	30
708A	67 37 51	152 29 35	N	2	N	10	--	N	N	N	<5
712	67 41 28	152 29 27	N	<1	N	5	--	N	N	N	10
713	67 42 22	152 20 56	N	<1	N	5	--	N	N	N	30
714	67 41 2	152 28 27	N	2	N	<5	--	N	N	N	15
715	67 39 10	152 14 54	N	<1	N	<5	--	N	N	N	20
716	67 43 15	152 28 53	N	<1	N	5	--	N	N	N	20
717	67 37 34	152 14 57	N	<1	N	10	--	N	N	N	10
718	67 44 51	152 23 31	N	2	N	10	--	N	N	N	20
719	67 35 31	152 14 27	N	1	N	10	--	N	N	N	30
720	67 40 46	152 19 10	N	2	N	10	--	N	N	N	20
721	67 35 48	152 9 0	N	1	N	10	--	N	N	N	20
722	67 40 36	152 15 45	N	<1	N	10	--	N	N	N	15
724	67 40 59	152 16 2	N	<1	N	5	--	N	N	N	20
725	67 44 47	152 2 41	N	2	N	10	--	N	N	N	20
726	67 36 50	152 4 26	N	1	N	10	--	N	N	N	30
727	67 44 34	152 3 8	N	<1	N	10	--	N	N	N	10
728	67 37 1	152 5 26	N	<1	N	10	--	N	N	N	30
729	67 44 51	152 3 35	N	<1	N	5	--	N	N	N	10
730	67 39 10	152 5 23	N	<1	N	10	--	N	N	N	15
731	67 44 39	152 13 3	N	<1	N	10	--	N	N	N	30
732	67 39 12	152 6 11	N	1	N	10	--	N	N	N	15

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
246	30	N	75	N	.10	N	N	3.0	20	30	100
247	50	N	90	N	--	N	--	5.0	20	50	100
248	10	N	110	N	.05	N	N	7.0	20	50	100
266	20	<200	55	N	.25	N	N	5.0	20	50	100
267	20	<200	70	N	.25	N	N	3.0	20	50	100
268	20	<200	110	N	.25	N	N	5.0	50	10	100
270	10	<200	60	N	--	N	--	2.0	20	30	50
271	20	<200	90	N	--	N	--	5.0	20	50	50
272	20	<200	120	N	.70	N	N	2.0	20	30	50
273	20	<200	130	N	.20	N	N	5.0	30	50	150
274	20	<200	120	N	.20	N	N	7.0	50	70	150
275	10	N	95	N	.20	N	N	5.0	30	50	100
642	30	<200	120	N	.45	N	N	5.0	30	70	70
646	30	<200	110	N	.20	N	N	7.0	30	100	100
648	30	<200	100	N	.15	N	N	7.0	30	100	150
650	30	<200	80	N	.20	N	N	5.0	30	70	100
700	<10	N	90	N	.45	N	<1	1.5	7	30	50
701	10	N	100	N	.55	N	<1	1.0	7	30	50
702	15	N	80	N	.30	N	<1	2.0	15	50	70
703	N	N	120	N	.55	N	<1	1.0	10	70	70
704	15	N	110	N	.10	N	<1	7.0	30	70	100
706	<10	N	75	N	.10	N	<1	7.0	20	30	70
707	10	200	200	N	1.50	N	<1	5.0	30	70	100
708	15	200	220	N	1.10	N	<1	10.0	30	70	70
708A	N	N	900	N	9.00	N	<1	.2	N	N	N
712	15	N	90	N	<.05	N	<1	5.0	20	30	70
713	15	N	130	N	.20	N	<1	7.0	20	50	70
714	15	N	85	N	.25	N	<1	2.0	15	30	70
715	10	N	55	N	.25	N	<1	3.0	20	50	70
716	15	N	95	N	.05	N	<1	3.0	20	50	100
717	10	N	70	N	.45	N	<1	.7	7	20	30
718	15	N	150	N	1.10	N	<1	3.0	20	70	70
719	15	N	90	N	.40	N	<1	1.0	15	30	50
720	10	N	130	N	1.10	N	<1	1.0	15	30	50
721	15	N	120	N	.20	N	<1	1.5	20	50	100
722	15	N	95	N	.15	N	<1	2.0	15	30	100
724	15	N	110	N	.10	N	<1	2.0	15	50	100
725	15	N	160	N	.95	N	<1	1.0	15	30	50
726	15	N	120	N	.15	N	<1	2.0	20	50	100
727	<10	N	110	N	.15	N	<1	.3	N	N	N
728	15	N	100	N	.25	N	<1	1.5	15	30	70
729	N	N	130	N	.15	N	<1	1.0	15	30	70
730	15	N	100	N	.15	N	<1	2.0	20	30	70
731	15	N	150	N	.40	N	<1	1.5	20	50	100
732	15	N	110	N	.40	N	<1	1.0	15	30	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm	Sn-ppm	Ba-ppm	Be-ppm	B-ppm	Ca-pct.	La-ppm	Mg-pct.	Mn-ppm	Nb-ppm
	s	s	s	s	s	s	s	s	s	s
246	N	N	700	1.0	100	10.00	50	1.50	300	<20
247	N	N	700	1.0	200	5.00	70	1.50	300	<20
248	N	N	300	1.0	50	3.00	70	1.50	700	<20
266	N	N	500	1.0	70	7.00	50	1.50	300	<20
267	N	N	500	1.0	70	1.00	50	1.50	500	<20
268	N	N	300	1.0	50	2.00	100	1.50	500	<20
270	N	N	500	1.0	70	2.00	50	1.00	300	<20
271	N	N	700	1.0	100	2.00	50	1.50	500	<20
272	N	N	300	1.0	50	3.00	50	.50	300	<20
273	N	N	500	1.5	70	.20	100	1.00	300	<20
274	N	N	300	1.5	70	.50	150	1.00	300	<20
275	N	N	300	1.5	70	.70	100	1.00	300	<20
642	N	N	500	2.0	150	.70	150	1.50	2,000	<20
646	N	N	500	1.5	150	.50	150	1.50	2,000	<20
648	N	N	500	1.5	150	.70	100	1.50	2,000	<20
650	N	N	500	1.5	150	5.00	100	2.00	2,000	<20
700	N	10	700	<1.0	30	.15	N	.50	700	N
701	N	N	700	N	50	2.00	100	.70	300	N
702	N	N	1,000	1.0	70	.70	50	.70	1,000	N
703	N	N	700	1.0	50	1.00	70	.50	500	N
704	N	N	1,500	1.5	70	.50	30	1.00	700	N
706	N	N	1,500	1.0	50	.30	30	1.00	1,000	N
707	<5	N	1,000	1.0	100	.70	30	1.00	1,000	N
708	7	N	1,000	1.5	100	1.00	50	.70	150	N
708A	N	N	N	N	10	<.05	N	.02	50	N
712	N	N	1,500	1.0	100	.15	N	1.00	700	N
713	N	N	1,000	2.0	70	.70	70	1.50	700	N
714	N	N	1,000	1.0	70	2.00	50	.70	500	N
715	N	N	700	<1.0	30	10.00	N	1.00	700	N
716	N	N	300	1.0	50	.07	50	.70	700	N
717	N	N	500	1.0	30	2.00	N	.30	300	N
718	<5	N	1,000	1.5	30	.30	50	1.00	500	N
719	N	N	500	1.0	50	.50	30	.50	300	N
720	<5	N	1,000	1.0	30	2.00	30	.70	300	N
721	N	N	700	1.5	30	2.00	50	.70	300	N
722	N	N	700	1.0	50	2.00	70	.70	300	N
724	N	N	700	1.0	50	.05	70	1.50	200	N
725	N	N	700	1.0	30	.15	30	.30	300	N
726	N	N	300	1.5	30	.70	50	.50	200	N
727	N	N	50	N	20	.50	N	.10	100	N
728	N	N	300	1.0	30	3.00	30	1.00	300	N
729	N	N	500	1.5	30	.10	30	1.00	150	N
730	N	N	500	1.0	50	2.00	30	.70	500	N
731	N	N	700	1.0	30	.10	30	.70	300	N
732	N	N	700	1.0	30	1.50	30	.50	500	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm	Sr-ppm	Ti-pct.	Th-ppm	V-ppm	W-ppm	W-ppm	Y-ppm	Zr-ppm
	s	s	s	s	s	s	em	s	s
246	10	500	.500	--	100	N	1.0	30	300
247	20	200	.700	--	150	N	2.0	30	500
248	20	200	.500	--	200	N	1.0	20	200
266	10	200	.500	--	200	N	<1.0	20	300
267	15	100	.700	--	150	N	<1.0	20	300
268	20	100	.700	--	200	N	1.0	20	300
270	10	200	.500	--	100	N	4.0	20	300
271	20	100	.500	--	200	N	2.0	20	300
272	10	200	.300	--	150	N	1.0	20	150
273	20	150	.700	--	200	N	3.0	20	200
274	30	150	.700	--	300	N	2.0	50	300
275	20	150	.700	--	200	N	2.0	30	300
642	20	200	.500	N	200	N	14.0	50	200
646	20	200	.700	N	200	N	2.0	50	300
648	20	200	.700	N	200	N	2.0	50	300
650	20	200	.700	N	200	N	--	50	300
700	7	N	.150	N	100	N	--	15	70
701	10	100	.150	N	70	N	--	20	70
702	15	N	.300	N	100	N	--	30	150
703	15	150	.200	N	150	N	--	30	100
704	15	N	.300	N	150	N	--	20	150
706	15	N	.500	N	100	N	--	20	150
707	15	<100	.300	N	150	N	--	20	150
708	15	N	.300	N	150	N	--	20	150
708A	N	N	.007	N	N	N	--	N	N
712	15	N	.500	N	100	N	--	20	150
713	15	150	.300	N	150	N	--	30	150
714	15	100	.200	N	100	N	--	30	150
715	10	200	.150	N	200	N	--	20	100
716	15	100	.150	N	50	N	--	30	150
717	5	100	.150	N	70	N	--	15	100
718	15	100	.200	N	100	N	--	30	150
719	10	100	.150	N	70	N	--	30	150
720	15	300	.200	N	100	N	--	20	100
721	15	150	.300	N	100	N	--	20	150
722	10	100	.200	N	70	N	--	20	100
724	15	100	.300	N	150	N	--	30	200
725	10	100	.200	N	100	N	--	30	150
726	15	150	.300	N	100	N	--	30	150
727	N	N	.050	N	20	N	--	N	N
728	15	150	.200	N	100	N	--	20	150
729	15	N	.200	N	70	N	--	20	150
730	15	100	.300	N	150	N	--	N	200
731	15	100	.300	N	150	N	--	20	200
732	10	150	.150	N	150	N	--	20	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
734	67 42 31	152 7 20	N	1	N	10	--	N	N	N	20
736	67 42 18	152 8 14	N	<1	N	10	--	N	N	N	15
738	67 44 2	152 10 15	N	1	N	10	--	N	N	N	20
740	67 44 15	152 10 10	N	<1	N	10	--	N	N	N	30
742	67 44 5	152 9 15	N	<1	N	15	--	N	N	N	30
755	67 40 50	152 6 2	N	1	N	20	--	N	N	N	15
774	67 41 32	152 0 28	N	1	N	10	--	N	N	N	20
820	67 35 33	152 1 28	N	N	N	10	--	N	N	N	50
821	67 34 47	152 5 29	N	N	N	10	--	N	N	N	50
1773	67 34 10	152 27 52	N	N	N	5	--	N	--	N	70
1774	67 34 0	152 26 41	N	N	N	5	--	N	--	N	20
1775	67 37 0	152 25 22	N	N	N	5	--	N	--	N	20
1776	67 40 16	152 19 45	N	<2	N	5	--	N	--	N	15
1777	67 40 31	152 29 44	N	2	N	5	--	N	--	N	15
1778	67 40 23	152 25 47	N	3	N	5	--	N	--	N	20
1779	67 31 28	152 23 29	N	2	N	5	--	N	--	N	15
1780	67 32 35	152 18 27	N	<2	N	45	--	N	--	N	20
1781	67 32 36	152 19 5	N	2	N	25	--	N	--	N	20
1782	67 31 7	152 13 6	N	2	N	50	--	N	--	N	15
1783	67 33 1	152 11 14	N	4	N	25	--	N	--	N	15
1784	67 30 44	152 0 56	N	<2	N	25	--	N	--	N	10
1785	67 30 59	152 0 56	N	N	N	10	--	N	--	N	15
1786	67 30 58	152 3 26	N	<2	N	20	--	N	--	N	7
1925	67 40 57	152 7 23	N	<2	N	5	--	N	--	.5	500
1925A	67 40 57	152 7 23	N	N	N	20	--	N	--	1.5	1,000
1926	67 43 14	152 7 52	N	<2	N	5	--	N	--	N	20
1927	67 39 31	152 7 2	N	N	N	10	--	N	--	N	20
1928	67 34 26	152 4 47	N	<2	N	10	--	N	--	N	15
1929	67 34 19	152 7 17	N	<2	N	15	--	N	--	N	15
				Wiseman C6--continued							
326	67 32 13	152 39 40	N	N	N	10	--	N	N	N	100
328	67 32 26	152 38 58	N	N	N	10	--	N	N	N	15
329	67 34 7	152 38 14	N	N	N	15	--	N	N	N	70
331	67 35 27	152 37 28	N	N	N	5	--	N	--	N	30
333	67 35 37	152 37 40	N	--	N	--	--	N	--	N	30
335	67 33 8	152 52 35	N	N	N	10	--	N	N	N	70
336	67 32 59	152 58 18	N	N	N	10	--	N	N	N	50
337	67 32 46	152 58 34	N	N	N	10	--	N	N	N	50
338	67 31 31	152 57 57	N	N	N	10	--	N	--	N	50
339	67 31 41	152 58 3	N	N	N	10	--	N	N	N	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
734	10	N	100	N	.25	N	<1	1.5	15	50	70
736	10	N	45	N	.10	N	<1	.7	5	20	30
738	15	N	120	N	.45	N	<1	2.0	15	30	50
740	15	N	140	N	.35	N	<1	2.0	20	50	70
742	20	N	130	N	.70	N	<1	1.5	30	70	100
755	20	N	130	N	.25	<10	<1	2.0	10	30	30
774	15	N	110	N	.20	N	--	5.0	20	30	30
820	20	<200	65	N	.20	N	<1	5.0	20	20	150
821	20	N	130	N	.20	N	<1	3.0	30	20	100
1773	20	N	90	N	.10	N	--	2.0	20	70	50
1774	15	N	85	N	.10	N	--	3.0	20	50	50
1775	<10	<200	150	N	1.10	N	--	2.0	15	70	50
1776	10	N	100	N	1.00	N	--	1.5	10	50	30
1777	<10	N	90	N	.20	N	--	2.0	15	50	50
1778	10	N	90	N	.30	N	--	2.0	20	70	70
1779	10	N	85	N	.20	N	--	2.0	15	50	50
1780	10	N	55	N	.10	N	--	2.0	20	50	30
1781	20	N	60	N	.10	N	--	2.0	10	30	50
1782	20	N	50	N	.10	N	--	3.0	15	30	70
1783	30	N	70	N	.10	N	--	2.0	10	20	50
1784	20	N	40	N	<.10	N	--	1.5	10	20	30
1785	15	N	45	N	.10	N	--	3.0	20	50	50
1786	20	N	50	N	.10	N	--	1.5	10	20	30
1925	<10	N	80	N	.50	N	--	2.0	10	30	30
1925A	<10	N	85	N	.50	N	--	2.0	15	50	30
1926	10	N	55	N	.20	N	--	1.5	10	20	30
1927	<10	N	85	N	.50	N	--	2.0	10	30	30
1928	<10	N	35	N	.10	N	--	1.0	10	20	30
1929	<10	N	50	N	.20	N	--	2.0	15	30	50
					Wiseman C6--continued						
326	20	<200	120	N	.35	N	N	5.0	50	70	200
328	10	N	65	N	.20	N	N	2.0	30	30	100
329	20	<200	120	N	.50	N	N	3.0	50	100	200
331	10	<200	100	N	.50	N	N	3.0	30	70	150
333	10	N	85	N	--	N	--	2.0	50	50	100
335	20	<200	110	N	.35	N	N	3.0	50	70	150
336	20	N	70	N	.15	N	N	5.0	50	70	150
337	30	<200	110	N	.30	N	1	3.0	50	70	150
338	50	N	120	N	.60	N	N	3.0	50	70	200
339	50	<200	120	N	.40	N	N	5.0	50	100	300

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm	Sn-ppm	Ba-ppm	Be-ppm	B-ppm	Ca-pct.	La-ppm	Mg-pct.	Mn-ppm	Nb-ppm
	s	s	s	s	s	s	s	s	s	s
734	N	N	700	1.0	100	7.00	30	1.50	500	N
736	N	N	300	<1.0	50	.50	20	.50	300	N
738	N	N	500	1.0	100	.20	20	.70	700	N
740	N	N	700	1.0	100	.10	30	.70	500	N
742	N	N	700	1.5	100	.50	50	.50	700	N
755	5	N	700	1.0	50	5.00	N	1.50	1,000	N
774	N	N	500	1.0	100	.70	N	1.00	2,000	N
820	N	N	300	2.0	150	.10	N	.70	1,000	N
821	N	N	500	2.0	100	.20	N	1.00	1,000	N
1773	N	N	200	2.0	100	.20	70	.70	1,000	N
1774	N	N	200	2.0	100	.20	50	.70	1,000	N
1775	7	N	700	1.5	100	.50	30	.50	500	N
1776	N	N	500	1.5	100	3.00	50	.50	700	N
1777	N	N	200	1.0	70	.10	N	.50	700	N
1778	<5	N	500	1.5	100	.50	<20	.70	1,000	N
1779	N	N	150	1.5	100	1.00	50	.50	500	N
1780	N	N	300	2.0	150	1.00	70	.70	700	N
1781	N	N	200	1.5	70	1.00	30	1.00	700	N
1782	N	N	500	2.0	100	3.00	50	1.00	700	N
1783	N	N	200	2.0	150	3.00	70	2.00	500	N
1784	N	N	150	2.0	100	5.00	50	.70	500	N
1785	N	N	100	2.0	70	.30	50	1.00	700	N
1786	N	N	100	1.0	100	5.00	30	1.00	500	N
1925	<5	N	500	<1.0	50	5.00	N	.50	300	N
1925A	N	N	700	1.0	50	7.00	20	.50	500	N
1926	N	N	200	1.5	70	7.00	<20	.50	500	N
1927	7	N	700	2.0	70	2.00	N	.70	1,000	N
1928	N	N	150	1.0	50	.30	<20	.20	500	N
1929	N	N	150	1.0	50	2.00	N	.50	700	N
Wiseman C6--continued										
326	N	N	300	1.5	70	.50	200	1.00	500	<20
328	N	N	200	1.0	70	.50	50	1.00	500	<20
329	N	N	300	2.0	70	.30	70	1.00	500	<20
331	N	N	300	2.0	70	.30	50	1.00	500	<20
333	N	N	300	1.0	70	1.00	50	1.00	500	<20
335	N	N	300	1.5	70	.20	100	1.00	300	<20
336	N	N	300	1.5	100	.15	100	1.00	500	<20
337	N	N	300	2.0	70	.15	100	1.00	300	<20
338	N	N	500	2.0	50	.20	50	1.50	300	<20
339	N	N	500	2.0	70	.10	150	1.00	300	<20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm (s)	Sr-ppm (s)	Ti-pct. (s)	Th-ppm (s)	V-ppm (s)	W-ppm (s)	W-ppm (em)	Y-ppm (s)	Zr-ppm (s)
734	10	200	.200	N	150	N	--	20	150
736	7	200	.150	N	100	N	--	15	70
738	15	<100	.200	N	100	N	--	20	150
740	15	N	.200	N	150	N	--	30	200
742	15	150	.200	N	200	N	--	30	150
755	10	100	.150	N	100	N	--	15	70
774	15	N	.150	N	150	N	--	20	100
820	15	100	.500	N	200	N	--	20	100
821	15	N	.300	N	150	N	--	20	100
1773	15	100	.300	N	100	N	--	50	100
1774	15	100	.300	N	100	N	--	30	100
1775	10	<100	.200	N	150	N	--	20	70
1776	10	500	.150	N	100	N	--	20	50
1777	10	N	.200	N	100	N	--	15	70
1778	15	100	.200	N	100	N	--	20	100
1779	10	100	.200	N	100	N	--	20	100
1780	10	<100	.300	N	100	N	--	30	150
1781	15	<100	.200	N	100	N	--	20	100
1782	10	200	.300	N	100	N	--	50	150
1783	10	200	.200	N	70	N	--	20	200
1784	10	500	.200	N	70	N	--	30	100
1785	10	<100	.200	N	100	N	--	30	100
1786	10	500	.200	N	50	N	--	20	70
1925	10	150	.150	N	150	N	--	20	50
1925A	10	200	.150	N	150	N	--	20	50
1926	10	200	.100	N	70	N	--	20	50
1927	10	200	.150	N	150	N	--	20	50
1928	7	<100	.150	N	70	N	--	20	70
1929	10	200	.200	N	100	N	--	20	50
Wiseman C6--continued									
326	30	200	.700	--	200	N	1.0	50	150
328	20	100	.700	--	100	N	1.0	30	150
329	30	100	.700	--	200	N	2.0	30	150
331	20	150	.500	--	150	N	1.0	20	100
333	20	150	.500	--	150	N	--	20	100
335	30	100	.500	--	150	N	2.0	30	200
336	30	100	.700	--	150	N	<1.0	30	200
337	20	100	.700	--	150	N	<1.0	30	200
338	20	200	.500	--	150	N	--	20	200
339	30	200	.700	--	200	N	1.0	50	200

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
340	67 30 43	152 54 25	N	N	N	15	--	N	N	N	50
341	67 30 33	152 54 9	N	N	N	15	--	N	N	N	50
342	67 30 43	152 53 48	N	N	N	20	--	N	N	N	70
347	67 31 33	152 47 57	N	N	N	15	--	N	N	N	50
348	67 31 45	152 47 41	N	N	N	10	--	N	N	N	50
349	67 31 53	152 43 30	N	N	N	15	--	N	N	N	100
350	67 31 31	152 35 53	N	N	N	15	--	N	N	N	50
351	67 31 17	152 35 47	N	N	N	10	--	N	--	1.0	70
705	67 38 23	152 32 2	N	2	N	10	--	N	N	N	20
709	67 42 4	152 33 53	N	<1	N	<5	--	N	N	N	20
710	67 37 26	152 31 44	N	1	N	5	--	N	N	N	20
711	67 42 29	152 33 5	N	<1	N	5	--	N	N	N	30
1190	67 42 29	152 58 34	N	5	N	10	--	N	N	N	30
1191	67 38 15	152 57 21	N	1	N	5	--	N	N	N	30
1192	67 38 34	152 56 33	N	2	N	10	--	N	N	N	50
1193	67 43 3	152 47 37	N	<1	N	10	--	N	N	N	70
1194	67 42 42	152 48 13	N	3	N	15	--	N	N	N	50
1195	67 41 57	152 43 3	N	<1	N	5	--	N	N	N	50
1196	67 44 18	152 38 56	N	<1	N	10	--	N	N	N	50
1197	67 44 17	152 40 27	N	<1	N	5	--	N	N	N	70
1198	67 41 38	152 42 57	N	2	N	10	--	N	N	N	50
1198A	67 41 38	152 42 57	N	2	N	10	--	N	N	N	70
1199	67 39 1	152 47 30	N	<1	N	10	--	N	N	N	70
1200	67 41 33	152 45 28	N	2	N	15	--	N	N	N	70
1201	67 40 57	152 38 42	N	<1	N	10	--	N	N	N	50
1202	67 40 25	152 36 58	N	<1	N	10	--	N	N	N	50
1203	67 32 44	152 55 20	N	2	N	5	--	N	N	N	70
1204	67 32 26	152 54 36	N	2	N	10	--	N	N	N	70
1205	67 34 32	152 51 57	N	2	N	10	--	N	N	N	50
1206	67 34 4	152 51 17	N	<1	N	5	--	N	N	N	70
1207	67 34 47	152 55 38	N	<1	N	15	--	N	N	N	50
1212	67 31 36	152 39 28	N	<1	N	10	--	N	N	N	70
1213	67 33 19	152 40 10	N	<1	N	<5	--	N	N	N	50
1214	67 31 7	152 45 47	N	1	N	10	--	N	N	N	100
1215	67 30 57	152 44 58	N	<1	N	10	--	N	N	N	70
1217	67 34 42	152 47 55	N	<1	N	10	--	N	N	N	50
1218	67 35 22	152 46 10	N	<1	N	5	--	N	N	N	30
1219	67 35 8	152 44 43	N	<1	N	10	--	N	N	N	70
1761	67 39 47	152 33 33	N	N	N	<5	--	N	--	N	20
1762	67 38 29	152 40 49	N	N	N	<5	--	N	--	N	50
1763	67 38 25	152 40 22	N	N	N	5	--	N	--	N	20
1764	67 40 15	152 47 10	N	N	N	10	--	N	--	N	20
1765	67 38 22	152 55 5	N	N	N	10	--	N	--	N	30
1766	67 34 48	152 50 50	N	N	N	10	--	N	--	N	20
1767	67 35 41	152 42 18	N	N	N	15	--	N	--	<.5	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
340	50	N	120	N	.45	N	N	5.0	70	70	300
341	20	N	100	N	.40	N	N	5.0	50	100	150
342	20	<200	130	N	.40	N	N	5.0	70	70	200
347	50	<200	110	N	.55	N	N	5.0	50	70	200
348	20	<200	100	N	.40	N	N	5.0	70	50	150
349	50	<200	120	N	.35	N	N	5.0	70	70	200
350	20	<200	110	N	.55	N	N	3.0	50	70	200
351	30	<200	130	N	.60	N	N	7.0	70	100	300
705	10	N	100	N	.80	N	<1	2.0	10	50	50
709	15	N	90	N	.05	N	<1	3.0	20	30	70
710	15	N	110	N	.40	N	<1	5.0	15	70	100
711	15	N	85	N	<.05	N	<1	7.0	20	50	100
1190	30	<200	190	N	2.60	N	<1	5.0	20	100	100
1191	30	200	130	N	.40	N	<1	7.0	50	100	150
1192	50	200	120	N	.50	N	<1	7.0	50	70	150
1193	50	200	90	N	.10	N	<1	7.0	50	100	150
1194	30	200	180	N	1.90	N	<1	5.0	30	70	100
1195	20	200	90	N	.10	N	<1	7.0	30	100	150
1196	20	200	100	N	.05	N	<1	7.0	50	100	150
1197	10	200	95	N	.05	N	<1	7.0	50	100	150
1198	30	300	110	N	.55	N	<1	7.0	30	100	150
1198A	30	300	200	N	2.50	N	<1	7.0	50	100	150
1199	30	300	160	N	1.20	N	<1	7.0	50	150	150
1200	50	300	200	N	2.00	N	<1	7.0	50	150	150
1201	20	300	170	N	1.10	N	<1	7.0	50	150	150
1202	20	300	140	N	1.00	N	<1	7.0	30	100	150
1203	30	300	120	N	.25	N	<1	7.0	50	150	150
1204	50	300	150	N	.35	N	<1	7.0	50	150	200
1205	50	<200	80	N	.50	N	<1	5.0	20	70	150
1206	50	<200	110	N	.25	N	<1	7.0	30	150	200
1207	30	<200	85	N	.40	N	<1	7.0	20	50	150
1212	20	200	140	N	.35	N	<1	7.0	70	150	200
1213	10	200	75	N	.15	N	<1	7.0	50	100	150
1214	20	200	120	N	.15	N	<1	7.0	50	100	200
1215	20	300	130	N	.15	N	<1	10.0	70	200	500
1217	10	<200	80	N	.10	N	<1	7.0	50	70	150
1218	10	<200	90	N	.20	N	<1	5.0	30	100	150
1219	30	200	95	N	.05	N	<1	7.0	50	100	200
1761	15	N	110	N	.60	N	---	2.0	15	50	50
1762	20	200	180	N	1.90	N	---	3.0	50	70	50
1763	20	N	100	N	.30	N	---	2.0	15	50	50
1764	20	N	130	N	.40	N	---	2.0	20	50	50
1765	30	300	220	N	1.50	N	---	3.0	50	70	70
1766	15	N	120	N	.80	N	---	2.0	20	50	30
1767	20	<200	140	N	.70	N	---	3.0	20	50	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
340	N	N	500	2.0	70	.15	150	1.00	300	<20
341	N	N	300	1.5	70	.20	100	1.00	300	<20
342	N	N	300	2.0	70	.30	200	1.00	300	<20
347	N	N	300	2.0	100	.20	150	.70	300	<20
348	N	N	300	2.0	50	.20	50	1.00	300	<20
349	N	N	300	2.0	70	.30	150	1.00	500	<20
350	N	N	300	2.0	70	.70	150	1.50	500	<20
351	N	N	300	2.0	100	.50	100	1.50	500	<20
705	5	N	1,000	1.5	100	10.00	50	1.00	200	N
709	N	N	1,500	1.5	100	.05	30	.70	700	N
710	N	N	1,000	1.5	100	.30	30	1.50	500	N
711	N	N	2,000	1.0	100	.15	N	1.00	700	N
1190	10	N	1,500	2.0	100	10.00	100	2.00	700	N
1191	10	N	1,000	2.0	100	.20	100	2.00	1,500	<20
1192	N	N	1,000	2.0	100	.50	100	2.00	1,000	<20
1193	N	N	700	2.0	100	.50	100	2.00	2,000	N
1194	10	N	1,000	2.0	100	5.00	100	1.00	1,000	<20
1195	N	N	700	1.0	100	.20	50	2.00	1,000	<20
1196	N	N	1,000	1.0	100	.20	50	2.00	2,000	N
1197	N	N	700	1.0	100	.20	50	2.00	1,000	N
1198	N	N	1,000	2.0	200	2.00	50	2.00	1,000	N
1198A	N	N	1,000	2.0	150	1.00	50	2.00	2,000	N
1199	N	N	1,000	2.0	150	.50	50	2.00	1,000	<20
1200	20	N	1,500	2.0	150	5.00	100	2.00	1,000	N
1201	N	N	1,000	2.0	100	.50	100	2.00	1,000	N
1202	N	N	1,000	2.0	100	2.00	100	2.00	1,000	N
1203	N	N	1,000	3.0	100	.20	150	2.00	1,000	N
1204	N	N	1,000	2.0	100	.20	200	2.00	1,000	N
1205	N	N	1,000	2.0	100	2.00	50	1.00	1,000	N
1206	N	N	700	2.0	100	.20	100	2.00	1,000	N
1207	N	N	500	N	100	2.00	20	2.00	700	N
1212	N	N	700	5.0	100	.20	100	2.00	2,000	<20
1213	N	N	500	2.0	100	.50	50	2.00	2,000	<20
1214	N	N	700	2.0	100	.20	100	1.00	1,000	<20
1215	N	N	1,000	2.0	100	.20	200	1.00	1,000	N
1217	N	N	500	2.0	100	.70	100	1.00	1,000	N
1218	N	N	700	2.0	70	.20	50	.70	1,000	N
1219	N	N	700	1.0	70	.20	100	2.00	2,000	<20
1761	<5	N	500	1.0	100	2.00	30	.50	500	N
1762	N	N	300	1.5	100	.07	30	1.00	1,000	N
1763	N	N	300	1.0	70	.20	30	1.00	500	N
1764	N	N	300	1.5	100	.30	70	.70	700	N
1765	N	N	500	2.0	150	.15	100	1.00	1,000	N
1766	5	N	300	1.0	70	.10	30	.70	700	N
1767	<5	N	700	1.5	100	.50	20	1.00	1,000	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm (s)	Sr-ppm (s)	Ti-pct. (s)	Th-ppm (s)	V-ppm (s)	W-ppm (s)	W-ppm (em)	Y-ppm (s)	Zr-ppm (s)
340	30	200	.700	--	200	N	1.0	30	200
341	20	150	.700	--	200	N	<1.0	30	300
342	30	200	.700	--	200	N	1.0	50	200
347	30	200	.500	--	200	N	2.0	30	300
348	30	150	.500	--	200	N	1.0	30	150
349	30	150	.500	--	200	N	1.0	30	150
350	30	150	.500	--	200	N	2.0	30	150
351	30	150	.700	--	300	N	<1.0	30	200
705	15	500	.200	N	150	N	--	20	100
709	15	N	.500	N	100	N	--	30	200
710	15	150	.300	N	150	N	--	30	150
711	15	N	.500	N	150	N	--	20	150
1190	10	300	.300	N	300	N	--	30	200
1191	20	300	1.000	N	200	N	--	50	500
1192	20	300	1.000	N	200	N	--	50	300
1193	30	100	1.000	N	150	N	--	70	500
1194	20	300	.700	N	150	N	--	70	300
1195	30	100	1.000	N	500	N	--	70	500
1196	30	100	1.000	N	300	N	--	70	500
1197	30	N	1.000	N	300	N	--	70	300
1198	30	300	1.000	N	300	N	--	70	500
1198A	20	300	1.000	N	300	N	--	70	500
1199	30	200	1.000	N	300	N	--	70	500
1200	20	300	1.000	N	300	N	--	70	300
1201	30	200	1.000	N	200	N	--	70	500
1202	20	300	1.000	N	150	N	--	70	500
1203	30	300	1.000	N	200	N	--	70	500
1204	30	300	1.000	N	200	N	--	70	300
1205	20	100	1.000	N	150	N	--	70	500
1206	30	200	1.000	N	150	N	--	70	500
1207	15	N	.500	N	150	N	--	30	200
1212	30	300	1.000	N	300	N	--	100	700
1213	20	100	1.000	N	300	N	--	70	500
1214	30	300	1.000	N	300	N	--	70	500
1215	30	300	1.000	N	300	N	--	70	300
1217	20	200	1.000	N	200	N	--	70	500
1218	20	100	.700	N	200	N	--	50	500
1219	30	N	1.000	N	300	N	--	50	500
1761	15	200	.200	N	150	N	--	20	100
1762	15	100	.300	N	150	N	--	30	100
1763	10	<100	.200	N	150	N	--	20	70
1764	10	<100	.200	N	150	N	--	30	100
1765	15	<100	.300	N	150	N	--	50	150
1766	10	<100	.200	N	150	N	--	20	50
1767	15	<100	.300	N	150	N	--	30	70

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1768	67 35 41	152 39 58	N	3	N	55	--	N	--	<.5	30
1769	67 35 29	152 35 50	N	N	N	5	--	N	--	N	20
1770	67 35 44	152 34 15	N	N	N	5	--	N	--	N	15
1771	67 30 33	152 39 8	N	N	N	5	--	N	--	N	50
1772	67 31 23	152 38 34	N	N	N	5	--	N	--	N	30
				Wiseman D1--continued							
942	67 47 49	150 16 22	N	1	N	10	.04	N	N	.7	100
969	67 56 26	150 29 30	N	1	N	10	.14	N	N	N	30
970	67 56 36	150 29 24	N	1	N	5	.06	N	N	N	50
972	67 58 29	150 29 58	N	<1	N	5	.10	N	N	.5	50
1039	67 49 47	150 29 16	N	4	N	20	--	N	N	N	70
1042	67 45 37	150 26 46	N	1	N	5	--	N	N	N	30
1043	67 53 8	150 29 54	N	14	N	15	.16	N	N	.5	70
1045	67 50 34	150 28 25	N	4	N	10	.06	N	N	N	50
1046	67 50 23	150 27 25	N	8	N	25	.10	N	N	.5	150
1047	67 51 18	150 22 34	N	4	N	15	.04	N	N	N	70
1048	67 51 30	150 22 12	N	7	N	10	.10	N	N	<.5	100
1049	67 51 51	150 23 0	N	3	N	10	.12	N	N	N	50
1050	67 51 23	150 24 55	N	4	N	15	.06	N	N	N	70
1051	67 53 21	150 23 38	N	7	N	10	.06	N	N	N	50
1052	67 54 21	150 24 13	N	3	N	10	.10	N	N	N	70
1053	67 55 43	150 15 3	N	<1	N	5	.04	N	N	N	50
1054	67 57 0	150 13 47	N	2	N	20	.12	N	N	N	50
1055	67 56 52	150 15 9	N	2	N	20	.18	N	N	N	30
1056	67 55 27	150 8 20	N	5	N	10	--	N	N	.7	70
1057	67 55 51	150 8 57	N	1	N	15	--	N	N	N	50
1058	67 55 24	150 0 59	N	3	N	15	--	N	N	<.5	150
1059	67 55 9	150 0 32	N	<1	N	5	--	N	N	N	20
1061	67 59 37	150 25 23	N	<1	N	5	--	N	N	N	50
1065	67 59 55	150 18 42	N	<1	N	5	--	N	N	N	30
1067	67 59 38	150 3 19	N	<1	N	5	--	N	N	N	50
1068	67 59 26	150 3 53	N	<1	N	5	--	N	N	N	70
1069	67 58 42	150 0 11	N	<1	N	5	--	N	N	N	70
1070	67 52 52	150 11 30	N	5	N	20	.18	N	N	N	50
1071	67 52 33	150 9 43	N	1	N	5	--	N	N	N	50
1071A	67 52 33	150 9 43	N	1	N	10	--	N	N	N	30
1072	67 52 7	150 10 39	N	3	N	20	--	N	N	N	100
1073	67 50 12	150 7 14	N	3	N	10	--	N	N	N	50
1074	67 49 0	150 10 24	N	3	N	5	--	N	N	N	30
1075	67 47 24	150 6 32	N	2	N	<5	--	N	N	N	50
1076	67 47 42	150 6 41	N	2	N	15	--	N	N	N	30

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
1768	20	700	980	<20	10.00	N	--	2.0	30	100	50
1769	<10	N	55	N	.10	N	--	2.0	20	30	30
1770	10	N	60	N	.10	N	--	2.0	15	30	30
1771	30	<200	110	N	.10	N	--	3.0	20	70	100
1772	20	<200	120	N	2.00	N	--	3.0	20	70	70
					Wiseman D1--continued						
942	30	1,000	720	N	5.10	N	<1	3.0	50	70	70
969	15	300	170	N	.90	N	<1	5.0	20	50	100
970	20	N	120	N	.20	N	<1	7.0	20	50	100
972	30	N	100	N	.10	N	<1	7.0	20	70	100
1039	20	700	410	N	2.90	N	<1	7.0	20	70	70
1042	20	N	70	N	.20	N	<1	3.0	15	70	100
1043	20	500	340	N	2.80	N	<1	5.0	20	100	150
1045	10	200	140	N	.80	N	<1	5.0	20	100	150
1046	20	700	320	N	1.20	N	<1	10.0	15	50	100
1047	20	700	400	N	2.40	N	<1	5.0	20	70	70
1048	10	1,000	640	N	4.00	N	<1	3.0	20	100	100
1049	10	500	320	N	2.10	N	<1	7.0	30	200	200
1050	10	300	150	N	1.00	N	<1	5.0	20	100	200
1051	10	200	140	N	.60	N	<1	7.0	20	200	200
1052	15	200	140	N	.55	N	<1	5.0	20	150	200
1053	15	<200	95	N	.20	N	<1	7.0	30	200	200
1054	30	200	200	N	.85	N	<1	7.0	20	100	150
1055	20	<200	120	N	.35	N	<1	7.0	15	70	150
1056	10	1,000	480	N	3.70	N	<1	3.0	20	70	100
1057	10	<200	170	N	.90	N	<1	7.0	20	100	150
1058	N	700	500	N	3.20	N	<1	5.0	20	70	100
1059	10	N	80	N	.30	N	<1	3.0	10	30	100
1061	20	N	110	N	.15	N	<1	7.0	20	50	150
1065	20	N	110	N	.20	N	<1	5.0	20	70	150
1067	20	N	100	N	.10	N	<1	5.0	20	70	150
1068	20	N	100	N	.10	N	<1	3.0	20	70	150
1069	30	N	120	N	.15	N	<1	5.0	20	70	150
1070	20	N	510	N	4.00	N	<1	5.0	30	50	150
1071	15	500	180	N	1.40	N	<1	3.0	20	50	70
1071A	15	700	420	N	2.50	N	<1	3.0	15	70	70
1072	15	700	420	N	2.30	N	<1	7.0	15	70	70
1073	10	N	95	N	.30	N	<1	7.0	20	70	100
1074	20	N	70	N	.15	N	<1	3.0	15	50	100
1075	10	N	55	N	.15	N	<1	7.0	20	50	100
1076	20	N	60	N	.10	N	<1	5.0	30	70	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
1768	5	N	700	1.0	100	1.50	30	.70	1,500	N
1769	N	N	150	1.0	100	.10	30	.70	1,000	N
1770	N	N	150	1.0	70	.10	<20	.70	700	N
1771	N	N	300	2.0	100	.10	70	1.00	700	N
1772	N	N	300	2.0	100	.15	50	.70	700	N
					Wiseman D1--continued					
942	10	N	1,000	1.5	70	.10	30	1.00	2,000	N
969	5	N	700	1.5	200	3.00	70	1.50	700	N
970	N	N	700	2.0	150	.30	70	1.50	700	N
972	5	N	300	1.5	70	.15	70	1.50	1,000	N
1039	7	N	1,500	1.0	70	.50	30	1.50	1,500	N
1042	5	N	500	1.0	70	2.00	20	1.50	1,000	N
1043	10	N	700	1.5	150	.10	50	1.50	700	N
1045	N	N	500	1.0	100	.15	30	2.00	700	N
1046	10	N	700	2.0	100	.05	N	.70	500	N
1047	5	N	700	1.5	100	.50	50	1.00	1,500	N
1048	10	N	1,000	1.5	100	.10	30	1.00	1,500	N
1049	5	N	700	1.5	150	.20	50	2.00	700	N
1050	7	N	500	1.0	150	2.00	30	2.00	1,000	N
1051	N	N	500	2.0	100	.20	30	2.00	700	N
1052	5	N	500	1.5	150	.30	50	2.00	500	N
1053	N	N	300	1.0	100	.50	30	2.00	1,000	N
1054	N	N	700	2.0	150	.70	70	1.50	700	N
1055	7	10	700	1.5	150	3.00	70	1.00	700	N
1056	10	N	700	1.5	100	.15	N	1.50	1,000	N
1057	7	N	500	2.0	150	5.00	50	1.50	700	N
1058	7	N	700	1.5	100	1.50	50	1.00	1,000	N
1059	5	N	300	1.0	100	5.00	50	1.50	700	N
1061	N	N	500	1.5	150	.10	70	.70	700	N
1065	N	N	300	1.5	70	.15	50	1.50	700	N
1067	10	N	500	1.5	100	.10	70	1.50	700	N
1068	N	N	700	2.0	100	.10	70	1.50	700	N
1069	<5	N	500	1.5	100	.30	70	1.50	700	N
1070	7	N	500	1.0	100	1.00	70	2.00	2,000	N
1071	N	N	700	1.0	100	3.00	50	1.50	1,000	N
1071A	<5	N	500	1.0	100	3.00	50	1.00	1,500	N
1072	10	N	700	1.5	100	.10	100	1.50	1,000	N
1073	N	N	500	1.5	100	2.00	70	2.00	1,000	N
1074	N	N	500	2.0	100	3.00	50	1.50	500	N
1075	N	N	300	1.0	70	2.00	N	1.50	1,000	N
1076	5	N	300	1.5	100	1.00	70	1.00	1,500	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm	Sr-ppm	Ti-pct.	Th-ppm	V-ppm	W-ppm	W-ppm	Y-ppm	Zr-ppm
	s	s	s	s	s	s	em	s	s
1768	10	150	.200	N	100	N	--	20	100
1769	10	N	.300	N	100	N	--	30	100
1770	10	N	.300	N	100	N	--	30	100
1771	15	100	.500	N	150	N	--	30	100
1772	15	100	.300	N	100	N	--	20	100
				Wiseman D1--continued					
942	15	N	.300	N	200	N	1.5	30	150
969	20	200	.700	N	200	N	1.5	50	200
970	20	150	1.000	N	150	N	2.0	50	300
972	20	100	>1.000	N	150	N	2.0	50	300
1039	15	100	.500	N	300	N	3.0	30	150
1042	15	150	.500	N	150	N	3.5	20	200
1043	15	100	.300	N	300	N	3.0	30	150
1045	20	N	.300	N	200	N	2.5	20	150
1046	15	N	.200	N	300	N	3.5	50	150
1047	20	150	.300	N	150	N	3.0	30	200
1048	10	N	.500	N	150	N	3.5	20	300
1049	30	100	.500	N	300	N	2.5	30	200
1050	30	200	.300	N	200	N	1.5	30	100
1051	20	N	.500	N	150	N	3.5	30	150
1052	30	100	.500	N	200	N	4.0	30	200
1053	30	100	.700	N	150	N	1.5	30	150
1054	30	150	.700	N	200	N	4.5	50	300
1055	20	200	.700	N	150	N	2.5	50	300
1056	15	N	.300	N	200	N	1.5	30	200
1057	20	200	.500	N	200	N	2.0	50	300
1058	15	150	.300	N	300	N	1.0	30	300
1059	15	200	.300	N	150	N	1.0	30	300
1061	20	150	.700	N	150	N	2.0	30	200
1065	20	100	.700	N	200	N	1.5	30	200
1067	20	100	.700	N	150	N	1.5	50	200
1068	20	100	.700	N	150	N	1.5	50	300
1069	20	100	.700	N	150	N	1.5	30	300
1070	20	150	.500	N	150	N	1.0	50	300
1071	15	150	.300	N	150	N	1.0	30	200
1071A	15	150	.300	N	150	N	1.0	50	150
1072	15	<100	.300	N	150	N	1.0	30	150
1073	20	150	.700	N	200	N	1.0	30	200
1074	15	150	.300	N	150	N	1.0	30	200
1075	20	150	.500	N	150	N	.5	30	150
1076	15	200	.700	N	200	N	1.5	50	300

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1077	67 45 15	150 7 24	N	2	N	10	--	N	N	.7	70
1104	67 45 46	150 19 54	N	<1	N	10	--	N	N	N	50
1105	67 46 41	150 17 41	N	<1	N	<5	--	N	N	N	20
1106	67 46 20	150 17 26	N	<1	N	<5	--	N	N	N	30
1651	67 54 36	150 26 42	N	3	N	10	--	N	--	<.5	70
2232	67 58 28	150 29 11	N	<2	N	10	.04	N	--	N	30
2233	67 58 36	150 28 54	N	<2	N	10	.06	N	--	N	50
2236	67 52 58	150 11 57	N	7	N	20	.16	N	--	<.5	100
2238	67 52 46	150 12 3	N	3	N	10	.08	N	--	<.5	100
2252	67 56 16	150 29 18	N	<2	N	25	.12	N	--	N	50
2253	67 56 18	150 28 57	N	<2	N	20	.24	N	--	N	20
2254	67 56 41	150 28 40	N	<2	N	15	.06	N	--	N	50
2256	67 56 47	150 14 50	N	3	N	20	.18	N	--	N	30
				Wiseman D2--continued							
935	67 45 14	150 58 38	N	7	N	15	.06	N	N	.7	200
937	67 45 6	150 49 12	N	3	N	10	.10	N	N	N	50
938	67 46 24	150 54 6	N	4	N	10	.06	N	N	N	50
939	67 46 30	150 56 0	N	3	N	20	.10	N	N	N	150
940	67 48 21	150 52 40	N	3	N	10	.06	N	N	<.5	100
941	67 48 33	150 53 36	N	<1	N	5	.02	N	N	N	30
943	67 51 30	150 52 6	N	2	N	10	.06	N	N	N	50
944	67 50 48	150 54 36	N	1	N	10	.06	N	<.05	N	70
945	67 50 0	150 59 13	N	4	N	15	<.02	N	N	1.0	70
946	67 52 12	150 52 46	N	<1	N	5	--	N	N	N	50
947	67 52 50	150 50 32	N	6	N	15	.14	N	N	.5	70
948	67 51 0	150 43 36	N	5	N	10	.08	N	N	N	70
949	67 51 9	150 43 18	N	4	N	15	.04	N	N	N	50
950	67 59 0	150 50 12	N	<1	N	5	--	N	N	N	30
951	67 59 3	150 49 48	N	<1	N	5	--	N	N	N	50
952	67 57 48	150 48 0	N	<1	N	<5	--	N	N	N	50
953	67 59 24	150 54 54	N	<1	N	5	--	N	N	N	50
954	67 59 3	150 58 32	N	<1	N	5	--	N	N	N	50
955	67 58 36	150 48 54	N	<1	N	5	--	N	N	N	50
956	67 56 56	150 51 28	N	<1	N	5	--	N	N	N	70
957	67 55 20	150 57 48	N	<1	N	10	--	N	N	N	30
958	67 55 18	150 46 6	N	<1	N	5	--	N	<.05	N	50
959	67 54 54	150 51 48	N	<1	N	5	--	N	N	N	70
963	67 55 47	150 43 26	N	<1	N	5	--	N	N	N	70
964	67 55 38	150 42 34	N	<1	N	5	--	N	N	N	70

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
1077	15	1,000	70	N	.10	N	<1	3.0	30	100	100
1104	10	N	85	N	.15	N	<1	5.0	20	30	70
1105	15	N	60	N	.15	N	<1	3.0	15	50	100
1106	15	N	60	N	.10	N	<1	3.0	15	30	100
1651	30	300	190	<20	3.90	N	--	5.0	50	150	100
2232	10	N	95	N	.10	N	--	2.0	20	50	70
2233	15	<200	110	N	.10	N	--	2.0	20	70	70
2236	15	700	750	<20	4.80	N	--	2.0	30	100	50
2238	20	300	180	N	1.40	N	--	3.0	30	50	50
2252	10	<200	100	N	.30	N	--	3.0	20	50	70
2253	10	<200	200	N	1.00	N	--	2.0	20	50	50
2254	20	<200	120	N	.20	N	--	3.0	20	50	70
2256	70	<200	160	N	.30	N	--	3.0	20	50	70
					Wiseman D2--continued						
935	30	2,000	1,300	20	9.20	N	<1	3.0	30	150	150
937	30	700	400	N	2.30	N	<1	5.0	15	50	70
938	30	700	400	N	1.90	N	<1	3.0	20	70	70
939	20	1,000	780	N	7.80	N	<1	7.0	70	200	150
940	20	3,000	1,400	N	12.00	N	<1	5.0	70	150	100
941	10	N	100	N	.40	N	<1	5.0	15	70	100
943	30	200	180	N	1.20	N	<1	5.0	20	100	150
944	30	500	420	N	2.40	N	<1	5.0	20	100	150
945	20	700	640	N	4.10	N	<1	5.0	20	150	150
946	30	<200	190	N	.60	N	<1	5.0	20	50	100
947	15	300	400	N	2.10	N	<1	5.0	20	100	200
948	50	300	300	N	1.90	N	<1	5.0	20	100	150
949	20	N	130	N	.35	N	<1	3.0	30	150	150
950	15	N	110	N	.30	N	<1	7.0	20	70	150
951	30	200	120	N	.20	N	<1	5.0	20	70	150
952	20	N	110	N	.20	N	<1	7.0	20	70	150
953	20	300	120	N	.20	N	<1	7.0	20	100	150
954	10	N	100	N	.25	N	<1	3.0	20	70	150
955	20	N	95	N	.25	N	<1	5.0	20	70	150
956	30	<200	120	N	.20	N	<1	7.0	30	100	150
957	20	<200	120	N	1.00	N	<1	2.0	20	70	100
958	10	N	90	N	.30	N	<1	7.0	30	200	300
959	30	200	120	N	.25	N	<1	5.0	15	70	150
963	30	N	120	N	.15	N	<1	3.0	20	70	150
964	15	N	70	N	.25	N	<1	5.0	30	70	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm (s)	Sn-ppm (s)	Ba-ppm (s)	Be-ppm (s)	B-ppm (s)	Ca-pct. (s)	La-ppm (s)	Mg-pct. (s)	Mn-ppm (s)	Nb-ppm (s)
1077	15	N	1,000	1.5	70	.20	20	1.50	1,000	N
1104	N	N	300	2.0	150	.20	N	.70	1,500	N
1105	N	N	500	2.0	100	5.00	30	1.50	700	N
1106	N	N	300	1.5	100	3.00	30	1.50	700	N
1651	N	N	300	3.0	150	.10	30	1.50	1,500	N
2232	N	N	200	2.0	100	.07	20	.50	500	N
2233	N	N	200	2.0	100	.07	50	.70	700	N
2236	7	N	500	2.0	100	.10	N	1.00	1,500	N
2238	5	N	300	2.0	150	.10	20	1.00	2,000	N
2252	N	N	200	1.0	100	3.00	N	2.00	1,000	N
2253	N	N	200	1.5	100	1.00	20	1.00	500	N
2254	N	N	500	3.0	100	.20	50	1.00	700	<20
2256	N	N	500	3.0	100	.50	30	1.00	500	N
Wiseman D2--continued										
935	10	N	700	1.0	100	.10	70	1.50	2,000	N
937	7	N	500	2.0	150	1.00	50	1.50	700	N
938	5	N	500	1.5	100	.70	50	1.00	1,000	N
939	10	N	300	1.0	100	.30	70	1.50	5,000	N
940	15	N	700	1.0	100	.30	50	1.50	5,000	N
941	7	N	300	1.0	150	.30	30	1.50	1,500	N
943	5	N	500	1.5	100	.15	20	1.50	1,000	N
944	15	N	500	1.5	150	.20	30	.70	1,500	N
945	10	N	700	1.0	100	.15	50	2.00	1,000	N
946	5	N	500	2.0	100	.20	50	1.00	1,500	N
947	5	N	700	1.0	70	.30	50	2.00	1,000	N
948	15	N	700	1.0	150	.15	20	2.00	1,500	N
949	10	N	500	1.0	100	.15	50	2.00	1,000	N
950	N	N	500	2.0	150	1.50	150	1.50	1,500	N
951	N	N	300	2.0	100	.15	50	1.00	700	N
952	10	N	500	1.5	100	.70	70	1.00	1,000	N
953	N	N	700	1.5	150	.10	70	1.50	700	N
954	N	N	500	1.5	100	.10	50	.70	1,000	N
955	5	N	500	1.5	150	.10	70	.70	700	N
956	N	N	700	1.0	150	.15	70	1.00	700	N
957	N	N	700	2.0	100	.10	70	1.00	700	N
958	<5	N	300	<1.0	70	2.00	N	3.00	1,000	N
959	7	N	700	1.5	100	.15	50	1.50	700	N
963	N	N	500	2.0	200	.15	70	1.00	1,000	N
964	N	N	300	N	100	3.00	N	3.00	1,500	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm	Sr-ppm	Ti-pct.	Th-ppm	V-ppm	W-ppm	W-ppm	Y-ppm	Zr-ppm
	s	s	s	s	s	s	cm	s	s
1077	15	100	.300	N	500	N	1.0	30	150
1104	15	100	.300	N	100	N	--	30	200
1105	10	200	.300	N	100	N	--	30	200
1106	10	200	.300	N	100	N	--	50	200
1651	20	<100	.200	N	150	N	--	20	70
2232	15	100	.200	N	100	N	2.5	30	100
2233	20	100	.300	N	150	N	2.0	30	70
2236	10	<100	.200	N	200	N	1.5	20	50
2238	10	N	.200	N	150	N	1.5	30	50
2252	20	150	.200	N	200	N	50.0	20	30
2253	10	<100	.200	N	100	N	1.5	20	50
2254	20	100	.300	N	150	N	10.0	30	100
2256	15	100	.200	N	150	N	2.0	20	100
				Wiseman D2--continued					
935	15	N	.500	N	300	N	2.0	30	300
937	15	150	.500	N	150	N	1.5	50	300
938	10	<100	.300	N	100	N	1.5	30	200
939	15	N	.700	N	150	N	1.5	50	150
940	15	100	.500	N	300	N	1.5	50	150
941	15	N	.500	N	150	N	1.5	20	200
943	20	N	.500	N	200	N	1.5	20	200
944	20	100	.500	N	200	N	2.0	30	300
945	20	<100	.500	N	300	N	1.5	20	150
946	15	150	.700	N	150	N	2.0	30	300
947	20	N	.500	N	200	N	2.0	15	100
948	15	N	.500	N	500	N	1.5	20	150
949	15	N	.300	N	200	<50	1.5	20	150
950	20	200	.700	N	150	N	1.5	30	300
951	20	100	.500	N	200	N	1.5	50	300
952	20	150	.700	N	200	N	1.5	50	300
953	30	100	.700	N	200	N	1.5	50	200
954	15	N	1.000	N	150	N	1.5	30	300
955	20	<100	1.000	N	100	<50	1.5	50	300
956	30	100	>1.000	N	150	N	2.0	50	300
957	20	N	1.000	N	150	N	1.5	50	200
958	30	150	1.000	N	200	N	1.0	50	300
959	20	100	>1.000	N	150	<50	2.0	30	100
963	20	100	.500	N	150	N	2.0	50	300
964	30	150	.300	N	300	N	.5	30	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
965	67 53 36	150 38 13	N	4	N	20	.10	N	N	<.5	70
966	67 56 26	150 40 15	N	<1	N	5	--	N	N	N	50
967	67 55 48	150 38 24	N	<1	N	10	--	N	N	N	50
968	67 56 15	150 35 24	N	1	N	10	--	N	N	N	50
971	67 58 26	150 30 38	N	<1	N	5	--	N	N	N	70
1031	67 45 48	150 36 36	N	6	N	10	--	N	N	N	70
1032	67 45 35	150 34 21	N	5	N	15	--	N	N	N	70
1033	67 45 15	150 34 54	N	2	N	10	--	N	N	N	50
1034	67 46 53	150 31 19	N	2	N	15	--	N	N	N	50
1035	67 48 14	150 32 25	N	3	N	20	.06	N	N	N	100
1036	67 49 2	150 33 50	N	12	N	30	.16	N	N	1.0	150
1037	67 49 36	150 37 25	N	14	N	40	.18	N	N	1.5	150
1038	67 49 18	150 37 37	N	12	N	40	.12	N	N	1.0	100
1040	67 51 13	150 32 17	N	14	N	40	.04	N	N	N	100
1041	67 50 57	150 33 1	N	9	N	50	.06	N	N	N	100
1044	67 53 2	150 30 11	N	4	N	10	.04	N	N	N	70
1062	67 59 52	150 34 13	N	<1	N	5	--	N	N	N	50
2123	67 45 38	150 59 36	N	6	N	15	.06	N	--	<.5	50
2201	67 46 41	150 57 5	N	4	N	25	.08	N	--	N	150
2206	67 45 25	150 59 31	N	14	N	25	.08	N	--	<.5	70
2239	67 51 1	150 34 22	N	10	N	65	.14	N	--	<.5	150
2240	67 51 11	150 33 55	N	12	N	50	.04	N	--	N	70
2257	67 51 1	150 32 17	N	13	N	60	.06	N	--	N	100
		Wiseman D3--continued									
782	67 46 23	151 28 19	N	<1	N	15	--	N	N	N	30
783	67 45 36	151 28 57	N	<1	N	10	--	N	N	N	20
898	67 45 10	151 23 46	N	7	N	15	--	N	N	<.5	50
899	67 48 24	151 23 0	N	<1	N	<5	--	N	N	N	30
900	67 48 24	151 23 30	N	<1	N	<5	--	N	N	N	30
902	67 49 53	151 27 48	N	<1	N	<5	--	N	N	N	30
903	67 51 27	151 22 24	N	<1	N	<5	--	N	N	N	30
904	67 51 24	151 22 48	N	<1	N	<5	--	N	N	N	50
905	67 50 0	151 23 26	N	<1	N	<5	--	N	N	N	30
906	67 53 30	151 16 36	N	<1	N	5	--	N	N	N	30
907	67 53 30	151 17 0	N	1	N	10	--	N	N	N	30
908	67 49 14	151 18 20	N	1	N	5	--	N	N	N	30
909	67 51 15	151 15 48	N	1	N	<5	--	N	N	N	50
910	67 47 18	151 18 24	N	4	N	10	--	N	N	<.5	70
911	67 45 30	151 18 45	N	2	N	10	--	N	N	N	30

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
965	15	300	190	N	1.20	N	<1	5.0	20	70	150
966	30	N	110	N	.10	N	<1	5.0	20	70	150
967	20	N	90	N	.30	N	<1	5.0	30	70	150
968	10	N	110	N	.30	N	<1	7.0	30	150	150
971	20	N	110	N	.10	N	<1	7.0	30	70	150
1031	30	700	350	N	2.80	N	<1	5.0	20	70	100
1032	10	500	230	N	1.40	N	<1	5.0	20	70	100
1033	30	<200	110	N	.30	N	<1	7.0	20	70	150
1034	20	N	100	N	.55	N	<1	5.0	15	30	70
1035	20	1,000	610	N	6.00	N	<1	7.0	30	100	100
1036	15	1,500	940	N	10.00	10	<1	3.0	30	150	100
1037	20	2,000	810	N	8.70	N	<1	3.0	30	150	70
1038	10	2,000	830	N	8.40	N	<1	3.0	20	100	70
1040	20	N	130	N	1.30	N	<1	10.0	50	150	150
1041	10	<200	130	N	1.00	N	<1	7.0	30	100	150
1044	10	<200	110	N	.40	N	<1	7.0	20	150	150
1062	15	<200	110	N	.10	N	<1	7.0	20	70	100
2123	20	300	390	<20	3.40	N	--	2.0	20	70	50
2201	15	500	6,200	<20	6.70	N	--	2.0	50	100	30
2206	15	1,500	2,300	30	18.20	N	--	2.0	70	100	20
2239	20	200	160	N	1.60	N	--	5.0	50	70	70
2240	20	<200	120	N	.70	N	--	3.0	30	50	70
2257	20	200	160	N	2.00	N	--	5.0	50	70	70
					Wiseman D3--continued						
782	15	N	150	N	.20	N	--	5.0	20	50	100
783	15	N	130	N	.15	N	--	3.0	20	50	100
898	10	700	450	N	3.20	<10	<1	2.0	15	70	50
899	15	N	110	N	.10	N	<1	7.0	30	70	100
900	15	N	110	N	.20	N	<1	7.0	30	50	100
902	15	N	110	N	.15	N	<1	5.0	20	50	100
903	20	N	90	N	.10	N	<1	3.0	20	50	100
904	15	N	90	N	.05	N	<1	7.0	30	70	150
905	20	N	130	N	.15	N	<1	5.0	20	70	100
906	20	<200	160	N	.75	N	<1	5.0	20	50	100
907	30	<200	140	N	1.20	N	<1	3.0	20	50	100
908	30	N	130	N	.30	N	<1	7.0	30	70	150
909	30	N	150	N	.25	N	<1	3.0	20	50	100
910	20	1,500	950	N	6.40	N	<1	3.0	30	150	100
911	30	<200	150	N	.40	N	<1	5.0	15	70	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
965	5	N	500	1.0	100	.10	20	1.50	1,000	N
966	N	N	300	1.5	70	.15	50	1.50	1,000	N
967	N	N	700	1.0	150	7.00	50	2.00	1,000	N
968	10	N	500	1.5	200	.70	50	2.00	700	N
971	N	N	500	1.5	100	.20	70	1.50	1,500	N
1031	7	N	700	1.5	100	.20	50	1.50	1,000	N
1032	10	N	1,000	1.0	70	.20	30	1.50	1,000	N
1033	7	N	500	1.5	100	.30	30	1.00	700	N
1034	5	N	700	1.0	70	.15	20	1.00	1,000	N
1035	7	N	700	1.0	70	.70	50	1.50	1,500	N
1036	15	N	1,000	<1.0	50	.10	N	.70	1,500	N
1037	20	N	1,000	<1.0	50	.10	N	.70	1,000	N
1038	10	N	1,000	1.0	50	.07	N	1.00	1,000	N
1040	N	N	500	N	50	.70	N	2.00	2,000	N
1041	N	N	500	1.0	50	.20	N	2.00	1,500	N
1044	N	N	500	1.0	100	.20	50	2.00	700	N
1062	N	N	500	2.0	100	.10	70	1.00	700	N
2123	5	N	700	2.0	100	.07	100	1.00	1,000	N
2201	5	N	200	2.0	70	.15	50	1.00	3,000	N
2206	7	N	500	1.5	100	.05	70	.70	2,000	N
2239	5	N	150	2.0	70	.15	20	1.00	2,000	N
2240	N	N	200	1.5	100	.20	N	1.50	1,500	N
2257	N	N	200	1.5	100	.30	N	1.50	2,000	N
Wiseman D3--continued										
782	<5	N	300	1.5	150	.15	30	.70	1,000	N
783	N	N	300	1.5	100	.10	30	1.00	700	N
898	10	N	1,000	1.0	100	.50	N	.70	500	20
899	N	N	300	1.5	70	.10	50	1.00	1,500	N
900	N	N	500	1.5	70	.10	30	1.00	1,500	N
902	N	N	500	1.5	100	1.00	30	.70	700	N
903	N	N	500	2.0	100	.15	50	1.00	1,000	N
904	N	N	500	1.0	70	1.00	50	1.00	1,500	N
905	N	N	500	1.5	150	1.00	70	.70	700	N
906	N	N	500	2.0	150	3.00	50	1.50	700	N
907	N	N	500	2.0	100	.07	30	.70	1,000	N
908	N	N	500	1.5	150	.10	70	1.00	1,000	20
909	N	N	700	2.0	150	.07	70	.50	500	20
910	7	N	1,000	1.0	70	.07	N	1.00	1,500	N
911	N	N	500	2.0	150	.10	30	.70	700	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm em	Y-ppm s	Zr-ppm s
965	20	N	.300	N	200	N	1.5	30	150
966	20	100	.500	N	200	N	2.0	50	300
967	20	200	.700	N	200	N	1.0	50	150
968	20	<100	.500	N	200	<50	1.0	30	200
971	20	100	>1.000	N	150	N	2.5	50	300
1031	15	N	.300	N	200	N	2.5	30	200
1032	15	<100	.500	N	500	N	2.5	30	150
1033	20	150	.500	N	200	N	2.5	30	200
1034	15	<100	.300	N	200	N	2.5	30	150
1035	15	100	.300	N	300	N	3.0	50	300
1036	10	N	.300	N	700	N	4.0	20	100
1037	10	N	.300	N	1,000	N	3.5	20	100
1038	7	N	.300	N	500	N	3.0	15	70
1040	20	N	.500	N	300	N	3.5	20	150
1041	20	<100	.300	N	200	N	3.5	15	100
1044	20	<100	.300	N	200	N	3.0	30	150
1062	20	100	.500	N	150	N	2.0	30	200
2123	10	<100	.200	N	200	N	2.0	20	50
2201	10	100	.150	N	200	N	1.5	30	50
2206	7	N	.150	N	200	N	2.0	30	50
2239	15	<100	.200	N	150	N	2.0	30	50
2240	20	100	.200	N	150	N	1.5	20	30
2257	20	100	.200	N	150	N	27.0	20	30
			Wiseman D3--continued						
782	15	100	.200	N	150	N	--	20	150
783	15	100	.300	N	200	N	--	30	200
898	15	N	.300	N	300	N	1.0	50	150
899	20	100	.500	N	150	N	1.0	30	200
900	20	100	.700	N	150	N	1.0	30	300
902	20	<100	.500	N	150	N	1.0	30	300
903	20	100	.500	N	150	N	1.0	30	200
904	20	150	1.000	N	200	N	1.0	30	300
905	30	150	>1.000	N	150	N	1.0	70	200
906	20	200	.700	N	150	N	1.0	50	200
907	15	N	.700	N	100	N	1.0	30	200
908	30	100	>1.000	N	200	N	1.5	30	300
909	20	150	.500	N	150	N	1.5	30	200
910	15	N	.500	N	300	N	1.0	30	150
911	20	150	.700	N	150	N	1.0	30	200

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
912	67 45 45	151 17 0	N	10	N	15	.12	N	N	1.0	100
913	67 45 54	151 16 48	N	10	N	20	.14	N	N	1.5	70
914	67 47 38	151 15 0	N	10	N	20	--	N	N	1.0	70
915	67 47 43	151 15 26	N	1	N	5	--	N	N	N	30
916	67 47 36	151 10 44	N	7	N	10	--	N	N	.7	150
917	67 47 30	151 11 10	N	2	N	15	--	N	N	N	50
918	67 48 38	151 9 20	N	3	N	10	--	N	N	<.5	50
919	67 49 30	151 6 22	N	2	N	5	--	N	N	N	50
920	67 48 48	151 6 24	N	6	N	15	--	N	N	.5	70
921	67 49 9	151 6 21	N	3	N	10	--	N	N	<.5	70
922	67 49 18	151 5 12	N	5	N	10	--	N	N	.7	70
923	67 47 30	151 5 0	N	7	N	15	.08	N	N	.7	70
924	67 47 36	151 4 24	N	6	N	20	.06	N	<.05	1.0	70
925	67 50 51	151 7 48	N	1	N	5	--	N	N	N	50
926	67 49 6	151 4 0	N	2	N	10	--	N	N	N	50
927	67 50 18	151 1 24	N	2	N	10	--	N	N	N	50
928	67 50 30	151 0 2	N	1	N	5	--	N	N	N	70
929	67 50 18	151 0 12	N	3	N	10	--	N	N	N	50
931	67 52 16	151 2 12	N	2	N	5	--	N	N	N	50
932	67 52 12	151 3 0	N	2	N	5	--	N	N	N	70
933	67 53 27	151 7 40	N	1	N	5	--	N	N	N	50
934	67 53 28	151 8 9	N	2	N	5	--	N	N	N	50
960	67 52 40	151 4 14	N	<1	N	5	--	N	N	N	70
961	67 51 56	151 11 54	N	<1	N	5	--	N	N	N	50
962	67 51 15	151 17 48	N	<1	N	5	--	N	N	N	30
973	67 45 5	151 9 50	N	10	N	20	.10	N	N	.5	150
975	67 46 9	151 10 26	N	7	N	15	.06	N	N	.5	100
975A	67 46 9	151 10 26	N	7	N	15	.06	N	N	.7	150
976	67 46 1	151 10 26	N	13	N	20	.10	N	N	1.5	100
977	67 45 32	151 10 38	N	11	N	25	.08	N	N	<.5	150
978	67 45 24	151 11 16	N	9	N	30	.08	N	N	<.5	70
1161	67 57 18	151 6 39	N	<1	N	5	--	N	N	N	20
1162	67 57 39	151 6 27	N	<1	N	10	--	N	N	2.0	30
1163	67 57 30	151 12 12	N	<1	N	10	--	N	N	N	30
1164	67 57 50	151 12 33	N	<1	N	10	--	N	N	N	20
1165	67 57 12	151 13 45	N	<1	N	10	--	N	N	.5	30
1166	67 56 42	151 19 57	N	<1	N	10	--	N	<.05	.5	50
1167	67 57 8	151 19 29	N	<1	N	<5	--	N	N	.7	30
1168	67 57 31	151 19 29	N	<1	N	10	--	N	N	<.5	50
1169	67 57 46	151 24 13	N	<1	N	5	--	N	N	.5	30
1170	67 57 5	151 26 35	N	<1	N	10	--	N	N	.5	30
1171	67 57 34	151 28 35	N	<1	N	5	--	N	N	.5	20
1660	67 53 40	151 29 25	N	N	N	10	--	N	--	N	20
1661	67 53 58	151 29 26	N	N	N	20	--	N	--	N	20
1663	67 56 55	151 28 47	N	N	N	15	--	N	--	N	20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
912	20	1,500	850	N	4.90	N	<1	3.0	50	100	70
913	20	1,500	900	N	5.20	N	<1	3.0	20	150	100
914	20	700	500	N	2.90	N	<1	2.0	30	70	70
915	15	N	140	N	.60	N	<1	3.0	20	70	100
916	15	1,000	800	N	9.90	N	<1	3.0	50	150	150
917	10	200	200	N	1.40	N	<1	7.0	20	70	100
918	10	300	280	N	1.70	N	<1	5.0	20	70	100
919	20	N	140	N	.50	N	<1	7.0	30	100	150
920	20	700	520	N	4.10	N	<1	7.0	30	150	150
921	30	200	170	N	1.40	N	<1	7.0	20	70	150
922	30	700	420	N	3.40	N	<1	5.0	30	150	150
923	50	700	480	N	3.50	N	<1	5.0	20	100	100
924	30	1,000	650	N	4.10	N	<1	7.0	30	200	200
925	15	N	110	N	.25	N	<1	5.0	15	50	100
926	20	N	400	N	2.40	N	<1	5.0	20	100	150
927	30	500	300	N	1.50	N	<1	3.0	15	100	100
928	30	300	190	N	1.10	N	<1	5.0	30	100	100
929	30	500	320	N	2.20	N	<1	3.0	20	150	150
931	30	N	140	N	.25	N	<1	5.0	30	70	150
932	30	N	120	N	.25	N	<1	7.0	20	70	150
933	20	<200	120	N	.15	N	<1	5.0	20	70	150
934	15	N	100	N	.15	N	<1	7.0	20	70	150
960	30	<200	120	N	.20	N	<1	5.0	20	70	200
961	30	<200	130	N	.35	N	<1	3.0	20	50	150
962	30	N	120	N	.35	N	<1	3.0	20	70	150
973	30	3,000	2,500	30	17.00	10	<1	3.0	70	150	100
975	20	2,000	960	N	12.00	N	<1	5.0	30	150	150
975A	50	3,000	2,000	70	16.00	N	<1	5.0	50	200	200
976	30	500	330	N	2.40	N	<1	7.0	20	50	100
977	20	3,000	2,000	50	16.00	N	<1	3.0	50	150	150
978	20	1,500	720	N	8.10	N	<1	3.0	30	100	100
1161	15	N	140	N	6.70	N	<1	1.0	10	70	200
1162	30	200	200	N	4.00	N	<1	5.0	20	100	150
1163	20	<200	130	N	2.50	N	<1	3.0	15	70	100
1164	15	N	110	N	1.00	N	<1	3.0	20	50	100
1165	30	<200	140	N	4.60	N	<1	3.0	20	100	150
1166	20	200	200	N	4.50	N	<1	5.0	20	100	150
1167	15	<200	150	N	3.20	N	<1	3.0	15	70	150
1168	20	N	100	N	1.10	N	<1	7.0	20	70	150
1169	15	N	130	N	2.80	N	<1	3.0	15	50	150
1170	20	<200	170	N	2.50	N	<1	5.0	20	70	150
1171	30	200	600	N	3.80	N	<1	2.0	15	50	150
1660	20	N	70	N	.30	N	--	2.0	20	50	50
1661	20	N	85	N	.80	N	--	2.0	15	30	30
1663	30	200	120	N	1.30	N	--	2.0	15	50	30

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
912	15	N	700	1.0	100	.15	N	1.50	1,500	N
913	15	N	300	1.0	70	.15	N	1.00	1,000	N
914	15	N	500	1.0	100	.05	N	1.00	1,500	N
915	5	N	1,500	1.5	70	.10	30	1.00	700	N
916	7	N	500	2.0	100	.05	50	2.00	2,000	N
917	5	N	700	1.5	100	.15	20	1.50	2,000	N
918	7	N	700	1.5	150	1.00	30	1.00	1,000	N
919	10	N	700	1.5	100	.15	50	1.00	1,500	N
920	7	N	500	1.5	100	.10	30	2.00	1,500	N
921	5	N	700	1.5	150	.20	70	1.50	1,000	N
922	15	N	500	1.5	100	.10	70	2.00	1,500	N
923	10	N	300	1.5	150	.05	150	1.50	1,000	N
924	15	N	500	1.5	100	.07	50	2.00	1,500	N
925	N	N	500	1.5	100	.15	50	1.00	1,000	N
926	5	N	500	2.0	100	.15	50	1.00	1,000	N
927	20	N	700	1.0	100	.15	N	1.50	1,500	N
928	5	N	700	1.5	150	.15	70	1.00	1,500	N
929	10	N	700	1.0	100	.15	50	1.50	1,000	N
931	N	N	700	1.0	150	.15	70	1.00	1,000	30
932	N	N	700	1.0	100	.20	100	1.00	700	N
933	N	N	700	1.5	150	.10	50	1.00	700	N
934	10	N	500	1.5	100	.10	70	1.00	1,000	N
960	10	N	700	1.5	150	.15	100	1.00	1,000	N
961	5	N	500	1.5	200	.10	70	1.00	700	N
962	N	N	500	1.0	70	.15	70	1.50	700	N
973	10	N	700	1.5	70	.05	70	1.00	2,000	N
975	10	N	700	2.0	70	.07	70	1.50	2,000	N
975A	10	N	1,000	1.5	100	.10	50	2.00	2,000	N
976	15	N	1,000	2.0	100	.05	70	1.50	1,000	N
977	15	N	500	1.5	100	.07	70	1.50	2,000	N
978	10	N	700	1.5	70	.07	70	1.00	1,500	N
1161	7	N	200	1.0	70	5.00	50	5.00	300	N
1162	N	N	700	2.0	70	7.00	50	2.00	700	N
1163	N	N	500	1.5	100	7.00	50	2.00	500	N
1164	N	N	300	1.5	70	1.00	30	1.00	700	N
1165	5	N	700	1.5	150	3.00	70	1.50	700	N
1166	7	N	3,000	1.5	150	2.00	50	1.00	500	N
1167	<5	N	2,000	1.0	100	7.00	30	2.00	700	N
1168	N	N	500	1.5	100	3.00	50	2.00	1,000	N
1169	5	N	1,000	1.5	70	5.00	50	2.00	700	N
1170	N	N	500	1.5	100	3.00	50	1.50	500	N
1171	N	N	700	1.0	100	7.00	50	2.00	500	N
1660	N	N	200	2.0	70	.07	<20	.30	500	N
1661	N	N	200	1.5	50	.05	N	.30	1,000	N
1663	N	N	300	2.0	70	.05	N	.50	1,000	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm (s)	Sr-ppm (s)	Ti-pct. (s)	Th-ppm (s)	V-ppm (s)	W-ppm (s)	W-ppm (em)	Y-ppm (s)	Zr-ppm (s)
912	15	N	.300	N	500	N	1.5	50	200
913	15	N	.300	N	500	N	1.5	30	200
914	10	N	.300	N	500	N	1.0	30	150
915	15	100	.300	N	200	N	1.0	30	150
916	10	N	.300	N	150	N	2.0	30	200
917	15	N	.500	N	150	N	1.0	20	150
918	15	100	.300	N	200	N	1.0	30	150
919	20	100	.700	N	150	N	1.0	50	300
920	15	N	.500	N	200	N	1.0	30	200
921	20	100	.700	N	150	N	1.0	70	500
922	15	N	.500	N	150	N	1.5	30	200
923	15	N	.500	N	200	N	1.5	50	300
924	20	N	.300	N	300	N	1.5	50	200
925	15	<100	.700	N	150	N	1.0	50	300
926	20	100	.700	N	150	N	1.0	70	500
927	15	N	.500	N	150	N	1.5	30	200
928	20	150	.700	N	200	N	1.1	50	500
929	15	N	.500	N	150	N	1.5	30	200
931	20	200	.700	N	150	N	1.5	70	700
932	15	150	.500	N	150	N	2.0	50	300
933	15	100	.700	N	200	N	2.0	30	300
934	15	<100	.700	N	150	<50	2.0	30	300
960	30	150	>1.000	N	200	N	2.5	70	200
961	20	100	>1.000	N	200	N	2.0	70	500
962	20	<100	>1.000	N	200	N	1.5	50	300
973	15	N	.300	N	300	<50	1.5	50	150
975	10	N	.300	N	300	N	2.0	30	200
975A	15	N	.500	N	500	N	.5	30	150
976	15	<100	.500	N	700	N	3.0	50	200
977	15	N	.300	N	500	N	1.5	50	200
978	15	N	.500	N	300	N	1.5	30	150
1161	10	200	.100	N	150	N	--	50	100
1162	20	100	.500	N	200	N	--	30	150
1163	15	150	.300	N	200	N	--	30	150
1164	15	100	.300	N	150	N	--	30	200
1165	15	200	.300	N	150	N	--	50	150
1166	15	150	.300	N	150	N	--	50	150
1167	15	150	.300	N	100	N	--	30	100
1168	15	100	.500	N	150	N	--	30	200
1169	15	150	.200	N	100	N	--	20	100
1170	15	100	.300	N	150	N	--	30	150
1171	20	150	.200	N	100	N	--	30	150
1660	10	<100	.300	N	100	N	--	20	150
1661	10	N	.200	N	100	N	--	20	50
1663	10	N	.200	N	100	N	--	20	70

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
2008	67 45 23	151 0 9	N	2	N	<5	--	N	--	N	50
2219	67 46 1	151 10 5	N	20	N	25	.12	N	--	1.0	150
2260	67 47 7	151 5 7	N	8	N	25	.04	N	--	<.5	70
					Wiseman D4--continued						
775	67 46 30	151 51 37	N	<1	N	10	--	N	N	N	30
776	67 46 28	151 50 48	N	1	N	10	--	N	N	N	20
777	67 48 1	151 46 1	N	1	N	5	--	N	N	N	20
778	67 48 19	151 46 23	N	<1	N	10	--	N	N	N	20
780	67 48 19	151 55 47	N	1	N	10	--	N	N	N	30
781	67 47 38	151 35 21	N	<1	N	<5	--	N	N	N	15
784	67 48 47	151 31 6	N	<1	N	5	--	N	N	N	30
785	67 52 52	151 36 14	N	<1	N	10	--	N	N	N	20
786	67 55 40	151 36 14	N	<1	N	15	--	N	N	N	30
787	67 58 20	151 34 41	N	<1	N	10	--	N	N	N	20
788	67 58 32	151 34 8	N	1	N	20	--	N	N	N	20
789	67 58 18	151 33 35	N	<1	N	15	--	N	N	N	20
790	67 54 18	151 32 14	N	<1	N	15	--	N	N	N	30
791	67 50 38	151 36 37	N	<1	N	5	--	N	N	N	20
792	67 58 7	151 41 12	N	<1	N	10	--	N	N	N	15
793	67 57 57	151 41 22	N	<1	N	10	--	N	N	1.0	20
794	67 59 23	151 51 49	N	<1	N	20	--	N	N	N	30
795	67 59 9	151 51 27	N	<1	N	10	--	N	N	<.5	15
796	67 57 49	151 54 15	N	<1	N	20	--	N	N	N	30
797	67 57 41	151 54 59	N	<1	N	15	--	N	N	N	15
1172	67 50 41	151 46 23	N	<1	N	5	--	N	N	N	70
1173	67 51 44	151 51 56	N	<1	N	<5	--	N	N	N	50
1174	67 52 4	151 52 1	N	<1	N	5	--	N	N	N	70
1175	67 52 17	151 55 39	N	<1	N	5	--	N	N	N	20
1176	67 53 43	151 50 57	N	<1	N	5	--	N	N	N	30
1177	67 54 3	151 51 24	N	<1	N	10	--	N	N	.5	30
1652	67 45 37	151 38 35	N	2	N	5	--	N	--	N	50
1653	67 45 48	151 37 25	N	<2	N	5	--	N	--	N	50
1654	67 45 11	151 42 48	N	2	N	5	--	N	--	N	50
1655	67 48 19	151 40 7	N	2	N	5	--	N	--	N	20
1656	67 47 13	151 51 11	N	<2	N	5	--	N	--	N	70
1657	67 53 8	151 32 51	N	N	N	10	--	N	--	N	30
1658	67 54 48	151 35 10	N	N	N	15	--	N	--	N	20
1659	67 55 27	151 32 44	N	N	N	20	--	N	--	N	20
1662	67 57 1	151 34 20	N	<2	N	15	--	N	--	N	30

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
2008	15	N	60	N	.50	N	--	7.0	20	30	100
2219	30	700	670	<20	7.60	N	--	2.0	50	50	30
2260	15	500	820	20	10.70	N	--	2.0	30	70	50
					Wiseman D4--continued						
775	20	N	150	N	.25	N	--	5.0	30	50	150
776	15	N	140	N	.15	N	--	3.0	20	70	100
777	30	N	170	N	.25	N	--	5.0	20	50	100
778	20	N	140	N	.10	N	--	5.0	15	30	70
780	15	N	150	N	.30	N	--	7.0	30	30	150
781	15	N	150	N	.20	N	--	5.0	15	50	100
784	10	N	100	N	.70	N	<1	1.5	5	30	50
785	10	N	95	N	.20	N	<1	5.0	15	50	70
786	15	N	200	N	2.50	N	<1	5.0	30	100	70
787	15	N	85	N	.80	N	<1	5.0	20	50	100
788	10	N	40	N	.15	N	<1	3.0	20	50	70
789	15	N	140	N	1.80	N	<1	2.0	20	70	100
790	15	N	80	N	.30	N	<1	7.0	20	50	100
791	10	N	120	N	.10	N	<1	5.0	20	50	100
792	10	N	50	N	.10	N	<1	3.0	20	50	70
793	15	N	180	N	3.00	N	<1	2.0	10	70	150
794	30	N	140	N	.95	N	<1	3.0	20	70	150
795	15	N	70	N	.35	N	<1	3.0	20	30	100
796	15	N	100	N	.70	N	<1	2.0	20	70	100
797	N	N	110	N	.80	N	<1	3.0	30	50	100
1172	30	<200	100	N	.30	N	<1	7.0	30	70	150
1173	20	N	100	N	.20	N	<1	7.0	30	50	200
1174	15	N	120	N	.15	N	<1	7.0	30	70	150
1175	15	N	65	N	.40	N	<1	3.0	20	50	100
1176	10	N	60	N	.25	N	<1	3.0	20	50	100
1177	15	N	100	N	1.60	N	<1	2.0	20	50	150
1652	30	<200	85	N	.30	N	--	3.0	30	70	70
1653	20	200	85	N	.20	N	--	3.0	20	50	50
1654	30	<200	85	N	.30	N	--	3.0	20	50	50
1655	20	N	90	N	.20	N	--	3.0	20	50	50
1656	30	200	120	N	.30	N	--	3.0	30	70	70
1657	20	N	60	N	.20	N	--	2.0	20	50	50
1658	20	N	70	N	.40	N	--	3.0	15	20	50
1659	20	N	110	N	1.10	N	--	2.0	20	30	30
1662	50	300	250	N	1.40	N	--	3.0	30	70	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
2008	N	N	1,000	3.0	150	.30	30	1.00	700	N
2219	15	N	300	2.0	100	<.05	70	1.00	2,000	N
2260	7	N	300	1.5	70	.05	50	1.00	1,500	N
					Wiseman D4--continued					
775	7	N	300	2.0	150	.15	50	1.00	700	N
776	5	N	500	1.5	150	.10	50	1.00	500	N
777	N	N	500	1.5	100	.10	30	1.00	700	N
778	N	N	500	1.5	150	.10	30	1.00	700	N
780	5	N	500	1.5	100	.10	30	1.00	700	N
781	N	N	700	1.5	150	.10	50	1.00	500	N
784	N	N	300	1.5	70	.50	30	.30	700	N
785	N	N	500	1.0	50	.10	30	.50	700	N
786	<5	N	700	1.0	70	1.50	30	.70	1,500	N
787	5	N	700	1.0	50	5.00	30	1.50	700	N
788	N	N	300	1.5	30	.10	20	.20	700	N
789	N	N	1,000	1.0	70	7.00	30	3.00	700	N
790	N	N	500	1.0	100	.15	50	.70	700	N
791	N	N	500	1.0	100	.10	30	1.50	1,000	N
792	<5	N	300	1.0	50	.10	30	.30	1,000	N
793	5	N	1,500	<1.0	100	20.00	50	2.00	300	N
794	N	N	500	1.0	50	1.00	30	1.00	700	N
795	N	N	500	1.0	50	1.00	30	1.00	700	N
796	N	N	700	1.0	70	2.00	30	1.50	1,000	N
797	N	N	500	1.0	30	.20	30	.50	500	N
1172	N	N	300	1.5	70	.10	30	1.00	1,000	N
1173	N	N	500	1.5	100	.10	50	1.00	1,500	N
1174	N	N	500	1.5	100	.30	50	1.50	1,000	N
1175	N	N	300	1.0	70	.50	30	.70	700	N
1176	N	N	300	1.0	70	.10	30	.30	700	N
1177	N	N	1,000	1.5	100	5.00	50	1.50	700	N
1652	N	N	300	3.0	100	.10	30	.70	1,000	N
1653	N	N	200	2.0	100	.07	N	.50	1,000	N
1654	N	N	300	3.0	100	.05	20	.70	700	N
1655	N	N	200	2.0	70	.05	N	.70	1,000	N
1656	N	N	300	3.0	150	.10	50	.50	700	N
1657	N	N	200	2.0	70	.10	<20	.30	700	N
1658	N	N	200	1.5	70	.05	N	.10	500	N
1659	N	N	200	2.0	70	.07	N	.30	1,000	N
1662	N	N	700	3.0	100	.10	20	.50	1,000	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm em	Y-ppm s	Zr-ppm s
2008	20	100	.300	N	150	N	--	30	150
2219	7	N	.200	N	300	N	2.5	20	50
2260	10	N	.200	N	300	N	2.0	30	50
				Wiseman D4--continued					
775	15	100	.200	N	200	N	--	20	150
776	20	100	.300	N	300	N	--	30	200
777	15	100	.300	N	200	N	--	20	150
778	15	150	.200	N	200	N	--	30	150
780	15	100	.300	N	150	N	--	20	150
781	15	100	.300	N	200	N	--	30	100
784	15	N	.200	N	70	N	--	20	100
785	15	N	.300	N	150	N	--	30	150
786	15	N	.300	N	150	N	--	30	150
787	15	100	.300	N	150	N	--	30	150
788	10	N	.300	N	100	N	--	20	150
789	10	<100	.300	N	100	N	--	30	100
790	15	100	.500	N	150	N	--	30	200
791	15	100	.700	N	150	N	--	20	150
792	15	N	.500	N	100	N	--	15	200
793	15	300	.300	N	200	N	--	30	100
794	15	150	.500	N	200	N	--	20	150
795	15	100	.500	N	150	N	--	20	200
796	15	150	.500	N	200	N	--	30	150
797	10	100	.300	N	150	N	--	20	150
1172	20	100	.700	N	150	N	--	30	200
1173	20	150	.700	N	200	N	--	30	200
1174	20	150	.700	N	100	N	--	30	200
1175	15	N	.300	N	100	N	--	20	150
1176	15	N	.300	N	100	N	--	20	200
1177	15	150	.200	N	150	N	--	30	150
1652	15	100	.300	N	150	N	--	20	100
1653	10	<100	.200	N	100	N	--	20	70
1654	15	100	.200	N	150	N	--	30	100
1655	10	<100	.200	N	100	N	--	20	70
1656	15	100	.200	N	200	N	--	30	100
1657	10	100	.300	N	150	N	--	20	100
1658	10	N	.200	N	100	N	--	20	100
1659	10	N	.200	N	100	N	--	20	70
1662	15	N	.200	N	100	N	--	20	100

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1664	67 58 53	151 32 45	N	<2	N	20	--	N	--	N	20
1665	67 57 40	151 42 44	N	N	N	5	--	N	--	1.0	30
1666	67 57 24	151 42 5	N	N	N	1	--	N	--	.5	20
1667	67 58 25	151 42 34	N	N	N	10	--	N	--	N	15
1668	67 58 58	151 55 10	N	<2	N	15	--	N	--	N	30
1669	67 58 41	151 57 15	N	<2	N	20	--	N	--	N	50
1670	67 58 32	151 41 34	N	<2	N	10	--	N	--	N	10
1968	67 52 34	151 43 16	N	N	N	10	--	N	--	N	10
1969	67 54 56	151 49 48	N	N	N	5	--	N	--	.7	15
1970	67 53 14	151 56 59	N	N	N	5	--	N	--	N	15
1971	67 51 55	151 59 11	N	N	N	10	--	N	--	N	30
1974	67 56 14	151 59 35	N	N	N	20	--	N	--	N	15
1975	67 56 18	151 58 41	N	N	N	15	--	N	--	N	30
				Wiseman D5--continued							
733	67 47 46	152 22 54	N	<1	N	10	--	N	N	N	20
735	67 51 12	152 16 50	N	<1	N	15	--	N	N	N	30
737	67 51 24	152 17 34	N	1	N	10	--	N	N	<.5	30
739	67 50 12	152 19 37	N	<1	N	10	--	N	N	N	30
741	67 50 41	152 3 9	N	<1	N	10	--	N	N	N	30
743	67 50 56	152 2 58	N	<1	N	15	--	N	N	N	20
744	67 47 32	152 20 43	N	<1	N	15	--	N	N	N	20
745	67 52 25	152 12 4	N	<1	N	15	--	N	N	N	30
746	67 48 33	152 19 56	N	<1	N	5	--	N	N	N	30
747	67 52 31	152 11 10	N	<1	N	<5	--	N	N	N	30
748	67 54 42	152 14 40	N	<1	N	10	--	N	N	N	15
750	67 56 4	152 10 58	N	<1	N	10	--	N	N	N	30
751	67 57 50	152 4 11	N	<1	N	15	--	N	N	N	20
753	67 57 42	152 4 49	N	<1	N	15	--	N	N	N	15
779	67 49 24	152 0 30	N	1	N	10	--	N	N	N	20
798	67 58 17	152 0 33	N	<1	N	15	--	N	N	N	20
799	67 58 50	152 0 33	N	N	N	10	--	N	N	N	30
800	67 57 40	152 3 49	N	N	N	10	--	N	N	N	30
801	67 58 14	152 12 1	N	N	N	15	--	N	N	.5	50
802	67 57 26	152 16 0	N	N	N	5	--	N	N	N	70
803	67 57 40	152 16 1	N	N	N	10	--	N	N	N	15
822	67 46 34	152 23 51	N	N	N	5	--	N	N	N	50
823	67 48 2	152 28 58	N	N	N	5	--	N	N	N	50
824	67 46 44	152 11 45	N	N	N	5	--	N	N	N	50
1178	67 53 57	152 28 55	N	16	N	5	--	N	N	N	50

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
1664	20	N	75	N	1.00	N	--	2.0	30	50	50
1665	15	200	180	N	3.70	N	--	1.0	5	50	70
1666	20	<200	120	N	1.40	N	--	1.5	10	50	70
1667	<10	N	50	N	.20	N	--	2.0	10	30	50
1668	50	N	240	N	1.70	N	--	3.0	30	100	70
1669	50	300	150	N	.50	N	--	3.0	20	70	70
1670	<10	200	25	N	.20	N	--	1.5	10	20	20
1968	10	N	75	N	.30	N	--	2.0	15	30	30
1969	10	200	150	<20	2.20	N	--	1.0	10	30	70
1970	10	N	80	N	.10	N	--	3.0	15	30	30
1971	10	N	120	N	.10	N	--	2.0	20	30	50
1974	<10	N	55	N	.10	N	--	1.5	10	30	30
1975	10	N	60	N	.20	N	--	3.0	20	50	70
					Wiseman D5--continued						
733	<10	N	140	N	.10	N	<1	3.0	20	50	70
735	15	<200	150	N	.10	N	<1	1.0	30	70	150
737	15	<200	120	N	.10	N	<1	1.5	30	30	150
739	20	N	140	N	.20	N	<1	3.0	30	70	100
741	15	N	140	N	.10	N	<1	1.5	15	30	70
743	15	N	110	N	.25	N	<1	1.5	20	70	100
744	10	N	130	N	.20	N	<1	3.0	20	70	100
745	20	N	160	N	.20	N	<1	3.0	30	50	100
746	10	N	150	N	.25	N	<1	5.0	30	70	150
747	15	N	140	N	.15	N	<1	5.0	20	50	100
748	10	N	90	N	.15	N	<1	3.0	15	30	70
750	20	N	150	N	.30	N	<1	5.0	20	70	100
751	10	<200	170	N	.70	N	<1	7.0	20	70	100
753	10	N	110	N	.20	N	<1	2.0	20	50	70
779	15	N	160	N	.20	N	--	3.0	20	50	100
798	15	N	130	N	.40	N	<1	3.0	20	50	100
799	20	N	90	N	.30	N	<1	3.0	10	30	70
800	15	N	70	N	.20	N	<1	3.0	10	50	70
801	30	700	1,600	N	3.10	N	<1	2.0	15	50	70
802	20	N	100	N	.20	N	<1	3.0	20	30	100
803	15	N	80	N	.20	N	<1	2.0	15	20	70
822	30	200	150	N	.25	N	<1	2.0	30	70	150
823	20	N	150	N	.20	N	<1	3.0	20	50	100
824	30	N	150	N	.15	N	<1	3.0	30	70	150
1178	30	<200	100	N	.10	N	<1	7.0	30	100	150

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
1664	N	N	500	3.0	70	.05	N	.20	1,500	N
1665	N	N	700	1.5	70	5.00	<20	1.00	200	N
1666	N	N	700	2.0	100	5.00	20	1.00	300	N
1667	N	N	150	1.0	50	.10	N	.20	500	N
1668	N	N	1,000	3.0	100	.05	20	.50	700	N
1669	N	N	700	3.0	150	<.05	30	.30	500	N
1670	N	N	150	1.5	50	.07	N	.10	700	N
1968	N	N	150	1.0	50	.05	30	.20	700	N
1969	N	N	700	1.0	70	5.00	50	2.00	700	N
1970	N	N	200	1.5	50	.10	N	.30	700	N
1971	N	N	200	2.0	100	.10	N	.50	700	N
1974	N	N	100	1.0	50	.05	N	.15	300	N
1975	N	N	200	2.0	70	.07	30	.70	700	N
Wiseman D5--continued										
733	N	N	500	1.5	100	.10	50	1.00	700	N
735	N	N	500	1.5	100	.07	50	1.50	700	N
737	N	N	500	1.0	100	.20	30	1.50	1,000	N
739	N	N	500	1.5	150	.15	50	1.50	700	N
741	N	N	300	1.5	150	.10	30	.50	500	N
743	N	N	300	1.0	100	.30	20	.70	700	N
744	5	N	500	1.5	150	.15	30	.70	500	N
745	N	N	1,000	1.0	100	.20	20	.70	700	N
746	N	N	500	1.5	100	.15	30	1.00	700	N
747	N	N	500	1.5	70	.20	N	1.00	700	N
748	N	N	200	1.0	70	.15	N	.30	500	N
750	<5	N	500	1.5	100	.15	50	1.00	700	N
751	N	N	500	1.0	70	.30	50	.70	700	N
753	N	N	300	1.5	50	.15	50	.30	500	N
779	N	N	500	1.5	100	.10	50	1.00	500	N
798	N	N	700	1.0	30	.30	30	.70	1,000	N
799	N	N	300	1.5	70	.05	N	.10	700	N
800	N	N	500	2.0	70	.15	20	.30	700	N
801	N	N	700	2.0	100	.07	20	.20	1,000	N
802	N	N	500	1.5	70	.07	N	.30	1,500	N
803	N	N	300	1.5	50	.05	N	.20	700	N
822	N	N	700	3.0	150	.10	50	1.00	1,000	N
823	N	N	700	2.0	150	.15	30	1.00	700	N
824	N	N	700	2.0	150	.20	50	1.00	700	N
1178	5	N	700	3.0	100	.20	100	2.00	1,000	<20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
1664	10	N	.200	N	100	N	--	20	70
1665	10	200	.100	N	100	N	--	50	30
1666	10	150	.100	N	100	N	--	70	30
1667	10	<100	.200	N	100	N	--	15	70
1668	15	100	.200	N	150	N	--	30	70
1669	20	100	.300	N	150	N	--	50	100
1670	7	N	.150	N	100	N	--	15	50
1968	10	N	.150	N	100	N	--	15	70
1969	10	150	.100	N	100	N	--	50	50
1970	10	100	.200	N	100	N	--	20	100
1971	15	<100	.200	N	100	N	--	20	70
1974	10	N	.150	N	70	N	--	15	70
1975	15	<100	.200	N	100	N	--	20	70
				Wiseman D5--continued					
733	10	100	.300	N	150	N	--	20	150
735	20	100	.300	N	150	N	--	30	200
737	15	100	.300	N	150	N	--	20	200
739	20	100	.500	N	200	N	--	30	150
741	15	N	.150	N	100	N	--	20	150
743	20	<100	.300	N	150	N	--	30	200
744	15	100	.300	N	200	N	--	30	150
745	15	100	.200	N	150	N	--	20	150
746	20	150	.300	N	200	N	--	30	200
747	15	150	.200	N	150	N	--	20	150
748	15	<100	.150	N	100	N	--	15	150
750	20	100	.300	N	150	N	--	30	150
751	15	N	.300	N	150	N	--	30	200
753	10	<100	.200	N	100	N	--	20	150
779	15	100	.200	N	150	N	--	20	100
798	10	100	.300	N	150	N	--	20	150
799	15	N	.300	N	150	N	--	20	150
800	20	N	.500	N	200	N	--	20	200
801	15	200	.500	N	200	N	--	20	150
802	15	N	.700	N	200	N	--	30	150
803	10	N	.500	N	150	N	--	20	100
822	15	100	.700	N	200	N	--	30	150
823	15	<100	.500	N	150	N	--	30	100
824	20	100	.700	N	200	N	--	30	200
1178	20	150	1.000	N	300	N	--	70	500

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1178	67 53 57	152 28 55	N	N	N	5	--	N	--	N	20
1179	67 56 51	152 20 16	N	<1	N	5	--	N	N	N	70
1179	67 56 51	152 20 16	N	N	N	10	--	N	--	N	20
1180	67 56 30	152 20 20	N	<1	N	<1	--	N	N	N	50
1180	67 56 30	152 20 20	N	N	N	10	--	N	--	N	20
1671	67 59 54	152 20 44	N	<2	N	10	--	N	--	N	20
1672	67 54 9	152 12 28	N	N	N	5	--	N	--	N	10
1830	67 54 38	152 23 24	N	N	N	1	--	N	--	N	30
1831	67 56 14	152 28 3	N	N	N	10	--	N	--	N	20
1832	67 56 8	152 27 41	N	N	N	10	--	N	--	N	30
1972	67 51 9	152 7 2	N	N	N	5	--	N	--	N	30
1973	67 51 28	152 6 30	N	N	N	10	--	N	--	N	50
1976	67 52 48	152 6 24	N	N	N	5	--	N	--	N	50
1977	67 53 12	152 6 36	N	N	N	1	--	N	--	N	30
1978	67 49 5	152 13 10	N	N	N	1	--	N	--	N	20
1979	67 51 36	152 25 49	N	N	N	1	--	N	--	N	30
1980	67 51 24	152 29 10	N	N	N	5	--	N	--	N	20
				Wiseman D6--continued							
825	67 48 6	152 32 24	N	N	N	30	--	N	N	N	30
826	67 50 43	152 34 40	N	N	N	10	--	N	N	N	30
827	67 51 30	152 35 31	N	N	N	5	--	N	N	N	30
828	67 51 22	152 39 36	N	N	N	5	--	N	N	N	30
829	67 51 30	152 40 3	N	N	N	10	--	N	N	N	50
830	67 53 0	152 42 18	N	N	N	10	--	N	N	N	30
831	67 56 29	152 47 16	N	N	N	<5	--	N	N	N	20
832	67 57 28	152 50 3	N	N	N	5	--	N	N	N	70
833	67 57 36	152 49 31	N	N	N	10	--	N	N	N	20
834	67 57 54	152 55 5	N	N	N	10	--	N	N	N	30
835	67 58 7	152 54 55	N	N	N	5	--	N	N	N	20
836	67 55 43	152 49 20	N	N	N	5	--	N	N	N	30
837	67 54 37	152 55 49	N	<1	N	5	--	N	N	N	30
838	67 54 49	152 56 11	N	<1	N	10	--	N	N	N	30
839	67 48 27	152 58 17	N	<1	N	5	--	N	N	N	30
840	67 48 22	152 58 49	N	<1	N	10	--	N	N	N	30
841	67 48 10	152 58 10	N	<1	N	5	--	N	N	N	30
842	67 47 35	152 54 37	N	1	N	10	--	N	N	N	20
843	67 47 21	152 53 20	N	<1	N	10	--	N	N	N	30
844	67 47 5	152 52 30	N	<1	N	5	--	N	N	N	30
845	67 47 9	152 53 25	N	2	N	15	--	N	N	.5	30
1181	67 54 53	152 30 31	N	5	N	5	--	N	N	N	50
1181	67 54 53	152 30 31	N	16	N	10	--	N	--	N	15
1182	67 54 44	152 31 28	N	<1	N	5	--	N	N	N	50
1183	67 52 26	152 32 1	N	<1	N	5	--	N	N	N	70

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
1178	15	N	100	N	.20	N	--	3.0	20	50	50
1179	50	<200	75	N	.05	N	<1	7.0	50	100	150
1179	20	N	80	N	.10	N	--	3.0	15	50	50
1180	20	<200	85	N	.10	N	<1	7.0	50	100	150
1180	20	N	80	N	.20	N	--	3.0	20	50	50
1671	20	N	70	N	.20	N	--	2.0	15	50	30
1672	15	N	70	N	.20	N	--	1.0	10	30	20
1830	20	N	100	N	.20	N	--	3.0	20	50	70
1831	15	N	70	N	.20	N	--	2.0	20	30	50
1832	10	N	85	N	.20	N	--	3.0	20	50	70
1972	15	N	110	N	.20	N	--	2.0	20	50	30
1973	15	N	130	N	.10	N	--	3.0	20	50	70
1976	20	<200	120	N	.10	N	--	3.0	20	50	50
1977	20	<200	120	N	.10	N	--	2.0	15	30	30
1978	15	200	130	N	.20	N	--	1.0	10	20	20
1979	10	N	120	N	.10	N	--	2.0	15	30	50
1980	20	<200	120	N	.10	N	--	3.0	20	50	50
					Wiseman D6--continued						
825	70	200	180	N	.55	N	<1	3.0	30	50	70
826	30	N	140	N	.15	N	<1	5.0	30	70	100
827	20	N	130	N	.10	N	<1	2.0	30	50	150
828	30	200	160	N	.50	N	<1	3.0	30	70	150
829	20	N	160	N	.70	N	<1	5.0	30	100	100
830	15	N	150	N	.15	N	<1	5.0	30	50	150
831	20	N	170	N	.15	N	<1	5.0	30	70	150
832	10	N	120	N	.50	N	<1	3.0	15	30	70
833	20	500	1,000	N	1.80	N	<1	5.0	30	70	150
834	15	<200	120	N	.40	N	<1	2.0	15	30	100
835	15	300	200	N	2.20	N	<1	3.0	20	50	100
836	20	N	150	N	.10	N	<1	3.0	30	50	150
837	15	N	150	N	.20	N	<1	3.0	20	50	150
838	20	300	170	N	.20	N	<1	5.0	30	50	100
839	30	N	160	N	.15	N	<1	3.0	30	50	100
840	20	<200	150	N	.10	N	<1	3.0	30	50	150
841	20	N	150	N	.20	N	<1	3.0	30	50	100
842	20	700	1,000	N	10.00	N	<1	3.0	50	150	100
843	20	N	160	N	.30	N	<1	3.0	30	50	100
844	15	N	130	N	.10	N	<1	5.0	30	50	100
845	100	<200	180	N	1.00	N	<1	7.0	30	70	100
1181	30	<200	70	N	.10	N	<1	7.0	30	100	200
1181	<10	N	80	N	.20	N	--	2.0	15	30	30
1182	30	<200	85	N	.10	N	<1	7.0	30	100	150
1183	50	300	110	N	.10	N	<1	7.0	50	100	200

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
1178	N	N	200	2.0	100	.07	30	.70	700	N
1179	N	N	700	2.0	100	.20	50	1.00	2,000	<20
1179	N	N	200	2.0	70	.10	N	.70	700	N
1180	N	N	700	2.0	100	.20	50	1.00	2,000	<20
1180	N	N	200	2.0	70	.10	N	.50	1,000	N
1671	N	N	200	2.0	70	.10	N	.20	700	N
1672	N	N	150	1.0	50	.05	N	.20	500	N
1830	N	N	300	3.0	100	.10	30	.70	1,000	N
1831	N	N	200	2.0	70	.10	N	.15	700	N
1832	N	N	300	3.0	100	.15	20	.30	1,000	N
1972	N	N	200	2.0	100	.10	N	.50	1,000	N
1973	N	N	200	2.0	150	.10	30	.70	700	N
1976	N	N	200	2.0	100	.10	20	.70	700	N
1977	N	N	150	1.5	50	.07	<20	.50	700	N
1978	N	N	150	1.5	50	.05	20	.30	500	N
1979	N	N	200	2.0	70	.07	20	.50	700	N
1980	N	N	300	3.0	100	.07	30	.70	700	N
					Wiseman D6--continued					
825	N	N	500	1.5	100	2.00	20	.30	1,000	N
826	N	N	500	3.0	100	.20	30	1.00	700	N
827	N	N	700	3.0	150	.15	50	.70	500	N
828	N	N	700	2.0	100	.20	50	1.00	700	N
829	5	N	1,500	2.0	150	1.00	70	.70	700	N
830	N	N	300	2.0	100	.10	20	.70	1,500	N
831	N	N	300	3.0	150	.20	30	1.00	700	N
832	N	N	500	1.5	70	.15	N	.50	700	N
833	N	N	300	3.0	150	.10	30	.70	1,000	N
834	N	N	700	1.5	50	.10	N	.30	1,000	N
835	N	N	300	2.0	100	.10	20	.70	1,000	N
836	N	N	500	2.0	100	.20	30	.70	1,000	N
837	N	N	700	2.0	100	.20	50	1.00	1,000	N
838	N	N	700	2.0	100	.20	30	.70	1,500	N
839	N	N	700	2.0	100	.20	50	1.00	1,000	N
840	N	N	700	1.5	100	.15	30	1.50	1,000	N
841	N	N	700	1.5	100	.15	30	1.50	1,000	N
842	5	N	700	1.5	150	2.00	50	1.50	2,000	N
843	N	N	700	1.5	100	.50	50	1.00	1,000	N
844	N	N	700	2.0	100	1.00	50	1.00	1,000	N
845	<5	N	1,000	2.0	150	1.50	200	1.00	1,000	N
1181	7	N	700	2.0	70	.20	50	1.00	1,000	<20
1181	N	N	100	1.0	50	.05	N	.20	500	N
1182	N	N	500	2.0	70	.20	50	1.00	1,000	<20
1183	N	N	700	2.0	70	.20	100	2.00	2,000	<20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
1178	15	100	.200	N	100	N	--	20	70
1179	20	100	1.000	N	300	N	--	50	500
1179	10	100	.200	N	100	N	--	20	70
1180	20	100	1.000	N	300	N	--	50	500
1180	15	100	.200	N	100	N	--	20	70
1671	10	<100	.200	N	100	N	--	20	70
1672	7	N	.150	N	100	N	--	15	50
1830	15	100	.300	N	150	N	--	30	100
1831	10	100	.200	N	100	N	--	20	100
1832	15	100	.300	N	100	N	--	30	100
1972	10	<100	.200	N	100	N	--	20	50
1973	20	<100	.300	N	150	N	--	30	100
1976	20	<100	.200	N	150	N	--	20	70
1977	15	<100	.200	N	100	N	--	20	50
1978	10	<100	.150	N	100	N	--	15	30
1979	15	100	.200	N	100	N	--	20	70
1980	20	100	.300	N	100	N	--	30	70
				Wiseman D6--continued					
825	15	N	.300	N	150	N	--	20	150
826	15	N	.200	N	200	N	--	30	150
827	20	100	.300	N	200	N	--	30	200
828	15	<100	.300	N	150	N	--	30	150
829	15	100	.200	N	200	N	--	50	300
830	15	N	.200	N	150	N	--	20	150
831	20	100	.500	N	150	N	--	30	200
832	10	N	.150	N	100	N	--	20	150
833	15	N	.300	N	150	N	--	30	200
834	15	N	.200	N	150	N	--	20	200
835	15	N	.200	N	200	N	--	30	200
836	15	N	.500	N	150	N	--	30	200
837	20	N	.700	N	150	N	--	30	200
838	15	N	.700	N	150	N	--	30	150
839	20	100	.700	N	150	N	--	30	200
840	20	N	.700	N	150	N	--	30	150
841	15	100	.500	N	150	N	--	30	150
842	15	200	.500	N	200	N	--	50	200
843	15	100	.700	N	150	N	--	30	150
844	15	100	.700	N	150	N	--	30	150
845	15	N	.500	N	200	N	--	50	150
1181	20	300	1.000	N	200	N	--	70	500
1181	7	N	.200	N	70	N	--	15	50
1182	20	100	1.000	N	200	N	--	70	500
1183	30	200	1.000	N	200	N	--	70	300

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1184	67 56 17	152 40 48	N	3	N	10	--	N	N	N	70
1185	67 57 22	152 42 24	N	<1	N	15	--	N	N	N	50
1186	67 58 26	152 36 21	N	<1	N	10	--	N	N	N	30
1187	67 50 15	152 50 19	N	<1	N	10	--	N	N	N	50
1188	67 50 18	152 46 20	N	<1	N	5	--	N	N	N	100
1189	67 48 36	152 46 26	N	<1	N	10	--	N	N	N	100
1833	67 59 59	152 35 37	N	N	N	5	--	N	--	N	10
1834	67 59 39	152 36 2	N	N	N	15	--	N	--	N	30
1835	67 59 5	152 30 15	N	N	N	10	--	N	--	N	20
1836	67 59 51	152 35 9	N	N	N	10	--	N	--	N	20
1837	67 56 4	152 40 13	N	N	N	10	--	N	--	N	15
1838	67 54 50	152 52 29	N	N	N	10	--	N	--	N	30
1839	67 57 53	152 52 1	N	N	N	10	--	N	--	N	30
1840	67 57 22	152 52 26	N	N	N	5	--	N	--	N	30
1841	67 58 7	152 58 14	N	N	N	10	--	N	--	N	15
1842	67 57 54	152 58 35	N	N	N	10	--	N	--	N	20
1843	67 47 47	152 50 14	N	N	N	10	--	N	--	N	20
1844	67 49 15	152 35 31	N	N	N	10	--	N	--	N	20

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s
1184	30	200	75	N	.15	N	<1	7.0	50	100	150
1185	30	<200	90	N	1.20	N	<1	7.0	50	100	150
1186	30	<200	80	N	.50	N	<1	7.0	30	100	150
1187	30	<200	110	N	.10	N	<1	7.0	50	100	150
1188	50	<200	120	N	.15	N	<1	7.0	50	100	150
1189	20	<200	90	N	.10	N	<1	7.0	50	100	150
1833	<10	N	70	N	.50	N	--	2.0	15	30	50
1834	10	N	65	N	.40	N	--	2.0	20	50	50
1835	10	N	50	N	.20	N	--	3.0	20	50	50
1836	10	N	65	N	.20	N	--	3.0	20	70	50
1837	<10	N	65	N	.20	N	--	2.0	15	50	50
1838	15	N	120	N	.20	N	--	5.0	20	50	70
1839	15	<200	130	N	1.00	N	--	3.0	20	50	50
1840	15	N	130	N	.10	N	--	5.0	20	50	70
1841	<10	N	75	N	.20	N	--	2.0	15	50	50
1842	10	N	80	N	.20	N	--	2.0	20	50	50
1843	10	N	90	N	.20	N	--	2.0	15	30	50
1844	15	<200	160	N	1.00	N	--	2.0	30	70	30

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s	Nb-ppm s
1184	N	N	700	2.0	70	.20	100	1.00	1,000	<20
1185	N	N	700	2.0	100	.10	50	1.00	2,000	<20
1186	20	N	700	2.0	70	.20	50	1.00	1,000	<20
1187	N	N	700	2.0	70	.20	100	2.00	2,000	<20
1188	N	N	700	2.0	70	.20	100	2.00	1,500	<20
1189	10	N	500	2.0	70	.10	100	2.00	2,000	N
1833	N	N	200	2.0	50	.10	N	.15	1,000	N
1834	N	N	200	2.0	70	.10	20	.15	1,000	N
1835	N	N	500	3.0	100	.10	N	.30	700	N
1836	N	N	500	3.0	100	.10	<20	.30	1,000	N
1837	N	N	200	2.0	70	.15	N	.15	700	N
1838	N	N	300	2.0	100	.10	N	.50	1,000	N
1839	N	N	500	3.0	150	.10	<20	.50	1,000	N
1840	N	N	200	2.0	100	.30	<20	1.00	2,000	N
1841	N	N	150	1.5	70	.07	<20	.30	500	N
1842	N	N	150	1.5	70	.07	<20	.30	700	N
1843	N	N	100	1.0	50	.05	N	.70	700	N
1844	N	N	200	1.5	50	.05	N	.30	500	N

Table 4. Spectrographic and Chemical Analyses for Stream Sediment Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	W-ppm cm	Y-ppm s	Zr-ppm s
1184	20	300	1.000	N	200	N	--	50	500
1185	20	100	1.000	N	300	N	--	50	300
1186	15	100	1.000	N	200	N	--	50	300
1187	20	200	1.000	N	300	N	--	50	300
1188	20	200	1.000	N	300	N	--	70	500
1189	20	N	1.000	N	300	N	--	70	500
1833	7	N	.150	N	100	N	--	15	50
1834	10	<100	.200	N	100	N	--	20	100
1835	15	<100	.200	N	100	N	--	30	70
1836	15	<100	.300	N	150	N	--	50	150
1837	10	100	.200	N	100	N	--	20	100
1838	15	100	.300	N	100	N	--	20	100
1839	15	100	.200	N	150	N	--	30	100
1840	20	100	.200	N	100	N	--	20	100
1841	10	<100	.200	N	100	N	--	20	50
1842	10	<100	.200	N	100	N	--	20	50
1843	7	N	.200	N	70	N	--	15	50
1844	10	N	.200	N	100	N	--	20	50

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska

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

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
Wiseman A1											
1945	67 8 56	150 10 36	N	N	N	45		N		N	100
1526A	67 11 49	150 10 52	N	<2	N	5		N		N	10
1526B	67 11 49	150 10 52	N	<2	N	N		N		N	<5
1526A	67 11 49	150 10 52	N	N	N	5		N	N	N	30
1788	67 12 7	150 29 53	N	<2	N	10		N		<.5	70
Wiseman A2--continued											
1853	67 2 1	150 30 23	N	N	N	20		N		N	<5
1256	67 12 44	150 50 25	N	2	N	5		N	N	N	70
1553	67 13 23	150 55 10	N	N	N	15		N	N	N	70
1554	67 13 36	150 54 33	N	N	N	10		N	N	N	20
Wiseman A3--continued											
1860	67 3 52	151 18 26	N	N	N	35		N		N	<5
1861	67 5 44	151 14 0	N	N	N	30		N		<.5	30
1563	67 9 15	151 3 47	N	N	N	20		N	N	N	15
1567	67 12 57	151 15 6	N	N	N	10		N	N	N	30
1567A	67 12 57	151 15 6	N	N	N	15		N	N	N	20
1570	67 12 10	151 22 39	N	N	N	10		N	N	N	N
Wiseman A4--continued											
1894	67 13 28	151 31 9	N	N	N	45		N		N	15
1895	67 13 4	151 30 42	N	N	N	50		N		N	15
1020	67 14 24	151 36 20	N	N	N	5		N	N	N	50
1602	67 13 25	151 58 50	N	N	N	15		N	N	2.0	20
1620	67 14 25	151 41 35	N	N	N	15		N	N	N	N
1620	67 14 25	151 41 35	N	N	N	15		N	N	<.5	100
1620A	67 14 25	151 41 35	N	N	N	20		N	N	N	N
1621	67 14 52	151 40 12	N	N	N	30		N	N	N	50
1622	67 13 9	151 41 33	N	N	N	20		N	N	N	150
Wiseman A5--continued											
1855	67 2 30	152 7 25	N	N	N	25		N		N	7
1567	67 10 53	152 29 11	N	N	N	10		N	N	5.0	150
1599	67 9 58	152 21 54	N	N	N	15		N	N	N	30
1605	67 13 10	152 7 12	N	N	N	20		N	N	N	50
1607	67 7 47	152 5 52	N	N	N	15		N	N	N	50

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
Wiseman A1										
1945	N	N	60	N	.10	N	--	5.00	30	50
1526A	N	N	30	N	.10	N	--	.50	N	20
1526B	20	N	45	N	.60	N	--	.50	N	5
1526A	10	N	55	N	.10	N	N	3.00	15	50
1788	100	N	50	N	.20	N	--	5.00	30	50
Wiseman A2[--]continued										
1853	N	N	15	N	<.10	N	--	.20	N	<5
1256	70	<200	95	N	.10	N	N	7.00	30	100
1553	10	N	100	N	.20	N	N	7.00	10	50
1554	50	N	80	N	1.30	N	N	3.00	70	100
Wiseman A3[--]continued										
1860	N	N	15	N	<.10	N	--	.20	N	5
1861	<10	N	30	N	.10	N	--	3.00	20	30
1563	N	N	30	N	.20	N	N	3.00	10	20
1567	N	N	55	N	.60	N	N	3.00	20	50
1567A	N	N	45	N	.20	N	N	3.00	10	50
1570	30	N	5	N	.30	N	N	.50	<5	10
Wiseman A4[--]continued										
1894	15	N	70	N	.10	N	--	1.50	5	15
1895	<10	<200	110	N	.30	N	--	2.00	10	20
1020	10	N	60	N	.05	N	N	5.00	20	20
1602	N	N	30	N	.20	N	N	2.00	10	20
1620	N	N	10	N	.20	N	N	.50	N	10
1620	20	<200	60	N	.50	N	N	5.00	5	30
1620A	N	N	10	N	.10	N	N	.50	N	5
1621	10	<200	95	N	.20	N	N	5.00	20	50
1622	20	<200	100	N	.50	N	N	7.00	30	50
Wiseman A5[--]continued										
1855	N	N	35	N	.20	N	--	1.00	7	15
1567	10	200	120	N	.30	N	N	7.00	20	100
1599	30	N	50	N	.20	N	N	5.00	20	70
1605	N	300	180	N	.30	N	N	7.00	5	30
1607	N	N	40	N	.20	N	N	3.00	20	30

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
					Wiseman A1					
1945	150	N	N	100	N	50	3.00	N	2.00	1,500
1526A	<10	N	N	5,000	1.0	50	.05	N	.15	300
1526B	N	N	N	100	N	50	.10	N	.10	500
1526A	70	N	N	300	<1.0	50	.10	20	.70	300
1788	50	N	N	70	1.0	10	3.00	70	2.00	1,500
					Wiseman A2--continued					
1853	<10	N	N	20	N	15	.05	N	.05	70
1256	150	N	N	200	1.0	100	2.00	50	2.00	1,000
1553	150	N	N	700	1.5	100	.15	N	1.00	500
1554	30	N	N	300	<1.0	70	.50	300	.70	1,000
					Wiseman A3--continued					
1860	N	N	N	20	N	<10	<.05	N	.02	70
1861	20	N	N	150	<1.0	20	1.00	N	1.00	1,000
1563	20	N	N	150	N	30	.30	N	.20	500
1567	70	N	N	150	<1.0	70	.50	30	1.00	500
1567A	30	N	N	300	<1.0	30	.30	N	.70	500
1570	N	N	N	150	N	<10	.70	N	.10	500
					Wiseman A4--continued					
1894	50	N	N	1,000	1.0	30	<.05	N	.70	150
1895	30	N	N	100	<1.0	20	.05	N	.50	200
1020	100	N	N	500	1.5	50	3.00	N	2.00	1,500
1602	20	N	N	500	1.5	50	15.00	N	1.00	700
1620	N	N	N	100	N	10	.10	N	.10	500
1620	100	5	N	1,000	2.0	100	.20	N	1.50	300
1620A	N	N	N	100	N	15	>20.00	N	3.00	70
1621	150	N	N	700	2.0	200	.20	N	1.50	300
1622	100	N	N	700	2.0	100	.30	20	1.50	700
					Wiseman A5--continued					
1855	20	N	N	150	1.0	50	.10	N	.20	300
1567	150	5	N	3,000	<1.0	50	3.00	N	3.00	2,000
1599	50	N	N	300	2.0	100	.15	70	.50	700
1605	100	20	N	200	N	20	<.05	N	1.00	1,000
1607	70	N	N	200	<1.0	30	.15	N	1.00	1,000

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
				Wiseman A1					
1945	N	30	150	.200	N	200	N	20	30
1526A	N	N	N	.030	N	50	N	N	20
1526B	N	N	N	.020	N	20	N	N	20
1526A	N	10	N	.300	N	150	N	20	200
1788	N	20	500	.300	N	150	N	70	50
				Wiseman A2--continued					
1853	N	N	N	.015	N	10	N	<10	20
1256	N	20	200	1.000	--	200	N	70	200
1553	N	30	N	.500	N	300	N	20	150
1554	N	10	N	.150	N	150	N	150	70
				Wiseman A3--continued					
1860	N	N	N	.010	N	<10	N	N	15
1861	N	20	200	.200	N	150	N	15	50
1563	N	N	N	.100	N	70	N	10	30
1567	N	N	100	.300	N	200	N	30	300
1567A	N	5	N	.150	N	100	N	N	30
1570	N	N	N	.010	N	N	N	10	N
				Wiseman A4--continued					
1894	N	10	N	.200	N	100	N	<10	30
1895	N	10	N	.100	N	70	N	10	30
1020	N	30	300	.500	N	300	N	50	150
1602	N	10	200	.200	N	100	N	20	100
1620	N	N	N	.020	N	N	N	20	10
1620	N	20	<100	.500	N	300	N	20	100
1620A	N	N	1,000	.020	N	20	N	N	N
1621	N	20	N	.500	N	200	N	15	100
1622	N	30	N	.300	N	200	N	30	100
				Wiseman A5--continued					
1855	N	7	<100	.200	N	100	N	20	50
1567	N	30	<100	.700	N	300	N	50	100
1599	N	15	N	.500	N	150	N	50	200
1605	N	15	N	.300	N	300	N	50	200
1607	N	15	N	.300	N	200	N	10	70

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1608	67 8 8	152 9 24	N	N	N	20		N	N	N	15
1617	67 4 38	152 24 22	N	N	N	15		N	N	N	200
				Wiseman A6--continued							
1575	67 13 38	152 51 47	N	N	N	10		N	N	N	100
1576	67 13 30	152 51 14	N	N	N	10		N	N	N	30
1577	67 14 52	152 56 39	N	N	N	25		N	N	N	70
1579	67 14 21	152 43 11	N	N	N	15		N	N	N	150
1580	67 11 44	152 42 6	N	N	N	5		N	N	N	15
1580A	67 11 44	152 42 6	N	N	N	30		N	N	N	30
1580B	67 11 44	152 42 6	N	N	N	15		N	.05	N	150
1581A	67 11 38	152 41 8	N	N	N	35		N	N	N	50
1583	67 9 2	152 41 17	N	N	N	20		N	N	N	100
1584	67 9 45	152 55 30	N	N	N	15		N	N	N	N
1585	67 9 38	152 56 27	N	N	N	20		N	N	N	30
1586	67 9 24	152 56 37	N	N	N	30		N	N	N	15
1590	67 2 43	152 40 26	N	N	N	15		N	N	N	50
1593	67 5 27	152 40 23	N	N	N	15		N	N	N	20
1596	67 9 28	152 32 52	N	N	N	10		N	N	N	20
				Wiseman B1--continued							
1949	67 19 48	150 18 0	N	N	N	10		N		N	20
1952	67 25 5	150 14 14	N	N	N	N		N		N	100
1981	67 28 57	150 12 42	N	N	N	N		N		N	20
1994	67 29 11	150 13 41	N	N	N	5	1.70	N		N	10
1144	67 27 29	150 1 16	N	3	N	50		N	N	15.0	100
1146	67 25 28	150 8 37	N	N	N	10		N	N	N	100
1151A	67 26 8	150 22 0	N	3	N	35		N	N	N	20
1501	67 21 57	150 5 53	N	N	N	15		N	N	N	30
1503	67 23 28	150 8 51	N	N	N	5		N	N	N	50
1504A	67 19 16	150 12 15	N	N	N	15		N	N	N	150
1721	67 25 25	150 11 49	N	N	N	20		N	N	N	100
1722	67 27 3	150 19 58	N	N	N	15		N	N	N	70
1724	67 24 34	150 20 33	N	N	N	15		N	N	N	70
1725	67 24 38	150 20 1	N	N	N	20		N	N	N	70
1726	67 25 31	150 29 31	N	N	N	40		N	N	N	50
1728	67 22 51	150 29 23	N	4	N	10		N	N	N	100
1729	67 23 9	150 29 1	N	2	N	20		N	N	N	150
1730	67 22 52	150 24 3	N	N	N	5		N	N	N	15
1731	67 23 10	150 24 13	N	2	N	35		N	N	.5	70
1732	67 18 13	150 25 49	N	<2	N	10		N	N	N	30

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
1608	N	N	45	N	.20	N	N	3.00	10	30
1617	N	N	75	N	.20	N	N	10.00	50	150
				Wiseman A6--continued						
1575	20	N	100	N	.10	N	N	10.00	50	30
1576	N	N	45	N	.10	N	N	5.00	15	20
1577	15	N	40	N	<.10	N	N	5.00	5	10
1579	N	N	45	N	<.10	N	N	3.00	10	30
1580	N	N	10	N	<.10	N	N	1.50	5	10
1580A	15	N	65	N	.50	N	N	10.00	30	50
1580B	20	N	30	N	.40	N	N	10.00	50	150
1581A	10	N	30	N	.10	N	N	7.00	30	100
1583	10	<200	100	N	.30	N	N	10.00	30	100
1584	N	N	5	N	<.10	N	N	.70	N	N
1585	20	N	75	N	.10	N	N	5.00	15	50
1586	30	N	20	N	.10	N	N	1.50	5	20
1590	N	N	30	N	.20	N	N	2.00	5	15
1593	10	N	30	N	.10	N	N	2.00	15	70
1596	10	N	90	N	.10	N	N	7.00	20	30
				Wiseman B1--continued						
1949	20	N	30	N	.30	N	[illegible]	1.00	5	10
1952	20	N	50	N	.40	N	[illegible]	2.00	10	20
1981	<10	N	20	N	.20	N	[illegible]	3.00	30	70
1994	30	N	55	N	.40	N	[illegible]	1.50	10	15
1144	100	N	40	N	.20	N	N	5.00	70	150
1146	15	N	40	N	.15	N	N	7.00	30	30
1151A	15	N	30	N	.05	N	N	5.00	10	5
1501	20	N	65	N	.10	N	N	3.00	10	30
1503	20	N	40	N	.40	N	N	3.00	15	50
1504A	N	N	70	N	.10	N	N	10.00	70	50
1721	15	<200	70	N	.60	N	N	10.00	50	70
1722	N	N	30	N	.10	N	N	3.00	20	50
1724	10	<200	70	N	.30	N	N	7.00	50	100
1725	N	N	50	N	.20	N	N	7.00	50	100
1726	10	<200	80	N	.10	N	N	7.00	50	150
1728	20	N	90	N	.20	N	N	5.00	30	50
1729	15	<200	110	N	.10	N	N	7.00	50	70
1730	15	N	20	N	.30	N	N	2.00	7	20
1731	30	<200	110	N	.50	N	N	5.00	30	100
1732	10	N	15	N	<.10	N	N	.70	7	10

Table 3. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
1608	50	N	N	300	1.0	50	2.00	30	.50	700
1617	500	N	N	300	N	30	3.00	N	5.00	2,000
				Wiseman A6--continued						
1575	200	N	N	150	2.0	100	1.00	N	2.00	1,500
1576	70	N	N	300	1.0	100	.20	N	1.50	700
1577	70	N	N	1,500	1.5	150	.10	N	1.00	3,000
1579	20	5	N	50	<1.0	50	.15	N	1.00	500
1580	10	N	N	150	<1.0	10.	.07	N	.15	150
1580A	150	N	N	70	2.0	100	5.00	100	.50	2,000
1580B	150	N	N	300	<1.0	<10	10.00	N	7.00	2,000
1581A	1,000	N	N	300	1.5	30	1.00	20	1.50	700
1583	150	N	N	1,000	1.5	100	.15	N	1.50	1,000
1584	200	N	N	N	N	N	>20.00	N	1.50	500
1585	70	N	N	500	1.5	100	5.00	N	3.00	500
1586	10	N	N	300	N	20	>20.00	N	.50	500
1590	<10	N	N	1,000	1.0	20	5.00	N	.30	1,000
1593	100	N	N	700	<1.0	30	3.00	N	.70	700
1596	100	N	N	300	1.0	70	.20	N	1.50	700
				Wiseman B1--continued						
1949	20	N	N	700	<1.0	20	10.00	N	1.50	200
1952	20	N	N	200	1.5	70	1.00	N	1.00	1,000
1981	300	N	N	20	<1.0	<10	5.00	N	2.00	1,000
1994	100	N	N	<20	<1.0	10	2.00	N	1.00	2,000
1144	50	15	N	20	N	200	1.00	20	.50	>5,000
1146	200	N	N	30	1.0	N	5.00	N	2.00	2,000
1151A	100	N	N	500	N	100	.50	30	1.00	1,000
1501	150	N	N	700	2.0	100	.10	N	1.00	500
1503	50	N	N	200	<1.0	70	15.00	N	1.50	1,500
1504A	150	N	N	700	<1.0	20	5.00	N	5.00	1,500
1721	300	N	N	150	<1.0	30	10.00	N	5.00	2,000
1722	30	N	N	150	<1.0	150	2.00	N	1.00	3,000
1724	150	N	N	300	2.0	150	.30	200	1.50	1,000
1725	200	N	N	1,000	1.5	70	5.00	30	5.00	1,500
1726	300	N	N	200	1.5	70	3.00	N	5.00	1,500
1728	70	5	N	700	1.5	100	1.00	20	2.00	500
1729	100	N	N	200	2.0	100	.70	50	2.00	2,000
1730	N	N	N	200	<1.0	30	20.00	N	2.00	1,500
1731	150	N	N	1,000	3.0	100	10.00	50	2.00	700
1732	N	N	N	1,000	<1.0	20	10.00	N	.30	100

Table 5 Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb ppm s	Sc ppm s	Sr ppm s	Ti pct. s	Th ppm s	V ppm s	W ppm s	Y ppm s	Zr ppm s
1608	N	10	N	.200	N	150	N	10	70
1617	N	50	<100	.700	N	300	N	20	50
				Wiseman A6--continued					
1575	N	30	<100	1.000	N	300	N	70	200
1576	N	20	N	.500	N	200	N	20	200
1577	N	20	N	.300	N	200	N	50	100
1579	N	N	N	.100	N	70	N	N	30
1580	N	N	N	.100	N	70	N	N	70
1580A	N	30	500	.500	N	300	N	70	200
1580B	N	30	300	.300	N	300	N	30	70
1581A	N	20	N	.300	N	300	N	50	100
1583	N	30	100	.500	N	300	N	30	200
1584	N	N	700	.015	N	N	N	N	N
1585	N	30	N	.300	N	150	N	20	150
1586	N	10	700	.100	N	100	N	10	20
1590	N	5	<100	.100	N	20	N	20	70
1593	N	15	N	.500	N	200	N	50	70
1596	N	30	N	1.000	N	200	N	30	200
				Wiseman B1--continued					
1949	N	5	1,000	.070	N	30	N	10	15
1952	N	10	100	.150	N	100	N	15	30
1981	N	30	150	.500	N	150	N	20	30
1994	N	15	500	.100	N	70	N	15	30
1144	N	15	100	.300	N	100	50	30	100
1146	N	30	200	1.000	N	200	N	50	100
1151A	20	20	100	.700	N	100	N	70	500
1501	N	20	N	.500	N	200	N	20	100
1503	N	15	300	.300	N	150	N	20	50
1504A	N	50	<100	1.000	N	500	N	50	70
1721	N	30	300	.500	N	300	N	30	100
1722	N	15	100	.200	N	150	N	20	70
1724	N	20	100	.500	N	200	N	50	200
1725	N	30	300	.500	N	300	N	50	200
1726	N	30	200	.500	N	300	N	20	200
1728	N	20	100	.300	N	300	N	20	200
1729	N	30	200	.500	N	300	N	50	200
1730	N	7	700	.200	N	150	N	20	50
1731	N	20	300	.500	N	500	N	30	150
1732	N	N	500	.070	N	70	N	N	20

Table 1. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1734	67 17 53	150 28 34	N	9	N	10	[illegible]	N	N	N	150
1735	67 16 58	150 18 14	N	<2	N	5	[illegible]	N	N	N	10
1504A	67 19 16	150 12 15	N	5	N	5	[illegible]	N	N	N	20
1736	67 28 5	150 10 9	N	22	N	5	.02	N	N	N	5
1737	67 28 22	150 12 49	>10,000	>100,000	N	N	.15	<10	N	N	150
1737A	67 28 22	150 12 49	5,000	2,600	N	45	.10	N	N	N	30
1944C	67 29 22	150 3 47	1,500	400	1,000	>200	.15	N	<.05	5.0	100
1944D	67 29 22	150 3 47	N	2	N	50	.15	N	N	N	10
1944E	67 29 22	150 3 47	N	3	N	100	.10	N	N	N	100
1944F	67 29 22	150 3 47	200	18	700	>200	.55	N	N	5.0	700
1944G	67 29 22	150 3 47	3,000	400	>20,000	>200	.10	N	2.20	<1.0	10
1944H	67 29 22	150 3 47	500	80	2,000	>600	.40	N	N	5.0	300
1737B	67 28 22	150 12 49	>20,000	>2,000	N	70	2.20	N	.10	1.0	100
				Wiseman B2--continued							
1958B	67 27 57	150 33 56	N	N	N	N	[illegible]	N	[illegible]	N	20
1965A	67 20 19	150 35 16	N	N	N	20	[illegible]	N	[illegible]	N	20
1965B	67 20 19	150 35 16	N	N	N	5	[illegible]	N	[illegible]	N	10
1557	67 21 21	150 38 32	N	3	N	5	[illegible]	N	[illegible]	N	20
1255	67 15 28	150 45 5	N	3	N	10	[illegible]	N	[illegible]	N	15
1156	67 27 24	150 38 46	N	<2	N	15	[illegible]	N	N	<.5	10
1156A	67 27 24	150 38 46	N	2	N	10	[illegible]	N	N	N	7
1156B	67 27 24	150 38 46	N	2	N	10	[illegible]	N	N	<.5	10
1157A	67 26 50	150 41 55	N	N	N	5	[illegible]	N	N	N	70
1240	67 25 4	150 50 58	N	2	N	<5	[illegible]	N	N	N	50
1240A	67 25 4	150 50 58	N	2	N	20	[illegible]	N	N	N	30
1241	67 24 10	150 55 53	N	N	N	N	[illegible]	N	N	N	500
1242	67 23 52	150 55 54	N	<2	N	5	[illegible]	N	N	N	50
1243A	67 24 26	150 54 27	N	N	N	N	[illegible]	N	N	N	50
1249A	67 18 40	150 48 27	N	N	N	N	[illegible]	N	N	N	30
1251	67 19 40	150 38 8	N	2	N	N	[illegible]	N	N	N	50
1252	67 17 22	150 36 33	N	<2	N	5	[illegible]	N	N	N	150
1255A	67 15 28	150 45 5	N	<2	N	5	[illegible]	N	N	N	20
1259	67 22 45	150 38 42	N	2	N	20	[illegible]	N	N	N	50
1259A	67 22 45	150 38 42	N	<2	N	5	[illegible]	N	N	N	30
1260	67 22 40	150 31 47	N	3	N	20	[illegible]	N	N	N	70
1262A	67 25 4	150 38 31	N	N	N	5	[illegible]	N	N	N	30
1556	67 15 8	150 54 18	N	N	N	15	[illegible]	N	N	N	30
1558	67 17 41	150 33 52	N	N	N	10	[illegible]	N	N	N	200
1675	67 26 46	150 54 25	N	N	N	20	[illegible]	N	N	N	15

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
1734	N	N	35	N	.10	N	N	5.00	30	30
1735	10	200	170	N	1.80	N	N	1.50	5	30
1504A	15	N	40	N	<.10	N	N	3.00	20	20
1736	N	N	90	N	<.10	N	N	5.00	20	50
1737	150	N	5	N	.10	N	N	.15	N	N
1737A	N	N	25	N	<.10	N	N	2.00	10	20
1944C	150	N	N	N	N	N	N	>50.00	100	2,000
1944D	N	N	170	N	.10	N	N	30.00	100	300
1944E	50	N	N	N	N	N	N	>50.00	30	70
1944F	200	N	N	N	N	N	N	>50.00	100	1,000
1944G	70	N	N	N	.10	N	2	50.00	300	500
1944H	150	N	N	N	N	N	N	>50.00	50	2,000
1737B	150	N	N	N	.50	N	N	5.00	10	150
					Wiseman B2--continued					
1958B	15	N	40	N	.30	N	[illegible]	2.00	10	15
1965A	10	N	100	N	.10	N	[illegible]	3.00	15	30
1965B	<10	N	110	N	.20	N	[illegible]	2.00	10	20
1557	<10	N	75	N	.20	N	[illegible]	2.00	10	20
1255	10	200	160	N	.30	N	[illegible]	3.00	15	30
1156	15	N	10	N	.15	N	N	.50	N	10
1156A	10	N	5	N	.10	N	N	.20	<5	10
1156B	N	N	5	N	.10	N	N	.50	5	10
1157A	N	N	60	N	.20	N	N	10.00	50	30
1240	20	N	60	N	.15	N	N	5.00	30	70
1240A	30	N	45	N	.05	N	N	3.00	20	70
1241	N	N	40	N	.20	N	N	10.00	70	30
1242	10	200	70	N	.05	N	N	5.00	20	30
1243A	50	<200	70	N	.10	N	N	5.00	20	30
1249A	30	<200	90	N	.15	N	N	5.00	15	30
1251	20	<200	60	N	.05	N	N	7.00	30	70
1252	100	<200	110	N	.30	N	N	7.00	30	100
1255A	70	<200	80	N	.15	N	N	5.00	10	20
1259	20	N	80	N	.20	N	N	5.00	15	20
1259A	50	<200	95	N	.05	N	N	7.00	20	50
1260	50	<200	95	N	.10	N	N	7.00	20	30
1262A	50	N	80	N	.30	N	N	5.00	15	100
1556	100	N	35	N	.20	N	N	2.00	10	70
1558	10	N	110	N	.20	N	N	7.00	50	70
1675	N	<200	85	N	.10	N	N	5.00	20	50

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
1734	20	N	N	50	N	10	15.00	N	3.00	1,000
1735	30	N	N	300	N	<10	15.00	N	2.00	500
1504A	20	N	N	150	3.0	50	3.00	50	2.00	1,000
1736	50	N	N	200	1.5	50	.20	N	1.00	3,000
1737	N	N	N	300	N	N	1.00	N	.02	500
1737A	50	N	N	300	<1.0	200	.05	N	.15	300
1944C	20	N	N	N	<2.0	N	<.10	N	.05	20
1944D	30	N	N	200	2.0	20	.70	N	3.00	10,000
1944E	20	N	N	70	<2.0	N	<.10	N	.10	70
1944F	20	30	N	<50	<2.0	<20	1.00	N	.05	<20
1944G	20	N	N	50	<2.0	N	N	N	<.05	<20
1944H	20	N	N	<50	<2.0	N	N	N	<.05	<20
1737B	<20	N	N	<50	<2.0	N	2.00	N	.20	700
					Wiseman B2--continued					
1958B	30	N	N	150	1.0	150	1.00	N	1.00	2,000
1965A	30	N	N	100	1.0	50	.15	N	1.00	700
1965B	30	N	N	100	1.0	70	.10	N	1.00	700
1557	30	N	N	100	1.0	70	.20	N	.70	200
1255	50	N	N	300	1.0	150	.10	N	1.00	300
1156	70	N	N	150	1.0	70	.05	30	.15	100
1156A	50	N	N	50	1.0	50	<.05	N	.10	70
1156B	100	5	N	100	1.0	50	.07	N	.20	50
1157A	20	N	N	50	1.0	30	3.00	N	2.00	2,000
1240	150	N	N	700	2.0	100	2.00	50	2.00	1,000
1240A	100	N	N	1,000	2.0	100	2.00	50	2.00	1,000
1241	100	N	N	N	N	20	5.00	50	5.00	1,500
1242	150	7	N	300	1.0	100	.20	30	2.00	700
1243A	50	N	N	200	N	50	5.00	20	2.00	1,000
1249A	150	N	N	1,000	1.0	200	.20	20	2.00	700
1251	150	10	N	1,000	1.0	100	2.00	70	2.00	2,000
1252	100	N	N	300	1.0	70	.15	30	2.00	1,000
1255A	100	N	N	1,000	1.0	100	.05	20	1.00	300
1259	70	N	N	1,000	1.0	70	1.00	20	1.00	500
1259A	150	10	N	300	1.0	100	.20	30	2.00	1,000
1260	150	N	N	500	1.0	100	1.00	30	2.00	1,000
1262A	70	10	N	200	1.0	50	.10	20	.20	50
1556	30	N	N	300	<1.0	70	.20	N	.50	300
1558	150	N	N	70	N	<10	10.00	N	5.00	1,500
1675	70	N	N	300	2.0	70	.10	N	1.00	700

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1734	N	30	700	.500	N	300	N	20	100
1735	N	10	500	.100	N	100	N	N	10
1504A	N	10	700	.200	N	300	N	10	150
1736	N	20	N	.200	N	200	N	10	100
1737	N	N	N	.010	N	N	N	N	N
1737A	N	10	N	.200	N	150	N	10	50
1944C	N	N	N	.007	N	20	N	N	N
1944D	N	20	N	.150	N	100	N	30	50
1944E	N	N	N	.050	N	20	N	N	N
1944F	N	N	N	.010	N	20	N	<20	N
1944G	N	N	N	.010	N	20	N	<20	N
1944H	N	N	N	.010	N	20	N	N	N
1737B	N	<10	500	<.005	N	20	N	<20	N
				Wiseman B2--continued					
1958B	N	10	100	.200	N	100	N	15	50
1965A	N	10	N	.200	N	100	N	15	100
1965B	N	10	N	.200	N	100	N	15	70
1557	N	15	<100	.200	N	100	N	15	100
1255	N	15	N	.200	N	150	N	20	70
1156	N	7	N	.150	N	150	N	20	70
1156A	N	5	N	.100	N	50	N	20	50
1156B	N	10	N	.200	N	100	N	20	70
1157A	N	30	150	.300	N	300	N	30	30
1240	N	20	500	1.000	N	100	N	50	200
1240A	<20	20	300	1.000	N	500	N	20	300
1241	N	30	200	1.000	N	500	N	50	100
1242	N	15	N	.500	N	200	N	50	300
1243A	N	20	500	.500	N	200	N	50	150
1249A	N	20	200	.700	N	200	N	30	200
1251	N	20	200	1.000	N	200	N	70	300
1252	<20	20	N	1.000	N	150	N	50	500
1255A	N	15	N	1.000	N	200	N	10	100
1259	N	15	100	1.000	N	150	N	30	500
1259A	N	20	100	1.000	N	200	N	50	200
1260	N	20	100	1.000	N	200	N	50	150
1262A	N	5	N	.500	N	100	N	10	100
1556	N	10	N	.150	N	100	N	30	70
1558	N	50	100	.300	N	300	N	50	50
1675	N	15	100	.200	N	200	N	20	100

Table F. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1677	67 25 15	150 58 51	N	N	N	20		N	N	N	15
1678	67 24 24	150 59 7	N	N	N	15		N	N	N	150
1679	67 21 46	150 56 37	N	N	N	20		N	N	N	150
1680	67 23 12	150 56 27	N	N	N	25		N	N	N	10
1681	67 22 58	150 59 44	N	N	N	10		N	N	N	30
1682	67 23 0	150 58 24	N	N	N	10		N	N	N	5
1683	67 22 47	150 59 12	N	N	N	15		N	N	N	50
1727	67 25 25	150 32 32	N	N	N	10		N	N	N	20
1791	67 18 47	150 32 32	N	<2	N	5		N	--	N	50
1130F	67 29 45	150 32 2	500	--	N	80	.04	N	.35	N	20
				Wiseman B3--continued							
1099	67 18 8	151 14 29	N	45	1,500	1,000		N	.15	5.0	7,000
1099A	67 18 8	151 14 29	N	11	7,000	2,500		N	.30	3.0	5,000
1099B	67 18 8	151 14 29	N	18	5,000	700		N	.95	15.0	5,000
1268A	67 24 34	151 21 55	N	N	N	<5		N	N	N	50
1269	67 23 31	151 27 21	N	N	N	N		N	N	N	10
1270	67 21 20	151 29 30	N	<5	N	5		N	N	N	5
1275	67 17 29	151 15 22	N	N	N	N		N	N	N	70
1279	67 16 59	151 9 33	N	N	N	N		N	N	N	30
1281A	67 20 25	151 12 19	N	<5	N	5		N	N	N	10
1282	67 21 41	151 12 33	N	6	N	35		N	N	N	50
1289A	67 28 26	151 8 51	N	N	N	N		N	N	N	30
1625	67 15 47	151 27 20	N	5	N	55		N	N	N	50
1674	67 27 49	151 0 18	N	N	N	15		N	N	N	20
1684	67 21 46	151 1 51	N	N	N	190		N	N	N	30
1685	67 21 27	151 7 47	N	N	N	10		N	N	N	20
1686	67 21 39	151 7 0	N	N	N	15		N	N	N	70
1687A	67 22 2	151 6 55	N	N	N	20		N	N	N	15
1687B	67 22 2	151 6 55	N	N	N	30		N	N	N	150
1689	67 24 29	151 11 39	N	N	N	5		N	N	N	50
1691	67 25 26	151 9 26	N	N	N	15		N	N	N	10
1692A	67 29 4	151 9 3	N	N	N	15		N	N	N	30
1692B	67 29 4	151 9 3	N	N	N	10		N	N	N	20
1694	67 16 1	151 14 26	N	N	N	15		N	N	N	10
1695	67 17 28	151 11 1	N	N	N	20		N	N	N	150
1697	67 17 6	151 7 34	N	N	N	15		N	N	N	50
1700	67 18 16	151 1 39	N	N	N	1		N	N	N	100
1701	67 17 19	151 1 1	N	N	N	30		N	N	N	50
1701A	67 17 19	151 1 1	N	N	N	10		N	N	N	300
1701B	67 17 19	151 1 1	N	N	N	<5		N	N	N	30
1702	67 17 39	151 5 16	N	N	N	5		N	N	N	20

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
1677	N	N	20	N	.10	N	N	2.00	10	20
1678	<10	<200	50	N	.10	N	N	5.00	10	30
1679	<10	N	35	N	<.10	N	N	5.00	10	15
1680	<10	N	30	N	.10	N	N	3.00	10	20
1681	<10	<200	60	N	<.10	N	N	5.00	20	30
1682	<10	<200	30	N	.20	N	N	7.00	20	20
1683	<10	<200	60	N	<.10	N	N	7.00	20	20
1727	N	N	30	N	.10	N	N	2.00	7	20
1791	<10	N	40	N	.10	N	---	3.00	50	70
1130F	N	N	20	N	<.10	N	N	>20.00	10	30
				Wiseman B3--continued						
1099	70	200	60	N	2.10	15	30	20.00	100	150
1099A	20	200	45	N	1.20	N	18	>20.00	70	100
1099B	150	300	25	N	1.70	N	24	>20.00	700	150
1268A	50	N	90	N	.15	N	N	5.00	15	50
1269	20	<200	90	N	.65	N	N	3.00	5	20
1270	<10	N	35	N	.25	N	N	.20	N	5
1275	N	200	20	N	.05	N	N	10.00	70	70
1279	30	<200	40	N	.25	N	N	3.00	15	50
1281A	70	N	5	N	.05	N	N	.50	5	10
1282	N	200	100	N	.10	N	N	10.00	50	100
1289A	20	<200	80	N	.15	N	N	7.00	30	70
1625	30	N	10	N	.20	N	N	2.00	10	50
1674	N	N	40	N	.20	N	N	3.00	15	30
1684	20	N	50	N	.10	N	N	5.00	30	30
1685	10	<200	50	N	.10	N	N	7.00	30	50
1686	<10	N	30	N	<.10	N	N	7.00	30	30
1687A	N	N	20	N	<.10	N	N	7.00	70	100
1687B	15	<200	70	N	.10	N	N	10.00	70	70
1689	10	N	40	N	.10	N	N	7.00	50	7
1691	N	N	25	N	.30	N	N	2.00	5	15
1692A	10	N	60	N	.30	N	N	5.00	7	20
1692B	10	N	45	N	.30	N	N	5.00	15	30
1694	10	N	25	N	.20	N	N	3.00	N	10
1695	20	N	10	N	.20	N	N	7.00	50	70
1697	N	N	50	N	.30	N	N	3.00	10	50
1700	10	200	30	N	.20	N	N	7.00	30	70
1701	N	N	100	N	.30	N	N	5.00	20	50
1701A	N	N	30	N	.50	N	N	10.00	50	30
1701B	30	N	20	N	<.10	N	N	3.00	15	50
1702	N	N	40	N	.20	N	N	2.00	10	20

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
1677	20	N	N	150	<1.0	50	10.00	N	3.00	500
1678	150	N	N	1,000	3.0	100	.15	30	1.50	300
1679	150	N	N	300	3.0	200	.30	N	2.00	1,000
1680	100	N	N	150	1.0	100	10.00	20	3.00	1,000
1681	100	N	N	300	2.0	100	.30	20	1.50	700
1682	<10	N	N	N	<1.0	10	10.00	N	3.00	2,000
1683	100	N	N	300	2.0	150	.30	N	1.50	1,500
1727	N	N	N	100	<1.0	30	.50	N	.70	1,000
1791	100	N	N	150	1.0	20	2.00	N	2.00	700
1130F	N	N	N	50	N	<10	.10	<20	.50	200
				Wiseman B3--continued						
1099	10	N	N	100	1.0	70	.70	N	.15	150
1099A	N	N	N	100	<1.0	150	1.00	N	.15	200
1099B	10	N	N	50	<1.0	100	1.50	N	.15	200
1268A	150	N	N	2,000	2.0	200	.10	100	2.00	700
1269	50	N	N	700	N	70	20.00	20	10.00	2,000
1270	N	N	N	N	N	<10	20.00	N	1.00	500
1275	150	N	N	N	1.0	10	5.00	N	10.00	2,000
1279	150	N	N	500	1.0	300	20.00	50	2.00	700
1281A	20	N	N	70	N	50	.10	20	.07	700
1282	150	N	N	50	N	70	10.00	20	5.00	700
1289A	100	N	N	500	2.0	100	.50	20	2.00	700
1625	30	N	N	300	1.0	100	20.00	N	3.00	700
1674	20	N	N	200	<1.0	30	.50	N	.70	700
1684	100	30	N	700	3.0	150	1.00	20	1.50	700
1685	100	N	N	700	3.0	200	.70	20	2.00	2,000
1686	100	N	N	500	1.5	50	2.00	20	2.00	3,000
1687A	1,000	N	N	150	N	10	5.00	N	10.00	2,000
1687B	150	N	N	700	3.0	200	3.00	50	3.00	3,000
1689	N	N	N	N	N	N	15.00	N	5.00	2,000
1691	N	N	N	100	<1.0	10	10.00	N	1.50	2,000
1692A	70	N	N	500	2.0	150	.30	N	1.50	200
1692B	70	N	N	700	3.0	150	.70	N	1.50	500
1694	N	N	N	100	N	50	5.00	N	.30	1,500
1695	30	N	N	150	<1.0	50	10.00	N	1.50	1,000
1697	70	N	N	N	<1.0	10	2.00	N	1.50	700
1700	100	N	N	500	2.0	100	2.00	20	2.00	700
1701	70	N	N	300	2.0	200	1.00	20	1.50	500
1701A	20	N	N	N	<1.0	<10	5.00	N	2.00	1,500
1701B	30	N	N	100	<1.0	50	10.00	N	1.50	1,500
1702	20	N	N	300	<1.0	30	7.00	N	3.00	500

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1677	N	5	100	.200	N	70	N	10	200
1678	N	30	100	1.000	N	500	N	20	200
1679	N	30	N	.500	N	200	N	30	150
1680	N	10	150	.300	N	150	N	20	150
1681	N	20	N	.700	N	200	N	30	200
1682	N	30	700	.700	N	700	N	10	N
1683	N	20	100	.500	N	200	N	20	200
1727	N	10	N	.200	N	50	N	20	150
1791	N	20	150	.300	N	200	N	20	50
1130F	<20	N	N	.050	N	20	N	N	N
				Wiseman 83--continued					
1099	N	30	N	.050	N	20	N	10	20
1099A	N	30	N	.015	N	20	N	N	20
1099B	N	50	200	.015	N	10	N	N	20
1268A	<20	20	100	1.000	N	200	N	50	300
1269	N	10	1,000	.200	N	70	N	50	70
1270	N	N	N	.002	N	20	N	N	N
1275	N	30	N	1.000	N	500	N	70	70
1279	N	15	2,000	.200	N	100	N	30	100
1281A	N	N	N	.100	N	100	N	10	70
1282	N	30	700	1.000	N	200	N	50	100
1289A	N	20	200	1.000	N	150	N	20	300
1625	N	10	1,500	.100	N	150	N	15	30
1674	N	7	N	.200	N	150	N	10	70
1684	N	20	500	.700	N	300	N	30	200
1685	N	30	100	.500	N	300	N	30	200
1686	N	30	150	.300	N	300	N	30	200
1687A	N	50	100	.150	N	300	N	20	N
1687B	N	20	100	.500	N	300	N	50	200
1689	N	30	150	.300	N	300	N	10	N
1691	N	5	200	.100	N	50	N	30	70
1692A	N	20	N	.300	N	300	N	30	150
1692B	N	20	100	.300	N	200	N	20	100
1694	N	N	300	.015	N	10	N	N	N
1695	N	10	500	.100	N	100	N	10	30
1697	N	15	100	.300	N	150	N	20	70
1700	N	30	200	.300	N	300	N	30	100
1701	N	15	N	.300	N	200	N	30	200
1701A	N	30	100	>1.000	N	500	N	70	300
1701B	N	10	1,000	.150	N	200	N	20	700
1702	N	10	200	.200	N	200	N	10	70

Table 3. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1703	67 17 53	151 5 59	N	N	N	<5		N	N	N	30
1704	67 19 2	151 14 24	N	N	N	10		N	N	N	150
1706	67 21 40	151 14 32	N	N	N	10		N	N	N	50
1707	67 21 59	151 14 6	N	N	N	<5		N	N	N	50
1709	67 19 46	151 19 28	N	N	N	15		N	N	N	5
1710	67 20 15	151 20 5	N	N	N	10		N	N	N	100
1711	67 21 25	151 19 46	N	N	N	5		N	N	N	200
1711A	67 21 25	151 19 46	N	N	N	10		N	N	N	150
1712	67 21 23	151 20 28	N	N	N	5		N	N	N	200
1712A	67 21 23	151 20 28	N	N	N	10		N	N	N	200
1714	67 26 53	151 19 58	N	N	N	10		N	N	.7	50
1756	67 24 23	151 19 33	N	3	N	15		N	N	N	50
1756A	67 24 23	151 19 33	N	3	N	50		N	N	N	150
1756B	67 24 23	151 19 33	N	5	N	10		N	N	N	20
1756C	67 24 23	151 19 33	N	7	N	5		N	N	N	N
				Wiseman B4--continued							
1867	67 19 50	151 37 0	N	N	N	40		N		N	<5
1868	67 19 50	151 36 28	N	N	N	40		N		N	30
1869	67 19 4	151 54 30	N	N	N	50		N		.5	30
1871	67 19 30	151 54 16	N	N	N	45		N		<.5	20
1871A	67 19 30	151 54 16	200	200	N	40		N		200.0	200
1872	67 19 44	151 54 27	N	N	N	45		N		.5	7
1873	67 19 25	151 37 58	N	N	N	45		N		N	50
1874	67 19 27	151 40 26	N	5	N	50		N		N	30
1876	67 20 35	151 46 4	N	N	N	45		N		N	20
1877	67 22 24	151 43 50	N	N	N	50		N		N	20
1877A	67 22 24	151 43 50	N	N	N	55		N		N	70
1878	67 22 38	151 44 6	N	N	N	45		N		N	70
1879	67 26 41	151 54 40	N	2	N	50		N		<.5	30
1879A	67 26 41	151 54 40	N	N	N	55		N		N	20
1879B	67 26 41	151 54 40	N	N	N	65		N		N	<5
1881	67 26 41	151 43 6	N	N	N	40		N		N	<5
1882	67 26 39	151 43 38	N	N	N	40		N		N	10
1888	67 27 44	151 59 26	N	N	N	45		N		N	<5
1889	67 28 59	151 58 5	N	N	N	60		N		N	5
1893	67 27 33	151 53 12	N	N	N	45		N		N	70
810	67 25 37	151 44 8	N	<2	N	N		N	N	N	N
815	67 22 0	151 57 29	N	<2	N	N		N	N	N	10
1008	67 15 24	151 36 4	N	N	N	5		N	N	<.5	30
1010	67 15 28	151 36 36	N	N	N	5		N	N	N	20
1012	67 17 25	151 39 4	N	N	N	5		N	N	N	50

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
1703	15	N	35	N	.20	N	N	3.00	10	50
1704	N	N	60	N	.10	N	N	7.00	50	50
1706	15	<200	35	N	<.10	N	N	10.00	50	50
1707	10	N	50	N	<.10	N	N	7.00	50	50
1709	N	N	20	N	.10	N	N	2.00	5	20
1710	N	N	20	N	<.10	N	N	3.00	20	20
1711	N	N	75	N	.10	N	N	15.00	100	100
1711A	10	N	60	N	.20	N	N	15.00	70	50
1712	10	200	30	N	.20	N	N	15.00	100	50
1712A	N	N	20	N	.10	N	N	15.00	70	50
1714	70	N	40	N	<.10	N	N	2.00	10	20
1756	20	N	85	N	<.10	N	[illegible]	7.00	20	30
1756A	10	N	90	N	<.10	N	[illegible]	7.00	30	30
1756B	10	N	15	N	<.10	N	[illegible]	7.00	50	100
1756C	N	N	5	N	<.10	N	[illegible]	<.05	N	N
					Wiseman B4--continued					
1867	20	N	15	N	.10	N	[illegible]	1.00	N	7
1868	15	N	55	N	.10	N	[illegible]	5.00	30	50
1869	50	N	75	N	.70	N	[illegible]	2.00	5	5
1871	<10	N	25	N	.20	N	[illegible]	2.00	15	7
1871A	>20,000	>10,000	25,000	500	380.00	N	[illegible]	5.00	30	20
1872	100	<200	120	N	.50	N	[illegible]	3.00	20	10
1873	70	N	50	N	.20	N	[illegible]	2.00	20	30
1874	50	N	75	N	.40	N	[illegible]	3.00	15	20
1876	30	N	55	N	.20	N	[illegible]	1.50	10	15
1877	20	N	90	N	.20	N	[illegible]	2.00	15	20
1877A	50	N	130	N	.10	N	[illegible]	3.00	10	15
1878	100	<200	160	N	.20	N	[illegible]	3.00	30	20
1879	N	N	120	N	.60	N	[illegible]	1.00	5	30
1879A	30	N	55	N	.10	N	[illegible]	3.00	20	70
1879B	15	N	15	N	<.10	N	[illegible]	1.00	N	N
1881	15	N	20	N	<.10	N	[illegible]	.70	N	N
1882	30	N	40	N	<.10	N	[illegible]	1.50	5	10
1888	20	N	10	N	<.10	N	[illegible]	.70	N	<5
1889	20	N	30	N	.10	N	[illegible]	1.00	N	<5
1893	10	N	85	N	.10	N	[illegible]	7.00	30	50
810	30	N	10	N	.05	N	N	2.00	10	15
815	30	N	<5	N	.05	N	N	1.50	10	10
1008	50	200	110	N	.20	N	N	7.00	10	10
1010	50	<200	100	N	1.00	N	N	7.00	10	30
1012	20	200	120	N	.30	N	N	7.00	10	15

Table 1. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
1703	30	N	N	500	<1.0	30	.15	N	.70	300
1704	100	N	N	N	N	N	7.00	N	3.00	1,500
1706	150	N	N	500	2.0	150	2.00	20	3.00	1,000
1707	100	N	N	300	1.0	100	1.50	<20	2.00	1,000
1709	N	N	N	1,000	1.0	70	1.00	N	.20	300
1710	20	N	N	100	<1.0	10	.70	N	.50	700
1711	200	N	N	N	N	<10	5.00	N	5.00	1,500
1711A	150	N	N	70	<1.0	<10	15.00	N	2.00	3,000
1712	70	N	N	300	1.0	10	5.00	N	5.00	3,000
1712A	100	N	N	300	<1.0	<10	5.00	N	5.00	2,000
1714	20	N	N	150	<1.0	20	.50	N	.50	700
1756	100	N	N	700	3.0	70	.15	50	1.50	500
1756A	100	N	N	500	2.0	70	2.00	20	2.00	1,000
1756B	300	N	N	N	N	10	10.00	N	5.00	1,000
1756C	N	N	N	20	N	N	.05	N	.03	N

Wiseman B4--continued

1867	20	N	N	30	<1.0	<10	15.00	N	2.00	70
1868	50	N	N	70	<1.0	<10	7.00	N	3.00	1,500
1869	10	N	N	30	<1.0	10	5.00	N	2.00	>5,000
1871	10	N	N	50	<1.0	10	2.00	N	1.00	1,000
1871A	10	N	N	100	1.0	15	.10	N	.10	300
1872	10	N	N	50	<1.0	10	2.00	N	1.50	1,500
1873	30	N	N	100	1.0	20	3.00	N	1.50	2,000
1874	30	N	N	200	2.0	50	1.50	<20	1.50	>5,000
1876	30	N	N	200	2.0	70	10.00	20	3.00	300
1877	20	N	N	200	1.0	10	5.00	N	1.50	700
1877A	50	N	N	150	1.5	50	1.00	N	1.50	500
1878	30	N	N	50	<1.0	<10	10.00	N	2.00	1,000
1879	10	10	N	1,000	1.0	30	.15	N	.15	150
1879A	200	N	N	150	1.0	15	3.00	70	3.00	700
1879B	10	N	N	30	N	<10	20.00	N	1.00	500
1881	10	N	N	<20	N	<10	10.00	N	3.00	150
1882	30	N	N	150	1.0	50	.20	N	.50	200
1888	<10	N	N	<20	N	<10	15.00	N	.30	200
1889	10	N	N	100	<1.0	50	5.00	N	1.00	100
1893	50	N	N	N	1.5	<10	2.00	N	3.00	1,000
810	50	N	N	200	N	50	15.00	N	1.00	700
815	30	N	N	500	<1.0	50	20.00	N	1.50	700
1008	150	N	N	1,000	2.0	150	.10	N	1.00	700
1010	100	N	N	500	1.5	50	10.00	20	2.00	700
1012	150	N	N	700	2.0	100	.15	N	1.50	700

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1703	N	7	N	.200	N	200	N	N	70
1704	N	30	300	.200	N	300	N	15	20
1706	N	30	100	.700	N	300	N	30	100
1707	N	20	N	.500	N	300	N	20	70
1709	N	N	N	.100	N	70	N	10	100
1710	N	5	100	.150	N	70	N	N	30
1711	N	50	100	.300	N	500	N	30	30
1711A	N	20	500	.300	N	300	N	20	30
1712	N	50	300	>1.000	N	1,500	N	50	100
1712A	N	50	200	1.000	N	500	N	50	100
1714	N	5	N	.300	N	70	N	10	50
1756	N	20	N	.500	N	200	N	20	300
1756A	N	30	100	.500	N	300	N	30	150
1756B	N	30	200	.100	N	300	N	N	N
1756C	N	N	N	N	N	N	N	N	N
				Wiseman B4--continued					
1867	N	5	700	.050	N	20	N	10	20
1868	N	20	1,000	.300	N	150	N	30	50
1869	N	7	150	.050	N	30	N	20	15
1871	N	15	100	.200	N	150	N	15	20
1871A	N	<5	N	.050	N	20	N	<10	30
1872	N	20	300	.300	N	100	N	50	50
1873	N	15	500	.200	N	100	N	30	30
1874	N	15	200	.200	N	150	N	50	50
1876	N	10	300	.150	N	70	N	30	50
1877	N	15	200	.200	N	150	N	20	30
1877A	N	15	200	.150	N	100	N	10	50
1878	N	20	500	.200	N	150	N	20	30
1879	N	5	N	.050	N	300	N	<10	20
1879A	N	20	200	.200	N	150	N	20	50
1879B	N	<5	2,000	.020	N	10	N	30	10
1881	N	<5	200	.050	N	10	N	10	15
1882	N	10	<100	.150	N	100	N	<10	50
1888	N	<5	700	.020	N	10	N	15	15
1889	N	7	500	.070	N	30	N	20	30
1893	N	30	200	.500	N	200	N	50	50
810	N	10	700	.100	N	70	N	30	50
815	N	7	500	.150	N	100	N	30	100
1008	N	20	150	1.000	N	200	N	20	200
1010	N	15	200	.500	N	150	N	50	150
1012	N	20	100	.700	N	200	N	20	200

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1013	67 17 8	151 38 54	N	N	N	5	[illegible]	N	N	N	70
1014	67 17 8	151 38 27	N	N	N	5	[illegible]	N	N	N	70
1017	67 16 52	151 38 1	N	N	N	5	[illegible]	N	N	N	70
1100	67 28 27	151 34 15	N	2	N	35	[illegible]	N	N	N	30
1102	67 26 50	151 56 10	N	5	N	25	[illegible]	N	N	10.0	20,000
1102A	67 26 50	151 56 10	N	12	N	150	[illegible]	N	.05	20.0	>20,000
1103	67 21 57	151 55 18	N	<2	N	15	[illegible]	N	N	N	500
1103A	67 21 57	151 55 18	N	N	N	<5	[illegible]	N	N	N	150
1103B	67 21 57	151 55 18	N	N	N	10	[illegible]	N	N	N	30
1290C	67 22 56	151 58 47	N	<2	N	30	[illegible]	N	N	.5	1,000
1290D	67 22 56	151 58 47	N	4	N	10	[illegible]	N	N	3.0	2,000
1290E	67 22 56	151 58 47	N	2	N	10	[illegible]	N	N	5.0	5,000
1263	67 27 54	151 36 18	N	N	N	N	[illegible]	N	N	N	30
1265C	67 24 41	151 31 58	N	N	N	<5	[illegible]	N	N	N	30
1623	67 15 56	151 30 41	N	N	N	25	[illegible]	N	N	N	50
1103C	67 21 55	151 55 19	N	25	N	>400	.15	N	N	N	20
				Wiseman B5--continued							
1890	67 28 13	152 9 27	N	N	N	45	[illegible]	N	[illegible]	<.5	7
1891	67 27 52	152 8 59	N	N	N	40	[illegible]	N	[illegible]	<.5	20
1904	67 16 15	152 15 46	N	N	N	45	[illegible]	N	[illegible]	N	7
1907	67 18 5	152 14 12	N	<2	N	40	[illegible]	N	[illegible]	N	5
1908	67 18 10	152 12 20	N	N	N	45	[illegible]	N	[illegible]	N	<5
1910	67 18 54	152 5 2	N	N	N	50	[illegible]	N	[illegible]	N	15
1911	67 18 40	152 4 35	N	N	N	40	[illegible]	N	[illegible]	N	15
1913	67 25 58	152 22 51	100	85	N	60	[illegible]	N	[illegible]	.5	1,500
1914	67 27 32	152 23 34	N	6	N	35	[illegible]	N	[illegible]	N	10
1915	67 26 45	152 16 13	N	N	N	35	[illegible]	N	[illegible]	N	<5
1916	67 26 31	152 16 12	N	3	N	50	[illegible]	N	[illegible]	N	5
1918A	67 28 54	152 17 15	N	5	N	35	[illegible]	N	[illegible]	N	70
1918B	67 28 54	152 17 15	N	8	N	75	[illegible]	N	[illegible]	N	150
1938	67 22 11	152 10 32	N	N	N	45	[illegible]	N	[illegible]	N	70
876	67 27 38	152 6 20	N	2	N	70	[illegible]	N	N	.7	7
879A	67 24 56	152 7 15	N	2	N	10	[illegible]	N	N	N	150
879B	67 24 56	152 7 15	N	3	N	<5	[illegible]	N	N	N	50
882A	67 25 55	152 9 57	N	2	N	5	[illegible]	N	N	N	100
885	67 21 31	152 16 38	N	<2	N	15	[illegible]	N	N	N	5
886	67 21 44	152 22 22	N	<2	N	10	[illegible]	N	N	N	<5

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
1013	30	<200	90	N	.65	N	N	7.00	20	50
1014	20	<200	140	N	.65	N	N	5.00	20	50
1017	30	<200	110	N	.45	N	N	5.00	20	70
1100	15	N	70	N	1.00	N	N	3.00	10	20
1102	10	N	40	N	.35	10	1	2.00	5	10
1102A	300	<200	110	N	.55	N	N	20.00	10	30
1103	10	N	80	N	.15	N	N	10.00	30	50
1103A	N	N	60	N	<.05	N	N	10.00	20	30
1103B	30	N	25	N	.10	N	N	1.00	5	20
1290C	150	300	200	N	1.20	<10	1	3.00	15	70
1290D	300	<200	200	N	.70	10	5	3.00	10	15
1290E	300	700	800	N	2.60	15	5	3.00	10	15
1263	N	N	10	N	.05	N	N	.50	10	20
1265C	50	N	45	N	.05	N	N	5.00	5	5
1623	15	N	65	N	.40	N	N	5.00	30	50
1103C	<20	N	5	N	.10	N	N	>50.00	N	20
				Wiseman B5--continued						
1890	50	N	35	N	.10	N		2.00	10	30
1891	50	N	75	N	.30	N		2.00	10	20
1904	<10	N	45	N	.10	N		1.00	10	20
1907	N	N	65	N	.20	N		1.50	7	15
1908	<10	N	25	N	.20	N		1.50	<5	10
1910	N	N	40	N	.10	N		1.50	15	20
1911	10	N	40	N	.10	N		2.00	15	30
1913	50	N	40	N	1.80	N		3.00	50	30
1914	<10	N	40	N	.20	N		1.50	15	20
1915	10	N	15	N	<.10	N		.70	N	N
1916	<10	N	15	N	.10	N		.70	N	5
1918A	20	N	120	N	.10	N		5.00	30	30
1918B	N	N	70	N	.10	N		5.00	30	50
1938	10	<200	130	N	.10	N		5.00	50	50
876	200	N	80	N	.85	N	<1	1.00	10	30
879A	15	N	90	N	.10	N	<1	5.00	30	15
879B	50	<200	150	N	.25	N	<1	7.00	50	30
882A	30	N	60	N	.20	N	<1	3.00	30	20
885	10	N	20	N	.10	N	<1	2.00	5	10
886	<10	N	<5	N	.05	N	<1	.70	N	5

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
1013	100	5	N	700	2.0	100	.10	30	1.50	300
1014	150	<5	N	700	2.0	100	.15	N	1.00	300
1017	150	N	N	1,000	2.0	200	.15	N	1.50	500
1100	30	10	N	1,000	N	70	10.00	N	2.00	5,000
1102	N	N	N	50	1.0	N	.70	N	<.02	70
1102A	N	N	20	20	N	30	.15	100	.50	50
1103	150	N	N	300	N	10	5.00	N	1.50	1,500
1103A	50	<5	N	50	N	20	5.00	N	2.00	1,000
1103B	50	N	N	200	2.0	100	10.00	30	2.00	700
1290C	70	N	N	300	1.5	15	.50	N	1.50	700
1290D	70	N	N	200	1.5	10	.05	N	1.00	300
1290E	70	N	N	300	1.5	15	.07	N	1.00	300
1263	10	N	N	100	N	30	.20	20	.30	700
1265C	150	30	N	2,000	2.0	100	.10	20	2.00	100
1623	150	N	N	500	1.5	50	10.00	<20	3.00	1,000
1103C	20	N	N	<50	<2.0	N	<.10	N	.05	100
				Wiseman B5--continued						
1890	20	N	N	70	1.0	30	2.00	N	.50	700
1891	30	N	N	150	1.0	50	3.00	N	2.00	1,000
1904	20	N	N	100	1.0	50	.07	N	.50	700
1907	10	N	N	70	N	30	1.00	N	.30	1,000
1908	15	N	N	30	N	15	10.00	N	.20	700
1910	30	N	N	100	N	50	1.00	N	1.00	1,000
1911	30	N	N	30	1.0	50	.70	N	.50	1,000
1913	<10	N	N	<20	<1.0	N	10.00	N	1.00	500
1914	15	N	N	20	<1.0	10	1.50	N	.50	1,000
1915	10	N	N	50	N	15	10.00	N	1.00	200
1916	<10	N	N	70	<1.0	20	10.00	N	.50	200
1918A	50	N	N	100	N	<10	1.00	N	2.00	1,000
1918B	100	N	N	20	<1.0	<10	2.00	N	1.50	1,000
1938	70	N	N	N	1.0	<10	1.50	N	2.00	1,500
876	30	N	N	150	N	20	<.05	N	.03	50
879A	200	N	N	200	1.5	15	2.00	N	2.00	1,500
879B	200	N	N	150	1.0	10	2.00	N	5.00	1,500
882A	70	N	N	500	2.0	150	10.00	30	1.50	2,000
885	15	N	N	500	3.0	30	1.00	20	.50	700
886	10	N	N	70	N	N	>20.00	N	.30	200

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1013	N	20	100	.500	N	150	N	30	150
1014	N	20	100	.500	N	200	N	30	150
1017	N	20	200	.700	N	200	N	50	200
1100	N	7	500	.100	N	300	N	50	30
1102	N	N	N	<.002	N	10	N	N	N
1102A	N	N	N	.007	N	20	N	N	N
1103	N	30	700	.700	N	300	N	50	100
1103A	N	30	150	>1.000	N	300	N	50	200
1103B	N	5	500	.300	N	100	N	30	300
1290C	N	7	<100	.100	N	70	N	20	100
1290D	N	10	<100	.200	N	100	N	15	150
1290E	N	10	N	.150	N	100	N	15	100
1263	N	N	N	.020	N	10	N	<10	15
1265C	N	20	500	1.000	N	300	N	20	200
1623	N	30	500	.500	N	300	N	50	100
1103C	N	N	N	.030	N	300	N	N	N
				Wiseman B5--continued					
1890	N	7	100	.100	N	50	N	20	50
1891	N	10	100	.200	N	100	N	20	30
1904	N	10	N	.200	N	70	N	15	70
1907	N	5	100	.070	N	30	N	10	20
1908	N	5	1,000	.070	N	50	N	15	20
1910	N	10	N	.150	N	70	N	15	30
1911	N	10	100	.200	N	100	N	20	70
1913	N	10	700	.100	N	50	N	20	30
1914	N	20	150	.200	N	50	N	20	30
1915	N	N	500	.050	N	10	N	10	50
1916	N	N	500	.030	N	10	N	10	30
1918A	N	20	700	.150	N	150	N	15	20
1918B	N	30	100	.500	N	200	N	20	50
1938	N	20	200	.500	N	200	N	30	50
876	N	<5	N	.100	N	20	N	10	300
879A	N	20	200	1.000	N	200	N	30	100
879B	N	15	100	>1.000	N	300	N	50	100
882A	N	10	300	.300	N	100	N	30	100
885	N	7	100	.300	N	50	N	30	150
886	N	N	5,000	.050	N	10	N	<10	20

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
890	67 23 36	152 26 57	N	2	N	20		N	N	N	7
896	67 15 28	152 25 32	N	<2	N	45		N	N	N	50
1603	67 15 23	152 4 46	N	N	N	15		N	N	N	100
1603A	67 15 23	152 4 46	N	N	N	20		N	N	N	100
					Wiseman B6--continued						
1896	67 15 32	152 38 36	N	N	N	50		N		N	10
1899	67 15 41	152 33 56	N	N	N	45		N		N	7
1900	67 18 4	152 35 10	N	N	N	45		N		N	20
1901	67 17 48	152 35 19	N	N	N	50		N		N	10
891	67 22 31	152 31 42	N	2	N	15		N	N	N	10
1208	67 27 12	152 31 15	N	N	N	<5		N	N	N	5
1211	67 29 27	152 39 49	N	N	N	5		N	N	N	10
1211A	67 29 27	152 39 49	N	N	N	<5		N	N	N	30
1220A	67 26 10	152 55 31	N	47	N	100		N	N	1.0	70
1221	67 26 28	152 55 48	N	N	N	<5		N	N	N	20
1221A	67 26 28	152 55 48	N	<2	N	20		N	N	N	5
1221B	67 26 28	152 55 48	N	2	N	35		N	N	N	30
1222	67 26 17	152 57 24	N	2	N	10		N	N	N	5
1223	67 25 21	152 57 37	N	<2	N	45		N	N	N	70
1224A	67 26 44	152 51 48	N	<2	N	<5		N	N	N	70
1225A	67 23 9	152 50 44	N	4	N	40		N	N	N	1,500
1225B	67 23 9	152 50 44	N	2	N	15		N	N	N	70
1225C	67 23 9	152 50 44	N	2	N	35		N	N	N	50
1226	67 24 34	152 42 59	N	N	N	<5		N	N	N	10
1227	67 24 28	152 43 25	N	N	N	<5		N	N	N	10
1228	67 22 41	152 45 2	N	<2	N	<5		N	N	N	200
1230	67 16 57	152 48 13	N	<2	N	5		N	N	N	300
1236	67 16 50	152 31 40	N	N	N	10		N	N	N	70
1236A	67 16 50	152 31 40	N	<2	N	N		N	N	N	30
1578	67 15 2	152 56 51	N	N	N	10		N	N	N	<5
1792	67 29 49	152 54 47	N	2	N	10		N		N	30
1793	67 26 42	152 49 36	N	2	N	<5		N		N	20
1793A	67 26 42	152 49 36	N	6	N	N		N		N	<5
1794	67 27 8	152 53 55	N	N	N	N		N		<.5	50
1795	67 22 26	152 56 37	N	N	N	N		N		N	<5
1796	67 22 4	152 53 23	N	N	N	N		N		N	<5
1797	67 23 59	152 50 11	N	N	N	40		N		N	5
1798	67 23 33	152 47 7	N	3	N	30		N		N	<5
1800	67 23 47	152 44 23	N	2	N	<5		N		N	30
1801	67 22 39	152 42 31	N	N	N	15		N		N	20

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
890	10	N	85	N	.55	N	<1	.70	5	15
896	10	N	60	N	.10	N	<1	3.00	30	20
1603	15	N	90	N	.10	N	N	7.00	30	50
1603A	N	N	50	N	<.10	N	N	5.00	15	30
					Wiseman B6--continued					
1896	10	N	55	N	.10	N		1.50	<5	5
1899	<10	N	50	N	.10	N		1.00	7	15
1900	<10	N	100	N	.20	N		2.00	20	30
1901	30	200	160	N	.30	N		2.00	10	10
891	20	N	30	N	.10	N	<1	1.00	5	5
1208	20	N	45	N	.30	N	N	2.00	N	30
1211	N	N	20	N	.10	N	N	20.00	10	50
1211A	20	N	75	N	.15	N	N	5.00	20	70
1220A	100	N	110	N	.30	N	N	3.00	20	50
1221	20	N	70	N	.25	N	N	3.00	15	20
1221A	50	N	20	N	.05	N	N	.70	5	10
1221B	N	N	35	N	.05	N	N	5.00	10	20
1222	20	N	N	N	.10	N	N	1.00	5	5
1223	30	N	65	N	.20	N	N	10.00	70	150
1224A	30	N	10	N	.10	N	N	3.00	10	10
1225A	50	700	280	N	.10	N	5	20.00	70	100
1225B	100	200	160	N	.70	N	1	7.00	70	100
1225C	200	500	220	N	.25	N	N	10.00	15	70
1226	50	N	20	N	.20	N	N	2.00	7	30
1227	70	N	20	N	.15	N	N	2.00	5	5
1228	300	N	95	N	.20	N	N	2.00	5	10
1230	70	200	90	N	.10	N	N	10.00	50	70
1236	20	200	100	N	.10	N	N	10.00	50	70
1236A	20	N	45	N	.15	N	N	5.00	10	20
1578	30	N	10	N	<.10	N	N	1.00	N	5
1792	N	N	55	N	<.10	N		1.50	5	20
1793	20	N	65	N	<.10	N		2.00	5	10
1793A	10	N	45	N	.20	N		2.00	10	20
1794	20	N	50	N	N	N		3.00	20	30
1795	10	N	40	N	N	N		5.00	30	100
1796	<10	N	25	N	N	N		1.50	7	30
1797	20	N	30	N	N	N		1.50	5	<5
1798	20	N	45	N	.10	N		1.00	7	10
1800	15	N	10	N	N	N		2.00	10	50
1801	15	N	30	N	N	N		1.00	<5	15

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
890	20	N	N	150	<1.0	N	.10	N	.05	50
896	70	N	N	100	1.5	50	1.00	N	1.00	1,000
1603	100	N	N	300	2.0	150	.30	20	2.00	700
1603A	100	N	N	300	1.5	100	.15	20	1.50	700
				Wiseman B6--continued						
1896	20	N	N	70	1.0	20	.20	N	.70	500
1899	20	N	N	50	1.0	20	.10	N	.50	500
1900	30	N	N	30	N	N	.70	N	1.00	700
1901	15	N	N	N	N	N	3.00	N	1.00	500
891	20	N	N	100	1.0	N	>20.00	N	.70	1,500
1208	50	N	N	200	N	70	10.00	20	1.00	700
1211	70	N	N	N	N	70	.20	20	5.00	>5,000
1211A	100	N	N	500	N	100	.70	20	2.00	1,000
1220A	70	N	N	200	1.0	50	1.00	N	.05	200
1221	70	N	N	100	1.0	50	.05	70	.20	1,000
1221A	20	N	N	N	N	30	<.05	N	.02	70
1221B	100	5	N	50	N	50	.05	20	.50	300
1222	20	N	N	200	N	20	<.05	N	.02	100
1223	200	N	N	50	1.0	20	5.00	N	10.00	2,000
1224A	20	N	N	1,000	3.0	50	.50	100	.50	500
1225A	50	N	N	N	1.0	50	2.00	300	10.00	2,000
1225B	70	N	N	500	3.0	200	.05	50	1.00	200
1225C	70	N	N	700	3.0	100	.20	70	2.00	700
1226	70	N	N	300	1.0	70	20.00	20	2.00	1,000
1227	N	N	20	300	3.0	70	.50	70	.20	500
1228	150	N	N	700	2.0	70	.20	70	.50	200
1230	200	N	N	500	2.0	200	2.00	20	5.00	300
1236	150	N	N	300	1.0	100	.20	70	10.00	5,000
1236A	150	10	N	300	2.0	100	.50	50	1.00	1,000
1578	N	N	N	50	N	20	20.00	N	.50	300
1792	20	N	N	50	<1.0	20	.05	20	.10	300
1793	50	N	N	200	3.0	150	.05	20	1.00	200
1793A	50	N	N	700	2.0	200	.70	20	.15	500
1794	30	N	N	100	3.0	50	.70	N	1.00	700
1795	300	N	N	N	N	N	3.00	N	2.00	1,000
1796	70	N	<10	100	2.0	<10	5.00	50	3.00	500
1797	<10	N	10	150	3.0	20	.10	50	.20	300
1798	15	N	10	200	2.0	20	.20	N	.50	200
1800	70	N	20	70	2.0	50	1.00	N	1.00	500
1801	50	N	N	100	2.0	50	10.00	N	1.00	700

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
890	N	5	N	.070	N	50	N	10	70
896	N	15	N	.500	N	150	N	30	100
1603	N	30	N	.700	N	200	N	30	200
1603A	N	20	N	1.000	N	150	N	20	300
				Wiseman B6--continued					
1896	N	10	N	.200	N	100	N	10	30
1899	N	7	N	.150	N	70	N	15	50
1900	N	10	100	.200	N	100	N	10	30
1901	N	10	150	.150	N	70	N	10	20
891	N	5	700	.070	N	30	N	20	50
1208	N	7	300	.100	N	100	N	30	50
1211	N	5	N	.100	N	50	N	20	100
1211A	N	20	N	.500	N	200	N	20	150
1220A	N	5	100	.150	N	100	N	20	20
1221	N	10	100	.700	N	100	N	20	300
1221A	N	N	N	.050	N	100	N	10	70
1221B	N	5	N	.200	N	100	N	50	70
1222	N	N	N	.100	N	10	N	<10	100
1223	N	30	200	1.000	N	300	N	50	70
1224A	N	7	N	.500	N	50	N	30	200
1225A	N	10	100	.200	N	70	N	100	100
1225B	N	10	N	1.000	N	100	N	70	500
1225C	N	10	N	1.000	N	100	N	50	300
1226	N	5	2,000	.200	N	20	N	50	200
1227	<20	7	N	.300	N	10	N	100	100
1228	<20	15	100	.700	N	200	N	30	200
1230	N	20	700	.500	N	300	N	30	150
1236	N	20	N	1.000	N	200	N	70	300
1236A	<20	20	N	1.000	N	200	N	50	500
1578	N	N	700	.030	N	10	N	70	N
1792	N	7	N	.100	N	70	N	<10	50
1793	N	15	N	.200	N	150	N	30	70
1793A	N	15	<100	.200	N	100	N	20	70
1794	N	15	150	.200	N	150	N	30	100
1795	N	30	500	.150	N	200	N	20	20
1796	N	7	300	.030	N	50	N	30	150
1797	N	5	N	.100	N	20	N	20	70
1798	N	7	N	.100	N	30	N	20	50
1800	N	15	150	.150	N	70	N	20	30
1801	N	10	700	.100	N	50	N	15	30

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1804	67 28 51	152 38 22	N	<2	N	10	--	N	--	<.5	15
1807	67 26 10	152 32 55	N	2	N	N	--	N	--	N	15
					Wiseman C1--continued						
1140B	67 30 59	150 6 57	N	N	N	50	.02	N	N	N	7
1079	67 43 36	150 3 54	N	7	N	30	--	N	N	.5	30
1084	67 37 36	150 4 56	N	6	N	25	--	N	N	2.0	30
1111	67 43 54	150 28 8	N	N	N	35	--	N	N	N	15
1112	67 41 25	150 25 50	N	N	N	10	--	N	N	N	30
1113	67 39 51	150 23 13	N	N	N	10	--	N	N	N	20
1114	67 39 44	150 24 56	N	5	N	15	--	N	N	1.0	200
1115	67 38 27	150 23 34	N	N	N	10	--	N	N	N	20
1115A	67 38 27	150 23 34	N	7	N	150	--	N	N	<.5	50
1115B	67 38 27	150 23 34	N	10	N	30	--	N	N	1.5	150
1116A	67 36 48	150 21 30	N	5	N	15	--	N	N	.5	15
1117	67 39 41	150 15 46	N	9	N	10	--	N	N	.5	30
1118	67 35 57	150 22 43	N	N	N	10	--	N	N	N	50
1119A	67 35 41	150 23 48	N	N	N	10	--	N	N	N	30
1121A	67 34 1	150 24 53	N	20	N	50	--	N	N	<.5	50
1121B	67 34 1	150 24 53	N	11	N	25	--	N	N	1.5	30
1140	67 30 59	150 6 57	N	N	N	10	.02	N	N	3.0	150
1108B	67 44 42	150 21 35	N	N	N	10	--	N	N	N	70
1809	67 33 18	150 17 14	N	3	N	10	--	N	--	N	7
1810	67 33 18	150 17 57	N	<2	N	N	--	N	--	N	<5
1813	67 32 31	150 17 26	N	<2	N	10	--	N	--	N	10
1815	67 31 50	150 7 16	N	2	N	5	--	N	--	N	20
1816	67 32 32	150 3 3	N	<2	N	N	--	N	--	N	N
1824	67 44 25	150 17 25	N	2	N	N	--	N	--	N	15
1825	67 44 25	150 17 25	N	<2	N	N	--	N	--	N	<5
					Wiseman C2--continued						
1985A	67 31 49	150 52 55	N	N	N	N	--	N	--	N	5
1984	67 31 51	150 51 50	N	N	N	N	--	N	--	N	30
1985	67 31 49	150 52 55	N	N	N	N	--	N	--	N	5
1986	67 34 27	150 45 45	N	3	N	10	--	N	--	N	30
1987	67 32 24	150 38 37	N	N	N	N	--	N	--	N	15
1988	67 32 36	150 39 25	N	N	N	5	--	N	--	N	10
1990	67 36 17	150 35 32	N	7	N	10	--	N	--	N	30
1991	67 35 59	150 35 43	N	8	N	1	--	N	--	N	50
1993	67 30 30	150 32 34	N	2	N	5	--	N	--	N	15
936	67 44 59	150 49 32	N	N	N	10	<.02	N	N	N	15

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
1804	20	N	60	N	N	N	---	2.00	10	30
1807	10	N	50	N	N	N	---	2.00	7	20
				Wiseman C1--continued						
1140B	50	N	25	N	.30	N	---	2.00	30	30
1079	30	N	110	N	.30	N	N	5.00	15	150
1084	10	N	50	N	.30	N	N	1.50	15	50
1111	N	N	5	N	<.05	10	N	.50	N	10
1112	70	N	20	N	.20	N	N	2.00	15	30
1113	N	N	40	N	.15	N	N	5.00	10	20
1114	30	300	340	N	8.30	N	N	.50	5	50
1115	10	N	60	N	1.70	N	N	5.00	15	30
1115A	10	N	70	N	.15	N	N	1.50	15	50
1115B	50	300	200	N	1.00	N	N	7.00	50	150
1116A	30	N	65	N	.15	N	N	1.50	5	30
1117	10	<200	150	N	.15	N	N	1.50	5	50
1118	20	<200	110	N	.10	N	N	1.50	30	50
1119A	20	<200	100	N	<.05	N	N	7.00	15	30
1121A	10	N	20	N	.10	<10	N	1.00	5	30
1121B	20	N	90	N	.40	N	N	3.00	20	50
1140	1,000	N	10	N	.30	10	N	2.00	20	30
1108B	20	<200	70	N	.40	N	N	20.00	15	30
1809	10	N	70	N	.10	N	---	1.50	15	20
1810	<10	N	20	N	N	N	---	.70	<5	10
1813	50	N	40	N	.10	N	---	3.00	10	10
1815	10	N	70	N	<.10	N	---	5.00	20	20
1816	<10	N	10	N	.30	N	---	1.00	N	5
1824	10	N	90	N	.60	N	---	2.00	15	30
1825	20	N	30	N	1.20	N	---	2.00	7	10
				Wiseman C2--continued						
1985A	15	N	20	N	.40	N	---	1.50	<5	10
1984	10	N	35	N	.20	N	---	3.00	20	30
1985	<10	N	55	N	.20	N	---	3.00	20	20
1986	20	N	110	N	.10	N	---	2.00	10	20
1987	15	N	75	N	.10	N	---	2.00	10	15
1988	<10	N	90	N	.20	N	---	2.00	10	15
1990	<10	N	65	N	.30	N	---	1.50	15	50
1991	10	N	75	N	.40	N	---	1.50	15	30
1993	50	N	70	N	.40	N	---	3.00	20	15
936	N	N	80	N	.15	N	N	7.00	10	20

Table 4. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
1804	30	N	N	5,000	2.0	70	.10	N	.70	300
1807	30	N	N	100	1.0	50	.15	30	.20	500
				Wiseman C1--continued						
1140B	20	N	N	30	N	15	2.00	N	.70	>5,000
1079	100	30	N	1,000	1.5	150	1.00	50	.70	100
1084	50	20	N	1,500	1.0	50	.10	N	.15	50
1111	10	N	N	70	N	20	.05	30	.02	50
1112	70	5	N	150	N	N	2.00	N	1.00	5,000
1113	20	N	N	100	N	50	10.00	N	3.00	5,000
1114	70	N	N	500	N	70	.15	N	.20	100
1115	30	10	N	20	N	30	15.00	N	2.00	3,000
1115A	50	15	N	2,000	1.0	70	.10	N	.20	50
1115B	150	10	N	700	1.0	150	.20	N	1.50	150
1116A	70	15	N	1,000	1.0	100	.07	N	.30	70
1117	50	20	N	1,500	1.5	100	<.05	N	.30	20
1118	100	<5	N	500	N	100	.10	N	1.00	1,500
1119A	150	N	N	300	2.0	150	.15	50	1.50	300
1121A	30	70	N	500	<1.0	70	<.05	20	.15	50
1121B	100	30	N	700	1.0	200	.10	20	.50	70
1140	<10	10	N	20	N	N	10.00	20	.30	3,000
1108B	100	N	N	500	5.0	300	5.00	N	1.00	>5,000
1809	15	N	N	150	<1.0	70	.70	N	.30	2,000
1810	10	N	N	50	<1.0	30	.10	N	.20	200
1813	20	N	N	100	<1.0	20	3.00	N	2.00	2,000
1815	30	N	N	150	1.5	200	2.00	N	1.50	2,000
1816	N	N	N	<20	N	<10	3.00	N	.70	2,000
1824	30	N	N	200	<1.0	50	5.00	N	2.00	1,000
1825	30	N	N	100	N	20	7.00	N	.70	2,000
				Wiseman C2--continued						
1985A	<10	N	N	20	N	<10	2.00	N	.70	1,500
1984	70	N	N	150	1.0	30	3.00	N	1.50	1,000
1985	50	N	N	100	<1.0	15	2.00	N	2.00	1,500
1986	50	N	N	200	2.0	200	.05	20	.70	100
1987	30	N	N	100	1.0	100	1.50	N	1.00	70
1988	20	N	N	150	1.0	70	1.50	N	1.00	1,500
1990	30	N	N	500	1.0	100	.50	N	.70	300
1991	30	N	N	700	1.5	70	.70	N	1.00	300
1993	15	N	N	70	<1.0	30	3.00	N	1.50	5,000
936	20	N	N	N	N	<10	.70	N	1.00	2,000

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb ppm s	Sc ppm s	Sr ppm s	Ti pct. s	Th ppm s	V ppm s	W ppm s	Y ppm s	Zr ppm s
1804	N	10	100	.200	N	100	N	20	70
1807	N	10	N	.200	N	100	N	20	100
				Wiseman C1--continued					
1140B	N	7	200	.100	N	100	N	30	30
1079	N	10	<100	.700	N	500	N	30	100
1084	N	5	N	.300	N	700	N	N	50
1111	N	5	N	.100	N	20	N	10	70
1112	N	15	300	.200	N	100	N	20	100
1113	N	10	300	.100	N	50	N	30	50
1114	N	5	N	.150	N	500	N	10	50
1115	N	7	500	.050	N	50	N	20	20
1115A	N	7	N	.150	N	70	N	10	70
1115B	N	20	200	.300	N	500	N	15	150
1116A	N	10	100	.200	N	200	N	20	100
1117	N	10	N	.200	N	300	N	20	100
1118	N	20	100	.500	N	150	N	20	100
1119A	N	20	100	.700	N	200	N	50	300
1121A	N	5	N	.100	N	300	N	20	50
1121B	N	15	N	.300	N	500	N	20	100
1140	N	15	700	.050	N	10	N	50	N
1108B	N	15	700	.300	N	150	N	50	100
1809	N	7	<100	.070	N	150	N	15	30
1810	N	5	N	.070	N	50	N	<10	20
1813	N	15	300	.150	N	100	N	20	20
1815	N	20	300	.300	N	150	N	20	50
1816	N	7	300	.010	N	<10	N	30	N
1824	N	10	500	.150	N	150	N	15	20
1825	N	7	700	.100	N	70	N	15	20
				Wiseman C2--continued					
1985A	N	7	150	.020	N	15	N	15	10
1984	N	20	150	.150	N	150	N	20	30
1985	N	20	100	.200	N	150	N	20	30
1986	N	15	100	.200	N	150	N	20	70
1987	N	10	100	.100	N	70	N	15	50
1988	N	10	150	.150	N	70	N	30	50
1990	N	7	<100	.100	N	100	N	N	30
1991	N	10	<100	.100	N	100	N	10	30
1993	N	15	500	.100	N	100	N	30	30
936	N	5	100	.100	N	100	N	15	50

Table 8. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
990	67 41 57	150 55 46	N	N	N	5		N	N	N	70
998	67 37 1	150 55 2	N	N	N	5		N	N	N	20
998A	67 37 1	150 55 2	N	N	N	5		N	N	N	20
1002	67 39 35	150 49 12	N	N	N	5		N	N	<.5	30
1005	67 40 20	150 41 53	N	N	N	5		N	N	N	100
1029	67 43 44	150 39 2	N	N	N	5		N	N	N	70
1030	67 43 26	150 39 25	N	N	N	5		N	N	N	5
1006	67 37 36	150 42 0	N	2	N	5		N	N	N	70
1092	67 32 44	150 51 9	N	<2	N	20		N	N	N	15
1093A	67 30 19	150 54 48	N	N	N	15		N	N	N	15
1093B	67 30 19	150 54 48	N	N	N	15		N	N	N	<5
1094	67 33 58	150 46 11	N	N	N	30		N	N	N	50
1094A	67 33 58	150 46 11	N	N	N	35		N	N	.5	70
1096A	67 30 39	150 46 29	N	N	N	15		N	N	N	N
1096B	67 30 39	150 46 29	N	N	N	20		N	N	N	20
1097A	67 31 28	150 41 2	N	N	N	20		N	N	N	100
1097B	67 31 28	150 41 2	N	5	N	15		N	N	2.0	20
1101	67 43 59	150 51 39	N	4	N	30		N	N	N	5
1101A	67 43 59	150 51 39	N	4	N	35		N	N	N	15
1101B	67 43 59	150 51 39	N	2	N	100		N	N	N	5
1101C	67 43 59	150 51 39	N	10	N	50		N	N	N	5
1122	67 35 40	150 33 29	N	<2	N	5		N	N	N	50
1122B	67 35 40	150 33 29	N	3	N	25		N	N	N	70
1123A	67 35 9	150 33 52	N	N	N	5		N	N	N	7
1123B	67 35 9	150 33 52	N	N	N	10		N	N	N	500
846	67 42 5	151 23 19	N	<2	N	<5		N	N	.5	50
852	67 43 16	151 19 41	N	<2	N	<5	.02	N	N	N	70
853	67 41 22	151 26 1	N	3	N	25		N	N	.7	30
857	67 39 25	151 12 7	N	<2	N	<5	.02	N	N	N	50
859	67 37 52	151 19 35	N	<2	N	<5		N	N	N	10
863	67 36 1	151 9 13	N	<2	N	10		N	N	N	15
864	67 36 25	151 12 59	N	<2	N	5		N	N	N	10
974A	67 44 57	151 10 23	N	N	N	5	<.02	N	N	N	30
974B	67 44 57	151 10 23	N	N	N	5	<.02	N	N	N	20
980	67 44 10	151 13 0	N	2	N	5	.06	N	N	.5	50

Wiseman C3--continued

981	67 44 27	151 6 20	N	8	N	65	.04	N	N	.7	500
981A	67 44 27	151 6 20	N	N	N	5	.06	N	N	N	100
982	67 44 25	151 7 8	N	N	N	5	.06	N	N	N	70
982A	67 44 25	151 7 8	N	N	N	5	<.02	N	N	N	30
982B	67 44 25	151 7 8	N	N	N	10	<.02	N	N	N	70

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
990	N	N	40	N	.30	N	N	10.00	50	20
998	700	N	500	N	1.10	N	N	10.00	20	30
998A	50	<200	55	N	.15	N	N	20.00	10	10
1002	N	N	25	N	.10	N	N	1.50	5	20
1005	10	N	50	N	.20	N	N	7.00	15	15
1029	10	N	60	N	.65	N	25	7.00	30	30
1030	N	N	50	N	1.00	N	N	5.00	N	10
1006	N	N	30	N	.20	N	N	7.00	30	30
1092	N	300	340	N	3.00	N	N	1.00	10	20
1093A	N	N	20	N	.05	N	1	1.00	5	15
1093B	N	N	20	N	.15	N	N	3.00	<5	10
1094	50	<200	100	N	<.05	N	1	7.00	20	50
1094A	100	200	190	N	.15	N	N	10.00	30	70
1096A	20	N	40	N	.20	N	N	15.00	10	30
1096B	N	N	65	N	.55	N	N	1.50	10	30
1097A	70	N	75	N	.20	N	1	7.00	30	50
1097B	100	N	10	N	.10	15	1	1.00	<5	20
1101	20	N	10	N	.10	N	N	.70	N	<5
1101A	50	<200	140	N	.30	N	N	1.50	N	<5
1101B	N	N	50	N	.40	N	N	1.50	N	<5
1101C	30	N	10	N	.15	N	1	1.50	N	N
1122	N	N	75	N	.25	N	N	7.00	30	30
1122B	70	N	30	N	.10	N	N	5.00	20	30
1123A	30	N	20	N	.15	N	N	3.00	7	15
1123B	15	N	20	N	.15	N	N	3.00	5	10
846	20	<200	120	N	.45	N	N	2.00	N	30
852	10	N	100	N	.40	N	<1	5.00	30	50
853	15	N	90	N	.95	N	<1	1.00	5	20
857	15	N	85	N	.25	N	<1	7.00	30	20
859	<10	N	80	N	2.30	N	<1	3.00	20	30
863	10	N	20	N	.10	N	<1	2.00	10	15
864	10	N	15	N	.10	N	<1	5.00	10	20
974A	N	<200	150	N	.45	N	N	7.00	15	30
974B	10	N	65	N	.40	N	N	5.00	30	100
980	20	N	35	N	.60	N	N	2.00	5	30

Wiseman C3--continued

981	30	N	25	N	.05	N	3	10.00	20	20
981A	50	N	90	N	.45	N	N	7.00	20	30
982	10	N	110	N	.50	N	N	5.00	10	50
982A	N	N	50	N	.20	N	N	2.00	15	30
982B	20	N	120	N	1.20	N	4	5.00	20	30

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
990	150	N	N	70	N	70	10.00	N	5.00	2,000
998	70	N	N	100	1.0	70	15.00	N	7.00	>5,000
998A	70	N	N	150	3.0	100	.50	N	1.00	5,000
1002	50	N	N	300	1.5	50	.20	20	.20	500
1005	70	N	N	150	1.0	100	3.00	30	2.00	5,000
1029	150	N	N	100	1.0	20	5.00	N	2.00	1,000
1030	10	5	N	300	N	N	10.00	50	10.00	2,000
1086	500	N	N	150	N	30	10.00	N	3.00	1,500
1092	50	5	N	500	<1.0	50	.20	20	.10	1,500
1093A	50	<5	N	200	N	N	.20	20	.30	700
1093B	15	10	N	20	N	N	3.00	20	.70	1,500
1094	100	N	N	300	1.5	150	.05	N	1.00	700
1094A	150	N	N	300	1.5	200	.15	20	1.50	700
1096A	10	10	N	N	1.0	10	15.00	N	5.00	5,000
1096B	20	N	N	70	1.0	N	1.00	30	.70	1,000
1097A	100	N	N	150	N	100	.10	N	1.50	>5,000
1097B	50	7	N	150	N	70	<.05	N	.10	300
1101	N	N	N	500	2.0	50	<.05	N	.05	20
1101A	N	10	N	150	2.0	N	<.05	70	.07	500
1101B	N	7	N	150	3.0	N	N	N	.05	50
1101C	N	15	N	1,000	5.0	100	N	N	.05	20
1122	100	10	N	500	1.5	200	7.00	N	2.00	2,000
1122B	100	10	N	300	2.0	200	1.00	N	1.00	1,500
1123A	10	10	N	100	<1.0	N	5.00	N	1.50	3,000
1123B	10	5	N	70	<1.0	N	5.00	N	2.00	2,000
846	30	5	N	1,000	1.5	30	.50	N	.70	150
852	300	N	N	300	1.0	10	2.00	N	3.00	1,000
853	20	7	N	300	1.0	20	.20	N	.50	200
857	100	N	N	300	1.5	10	2.00	N	3.00	2,000
859	50	N	N	200	<1.0	15	3.00	N	2.00	2,000
863	30	N	N	300	1.0	20	.50	20	.30	500
864	20	N	N	200	1.0	30	.70	N	.50	2,000
974A	70	N	N	700	1.0	50	.20	30	2.00	1,500
974B	200	N	N	500	1.0	70	5.00	50	3.00	2,000
980	70	7	N	300	1.0	N	<.05	20	.70	200
Wiseman C3--continued										
981	50	N	N	200	<1.0	N	.05	30	.50	700
981A	70	10	N	500	1.5	50	.07	30	2.00	2,000
982	70	N	N	500	1.5	20	.07	30	1.50	1,500
982A	50	N	N	300	1.5	N	.05	N	.70	500
982B	30	N	N	100	<1.0	N	3.00	20	1.50	5,000

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
990	N	30	N	.700	N	500	N	30	70
998	N	10	300	.150	N	100	N	30	50
998A	N	10	N	.200	N	70	N	30	150
1002	N	5	N	.150	N	100	N	30	100
1005	N	15	300	.200	N	150	N	30	150
1029	N	50	300	.500	N	150	N	30	70
1030	N	N	300	.010	N	50	N	20	N
1006	N	30	500	.300	N	300	N	30	30
1092	N	7	N	.150	N	50	N	20	70
1093A	N	5	N	.100	N	70	N	15	50
1093B	N	5	100	.002	N	20	N	20	N
1094	N	20	N	.700	N	200	N	50	300
1094A	N	30	N	.100	N	200	N	30	200
1096A	N	N	500	.010	N	20	N	15	N
1096B	N	5	N	.100	N	50	N	15	100
1097A	N	15	N	.300	N	150	N	20	100
1097B	N	10	N	.150	N	100	N	15	70
1101	30	N	N	.070	N	N	N	70	700
1101A	30	N	N	.070	N	N	N	100	700
1101B	30	N	N	.050	N	N	N	70	700
1101C	30	N	N	.150	N	N	N	100	700
1122	N	30	150	.500	N	300	N	30	70
1122B	N	20	150	.300	N	150	N	30	150
1123A	N	10	300	.070	N	50	N	30	50
1123B	N	7	500	.020	N	20	N	30	N
846	N	7	100	.200	N	200	N	10	50
852	N	15	300	1.000	N	200	N	30	100
853	N	5	N	.150	N	150	N	N	50
857	N	15	150	1.000	N	200	N	30	150
859	N	7	N	.150	N	100	N	15	70
863	N	7	100	.150	N	70	N	30	100
864	N	7	N	.100	N	50	N	20	70
974A	N	20	N	>1.000	N	300	N	30	150
974B	N	15	700	.300	N	150	N	30	150
980	N	7	N	.300	N	150	N	10	70

Wiseman C3--continued

981	N	10	N	.300	N	100	N	30	100
981A	N	15	N	.500	N	150	N	50	200
982	N	10	200	.500	N	150	N	20	200
982A	N	7	N	.150	N	70	N	15	70
982B	N	10	700	.100	N	70	N	15	100

Table . Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
982C	67 44 25	151 7 8	N	3	N	15	<.02	N	N	N	50
983A	67 43 38	151 5 5	N	N	N	30	<.02	N	N	N	30
983B	67 43 38	151 5 5	N	5	N	10	.04	N	N	.5	15
984A	67 43 23	151 5 33	N	N	N	5	.04	N	N	N	30
984B	67 43 23	151 5 33	N	N	N	5	<.02	N	N	N	7
986	67 42 47	151 1 3	N	7	N	5	.06	N	N	<.5	50
979	67 44 22	151 13 11	N	3	N	15	[illegible]	N	N	N	150
1717	67 31 7	151 21 7	N	N	N	10	[illegible]	N	N	N	15
1740	67 39 36	151 23 6	300	200	N	10	[illegible]	N	N	N	10
1741	67 41 40	151 25 24	200	150	N	N	[illegible]	N	N	N	10
1742	67 42 27	151 26 19	<100	11	N	10	[illegible]	N	N	N	50
Wiseman C4--continued											
1920	67 37 8	151 57 18	N	N	N	35	[illegible]	N	[illegible]	N	5
1921	67 37 8	151 51 7	N	N	N	45	[illegible]	N	[illegible]	N	100
1931	67 35 25	151 58 18	N	N	N	40	[illegible]	N	[illegible]	N	<5
1966	67 44 20	151 41 14	N	N	N	N	[illegible]	N	[illegible]	N	5
723A	67 37 55	151 56 7	N	N	N	<5	[illegible]	N	N	N	50
723B	67 37 55	151 56 7	N	N	N	<5	[illegible]	N	N	N	15
752	67 35 7	151 47 34	N	N	N	5	[illegible]	N	N	<.5	15
757	67 39 11	151 49 29	N	N	N	<5	[illegible]	N	N	N	10
770A	67 43 17	151 51 24	N	N	N	5	[illegible]	N	N	N	10
770B	67 43 17	151 51 24	N	N	N	15	[illegible]	N	N	N	10
773	67 44 23	151 52 35	N	N	N	<5	[illegible]	N	N	N	5
1744	67 42 32	151 30 28	<100	25	N	5	[illegible]	N	N	N	20
1745	67 41 4	151 31 41	N	8	N	10	[illegible]	N	N	N	30
1747	67 41 30	151 34 40	N	21	N	30	[illegible]	N	N	.7	50
1748	67 40 42	151 36 58	N	5	N	15	[illegible]	N	N	N	30
1749	67 38 45	151 37 11	N	10	N	10	[illegible]	N	N	<.5	30
1750	67 38 57	151 36 49	N	5	N	5	[illegible]	N	N	N	50
1751	67 36 14	151 33 36	N	7	N	15	[illegible]	N	N	N	100
1752	67 35 53	151 33 57	N	3	N	10	[illegible]	N	N	N	20
1753	67 33 41	151 30 40	N	6	N	15	[illegible]	N	N	N	30
1754	67 31 5	151 31 39	N	3	N	10	[illegible]	N	N	N	10
1755	67 30 21	151 32 48	N	5	N	25	[illegible]	N	N	N	30
Wiseman C5--continued											
706	67 36 31	152 28 1	N	N	N	<5	[illegible]	N	N	N	5
725A	67 44 47	152 2 41	N	N	N	5	[illegible]	N	N	N	<5
725B	67 44 47	152 2 41	N	N	N	5	[illegible]	N	N	N	15
731A	67 44 39	152 13 3	N	N	N	<5	[illegible]	N	N	N	150
731B	67 44 39	152 13 3	N	N	N	<5	[illegible]	N	N	N	20

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
982C	70	N	75	N	.35	N	N	7.00	30	200
983A	10	N	30	N	.15	N	4	3.00	10	20
983B	10	N	30	N	.60	N	N	1.00	N	15
984A	10	<200	95	N	.40	N	N	5.00	7	20
984B	N	N	70	N	1.80	N	N	1.50	N	10
986	N	<200	20	N	.75	N	N	5.00	20	50
979	N	<200	200	N	1.00	N	N	7.00	20	20
1717	N	N	15	N	<.10	N	N	1.00	5	10
1740	30	N	75	N	.20	N	N	3.00	10	30
1741	10	N	70	N	1.00	N	N	2.00	<5	20
1742	10	N	90	N	.30	N	N	5.00	30	50
Wiseman C4--continued										
1920	<10	N	55	N	.60	N	[illegible]	2.00	5	15
1921	<10	N	55	N	.20	N	[illegible]	2.00	20	50
1931	50	N	75	N	.40	N	[illegible]	1.50	10	20
1966	<10	N	60	N	.40	N	[illegible]	1.00	7	15
723A	N	N	70	N	.10	N	<1	7.00	30	70
723B	N	N	35	N	.10	N	<1	7.00	20	15
752	N	N	45	N	.15	N	<1	5.00	15	20
757	30	N	65	N	.15	N	<1	3.00	30	50
770A	15	N	55	N	.35	N	<1	7.00	15	15
770B	15	N	20	N	.15	N	<1	2.00	15	20
773	<10	N	100	N	.20	N	<1	5.00	20	30
1744	N	N	20	N	.10	N	N	1.00	<5	15
1745	N	N	50	N	.20	N	N	2.00	5	20
1747	N	N	65	N	.40	N	N	2.00	5	50
1748	50	N	40	N	<.10	N	N	5.00	30	50
1749	20	N	30	N	.30	N	N	1.00	<5	20
1750	N	N	20	N	.10	N	N	1.50	<5	10
1751	N	N	60	N	.10	N	[illegible]	3.00	20	30
1752	N	N	35	N	.20	N	[illegible]	3.00	10	30
1753	N	N	55	N	.40	N	[illegible]	2.00	10	30
1754	N	N	20	N	.10	N	[illegible]	1.50	5	15
1755	<10	N	70	N	.20	N	[illegible]	5.00	20	30
Wiseman C5--continued										
706	N	N	10	N	.05	N	<1	1.00	5	20
725A	<10	N	5	N	.15	N	<1	.70	N	10
725B	30	N	30	N	.60	N	<1	2.00	7	15
731A	100	300	320	N	7.20	N	<1	3.00	20	50
731B	10	N	30	N	.10	N	<1	5.00	15	30

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
982C	500	N	N	50	1.0	10	10.00	50	5.00	2,000
983A	100	N	N	500	1.5	20	.07	30	1.00	500
983B	20	7	N	200	1.0	N	.05	30	.50	200
984A	70	N	N	200	1.0	50	.07	N	1.50	1,500
984B	20	N	N	100	N	N	<.05	N	.30	500
986	100	N	N	700	1.5	100	.05	N	1.50	1,000
979	20	10	N	30	1.5	30	7.00	N	1.00	2,000
1717	30	N	N	70	N	10	.30	N	.15	300
1740	20	N	N	200	1.0	30	15.00	N	1.50	3,000
1741	N	N	N	5,000	1.0	20	10.00	N	1.00	3,000
1742	70	N	N	500	1.0	50	2.00	N	2.00	1,500
				Wiseman C4--continued						
1920	N	N	N	20	N	10	1.00	N	.70	1,000
1921	100	N	N	100	1.0	50	.30	20	1.00	1,000
1931	N	N	N	<20	N	<10	.20	N	.50	500
1966	15	N	N	150	1.0	15	.15	N	.30	300
723A	300	N	N	70	N	10	3.00	N	3.00	1,000
723B	15	N	N	30	N	15	5.00	N	2.00	1,500
752	70	N	N	500	<1.0	10	5.00	N	1.50	700
757	10	N	N	30	<1.0	N	7.00	N	3.00	1,500
770A	N	N	N	N	N	10	10.00	N	3.00	5,000
770B	70	N	N	200	1.0	50	1.00	20	.70	700
773	15	N	N	150	N	15	20.00	N	5.00	2,000
1744	N	N	N	150	N	15	5.00	N	.30	2,000
1745	10	10	N	300	N	20	15.00	N	1.00	500
1747	30	N	N	500	1.0	70	.10	N	.30	50
1748	50	N	N	300	1.5	50	.20	N	.50	300
1749	20	N	N	200	N	30	5.00	N	.50	1,500
1750	10	N	N	100	N	50	7.00	N	.50	500
1751	30	N	N	700	<1.0	30	3.00	N	1.50	1,000
1752	20	N	N	1,000	<1.0	20	20.00	N	3.00	700
1753	30	N	N	700	<1.0	30	3.00	N	.70	700
1754	N	N	N	1,000	<1.0	15	20.00	N	.70	700
1755	70	N	N	500	1.5	70	5.00	20	1.50	1,000
				Wiseman C5--continued						
706	50	N	N	200	N	20	.70	30	.30	300
725A	N	N	N	20	N	N	15.00	20	.20	500
725B	20	N	N	200	N	15	5.00	N	1.50	2,000
731A	50	N	N	150	<1.0	20	1.50	N	1.50	1,000
731B	50	N	N	150	1.0	15	10.00	N	2.00	1,500

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
982C	N	20	2,000	.700	N	200	N	30	100
983A	N	10	N	.300	N	150	N	20	150
983B	N	5	N	.100	N	200	N	20	50
984A	N	15	N	.200	N	100	N	20	100
984B	N	5	N	.070	N	50	N	N	30
986	N	20	N	.300	N	200	N	50	200
979	N	20	500	1.000	N	300	N	50	100
1717	N	5	N	.200	N	30	N	N	200
1740	N	15	700	.200	N	150	N	30	70
1741	N	5	500	.070	N	150	N	N	15
1742	N	20	100	.500	N	200	N	20	150
				Wiseman C4--continued					
1920	N	<5	N	.050	N	15	N	<10	15
1921	N	15	<100	.200	N	150	N	20	100
1931	N	N	N	.007	N	20	N	N	N
1966	N	5	N	.100	N	70	N	10	30
723A	N	50	300	.300	N	200	N	50	70
723B	N	20	200	.300	N	300	N	30	100
752	N	15	200	.200	N	150	N	20	70
757	N	5	200	.050	N	30	N	30	10
770A	N	15	200	.150	N	50	N	30	10
770B	N	5	N	.200	N	70	N	30	150
773	N	10	100	.050	N	50	N	15	20
1744	N	5	100	.070	N	50	N	10	20
1745	N	7	300	.100	N	200	N	N	10
1747	N	<5	N	.100	N	300	N	N	50
1748	N	5	N	.150	N	100	N	10	100
1749	N	5	200	.100	N	150	N	30	30
1750	N	5	700	.070	N	100	N	N	N
1751	N	20	150	.150	N	300	N	10	30
1752	N	7	700	.150	N	200	N	10	30
1753	N	7	100	.100	N	100	N	10	20
1754	N	5	700	.100	N	150	N	10	20
1755	N	20	200	.300	N	150	N	20	200
				Wiseman C5--continued					
706	N	5	<100	.100	N	100	N	20	70
725A	N	<5	700	.030	N	20	N	20	N
725B	N	15	150	.100	N	70	N	10	50
731A	N	10	100	.150	N	70	N	20	70
731B	N	15	<100	.200	N	70	N	30	100

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
702	67 36 25	152 22 27	N	<2	N	N		N	N	N	N
1773	67 34 10	152 27 52	N	N	N	<5		N		N	10
1774	67 34 0	152 26 41	N	3	N	10		N		N	10
1776	67 40 16	152 19 45	N	<2	N	N		N		N	5
1778	67 40 23	152 25 47	N	2	N	5		N		N	5
1779	67 31 28	152 23 29	N	2	N	20		N		<.5	50
1780	67 32 35	152 18 27	N	1	N	5		N		N	<5
1781	67 32 36	152 19 5	N	2	N	10		N		N	70
1783	67 33 1	152 11 14	N	4	N	20		N		N	5
1786	67 30 58	152 3 26	N	3	N	<5		N		N	<5
		Wiseman C6--continued									
1191	67 38 15	152 57 21	N	N	N	<5		N	N	N	30
1199	67 39 1	152 47 30	N	<2	N	20		N	N	N	30
1200A	67 41 33	152 45 28	N	N	N	<5		N	N	5.0	5
1200B	67 41 33	152 45 28	N	N	N	10		N	N	N	15
1200C	67 41 33	152 45 28	N	N	N	<5		N	N	N	30
1202	67 40 25	152 36 58	N	<2	N	15		N	N	N	20
1202A	67 40 25	152 36 58	N	2	N	20		N	N	N	70
1203	67 32 44	152 55 20	N	N	N	<5		N	N	N	20
1203A	67 32 44	152 55 20	N	N	N	<5		N	N	N	70
1204	67 32 26	152 54 36	N	N	N	10		N	N	N	20
1212A	67 31 36	152 39 28	N	N	N	5		N	N	N	5
1213	67 33 19	152 40 10	N	<2	N	15		N	N	N	70
1213A	67 33 19	152 40 10	N	<2	N	20		N	N	N	100
1214	67 31 7	152 45 47	N	N	N	<5		N	N	N	50
1214A	67 31 7	152 45 47	N	N	N	<5		N	N	N	30
1215A	67 30 57	152 44 58	N	N	N	20		N	N	N	30
1217A	67 34 42	152 47 55	N	1	N	15		N	N	N	50
1217B	67 34 42	152 47 55	N	N	N	<5		N	N	N	10
1218	67 35 22	152 46 10	N	2	N	80		N	N	N	20
1763	67 38 25	152 40 22	N	3	N	5		N		N	5
1764	67 40 15	152 47 10	N	2	N	5		N		N	7
1766	67 34 48	152 50 50	N	<2	N	5		N		N	15
1767	67 35 41	152 42 18	N	2	N	N		N		1.0	<5
1768	67 35 41	152 39 58	N	<2	N	N		N		N	<5
1769	67 35 29	152 35 50	N	2	N	5		N		<.5	15

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
702	N	N	50	N	.10	N	N	1.50	20	20
1773	10	N	45	N	N	N	[illegible]	2.00	10	30
1774	<10	N	35	N	N	N	[illegible]	1.50	10	20
1776	N	N	20	N	N	N	[illegible]	.50	<5	10
1778	<10	N	75	N	.20	N	[illegible]	.70	5	15
1779	50	N	55	N	.60	N	[illegible]	2.00	7	30
1780	10	N	30	N	.50	N	[illegible]	1.00	5	10
1781	10	N	65	N	<.10	N	[illegible]	3.00	20	50
1783	70	N	35	N	N	N	[illegible]	1.00	N	7
1786	20	N	30	N	.80	N	[illegible]	.70	N	<5
					Wiseman C6--continued					
1191	50	N	75	N	.05	N	N	5.00	5	50
1199	200	N	50	N	.70	N	N	5.00	50	30
1200A	3,000	N	20	N	2.00	N	N	1.00	N	5
1200B	20	N	40	N	.10	N	N	1.00	N	30
1200C	20	N	160	N	3.40	N	N	2.00	5	20
1202	50	N	15	N	.25	N	N	5.00	30	50
1202A	50	200	15	N	1.20	N	N	5.00	30	150
1203	70	N	35	N	.35	N	N	2.00	10	20
1203A	20	N	90	N	.30	N	N	5.00	20	100
1204	N	N	130	N	.10	N	N	5.00	30	100
1212A	N	N	5	N	.10	N	N	3.00	10	20
1213	N	N	90	N	.10	N	N	5.00	30	50
1213A	10	N	30	N	.10	N	N	7.00	10	30
1214	20	N	90	N	.10	N	N	3.00	20	100
1214A	10	N	70	N	.30	N	N	5.00	30	70
1215A	70	N	35	N	.15	N	N	3.00	30	70
1217A	10	N	35	N	.10	N	N	3.00	30	50
1217B	10	N	45	N	.10	N	N	2.00	10	20
1218	30	N	N	N	.10	N	N	1.00	N	30
1763	<10	N	45	N	.10	N	[illegible]	2.00	10	30
1764	<10	N	65	N	.40	N	[illegible]	1.50	10	30
1766	<10	N	50	N	N	N	[illegible]	2.00	15	20
1767	150	N	20	N	1.40	N	[illegible]	.70	N	5
1768	<10	N	80	N	2.50	N	[illegible]	.30	N	10
1769	10	N	45	N	N	N	[illegible]	2.00	10	20

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr--ppm s	Mo--ppm s	Sn--ppm s	Ba--ppm s	Be--ppm s	B--ppm s	Ca--pct. s	La--ppm s	Mg--pct. s	Mn--ppm s
702	10	N	N	100	N	N	2.00	N	1.50	1,500
1773	50	N	N	150	<1.0	30	1.50	N	.50	1,000
1774	20	N	N	100	<1.0	30	.50	N	.50	700
1776	20	N	N	100	<1.0	20	.20	N	.15	200
1778	15	N	N	150	1.0	30	1.00	N	.15	1,000
1779	20	N	N	150	1.0	30	.70	N	.50	1,500
1780	10	N	N	100	<1.0	20	3.00	N	2.00	1,500
1781	70	N	N	<20	1.0	<10	1.00	N	1.50	700
1783	20	N	N	100	<1.0	20	10.00	30	1.00	300
1786	10	N	N	20	N	<10	15.00	N	.50	1,500
					Wiseman C6--continued					
1191	100	20	N	1,000	2.0	100	.05	50	.50	100
1199	100	N	N	300	2.0	100	20.00	20	1.00	5,000
1200A	N	N	N	100	N	<10	20.00	50	.50	1,500
1200B	70	15	N	1,000	2.0	100	.10	50	.20	70
1200C	30	N	N	500	1.0	100	5.00	50	.50	700
1202	70	N	N	300	1.0	100	.20	20	.20	1,000
1202A	70	150	N	1,500	5.0	100	2.00	50	.20	200
1203	50	N	N	150	N	70	5.00	20	.50	1,500
1203A	150	N	N	1,000	2.0	200	.50	50	2.00	1,000
1204	150	N	N	150	N	100	.10	50	2.00	700
1212A	70	N	N	N	N	20	.05	20	.10	1,000
1213	200	N	N	500	1.0	200	2.00	50	5.00	1,000
1213A	70	N	N	N	N	20	.10	20	1.00	5,000
1214	150	N	N	700	1.0	200	.20	100	1.00	100
1214A	100	N	N	700	1.0	100	.20	50	1.00	1,000
1215A	100	N	N	300	1.0	100	1.00	50	.50	1,000
1217A	150	N	N	1,000	2.0	100	.05	50	1.00	200
1217B	70	N	N	200	1.0	100	5.00	50	1.00	700
1218	30	N	N	200	1.0	50	.20	N	.10	20
1763	20	N	N	100	1.0	30	1.00	N	.50	1,000
1764	20	N	N	150	1.0	20	1.00	N	.30	700
1766	30	N	N	50	<1.0	20	.50	N	.50	1,000
1767	<10	N	N	50	<1.0	<10	.70	N	.30	700
1768	<10	N	N	30	N	<10	10.00	N	.15	500
1769	30	N	N	100	1.0	50	.07	N	.50	200

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
702	N	7	150	.150	N	20	N	20	50
1773	N	10	1,000	.200	N	100	N	20	100
1774	N	10	N	.200	N	70	N	10	30
1776	N	<5	N	.100	N	50	N	<10	50
1778	N	5	150	.100	N	70	N	15	30
1779	N	10	<100	.150	N	70	N	20	50
1780	N	<5	<100	.050	N	30	N	10	20
1781	N	15	200	.300	N	100	N	50	50
1783	N	7	500	.070	N	20	N	15	30
1786	N	5	500	.050	N	20	N	15	20
				Wiseman C6--continued					
1191	N	10	N	1.000	N	200	N	30	200
1199	N	10	1,000	.500	N	100	N	70	200
1200A	N	5	1,500	.005	N	50	N	100	N
1200B	N	10	N	.200	N	200	N	20	100
1200C	N	5	300	.100	N	200	N	20	20
1202	N	5	N	.200	N	150	N	20	50
1202A	N	15	200	.500	N	500	N	30	300
1203	N	5	300	.200	N	100	N	15	100
1203A	N	20	200	.500	N	200	N	50	200
1204	N	10	N	.500	N	100	N	50	300
1212A	N	5	N	.100	N	50	N	10	50
1213	N	30	200	>1.000	N	200	N	70	200
1213A	N	10	N	.100	N	100	N	10	50
1214	N	20	100	>1.000	N	200	N	50	300
1214A	N	15	100	.500	N	150	N	20	150
1215A	N	10	100	.500	N	150	N	20	200
1217A	N	20	N	.500	N	200	N	50	300
1217B	N	10	300	.300	N	100	N	20	200
1218	N	5	100	.150	N	200	N	10	50
1763	N	7	<100	.070	N	50	N	15	30
1764	N	7	100	.100	N	70	N	15	50
1766	N	10	<100	.200	N	70	N	20	50
1767	N	N	<100	.015	N	15	N	10	15
1768	N	<5	700	.015	N	30	N	20	10
1769	N	10	N	.200	N	70	N	20	50

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1771	67 30 33	152 39 8	N	<2	N	<5	--	N	--	N	7
1761	67 39 47	152 33 33	N	<2	N	N	--	N	--	N	20
1762	67 38 29	152 40 49	N	<2	N	N	--	N	--	N	30
					Wiseman D1--continued						
972	67 58 38	150 29 43	N	N	N	5	.10	N	N	N	15
1046	67 50 23	150 27 25	N	3	N	10	.20	N	N	.5	70
1049A	67 51 51	150 23 0	N	N	N	5	.06	N	N	N	70
1050	67 51 23	150 24 55	N	4	N	10	.04	N	N	1.5	150
1050A	67 51 23	150 24 55	N	N	N	5	<.02	N	N	N	70
1052	67 54 21	150 24 13	N	6	N	5	.22	N	N	2.0	150
1053A	67 55 43	150 15 3	N	N	N	5	.02	N	N	N	70
1054	67 57 0	150 13 47	N	2	N	5	.06	N	N	.7	30
1054A	67 57 0	150 13 47	N	N	N	5	.18	N	N	N	<5
1056A	67 55 27	150 8 20	N	2	N	5	--	N	N	N	20
1057A	67 55 51	150 8 57	N	N	N	20	--	N	N	N	<5
1059	67 55 9	150 0 32	N	N	N	20	--	N	N	N	<5
1065	67 59 55	150 18 42	N	N	N	20	--	N	N	N	15
1065A	67 59 55	150 18 42	N	N	N	5	--	N	N	N	5
1068	67 59 26	150 3 53	N	N	N	5	--	N	N	N	5
1069	67 58 42	150 0 11	N	N	N	10	--	N	N	N	7
1070	67 52 52	150 11 30	N	N	N	5	<.02	N	N	N	70
1071	67 52 33	150 9 43	N	6	N	5	--	N	N	.7	50
1071A	67 52 33	150 9 43	N	2	N	5	--	N	N	.5	30
1072	67 52 7	150 10 39	N	N	N	5	--	N	N	N	15
1073	67 50 12	150 7 14	N	N	N	40	--	N	N	N	50
1074	67 49 0	150 10 24	N	N	N	15	--	N	N	N	100
1104	67 45 46	150 19 54	N	N	N	10	--	N	N	N	100
1104A	67 45 46	150 19 54	N	N	N	15	--	N	N	N	70
1043	67 53 8	150 29 54	N	N	N	5	<.02	N	N	N	50
					Wiseman D2--continued						
935	67 45 14	150 58 38	N	10	N	10	.20	N	N	<.5	5
935A	67 45 14	150 58 38	N	N	N	<5	<.02	N	N	N	<5
935B	67 45 14	150 58 38	N	N	N	10	<.02	N	N	N	50
935C	67 45 14	150 58 38	N	18	N	120	.06	N	N	1.5	15
935D	67 45 14	150 58 38	N	1	N	<5	.04	N	N	N	150
937	67 45 9	150 48 59	N	5	N	<5	.48	N	N	N	7
937A	67 45 9	150 48 59	N	1	N	<5	.08	N	N	N	5
937B	67 45 9	150 48 59	N	N	N	<5	.04	N	N	N	30
939	67 46 38	150 55 59	N	N	N	<5	<.02	N	N	N	30
939A	67 46 38	150 55 59	N	N	N	<5	--	N	N	N	5

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
1771	<10	N	35	N	N	N	--	1.50	10	20
1761	<10	N	15	N	N	N	--	1.50	10	20
1762	<10	N	110	N	.10	N	--	3.00	20	50
					Wiseman D1--continued					
972	50	N	30	N	.25	N	N	5.00	10	20
1046	N	700	400	N	.15	N	N	3.00	15	70
1049A	N	N	100	N	.30	N	N	2.00	15	30
1050	20	200	110	N	.30	N	N	20.00	10	30
1050A	N	N	30	N	.20	N	N	7.00	50	70
1052	70	700	300	N	1.50	N	N	10.00	15	30
1053A	10	<200	80	N	.30	N	N	7.00	30	20
1054	50	N	30	N	.25	N	N	5.00	20	50
1054A	20	N	180	N	.20	N	N	7.00	15	70
1056A	N	N	70	N	1.00	N	N	1.00	N	30
1057A	N	N	15	N	.50	N	N	.05	N	10
1059	10	N	15	N	.20	N	N	2.00	N	10
1065	70	N	80	N	.30	N	N	10.00	15	30
1065A	70	N	10	N	.15	N	40	.50	N	10
1068	100	N	55	N	.25	N	N	3.00	10	20
1069	20	N	50	N	.25	N	N	10.00	5	10
1070	N	N	50	N	.60	N	N	5.00	15	20
1071	50	200	95	N	.30	N	N	7.00	20	15
1071A	70	N	10	N	.10	N	N	1.50	7	20
1072	N	N	85	N	.45	N	N	5.00	10	10
1073	100	N	100	N	2.20	N	N	15.00	70	500
1074	N	N	30	N	.20	N	N	7.00	50	100
1104	50	N	30	N	2.20	N	N	3.00	10	10
1104A	N	N	70	N	.80	N	N	7.00	15	50
1043	20	<200	90	N	N	N	N	7.00	50	70
					Wiseman D2--continued					
935	N	N	45	N	.30	N	N	.70	N	20
935A	N	N	20	N	.30	N	N	.15	N	<5
935B	50	<200	150	N	.90	N	N	5.00	20	30
935C	20	N	55	N	.25	N	N	5.00	N	20
935D	N	<200	100	N	.10	N	N	10.00	50	15
937	150	300	220	N	.85	N	N	1.00	N	<5
937A	15	N	50	N	.20	N	N	1.50	15	20
937B	N	N	40	N	.10	N	N	5.00	30	20
939	N	N	45	N	.10	N	N	7.00	30	15
939A	<10	N	10	N	.05	N	N	1.00	5	10

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
1771	20	N	N	100	1.0	20	.10	N	.20	300
1761	20	N	N	100	<1.0	30	.50	N	.50	300
1762	50	N	N	150	1.0	50	.15	N	1.00	700
				Wiseman D1--continued						
972	20	N	N	150	<1.0	30	3.00	N	1.00	5,000
1046	70	15	N	700	1.0	100	1.00	20	1.50	1,500
1049A	50	N	N	500	1.0	30	.15	20	1.00	1,500
1050	30	N	N	30	N	20	<.05	N	1.50	500
1050A	300	5	N	150	N	70	15.00	N	5.00	2,000
1052	70	<5	N	1,000	2.0	150	.30	50	2.00	500
1053A	70	N	N	50	1.0	70	7.00	N	3.00	1,000
1054	50	N	N	150	1.0	50	.05	30	.15	500
1054A	150	N	N	150	1.5	30	>20.00	N	1.50	2,000
1056A	50	15	N	1,000	<1.0	30	.20	N	.20	150
1057A	30	N	N	20	N	N	15.00	20	1.00	50
1059	50	N	N	100	N	10	>20.00	20	.70	2,000
1065	30	N	N	100	1.0	50	5.00	20	1.50	1,500
1065A	10	5	N	50	N	N	.50	20	.20	1,000
1068	10	N	N	70	1.0	N	1.00	N	.50	2,000
1069	30	7	N	N	1.0	20	20.00	N	1.50	2,000
1070	50	N	N	N	N	N	.50	20	1.00	700
1071	30	N	N	500	N	70	.30	30	1.50	1,000
1071A	50	7	N	500	1.5	70	.05	20	.20	70
1072	10	N	N	700	5.0	100	10.00	N	1.50	3,000
1073	70	N	N	30	1.0	20	20.00	N	2.00	>5,000
1074	500	N	N	700	1.0	30	5.00	N	3.00	2,000
1104	10	N	N	50	N	N	15.00	20	1.00	2,000
1104A	70	<5	N	200	N	70	3.00	30	1.00	1,500
1043	100	N	N	700	2.0	300	.10	50	2.00	2,000
				Wiseman D2--continued						
935	30	15	N	300	1.0	30	<.05	N	.50	70
935A	N	N	N	<20	N	<10	>20.00	N	2.00	150
935B	150	N	N	300	1.0	50	2.00	50	2.00	1,000
935C	10	10	N	100	N	20	.20	20	.20	150
935D	N	N	N	150	N	10	2.00	N	2.00	1,500
937	N	<5	N	1,000	3.0	N	.30	50	.10	150
937A	70	N	N	300	N	50	3.00	20	1.50	700
937B	30	N	N	100	N	15	2.00	N	3.00	1,000
939	20	N	N	70	N	N	2.00	N	3.00	700
939A	N	N	N	20	N	N	.70	N	.30	700

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1771	N	7	N	.100	N	50	N	10	30
1761	N	10	<100	.150	N	70	N	20	50
1762	N	15	100	.300	N	150	N	20	70
				Wiseman D1--continued					
972	N	10	200	.150	N	100	N	20	70
1046	N	10	100	.200	N	500	N	20	100
1049A	N	7	N	.200	N	100	N	20	100
1050	N	5	N	.100	N	150	N	30	150
1050A	N	50	200	.700	N	500	N	30	30
1052	N	20	N	.300	N	200	N	70	200
1053A	N	30	150	.500	N	300	N	70	150
1054	N	7	N	.200	N	100	N	30	200
1054A	N	10	200	.020	N	300	N	50	30
1056A	N	5	N	.150	N	500	N	15	100
1057A	N	N	100	.002	N	10	N	15	N
1059	N	N	700	.015	N	70	N	30	10
1065	N	7	100	.200	N	50	N	20	30
1065A	N	N	N	.150	N	20	N	N	N
1068	N	5	100	.005	N	20	N	15	N
1069	N	7	700	.015	N	150	N	30	20
1070	N	5	N	.050	N	100	N	10	50
1071	N	20	100	.150	N	300	N	50	70
1071A	N	15	100	.700	N	300	N	30	100
1072	N	5	1,500	.500	N	100	N	20	30
1073	N	30	200	.070	N	300	N	50	50
1074	N	30	700	.050	N	300	N	30	70
1104	N	15	150	.020	N	30	N	70	20
1104A	N	20	N	.300	N	150	N	50	200
1043	N	30	100	.700	N	200	N	50	500
				Wiseman D2--continued					
935	N	7	N	.150	N	200	N	15	70
935A	N	N	200	.003	N	20	N	20	N
935B	N	15	300	.300	N	200	N	50	150
935C	N	N	N	.030	N	30	N	10	30
935D	N	30	200	1.000	N	700	N	30	70
937	N	N	<100	.070	N	10	N	50	150
937A	N	10	300	.200	N	150	N	30	100
937B	N	20	200	.300	N	200	N	20	70
939	N	20	300	.300	N	300	N	30	70
939A	N	N	100	.070	N	20	N	N	20

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
940	67 48 21	150 52 40	N	N	N	<5	<.02	N	N	N	5
940A	67 48 21	150 52 40	N	N	N	<5	<.02	N	N	N	20
940B	67 48 21	150 52 40	N	N	N	<5	<.02	N	N	N	15
942	67 47 49	150 46 22	N	N	N	<5	.04	N	N	N	30
944	67 50 46	150 54 40	N	N	N	<5	.04	N	N	N	15
944A	67 50 46	150 54 40	N	N	N	5	.04	N	N	N	7
944B	67 50 46	150 54 40	N	2	N	5	.12	N	N	.5	20
945	67 50 0	150 59 13	N	N	N	5	.04	N	N	N	7
947	67 52 51	150 50 42	N	N	N	<5	<.02	N	N	N	30
948	67 50 54	150 43 31	N	N	N	<5	<.02	N	N	N	50
950	67 59 0	150 50 29	N	N	N	5	[illegible]	N	N	N	30
954	67 59 3	150 58 52	N	N	N	3	[illegible]	N	N	N	10
957	67 55 17	150 58 9	N	N	N	<5	[illegible]	N	N	N	15
964A	67 55 35	150 42 31	N	N	N	<5	[illegible]	N	N	<.5	15
964B	67 55 35	150 42 31	N	N	N	5	<.02	N	N	.7	20
965	67 53 40	150 38 30	N	N	N	10	[illegible]	N	N	N	<5
966	67 56 19	150 39 51	N	N	N	10	[illegible]	N	N	N	30
968	67 56 9	150 35 7	N	N	N	10	[illegible]	N	N	N	<5
968A	67 56 9	150 35 7	N	N	N	10	[illegible]	N	N	N	10
968B	67 56 9	150 35 7	N	N	N	5	[illegible]	N	N	N	30
971	67 58 28	150 30 33	N	N	N	10	[illegible]	N	N	N	7
1031	67 45 48	150 36 36	N	N	N	5	[illegible]	N	N	N	70
1035	67 48 14	150 32 25	N	N	N	5	.14	N	N	<.5	200
1036	67 49 2	150 33 50	N	8	N	15	.22	N	N	1.0	30
1036A	67 49 2	150 33 50	N	2	N	5	.08	N	N	N	20
1037A	67 49 36	150 37 25	N	23	N	30	.52	N	N	3.0	50
1040	67 51 13	150 32 17	N	2	N	5	.04	N	N	N	70
1041	67 50 57	150 33 1	N	4	N	180	.04	N	N	.5	300
1041A	67 50 57	150 33 1	N	4	N	40	.04	N	N	N	100
1062	67 59 52	150 34 13	N	N	N	50	[illegible]	N	N	N	30
				Wiseman D3--continued							
908	67 49 12	151 18 9	N	N	N	<5	[illegible]	N	N	N	5
909	67 51 13	151 16 8	N	N	N	10	[illegible]	N	N	N	15
910	67 47 16	151 18 22	N	N	N	5	[illegible]	N	N	N	10
912	67 45 45	151 17 2	N	N	N	10	.02	N	N	N	20
913	67 45 53	151 16 19	N	N	N	<5	<.02	N	N	N	10
914	67 47 36	151 14 56	N	5	N	10	[illegible]	N	N	<.5	30
914A	67 47 36	151 14 56	N	N	N	<5	[illegible]	N	N	N	30
916A	67 47 36	151 10 44	N	N	N	<5	[illegible]	N	N	N	5
916B	67 47 36	151 10 44	N	2	N	<5	[illegible]	N	N	N	5
916D	67 47 36	151 10 44	N	2	N	15	[illegible]	N	N	N	<5

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
940	N	N	60	N	.10	N	N	10.00	20	N
940A	N	N	50	N	.05	N	N	5.00	30	30
940B	N	<200	120	N	.20	N	N	10.00	30	7
942	N	200	100	N	.05	N	N	10.00	30	20
944	10	500	420	N	2.10	N	N	2.00	10	15
944A	N	N	10	N	.10	N	N	.70	N	10
944B	N	300	240	N	2.70	N	N	1.00	N	30
945	<10	N	45	N	.25	N	N	1.00	5	15
947	N	N	40	N	.10	N	N	7.00	30	20
948	N	N	60	N	.20	N	N	10.00	50	50
950	100	200	180	N	.70	N	N	10.00	30	50
954	N	N	25	N	.05	N	N	3.00	10	20
957	N	N	25	N	.05	N	N	2.00	7	15
964A	10	N	50	N	.15	N	N	1.00	5	15
964B	15	N	55	N	.30	N	N	5.00	N	30
965	N	N	10	N	.40	N	N	1.00	15	50
966	N	N	50	N	.15	N	N	7.00	30	70
968	<10	N	<5	N	.10	N	N	.70	N	70
968A	10	<200	110	N	.60	N	N	15.00	30	50
968B	N	N	5	N	.15	N	N	1.50	7	7
971	50	N	50	N	.20	N	N	2.00	10	30
1031	70	N	60	N	.20	N	N	3.00	20	15
1035	50	300	300	N	1.90	N	N	.50	30	50
1036	10	N	40	N	.65	N	N	2.00	5	20
1036A	N	N	80	N	1.10	N	N	5.00	N	20
1037A	15	<200	110	N	.70	N	N	5.00	10	100
1040	10	N	50	N	.25	N	N	7.00	30	50
1041	70	300	130	N	.20	N	N	20.00	50	150
1041A	10	500	300	N	1.00	N	N	20.00	15	50
1062	50	200	140	N	.20	N	N	15.00	30	70

Wiseman D3--continued

908	30	N	25	N	.40	N	N	.30	N	20
909	10	N	15	N	.05	N	N	3.00	15	30
910	10	N	80	N	.70	N	N	.50	10	20
912	N	N	90	N	.30	N	N	7.00	30	50
913	10	N	170	N	1.10	N	N	2.00	15	30
914	10	<200	140	N	1.50	N	N	1.00	20	70
914A	N	300	380	N	3.80	N	N	10.00	50	50
916A	15	N	55	N	.50	N	N	.30	N	5
916B	N	N	70	N	.45	N	N	.50	N	15
916D	N	N	30	N	.20	N	N	.30	N	10

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
940	N	N	N	50	1.0	10	1.00	N	1.50	1,500
940A	150	N	N	200	N	15	2.00	N	2.00	700
940B	N	N	N	500	N	15	1.50	N	2.00	1,500
942	150	N	N	30	N	10	1.50	N	3.00	1,500
944	50	N	N	200	<1.0	20	.15	20	.20	100
944A	20	N	N	20	1.0	15	<.05	30	.20	20
944B	20	15	N	500	N	70	.05	N	.30	50
945	30	N	N	200	1.0	30	<.05	N	.10	70
947	20	N	N	30	N	15	7.00	N	2.00	1,000
948	300	N	N	500	N	30	10.00	N	3.00	1,000
950	50	N	N	200	1.5	50	3.00	N	1.50	5,000
954	70	N	N	300	<1.0	N	2.00	N	2.00	1,500
957	50	N	N	150	N	N	.10	N	1.00	100
964A	150	N	N	1,000	1.0	100	2.00	50	.70	70
964B	150	N	N	2,000	2.0	200	.05	30	1.50	50
965	200	N	N	100	N	N	>20.00	N	1.00	1,500
966	150	N	N	100	N	20	5.00	N	3.00	1,000
968	50	N	N	300	1.0	30	<.05	N	.02	20
968A	30	N	N	150	1.0	30	2.00	N	.70	5,000
968B	N	N	N	150	N	N	<.05	N	.03	100
971	70	N	N	150	1.0	30	.03	30	.50	700
1031	50	N	N	150	1.0	10	2.00	50	3.00	1,500
1035	100	10	N	20	1.0	50	.70	N	2.00	1,500
1036	70	7	N	1,500	1.5	100	7.00	20	1.50	>5,000
1036A	20	5	N	150	N	N	15.00	N	2.00	>5,000
1037A	70	20	N	1,000	1.0	50	1.50	50	1.00	200
1040	100	N	N	200	1.0	150	10.00	N	2.00	2,000
1041	100	20	N	500	1.5	70	.07	N	1.00	>5,000
1041A	70	N	N	200	2.0	70	.20	N	1.50	>5,000
1062	70	N	N	200	2.0	100	1.00	N	1.50	3,000
				Wiseman D3--continued						
908	15	N	N	200	N	50	.07	20	.07	70
909	100	N	N	300	1.0	15	.50	30	.70	1,000
910	30	N	N	300	<1.0	30	.30	N	.10	300
912	200	N	N	100	N	<10	3.00	N	5.00	1,000
913	10	N	N	300	3.0	30	2.00	30	2.00	700
914	50	7	N	1,000	<1.0	50	.05	N	1.50	700
914A	50	N	N	200	N	10	1.00	N	2.00	1,000
916A	N	N	N	50	N	N	.70	20	.20	700
916B	30	N	N	150	N	20	<.05	N	.30	100
916D	20	N	N	150	N	10	N	N	.15	70

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
940	N	20	150	.500	N	100	N	70	150
940A	N	30	150	.200	N	200	N	30	70
940B	N	20	500	.500	N	150	N	70	150
942	N	50	150	.300	N	300	N	30	70
944	N	5	N	.150	N	70	N	15	100
944A	N	N	N	.050	N	100	N	10	20
944B	N	5	N	.050	N	200	N	10	50
945	N	5	N	.150	N	70	N	10	150
947	N	10	200	.030	N	200	N	15	20
948	N	50	300	.500	N	200	N	30	70
950	N	15	150	.150	N	100	N	50	100
954	N	10	100	.150	N	150	N	30	150
957	N	7	N	.100	N	70	N	20	70
964A	N	15	150	.200	N	100	N	50	200
964B	N	20	N	.300	N	300	N	30	150
965	N	30	1,000	.150	N	150	N	30	20
966	N	30	200	.200	N	300	N	15	30
968	N	5	N	.100	N	50	N	15	70
968A	N	7	N	.100	N	50	N	20	50
968B	N	N	N	.002	N	70	N	10	N
971	N	7	100	.200	N	100	N	15	200
1031	N	50	300	.200	N	500	N	20	50
1035	N	15	150	.200	N	150	N	50	70
1036	N	15	1,000	.150	N	500	N	30	70
1036A	N	5	2,000	.050	N	70	N	30	20
1037A	N	15	N	.300	N	1,000	N	30	150
1040	N	30	500	.500	N	70	N	30	70
1041	N	15	N	.300	N	150	N	20	100
1041A	N	15	N	.300	N	150	N	50	150
1062	N	15	100	.300	N	100	N	30	100
				Wiseman D3--continued					
908	N	5	N	.100	N	70	N	15	70
909	N	7	100	.200	N	100	N	30	150
910	N	<5	N	.150	N	70	N	10	70
912	N	50	300	.700	N	300	N	30	100
913	N	10	100	.200	N	70	N	70	700
914	N	5	N	.100	N	200	N	10	70
914A	N	30	100	1.000	N	300	N	50	150
916A	N	N	<100	.020	N	15	N	N	N
916B	N	N	N	.100	N	200	N	N	70
916D	N	N	N	.050	N	150	N	N	30

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
917A	67 47 33	151 11 30	N	N	N	5		N	N	N	<5
917B	67 47 33	151 11 30	N	N	N	<5		N	N	N	<5
918	67 48 36	151 9 18	N	N	N	10		N	N	N	7
922	67 49 18	151 5 13	N	N	N	<5		N	N	N	30
922A	67 49 18	151 5 13	N	N	N	<5		N	N	N	7
922B	67 49 18	151 5 13	N	3	N	<5		N	N	N	15
923A	67 47 27	151 5 10	N	7	N	10	.16	N	N	1.0	10
925	67 50 45	151 7 37	N	N	N	<5		N	N	N	15
925A	67 50 45	151 7 37	N	N	N	<5		N	N	N	5
925B	67 50 45	151 7 37	N	N	N	<5		N	N	N	10
925C	67 50 45	151 7 37	N	N	N	<5		N	.10	N	7
928A	67 50 31	151 0 12	N	N	N	<5		N	N	N	7
975A	67 46 9	151 10 26	N	5	N	5	.10	N	N	1.0	20
976	67 46 1	151 10 26	N	3	N	20	.08	N	N	.5	20
977A	67 45 32	151 10 38	N	N	N	5	.02	N	N	N	30
1161A	67 57 18	151 6 39	N	5	N	5		N	N	5.0	10
1161B	67 57 18	151 6 39	N	N	N	5		N	N	N	5
1161C	67 57 18	151 6 39	N	N	N	<5		N	N	N	<5
1162	67 57 39	151 6 27	N	N	N	15		N	N	N	10
1162A	67 57 39	151 6 27	N	N	N	5		N	N	N	<5
1163A	67 57 30	151 12 12	N	N	N	10		N	N	N	10
1164A	67 57 50	151 12 33	N	N	N	5		N	N	N	<5
1165	67 57 12	151 13 45	N	N	N	5		N	N	N	<5
1165A	67 57 12	151 13 45	N	N	N	5		N	N	N	15
1167	67 57 8	151 19 29	N	<2	N	5		N	N	N	50
1167A	67 57 8	151 19 29	N	3	N	30		N	N	N	20
1168A	67 57 31	151 19 29	N	N	N	<5		N	N	N	7
1168B	67 57 31	151 19 29	N	<2	N	5		N	N	N	<5
1169	67 57 46	151 24 13	N	<2	N	10		N	N	<.5	15
1169A	67 57 46	151 24 13	N	<2	N	15		N	N	1.0	20
1171A	67 57 34	151 28 35	N	<2	N	<5		N	N	N	10
1171B	67 57 34	151 28 35	N	<2	N	<5		N	N	N	N
1660	67 53 40	151 29 25	N	N	N	10		N	N	N	7
1661	67 53 58	151 29 26	N	9	N	100		N	N	.5	30
1663	67 56 55	151 28 47	N	N	N	25		N	N	N	<5

Wiseman D4--continued

1969	67 54 56	151 49 48	N	N	N	N		N	--	N	5
785A	67 52 52	151 36 14	N	N	N	<5		N	N	N	<5
786	67 55 40	151 36 14	N	N	N	10		N	N	N	10
790	67 54 18	151 32 14	N	N	N	10		N	N	N	7
790A	67 54 18	151 32 14	N	N	N	<5		N	N	N	5

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
917A	10	N	15	N	.10	N	N	.50	N	10
917B	N	N	20	N	.05	N	N	1.50	7	20
918	N	N	40	N	.50	N	N	2.00	15	30
922	N	700	660	N	8.10	N	N	1.00	15	30
922A	15	N	55	N	.55	N	N	1.00	10	50
922B	<10	N	40	N	.30	N	N	1.50	5	15
923A	15	N	80	N	.65	N	N	1.00	N	30
925	N	N	20	N	.10	N	N	1.50	10	30
925A	N	N	5	N	.10	N	N	.70	N	15
925B	10	N	80	N	.30	N	N	5.00	20	30
925C	N	N	5	N	.10	N	N	.20	N	5
928A	N	N	15	N	.05	N	N	.50	10	20
975A	N	N	110	N	.60	N	N	1.50	N	30
976	N	<200	150	N	1.00	N	N	1.00	N	20
977A	10	N	80	N	.05	N	N	5.00	10	30
1161A	N	N	55	N	2.90	N	N	<.05	N	20
1161B	N	N	10	N	.15	N	N	.05	N	5
1161C	N	N	15	N	1.70	N	N	N	N	N
1162	20	300	150	N	.25	N	N	20.00	50	70
1162A	N	200	120	N	.55	N	N	>20.00	20	50
1163A	15	N	140	N	.35	N	N	3.00	5	15
1164A	N	N	20	N	.15	N	N	<.05	N	10
1165	N	N	10	N	.10	N	N	<.05	N	5
1165A	10	<200	60	N	.70	N	N	20.00	15	20
1167	N	N	45	N	.35	N	N	.10	N	30
1167A	50	<200	150	N	1.70	N	N	1.00	20	30
1168A	N	N	20	N	.40	N	N	<.05	N	5
1168B	10	N	10	N	.05	N	N	.20	N	<5
1169	N	N	60	N	.70	N	N	2.00	15	15
1169A	70	N	10	N	.05	N	N	1.00	10	15
1171A	N	N	55	N	.40	N	N	.07	N	20
1171B	N	N	15	N	.20	N	N	<.05	N	5
1660	N	N	40	N	.20	N	N	3.00	20	50
1661	20	N	65	N	.80	N	N	10.00	15	30
1663	10	N	5	N	.40	N	N	.70	N	10

Wiseman D4--continued

1969	N	N	50	N	.80	N	--	1.50	7	20
785A	150	N	5	N	.10	N	<1	1.00	<5	5
786	50	N	70	N	.15	N	<1	20.00	20	50
790	10	N	25	N	.10	N	<1	3.00	15	30
790A	15	N	20	N	.15	N	<1	10.00	7	20

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
917A	20	N	N	150	N	10	.10	N	.07	150
917B	70	N	N	150	N	10	.50	N	1.00	700
918	30	N	N	700	N	20	.05	N	.07	1,000
922	N	N	N	50	N	N	.05	N	.50	700
922A	20	N	N	50	N	N	2.00	N	1.00	300
922B	70	N	N	150	N	20	.10	N	.70	300
923A	50	10	N	200	2.0	30	<.05	N	.50	150
925	30	N	N	150	<1.0	20	<.05	N	.10	500
925A	30	N	N	700	<1.0	30	<.05	N	.05	100
925B	70	N	N	500	1.5	50	.15	N	1.00	700
925C	10	N	N	1,000	N	N	.05	N	.03	70
928A	15	N	N	150	N	20	.10	N	.10	100
975A	50	7	N	200	<1.0	N	<.05	20	.50	100
976	20	7	N	150	1.0	N	.07	30	.20	150
977A	70	N	N	300	1.0	N	.50	30	.70	1,000
1161A	150	N	N	100	N	N	20.00	N	.30	100
1161B	20	N	N	50	N	N	.20	N	.20	50
1161C	20	N	N	20	N	N	20.00	N	10.00	150
1162	150	N	N	70	2.0	150	1.00	N	1.00	>5,000
1162A	150	N	N	70	3.0	50	1.00	N	1.00	>5,000
1163A	50	N	N	300	1.0	50	15.00	50	1.50	300
1164A	10	N	N	N	N	N	20.00	N	7.00	70
1165	20	N	N	70	N	N	10.00	N	5.00	70
1165A	30	N	N	50	1.5	50	.70	N	1.00	>5,000
1167	50	N	N	100	N	50	5.00	N	.05	100
1167A	50	N	N	200	1.5	70	.05	N	.07	200
1168A	N	N	N	<20	N	N	10.00	N	7.00	70
1168B	20	N	N	20	<1.0	100	20.00	N	1.00	200
1169	50	N	N	200	1.0	20	.15	30	.05	1,500
1169A	20	N	N	150	N	70	.05	30	.02	500
1171A	50	N	N	50	N	N	10.00	N	.20	100
1171B	10	N	N	20	N	N	10.00	30	3.00	50
1660	70	N	N	300	2.0	50	.15	N	.50	700
1661	70	N	N	300	3.0	15	.70	N	.15	>5,000
1663	70	N	N	200	<1.0	70	<.05	N	.05	150

Wiseman D4--continued

1969	20	N	N	100	N	15	5.00	N	2.00	700
785A	N	N	N	50	N	N	.30	N	.15	1,000
786	70	N	N	100	1.5	20	1.00	N	1.00	>5,000
790	70	N	N	300	N	N	.10	50	.70	150
790A	20	N	N	200	1.5	10	.50	N	.50	5,000

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
917A	N	N	N	.070	N	50	N	<10	50
917B	N	7	N	.070	N	70	N	10	70
918	N	5	N	.100	N	50	N	10	100
922	N	N	N	.020	N	70	N	10	10
922A	N	5	200	.050	N	20	N	<10	15
922B	N	10	N	.150	N	150	N	15	70
923A	N	10	N	.150	N	500	N	20	100
925	N	<5	N	.070	N	70	N	10	70
925A	N	5	N	.100	N	70	N	10	50
925B	N	15	N	.200	N	100	N	30	150
925C	N	N	N	.050	N	200	N	N	20
928A	N	N	<100	.100	N	70	N	20	70
975A	N	5	N	.100	N	200	N	10	70
976	N	5	N	.050	N	200	N	N	50
977A	N	10	N	.300	N	100	N	20	70
1161A	N	N	300	N	N	100	N	30	10
1161B	N	N	N	<.002	N	10	N	N	10
1161C	N	N	200	N	N	10	N	20	N
1162	N	20	<100	.150	N	300	N	50	50
1162A	N	20	<100	.100	N	150	N	30	30
1163A	N	10	500	.150	N	70	N	30	30
1164A	N	N	100	N	N	30	N	<10	N
1165	N	N	100	N	N	20	N	10	N
1165A	N	7	N	.070	N	70	N	30	20
1167	N	N	100	.010	N	20	N	20	10
1167A	N	7	N	.200	N	70	N	10	70
1168A	N	N	100	N	N	50	N	N	N
1168B	N	N	300	.015	N	50	N	20	N
1169	N	10	N	.150	N	100	N	30	150
1169A	N	5	N	.100	N	50	N	15	50
1171A	N	<5	150	.010	N	20	N	30	N
1171B	N	N	N	<.002	N	N	N	10	N
1660	20	10	N	.200	N	150	N	15	70
1661	20	10	100	.100	N	100	N	70	100
1663	20	7	N	.300	N	100	N	10	300

Wiseman D4--continued

1969	N	5	<100	.050	N	70	N	10	20
785A	N	N	N	.020	N	15	N	N	10
786	N	15	100	.100	N	100	N	50	70
790	N	10	N	.200	N	100	N	20	150
790A	N	5	150	.050	N	50	N	20	30

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
791	67 50 38	151 36 37	N	N	N	<5		N	N	N	5
796	67 57 49	151 54 15	N	N	N	<5		N	N	N	<5
785B	67 52 52	151 36 14	N	<2	N	N		N	N	N	10
1173	67 51 44	151 51 56	N	<2	N	<5		N	N	N	10
1177A	67 54 3	151 51 24	N	<2	N	<5		N	N	N	20
1652	67 45 37	151 38 35	N	N	N	20		N	N	N	5
1655A	67 48 19	151 40 7	N	N	N	35		N	N	N	50
1655B	67 48 19	151 40 7	N	N	N	20		N	N	N	100
1656	67 47 13	151 51 11	N	N	N	5		N	N	N	10
1656A	67 47 13	151 51 11	N	N	N	30		N	N	N	30
1657	67 53 8	151 32 51	N	N	N	10		N	N	N	30
1658	67 54 48	151 35 10	N	N	N	15		N	N	N	5
1659	67 55 27	151 32 44	N	N	N	25		N	N	N	30
1664	67 58 53	151 32 45	N	N	N	75		N	N	N	20
1666	67 57 24	151 42 5	N	N	N	10		N	N	N	N
1667	67 58 25	151 42 34	N	4	N	60		N	N	N	30
1668	67 58 58	151 55 10	N	N	N	20		N	N	N	50
1668A	67 58 58	151 55 10	N	2	N	10		N	N	N	10
1669	67 58 41	151 57 15	N	18	N	10		N	N	N	10
Wiseman D5--continued											
1973	67 51 28	152 6 30	N	N	N	N		N		N	15
1977	67 53 12	152 6 36	N	N	N	N		N		N	10
1979	67 51 36	152 25 49	N	N	N	N		N		N	10
1976	67 52 48	152 6 24	N	N	N	N		N		N	7
1671	67 59 54	152 20 44	N	6	200	110		N		.5	15
779	67 49 24	152 0 30	N	N	N	<5		N	N	N	N
798	67 58 17	152 0 33	N	<2	N	N		N	N	N	10
1830	67 54 38	152 23 24	N	2	N	N		N		N	20
1830	67 54 38	152 23 24	N	N	N	<5		N		N	5
1831	67 56 14	152 28 3	N	N	N	5		N		N	5
Wiseman D6--continued											
834A	67 57 54	152 55 5	N	<2	N	N		N	N	N	15
834B	67 57 54	152 55 5	N	<2	N	5		N	N	N	<5
840	67 48 22	152 58 49	N	<2	N	5		N	N	N	5
842	67 47 35	152 54 37	N	<2	N	N		N	N	N	7
1181	67 54 53	152 30 31	N	N	N	15		N	N	N	30
1184A	67 56 17	152 40 48	N	N	N	10		N	N	N	15
1186	67 58 26	152 36 21	N	N	N	5		N	N	N	20
1188	67 50 18	152 46 20	N	N	N	5		N	N	N	20
1188A	67 50 18	152 46 20	N	N	N	5		N	N	N	15
1189	67 48 36	152 46 26	N	<2	N	<5		N	N	N	15

Table5 . Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
791	N	N	5	N	.10	N	<1	.20	N	<5
796	N	N	15	N	.10	N	<1	3.00	N	5
785B	N	N	90	N	.05	N	N	10.00	20	20
1173	N	N	20	N	.10	N	N	3.00	15	30
1177A	N	N	85	N	.95	N	N	.07	<5	30
1652	N	N	10	N	.30	N	N	5.00	<5	10
1655A	20	N	45	N	.20	N	N	5.00	15	30
1655B	<10	N	85	N	.20	N	N	5.00	20	50
1656	N	N	60	N	.70	N	N	5.00	5	10
1656A	10	N	100	N	.30	N	N	7.00	15	50
1657	N	<200	100	N	.30	N	N	7.00	20	50
1658	N	N	<5	N	.20	N	N	.70	5	15
1659	15	N	100	N	.40	N	N	5.00	10	20
1664	10	N	30	N	.30	N	N	5.00	10	50
1666	N	N	10	N	.10	N	N	.07	N	5
1667	15	<200	60	N	1.60	N	N	10.00	20	30
1668	20	<200	90	N	.60	N	N	5.00	30	100
1668A	10	N	15	N	N	N	N	.70	N	15
1669	N	N	35	N	.20	N	N	.70	5	20
				Wiseman D5--continued						
1973	20	N	120	N	.40	N	[illegible]	3.00	10	30
1977	<10	N	10	N	.10	N	[illegible]	1.50	7	15
1979	20	N	90	N	.50	N	[illegible]	2.00	15	20
1976	<10	N	50	N	.60	N	[illegible]	2.00	7	15
1671	30	N	10	N	.20	N	[illegible]	2.00	30	100
779	10	N	10	N	.10	N	<1	10.00	5	5
798	15	N	5	N	.40	N	N	5.00	15	30
1830	<10	N	30	N	.10	N	[illegible]	1.00	10	15
1830	<10	N	85	N	N	N	[illegible]	1.50	10	20
1831	N	N	10	N	N	N	[illegible]	.50	<5	7
				Wiseman D6--continued						
834A	100	N	95	N	.15	N	N	7.00	30	70
834B	N	N	N	N	.15	N	N	.70	5	10
840	70	N	20	N	.05	N	N	3.00	15	20
842	N	<200	130	N	.30	N	N	7.00	20	50
1181	50	<200	15	N	.15	N	N	20.00	50	100
1184A	30	N	65	N	.55	N	N	10.00	20	30
1186	30	N	90	N	.80	N	N	5.00	10	30
1188	10	N	15	N	<.05	N	N	15.00	10	30
1188A	20	N	10	N	<.05	N	N	2.00	7	20
1189	10	N	10	N	<.05	N	N	20.00	10	70

Table 1. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
791	N	N	N	20	N	N	.30	N	.03	300
796	N	N	N	<20	N	N	5.00	N	2.00	1,000
785B	200	N	N	50	N	N	.05	30	1.50	300
1173	30	N	N	200	1.5	70	.50	30	.30	1,500
1177A	70	N	N	50	N	N	.15	N	.05	50
1652	30	N	N	100	N	15	5.00	N	1.50	>5,000
1655A	200	N	N	200	<1.0	50	.50	70	.50	1,000
1655B	200	N	N	200	1.0	70	.10	20	1.00	500
1656	N	N	N	150	<1.0	10	3.00	N	1.50	>5,000
1656A	50	N	N	100	<1.0	20	.10	N	1.00	1,500
1657	70	N	N	200	2.0	50	2.00	<20	2.00	1,500
1658	30	N	N	200	1.0	70	.20	<20	.10	100
1659	70	N	N	200	2.0	20	1.50	70	.50	5,000
1664	50	N	N	200	2.0	30	.70	N	.30	2,000
1666	N	N	N	150	N	10	5.00	N	2.00	50
1667	70	N	N	200	3.0	20	1.00	30	.70	>5,000
1668	150	N	N	1,000	2.0	50	5.00	50	3.00	1,500
1668A	20	N	N	200	<1.0	30	<.05	N	.05	70
1669	30	N	N	200	<1.0	50	<.05	N	.07	20
				Wiseman D5--continued						
1973	20	N	N	100	<1.0	20	.50	N	1.00	1,000
1977	10	N	N	150	<1.0	30	.10	N	.05	100
1979	50	N	N	70	N	20	.50	N	.50	700
1976	20	N	N	70	<1.0	15	3.00	N	1.00	2,000
1671	30	N	N	150	1.0	50	.07	N	.05	50
779	N	N	N	N	N	20	>20.00	N	5.00	>5,000
798	70	N	N	200	<1.0	30	.20	N	.30	1,000
1830	10	N	N	20	N	10	2.00	N	1.00	3,000
1830	20	N	N	70	<1.0	20	.20	N	.50	700
1831	<10	N	N	100	N	15	.05	N	.03	150
				Wiseman D6--continued						
834A	20	N	N	100	N	20	3.00	N	2.00	1,000
834B	20	N	N	200	N	20	2.00	30	.30	700
840	70	N	N	150	N	10	1.00	N	.70	1,000
842	10	N	N	70	N	10	.50	N	1.50	2,000
1181	70	N	N	150	N	100	.10	N	.10	50
1184A	70	N	N	100	1.0	100	10.00	100	5.00	5,000
1186	70	N	N	500	1.0	100	.50	100	.50	200
1188	70	N	N	300	1.0	100	20.00	20	5.00	5,000
1188A	50	N	N	300	1.0	70	.10	N	.10	1,000
1189	200	N	N	700	5.0	100	.07	70	.50	500

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
791	N	N	N	.010	N	N	N	N	N
796	N	N	200	.002	N	15	N	10	N
785B	N	10	N	.700	N	200	N	20	700
1173	N	10	100	.100	N	70	N	30	70
1177A	N	N	N	.010	N	50	N	20	10
1652	N	N	200	.050	N	50	N	20	10
1655A	N	7	N	.700	N	200	N	20	500
1655B	N	10	N	.700	N	200	N	20	300
1656	N	N	100	.030	N	20	N	20	N
1656A	N	15	N	.150	N	70	N	20	70
1657	20	20	N	.200	N	150	N	30	100
1658	20	N	N	.200	N	100	N	N	70
1659	20	15	300	.150	N	150	N	100	100
1664	20	5	N	.100	N	70	N	20	70
1666	N	N	N	N	N	10	N	N	N
1667	N	30	<100	.100	N	70	N	70	100
1668	50	20	500	1.000	N	200	N	30	150
1668A	N	N	N	.200	N	70	N	10	200
1669	N	N	N	.200	N	70	N	10	50
				Wiseman D5--continued					
1973	N	10	<100	.100	N	70	N	15	50
1977	N	5	N	.070	N	70	N	<10	20
1979	N	7	N	.150	N	70	N	15	70
1976	N	7	150	.100	N	50	N	15	30
1671	N	10	N	.500	N	100	N	10	100
779	N	N	200	.003	N	10	N	70	N
798	N	10	N	.150	N	150	N	20	150
1830	N	15	700	.150	N	100	N	10	20
1830	N	7	N	.100	N	70	N	10	30
1831	N	N	N	.050	N	30	N	<10	15
				Wiseman D6--continued					
834A	N	15	100	.100	N	50	N	10	70
834B	N	5	<100	.100	N	50	N	<10	50
840	N	10	N	.300	N	100	N	15	150
842	N	5	N	.050	N	50	N	10	50
1181	N	5	300	.200	N	100	N	10	30
1184A	N	10	700	.200	N	150	N	30	100
1186	N	10	N	.500	N	200	N	30	200
1188	N	5	700	.300	N	100	N	50	200
1188A	N	N	N	.200	N	100	N	10	100
1189	N	30	200	>1.000	N	200	N	70	500

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s	Cu-ppm s
1189A	67 48 36	152 46 26	N	<2	N	15	[illegible]	N	N	N	20
1834A	67 59 39	152 36 2	N	<2	N	N	[illegible]	N	[illegible]	N	5
1834B	67 59 39	152 36 2	N	2	N	20	[illegible]	N	[illegible]	N	5
1834C	67 59 39	152 36 2	N	<2	N	5	[illegible]	N	[illegible]	N	15
1835	67 59 5	152 30 15	N	<2	N	5	[illegible]	N	[illegible]	N	<5
1837	67 56 4	152 40 13	N	<2	N	15	[illegible]	N	[illegible]	N	15
1838	67 54 50	152 52 29	N	<2	N	5	[illegible]	N	[illegible]	N	100
1840	67 57 22	152 52 26	N	2	N	<5	[illegible]	N	[illegible]	N	5
1842	67 57 54	152 58 35	N	<2	N	N	[illegible]	N	[illegible]	N	<5

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
1189A	50	N	30	N	.45	N	N	5.00	15	50
1834A	N	N	15	N	.10	N		3.00	5	20
1834B	<10	N	35	N	.10	N		2.00	10	30
1834C	30	N	60	N	<.10	N		5.00	20	30
1835	N	N	15	N	N	N		.70	<5	15
1837	150	N	55	N	.30	N		2.00	10	30
1838	N	N	10	N	N	N		.30	N	5
1840	10	N	30	N	.20	N		1.00	N	10
1842	N	N	30	N	.10	N		1.50	10	15

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Diseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
1189A	50	N	N	300	1.0	100	1.00	50	.50	2,000
1834A	10	N	N	100	<1.0	15	.05	N	.07	1,500
1834B	20	N	N	50	<1.0	10	.50	N	.50	700
1834C	30	N	N	150	1.5	50	.10	N	1.00	2,000
1835	<10	N	N	70	<1.0	10	.10	N	.10	200
1837	10	N	N	70	1.0	15	2.00	N	1.00	1,000
1838	<10	N	N	30	N	15	.07	N	.05	150
1840	10	N	N	100	<1.0	20	.15	N	.20	200
1842	15	N	N	70	<1.0	20	.30	N	.50	200

Table 5. Spectrographic and Chemical Analyses for Pebble Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1189A	N	10	N	.200	N	100	N	100	100
1834A	N	5	N	.030	N	50	N	<10	15
1834B	N	7	<100	.100	N	70	N	20	50
1834C	N	10	100	.200	N	70	N	15	50
1835	N	<5	N	.050	N	50	N	<10	20
1837	N	5	200	.070	N	50	N	10	15
1838	N	N	N	.020	N	15	N	N	10
1840	N	5	N	.050	N	50	N	<10	30
1842	N	5	N	.100	N	50	N	10	70

Table 6. Spectrographic Analyses for Heavy-Mineral Concentrate Samples from the Wiseman Quadrangle, Alaska

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

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
						Wiseman A1					
1516	67 11 25	150 26 28	N	N	N	10.0	10)	200	N	N	N
1517	67 11 17	150 26 33	N	N	N	N	2)	150	N	N	N
1517B	67 11 17	150 26 33	N	N	N	N	3)	20	N	N	N
1517C	67 11 17	150 26 33	N	N	N	N	2)	50	N	N	N
1518	67 11 31	150 24 10	N	N	N	N	5)	100	N	N	N
1519	67 14 34	150 27 18	N	N	N	N	3)	150	N	N	N
1520	67 9 5	150 20 47	N	N	N	N	5)	200	N	N	N
1521	67 10 39	150 17 51	N	N	N	N	5)	20	1,000	N	N
1522	67 11 52	150 15 37	N	N	N	N	10)	50	N	N	N
1523	67 14 34	150 6 44	N	N	N	N	5)	500	N	N	N
1524	67 14 14	150 7 27	N	N	N	N	10)	300	N	N	N
1525	67 11 34	150 11 3	N	N	N	N	5)	50	N	N	N
1526	67 11 49	150 10 52	N	N	N	N	10)	100	N	N	N
1527	67 13 21	150 2 59	N	N	N	N	10)	200	N	N	N
1528	67 10 14	150 10 28	N	N	N	N	1)	<20	N	N	N
1529	67 9 41	150 1 36	N	N	N	N	5)	50	N	N	N
1530	67 9 45	150 1 15	N	N	N	N	10)	100	N	N	N
1532	67 10 17	150 11 11	N	N	N	N	2)	<20	N	N	N
1533	67 10 4	150 10 39	N	N	N	N	3)	20	N	N	N
1534	67 5 16	150 7 1	N	N	<20	N	10)	100	N	N	N
1535	67 6 45	150 10 13	N	N	N	N	10)	70	N	N	N
1536	67 2 18	150 2 13	N	N	N	N	10)	200	N	N	N
1537	67 2 44	150 4 54	N	N	N	N	7)	50	N	N	N
1538	67 3 32	150 10 13	N	N	50	7.0	7)	150	N	N	N
1539	67 1 8	150 9 4	N	N	50	5.0	10)	70	N	N	N
1540	67 1 5	150 13 5	N	N	N	N	5)	<20	5,000	N	100
1541	67 1 31	150 18 4	N	N	N	N	10)	100	N	N	N
1542	67 1 6	150 26 28	N	N	N	N	10)	100	N	N	N
1543	67 4 11	150 16 31	N	N	N	N	7)	100	N	N	N
1544	67 6 26	150 28 39	N	N	N	N	7)	100	N	N	N
1545	67 7 49	150 20 33	N	N	N	N	7)	100	N	N	N
1546	67 9 46	150 24 23	N	N	N	N	10)	70	N	N	N
1788	67 12 7	150 29 53	N	N	N	2.0	10)	200	N	N	N
1845	67 14 18	150 17 25	N	700	N	1.0	30)	150	700	N	N
1845A	67 14 18	150 17 25	N	N	N	5.0	15)	10,000	N	N	N
1845B	67 14 18	150 17 25	N	N	N	1.0	3)	200	N	N	N
1845C	67 14 18	150 17 25	N	1,000	N	7.0	30)	2,000	N	N	N
1845D	67 14 18	150 17 25	N	N	N	15.0	3)	10,000	N	N	N
1846	67 11 13	150 27 31	N	N	30	5.0	2)	100	N	N	N
1847	67 5 27	150 29 59	N	N	50	5.0	5)	150	N	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
						Wiseman A1						
1516	2.0	10	50	500	N	100	1,500	N	20	20.00	50	.50
1517	2.0	10	20	150	N	N	700	N	100	15.00	50	.30
1517B	1.5	N	20	150	N	N	200	N	150	20.00	N	.70
1517C	1.5	N	20	150	N	N	700	3	200	20.00	100	.30
1518	1.0	N	30	200	N	N	1,500	N	30	20.00	100	.20
1519	.5	N	20	N	N	N	1,500	N	20	50.00	100	.30
1520	.7	N	20	200	N	<20	100	N	30	20.00	100	.20
1521	1.0	<10	20	70	N	N	>10,000	N	200	7.00	50	.20
1522	2.0	70	50	200	N	50	>10,000	N	100	15.00	150	.20
1523	1.0	N	20	200	N	N	2,000	N	70	20.00	150	.20
1524	1.0	N	20	200	N	70	1,500	N	100	30.00	100	.20
1525	1.0	N	20	150	N	N	>10,000	N	100	10.00	100	.50
1526	1.0	N	20	700	N	30	2,000	N	50	20.00	100	.30
1527	2.0	N	50	200	N	N	2,000	N	150	30.00	200	.30
1528	.5	N	20	100	N	N	>10,000	N	20	3.00	100	.20
1529	1.0	N	20	100	N	N	>10,000	N	50	10.00	100	.50
1530	1.0	N	20	200	N	N	>10,000	N	150	15.00	150	.50
1532	.5	N	20	50	N	N	>10,000	N	20	3.00	100	.15
1533	.7	N	20	50	N	N	>10,000	N	20	5.00	50	.20
1534	1.0	N	10	500	N	200	7,000	N	100	15.00	150	.50
1535	2.0	N	20	500	N	50	5,000	N	100	10.00	150	2.00
1536	1.0	N	10	300	N	50	5,000	N	100	7.00	100	.50
1537	1.0	N	10	500	N	150	300	N	70	10.00	150	.30
1538	1.0	N	15	300	N	70	1,000	N	100	10.00	100	.20
1539	2.0	N	20	200	N	N	2,000	N	100	15.00	50	2.00
1540	7.0	N	20	100	N	N	200	N	50	7.00	500	.10
1541	1.5	N	20	200	N	20	>10,000	N	20	10.00	50	.20
1542	1.0	10	20	500	N	70	2,000	N	100	15.00	50	.30
1543	.7	N	10	500	N	30	1,500	N	100	15.00	50	.20
1544	.7	N	10	500	N	30	1,000	N	100	15.00	100	.50
1545	1.0	N	10	500	N	20	1,500	N	100	15.00	100	.50
1546	1.0	N	20	300	N	70	>10,000	N	50	10.00	100	.50
1788	10.0	30	70	100	N	N	2,000	<2	100	20.00	50	.30
1845	50.0	200	700	30	N	N	700	N	100	.20	50	.50
1845A	10.0	150	200	20	N	N	>10,000	N	70	5.00	N	.50
1845B	1.0	N	30	150	N	N	1,000	N	200	20.00	100	.20
1845C	>50.0	300	1,000	N	N	N	500	N	50	2.00	N	.07
1845D	1.5	30	30	150	N	N	300	<2	100	20.00	N	.20
1846	1.5	N	20	150	N	N	500	2	200	15.00	70	.20
1847	5.0	20	50	200	N	N	5,000	5	200	7.00	150	1.00

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
					Wiseman A1					
1516	300	<50	30	2,000	>2.00	N	100	N	500	150
1517	500	100	N	1,000	>2.00	N	300	N	700	1,000
1517B	300	N	N	700	>2.00	N	200	N	500	100
1517C	300	100	10	1,000	>2.00	N	300	N	500	>2,000
1518	300	<50	20	2,000	>2.00	N	100	N	500	200
1519	300	<50	20	2,000	>2.00	N	100	N	500	200
1520	300	<50	10	1,500	>2.00	N	100	N	500	150
1521	300	<50	20	3,000	2.00	N	100	N	100	150
1522	200	50	50	2,000	>2.00	N	200	N	500	2,000
1523	200	<50	20	5,000	2.00	N	150	N	1,000	1,000
1524	200	<50	20	5,000	>2.00	N	100	N	500	1,000
1525	300	50	20	2,000	>2.00	N	200	N	200	500
1526	300	<50	20	2,000	>2.00	N	150	N	500	300
1527	200	<50	20	5,000	2.00	N	100	N	1,000	200
1528	200	N	15	5,000	.20	N	50	N	20	100
1529	300	50	20	5,000	>2.00	N	200	N	150	300
1530	300	50	30	1,500	>2.00	N	200	N	300	500
1532	700	<50	20	5,000	.70	N	50	N	50	150
1533	300	<50	10	3,000	2.00	N	100	N	100	200
1534	500	50	30	2,000	>2.00	N	100	N	300	2,000
1535	700	50	30	1,000	>2.00	N	200	100	200	2,000
1536	500	50	20	700	>2.00	N	150	N	200	500
1537	200	<50	30	1,000	>2.00	N	150	N	300	>2,000
1538	200	50	20	1,000	>2.00	N	150	N	300	>2,000
1539	1,000	50	20	500	>2.00	N	200	1,500	100	>2,000
1540	300	<50	30	1,000	>2.00	1,000	200	100	500	>2,000
1541	300	50	15	1,000	>2.00	N	200	2,000	500	>2,000
1542	200	<50	20	1,000	>2.00	N	100	N	500	>2,000
1543	200	<50	20	1,000	>2.00	N	150	N	300	>2,000
1544	200	<50	30	1,000	>2.00	N	150	N	300	2,000
1545	200	<50	20	1,500	>2.00	N	150	N	300	1,000
1546	300	50	20	1,000	>2.00	N	200	N	200	1,000
1788	300	<50	N	700	>2.00	N	150	N	700	500
1845	150	N	N	N	.50	N	50	N	70	100
1845A	1,000	N	N	1,500	.30	N	150	N	100	500
1845B	500	100	10	2,000	>2.00	N	200	150	1,000	>2,000
1845C	30	N	N	N	.70	N	30	N	100	200
1845D	300	70	N	1,500	>2.00	N	200	N	1,000	2,000
1846	500	150	10	1,000	>2.00	N	300	150	500	>2,000
1847	700	100	30	700	>2.00	N	300	N	300	1,000

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
1847A	67 5 27	150 29 59	N	N	70	50.0	50	500	N	N	N
1945	67 8 56	150 10 36	N	N	N	N	200	200	N	N	N
1946	67 9 5	150 11 23	N	N	N	N	200	50	N	N	N
1947	67 13 3	150 4 3	N	N	N	N	200	50	N	N	N
					Wiseman A2--continued						
1256C	67 12 44	150 50 25	N	N	N	1.5	20	100	N	N	N
1257C	67 13 0	150 43 43	N	N	N	1.0	<10	100	N	N	N
1548	67 9 42	150 36 26	N	N	N	N	100	100	N	N	N
1549	67 11 57	150 35 32	N	N	N	N	500	200	N	N	N
1550	67 9 44	150 41 0	N	N	N	N	100	100	N	N	N
1551	67 13 31	150 58 5	N	N	N	N	100	100	N	N	N
1552	67 13 46	150 57 54	N	N	N	N	100	100	N	N	N
1553	67 13 23	150 55 10	N	N	N	N	100	100	N	N	N
1554	67 13 36	150 54 33	N	N	N	N	100	100	N	N	N
1555	67 13 26	150 52 5	N	N	N	N	100	100	N	N	N
1561	67 11 8	150 52 16	N	N	N	N	100	150	N	N	N
1562	67 9 36	150 57 43	N	N	N	N	100	100	N	N	N
1789	67 12 5	150 30 20	N	N	N	N	100	100	N	N	N
1790	67 12 28	150 40 17	N	N	N	N	100	100	N	N	N
1848	67 1 17	150 33 38	N	N	N	N	15	50	N	N	N
1850	67 2 54	150 50 46	N	N	N	N	100	20	N	N	N
1852	67 2 53	150 30 27	N	N	N	N	50	<20	N	N	N
1853	67 2 1	150 30 23	N	N	N	N	<10	<20	N	N	N
					Wiseman A3--continued						
78	67 10 2	151 16 12	N	N	N	N	20	30	N	N	N
565C	67 12 18	151 21 1	N	N	N	N	150	150	N	N	N
566C	67 11 4	151 8 42	N	N	N	N	300	100	N	N	N
567C	67 10 21	151 7 45	N	N	N	N	500	100	N	N	N
568C	67 10 31	151 8 27	N	N	N	N	300	70	N	N	N
1563	67 9 15	151 3 47	N	N	N	N	100	100	N	N	N
1564	67 12 33	151 8 2	N	N	N	N	70	100	N	N	N
1565	67 8 47	151 9 3	N	N	N	N	100	100	N	N	N
1566	67 12 47	151 14 44	N	N	N	N	50	70	N	N	N
1567	67 12 57	151 15 6	N	N	N	N	100	200	N	N	N
1568	67 9 39	151 16 53	N	N	N	N	50	150	N	N	N
1569	67 11 13	151 21 29	N	N	N	N	500	100	N	N	N
1570	67 12 10	151 22 39	N	N	N	N	50	200	N	N	N
1571	67 12 34	151 27 36	N	N	N	1.0	100	200	N	N	N
1574	67 10 7	151 29 44	N	N	N	N	50	100	N	N	N
1859	67 6 5	151 21 54	N	N	N	N	<10	<20	N	N	N
1860	67 3 52	151 18 26	N	N	N	N	100	20	N	N	N
1861	67 5 44	151 14 0	N	N	N	N	100	<20	N	N	N
1863	67 4 41	151 7 9	N	N	N	N	100	50	N	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1847A	2.0	30	30	100	N	70	3,000	<2	100	5.00	70	.20
1945	5.0	20	70	700	N	N	>10,000	N	150	10.00	200	1.50
1946	5.0	30	70	150	N	N	>10,000	N	200	7.00	--200	1.50
1947	7.0	50	100	300	N	N	1,500	<2	500	7.00	1,000	.70
					Wiseman A2--continued							
1256C	2.0	20	<10	200	N	30	500	N	50	7.00	150	.20
1257C	1.5	15	<10	200	N	20	700	<2	70	10.00	200	.20
1548	1.0	N	20	300	N	30	>10,000	N	50	20.00	100	.70
1549	.7	N	20	200	N	N	300	N	20	50.00	100	.20
1550	1.0	<10	20	200	N	50	1,000	N	30	20.00	50	.30
1551	1.0	<10	20	200	N	50	150	N	20	20.00	50	.30
1552	1.0	<10	20	200	N	50	100	N	50	15.00	<50	.50
1553	5.0	20	50	300	N	70	700	N	30	20.00	100	.50
1554	1.0	20	30	200	N	50	100	N	30	20.00	50	.30
1555	1.0	20	20	500	N	50	100	N	50	20.00	100	.50
1561	1.0	20	30	200	N	70	500	N	30	15.00	70	.50
1562	.7	10	20	200	N	70	1,000	N	30	15.00	50	.30
1789	1.5	10	30	150	N	20	700	N	150	20.00	100	.50
1790	1.5	20	50	150	N	30	500	N	150	20.00	50	1.00
1848	1.0	N	20	150	N	1,500	500	N	100	10.00	150	.50
1850	1.0	<10	20	20	N	N	500	<2	100	7.00	50	.20
1852	.7	<10	20	20	N	N	200	<2	100	2.00	50	.15
1853	.5	<10	<10	20	N	N	200	N	150	1.00	50	.10
					Wiseman A3--continued							
78	3.0	20	30	200	N	N	1,000	2	100	1.50	100	1.00
565C	3.0	50	100	200	N	N	1,500	<2	200	15.00	200	.50
566C	3.0	20	50	300	N	20	3,000	N	100	15.00	100	1.00
567C	2.0	15	20	200	N	20	1,500	N	70	5.00	200	.50
568C	2.0	15	70	200	N	N	1,000	<2	200	5.00	100	.50
1563	1.0	10	20	500	N	70	200	N	30	15.00	50	.50
1564	1.0	<10	20	200	N	20	100	N	50	20.00	50	.50
1565	.7	<10	20	200	N	30	500	N	30	20.00	70	.30
1566	1.0	<10	20	200	N	N	300	N	70	20.00	200	.50
1567	1.0	50	50	500	N	N	500	N	100	20.00	200	.50
1568	1.0	N	20	150	N	<20	100	N	50	>20.00	100	.20
1569	.7	N	10	150	N	50	50	N	20	20.00	70	.20
1570	1.0	<10	50	200	N	N	500	N	70	50.00	200	.30
1571	2.0	10	50	200	N	<20	500	N	100	30.00	200	.30
1574	1.0	<10	30	150	N	N	300	N	50	30.00	150	.30
1859	.5	<10	<10	20	N	N	100	<2	70	5.00	50	.10
1860	1.0	<10	20	100	N	N	500	N	100	10.00	70	.30
1861	1.0	<10	30	100	N	N	>10,000	N	50	7.00	50	.50
1863	1.0	<10	30	100	N	<20	300	N	70	15.00	50	.30

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1847A	700	50	10	300	>2.00	N	200	N	500	>2,000
1945	500	50	<10	1,000	>2.00	N	500	1,000	200	1,000
1946	500	50	N	1,000	>2.00	N	300	<100	200	1,500
1947	500	50	10	1,000	>2.00	<200	300	N	500	2,000
				Wiseman A2--continued						
1256C	500	70	20	500	>2.00	N	150	N	500	100
1257C	300	50	30	1,000	>2.00	N	150	N	700	200
1548	300	50	20	1,000	>2.00	N	150	N	500	500
1549	500	50	20	5,000	>2.00	N	100	N	1,000	300
1550	300	50	50	2,000	>2.00	N	150	N	500	700
1551	300	70	20	1,500	>2.00	N	100	N	500	500
1552	300	50	20	1,000	>2.00	N	100	N	300	200
1553	500	50	30	1,000	>2.00	N	100	N	500	150
1554	300	50	20	1,000	>2.00	N	100	N	500	150
1555	300	50	20	1,500	>2.00	N	100	N	500	150
1561	500	50	100	500	>2.00	N	100	N	300	150
1562	500	50	50	<200	>2.00	N	100	N	300	200
1789	300	50	<10	700	>2.00	N	150	N	500	700
1790	1,000	50	<10	500	>2.00	N	150	N	500	700
1848	200	100	10	700	>2.00	N	300	100	500	>2,000
1850	300	50	N	500	>2.00	N	150	N	200	1,500
1852	150	<50	N	<200	1.00	N	70	N	50	700
1853	150	<50	N	<200	.70	N	70	N	50	1,000
				Wiseman A3--continued						
78	500	<50	30	300	1.00	N	200	N	70	200
565C	700	<50	20	1,500	>1.00	N	150	N	500	500
566C	700	<50	50	1,500	>1.00	N	300	N	500	500
567C	500	<50	50	300	>1.00	N	200	N	300	1,000
568C	500	<50	50	500	>1.00	N	200	N	200	300
1563	500	<50	50	200	>2.00	N	100	N	300	200
1564	200	<50	50	5,000	>2.00	N	100	N	700	150
1565	300	<50	50	5,000	>2.00	N	100	N	700	150
1566	200	<50	50	5,000	2.00	N	100	N	1,000	200
1567	300	<50	50	5,000	2.00	N	100	N	500	200
1568	300	<50	20	5,000	2.00	N	50	N	1,000	200
1569	200	<50	20	1,000	>2.00	N	50	N	700	200
1570	500	<50	20	5,000	2.00	N	100	N	1,000	1,000
1571	500	<50	20	5,000	>2.00	N	100	N	1,000	500
1574	200	50	20	5,000	2.00	N	70	N	1,000	500
1859	150	<50	N	200	2.00	N	50	N	100	1,000
1860	500	50	N	500	>2.00	N	150	N	500	>2,000
1861	300	50	N	300	>2.00	N	200	N	200	>2,000
1863	700	50	N	500	>2.00	N	200	N	500	>2,000

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
					Wiseman A4--continued						
46	67 14 28	151 40 40	N	N	N	N	20	30	N	N	N
47	67 14 28	151 40 40	N	N	N	N	50	50	N	N	N
49	67 14 28	151 40 40	N	N	N	N	20	70	N	N	N
520	67 10 36	151 35 39	N	N	N	N	20	50	<500	N	N
523	67 9 27	151 48 19	N	N	N	N	20	50	<500	N	N
544	67 12 15	151 44 54	N	N	N	N	500	50	N	N	N
546	67 14 53	151 50 1	N	N	N	N	20	30	N	N	N
548	67 14 16	151 49 35	N	N	N	N	200	50	N	N	N
576C	67 13 4	151 41 27	N	N	N	N	200	100	N	N	N
577C	67 13 12	151 41 54	N	N	N	N	200	150	N	N	N
1018C	67 14 43	151 35 38	N	N	N	1.0	50	50	N	N	N
1019C	67 14 49	151 35 54	N	<500	N	<1.0	15	50	N	N	N
1020C	67 14 24	151 36 20	N	N	N	<1.0	10	50	N	N	N
1021C	67 14 22	151 37 29	N	N	N	1.0	10	50	N	N	N
1022C	67 14 30	151 37 24	N	500	N	3.0	20	50	N	N	N
1601	67 10 53	151 57 55	N	N	N	N	100	100	N	N	N
1602	67 13 25	151 58 50	N	N	N	N	100	200	N	N	N
1618	67 9 19	151 42 28	N	N	N	N	50	100	N	N	N
1619	67 8 56	151 37 26	N	N	N	N	50	200	N	N	N
1620	67 14 25	151 41 35	N	N	N	N	50	500	N	N	N
1621	67 14 52	151 40 12	N	N	N	N	50	150	N	N	N
1622	67 13 9	151 41 33	N	N	N	N	50	1,500	N	N	N
1856	67 2 19	151 43 47	N	N	N	N	70	20	N	N	N
1857	67 2 27	151 34 15	N	N	N	N	10	N	N	N	N
1858	67 6 34	151 38 19	N	N	N	N	15	<20	N	N	N
1894	67 13 28	151 31 9	N	N	N	1.0	100	100	N	N	N
1895	67 13 4	151 30 42	N	N	N	1.5	150	500	N	N	N
					Wiseman A5--continued						
401C	67 13 22	152 19 54	N	N	N	N	50	50	<500	N	N
403C	67 10 45	152 16 19	N	N	N	N	50	<20	<500	N	N
405C	67 11 1	152 16 19	N	N	N	N	50	<20	<500	N	N
407C	67 8 47	152 13 16	N	N	N	N	50	<20	<500	N	N
409C	67 6 13	152 10 8	N	N	N	N	50	<20	<500	N	N
411C	67 6 3	152 10 19	N	N	N	N	50	20	N	N	N
413C	67 9 37	152 24 54	N	N	N	N	100	20	<500	N	N
480C	67 9 15	152 1 4	N	N	N	N	50	30	<500	N	N
499	67 14 14	152 4 35	N	N	N	N	150	50	<500	N	N
501	67 13 54	152 4 13	N	N	N	N	150	50	<500	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
Wiseman A4--continued												
46	2.0	15	20	150	N	N	1,000	2	100	1.50	50	1.00
47	5.0	15	30	150	N	N	1,000	2	150	1.50	70	1.50
49	2.0	10	20	100	N	N	1,000	2	150	1.50	50	1.00
520	3.0	10	30	300	N	N	1,000	2	100	.70	50	1.00
523	3.0	10	20	150	N	N	700	2	100	5.00	150	1.00
544	5.0	20	70	200	N	N	1,000	2	150	7.00	200	1.50
546	2.0	10	20	100	N	N	500	2	300	2.00	70	.50
548	2.0	10	20	150	N	N	700	<2	150	7.00	70	1.00
576C	5.0	50	100	500	N	N	1,000	2	300	3.00	200	.70
577C	5.0	50	70	300	N	N	1,500	2	300	5.00	200	.70
1018C	1.0	30	50	50	N	<20	700	N	50	10.00	100	.20
1019C	1.5	30	50	70	N	20	700	N	70	15.00	70	.50
1020C	.7	15	N	70	N	20	700	N	50	10.00	100	.15
1021C	.7	15	20	70	N	<20	700	<2	70	10.00	<50	.20
1022C	1.0	30	100	50	N	N	700	N	50	15.00	70	.20
1601	1.0	N	20	500	N	20	1,000	N	150	30.00	150	.20
1602	1.0	N	20	200	N	30	300	N	70	30.00	100	.20
1618	1.0	N	20	300	N	20	300	N	100	20.00	150	.30
1619	1.0	N	20	200	N	20	100	N	500	20.00	100	.30
1620	2.0	N	20	200	N	20	500	N	700	20.00	100	.50
1621	1.0	N	50	200	N	N	1,000	N	500	30.00	100	.50
1622	1.0	N	30	100	N	20	300	N	100	30.00	100	.30
1856	1.5	<10	30	100	N	N	2,000	N	1,500	10.00	200	.50
1857	.5	<10	20	<20	N	N	300	N	70	2.00	50	.10
1858	.7	<10	<10	20	N	N	100	N	100	5.00	70	.10
1894	1.0	<10	50	50	N	N	300	N	200	20.00	150	.20
1895	5.0	100	200	100	N	N	500	<2	500	15.00	500	.30
Wiseman A5--continued												
401C	10.0	50	70	200	N	N	100	N	150	2.00	100	1.50
403C	10.0	50	100	200	N	N	300	<2	100	1.00	50	.70
405C	15.0	30	100	200	N	N	300	<2	100	.70	50	.70
407C	20.0	30	50	200	N	N	200	<2	100	1.50	50	.70
409C	20.0	30	50	300	N	N	300	<2	100	1.50	50	1.00
411C	10.0	20	50	300	N	N	300	<2	100	1.50	50	1.00
413C	10.0	50	100	500	N	N	500	<2	100	1.00	50	1.00
480C	15.0	20	100	500	N	N	200	N	50	2.00	50	1.50
499	3.0	100	100	150	N	N	500	2	200	5.00	100	1.00
501	20.0	100	150	150	N	N	300	<2	50	1.50	50	2.00

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
					Wiseman A4--continued					
46	500	<50	20	200	1.00	N	200	N	50	150
47	700	<50	20	200	1.00	N	200	N	50	200
49	200	<50	20	200	1.00	N	200	N	50	150
520	200	<50	70	300	1.00	N	200	N	70	200
523	700	50	70	300	>1.00	N	200	N	200	200
544	700	<50	70	500	>1.00	N	200	N	150	150
546	200	<50	20	300	>1.00	N	200	N	70	300
548	700	<50	20	300	>1.00	N	200	N	100	150
576C	700	<50	30	700	>1.00	N	200	N	300	500
577C	700	<50	30	700	>1.00	N	200	N	200	500
1018C	300	100	30	1,000	>2.00	N	100	N	300	500
1019C	200	100	20	700	>2.00	N	100	N	200	700
1020C	150	100	20	1,000	>2.00	N	100	N	300	300
1021C	150	70	20	1,000	>2.00	N	100	N	200	150
1022C	150	70	15	1,000	>2.00	N	100	N	200	200
1601	200	<50	30	5,000	>2.00	N	150	N	700	1,000
1602	200	<50	20	200	>2.00	N	100	N	700	700
1618	200	<50	30	2,000	>2.00	N	100	N	500	500
1619	200	50	30	3,000	>2.00	N	100	N	500	300
1620	200	50	30	5,000	>2.00	N	150	N	300	500
1621	300	50	30	2,000	>2.00	N	200	N	500	500
1622	500	<50	30	5,000	>2.00	N	100	N	700	200
1856	300	50	N	500	>2.00	N	100	N	200	>2,000
1857	150	<50	N	N	1.00	N	70	N	50	1,000
1858	200	50	N	200	>2.00	N	100	N	150	2,000
1894	200	50	<10	2,000	>2.00	N	150	N	700	700
1895	1,000	50	N	1,500	>2.00	N	150	N	700	1,000
					Wiseman A5--continued					
401C	>5,000	<50	70	200	>1.00	N	200	N	150	500
403C	5,000	<50	70	<200	.70	N	200	N	100	300
405C	3,000	<50	50	<200	.70	N	200	N	100	500
407C	>5,000	<50	50	<200	>1.00	N	200	N	150	200
409C	>5,000	<50	100	200	1.00	N	300	N	200	200
411C	3,000	<50	50	200	1.00	N	200	N	100	200
413C	>5,000	<50	70	<200	.70	N	150	N	100	200
480C	2,000	<50	50	200	1.00	N	300	N	200	300
499	1,000	70	30	300	>1.00	N	200	N	200	300
501	5,000	<50	50	<200	1.00	N	150	N	200	200

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
569C	67 13 0	152 7 1	N	N	N	N	200	100	N	N	N
570C	67 11 51	152 14 13	N	N	N	N	100	100	N	N	N
571C	67 11 41	152 14 19	N	N	N	N	100	100	N	N	N
572C	67 11 1	152 16 19	N	N	N	N	700	150	N	N	N
573C	67 10 45	152 16 19	N	N	N	N	500	70	N	N	N
574C	67 9 36	152 22 26	N	N	N	N	50	100	N	N	N
575C	67 9 48	152 22 37	N	N	N	N	50	100	N	N	N
578C	67 9 9	152 24 6	N	N	N	N	100	100	N	N	N
579C	67 12 21	152 26 3	N	N	N	N	200	100	N	N	N
580C	67 12 23	152 25 36	N	N	N	N	200	150	N	N	N
591C	67 11 1	152 16 19	N	N	N	N	200	20	N	N	N
1597	67 10 53	152 29 11	N	N	N	N	50	100	N	N	N
1598	67 8 13	152 25 55	N	N	N	N	50	200	N	N	N
1599	67 9 58	152 21 54	N	N	N	N	50	200	N	N	N
1600	67 9 52	152 21 22	N	N	N	N	20	200	N	N	N
1605	67 13 10	152 7 12	N	N	N	N	100	200	N	N	N
1606	67 12 58	152 7 6	N	N	N	N	100	1,000	N	N	N
1607	67 7 47	152 5 52	N	N	N	N	50	300	N	N	N
1608	67 8 8	152 9 24	N	N	N	N	50	100	N	N	N
1609	67 9 11	152 0 50	N	N	N	N	50	200	N	N	N
1610	67 6 20	152 10 26	N	N	N	N	50	100	N	N	N
1611	67 0 13	152 10 53	N	N	N	N	50	100	N	N	N
1617	67 4 38	152 24 22	N	N	N	N	70	70	N	N	N
1854	67 3 26	152 6 9	N	N	N	N	50	50	N	N	N
1855	67 2 30	152 7 25	N	N	N	N	30	20	N	N	N
					Wiseman A6--continued						
12	67 12 44	152 38 40	N	N	N	N	30	50	N	N	N
38	67 11 4	152 51 32	N	N	N	N	50	30	N	N	N
417C	67 8 27	152 33 23	N	N	N	N	100	<20	<500	N	N
419C	67 5 6	152 43 52	N	N	N	N	50	<20	<500	N	N
421C	67 7 16	152 42 39	N	N	N	N	50	<20	N	N	N
423C	67 8 8	152 40 3	N	N	N	N	50	<20	<500	N	N
425C	67 13 5	152 43 26	N	N	N	N	50	20	<500	N	N
438C	67 8 28	152 56 4	N	N	N	3.0	5,000	50	<500	N	N
440C	67 8 24	152 46 45	N	N	N	N	50	30	<500	N	N
443C	67 12 30	152 42 27	N	N	N	N	100	30	<500	N	N
447C	67 14 17	152 46 30	N	N	N	N	50	<20	<500	N	N
465C	67 14 46	152 59 35	N	N	N	N	20	30	<500	N	N
581C	67 11 49	152 31 3	N	N	N	N	150	70	N	N	N
582C	67 11 25	152 33 57	N	N	N	N	150	70	N	N	N
583C	67 12 17	152 33 48	N	N	N	N	100	50	N	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
569C	5.0	15	100	300	N	N	1,500	2	700	2.00	100	1.00
570C	2.0	70	100	200	N	N	700	2	700	5.00	150	.50
571C	3.0	15	50	200	N	N	700	<2	2,000	5.00	150	.70
572C	5.0	50	100	200	N	N	1,500	<2	1,000	5.00	150	.50
573C	2.0	20	50	150	N	N	1,000	<2	300	3.00	100	.30
574C	2.0	<10	20	150	N	N	700	<2	300	5.00	200	.30
575C	2.0	<10	20	150	N	N	700	2	500	3.00	50	.30
578C	2.0	10	30	150	N	N	1,000	<2	1,000	3.00	300	.50
579C	2.0	30	50	150	N	N	700	<2	100	3.00	70	.70
580C	3.0	20	50	300	N	N	1,500	<2	200	10.00	100	1.00
591C	3.0	50	20	100	N	N	1,000	<2	100	2.00	200	.30
1597	1.0	<10	20	200	N	<20	700	N	70	30.00	70	.50
1598	1.0	N	20	500	N	20	500	N	200	30.00	70	.20
1599	.7	N	20	300	N	N	500	N	70	30.00	70	.20
1600	1.0	N	20	500	N	N	500	N	200	30.00	100	.20
1605	1.0	70	100	200	N	20	100	N	200	30.00	100	.20
1606	1.5	100	20	300	N	20	10,000	N	500	30.00	100	.50
1607	1.0	N	10	200	N	70	200	N	100	20.00	100	.20
1608	1.0	N	20	200	N	50	150	N	100	20.00	100	.20
1609	1.0	N	20	150	N	50	500	N	50	30.00	100	.20
1610	1.0	N	20	300	N	500	1,000	N	100	30.00	100	.30
1611	1.0	N	20	500	N	200	300	N	100	20.00	100	.50
1617	1.0	N	20	500	N	20	>10,000	N	100	15.00	100	1.00
1854	1.5	<10	20	70	N	N	200	N	100	15.00	70	.20
1855	1.0	<10	20	70	N	N	500	N	150	10.00	50	.15
Wiseman A6--continued												
12	5.0	20	50	200	N	N	1,500	2	100	2.00	50	1.00
38	5.0	20	100	200	N	N	1,500	2	100	.70	50	1.00
417C	20.0	50	70	500	N	N	100	<2	100	2.00	50	1.00
419C	15.0	20	50	500	N	N	300	<2	70	2.00	150	1.00
421C	>20.0	30	70	500	N	N	100	<2	100	1.00	50	.50
423C	20.0	20	50	200	N	N	300	<2	50	1.00	50	1.00
425C	20.0	20	30	200	N	N	150	N	70	2.00	50	.50
438C	15.0	30	50	200	N	100	100	N	50	3.00	50	.50
440C	10.0	20	50	500	N	N	700	<2	70	1.50	50	1.00
443C	20.0	50	100	700	N	N	500	<2	100	1.00	50	1.00
447C	20.0	50	30	500	N	N	100	<2	50	2.00	50	.70
465C	20.0	50	50	200	N	N	50	N	70	2.00	50	.50
581C	2.0	20	20	150	N	N	500	<2	150	3.00	50	.50
582C	2.0	50	100	150	N	N	1,000	<2	200	7.00	100	.30
583C	2.0	10	50	150	N	N	1,000	<2	150	5.00	50	.30

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
569C	500	<50	30	500	>1.00	N	300	N	200	500
570C	500	<50	30	700	>1.00	N	200	N	200	300
571C	500	<50	50	700	>1.00	N	300	N	200	700
572C	500	<50	30	1,000	>1.00	N	200	N	200	500
573C	300	<50	20	700	>1.00	N	200	N	150	300
574C	300	<50	20	700	>1.00	N	200	N	200	300
575C	300	<50	30	700	>1.00	N	200	N	200	300
578C	500	<50	30	700	>1.00	N	200	N	200	300
579C	500	<50	50	500	>1.00	N	200	N	200	300
580C	500	<50	50	1,000	>1.00	N	300	N	200	300
591C	1,000	<50	20	200	>1.00	N	150	N	200	500
1597	300	50	<10	2,000	>2.00	N	100	N	500	200
1598	300	50	30	5,000	>2.00	N	150	N	500	700
1599	300	50	30	5,000	>2.00	N	150	N	700	1,000
1600	300	<50	30	5,000	>2.00	N	150	N	700	200
1605	500	50	20	5,000	>2.00	N	150	N	500	500
1606	300	<50	20	2,000	>2.00	N	150	N	500	1,000
1607	300	<50	30	2,000	>2.00	N	100	N	500	500
1608	300	50	30	5,000	>2.00	N	100	N	500	500
1609	300	50	20	2,000	>2.00	N	100	N	1,000	200
1610	300	50	30	1,000	>2.00	N	150	N	500	500
1611	200	50	30	1,000	>2.00	N	150	N	300	1,000
1617	500	50	30	1,500	>2.00	N	150	N	300	1,000
1854	300	50	N	700	>2.00	N	100	N	500	>2,000
1855	300	50	N	500	>2.00	N	100	N	300	>2,000
				Wiseman A6--continued						
12	700	<50	30	300	1.00	N	200	N	50	200
38	500	<50	30	300	.70	N	200	N	30	200
417C	>5,000	<50	>100	<200	1.00	N	200	N	300	200
419C	>5,000	<50	100	200	>1.00	N	300	N	200	1,000
421C	>5,000	<50	100	<200	>1.00	N	700	N	200	200
423C	>5,000	<50	70	<200	1.00	N	200	N	150	200
425C	5,000	<50	30	200	>1.00	N	200	N	100	300
438C	>5,000	<50	100	200	1.00	N	300	N	300	300
440C	5,000	<50	50	200	.70	N	200	N	100	200
443C	5,000	<50	50	200	.70	N	200	N	100	200
447C	>5,000	<50	>100	<200	.50	N	150	N	200	500
465C	>5,000	<50	>100	<200	>1.00	N	200	N	200	700
581C	200	<50	20	500	>1.00	N	200	N	50	300
582C	700	<50	30	700	>1.00	N	200	N	200	300
583C	300	<50	20	500	>1.00	N	200	N	100	200

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
584C	2.0	50	100	200	N	N	1,500	<2	200	7.00	50	.50
585C	2.0	<10	20	150	N	N	1,500	2	300	3.00	100	.50
586C	1.0	<10	<10	100	N	N	1,000	<2	200	3.00	200	.30
587C	2.0	10	30	150	N	N	3,000	<2	300	5.00	200	.50
588C	5.0	20	70	300	N	N	1,000	<2	300	2.00	50	.50
589C	2.0	30	50	100	N	N	700	<2	200	3.00	50	.30
590C	2.0	50	70	100	N	N	500	<2	100	2.00	<50	.30
592C	2.0	70	30	70	N	N	500	<2	100	3.00	50	.50
593C	2.0	50	20	50	N	N	300	<2	100	.70	50	.20
594C	2.0	<10	20	200	N	N	700	<2	200	5.00	50	.50
595C	2.0	50	50	200	N	N	700	<2	100	5.00	50	.50
596C	2.0	70	20	50	N	N	200	<2	70	1.00	50	.20
1575	1.0	50	10	100	N	50	<50	N	<20	30.00	50	.20
1576	1.0	100	20	100	N	30	<50	N	<20	20.00	50	.20
1577	2.0	200	50	150	N	150	50	N	20	20.00	50	.50
1579	5.0	100	20	150	N	<20	200	N	50	30.00	50	.50
1580	1.5	20	20	1,000	N	20	700	N	50	20.00	50	.50
1581	2.0	50	50	700	N	N	200	N	30	20.00	50	.50
1582	1.0	10	30	500	N	N	200	N	100	20.00	70	.50
1583	1.0	10	20	500	N	30	200	N	500	20.00	70	.50
1584	2.0	20	50	500	N	50	700	N	100	20.00	70	.50
1585	.7	<10	20	500	N	20	700	N	70	30.00	70	.50
1586	5.0	70	50	200	N	N	500	N	200	20.00	200	.50
1587	1.0	<10	20	200	N	70	500	N	100	20.00	100	.30
1588	1.0	<10	20	300	N	20	300	N	100	20.00	100	.30
1589	1.0	<10	20	500	N	500	500	N	100	15.00	70	.50
1590	1.0	<10	20	500	N	300	10,000	N	200	15.00	200	.50
1591	1.0	<10	20	700	N	50	3,000	N	200	15.00	300	1.00
1592	1.0	<10	20	100	N	70	>10,000	N	50	10.00	150	.50
1593	1.0	<10	10	500	N	150	10,000	N	100	20.00	50	.50
1594	1.0	<10	10	200	N	50	>10,000	N	100	15.00	70	.50
1595	1.0	<10	20	200	N	<20	1,000	N	100	30.00	70	.50
1596	1.0	<10	20	200	N	30	500	N	100	30.00	70	.50
Wiseman B1--continued												
1127C	20.0	500	100	30	N	N	5,000	N	100	2.00	150	.20
1128C	5.0	50	50	200	N	N	1,000	N	500	5.00	70	1.50
1141C	20.0	200	200	70	N	N	7,000	<2	200	3.00	70	.30
1142C	7.0	150	100	100	N	N	1,000	<2	150	2.00	100	.50
1143AC	15.0	500	200	70	N	N	1,500	<2	200	3.00	150	.50

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
584C	1,000	<50	30	700	>1.00	N	200	N	200	300
585C	300	<50	30	700	>1.00	N	200	N	200	1,000
586C	300	50	30	300	>1.00	N	200	N	150	1,000
587C	1,000	<50	30	500	>1.00	N	200	N	200	300
588C	300	<50	50	500	>1.00	N	200	N	100	500
589C	300	<50	20	500	>1.00	N	200	N	100	500
590C	300	<50	20	300	>1.00	N	200	N	200	300
592C	700	<50	30	300	>1.00	N	150	N	300	500
593C	500	<50	20	200	>1.00	N	100	N	150	500
594C	300	<50	30	500	>1.00	N	200	N	200	500
595C	700	<50	30	500	>1.00	N	200	N	200	300
596C	500	<50	20	200	>1.00	N	100	N	200	200
1575	500	<50	<10	1,000	>2.00	N	50	N	500	1,000
1576	300	<50	<10	1,000	>2.00	N	50	200	500	1,000
1577	700	50	20	1,000	>2.00	N	70	100	700	1,000
1579	1,000	<50	20	1,000	>2.00	N	70	N	500	1,000
1580	700	50	50	1,000	>2.00	N	200	N	300	700
1581	700	<50	70	1,000	>2.00	N	300	N	200	700
1582	200	50	20	1,000	>2.00	N	200	N	500	500
1583	200	50	20	1,000	>2.00	N	200	N	300	1,000
1584	300	50	20	1,000	>2.00	N	200	N	500	500
1585	300	<50	20	2,000	>2.00	N	100	N	500	200
1586	300	50	20	1,000	>2.00	N	100	N	500	700
1587	300	50	20	1,000	>2.00	N	100	N	500	1,000
1588	300	50	20	1,000	>2.00	N	100	N	500	1,000
1589	300	50	20	500	>2.00	N	100	N	200	500
1590	300	50	20	700	>2.00	N	150	N	300	1,000
1591	500	50	50	700	>2.00	N	150	N	300	200
1592	300	50	<10	1,500	>2.00	N	100	N	200	2,000
1593	300	50	20	700	>2.00	N	150	N	300	700
1594	300	50	<10	1,000	>2.00	N	150	N	500	2,000
1595	300	50	<10	1,000	>2.00	N	100	N	500	200
1596	300	50	<10	2,000	>2.00	N	100	N	500	200
Wiseman B1--continued										
1127C	1,000	<50	15	500	>2.00	N	50	N	200	>2,000
1128C	1,500	<50	50	500	2.00	N	200	N	150	500
1141C	7,000	<50	20	300	>2.00	N	100	N	150	700
1142C	2,000	50	20	500	>2.00	N	150	N	100	200
1143AC	5,000	50	20	500	>2.00	N	150	N	100	1,000

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
1143B	67 27 1	150 5 9	N	5,000	70	5.0	200	500	N	N	N
1143C	67 27 1	150 5 8	200	1,500	N	2.0	2,000	200	500	N	N
1144C	67 27 29	150 1 16	N	500	N	N	500	70	N	N	N
1145C	67 25 0	150 2 52	N	700	<20	5.0	1,500	500	<500	N	N
1146C	67 25 28	150 8 37	N	1,000	N	1.5	1,000	200	500	N	N
1147C	67 27 2	150 15 17	N	<500	N	N	1,500	70	N	N	N
1148C	67 28 5	150 14 25	1,500	1,500	N	1.5	1,500	200	<500	N	N
1149C	67 28 15	150 17 26	N	700	N	2.0	2,000	300	N	N	N
1150C	67 27 47	150 18 0	N	N	N	<1.0	200	70	N	N	N
1151C	67 26 8	150 22 0	N	N	N	<1.0	1,000	100	N	N	N
1152C	67 25 43	150 21 14	N	<500	N	1.0	200	70	N	N	N
1500	67 22 41	150 10 23	N	N	N	N	150	1,500	N	N	N
1500A	67 22 41	150 10 23	N	N	N	N	150	1,000	N	N	N
1501	67 21 57	150 5 53	N	N	N	N	200	200	N	N	N
1501A	67 21 57	150 5 53	N	N	N	N	150	200	N	N	N
1502	67 20 52	150 11 30	N	N	N	5.0	150	1,500	N	N	N
1503	67 23 28	150 8 51	N	N	N	N	200	100	N	N	N
1504	67 19 16	150 12 15	N	N	N	7.0	300	10,000	N	N	N
1504A	67 19 16	150 12 15	N	N	N	2.0	500	500	N	N	N
1504B	67 19 16	150 12 15	N	N	50	1.5	500	700	N	N	N
1505	67 19 33	150 15 42	N	N	N	2.0	200	500	N	N	N
1506	67 19 44	150 15 42	N	N	N	7.0	150	1,000	N	N	N
1507	67 19 48	150 15 20	N	N	N	7.0	200	1,500	N	N	N
1508	67 20 6	150 0 43	N	N	N	N	100	300	N	N	N
1509	67 18 59	150 7 18	N	N	N	N	100	200	N	N	N
1510	67 17 50	150 12 28	N	N	N	N	100	100	N	N	N
1511	67 16 43	150 7 33	N	N	N	N	70	200	N	N	N
1512	67 15 29	150 13 41	N	N	N	N	50	200	N	N	N
1514	67 15 9	150 18 27	N	N	N	N	50	200	N	N	N
1515	67 15 15	150 17 50	N	N	N	15.0	100	300	N	N	N
1720	67 24 46	150 1 58	N	N	N	7.0	300	2,000	<500	N	N
1721	67 25 25	150 11 49	N	N	N	N	300	100	N	N	N
1722	67 27 3	150 19 58	N	N	N	30.0	2,000	3,000	2,000	N	50
1723	67 27 16	150 23 15	N	20,000	N	N	200	50	N	N	N
1724	67 24 34	150 20 33	N	N	N	N	100	200	N	N	N
1725	67 24 38	150 20 1	N	500	N	N	200	500	N	N	N
1726	67 25 31	150 29 31	N	2,000	N	N	200	700	N	N	N
1728	67 22 51	150 29 23	N	N	N	N	300	100	N	N	N
1729	67 23 9	150 29 1	N	1,000	N	N	1,000	50	N	N	N
1730	67 22 52	150 24 3	N	N	N	N	150	100	N	N	N
1731	67 23 10	150 24 13	N	500	N	7.0	300	100	<500	N	N
1732	67 18 13	150 25 49	N	N	N	<1.0	500	100	N	N	N
1733	67 18 25	150 26 10	N	N	N	N	200	150	N	N	N
1734	67 17 53	150 28 34	N	N	N	N	200	100	N	N	N
1735	67 16 58	150 18 14	N	N	N	10.0	300	2,000	<500	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1143B	10.0	300	70	20	N	N	5,000	N	150	2.00	N	.30
1143C	10.0	200	150	100	N	N	1,000	2	200	2.00	150	.70
1144C	7.0	200	100	70	N	<20	5,000	N	150	5.00	100	.20
1145C	7.0	70	100	100	N	N	700	<2	150	7.00	100	.20
1146C	5.0	50	100	150	N	N	500	<2	150	7.00	100	.70
1147C	7.0	100	100	50	N	N	700	N	200	7.00	100	.50
1148C	15.0	150	200	70	N	N	2,000	<2	500	3.00	150	.20
1149C	15.0	100	150	50	N	N	10,000	N	100	5.00	150	.30
1150C	3.0	20	50	200	N	N	500	N	150	10.00	N	.30
1151C	10.0	150	100	70	N	N	500	N	100	7.00	<50	.50
1152C	2.0	50	70	200	N	N	500	N	100	10.00	N	.50
1500	5.0	50	50	500	N	N	1,000	N	500	20.00	70	.50
1500A	5.0	70	50	500	N	N	1,500	N	500	20.00	70	.50
1501	2.0	50	50	500	N	N	300	N	100	20.00	150	.50
1501A	2.0	50	50	500	N	<20	200	N	100	20.00	100	.50
1502	5.0	50	50	500	N	50	200	N	200	15.00	100	.50
1503	2.0	50	70	500	N	30	700	N	200	15.00	100	.70
1504	7.0	70	100	100	N	N	200	N	100	10.00	N	.20
1504A	7.0	100	100	100	N	N	700	N	1,000	10.00	50	.50
1504B	7.0	100	100	200	N	N	500	<2	700	20.00	70	.70
1505	10.0	100	100	500	<10	N	300	N	500	10.00	150	.50
1506	2.0	10	30	300	N	30	700	N	500	20.00	150	.50
1507	2.0	30	20	500	N	30	1,000	N	500	20.00	70	1.00
1508	1.0	20	20	300	N	N	150	N	100	30.00	70	.20
1509	1.0	20	20	300	N	N	500	N	100	20.00	100	.20
1510	5.0	30	50	200	N	<20	10,000	N	200	20.00	100	.20
1511	1.0	N	20	100	N	N	200	N	20	30.00	100	.20
1512	1.0	N	20	200	N	N	100	N	100	30.00	100	.20
1514	1.0	N	20	200	N	20	700	N	20	30.00	100	.20
1515	2.0	10	50	300	N	20	150	N	200	30.00	100	.50
1720	7.0	70	150	200	N	N	200	<2	500	15.00	200	.50
1721	7.0	100	200	150	N	N	150	<2	500	20.00	50	2.00
1722	7.0	50	100	100	N	N	50	<2	200	20.00	50	2.00
1723	15.0	100	100	50	N	N	150	<2	200	10.00	70	.50
1724	1.0	N	50	150	N	N	70	<2	500	20.00	50	.30
1725	7.0	150	50	100	N	20	50	N	500	20.00	50	2.00
1726	15.0	200	100	20	N	N	100	N	100	20.00	50	.50
1728	7.0	50	150	300	N	N	1,000	<2	700	20.00	50	1.50
1729	10.0	700	100	50	N	<20	<50	N	200	15.00	50	.20
1730	5.0	70	100	100	N	N	150	<2	500	30.00	200	.50
1731	15.0	100	200	100	N	N	>10,000	N	200	15.00	50	.50
1732	10.0	70	200	200	N	50	1,000	N	1,000	15.00	200	1.00
1733	2.0	70	150	150	N	N	200	2	1,500	20.00	200	.70
1734	5.0	70	150	150	N	30	500	N	500	20.00	50	1.00
1735	7.0	70	150	100	N	<20	200	<2	1,000	10.00	200	.70

Table 6 Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1143B	500	N	N	500	2.00	N	100	N	100	1,500
1143C	3,000	<50	20	700	2.00	N	100	N	100	500
1144C	7,000	50	50	500	>2.00	N	100	N	150	2,000
1145C	700	70	20	500	>2.00	N	100	<100	200	500
1146C	2,000	50	30	500	>2.00	N	150	<100	150	700
1147C	>10,000	<50	70	500	>2.00	N	100	N	200	1,000
1148C	2,000	<50	15	500	>2.00	N	100	N	100	2,000
1149C	5,000	<50	20	700	>2.00	N	100	N	150	>2,000
1150C	1,500	50	20	700	>2.00	N	200	150	150	500
1151C	10,000	50	50	500	>2.00	N	150	N	200	300
1152C	1,000	50	20	500	>2.00	N	150	<100	150	500
1500	300	<50	50	1,000	>2.00	N	100	N	300	1,000
1500A	200	50	30	1,000	>2.00	N	100	<100	300	1,000
1501	300	50	50	2,000	>2.00	N	100	<100	500	200
1501A	300	50	50	2,000	>2.00	N	100	N	500	300
1502	300	50	30	700	>2.00	N	100	<100	200	300
1503	500	50	50	500	>2.00	N	100	N	200	300
1504	500	150	N	1,000	>2.00	N	300	<100	500	2,000
1504A	200	150	N	1,000	>2.00	N	200	N	300	2,000
1504B	300	150	10	1,000	>2.00	N	300	1,000	500	>2,000
1505	150	50	20	1,000	>2.00	N	100	100	200	1,000
1506	200	50	20	2,000	>2.00	N	100	<100	500	500
1507	200	50	30	2,000	>2.00	N	150	N	200	700
1508	200	<50	20	5,000	>2.00	N	100	N	700	500
1509	300	50	30	2,000	>2.00	N	100	N	500	200
1510	200	50	10	1,000	>2.00	N	100	N	500	200
1511	300	<50	30	5,000	>2.00	N	100	N	700	100
1512	200	<50	30	5,000	2.00	N	100	N	1,000	200
1514	500	<50	30	5,000	>2.00	N	70	N	700	150
1515	500	<50	30	5,000	>2.00	N	100	<100	700	500
1720	500	50	N	1,000	>2.00	N	200	N	500	700
1721	1,000	50	N	1,000	>2.00	N	200	N	500	700
1722	3,000	50	N	1,000	>2.00	N	200	N	500	1,000
1723	2,000	<50	N	500	>2.00	N	150	N	300	2,000
1724	300	50	N	700	>2.00	N	150	N	500	1,000
1725	500	50	N	<200	>2.00	N	150	N	500	1,000
1726	1,000	50	N	5,000	>2.00	N	100	N	500	1,000
1728	1,000	50	N	1,000	>2.00	N	200	N	500	1,000
1729	1,000	100	N	200	>2.00	N	100	N	700	700
1730	700	50	N	1,500	>2.00	N	200	N	700	1,000
1731	1,000	50	150	1,500	>2.00	N	1,000	N	500	1,000
1732	500	70	N	1,000	>2.00	N	300	200	500	1,500
1733	1,000	50	N	2,000	>2.00	N	200	N	700	1,000
1734	1,000	100	N	1,000	>2.00	N	1,000	<100	500	500
1735	200	50	N	1,000	>2.00	N	1,000	200	500	1,500

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1736	7.0	150	50	N	N	N	>10,000	N	100	2.00	N	.20
1736A	5.0	200	50	30	N	N	>10,000	N	100	7.00	N	.20
1737	5.0	30	50	150	N	N	1,500	5	500	.15	N	1.00
1737A	15.0	50	100	50	N	1,000	1,000	N	150	2.00	N	.70
1737B	30.0	200	150	20	N	50	2,000	N	70	3.00	N	1.00
1944	50.0	500	500	20	N	N	2,000	N	50	1.00	N	.07
1944A	50.0	700	500	N	N	150	1,000	N	50	1.00	N	.07
1948	2.0	30	50	100	N	N	500	N	300	20.00	100	.50
1949	15.0	100	200	150	N	50	700	2	1,500	7.00	200	.70
1950	5.0	20	50	100	N	N	1,000	2	2,000	15.00	100	.70
1951	7.0	20	50	100	N	<20	700	<2	2,000	5.00	50	1.00
1952	7.0	100	100	100	N	N	300	2	500	15.00	50	.50
1953	3.0	50	100	150	N	N	300	N	500	15.00	150	.50
1954	7.0	100	70	50	N	N	700	N	500	20.00	100	.50
1955	10.0	70	70	20	N	N	100	N	200	7.00	150	.20
1956	2.0	50	30	150	N	N	700	2	500	10.00	50	.70
1957	5.0	20	50	100	N	N	700	N	1,000	7.00	50	.70
1981	50.0	200	300	N	N	1,500	3,000	N	70	.30	N	.07
1981A	30.0	200	300	N	N	300	5,000	N	50	.20	N	.05
1981B	2.0	N	30	N	N	200	100	N	<20	.10	N	<.05
1981C	50.0	200	300	N	N	N	10,000	N	70	.50	N	.07
1981D	50.0	300	200	N	N	N	5,000	N	70	.30	N	.07
1981E	50.0	200	200	N	N	N	2,000	N	70	.15	N	.10
1982	30.0	300	150	20	N	N	>10,000	N	100	2.00	N	.10
1982A	50.0	500	700	N	N	N	200	N	70	.10	N	.10
1983	5.0	50	50	50	N	N	7,000	N	500	10.00	70	.15
1983A	2.0	20	30	100	N	N	100	2	150	15.00	70	.30
1983B	5.0	70	200	70	N	N	300	N	100	5.00	50	.20
1994	10.0	150	70	N	N	N	10,000	N	30	10.00	50	.05
1995A	5.0	150	100	150	N	20	1,500	N	100	10.00	150	.20
1996	50.0	500	500	N	N	N	2,000	N	70	.20	N	.20
1996A	30.0	500	500	N	N	30	2,000	N	50	.20	N	.10
2001	2.0	70	100	150	N	N	150	2	1,000	20.00	70	.50
2002	5.0	10	50	200	N	N	200	2	1,000	15.00	50	.70
2003	15.0	200	150	70	N	N	10,000	N	100	15.00	50	.30
2004	3.0	20	50	100	N	N	300	N	200	20.00	50	.50
2005	10.0	100	100	70	N	N	7,000	N	200	15.00	50	.70
2006	3.0	20	70	100	N	N	200	N	1,000	20.00	50	.70
2007	2.0	20	50	100	N	<20	70	<2	500	20.00	50	.30
Wiseman B2--continued												
1129C	15.0	100	70	50	N	N	>10,000	N	70	2.00	50	.10
1130C	10.0	150	100	50	N	N	>10,000	<2	150	2.00	200	.30
1130C	50.0	300	200	N	N	500	>10,000	N	50	.10	N	.05
1130D	30.0	150	100	N	N	500	>10,000	N	<20	.15	N	<.05

Table 6. Spectrographic Analyses for Heavy-Mineral Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1736	500	N	N	1,500	1.00	N	70	N	100	2,000
1736A	700	N	10	1,000	>2.00	N	100	N	200	>2,000
1737	700	N	50	N	1.00	N	300	N	70	300
1737A	1,500	N	15	200	1.00	N	200	N	150	200
1737B	1,000	N	10	500	1.50	N	50	N	150	>2,000
1944	300	N	N	N	1.50	N	70	N	100	1,000
1944A	200	N	N	300	1.50	N	70	N	70	1,000
1948	500	50	<10	1,000	>2.00	N	200	N	500	500
1949	200	70	<10	1,000	>2.00	N	200	150	200	300
1950	200	70	N	1,000	>2.00	N	200	N	500	700
1951	200	70	N	500	>2.00	N	200	N	300	1,000
1952	1,000	50	<10	1,000	>2.00	N	150	N	500	1,000
1953	700	50	N	1,000	>2.00	N	200	N	500	500
1954	1,000	50	N	1,500	>2.00	N	200	N	500	>2,000
1955	700	50	N	700	>2.00	N	200	N	300	2,000
1956	300	150	N	700	>2.00	N	500	100	500	1,500
1957	300	70	N	500	>2.00	N	200	N	200	1,000
1981	700	N	N	N	.30	N	N	N	30	700
1981A	500	N	N	N	.20	N	N	N	20	500
1981B	200	N	N	N	.07	N	N	N	N	N
1981C	300	N	N	300	.70	N	30	N	50	2,000
1981D	150	N	N	200	.50	N	30	N	30	100
1981E	500	N	N	N	.30	N	20	N	30	200
1982	500	N	N	700	2.00	N	100	1,000	150	2,000
1982A	500	N	N	N	.15	N	20	N	20	70
1983	500	N	10	1,000	>2.00	N	150	N	500	>2,000
1983A	700	150	10	700	>2.00	N	200	2,000	500	>2,000
1983B	500	70	10	500	>2.00	N	200	1,000	200	>2,000
1994	200	<50	N	1,000	>2.00	N	30	N	300	>2,000
1995A	700	150	10	1,000	>2.00	N	500	200	300	>2,000
1996	700	N	N	<200	1.00	N	50	N	70	200
1996A	300	N	N	<200	.50	N	30	N	30	150
2001	700	50	N	1,000	>2.00	N	200	N	700	700
2002	200	50	N	1,000	>2.00	N	200	N	500	700
2003	300	50	N	1,000	>2.00	N	100	N	500	700
2004	500	50	N	1,000	>2.00	N	150	N	50	500
2005	700	50	50	1,000	>2.00	N	500	N	50	200
2006	1,000	<50	<10	1,500	>2.00	N	200	N	70	300
2007	500	70	N	1,000	>2.00	N	200	N	50	500
Wiseman B2--continued										
1129C	500	<50	10	1,000	2.00	N	50	N	150	1,000
1130C	1,000	<50	10	1,000	2.00	N	50	N	150	1,000
1130C	70	N	N	1,000	.20	N	20	N	20	50
1130D	100	N	N	3,000	.10	N	N	N	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
1153C	67 26 28	150 32 24	N	1,500	N	2.0	3,000	150	<500	N	N
1154C	67 26 50	150 32 23	N	3,000	N	1.0	500	30	N	N	N
1155C	67 25 32	150 36 11	N	700	N	1.5	2,000	50	700	N	N
1156C	67 27 24	150 38 46	N	N	N	5.0	2,000	500	N	N	N
1157C	67 26 50	150 41 55	N	N	N	<1.0	70	70	N	N	N
1158C	67 27 31	150 48 29	N	N	N	5.0	700	300	N	N	N
1159C	67 27 12	150 54 6	N	N	N	3.0	700	300	N	N	N
1239C	67 28 52	150 58 14	N	N	N	10.0	200	2,000	500	<50	<20
1240C	67 25 4	150 50 58	N	N	N	1.0	70	100	700	N	N
1241C	67 24 10	150 55 53	N	N	N	2.0	70	1,000	700	N	N
1242C	67 23 52	150 55 54	N	2,000	N	N	500	300	N	N	N
1243C	67 24 26	150 54 27	N	N	N	2.0	300	200	<500	N	N
1244	67 24 10	150 53 45	N	N	N	2.0	700	50	N	N	N
1245C	67 25 23	150 44 1	N	N	N	1.0	20	100	500	N	N
1246C	67 22 23	150 47 20	N	N	N	1.0	50	300	N	N	N
1247C	67 18 28	150 55 5	N	N	N	<1.0	10	150	N	N	N
1248C	67 18 53	150 48 53	N	N	N	<1.0	10	200	N	N	N
1249C	67 18 40	150 48 27	N	N	N	1.5	15	200	N	N	N
1250C	67 22 10	150 44 3	N	N	N	N	100	100	N	N	100
1251C	67 19 40	150 38 8	N	N	N	<1.0	15	150	N	N	N
1252C	67 17 22	150 36 33	--	--	--	--	--	--	--	--	--
1253A	67 16 54	150 42 1	N	N	N	N	100	150	N	N	N
1253C	67 16 54	150 42 1	--	--	--	--	--	--	--	--	--
1254A	67 15 37	150 38 46	N	N	N	N	100	150	N	N	N
1254C	67 15 37	150 38 46	--	--	--	--	--	--	--	--	--
1255A	67 15 28	150 45 5	N	N	N	N	100	100	N	N	N
1255C	67 15 28	150 45 5	--	--	--	--	--	--	--	--	--
1258C	67 24 29	150 36 57	N	N	N	1.0	<10	50	N	N	N
1259C	67 22 45	150 38 42	N	1,500	N	1.5	10	700	N	N	N
1260C	67 22 40	150 31 47	N	2,000	N	1.0	20	20	N	N	N
1261C	67 22 56	150 31 14	N	2,000	N	2.0	200	200	N	N	N
1262C	67 25 4	150 38 31	N	500	N	15.0	20	1,500	<500	N	N
1556	67 15 8	150 54 18	N	N	N	N	100	100	N	N	N
1557	67 21 21	150 38 32	N	N	N	N	50	50	N	N	N
1558	67 17 41	150 33 52	N	N	N	N	100	100	N	N	N
1559	67 17 15	150 33 42	N	N	N	N	70	150	N	N	N
1560	67 18 58	150 50 35	N	N	N	30.0	1000	1,000	N	N	<20
1673	67 28 12	150 54 57	N	N	N	N	50	50	N	N	N
1675	67 26 46	150 54 25	N	N	N	N	300	150	N	N	N
1676	67 26 11	150 51 45	N	N	N	5.0	300	200	N	N	N
1677	67 25 15	150 58 51	N	N	N	N	500	300	N	N	N
1678	67 24 24	150 59 7	N	<500	N	N	200	50	2,000	N	N
1679	67 21 46	150 56 37	N	500	N	2.0	2,000	500	<500	N	N
1680	67 23 12	150 56 27	N	N	N	N	300	100	N	N	N
1681	67 22 58	150 59 44	N	N	N	N	700	50	N	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1153C	20.0	300	200	70	N	N	1,500	<2	150	5.00	100	.50
1154C	30.0	100	100	70	N	N	700	N	100	5.00	N	.30
1155C	20.0	200	100	50	N	N	2,000	<2	100	5.00	<50	.20
1156C	5.0	50	70	150	N	N	5,000	N	200	7.00	200	.70
1157C	3.0	20	N	150	N	N	500	N	150	5.00	100	.30
1158C	3.0	20	N	150	N	N	2,000	N	100	5.00	70	.30
1159C	5.0	50	50	100	30	N	700	N	200	3.00	200	.50
1239C	5.0	150	50	100	N	N	7,000	N	70	10.00	200	.10
1240C	2.0	50	30	200	N	50	700	N	100	7.00	200	1.00
1241C	5.0	150	50	150	100	N	5,000	N	70	7.00	200	1.00
1242C	5.0	200	50	150	N	<20	3,000	N	150	7.00	200	.70
1243C	5.0	70	50	150	<10	20	2,000	N	100	10.00	200	.50
1244	3.0	50	20	70	N	N	1,000	N	50	5.00	70	.10
1245C	3.0	50	30	300	N	N	700	N	100	5.00	200	.70
1246C	1.5	30	N	70	N	<20	5,000	N	100	7.00	200	.20
1247C	1.5	50	50	200	N	20	500	<2	150	10.00	100	.30
1248C	2.0	50	50	200	N	20	700	<2	200	10.00	70	.30
1249C	1.5	30	50	200	N	<20	500	N	150	15.00	100	.30
1250C	3.0	70	50	100	N	N	>10,000	N	100	10.00	150	.30
1251C	1.5	50	50	200	N	<20	1,500	2	150	10.00	150	.30
1252C	--	--	--	--	--	--	--	--	--	--	--	--
1253A	1.0	N	30	200	N	<20	200	N	100	30.00	150	.30
1253C	--	--	--	--	--	--	--	--	--	--	--	--
1254A	1.5	N	30	300	N	<20	500	N	100	30.00	100	.50
1254C	--	--	--	--	--	--	--	--	--	--	--	--
1255A	1.0	N	30	500	N	200	70	N	70	20.00	50	.50
1255C	--	--	--	--	--	--	--	--	--	--	--	--
1258C	1.5	20	N	150	N	20	500	<2	100	7.00	150	.30
1259C	2.0	100	30	100	<10	<20	700	<2	150	7.00	70	.20
1260C	1.5	150	50	100	N	<20	500	N	100	5.00	70	.20
1261C	7.0	500	50	70	N	<20	700	N	150	7.00	70	.10
1262C	5.0	70	200	70	N	N	700	N	100	3.00	50	.20
1556	1.0	<10	20	500	N	70	100	N	70	20.00	100	.50
1557	1.0	<10	10	150	N	70	150	N	100	7.00	50	.50
1558	1.0	<10	20	200	N	20	500	N	20	30.00	100	.50
1559	1.0	<10	20	200	N	20	1,000	N	50	20.00	100	.30
1560	1.0	50	30	200	N	20	500	N	50	20.00	100	.50
1673	1.0	10	20	20	N	N	1,000	<2	100	3.00	70	.30
1675	2.0	20	20	200	N	N	300	N	200	7.00	500	.50
1676	2.0	20	20	200	N	200	200	N	500	10.00	500	1.00
1677	7.0	70	100	100	N	N	200	N	500	5.00	300	.50
1678	5.0	50	50	150	100	N	50	N	200	10.00	50	.70
1679	15.0	200	100	70	N	100	300	N	500	10.00	200	.50
1680	2.0	50	50	50	N	20	<50	N	500	20.00	100	.50
1681	5.0	50	50	150	N	70	50	N	500	10.00	100	1.00

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1153C	3,000	<50	70	700	>2.00	N	100	N	150	2,000
1154C	500	N	20	300	2.00	N	100	N	50	200
1155C	1,500	50	20	300	>2.00	N	100	N	100	150
1156C	1,000	50	20	500	>2.00	N	150	N	200	2,000
1157C	500	70	20	500	>2.00	N	200	N	150	1,500
1158C	500	50	20	300	>2.00	N	150	N	100	1,000
1159C	700	50	15	300	>2.00	N	150	N	150	2,000
1239C	200	<50	20	500	>2.00	N	100	N	500	>2,000
1240C	500	50	30	500	>2.00	N	150	N	200	500
1241C	500	<50	30	500	>2.00	N	150	N	200	>2,000
1242C	700	50	50	500	>2.00	N	150	N	300	>2,000
1243C	500	50	30	500	>2.00	N	150	N	200	>2,000
1244	200	50	20	500	>2.00	N	100	N	150	700
1245C	700	50	50	500	>2.00	N	150	<100	300	1,000
1246C	500	70	15	500	>2.00	N	100	N	200	700
1247C	300	50	15	700	>2.00	N	150	N	500	500
1248C	200	50	15	1,000	>2.00	N	150	N	500	200
1249C	500	50	20	1,000	>2.00	N	150	N	700	200
1250C	1,000	50	30	1,000	>2.00	N	100	<100	500	2,000
1251C	700	50	20	1,000	>2.00	N	150	<100	500	500
1252C	--	--	--	--	--	--	--	--	--	--
1253A	300	50	30	5,000	>2.00	N	100	N	700	500
1253C	--	--	--	--	--	--	--	--	--	--
1254A	300	<50	30	3,000	>2.00	N	150	N	500	500
1254C	--	--	--	--	--	--	--	--	--	--
1255A	300	50	20	2,000	>2.00	N	150	N	500	500
1255C	--	--	--	--	--	--	--	--	--	--
1258C	500	50	50	500	>2.00	N	150	N	300	700
1259C	500	50	20	700	>2.00	N	150	150	500	700
1260C	500	<50	15	500	>2.00	N	100	100	200	300
1261C	500	50	20	500	>2.00	N	100	N	300	500
1262C	300	50	30	200	>2.00	N	100	N	200	>2,000
1556	300	50	20	2,000	>2.00	N	150	N	500	150
1557	150	50	10	500	>2.00	N	100	N	100	200
1558	500	50	10	1,000	>2.00	N	100	N	500	200
1559	300	<50	10	500	2.00	N	100	N	500	100
1560	500	<50	20	200	>2.00	N	100	N	500	200
1673	500	50	N	<200	>2.00	N	200	N	200	>2,000
1675	500	50	<10	500	>2.00	N	200	N	500	>2,000
1676	500	50	<10	500	>2.00	N	200	N	500	>2,000
1677	700	50	<10	200	>2.00	N	200	N	500	>2,000
1678	500	50	<10	500	>2.00	N	200	N	200	>2,000
1679	1,000	50	<10	500	>2.00	N	150	N	500	2,000
1680	1,000	50	<10	1,000	>2.00	N	100	N	500	1,000
1681	700	<50	<10	200	>2.00	N	200	N	300	2,000

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
1682	67 23 0	150 58 24	N	500	N	3.0	3,000	500	N	N	N
1683	67 22 47	150 59 12	N	700	N	N	2,000	200	N	N	N
1727	67 25 25	150 32 32	N	2,000	N	10.0	700	1,000	N	N	N
1791	67 18 47	150 32 32	N	N	N	1.0	100	100	N	N	N
1958	67 27 57	150 33 56	N	N	N	<1.0	1,500	200	N	N	N
1959	67 28 5	150 34 17	N	700	N	10.0	1,500	1,000	<500	N	N
1960	67 29 44	150 42 2	N	500	N	2.0	1,000	500	N	N	N
1961	67 29 38	150 42 39	N	N	N	10.0	500	2,000	N	N	<20
1962	67 22 47	150 39 51	N	2,000	N	15.0	500	3,000	N	N	<20
1963	67 21 11	150 43 19	N	N	N	2.0	200	150	N	N	N
1964	67 20 9	150 34 39	N	N	N	5.0	200	100	N	N	N
1965	67 20 19	150 35 16	N	500	N	N	200	100	N	N	N
1997	67 29 7	150 41 35	--	--	--	--	--	--	--	--	--
					Wiseman B3--continued						
52	67 15 29	151 26 37	N	N	N	N	100	50	N	N	N
93	67 25 54	151 9 0	N	N	N	N	200	30	N	N	N
95	67 25 46	151 8 44	N	N	N	N	150	20	N	N	N
103	67 16 21	151 13 48	N	N	N	N	200	50	N	N	N
106	67 17 33	151 6 26	N	N	N	N	200	50	N	N	N
112	67 20 41	151 13 6	N	N	N	N	200	30	N	N	N
119	67 22 7	151 9 16	N	N	N	N	200	20	N	N	N
130	67 23 46	151 26 33	N	N	N	N	200	20	N	N	N
140	67 26 52	151 20 33	N	N	N	N	500	100	N	N	N
147	67 29 15	151 19 16	N	N	N	N	700	70	N	N	N
158	67 28 24	151 23 50	N	N	N	N	100	30	N	N	N
162	67 25 12	151 29 33	N	N	N	N	200	50	N	N	N
615C	67 27 59	151 9 2	N	500	N	N	700	100	N	N	N
617C	67 27 53	151 9 35	N	N	N	N	500	30	N	N	N
619C	67 17 44	151 1 45	N	N	N	N	700	50	N	N	N
621C	67 17 57	151 1 55	N	N	N	N	100	50	N	N	N
1266C	67 25 50	151 22 15	N	N	N	N	700	100	N	N	N
1267C	67 27 2	151 23 29	N	N	N	N	200	100	N	N	N
1268C	67 24 34	151 21 55	N	N	N	1.5	1,000	150	N	N	N
1269C	67 23 31	151 27 21	N	N	N	1.5	500	200	<500	N	N
1270C	67 21 20	151 29 30	N	700	N	1.0	300	150	500	N	N
1271C	67 20 35	151 29 25	N	N	N	1.0	300	150	<500	N	N
1272C	67 18 28	151 25 0	N	N	N	3.0	100	1,000	500	N	N
1273C	67 19 23	151 22 25	N	<500	N	1.5	100	200	N	N	N
1274C	67 18 1	151 22 21	N	<500	N	3.0	100	300	N	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1682	10.0	500	100	100	N	N	5,000	N	500	10.00	700	1.00
1683	7.0	500	100	50	N	N	3,000	N	500	10.00	200	1.00
1727	10.0	200	70	30	N	N	700	N	500	20.00	50	1.00
1791	3.0	20	70	100	N	N	700	<2	200	20.00	50	.50
1958	15.0	150	100	50	N	N	>10,000	N	1,000	10.00	500	.30
1959	20.0	150	100	50	N	N	3,000	N	200	7.00	300	.50
1960	20.0	150	150	50	N	N	>10,000	N	300	5.00	300	.30
1961	10.0	70	50	100	N	N	10,000	<2	500	15.00	200	1.00
1962	10.0	100	50	70	N	N	2,000	N	200	10.00	100	.70
1963	5.0	10	30	100	N	N	200	N	200	10.00	300	1.00
1964	5.0	10	50	100	N	<20	200	N	500	10.00	100	1.00
1965	5.0	10	50	50	N	<20	100	N	500	7.00	50	.50
1997	--	--	--	--	--	--	--	--	--	--	--	--
						Wiseman B3--continued						
52	5.0	15	20	200	N	N	700	2	70	1.00	70	1.50
93	2.0	10	15	150	N	N	1,000	<2	70	1.50	100	2.00
95	5.0	150	30	70	N	N	700	<2	20	7.00	50	1.00
103	3.0	15	30	200	N	N	1,000	2	100	1.50	70	1.00
106	2.0	15	20	200	N	N	1,000	2	100	2.00	100	1.00
112	3.0	10	20	150	N	N	1,000	2	70	5.00	50	3.00
119	2.0	10	10	50	N	N	500	<2	20	10.00	50	5.00
130	3.0	15	20	100	N	N	700	<2	50	10.00	50	5.00
140	5.0	15	30	200	20	N	700	2	100	.50	100	1.50
147	5.0	15	30	150	N	N	700	2	100	1.50	100	1.50
158	5.0	15	20	100	N	N	500	2	70	1.00	100	1.50
162	3.0	15	20	150	N	N	500	2	70	.50	70	.70
615C	20.0	100	100	20	N	N	300	<2	50	1.00	100	.07
617C	7.0	30	20	100	N	N	1,500	<2	200	5.00	300	1.00
619C	2.0	10	20	150	N	N	500	<2	150	10.00	70	.70
621C	2.0	10	30	150	N	N	500	<2	500	7.00	70	.70
1266C	2.0	30	30	200	N	<20	1,000	N	150	7.00	300	.20
1267C	2.0	30	20	200	N	500	1,000	N	150	10.00	200	.15
1268C	5.0	70	100	150	N	<20	1,000	<2	500	7.00	300	2.00
1269C	2.0	50	20	100	N	20	500	N	200	10.00	200	3.00
1270C	3.0	100	50	100	N	<20	1,000	N	200	10.00	200	1.50
1271C	1.5	70	N	200	N	20	700	N	200	10.00	150	1.00
1272C	2.0	50	50	100	N	100	>10,000	N	300	10.00	200	.10
1273C	2.0	100	20	100	N	20	3,000	N	200	10.00	200	.70
1274C	1.5	15	20	150	N	20	7,000	N	200	10.00	150	.50

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1682	1,500	50	10	500	>2.00	N	200	N	500	>2,000
1683	1,000	50	<10	500	>2.00	N	150	N	500	2,000
1727	3,000	50	<10	700	>2.00	N	100	N	500	1,500
1791	500	70	N	1,000	>2.00	N	150	N	500	500
1958	500	<50	N	1,500	>2.00	N	150	N	700	1,500
1959	1,500	<50	N	700	>2.00	N	100	N	500	>2,000
1960	500	<50	N	700	>2.00	N	150	N	300	2,000
1961	3,000	<50	N	2,000	>2.00	N	150	N	500	>2,000
1962	2,000	50	10	200	>2.00	N	150	N	300	>2,000
1963	1,000	50	<10	500	>2.00	N	200	N	500	>2,000
1964	700	50	<10	500	>2.00	N	200	N	500	2,000
1965	700	50	<10	200	>2.00	N	150	N	300	1,500
1997	--	--	--	--	--	--	--	--	--	--
				Wiseman B3--continued						
52	700	<50	30	200	>1.00	N	200	N	50	500
93	700	<50	20	200	1.00	N	150	N	50	100
95	700	<50	30	200	>1.00	N	150	N	100	300
103	500	<50	30	200	1.00	N	200	N	70	200
106	300	<50	30	300	1.00	N	200	N	70	200
112	700	<50	30	200	1.00	N	150	N	50	200
119	500	<50	10	200	.50	N	30	N	30	100
130	700	<50	15	200	1.00	N	70	N	30	150
140	700	<50	30	200	>1.00	N	200	N	50	300
147	500	<50	20	200	1.00	N	150	N	30	300
158	500	<50	20	200	1.00	N	100	N	50	150
162	500	<50	20	200	1.00	N	150	N	30	150
615C	200	<50	<10	200	.20	N	50	N	100	200
617C	300	<50	20	200	>1.00	N	100	N	150	700
619C	300	<50	20	700	>1.00	N	200	N	150	300
621C	300	<50	30	700	>1.00	N	300	N	150	200
1266C	200	50	50	500	>2.00	N	100	N	200	>2,000
1267C	300	50	30	500	>2.00	N	100	N	300	>2,000
1268C	700	50	50	500	>2.00	N	100	N	150	1,000
1269C	300	50	20	500	>2.00	N	150	N	150	200
1270C	500	50	30	500	>2.00	N	150	N	200	500
1271C	500	50	30	500	>2.00	N	150	N	300	500
1272C	300	50	15	700	>2.00	N	100	N	500	500
1273C	700	<50	50	500	>2.00	N	150	N	300	500
1274C	200	50	15	700	>2.00	N	150	<100	300	700

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
1275C	67 17 29	151 15 22	N	1,000	N	1.5	20	300	<500	N	100
1276	67 18 33	151 14 8	N	N	N	N	100	70	N	N	N
1276C	67 18 33	151 14 8	N	N	N	<1.0	<10	100	N	N	N
1277C	67 19 25	151 14 14	N	N	N	1.0	300	150	<500	N	N
1278C	67 17 57	151 12 59	N	N	N	<1.0	100	150	<500	N	N
1279C	67 16 59	151 9 33	N	N	N	1.0	70	200	500	<50	N
1280C	67 19 1	151 12 47	N	N	N	1.0	20	150	<500	N	N
1281C	67 20 25	151 12 19	N	1,500	N	1.0	100	100	N	N	N
1282C	67 21 41	151 12 33	N	N	N	3.0	100	500	N	N	30
1283C	67 21 33	151 5 27	N	N	N	1.0	300	100	N	N	N
1284C	67 23 4	151 11 6	N	N	N	<1.0	20	70	N	N	N
1285C	67 24 20	151 9 2	N	N	N	2.0	1,500	100	<500	N	N
1286C	67 26 21	151 8 17	N	N	100	70.0	200	500	N	N	N
1287C	67 26 39	151 8 38	N	N	N	1.0	15	150	N	N	N
1288C	67 27 34	151 8 4	N	N	N	2.0	200	150	N	N	N
1289C	67 28 26	151 8 51	N	N	N	10.0	700	500	N	N	N
1572	67 15 7	151 22 27	N	N	N	N	50	500	N	N	N
1573	67 15 18	151 25 49	N	N	N	N	50	150	N	N	N
1625	67 15 47	151 27 20	N	500	N	1.0	50	500	N	N	N
1626	67 20 57	151 27 1	N	N	N	1.0	300	70	N	N	N
1674	67 27 49	151 0 18	N	N	N	30.0	1,000	3,000	N	N	50
1684	67 21 46	151 1 51	N	N	N	2.0	1,500	1,000	1,000	N	N
1685	67 21 27	151 7 47	N	N	N	N	500	150	1,000	N	N
1686	67 21 39	151 7 0	N	2,000	N	2.0	1,500	500	N	N	N
1687	67 22 2	151 6 55	N	N	N	N	1,000	150	N	N	N
1688	67 24 41	151 10 14	N	N	N	2.0	500	200	N	N	N
1689	67 24 29	151 11 39	N	N	N	N	1,500	100	N	N	N
1690	67 25 28	151 10 46	N	1,000	N	20.0	1,500	3,000	<500	N	300
1691	67 25 26	151 9 26	N	N	N	1.0	1,000	300	N	N	<20
1692	67 29 4	151 9 3	N	500	N	2.0	700	500	1,000	N	N
1693	67 17 46	151 16 19	N	N	N	N	150	70	N	N	N
1694	67 16 1	151 14 26	N	N	N	N	150	100	N	N	N
1695	67 17 28	151 11 1	<200	N	N	20.0	150	2,000	N	N	N
1696	67 17 28	151 9 36	N	N	N	N	300	150	N	N	N
1697	67 17 6	151 7 34	N	N	N	N	200	200	N	N	N
1698	67 17 4	151 5 16	N	N	N	N	200	100	N	N	N
1699	67 17 27	151 6 41	N	N	N	N	200	100	N	N	N
1700	67 18 16	151 1 39	N	N	N	N	200	70	N	N	N
1701	67 17 19	151 1 1	N	N	N	N	200	100	N	N	N
1702	67 17 39	151 5 16	N	N	N	N	200	70	N	N	N
1703	67 17 53	151 5 59	N	N	N	5.0	200	1,500	N	N	N
1704	67 19 2	151 14 24	N	<500	N	2.0	150	700	N	N	N
1705	67 18 48	151 14 8	N	N	N	1.0	200	100	N	N	N
1706	67 21 40	151 14 32	N	1,000	N	N	500	200	N	N	N
1707	67 21 59	151 14 6	N	N	N	N	500	500	N	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1275C	5.0	100	70	100	N	<20	1,000	N	200	10.00	150	.20
1276	2.0	10	20	100	N	N	70	N	150	20.00	50	.50
1276C	1.0	15	N	200	N	20	700	N	150	10.00	150	.20
1277C	2.0	20	30	150	N	<20	2,000	N	200	10.00	100	.70
1278C	2.0	30	50	200	N	20	700	N	300	10.00	200	.70
1279C	3.0	50	100	200	N	20	700	<2	500	10.00	200	.50
1280C	2.0	15	30	300	N	<20	700	<2	500	10.00	200	.50
1281C	2.0	50	50	200	N	20	1,500	<2	200	10.00	150	.50
1282C	5.0	150	100	100	N	N	>10,000	N	150	7.00	200	1.00
1283C	3.0	50	70	150	10	20	3,000	N	200	10.00	150	3.00
1284C	2.0	30	20	200	N	<20	3,000	N	500	5.00	150	.70
1285C	3.0	50	70	100	N	<20	>10,000	N	150	5.00	200	1.00
1286C	5.0	50	70	150	N	N	7,000	<2	200	7.00	500	.30
1287C	1.5	20	20	300	N	20	2,000	N	150	.50	150	.30
1288C	2.0	20	20	150	N	20	2,000	N	150	7.00	300	.20
1289C	7.0	50	30	200	N	N	10,000	<2	300	7.00	200	2.00
1572	1.0	<10	50	200	N	N	200	N	150	50.00	100	.50
1573	1.0	<10	50	200	N	<20	500	N	200	30.00	150	.50
1625	1.5	20	20	200	N	50	500	N	200	30.00	100	.50
1626	7.0	700	70	150	N	30	>10,000	N	50	20.00	70	2.00
1674	15.0	200	100	100	N	N	2,000	<2	100	7.00	500	.50
1684	7.0	100	100	100	N	50	2,000	N	500	15.00	200	5.00
1685	10.0	200	100	70	N	N	100	<2	700	15.00	200	1.00
1686	10.0	700	150	70	N	70	2,000	N	200	10.00	50	1.00
1687	7.0	200	50	100	N	N	70	N	200	10.00	50	2.00
1688	7.0	50	100	150	N	N	1,500	<2	700	10.00	1,000	1.50
1689	10.0	200	100	200	N	N	10,000	N	500	10.00	200	1.50
1690	20.0	200	150	20	N	N	200	N	200	5.00	200	.20
1691	5.0	20	100	150	N	<20	2,000	N	500	15.00	500	1.00
1692	30.0	200	100	30	N	N	7,000	N	100	3.00	100	.15
1693	2.0	<10	20	100	N	N	200	N	200	10.00	100	.50
1694	2.0	<10	50	100	N	N	200	<2	500	20.00	100	.50
1695	3.0	10	50	100	N	N	100	N	500	10.00	100	.70
1696	7.0	50	150	200	N	N	100	<2	500	15.00	200	1.00
1697	5.0	50	100	150	N	N	500	<2	500	15.00	200	1.00
1698	5.0	100	150	150	N	<20	150	N	200	20.00	100	.70
1699	1.5	15	50	150	N	N	200	<2	500	20.00	50	.70
1700	1.0	10	30	150	N	N	100	<2	500	20.00	100	.70
1701	1.5	20	50	150	N	30	500	<2	500	20.00	50	.70
1702	1.5	10	30	100	N	N	200	<2	500	15.00	100	1.00
1703	1.5	70	100	200	N	N	300	N	150	30.00	100	.70
1704	1.5	70	100	200	N	N	200	N	150	30.00	50	.70
1705	5.0	70	50	150	N	N	200	N	200	20.00	150	1.00
1706	10.0	100	100	150	N	N	200	N	500	15.00	200	1.00
1707	10.0	200	150	100	N	N	>10,000	<2	500	10.00	150	1.50

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1275C	500	50	20	500	>2.00	N	150	<100	300	500
1276	500	<50	N	700	>2.00	N	200	N	200	>2,000
1276C	200	50	30	500	>2.00	N	150	N	200	1,000
1277C	500	50	20	700	>2.00	N	150	200	300	200
1278C	500	50	30	700	>2.00	N	150	<100	300	300
1279C	500	50	20	1,000	>2.00	N	200	N	500	200
1280C	300	<50	30	1,500	>2.00	N	200	N	300	200
1281C	500	50	20	1,000	>2.00	N	200	N	500	300
1282C	300	<50	20	1,000	>2.00	N	150	300	200	500
1283C	1,000	50	50	500	>2.00	N	200	N	300	700
1284C	500	50	30	500	>2.00	N	100	N	150	1,000
1285C	700	50	20	700	>2.00	N	150	N	200	300
1286C	500	<50	15	500	>2.00	N	150	N	500	>2,000
1287C	200	70	20	300	>2.00	N	150	N	150	1,000
1288C	300	50	15	500	>2.00	N	150	N	200	1,000
1289C	300	<50	20	500	>2.00	N	100	N	200	700
1572	500	<50	20	5,000	2.00	N	100	N	1,000	1,000
1573	200	<50	20	5,000	>2.00	N	100	N	500	500
1625	200	50	20	5,000	>2.00	N	100	N	300	700
1626	300	50	20	300	>2.00	N	100	N	200	700
1674	500	50	N	200	>2.00	N	200	N	500	>2,000
1684	1,000	50	<10	500	>2.00	N	500	N	700	1,500
1685	2,000	<50	N	500	>2.00	N	150	N	700	1,000
1686	1,000	50	N	500	>2.00	N	200	N	500	1,500
1687	1,000	<50	20	200	>2.00	N	200	N	200	2,000
1688	1,000	<50	N	500	>2.00	N	200	N	300	2,000
1689	1,000	<50	N	300	>2.00	N	200	N	300	1,500
1690	200	<50	N	200	1.50	N	70	N	200	1,500
1691	700	<50	N	500	>2.00	N	200	N	500	1,500
1692	100	<50	N	200	1.50	N	70	N	200	700
1693	300	<50	N	700	>2.00	N	200	300	200	1,000
1694	300	<50	<10	1,500	>2.00	N	150	N	700	300
1695	500	<50	<10	1,500	>2.00	N	200	N	200	300
1696	500	50	10	3,000	>2.00	N	300	N	200	700
1697	700	50	<10	1,500	>2.00	N	200	N	500	700
1698	700	50	<10	1,000	>2.00	N	200	N	500	700
1699	500	50	N	1,000	>2.00	N	200	N	500	500
1700	300	50	N	1,000	>2.00	N	200	N	500	200
1701	500	50	N	1,000	>2.00	N	200	N	500	1,000
1702	300	50	N	1,000	>2.00	N	300	N	500	700
1703	500	50	N	1,500	>2.00	N	200	N	500	700
1704	500	50	N	1,500	>2.00	N	200	N	500	500
1705	700	50	<10	1,000	>2.00	N	300	500	300	2,000
1706	700	50	N	500	>2.00	N	200	<100	300	>2,000
1707	300	50	N	1,500	>2.00	N	200	200	200	700

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
1708	67 20 38	151 14 42	N	N	N	1.0	700	300	N	N	N
1709	67 19 46	151 19 28	N	N	N	1.0	300	1,000	N	N	N
1710	67 20 15	151 20 5	200	<500	N	N	1,000	1,000	N	N	N
1711	67 21 25	151 19 46	<200	N	N	N	1,000	20	N	N	N
1712	67 21 23	151 20 28	N	N	N	N	1,000	<20	N	N	N
1713	67 20 10	151 24 15	N	N	N	N	150	30	N	N	N
1714	67 26 53	151 19 58	200	N	N	2.0	500	300	N	N	N
1714	67 26 53	151 19 58	N	N	N	1.0	150	200	N	N	N
1714A	67 26 53	151 19 58	N	N	N	N	150	200	2,000	N	N
1715	67 29 1	151 16 48	N	N	N	5.0	500	2,000	1,000	N	N
1716	67 29 17	151 16 59	N	500	N	2.0	300	1,500	500	N	N
1756	67 24 23	151 19 33	N	N	N	5.0	200	1,500	N	N	N
1756A	67 24 23	151 19 33	N	N	>1,000	200.0	100	5,000	N	N	70
1757	67 24 13	151 19 28	N	N	N	N	200	100	N	N	N
1942	67 17 15	151 15 31	N	N	N	N	100	50	N	N	N
					Wiseman B4--continued						
39	67 19 9	151 41 1	N	N	N	N	300	50	N	N	N
40	67 16 44	151 38 33	N	N	N	N	20	50	N	N	N
59	67 22 14	151 37 12	N	N	N	N	30	50	N	N	N
70	67 21 10	151 50 25	N	N	N	N	50	50	N	N	N
167	67 25 57	151 36 45	N	N	N	N	300	70	N	N	N
170	67 28 27	151 34 15	N	N	N	N	150	30	N	N	N
196	67 23 23	151 51 25	N	N	N	N	100	20	N	N	N
213	67 27 7	151 51 16	N	N	N	N	70	20	N	N	N
526	67 19 21	151 57 24	N	N	N	15.0	3,000	700	700	N	<20
535	67 16 46	151 51 32	N	N	N	N	50	50	N	N	N
563C	67 22 34	151 37 18	N	N	N	N	300	100	N	N	N
564C	67 18 51	151 32 58	N	N	N	N	150	70	N	N	N
613C	67 28 27	151 34 15	N	N	N	N	700	50	N	N	N
623C	67 21 4	151 34 38	N	1,000	N	N	500	500	N	N	N
625C	67 20 50	151 34 49	N	N	N	N	500	100	N	N	N
804C	67 28 54	151 47 54	N	<500	N	5.0	1,500	1,000	N	N	N
805C	67 27 52	151 49 8	N	N	N	<1.0	1,000	100	500	N	N
806C	67 27 9	151 50 23	N	N	N	<1.0	1,000	100	<500	N	N
807C	67 27 9	151 51 43	200	N	N	1.5	2,000	1,000	N	N	N
808C	67 25 39	151 54 54	N	N	N	N	300	70	N	N	N
809C	67 25 12	151 55 10	N	N	N	1.0	150	100	<500	N	N
810C	67 25 37	151 44 8	N	N	N	1.5	300	200	500	N	N
811C	67 25 19	151 44 3	N	500	N	10.0	1,000	1,500	500	N	30
812C	67 23 11	151 56 23	N	N	N	5.0	2,000	1,000	500	N	N
813C	67 23 21	151 51 9	N	500	N	2.0	3,000	200	<500	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1708	10.0	200	150	150	N	N	700	N	500	10.00	200	1.50
1709	10.0	70	150	100	N	N	7,000	<2	700	10.00	300	.70
1710	10.0	500	70	70	N	<20	700	N	300	20.00	100	.70
1711	10.0	500	70	50	N	<20	700	N	150	20.00	50	1.00
1712	7.0	300	30	20	N	N	<50	N	100	15.00	50	1.00
1713	5.0	10	20	20	N	N	50	N	200	20.00	100	1.00
1714	50.0	300	700	20	N	N	200	<2	50	.30	500	.20
1714	7.0	30	50	50	N	N	500	<2	100	3.00	100	.30
1714A	7.0	50	70	200	N	N	1,000	3	150	7.00	150	.50
1715	30.0	150	200	20	N	N	2,000	<2	100	.30	700	.20
1716	30.0	150	200	30	N	N	2,000	<2	100	.30	700	.20
1756	10.0	200	100	70	N	N	5,000	<2	150	10.00	100	1.50
1756A	5.0	100	70	50	N	N	1,500	10	300	5.00	100	.50
1757	1.5	20	30	30	N	N	500	N	200	7.00	100	.20
1942	3.0	50	20	<20	N	N	200	N	150	15.00	100	.20
					Wiseman B4--continued							
39	2.0	20	20	100	N	N	300	<2	50	10.00	50	.30
40	2.0	10	20	150	N	N	1,000	3	150	2.00	100	1.50
59	3.0	15	20	200	N	N	700	2	200	5.00	100	1.00
70	3.0	15	15	100	N	N	700	<2	70	2.00	50	1.50
167	5.0	20	30	100	N	N	1,000	2	50	2.00	50	2.00
170	3.0	15	20	100	N	N	300	2	50	1.00	50	2.00
196	3.0	15	20	100	N	N	700	2	50	1.50	50	1.50
213	5.0	20	30	100	N	N	500	2	50	3.00	100	2.00
526	3.0	20	15	150	N	N	500	<2	70	7.00	70	3.00
535	2.0	15	20	150	N	N	500	2	150	3.00	70	1.00
563C	5.0	50	30	150	N	N	500	<2	100	2.00	200	.50
564C	2.0	10	50	300	N	N	700	<2	1,000	7.00	50	.70
613C	3.0	15	20	100	N	N	300	<2	100	3.00	200	.50
623C	5.0	50	20	100	N	N	500	<2	200	5.00	100	1.50
625C	2.0	70	20	70	N	N	500	<2	200	5.00	70	1.00
804C	7.0	100	100	150	N	N	5,000	<2	150	7.00	200	.30
805C	7.0	50	30	200	N	20	1,000	N	300	7.00	300	.70
806C	7.0	50	70	300	N	20	2,000	<2	300	5.00	2,000	1.00
807C	10.0	70	100	300	N	<20	7,000	N	300	7.00	500	.70
808C	3.0	30	30	200	N	N	700	N	150	5.00	300	.20
809C	3.0	50	20	200	N	<20	3,000	N	150	5.00	500	.30
810C	5.0	100	50	100	N	N	1,000	<2	200	7.00	500	.70
811C	15.0	200	150	70	N	N	700	<2	100	5.00	200	.20
812C	10.0	70	100	200	N	<20	1,000	<2	150	3.00	500	1.00
813C	15.0	70	100	200	N	N	700	<2	150	5.00	300	.50

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1708	500	50	N	200	>2.00	N	200	<100	200	2,000
1709	700	50	<10	1,000	>2.00	N	200	200	500	2,000
1710	700	50	N	500	>2.00	N	200	N	500	2,000
1711	500	50	10	<200	>2.00	N	300	N	500	1,500
1712	500	<50	<10	<200	>2.00	N	200	N	300	700
1713	3,000	<50	20	700	>2.00	N	200	N	500	2,000
1714	200	<50	N	200	1.00	N	70	N	300	2,000
1714	200	N	N	200	2.00	N	150	N	150	2,000
1714A	300	100	10	500	>2.00	N	200	N	500	>2,000
1715	200	<50	N	200	1.00	N	70	N	200	1,000
1716	200	<50	N	200	1.00	N	70	N	300	>2,000
1756	500	100	10	500	>2.00	N	150	N	300	>2,000
1756A	300	50	10	300	>2.00	N	100	N	1,000	>2,000
1757	200	<50	N	200	>2.00	N	50	N	200	>2,000
1942	200	50	N	1,000	>2.00	N	150	100	300	1,500
				Wiseman B4--continued						
39	1,000	<50	30	500	>1.00	N	100	N	200	500
40	500	<50	20	300	1.00	N	200	N	50	150
59	500	<50	20	300	>1.00	N	200	N	70	200
70	500	<50	20	200	>1.00	N	100	N	50	200
167	500	<50	20	200	.70	N	100	N	50	150
170	500	<50	20	200	.50	N	100	N	50	150
196	500	<50	20	200	1.00	N	200	N	50	200
213	1,000	<50	20	200	.70	N	150	N	50	150
526	700	<50	20	<200	>1.00	N	100	N	70	200
535	700	<50	20	300	>1.00	N	150	N	70	200
563C	500	<50	30	200	>1.00	N	150	N	200	>1,000
564C	300	<50	30	700	>1.00	N	150	N	200	300
613C	300	<50	30	300	>1.00	N	150	N	150	700
623C	500	50	50	200	>1.00	N	150	100	200	>1,000
625C	300	<50	30	300	>1.00	N	150	N	100	>1,000
804C	500	50	30	700	>2.00	N	100	N	200	1,000
805C	300	70	30	200	>2.00	N	100	N	300	300
806C	500	<50	20	500	>2.00	N	100	N	200	500
807C	300	50	20	500	>2.00	N	100	N	200	1,000
808C	300	50	30	500	>2.00	N	100	N	150	>2,000
809C	500	<50	50	500	>2.00	N	100	N	150	500
810C	500	<50	15	500	>2.00	N	100	N	200	150
811C	300	<50	15	300	>2.00	N	100	<100	200	200
812C	500	50	30	300	>2.00	N	150	N	200	300
813C	500	50	20	500	>2.00	N	100	N	150	700

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
814C	67 23 40	151 54 36	N	N	N	7.0	500	1,000	500	N	N
815C	67 22 0	151 57 29	N	N	N	2.0	2,000	500	500	N	N
816C	67 21 48	151 57 49	N	N	N	1.5	700	200	N	N	N
817C	67 24 23	151 48 56	N	N	N	<1.0	150	500	500	N	N
818C	67 21 23	151 49 43	N	N	N	1.5	1,000	300	N	N	N
819C	67 20 56	151 50 9	N	N	N	<1.0	300	100	500	N	N
1007C	67 15 18	151 36 31	N	N	N	N	10	30	N	N	N
1008C	67 15 24	151 36 4	N	N	N	N	10	50	N	N	N
1009C	67 15 18	151 35 59	N	N	N	N	10	70	N	N	N
1010C	67 15 28	151 36 36	N	N	N	N	100	50	N	N	N
1011C	67 15 13	151 37 19	N	N	N	N	15	50	<500	N	N
1012C	67 17 25	151 39 4	N	N	N	1.0	15	100	N	N	N
1013C	67 17 8	151 38 54	N	N	N	1.0	15	70	N	N	N
1015C	67 16 58	151 38 33	N	N	N	1.0	15	50	N	N	N
1016C	67 16 44	151 38 33	N	N	N	N	100	30	N	N	N
1017C	67 16 52	151 38 1	N	N	N	7.0	15	500	N	N	<20
1103D	67 21 55	151 55 19	N	N	N	N	30	500	3,000	N	N
1263C	67 27 54	151 36 18	N	N	N	1.0	200	100	N	N	N
1264C	67 26 3	151 32 29	N	N	N	N	200	100	<500	N	N
1265C	67 24 41	151 31 58	N	500	N	3.0	500	150	<500	N	N
1623	67 15 56	151 30 41	N	N	N	N	50	100	N	N	N
1624	67 15 46	151 30 46	N	N	N	7.0	100	1,000	N	N	N
1865	67 21 46	151 34 40	N	N	N	<1.0	500	100	N	N	N
1866	67 21 42	151 35 17	N	5,000	N	2.0	300	1,500	N	N	N
1867	67 19 50	151 37 0	N	700	N	N	200	1,000	N	N	N
1868	67 19 50	151 36 28	N	N	N	<1.0	3,000	2,000	N	N	N
1869	67 19 4	151 51 30	N	15,000	N	N	500	200	N	N	N
1870	67 19 17	151 50 58	N	500	N	N	500	100	N	N	N
1871	67 19 30	151 54 16	N	10,000	N	10.0	3,000	5,000	2,000	N	N
1872	67 19 44	151 54 27	N	700	N	10.0	300	3,000	N	N	N
1873	67 19 25	151 37 58	N	N	N	1.0	500	1,000	<500	N	N
1874	67 19 27	151 40 26	N	N	N	<1.0	300	5,000	N	N	N
1875	67 20 1	151 46 45	N	N	N	N	300	100	N	N	N
1876	67 20 35	151 46 4	N	N	N	1.0	500	1,000	<500	N	N
1877	67 22 24	151 43 50	N	N	N	2.0	500	3,000	N	N	N
1878	67 22 38	151 44 6	N	500	N	10.0	500	5,000	N	N	N
1879	67 26 41	151 54 40	N	N	N	1.0	50	700	<500	N	N
1880	67 26 24	151 55 49	N	N	N	50.0	>50,000	200	<500	N	N
1881	67 26 41	151 43 6	N	500	N	N	2,000	70	N	N	N
1882	67 26 39	151 43 38	N	N	N	15.0	500	2,000	N	N	50
1883	67 25 7	151 47 29	N	N	N	<1.0	500	200	N	N	N
1884	67 25 11	151 48 7	N	N	N	N	700	150	N	N	N
1885	67 28 11	151 53 30	N	N	N	N	300	70	1,000	N	N
1886	67 27 57	151 54 22	N	N	N	N	500	1,000	N	N	N
1887	67 27 26	151 58 54	N	500	N	<1.0	300	1,500	N	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
814C	3.0	50	50	200	N	N	1,000	<2	200	5.00	300	.70
815C	7.0	100	70	150	N	N	1,500	N	500	5.00	500	.70
816C	5.0	70	50	200	N	<20	2,000	<2	500	5.00	200	1.00
817C	3.0	30	50	300	<10	<20	700	<2	500	1.00	150	.70
818C	5.0	150	50	150	N	N	700	N	500	5.00	200	.50
819C	7.0	150	50	150	N	N	700	N	500	7.00	200	1.00
1007C	1.0	10	10	100	N	N	700	<2	300	15.00	200	.20
1008C	1.0	15	50	100	N	N	1,000	<2	500	10.00	200	.20
1009C	1.5	15	30	200	N	N	700	N	500	15.00	150	.20
1010C	.7	15	30	100	N	N	700	<2	300	20.00	200	.20
1011C	.7	20	50	100	N	<20	1,000	<2	500	15.00	200	.30
1012C	.7	15	50	100	N	<20	1,000	2	300	10.00	100	.50
1013C	1.0	20	70	100	N	N	1,000	<2	700	15.00	200	.50
1015C	1.0	20	50	150	N	N	700	<2	700	10.00	150	.50
1016C	.5	20	20	70	N	N	500	N	300	15.00	70	.20
1017C	.7	10	20	70	N	20	500	N	200	15.00	100	.20
1103D	2.0	50	50	70	70	N	10,000	N	100	10.00	50	.30
1263C	2.0	50	30	100	N	<20	700	N	100	10.00	100	1.00
1264C	2.0	50	20	200	N	30	5,000	N	200	7.00	200	.20
1265C	50.0	100	500	50	N	N	700	N	50	1.50	200	.10
1623	1.0	N	30	500	N	N	300	N	700	20.00	100	.50
1624	3.0	50	50	200	N	N	500	N	300	20.00	100	.20
1865	5.0	50	50	200	N	50	2,000	N	1,000	10.00	200	1.50
1866	10.0	200	50	150	N	50	500	N	700	10.00	150	1.00
1867	5.0	150	50	20	N	N	2,000	N	200	15.00	<50	.30
1868	10.0	700	50	100	N	20	2,000	N	300	15.00	<50	1.50
1869	10.0	500	300	70	N	N	50	N	700	20.00	<50	.50
1870	7.0	200	50	50	N	N	3,000	N	200	30.00	50	.20
1871	7.0	300	100	20	N	N	3,000	N	200	30.00	50	.50
1872	5.0	200	50	50	N	N	2,000	N	500	15.00	150	.50
1873	5.0	100	50	150	N	N	200	<2	700	30.00	150	2.00
1874	5.0	70	50	100	N	N	700	<2	1,000	20.00	150	.50
1875	7.0	70	50	100	N	50	50	N	500	30.00	100	1.00
1876	5.0	70	50	200	N	20	700	N	1,000	10.00	100	3.00
1877	10.0	200	100	70	N	N	500	N	500	5.00	100	.20
1878	20.0	200	70	70	N	N	2,000	N	700	7.00	100	.20
1879	2.0	20	20	N	N	N	>10,000	N	150	2.00	100	.10
1880	50.0	10	20	<20	N	300	10,000	N	150	30.00	N	<.05
1881	7.0	150	50	70	N	50	1,000	N	1,000	15.00	150	.50
1882	3.0	50	20	70	N	50	300	N	1,000	20.00	150	.50
1883	7.0	70	70	150	N	N	500	<2	700	15.00	200	1.00
1884	5.0	20	70	200	N	N	500	N	500	1.00	100	.50
1885	5.0	200	70	150	N	50	200	N	1,000	10.00	200	1.00
1886	7.0	100	300	300	N	50	3,000	N	1,000	10.00	500	1.00
1887	10.0	200	100	100	N	20	10,000	N	1,000	10.00	500	1.00

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
814C	300	50	30	500	>2.00	N	100	<100	200	200
815C	1,000	<50	30	200	>2.00	N	100	N	200	>2,000
816C	500	50	30	300	>2.00	N	150	N	200	700
817C	700	70	50	200	>2.00	N	100	N	500	2,000
818C	500	50	30	200	>2.00	N	100	N	200	1,000
819C	2,000	50	30	200	>2.00	N	100	N	500	500
1007C	150	50	15	700	>2.00	N	100	N	200	1,000
1008C	200	50	15	700	>2.00	N	150	N	200	500
1009C	150	50	15	700	>2.00	N	100	N	200	700
1010C	150	50	20	700	>2.00	N	100	N	300	300
1011C	200	50	15	700	>2.00	N	100	N	200	300
1012C	150	50	15	1,000	>2.00	N	100	N	200	300
1013C	200	50	20	1,000	>2.00	N	150	N	300	300
1015C	200	50	15	700	>2.00	N	100	N	200	200
1016C	200	50	10	1,000	>2.00	N	100	N	200	300
1017C	150	70	10	1,000	>2.00	N	100	N	200	200
1103D	500	100	10	300	>2.00	N	150	N	500	>2,000
1263C	300	50	15	700	>2.00	N	100	N	500	500
1264C	300	50	20	700	>2.00	N	150	N	500	700
1265C	150	<50	10	200	2.00	N	100	N	100	1,000
1623	200	50	30	2,000	>2.00	N	150	N	500	1,000
1624	200	50	30	2,000	>2.00	N	100	N	500	500
1865	300	100	10	200	>2.00	N	150	<100	500	2,000
1866	300	100	10	200	>2.00	N	150	100	200	>2,000
1867	300	50	N	500	>2.00	N	100	200	300	1,000
1868	500	50	10	200	>2.00	N	200	<100	300	1,500
1869	700	50	N	1,000	>2.00	N	150	N	500	2,000
1870	700	50	N	1,000	>2.00	N	200	N	500	2,000
1871	1,000	50	N	1,000	>2.00	N	100	<100	500	1,500
1872	1,500	50	N	200	>2.00	N	200	N	500	1,500
1873	300	70	N	500	>2.00	N	200	N	500	1,000
1874	500	<50	N	1,000	>2.00	N	200	N	500	1,000
1875	700	100	N	200	>2.00	N	200	N	500	1,000
1876	500	50	10	200	>2.00	N	200	N	500	1,000
1877	500	50	N	200	>2.00	N	150	<100	300	2,000
1878	300	50	N	200	>2.00	N	150	<100	200	1,500
1879	100	<50	N	5,000	1.00	N	50	N	100	2,000
1880	50	<50	N	300	.20	N	20	N	N	50
1881	300	100	10	1,000	>2.00	N	150	N	700	700
1882	300	100	N	<200	>2.00	N	150	N	700	700
1883	500	50	<10	500	>2.00	N	150	<100	500	1,500
1884	500	50	15	200	>2.00	N	200	<100	150	1,000
1885	300	70	N	700	>2.00	N	200	<100	500	>2,000
1886	500	100	<10	500	>2.00	N	200	<100	700	2,000
1887	300	100	N	700	>2.00	N	200	700	500	>2,000

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
1888	67 27 44	151 59 26	200	N	N	N	200	100	700	N	N
1889	67 28 59	151 58 5	N	N	N	N	200	500	500	N	N
1892	67 25 6	151 56 1	N	<500	N	N	500	200	N	N	N
1893	67 27 33	151 53 12	<200	N	N	1.0	5000	1,500	N	N	N
					Wiseman B5--continued						
222	67 25 54	152 1 56	N	N	N	N	30	<20	N	N	N
264	67 25 6	152 6 43	N	N	N	N	150	30	N	N	N
277	67 21 29	152 7 54	N	N	N	N	50	20	N	N	N
287	67 23 25	152 20 17	N	N	N	N	700	100	<500	N	N
291	67 26 3	152 28 43	N	N	N	N	20	50	N	N	N
295	67 24 36	152 23 20	N	N	N	N	20	50	1,000	N	N
306	67 22 48	152 28 53	N	N	N	N	20	100	N	N	N
321	67 17 56	152 22 47	N	N	N	N	2000	100	<500	N	N
399C	67 15 39	152 21 18	N	N	N	N	50	100	<500	N	N
455C	67 19 16	152 13 58	N	N	N	N	70	20	<500	N	N
460C	67 17 30	152 15 4	N	N	N	N	50	50	<500	N	N
491	67 19 2	152 2 53	N	N	N	N	500	70	N	N	N
627C	67 19 5	152 6 10	N	N	N	N	300	100	N	N	N
629C	67 17 30	152 15 4	N	N	N	N	50	30	N	N	N
631C	67 17 30	152 15 4	N	N	N	N	300	20	N	N	N
633C	67 17 49	152 28 0	N	N	N	N	150	700	N	N	N
635C	67 17 39	152 28 15	N	N	N	N	500	150	N	N	N
639C	67 29 10	152 29 22	N	N	N	N	1500	30	N	N	N
641C	67 29 2	152 29 6	N	N	N	3.0	500	200	N	N	N
874C	67 26 17	152 1 40	N	N	N	1.5	300	100	N	N	N
875C	67 25 42	152 1 19	<200	<500	N	1.0	1,000	150	500	N	N
876C	67 27 38	152 6 20	N	N	N	1.5	200	200	<500	N	N
877C	67 29 37	152 5 44	N	N	N	<1.0	200	200	<500	N	N
878C	67 23 4	152 5 11	N	N	N	<1.0	500	150	<500	N	N
879C	67 24 56	152 7 15	N	500	N	3.0	500	1,500	<500	N	N
880C	67 27 8	152 15 24	N	<500	N	2.0	300	700	500	N	N
881C	67 26 50	152 15 13	N	2,000	N	1.5	300	500	<500	N	N
882C	67 25 55	152 9 57	N	<500	N	1.5	500	700	700	N	N
883C	67 20 54	152 18 21	N	500	N	1.5	300	150	500	N	N
884C	67 20 38	152 17 48	N	N	N	2.0	100	200	500	N	N
885C	67 21 31	152 18 38	200	<500	N	2.0	500	1,000	<500	N	50
886C	67 21 44	152 22 22	N	N	N	2.0	5000	200	500	N	N
887C	67 18 0	152 24 17	N	N	N	1.5	2000	300	500	N	N
888C	67 18 25	152 23 19	N	N	N	1.5	20	200	500	N	N
889C	67 18 34	152 22 0	N	N	N	1.5	20	100	500	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1888	5.0	70	70	100	N	20	>10,000	<2	1,000	10.00	1,000	.50
1889	7.0	100	100	100	N	<20	>10,000	<2	1,000	7.00	500	.50
1892	10.0	100	200	50	N	N	700	N	100	10.00	700	.20
1893	10.0	100	150	100	N	<20	10,000	N	700	10.00	500	.50
						Wiseman B5--continued						
222	2.0	10	10	70	N	N	1,000	<2	70	10.00	100	5.00
264	2.0	20	15	70	N	N	1,500	<2	50	15.00	70	5.00
277	2.0	15	10	70	N	N	500	<2	50	15.00	50	5.00
287	5.0	15	20	150	N	N	700	2	100	7.00	100	3.00
291	3.0	10	15	100	N	N	1,000	2	70	10.00	100	3.00
295	3.0	15	15	100	N	N	1,000	2	70	7.00	100	3.00
306	2.0	10	10	100	N	N	1,500	2	70	7.00	100	3.00
321	3.0	15	10	100	N	200	700	2	70	7.00	150	2.00
399C	15.0	20	50	200	N	N	100	N	20	2.00	100	.50
455C	>20.0	50	70	300	N	N	100	N	70	1.00	50	.50
460C	20.0	30	70	200	N	N	200	<2	100	.50	50	.70
491	3.0	20	15	100	N	N	300	<2	100	7.00	70	2.00
627C	3.0	50	30	70	N	N	500	N	150	10.00	100	1.00
629C	1.0	10	<10	50	N	N	200	N	150	5.00	100	.30
631C	2.0	70	20	70	N	N	300	N	150	7.00	70	.70
633C	2.0	20	10	70	N	300	1,000	2	150	10.00	100	.70
635C	2.0	20	10	70	N	N	300	<2	70	10.00	100	.70
639C	5.0	70	70	100	N	N	300	<2	70	5.00	>1,000	.30
641C	>20.0	200	150	150	N	N	300	2	70	2.00	200	.30
874C	7.0	70	70	150	N	N	1,500	<2	300	7.00	700	1.50
875C	5.0	70	50	200	N	30	10,000	<2	300	7.00	500	1.00
876C	5.0	50	15	100	N	20	>10,000	<2	200	7.00	300	.70
877C	5.0	N	N	100	N	30	2,000	N	500	5.00	200	2.00
878C	5.0	50	30	150	N	N	3,000	<2	300	2.00	300	1.00
879C	10.0	200	70	150	N	20	7,000	<2	500	5.00	300	.70
880C	5.0	70	70	150	N	N	>10,000	<2	300	5.00	500	1.00
881C	10.0	70	50	150	N	N	5,000	<2	300	5.00	500	.70
882C	7.0	50	50	100	N	20	>10,000	<2	300	5.00	500	.70
883C	7.0	200	100	100	N	<20	7,000	<2	200	5.00	500	.50
884C	5.0	<10	N	150	N	N	700	<2	300	1.00	150	.70
885C	7.0	50	20	150	N	30	5,000	<2	300	5.00	300	1.00
886C	5.0	70	20	150	N	50	10,000	<2	200	5.00	300	.50
887C	5.0	70	20	200	N	70	2,000	<2	200	5.00	200	1.00
888C	3.0	20	N	150	N	20	2,000	<2	300	5.00	200	.70
889C	3.0	15	N	150	N	30	2,000	N	200	7.00	150	.50

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1888	200	100	<10	1,000	>2.00	N	200	N	500	2,000
1889	200	100	<10	1,000	>2.00	N	150	100	700	1,500
1892	300	50	<10	700	>2.00	N	200	N	500	>2,000
1893	300	70	<10	1,000	>2.00	N	200	<100	1,000	2,000
					Wiseman B5--continued					
222	700	<50	10	200	1.00	N	70	N	70	200
264	700	<50	10	200	.70	N	50	N	30	200
277	500	<50	10	200	.50	N	50	N	30	300
287	500	<50	20	200	>1.00	N	100	N	70	500
291	500	<50	20	200	1.00	N	100	N	70	500
295	500	<50	15	200	.70	N	70	N	50	200
306	500	<50	20	300	>1.00	N	70	N	50	300
321	700	<50	30	200	>1.00	N	70	100	100	1,000
399C	2,000	<50	20	200	>1.00	N	200	N	50	200
455C	>5,000	<50	70	<200	>1.00	N	300	N	100	200
460C	3,000	<50	20	<200	.50	N	200	N	30	100
491	700	<50	20	200	>1.00	N	100	N	100	500
627C	1,000	70	30	300	>1.00	N	100	N	200	700
629C	300	50	30	200	>1.00	N	150	N	150	700
631C	300	<50	20	200	>1.00	N	100	N	100	500
633C	300	<50	30	300	>1.00	N	70	100	100	>1,000
635C	500	50	30	300	>1.00	N	100	100	100	1,000
639C	200	<50	20	500	>1.00	N	150	N	150	500
641C	200	<50	10	200	.70	N	100	N	100	200
874C	500	<50	15	200	>2.00	N	100	N	300	1,000
875C	300	50	20	500	>2.00	N	100	<100	500	500
876C	200	70	15	500	>2.00	N	100	N	500	700
877C	300	70	20	<200	>2.00	N	100	N	300	1,000
878C	500	70	30	200	>2.00	N	100	N	150	500
879C	300	50	20	300	>2.00	N	100	N	200	1,000
880C	300	50	20	1,000	>2.00	N	100	N	200	500
881C	300	70	20	500	>2.00	N	100	N	200	1,000
882C	300	50	15	700	>2.00	N	100	100	300	700
883C	300	50	15	500	>2.00	N	100	<100	300	500
884C	500	70	20	N	>2.00	N	70	N	150	700
885C	500	50	20	500	>2.00	N	100	100	700	700
886C	300	50	20	500	>2.00	N	70	<100	500	500
887C	500	50	30	300	>2.00	N	100	N	300	500
888C	500	50	20	200	>2.00	N	70	N	300	300
889C	300	70	15	<200	>2.00	N	100	N	500	200

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
890C	67 23 36	152 26 57	N	N	N	1.5	30)	500	700	N	N
893C	67 26 25	152 24 12	200	N	N	5.0	20)	2,000	1,000	N	N
894C	67 25 22	152 29 14	<200	1,000	N	20.0	50)	3,000	1,000	N	N
895C	67 15 42	152 25 32	N	N	N	1.5	50)	200	700	N	N
896C	67 15 28	152 25 32	N	<500	N	<1.0	1,000)	150	N	N	N
897C	67 18 54	152 29 11	<200	1,500	N	10.0	10)	3,000	500	N	N
1132C	67 22 7	152 1 5	N	N	N	N	5)	700	N	N	N
1603	67 15 23	152 4 46	N	N	N	N	20)	100	N	N	N
1604	67 15 16	152 5 38	N	N	N	N	20)	100	N	N	N
1890	67 28 13	152 9 27	<200	500	N	<1.0	1,500)	500	1,500	N	N
1891	67 27 52	152 8 59	<200	500	N	2.0	20)	2,000	2,000	N	N
1904	67 16 15	152 15 46	N	5,000	N	N	30)	100	N	N	50
1905	67 17 17	152 15 44	N	N	N	N	50)	100	N	N	N
1906	67 17 13	152 14 24	N	500	N	N	70)	50	N	N	N
1907	67 18 5	152 14 12	N	N	N	<1.0	50)	200	N	N	200
1908	67 18 10	152 12 20	N	N	N	N	20)	50	N	N	N
1909	67 16 40	152 1 39	N	N	N	<1.0	15)	30	N	N	N
1910	67 18 54	152 5 2	N	N	N	N	30)	200	N	N	N
1911	67 18 40	152 4 35	N	N	N	1.0	30)	50	N	N	N
1912	67 25 18	152 28 46	N	N	N	N	20)	70	N	N	N
1913	67 25 58	152 22 51	N	N	N	N	20)	150	N	N	N
1914	67 27 32	152 23 34	N	<500	N	10.0	1,000)	2,000	2,000	N	N
1915	67 26 45	152 16 13	N	500	N	3.0	30)	2,000	700	N	N
1916	67 26 31	152 16 12	N	1,000	N	2.0	30)	1,000	N	N	N
1917	67 29 4	152 16 48	N	N	N	15.0	30)	3,000	1,000	N	N
1918	67 28 54	152 17 15	<200	<500	N	10.0	30)	2,000	1,500	N	N
1936	67 24 33	152 9 36	N	1,000	N	5.0	30)	2,000	N	N	N
1937	67 24 23	152 9 14	N	700	N	1.5	50)	1,000	2,000	N	N
1938	67 22 11	152 10 32	N	N	N	<1.0	20)	100	<500	N	N
					Wiseman B6--continued						
325	67 28 51	152 38 22	N	N	N	N	2)	30	N	N	N
354	67 17 27	152 32 56	N	N	N	<1.0	20)	700	<500	N	N
369	67 15 54	152 41 6	N	N	N	N	3)	30	<500	N	N
371	67 16 39	152 45 17	N	N	N	N	2)	30	N	N	N
373	67 18 39	152 43 31	N	N	N	N	2)	30	N	N	N
380	67 20 32	152 44 29	N	N	N	N	3)	50	N	N	N
382	67 22 43	152 48 35	N	N	N	N	2)	70	<500	N	N
384	67 23 2	152 43 59	N	7,000	N	<1.0	50)	300	<500	N	N
386	67 23 12	152 44 5	N	N	N	N	30)	70	N	N	N
597C	67 18 28	152 50 3	N	N	N	N	50)	20	N	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
890C	5.0	70	50	200	N	20	3,000	<2	200	5.00	200	.30
893C	3.0	70	50	100	N	20	10,000	<2	200	5.00	300	.20
894C	10.0	70	70	100	N	N	10,000	<2	200	2.00	300	.30
895C	5.0	70	30	200	N	N	700	<2	300	5.00	300	.70
896C	5.0	100	100	150	N	20	700	<2	200	7.00	150	.50
897C	7.0	70	50	100	N	2,000	5,000	<2	200	3.00	200	.20
1132C	1.0	20	<10	70	N	<20	5,000	N	150	7.00	<50	1.00
1603	1.0	N	50	300	N	70	100	N	100	20.00	100	.20
1604	1.0	100	30	200	N	70	100	N	100	20.00	70	.20
1890	7.0	100	100	70	N	50	>10,000	N	700	7.00	500	.50
1891	20.0	100	100	30	N	N	>10,000	N	500	5.00	100	.30
1904	10.0	500	150	<20	N	N	<50	N	200	20.00	50	.20
1905	5.0	50	50	100	N	<20	200	N	200	10.00	200	.50
1906	5.0	200	100	100	N	N	1,000	N	500	20.00	50	1.00
1907	5.0	50	50	70	N	N	300	N	500	20.00	150	.70
1908	5.0	50	70	150	N	N	300	N	500	15.00	200	.50
1909	3.0	10	N	70	N	50	N	N	300	20.00	50	.30
1910	2.0	50	20	20	N	<20	<50	N	300	15.00	150	.50
1911	2.0	500	150	50	N	20	1,500	N	200	20.00	150	.50
1912	5.0	50	50	100	N	N	2,000	<2	500	10.00	1,000	.50
1913	7.0	50	50	70	N	N	1,000	N	700	7.00	200	.50
1914	10.0	100	100	70	N	N	10,000	<2	700	7.00	500	.20
1915	10.0	70	70	200	N	20	10,000	<2	1,000	15.00	500	1.50
1916	10.0	50	70	100	N	<20	500	<2	1,000	7.00	500	1.00
1917	10.0	100	70	150	N	<20	>10,000	<2	1,000	10.00	1,000	1.00
1918	5.0	50	50	150	N	<20	>10,000	<2	1,000	7.00	500	1.00
1936	7.0	200	100	200	N	<20	5,000	<2	1,000	7.00	500	.70
1937	10.0	200	100	50	N	N	1,000	N	700	5.00	300	.70
1938	5.0	50	50	200	N	50	700	N	1,000	15.00	500	1.00
						Wiseman B6--continued						
325	3.0	15	30	200	N	N	500	2	70	1.50	300	.70
354	5.0	150	20	50	N	N	1,000	<2	30	10.00	100	1.00
369	2.0	20	20	50	N	N	500	<2	30	7.00	100	2.00
371	3.0	20	15	100	N	N	1,500	<2	50	7.00	150	3.00
373	2.0	10	10	100	N	70	500	2	50	3.00	150	2.00
380	5.0	15	30	150	N	N	1,500	2	50	2.00	50	2.00
382	2.0	10	10	100	N	70	1,500	2	50	10.00	50	3.00
384	3.0	20	20	100	N	N	3,000	2	50	1.00	100	1.00
386	3.0	10	15	100	N	N	1,500	2	50	7.00	100	3.00
597C	3.0	50	30	100	N	N	300	<2	200	5.00	200	1.50

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
890C	300	50	20	300	>2.00	N	100	<100	200	300
893C	200	<50	20	500	>2.00	N	100	N	500	1,500
894C	200	50	15	500	>2.00	N	100	200	300	700
895C	500	50	50	300	>2.00	N	100	N	200	1,000
896C	700	70	50	500	>2.00	N	100	N	300	1,000
897C	300	50	20	300	>2.00	N	70	150	200	700
1132C	700	70	10	500	>2.00	N	70	N	200	2,000
1603	300	100	30	5,000	>2.00	N	100	N	500	700
1604	300	100	20	2,000	>2.00	N	100	N	500	500
1890	150	100	<10	1,000	>2.00	N	100	N	300	1,500
1891	100	50	<10	500	>2.00	N	50	N	500	500
1904	700	<50	<10	500	>2.00	N	100	200	500	1,000
1905	500	150	N	200	>2.00	N	150	N	500	2,000
1906	700	<50	<10	500	>2.00	N	150	100	700	1,000
1907	700	<50	N	700	>2.00	N	150	N	500	>2,000
1908	500	50	N	300	>2.00	N	150	N	300	1,000
1909	500	150	<10	N	>2.00	N	150	N	1,000	700
1910	1,000	50	N	500	>2.00	N	100	N	500	1,500
1911	1,000	50	N	500	>2.00	N	150	N	700	1,500
1912	200	100	N	1,000	>2.00	N	150	N	700	1,500
1913	200	100	N	300	>2.00	N	150	N	500	>2,000
1914	200	70	N	500	>2.00	N	100	N	500	1,500
1915	200	100	N	500	>2.00	N	100	N	500	2,000
1916	200	100	N	200	>2.00	N	100	N	500	1,000
1917	200	100	N	1,000	>2.00	N	150	N	500	>2,000
1918	200	70	N	1,000	>2.00	N	200	N	500	2,000
1936	200	50	N	500	>2.00	N	200	<100	300	2,000
1937	300	50	N	200	>2.00	N	200	<100	300	1,500
1938	200	100	N	200	>2.00	N	200	<100	500	>2,000
				Wiseman B6--continued						
325	500	<50	20	200	1.00	N	150	N	50	200
354	300	<50	15	200	>1.00	N	50	1,500	50	200
369	700	<50	20	200	>1.00	N	50	150	70	150
371	700	<50	20	200	>1.00	N	70	N	70	150
373	500	50	20	200	>1.00	N	70	100	70	200
380	700	50	20	200	>1.00	N	100	N	70	300
382	700	<50	15	200	>1.00	N	70	N	70	200
384	500	<50	30	200	>1.00	N	100	500	100	>1,000
386	500	<50	20	300	>1.00	N	50	N	70	200
597C	300	<50	30	200	>1.00	N	100	N	300	300

Table 6. Spectrographic Analyses for Heavy-Mineral Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
598C	67 19 21	152 56 23	N	N	N	3.0	50	700	500	N	N
599C	67 19 29	152 55 57	N	N	N	2.0	50	700	2,000	N	N
600C	67 19 9	152 59 45	N	N	N	N	70	500	<500	N	N
601C	67 20 25	152 54 25	N	N	N	2.0	20	500	500	N	N
602C	67 19 47	152 47 28	N	N	N	N	30	300	N	N	N
637C	67 23 19	152 50 50	N	1,000	N	15.0	70	3,000	2,000	N	30
891C	67 22 31	152 31 42	500	1,000	N	7.0	30	2,000	N	N	20
892C	67 22 23	152 31 15	N	N	N	7.0	100	2,000	<500	N	N
1208C	67 27 12	152 31 15	N	700	N	20.0	20	5,000	N	N	50
1209C	67 27 19	152 34 33	N	N	N	2.0	15	1,000	500	N	N
1210C	67 28 48	152 39 26	N	N	N	1.5	10	200	N	N	N
1211C	67 29 27	152 39 49	N	N	N	2.0	10	300	N	N	N
1216C	67 29 42	152 48 50	N	N	N	1.0	30	300	N	N	N
1220C	67 26 10	152 55 31	N	500	N	10.0	100	2,000	N	N	20
1221C	67 26 28	152 55 48	N	<500	N	7.0	50	1,000	N	N	20
1222C	67 26 17	152 57 24	N	2,000	N	2.0	70	500	500	N	N
1223C	67 25 21	152 57 37	N	N	N	2.0	100	2,000	<500	N	N
1224C	67 26 44	152 51 48	N	N	N	<1.0	50	300	500	N	N
1225C	67 23 9	152 50 44	N	500	N	3.0	100	1,000	500	N	N
1226C	67 24 34	152 42 59	N	3,000	N	7.0	500	2,000	1,000	N	N
1227C	67 24 28	152 43 25	N	5,000	N	2.0	1,000	2,000	500	N	N
1228C	67 22 41	152 45 2	N	7,000	N	10.0	500	5,000	700	N	20
1229C	67 19 9	152 44 31	N	N	N	3.0	500	1,000	500	N	N
1230C	67 16 57	152 48 13	N	N	N	2.0	1,500	200	500	N	N
1231C	67 19 45	152 56 51	N	N	N	3.0	300	1,500	700	N	N
1232C	67 20 6	152 57 3	N	N	N	2.0	1,500	150	700	N	N
1233C	67 15 40	152 40 28	N	<500	N	2.0	500	1,000	N	N	N
1234C	67 15 48	152 38 48	N	N	N	1.5	100	150	1,000	N	N
1235C	67 17 27	152 32 56	N	N	N	2.0	200	700	N	N	N
1236C	67 16 50	152 31 40	N	N	N	<1.0	30	150	<500	N	N
1237C	67 19 34	152 31 36	500	N	N	15.0	70	3,000	1,000	N	N
1578	67 15 2	152 56 51	N	N	N	N	50	70	N	N	N
1792	67 29 49	152 54 47	N	N	N	3.0	100	1,000	N	N	N
1793	67 26 42	152 49 36	N	1,000	N	N	100	100	N	N	N
1794	67 27 8	152 53 55	N	3,000	N	N	30	20	N	N	N
1795	67 22 26	152 56 37	N	N	N	2.0	200	2,000	5,000	50	N
1796	67 22 4	152 53 23	N	N	N	N	200	200	N	N	N
1797	67 23 59	152 50 11	N	10,000	N	10.0	200	5,000	7,000	<50	50
1798	67 23 33	152 47 7	N	700	N	N	150	100	N	N	N
1799	67 24 51	152 43 40	500	2,000	N	N	200	700	N	N	N
1800	67 23 47	152 44 23	N	N	N	N	150	100	N	N	N
1801	67 22 39	152 42 31	N	>20,000	N	20.0	150	5,000	N	N	70
1802	67 22 39	152 35 57	N	N	N	N	70	100	N	N	N
1803	67 22 17	152 35 45	N	N	N	15.0	100	700	N	N	<20
1804	67 28 51	152 38 22	N	N	N	<1.0	200	700	N	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
598C	7.0	50	50	150	N	N	700	<2	150	5.00	150	1.50
599C	5.0	70	50	200	N	N	1,500	<2	300	5.00	150	1.50
600C	5.0	50	50	150	N	N	1,000	<2	200	5.00	200	1.50
601C	3.0	70	30	150	N	20	5,000	<2	200	10.00	200	2.00
602C	3.0	20	30	150	N	N	700	<2	300	5.00	300	5.00
637C	7.0	70	70	50	N	100	>5,000	<2	70	7.00	100	.70
891C	7.0	100	50	100	N	50	>10,000	<2	150	5.00	300	.15
892C	10.0	70	20	100	N	300	2,000	N	200	7.00	200	.20
1208C	7.0	500	200	150	N	N	5,000	<2	100	10.00	100	.10
1209C	.7	15	N	200	N	<20	>10,000	2	200	10.00	100	.70
1210C	.5	10	30	200	N	N	1,500	<2	100	10.00	300	.10
1211C	1.0	20	20	300	N	<20	3,000	<2	150	7.00	100	.15
1216C	1.0	30	70	300	N	<20	700	N	150	7.00	>2,000	.15
1220C	7.0	150	70	200	N	30	5,000	<2	150	2.00	300	.50
1221C	2.0	70	30	300	N	<20	1,000	N	150	3.00	200	.20
1222C	15.0	100	150	100	N	N	1,000	N	50	1.00	200	.07
1223C	5.0	50	20	150	N	N	700	<2	70	1.50	200	.15
1224C	3.0	50	30	300	N	30	1,000	<2	200	1.50	300	.30
1225C	3.0	50	50	300	N	30	10,000	<2	150	5.00	200	2.00
1226C	10.0	500	200	100	N	N	>10,000	<2	150	3.00	150	.20
1227C	10.0	700	50	500	N	30	5,000	N	200	5.00	200	.50
1228C	5.0	500	70	500	N	100	>10,000	N	200	7.00	200	.70
1229C	5.0	200	30	500	N	50	10,000	N	200	10.00	200	1.00
1230C	2.0	30	N	500	N	20	5,000	N	100	7.00	200	.50
1231C	1.5	30	<10	500	N	50	1,000	N	200	10.00	150	1.00
1232C	2.0	30	N	150	100	30	5,000	N	200	7.00	200	.50
1233C	3.0	200	50	100	N	20	700	N	70	10.00	150	.15
1234C	2.0	100	50	150	N	<20	3,000	<2	200	10.00	200	2.00
1235C	3.0	100	20	70	10	N	3,000	N	70	10.00	100	.20
1236C	3.0	100	30	100	N	100	700	N	100	10.00	100	.20
1237C	5.0	70	20	150	N	500	7,000	N	150	7.00	150	.30
1578	1.0	20	20	500	N	<20	1,000	N	100	20.00	70	.20
1792	7.0	100	100	100	N	N	700	<2	200	7.00	2,000	.20
1793	7.0	100	100	100	N	N	700	<2	200	5.00	500	.15
1794	2.0	10	50	200	N	N	500	<2	200	2.00	100	.10
1795	5.0	50	50	70	N	20	>10,000	N	500	7.00	100	.70
1796	3.0	50	50	100	N	<20	>10,000	N	500	10.00	100	2.00
1797	7.0	50	50	100	N	500	>10,000	<2	200	5.00	200	.50
1798	1.0	<10	20	20	N	500	1,500	<2	50	7.00	500	.20
1799	5.0	100	50	200	N	70	1,500	N	500	7.00	300	.50
1800	2.0	20	30	30	N	500	>10,000	<2	200	15.00	200	.30
1801	7.0	70	100	20	N	N	>10,000	N	100	5.00	100	.10
1802	1.0	10	<10	20	N	N	>10,000	<2	100	7.00	50	.10
1803	2.0	20	20	150	N	<20	1,500	N	500	20.00	150	1.00
1804	5.0	70	30	150	N	N	3,000	<2	500	7.00	300	.50

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
598C	300	<50	30	300	>1.00	N	150	N	300	300
599C	500	<50	50	300	>1.00	N	200	N	200	700
600C	300	<50	30	200	>1.00	N	150	N	200	500
601C	1,000	<50	50	200	>1.00	N	150	N	300	300
602C	300	<50	20	200	>1.00	N	150	N	200	500
637C	300	<50	20	700	>1.00	N	70	100	100	700
891C	300	50	15	500	>2.00	N	100	200	300	1,000
892C	300	<50	15	200	>2.00	N	70	150	500	1,000
1208C	150	<50	15	700	>2.00	N	100	<100	500	>2,000
1209C	150	50	15	700	>2.00	N	150	N	200	500
1210C	150	<50	20	700	>2.00	N	150	N	300	2,000
1211C	100	50	15	500	>2.00	N	150	100	200	1,500
1216C	200	N	10	500	2.00	200	150	N	200	2,000
1220C	200	70	20	300	>2.00	N	100	200	150	2,000
1221C	200	50	15	500	>2.00	N	150	N	150	2,000
1222C	150	<50	10	300	>2.00	N	70	200	150	2,000
1223C	200	50	20	200	>2.00	N	70	150	200	>2,000
1224C	200	50	30	300	>2.00	N	100	<100	150	2,000
1225C	300	50	20	500	>2.00	N	100	<100	150	1,500
1226C	150	<50	15	700	>2.00	N	70	200	100	500
1227C	200	<50	30	700	>2.00	N	100	<100	500	1,000
1228C	200	<50	30	1,000	>2.00	N	100	300	500	2,000
1229C	200	50	20	700	>2.00	N	100	100	1,000	100
1230C	200	<50	50	500	>2.00	N	100	N	300	150
1231C	200	<50	50	500	>2.00	N	100	N	700	100
1232C	150	70	20	500	>2.00	N	100	N	500	150
1233C	200	50	15	500	>2.00	N	100	<100	500	300
1234C	300	50	20	500	>2.00	N	100	150	500	700
1235C	200	50	10	300	>2.00	N	100	200	150	1,000
1236C	300	50	20	300	>2.00	N	100	<100	200	500
1237C	200	<50	20	500	>2.00	N	100	150	500	1,000
1578	500	<50	20	700	>2.00	N	100	N	150	1,000
1792	500	<50	<10	500	1.00	N	150	N	200	1,000
1793	300	<50	N	500	>2.00	N	200	<100	200	>2,000
1794	150	<50	N	200	2.00	N	200	150	100	700
1795	150	100	N	700	>2.00	N	100	N	500	1,000
1796	300	50	N	500	>2.00	N	100	N	700	500
1797	200	50	N	700	>2.00	N	100	100	200	2,000
1798	300	50	N	700	>2.00	N	50	N	1,000	2,000
1799	200	50	20	500	>2.00	N	70	N	300	1,500
1800	300	50	N	1,000	>2.00	N	50	N	200	1,000
1801	200	50	N	500	>2.00	N	70	2,000	200	1,000
1802	150	50	N	2,000	2.00	N	70	2,000	50	150
1803	300	50	N	500	>2.00	N	100	N	300	2,000
1804	200	50	N	500	>2.00	N	100	700	300	1,500

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
1805	67 28 35	152 34 31	N	<500	N	2.0	50	200	N	N	N
1806	67 28 26	152 36 7	N	N	N	N	150	100	N	N	N
1807	67 26 10	152 32 55	N	N	N	10.0	100	2,000	N	N	<20
1896	67 15 32	152 38 36	N	5,000	N	N	1,000	70	N	N	N
1897	67 16 6	152 56 30	N	<500	N	N	1,000	500	N	N	N
1898	67 15 33	152 37 38	N	N	N	N	500	100	N	N	N
1899	67 15 41	152 33 56	N	1,000	N	N	500	50	N	N	N
1900	67 18 4	152 35 10	200	1,000	N	<1.0	300	1,000	N	N	N
1901	67 17 48	152 35 19	N	N	N	N	500	700	N	N	N
1902	67 16 44	152 32 4	N	1,000	N	<1.0	700	50	N	N	N
					Wiseman C1--continued						
1078C	67 44 2	150 5 35	N	N	N	1.5	300	100	1,500	100	N
1079C	67 43 36	150 3 54	N	<500	N	1.5	500	150	1,000	50	N
1080C	67 43 8	150 1 24	N	N	N	<1.0	<10	50	N	N	N
1081C	67 39 32	150 0 35	N	<500	N	2.0	1,000	300	<500	N	N
1082C	67 38 30	150 2 11	N	N	N	<1.0	100	100	N	N	N
1083C	67 38 51	150 3 20	N	500	N	2.0	1,000	300	700	<50	N
1084C	67 37 36	150 4 56	N	700	N	7.0	500	500	500	N	N
1085C	67 35 51	150 1 12	N	1,000	N	3.0	1,500	500	N	N	N
1086C	67 34 34	150 1 56	N	N	N	2.0	700	150	500	100	N
1107C	67 44 43	150 20 36	N	N	N	2.0	2,000	700	N	N	N
1108C	67 44 42	150 21 35	N	N	N	1.0	20	200	<500	N	N
1109C	67 42 55	150 22 30	N	N	N	7.0	700	2,000	N	N	20
1110C	67 42 53	150 25 56	N	N	N	<1.0	150	100	500	N	N
1111C	67 43 54	150 28 8	N	N	N	1.5	1,000	200	1,500	50	N
1112C	67 41 25	150 25 50	N	N	N	<1.0	1,500	300	1,000	<50	N
1113C	67 39 51	150 23 13	N	N	N	2.0	2,000	100	N	N	N
1114C	67 39 44	150 24 56	N	N	N	<1.0	500	70	700	<50	N
1115C	67 38 27	150 23 34	N	N	N	5.0	1,000	100	1,000	70	N
1116C	67 36 48	150 21 30	N	500	N	2.0	2,000	70	1,000	<50	N
1117C	67 39 41	150 15 46	N	<500	N	<1.0	500	N	700	<50	N
1118C	67 35 57	150 22 43	N	N	N	2.0	500	200	N	N	70
1119C	67 35 41	150 23 48	N	500	N	1.0	1,500	100	500	N	N
1120C	67 34 9	150 22 38	N	500	N	1.0	500	150	N	N	N
1121C	67 34 1	150 24 53	N	N	N	<1.0	1,000	150	1,000	50	N
1124C	67 31 54	150 24 59	N	N	N	N	1,000	70	500	<50	N
1125C	67 31 1	150 20 45	N	N	N	2.0	1,500	300	N	N	N
1126C	67 30 14	150 25 32	N	<500	N	1.0	200	100	N	N	N
1133C	67 33 23	150 3 21	N	N	N	1.0	150	150	N	N	N
1135C	67 36 1	150 6 8	N	<500	N	5.0	200	1,000	N	N	N
1136C	67 32 34	150 0 6	N	N	N	N	700	70	N	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1805	7.0	50	30	100	N	N	700	<2	200	10.00	500	.20
1806	1.5	10	20	200	N	N	700	2	500	7.00	500	1.00
1807	15.0	200	100	70	N	N	2,000	2	100	7.00	500	.10
1896	10.0	500	200	50	N	50	100	N	500	15.00	100	.30
1897	10.0	200	100	100	N	N	1,500	<2	500	5.00	300	.20
1898	7.0	500	200	70	N	30	300	N	200	15.00	200	.50
1899	10.0	500	300	20	N	N	<50	N	200	10.00	100	.30
1900	7.0	200	100	50	N	50	2,000	N	200	10.00	300	.50
1901	5.0	100	70	100	N	20	700	N	500	10.00	200	.70
1902	10.0	500	300	50	N	N	<50	N	100	15.00	100	.30
Wiseman C1--continued												
1078C	7.0	70	300	50	N	N	>10,000	<2	70	7.00	1,000	.20
1079C	20.0	100	500	20	N	N	>10,000	N	20	.50	300	.07
1080C	.5	15	50	300	N	<20	5,000	N	100	5.00	200	.70
1081C	20.0	100	300	70	10	N	>10,000	<2	70	3.00	700	.50
1082C	20.0	100	100	100	N	N	2,000	N	200	3.00	150	.30
1083C	30.0	200	500	30	N	N	>10,000	N	30	1.50	150	.07
1084C	30.0	150	500	20	N	N	>10,000	N	20	1.00	150	.07
1085C	30.0	500	300	70	N	N	3,000	N	70	1.00	200	.20
1086C	20.0	100	150	100	N	N	7,000	N	70	5.00	150	.20
1107C	5.0	50	200	300	N	N	>10,000	<2	200	1.50	700	.50
1108C	2.0	30	20	200	N	N	10,000	<2	200	1.00	200	.30
1109C	3.0	50	200	700	N	N	7,000	<2	200	3.00	700	1.50
1110C	3.0	50	100	200	<10	N	5,000	<2	300	1.00	500	1.00
1111C	15.0	100	200	100	N	N	10,000	<2	200	1.50	700	.70
1112C	5.0	50	100	100	N	N	>10,000	<2	200	1.50	150	.50
1113C	3.0	70	150	200	N	30	>10,000	N	200	1.50	>2,000	.70
1114C	2.0	15	70	50	N	N	>10,000	N	70	1.00	500	.20
1115C	10.0	150	300	200	10	N	>10,000	N	200	3.00	2,000	1.50
1116C	30.0	150	500	100	<10	N	>10,000	N	70	1.00	700	1.00
1117C	30.0	100	300	<20	N	N	>10,000	N	20	.20	500	.07
1118C	20.0	150	100	150	N	N	10,000	<2	70	1.50	150	.20
1119C	30.0	200	300	70	N	N	>10,000	N	50	1.50	200	.50
1120C	30.0	150	100	50	N	N	5,000	N	50	1.00	200	.10
1121C	10.0	100	150	70	N	N	>10,000	<2	100	1.50	200	.30
1124C	5.0	30	50	70	N	N	5,000	<2	200	5.00	200	1.00
1125C	15.0	70	70	100	N	N	5,000	<2	200	3.00	150	1.00
1126C	5.0	70	50	50	N	N	10,000	N	150	3.00	150	.20
1133C	5.0	50	70	150	N	N	1,500	N	200	3.00	70	1.00
1135C	30.0	150	200	20	N	N	10,000	N	100	1.00	70	.10
1136C	5.0	50	20	150	<10	N	1,500	N	150	2.00	150	.50

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1805	200	50	N	700	2.00	N	150	N	500	1,500
1806	200	50	N	500	2.00	N	200	N	200	1,500
1807	150	<50	N	500	1.00	N	100	N	200	700
1896	1,000	70	<10	300	>2.00	N	100	100	200	2,000
1897	200	50	N	200	>2.00	N	150	N	700	2,000
1898	1,500	100	N	500	>2.00	N	150	N	700	500
1899	1,000	100	<10	200	>2.00	N	100	N	500	500
1900	500	100	<10	200	>2.00	N	150	1,000	500	>2,000
1901	500	100	N	200	>2.00	N	200	N	700	2,000
1902	1,500	100	<10	200	>2.00	N	150	N	700	1,000
					Wiseman C1--continued					
1078C	200	<50	10	1,000	1.50	N	100	N	100	700
1079C	70	N	N	700	.20	N	20	N	50	300
1080C	500	<50	50	500	>2.00	N	200	N	100	300
1081C	500	N	<10	700	1.00	<200	100	N	100	300
1082C	300	N	20	500	>2.00	N	100	N	150	1,500
1083C	150	N	N	500	1.00	N	50	N	70	700
1084C	150	N	<10	500	.70	N	50	N	70	150
1085C	1,000	N	15	500	2.00	N	70	N	100	200
1086C	700	<50	20	500	2.00	N	70	N	200	2,000
1107C	500	N	20	700	>2.00	N	150	N	150	2,000
1108C	500	70	20	500	>2.00	N	100	N	100	300
1109C	500	N	30	500	>2.00	N	150	N	100	200
1110C	1,500	<50	20	500	>2.00	N	150	N	150	700
1111C	700	<50	20	500	>2.00	N	100	N	100	1,500
1112C	700	<50	15	700	>2.00	N	100	N	100	1,000
1113C	500	N	<10	500	>2.00	<200	100	N	150	1,000
1114C	200	N	N	700	.50	N	50	N	50	150
1115C	500	N	10	500	.70	<200	150	N	100	500
1116C	300	N	<10	500	.50	N	100	N	50	100
1117C	70	N	N	500	.10	N	20	N	20	150
1118C	300	<50	20	500	1.50	N	70	N	150	1,000
1119C	300	N	10	500	.30	N	50	N	50	70
1120C	100	N	<10	300	1.00	N	70	N	100	700
1121C	500	N	<10	500	1.00	N	70	N	70	500
1124C	1,000	50	20	700	>2.00	N	70	N	200	2,000
1125C	1,000	<50	20	500	2.00	N	100	N	200	300
1126C	1,000	<50	15	500	>2.00	N	70	N	200	>2,000
1133C	1,500	<50	30	500	>2.00	N	200	N	150	1,000
1135C	300	N	<10	500	2.00	N	50	N	100	1,500
1136C	2,000	50	30	500	>2.00	N	150	N	200	>2,000

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
1137C	67 31 57	150 6 45	N	N	N	1.5	500	150	N	N	N
1138C	67 33 57	150 11 38	N	<500	N	3.0	500	200	N	N	N
1139C	67 33 30	150 12 28	N	500	N	5.0	200	500	N	N	N
1140B	67 30 59	150 6 57	N	15,000	50	7.0	2,000	2,000	500	N	N
1140C	67 30 59	150 6 57	N	7,000	200	2,000.0	1,500	300	1,000	N	N
1140C	67 30 59	150 6 57	200	1,000	N	5.0	200	500	500	N	N
1140D	67 30 59	150 6 57	700	>20,000	N	100.0	150	5,000	500	N	200
1140E	67 30 59	150 6 57	N	7,000	N	5.0	500	1,000	N	N	N
1808	67 31 20	150 18 59	N	2,000	200	20.0	30	3,000	N	N	N
1809	67 33 18	150 17 14	N	N	N	N	50	50	N	N	N
1810	67 33 18	150 17 57	N	15,000	N	5.0	50	1,000	N	N	<20
1811	67 31 24	150 23 37	N	500	N	10.0	20	1,500	N	N	N
1812	67 31 12	150 10 41	N	N	N	N	<10	20	N	N	N
1813	67 32 31	150 17 26	N	500	N	10.0	50	2,000	N	N	N
1814	67 30 58	150 5 20	300	2,000	N	N	<10	<20	N	N	N
1815	67 31 50	150 7 16	N	<500	N	N	150	50	N	N	N
1816	67 32 32	150 3 3	N	500	N	2.0	150	700	N	N	N
1817	67 35 12	150 4 7	N	<500	N	7.0	300	2,000	N	N	<20
1818	67 34 58	150 4 40	N	N	N	N	200	70	N	N	N
1819	67 36 58	150 9 15	N	N	N	5.0	200	3,000	<500	N	N
1820	67 38 28	150 7 14	N	N	N	2.0	500	500	1,500	N	N
1821	67 40 15	150 1 58	200	N	N	2.0	500	100	1,000	N	N
1822	67 43 36	150 10 30	N	N	N	2.0	200	200	N	N	N
1823	67 43 24	150 10 3	N	N	N	N	200	20	700	N	N
1824	67 44 25	150 17 25	N	N	N	20.0	500	5,000	5,000	N	50
1825	67 44 39	150 17 30	N	N	N	N	1,500	200	2,000	N	N
1826	67 42 1	150 18 33	N	N	N	3.0	200	2,000	N	N	N
1827	67 38 26	150 16 7	200	700	N	3.0	700	2,000	5,000	50	N
1828	67 38 40	150 16 34	N	N	N	2.0	700	200	2,000	N	N
1829	67 35 57	150 20 2	N	N	N	3.0	100	2,000	<500	N	N
					Wiseman C2--continued						
936C	67 44 59	150 49 32	N	500	N	3.0	500	300	N	N	N
987C	67 43 32	150 57 58	N	N	N	N	2,000	50	N	N	N
990C	67 41 57	150 55 46	N	N	N	5.0	50	1,000	700	N	N
991C	67 42 11	150 55 57	N	1,000	N	N	50	100	N	N	N
992C	67 41 18	150 58 8	N	N	N	N	200	70	500	N	N
995C	67 39 52	150 58 26	N	N	N	<1.0	500	100	N	N	N
997C	67 36 32	150 58 33	N	N	N	3.0	100	500	700	<50	N
998C	67 37 1	150 55 2	N	N	N	<1.0	50	200	N	N	N
999C	67 35 58	150 50 19	N	N	N	N	150	5,000	N	N	N
1000C	67 36 15	150 49 57	200	500	N	5.0	500	700	1,000	70	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1137C	10.0	70	100	100	N	N	3,000	<2	300	3.00	200	.50
1138C	20.0	100	100	70	N	N	10,000	<2	150	2.00	200	.30
1139C	20.0	100	100	70	N	N	10,000	<2	150	3.00	<50	.50
1140B	50.0	1,000	500	N	N	N	1,000	N	50	.20	N	.07
1140C	30.0	150	150	30	N	N	3,000	N	150	1.00	100	.30
1140C	20.0	200	200	20	N	N	100	N	70	<.10	N	.05
1140D	20.0	200	150	N	N	N	N	N	50	<.10	N	<.05
1140E	50.0	500	300	N	N	N	1,500	N	70	.10	N	.10
1808	30.0	150	100	30	N	N	10,000	N	70	7.00	N	.10
1809	10.0	70	50	30	N	N	3,000	<2	150	7.00	50	.20
1810	10.0	70	50	30	N	N	2,000	<2	100	10.00	500	.15
1811	5.0	20	30	20	N	N	2,000	N	70	10.00	70	.15
1812	1.5	70	20	<20	N	N	500	N	50	3.00	50	.10
1813	20.0	200	100	20	N	N	3,000	N	100	2.00	50	.10
1814	2.0	70	50	<20	N	N	200	N	20	1.00	50	.10
1815	7.0	70	50	100	N	N	200	N	100	7.00	50	1.00
1816	7.0	70	100	100	N	N	200	N	100	7.00	50	.30
1817	20.0	150	150	100	N	N	7,000	N	100	10.00	70	.30
1818	7.0	50	100	100	N	N	1,000	<2	150	10.00	70	.70
1819	15.0	100	200	<20	N	N	>10,000	N	100	5.00	50	.10
1820	7.0	100	200	50	N	N	>10,000	<2	70	10.00	50	.20
1821	7.0	100	150	50	<10	N	>10,000	<2	200	7.00	150	.20
1822	5.0	70	150	50	N	N	>10,000	<2	100	7.00	700	.10
1823	5.0	70	150	30	N	N	>10,000	<2	100	5.00	700	.10
1824	10.0	100	200	20	N	N	>10,000	N	100	10.00	100	.10
1825	20.0	100	200	<20	N	N	>10,000	N	100	1.50	50	<.05
1826	2.0	<10	50	100	N	N	>10,000	<2	200	10.00	>2,000	.20
1827	20.0	200	700	50	N	N	>10,000	<2	100	7.00	150	.30
1828	20.0	200	500	20	N	N	>10,000	<2	100	2.00	150	.15
1829	20.0	200	300	20	N	N	7,000	N	100	2.00	100	.05
Wiseman C2--continued												
936C	15.0	70	200	70	<10	150	>10,000	<2	30	1.00	2,000	.07
987C	3.0	30	100	100	N	N	>10,000	N	150	1.50	>2,000	.20
990C	2.0	50	50	100	50	N	10,000	N	50	2.00	1,500	.20
991C	2.0	50	50	50	10	1,500	>10,000	N	30	2.00	1,500	.10
992C	1.0	30	10	70	15	50	10,000	N	50	2.00	1,000	.10
995C	1.5	30	50	100	N	N	10,000	N	70	10.00	>2,000	.20
997C	1.5	30	50	150	N	500	2,000	N	70	5.00	300	.30
998C	1.5	30	20	100	N	N	10,000	N	50	5.00	500	.15
999C	.7	15	20	150	N	N	10,000	N	100	7.00	700	.20
1000C	15.0	100	200	100	N	N	>10,000	N	50	5.00	300	.15

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1137C	700	<50	20	700	>2.00	N	150	N	200	1,000
1138C	700	<50	15	500	2.00	N	100	N	200	1,500
1139C	500	<50	15	500	>2.00	N	100	N	200	500
1140B	300	N	N	N	.30	N	30	N	70	200
1140C	700	N	15	200	>2.00	N	70	N	150	2,000
1140C	150	N	<10	N	.10	N	50	N	20	50
1140D	100	N	N	N	.10	N	20	N	<20	20
1140E	1,000	N	N	N	.20	N	50	N	50	100
1808	200	N	10	700	>2.00	N	70	N	500	>2,000
1809	300	<50	N	700	2.00	N	100	N	500	1,000
1810	300	<50	N	1,000	1.50	N	100	N	1,000	1,500
1811	300	<50	N	1,000	>2.00	N	100	N	700	2,000
1812	300	<50	N	200	2.00	N	50	N	200	>2,000
1813	200	<50	N	200	1.50	N	20	N	300	1,000
1814	200	<50	N	<200	2.00	N	70	N	50	>2,000
1815	500	<50	N	300	>2.00	N	150	N	700	1,000
1816	200	50	N	200	>2.00	N	200	N	200	>2,000
1817	300	<50	N	500	>2.00	N	150	N	200	>2,000
1818	500	<50	<10	300	>2.00	N	200	N	200	2,000
1819	300	<50	N	1,500	.50	N	50	N	200	500
1820	200	<50	N	1,500	.20	N	50	N	100	50
1821	200	<50	N	1,500	.20	N	100	N	100	300
1822	150	<50	N	1,500	.70	N	100	N	70	500
1823	150	<50	N	2,000	.70	N	100	N	100	500
1824	150	<50	N	1,500	1.00	N	70	N	300	1,000
1825	100	<50	N	1,000	.30	N	20	N	50	300
1826	200	<50	20	1,500	2.00	N	150	N	200	2,000
1827	200	<50	N	1,500	.10	N	70	N	50	50
1828	200	<50	N	1,500	.15	N	100	N	30	1,000
1829	150	<50	N	200	>2.00	N	50	N	150	500
				Wiseman C2--continued						
936C	100	100	<10	500	>2.00	N	70	N	300	>2,000
987C	500	50	20	500	>2.00	<200	100	N	200	2,000
990C	500	50	20	500	>2.00	N	100	N	150	2,000
991C	150	70	20	500	>2.00	N	100	N	500	>2,000
992C	200	100	10	500	>2.00	N	100	N	300	>2,000
995C	200	<50	10	2,000	1.50	200	100	N	200	2,000
997C	300	50	50	1,000	>2.00	N	150	N	200	1,500
998C	200	50	20	1,000	>2.00	N	100	N	150	1,000
999C	300	50	20	1,000	>2.00	N	100	N	200	>2,000
1000C	200	70	15	1,000	>2.00	N	100	N	150	2,000

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
1001C	67 38 59	150 50 12	N	N	N	5.0	1,000	700	2,000	50	N
1002C	67 39 35	150 49 12	N	N	N	7.0	700	1,000	1,500	100	N
1003C	67 41 10	150 49 24	N	N	N	N	500	200	<500	N	N
1004C	67 39 50	150 43 58	N	N	N	N	150	100	N	N	N
1005C	67 40 20	150 41 53	N	N	N	2.0	300	300	1,500	50	N
1006	67 37 36	150 42 0	N	N	N	3.0	500	300	N	N	N
1023C	67 38 36	150 38 0	N	N	N	1.5	300	500	1,500	<50	N
1024C	67 39 7	150 38 5	N	N	N	1.0	200	200	1,000	<50	N
1025	67 41 2	150 38 32	N	N	N	N	200	50	1,500	N	N
1026C	67 42 53	150 40 4	N	N	N	<1.0	10	30	N	N	N
1027C	67 41 48	150 41 44	N	N	N	N	20	30	<500	N	N
1028C	67 42 19	150 37 23	N	N	N	1.0	10	150	500	N	N
1029C	67 43 44	150 39 2	N	N	N	N	700	100	500	N	N
1030C	67 43 26	150 39 25	N	N	N	N	20	20	N	N	N
1090C	67 32 19	150 58 45	N	<500	N	1.5	1,000	70	<500	N	N
1091C	67 31 11	150 57 22	N	N	N	2.0	5,000	50	N	N	N
1092C	67 32 44	150 51 9	N	N	20	7.0	700	300	N	N	N
1093C	67 30 19	150 54 48	N	N	N	5.0	1,500	300	N	N	N
1094C	67 33 58	150 46 11	N	500	N	1.5	1,000	500	<500	N	N
1095C	67 30 33	150 45 36	N	N	N	<1.0	1,000	100	N	N	N
1096C	67 30 39	150 46 29	N	N	N	1.0	1,000	100	N	N	N
1097C	67 31 28	150 41 2	N	N	N	5.0	700	300	500	N	N
1098C	67 30 56	150 36 2	N	N	N	<1.0	50	50	N	N	N
1122C	67 35 40	150 33 29	N	500	N	1.0	700	200	1,000	<50	N
1123C	67 35 9	150 33 52	N	<500	N	1.0	700	200	N	N	N
1131C	67 31 44	150 32 46	N	N	N	2.0	700	1,500	N	N	N
1984	67 31 51	150 51 50	N	N	N	5.0	50	1,000	N	N	N
1985	67 31 49	150 52 55	N	500	N	5.0	50	2,000	N	N	N
1986	67 34 27	150 45 45	N	N	N	2.0	200	700	1,000	N	N
1987	67 32 24	150 38 37	N	500	N	2.0	150	1,500	N	N	N
1988	67 32 36	150 39 25	N	5,000	N	1.0	50	200	N	N	N
1989	67 34 27	150 37 26	N	<500	N	7.0	70	5,000	1,000	N	20
1990	67 36 17	150 35 32	N	N	N	150.0	1,000	50,000	5,000	N	50
1991	67 35 59	150 35 43	N	N	N	5.0	150	3,000	2,000	N	N
1992	67 30 36	150 31 56	N	3,000	N	N	50	500	N	N	N
1993	67 30 30	150 32 34	N	N	N	10.0	100	3,000	N	N	20

Wiseman C3--continued

154	67 32 28	151 19 56	N	N	N	N	50	30	N	N	N
184	67 36 27	151 27 25	N	N	N	<1.0	1,000	70	<500	N	N
846C	67 42 5	151 23 19	N	N	N	2.0	500	150	1,000	N	N
847C	67 40 42	151 23 9	N	N	N	5.0	2,000	150	1,000	N	N
848C	67 41 30	151 14 41	N	N	N	2.0	200	70	700	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1001C	15.0	100	200	100	N	N	>10,000	N	50	3.00	700	.15
1002C	3.0	70	100	150	N	N	700	N	50	7.00	2,000	.30
1003C	2.0	50	100	100	N	50	700	N	50	5.00	700	.15
1004C	1.5	30	30	100	N	N	3,000	N	50	5.00	500	.70
1005C	7.0	100	200	70	N	N	10,000	N	30	5.00	200	.50
1006	2.0	30	50	100	N	N	10,000	N	100	7.00	1,000	.20
1023C	10.0	100	200	70	N	N	10,000	N	50	7.00	200	.30
1024C	1.5	70	50	70	N	N	1,000	N	50	10.00	500	.70
1025	1.5	15	20	150	N	N	10,000	N	100	5.00	700	.30
1026C	1.0	20	20	100	N	20	1,000	<2	50	10.00	200	.30
1027C	1.0	15	N	150	N	20	500	N	70	7.00	1,000	.20
1028C	.7	20	N	100	N	<20	1,500	N	70	1.50	100	.20
1029C	2.0	50	100	100	N	100	10,000	N	50	7.00	700	.30
1030C	1.0	30	20	150	N	30	1,500	N	50	7.00	700	.30
1090C	15.0	100	150	100	N	N	1,500	<2	200	3.00	300	1.00
1091C	7.0	70	70	150	N	N	10,000	<2	200	3.00	500	.70
1092C	5.0	70	50	100	N	N	>10,000	<2	300	3.00	200	.50
1093C	10.0	70	70	150	N	N	5,000	<2	200	2.00	500	.70
1094C	15.0	150	300	50	N	N	>10,000	N	100	1.00	500	.50
1095C	10.0	70	100	150	N	N	5,000	<2	300	2.00	300	1.00
1096C	10.0	70	150	150	N	N	>10,000	<2	200	3.00	700	1.00
1097C	15.0	100	150	70	N	N	>10,000	<2	150	2.00	300	.20
1098C	3.0	30	50	100	N	N	>10,000	<2	300	3.00	500	.50
1122C	20.0	100	300	20	10	N	>10,000	N	30	.50	200	.05
1123C	20.0	150	200	30	N	N	>10,000	N	30	.70	<50	.07
1131C	10.0	100	70	30	N	N	>10,000	<2	100	1.50	100	.20
1984	5.0	50	30	20	N	N	>10,000	N	100	20.00	100	.15
1985	15.0	100	50	30	N	N	>10,000	N	100	10.00	100	.10
1986	10.0	100	100	<20	N	N	>10,000	N	100	20.00	150	.10
1987	10.0	150	100	50	N	N	>10,000	N	200	15.00	100	.20
1988	10.0	70	50	<20	N	N	>10,000	N	100	15.00	100	.10
1989	10.0	100	100	<20	N	N	>10,000	N	50	10.00	100	.05
1990	10.0	200	500	<20	N	N	>10,000	N	50	20.00	200	.10
1991	5.0	50	200	N	N	N	>10,000	<2	30	5.00	50	.05
1992	20.0	100	50	N	N	N	10,000	N	50	10.00	50	.05
1993	15.0	100	70	N	N	N	>10,000	N	50	.70	50	<.05

Wiseman C3--continued

154	5.0	15	30	150	N	N	1,500	2	100	.50	>1,000	.70
184	10.0	70	150	70	<10	N	5,000	<2	20	10.00	70	3.00
846C	3.0	10	20	200	N	<20	2,000	N	150	5.00	200	.50
847C	7.0	50	100	200	N	N	>10,000	N	100	5.00	300	.20
848C	2.0	15	20	200	<10	<20	2,000	N	150	5.00	300	.50

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1001C	200	50	10	1,000	>2.00	N	100	N	100	700
1002C	200	<50	20	1,000	>2.00	N	150	N	200	1,500
1003C	150	50	20	700	>2.00	N	100	N	200	2,000
1004C	300	<50	30	700	>2.00	N	150	N	100	700
1005C	200	50	15	1,000	>2.00	N	100	N	150	500
1006	300	<50	10	700	2.00	N	100	N	150	500
1023C	200	70	20	1,000	>2.00	N	100	N	200	1,000
1024C	300	50	20	1,000	>2.00	N	150	N	150	100
1025	300	50	20	500	>2.00	N	150	N	200	2,000
1026C	200	100	20	1,000	>2.00	N	100	<100	200	2,000
1027C	150	100	20	700	>2.00	N	150	<100	200	2,000
1028C	200	70	20	500	>2.00	N	150	N	100	200
1029C	200	50	30	700	>2.00	N	100	N	200	>2,000
1030C	200	70	50	700	>2.00	N	150	N	100	>2,000
1090C	1,500	<50	20	500	2.00	N	100	N	150	700
1091C	1,000	<50	15	700	>2.00	N	150	N	150	700
1092C	700	50	20	500	>2.00	N	100	N	200	1,000
1093C	1,500	<50	15	500	>2.00	N	100	N	150	500
1094C	700	N	<10	1,000	1.00	N	50	N	100	700
1095C	2,000	<50	30	500	>2.00	N	100	N	150	700
1096C	2,000	N	15	700	>2.00	N	100	N	150	500
1097C	500	<50	10	700	1.50	N	70	N	200	2,000
1098C	1,000	<50	15	1,000	>2.00	N	100	N	200	1,000
1122C	150	N	N	1,000	.20	N	30	N	20	100
1123C	200	N	N	500	.50	N	50	N	100	200
1131C	500	<50	<10	1,500	2.00	N	50	N	150	1,500
1984	200	<50	N	1,000	>2.00	N	100	N	500	>2,000
1985	200	<50	N	1,000	>2.00	N	100	N	500	1,000
1986	150	<50	N	1,500	>2.00	N	100	N	500	>2,000
1987	300	<50	N	1,000	>2.00	N	100	N	500	2,000
1988	200	<50	N	1,500	>2.00	N	100	N	500	2,000
1989	200	<50	N	5,000	.70	N	50	N	200	500
1990	150	<50	N	3,000	.30	N	100	N	150	70
1991	100	<50	N	1,000	.70	N	50	N	70	100
1992	200	<50	N	1,000	1.00	N	50	N	500	2,000
1993	50	<50	N	7,000	.30	N	20	N	50	100
Wiseman C3--continued										
154	500	<50	20	200	1.00	<200	200	N	70	200
184	500	<50	15	500	.30	N	150	N	50	100
846C	700	70	50	<200	>2.00	N	150	N	700	150
847C	500	N	30	500	>2.00	N	150	N	500	300
848C	700	70	50	300	>2.00	N	150	N	500	200

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
849C	67 41 37	151 15 2	N	N	N	3.0	1,000	150	1,000	N	N
850C	67 43 6	151 23 18	N	N	N	2.0	30	100	700	N	N
851C	67 43 54	151 26 43	N	N	N	2.0	5,000	100	1,000	70	N
852C	67 43 16	151 19 41	N	N	N	2.0	20	70	1,000	N	N
853C	67 41 22	151 26 1	N	N	N	5.0	1,500	200	500	N	N
854C	67 40 0	151 28 6	N	N	N	<1.0	70	100	N	N	N
855C	67 39 12	151 22 11	N	1,000	N	2.0	1,000	100	500	N	N
856C	67 37 47	151 17 42	N	500	N	5.0	3,000	150	700	N	N
857C	67 39 25	151 12 7	N	N	N	N	150	70	N	N	N
858C	67 39 39	151 12 23	N	N	N	2.0	1,000	100	N	N	N
859C	67 37 52	151 19 35	N	N	N	N	1,500	100	500	<50	N
861C	67 33 18	151 29 14	N	N	N	5.0	5,000	300	N	N	N
862C	67 36 24	151 26 42	N	N	N	1.5	5,000	100	N	N	N
863C	67 36 1	151 9 13	N	N	N	1.5	2,000	100	1,500	100	N
864C	67 36 25	151 12 59	N	N	N	7.0	300	1,000	700	<50	N
865C	67 37 20	151 16 6	N	N	N	1.5	2,000	100	<500	N	N
866	67 33 45	151 12 46	N	N	N	2.0	150	500	N	N	N
867	67 38 49	151 7 11	N	N	N	N	20	30	N	N	N
868	67 39 32	151 5 1	N	N	500	100.0	500	20	N	N	N
869C	67 38 0	151 8 38	N	N	N	N	700	70	N	N	N
870C	67 36 30	151 7 36	N	N	N	5.0	5,000	100	700	N	N
871	67 41 41	151 7 29	N	N	N	1.5	500	30	500	N	N
872C	67 41 29	151 7 34	N	N	N	2.0	1,000	100	700	<50	N
873C	67 41 48	151 2 58	N	N	N	3.0	1,000	150	1,000	<50	N
901C	67 44 38	151 20 24	N	N	N	N	50	30	N	N	N
974C	67 44 57	151 10 23	N	500	N	3.0	500	70	1,000	<50	N
979C	67 44 22	151 13 11	N	N	N	5.0	1,000	50	700	N	N
980C	67 44 10	151 13 0	N	N	N	5.0	1,500	70	700	N	N
981	67 44 27	151 6 20	N	<500	N	5.0	3,000	50	<500	N	N
982C	67 44 25	151 7 8	N	N	N	2.0	1,000	20	700	N	N
983	67 43 38	151 5 5	N	N	N	2.0	300	70	1,000	<50	N
984C	67 43 23	151 5 33	N	N	N	1.5	300	50	500	N	N
985C	67 42 19	151 2 47	N	N	N	1.5	500	30	500	N	N
986C	67 42 47	151 1 3	N	<500	N	5.0	1,000	70	500	N	N
993C	67 40 59	151 2 0	N	N	N	1.0	5,000	20	700	50	N
994C	67 39 49	151 1 51	N	N	N	N	700	20	N	N	N
996C	67 38 46	151 1 42	N	N	N	N	30	150	700	N	N
1087C	67 33 1	151 2 13	N	N	N	1.5	700	150	500	<50	N
1088C	67 35 24	151 6 1	N	N	N	1.0	700	200	N	N	N
1089AC	67 33 36	151 0 52	N	N	N	3.0	2,000	300	N	N	N
1089C	67 33 36	151 0 52	N	N	N	<1.0	700	150	N	N	N
1160C	67 30 9	151 0 31	N	700	N	1.0	20	70	N	N	N
1238C	67 31 8	151 2 0	N	N	N	1.5	100	100	<500	N	N
1717	67 31 7	151 21 7	N	N	N	N	300	70	N	N	N
1718	67 32 14	151 23 44	N	N	N	1.0	200	700	N	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
849C	2.0	30	50	200	N	N	1,000	N	150	3.00	700	.70
850C	3.0	20	30	300	10	<20	>10,000	N	150	5.00	300	.50
851C	5.0	70	100	300	N	20	>10,000	N	100	3.00	200	.15
852C	1.0	N	N	150	N	<20	7,000	N	150	5.00	100	.30
853C	10.0	50	150	200	N	N	>10,000	N	50	3.00	300	.15
854C	1.0	<10	N	500	N	N	2,000	N	70	7.00	200	.50
855C	50.0	70	150	50	N	N	3,000	N	50	1.00	150	.10
856C	20.0	100	150	100	N	N	>10,000	N	70	2.00	200	.15
857C	3.0	20	70	150	N	N	7,000	N	50	5.00	200	.50
858C	5.0	50	50	500	N	50	10,000	N	70	7.00	>2,000	1.00
859C	10.0	70	150	1,000	10	N	10,000	N	50	5.00	1,000	.20
861C	2.0	30	N	500	N	20	1,500	N	150	5.00	1,000	.50
862C	5.0	50	50	200	N	N	>10,000	N	150	5.00	>2,000	.30
863C	5.0	70	50	150	N	N	3,000	N	150	7.00	1,000	.30
864C	3.0	100	100	500	N	<20	2,000	N	100	10.00	2,000	.30
865C	20.0	70	70	300	N	N	2,000	N	70	5.00	500	.20
866	5.0	50	50	100	N	20	3,000	N	150	5.00	150	.30
867	1.0	15	20	70	N	N	>10,000	N	30	.50	500	.07
868	1.0	N	N	70	N	<20	3,000	N	100	5.00	100	.20
869C	2.0	20	N	300	N	20	700	N	100	5.00	>2,000	.50
870C	3.0	70	30	200	N	<20	2,000	N	200	7.00	1,000	.50
871	2.0	20	50	100	N	30	10,000	N	100	1.50	300	.20
872C	5.0	100	100	100	10	N	>10,000	N	100	5.00	1,000	.30
873C	7.0	70	100	100	<10	<20	>10,000	N	100	5.00	700	.30
901C	1.0	15	50	70	15	N	>10,000	<2	20	7.00	200	.15
974C	10.0	50	100	50	N	N	>10,000	N	30	1.50	200	.07
979C	5.0	30	70	70	N	N	>10,000	N	30	1.50	300	.10
980C	10.0	50	100	70	N	N	>10,000	N	20	1.00	500	.10
981	10.0	20	70	50	N	N	10,000	N	50	1.00	2,000	.15
982C	1.5	30	20	100	N	N	10,000	N	30	1.50	1,000	.15
983	7.0	20	100	50	N	N	10,000	N	70	1.50	700	.10
984C	3.0	30	70	20	N	N	>10,000	N	20	.50	300	.05
985C	2.0	30	100	70	10	N	10,000	N	30	2.00	1,000	.20
986C	10.0	70	300	50	<10	N	>10,000	N	20	.50	500	.05
993C	7.0	30	150	<20	10	N	>10,000	N	30	.70	2,000	.10
994C	2.0	50	100	70	N	N	10,000	N	30	2.00	700	.15
996C	1.0	20	50	150	N	<20	1,000	<2	70	7.00	300	.20
1087C	10.0	150	70	70	N	N	5,000	N	70	7.00	200	3.00
1088C	5.0	70	100	300	N	N	10,000	<2	150	3.00	1,000	1.00
1089AC	7.0	70	100	150	N	N	5,000	<2	200	5.00	500	1.00
1089C	5.0	50	100	300	N	N	10,000	<2	200	3.00	500	1.50
1160C	1.0	20	15	70	N	N	700	<2	100	7.00	200	.50
1238C	2.0	100	N	150	N	20	10,000	N	150	10.00	150	2.00
1717	15.0	50	100	200	N	N	300	2	300	.30	>2,000	1.00
1718	10.0	100	100	500	N	N	1,500	2	300	10.00	>2,000	.70

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
849C	700	70	30	200	>2.00	N	150	N	700	150
850C	700	70	50	500	>2.00	N	150	N	1,000	300
851C	300	50	20	700	>2.00	N	200	N	150	2,000
852C	300	50	50	500	>2.00	N	150	N	700	100
853C	300	50	50	500	>2.00	N	150	N	200	>2,000
854C	700	<50	>200	700	>2.00	N	700	N	300	2,000
855C	200	N	10	<200	2.00	N	70	N	100	300
856C	200	<50	20	500	>2.00	N	100	N	150	1,500
857C	700	<50	100	1,000	>2.00	N	200	N	100	>2,000
858C	500	<50	50	1,000	>2.00	N	200	N	200	1,000
859C	500	<50	20	500	>2.00	N	150	N	200	2,000
861C	300	50	30	500	>2.00	N	150	N	200	1,000
862C	500	<50	20	1,000	>2.00	<200	150	N	200	700
863C	300	<50	20	500	>2.00	N	100	N	300	500
864C	500	50	20	700	>2.00	N	150	N	300	>2,000
865C	500	<50	20	500	>2.00	N	100	N	200	>2,000
866	100	100	10	300	>2.00	N	100	N	300	700
867	100	<50	10	1,000	>2.00	N	100	N	100	1,500
868	200	50	50	500	>2.00	N	200	N	200	>2,000
869C	500	<50	30	500	>2.00	N	200	N	200	>2,000
870C	700	<50	20	500	>2.00	N	200	N	200	2,000
871	500	70	30	500	>2.00	N	100	N	200	150
872C	700	50	50	500	>2.00	N	100	N	200	500
873C	700	50	20	700	>2.00	N	100	N	200	500
901C	200	50	15	1,500	>2.00	N	200	N	100	2,000
974C	200	100	15	700	>2.00	N	100	200	150	100
979C	500	100	20	500	>2.00	N	70	N	200	150
980C	300	100	20	700	>2.00	N	70	N	150	100
981	200	50	10	500	>2.00	N	70	N	150	500
982C	300	70	20	300	>2.00	N	100	<100	200	100
983	300	70	15	500	>2.00	N	100	N	1,000	200
984C	500	70	15	700	>2.00	N	70	N	100	100
985C	700	50	20	500	>2.00	N	100	N	150	200
986C	150	50	20	500	>2.00	N	70	N	150	2,000
993C	150	<50	N	1,500	2.00	N	70	N	200	1,000
994C	200	50	50	500	>2.00	N	150	N	150	>2,000
996C	200	50	30	700	>2.00	N	150	N	200	1,500
1087C	500	<50	20	300	>2.00	N	100	N	150	300
1088C	500	<50	20	500	>2.00	N	150	N	150	>2,000
1089AC	1,500	<50	20	500	>2.00	N	150	N	150	>2,000
1089C	1,500	<50	30	500	>2.00	N	150	N	150	2,000
1160C	500	50	20	500	>2.00	N	200	N	150	500
1238C	200	50	30	500	>2.00	N	150	N	300	500
1717	1,500	<50	<10	300	2.00	<200	200	N	500	2,000
1718	700	<50	30	1,000	2.00	200	200	N	500	>2,000

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb ppm s	As ppm s	Au ppm s	Ag ppm s	Cu ppm s	Pb ppm s	Zn ppm s	Cd ppm s	Bi ppm s
1719	67 32 29	151 24 11	N	N	N	N	1,000	100	N	N	N
1740	67 39 36	151 23 6	N	1,000	N	N	200	100	N	N	N
1741	67 41 40	151 25 24	N	1,000	N	2.0	200	200	N	N	N
1742	67 42 27	151 26 19	N	500	N	N	150	50	N	N	N
1919	67 36 36	151 28 3	N	N	N	2.0	500	500	500	N	N
2118	67 42 43	151 0 51	N	N	N	N	200	30	N	N	N
2121	67 44 54	151 10 9	N	N	N	N	50	200	500	N	N
2245	67 40 23	151 10 11	N	N	N	N	100	50	N	<50	N
2247	67 40 33	151 10 22	N	N	N	N	100	200	N	N	N
2248	67 40 33	151 12 4	N	N	N	N	150	70	N	N	N
2251	67 41 59	151 8 13	N	N	N	N	150	50	N	N	N
					Wiseman C4--continued						
180	67 30 18	151 37 54	N	N	N	N	100	30	N	N	N
189	67 35 15	151 30 6	N	N	N	<1.0	500	50	<500	N	N
194	67 37 10	151 43 6	N	500	N	N	500	70	500	N	N
233	67 32 48	151 47 18	N	N	N	N	200	100	N	N	N
235	67 32 39	151 52 7	N	N	N	N	50	20	<500	N	N
604C	67 32 35	151 37 11	N	N	N	2.0	700	200	N	N	N
607C	67 32 7	151 38 43	N	<500	N	N	700	50	N	N	N
609C	67 37 16	151 54 24	N	N	N	N	1,000	200	N	N	N
611C	67 37 16	151 54 24	N	N	N	N	3,000	50	N	N	N
723C	67 37 55	151 56 7	N	<500	N	7.0	3,000	1,500	3,000	50	<20
749C	67 34 14	151 47 13	200	N	N	1.0	1,000	200	N	N	N
752C	67 35 7	151 47 34	N	<500	N	5.0	2,000	1,000	N	N	N
754C	67 35 24	151 48 39	N	N	N	<1.0	5,000	700	N	N	N
756C	67 37 4	151 48 18	N	N	N	<1.0	200	100	1,000	<50	N
757C	67 39 11	151 49 29	N	N	N	5.0	300	2,000	1,000	70	N
758C	67 38 10	151 43 55	N	<500	N	5.0	2,000	500	1,500	<50	N
759C	67 38 41	151 40 41	N	<500	N	<1.0	1,500	200	<500	N	N
760C	67 39 40	151 41 8	N	N	N	N	300	50	500	<50	N
761C	67 39 40	151 38 58	N	N	N	5.0	2,000	1,000	<500	N	N
762C	67 40 11	151 37 43	N	N	N	1.5	1,500	150	700	<50	N
763C	67 41 43	151 32 40	N	N	N	1.0	200	70	1,000	50	N
764C	67 41 59	151 32 13	N	N	N	<1.0	2,000	50	1,000	70	N
765C	67 44 9	151 38 58	N	N	N	3.0	5,000	1,500	500	N	N
766C	67 44 25	151 38 20	N	N	N	3.0	2,000	2,000	1,000	70	N
767C	67 41 18	151 37 43	N	N	N	N	300	300	500	N	N
768C	67 41 8	151 37 0	N	<500	N	2.0	3,000	100	2,000	100	N
769C	67 42 16	151 47 48	N	N	N	3.0	5,000	1,500	1,000	<50	N
770C	67 43 17	151 51 24	N	<500	N	5.0	3,000	2,000	3,000	100	N
771C	67 44 2	151 53 34	N	N	N	N	1,500	300	1,500	50	N
772C	67 41 16	151 48 9	N	N	N	<1.0	2,000	150	N	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1719	10.0	100	100	300	N	<20	700	2	500	5.00	1,500	1.50
1740	10.0	200	100	20	N	N	10,000	<2	50	5.00	100	.10
1741	7.0	20	100	50	N	N	10,000	<2	50	15.00	200	.20
1742	7.0	10	70	50	N	N	>10,000	N	50	7.00	100	.20
1919	10.0	200	100	30	N	N	>10,000	<2	100	10.00	200	.30
2118	5.0	15	30	50	N	N	>10,000	N	70	1.00	150	.50
2121	5.0	20	50	70	15	N	>10,000	N	150	5.00	100	.20
2245	15.0	<10	50	70	N	N	5,000	N	50	7.00	100	.70
2247	1.0	<10	20	150	N	N	700	N	50	20.00	100	.50
2248	1.0	<10	20	150	N	N	10,000	N	50	20.00	200	.50
2251	1.0	<10	50	150	N	N	10,000	N	50	10.00	50	.50
					Wiseman C4--continued							
180	3.0	15	20	100	N	N	500	2	70	5.00	70	2.00
189	15.0	50	100	20	N	N	>5,000	<2	20	2.00	50	.20
194	>20.0	100	150	20	N	N	>5,000	<2	30	3.00	50	1.00
233	3.0	10	20	100	N	N	700	2	70	2.00	150	1.50
235	5.0	15	20	100	N	N	200	<2	50	1.50	200	2.00
604C	2.0	15	<10	100	N	N	200	<2	50	10.00	100	.30
607C	2.0	15	<10	150	N	N	2,000	<2	50	7.00	50	.50
609C	5.0	50	50	100	N	N	1,500	<2	100	2.00	>1,000	.30
611C	10.0	50	150	200	N	N	2,000	<2	200	1.00	>1,000	.50
723C	7.0	100	200	100	N	N	>10,000	N	50	10.00	1,000	.20
749C	2.0	30	N	200	N	20	7,000	N	70	7.00	150	.50
752C	10.0	70	100	100	N	N	>10,000	N	50	5.00	100	.10
754C	10.0	70	200	150	N	N	7,000	N	100	5.00	>2,000	.20
756C	3.0	20	30	300	N	<20	3,000	N	100	10.00	>2,000	.20
757C	7.0	70	150	300	N	N	7,000	N	50	10.00	1,000	.10
758C	10.0	100	200	200	N	N	10,000	N	70	5.00	>2,000	.20
759C	15.0	50	200	150	N	N	10,000	N	100	7.00	300	.15
760C	7.0	50	100	200	N	N	3,000	N	30	7.00	500	.20
761C	5.0	50	20	200	N	<20	>10,000	N	30	7.00	300	.50
762C	20.0	150	200	150	N	N	>10,000	N	20	5.00	150	.20
763C	7.0	50	150	150	N	N	>10,000	N	150	5.00	500	.30
764C	5.0	30	30	300	N	<20	5,000	2	100	5.00	500	.30
765C	5.0	30	50	500	N	N	>10,000	N	50	10.00	300	.15
766C	3.0	50	70	300	N	N	10,000	N	30	20.00	300	.15
767C	5.0	50	150	200	N	N	10,000	N	50	10.00	200	.15
768C	20.0	150	500	100	N	N	10,000	N	30	2.00	200	.15
769C	5.0	150	150	200	N	N	10,000	<2	70	10.00	300	.10
770C	15.0	100	200	150	N	N	10,000	<2	70	5.00	200	.15
771C	5.0	70	150	200	N	N	>10,000	N	100	7.00	500	.10
772C	2.0	30	100	300	N	N	10,000	N	70	15.00	1,000	.15

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1719	700	50	<10	300	>2.00	N	200	N	300	2,000
1740	200	50	<10	200	>2.00	N	70	N	300	2,000
1741	200	50	N	700	2.00	N	150	N	300	>2,000
1742	200	50	N	1,000	>2.00	N	100	N	300	2,000
1919	200	50	<10	1,000	>2.00	N	150	N	500	1,500
2118	200	50	10	500	2.00	N	200	N	100	>2,000
2121	300	200	10	1,500	>2.00	N	500	100	500	1,000
2245	500	50	N	1,000	>2.00	N	200	N	200	>2,000
2247	200	50	50	1,000	>2.00	N	200	N	300	>2,000
2248	200	70	20	2,000	>2.00	N	200	N	300	100
2251	500	50	30	1,000	>2.00	N	200	N	300	150
				Wiseman C4--continued						
180	700	<50	30	500	1.00	N	150	N	70	200
189	200	<50	10	500	.50	N	100	N	50	100
194	100	<50	<10	300	.20	N	50	N	30	150
233	700	<50	20	200	1.00	N	150	N	70	700
235	700	<50	20	200	1.00	N	150	N	30	150
604C	300	<50	50	500	>1.00	N	200	N	200	>1,000
607C	300	<50	50	500	>1.00	N	200	N	200	>1,000
609C	300	<50	30	300	>1.00	N	200	N	100	1,000
611C	300	<50	30	300	>1.00	N	200	N	150	1,000
723C	300	<50	10	500	1.00	N	100	N	150	>2,000
749C	300	50	30	500	>2.00	N	200	N	500	1,000
752C	100	<50	20	500	>2.00	N	100	N	300	>2,000
754C	200	N	15	500	>2.00	<200	100	N	200	>2,000
756C	300	<50	15	500	>2.00	N	150	N	200	2,000
757C	200	<50	15	700	>2.00	N	100	N	500	>2,000
758C	150	N	15	500	>2.00	N	100	N	150	2,000
759C	200	50	50	500	>2.00	N	150	N	200	>2,000
760C	500	50	20	700	>2.00	N	200	N	500	>2,000
761C	500	50	70	700	>2.00	N	200	N	500	>2,000
762C	200	50	50	700	>2.00	N	150	N	200	>2,000
763C	500	50	70	1,000	>2.00	N	300	N	200	>2,000
764C	500	50	50	500	>2.00	N	200	N	200	>2,000
765C	500	50	50	700	>2.00	N	150	N	500	>2,000
766C	300	50	30	1,000	>2.00	N	150	N	700	>2,000
767C	300	50	20	1,000	>2.00	N	100	N	500	>2,000
768C	200	<50	20	300	>2.00	N	100	N	150	1,000
769C	300	<50	<10	700	2.00	N	100	N	500	>2,000
770C	300	<50	15	500	>2.00	N	150	N	200	>2,000
771C	500	50	20	700	>2.00	N	150	N	200	>2,000
772C	200	<50	15	500	2.00	N	100	N	300	>2,000

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
773C	67 44 23	151 52 35	N	N	N	1.5	5,000	500	3,000	100	N
860C	67 32 39	151 31 33	N	N	N	1.5	300	200	<500	N	N
1743	67 42 14	151 30 22	N	2,000	N	N	50	70	N	N	N
1744	67 42 32	151 30 28	N	N	N	N	1,000	70	N	N	N
1745	67 41 4	151 31 41	N	2,000	N	N	200	50	N	N	N
1746	67 41 15	151 34 45	N	1,000	N	N	100	50	2,000	N	N
1747	67 41 30	151 34 40	N	3,000	N	N	200	100	N	N	N
1748	67 40 42	151 36 58	N	20,000	N	N	100	100	N	N	N
1749	67 38 45	151 37 11	N	5,000	N	N	200	70	N	N	N
1750	67 38 57	151 36 49	N	2,000	N	2.0	200	500	N	N	N
1751	67 36 14	151 33 36	N	3,000	N	N	50	50	N	N	N
1752	67 35 53	151 33 57	N	500	N	5.0	500	150	500	N	N
1753	67 33 41	151 30 40	N	N	N	2.0	200	100	N	N	N
1754	67 31 5	151 31 39	N	1,500	N	100.0	300	5,000	N	N	100
1755	67 30 21	151 32 48	N	500	N	N	150	300	N	N	N
1787	67 30 54	151 32 11	300	5,000	30	10.0	30	500	N	N	20
1920	67 37 8	151 57 18	N	N	N	N	100	700	1,000	N	N
1921	67 37 8	151 51 7	<200	N	N	N	200	200	N	N	N
1922	67 37 45	151 52 2	<200	N	N	N	500	100	1,000	N	N
1923	67 37 53	151 50 58	N	N	N	N	100	100	N	N	N
1924	67 37 33	151 56 25	N	N	N	5.0	500	500	2,000	N	N
1930	67 35 8	151 58 38	N	N	N	N	150	50	1,000	N	N
1931	67 35 25	151 58 18	N	N	N	10.0	700	5,000	5,000	N	N
1932	67 34 16	151 54 50	N	N	N	1.0	300	500	N	N	N
1933	67 34 16	151 55 28	N	N	N	N	300	100	N	N	N
1934	67 31 51	151 58 45	N	N	N	N	70	100	N	N	N
1935	67 31 53	151 59 33	N	N	N	1.0	500	70	N	N	N
1939	67 31 13	151 51 18	N	N	N	N	150	70	1,000	N	N
1940	67 30 40	151 38 20	N	2,000	N	N	200	100	N	N	N
1941	67 30 24	151 38 47	N	<500	N	2.0	150	200	N	N	N
1966	67 44 20	151 41 14	N	1,000	N	3.0	30	1,500	5,000	50	N
1967	67 44 4	151 41 30	N	3,000	N	N	20	20	N	N	N
					Wiseman C5--continued						
242	67 30 25	152 5 24	N	N	N	N	200	150	<500	N	N
249	67 34 24	152 10 13	N	N	N	N	300	50	<500	N	N
269	67 32 46	152 15 43	N	N	N	2.0	500	200	<500	N	N
643C	67 33 12	152 21 22	N	N	N	N	500	100	N	N	N
645C	67 33 2	152 21 0	N	N	N	2.0	500	150	1,500	N	N
647C	67 34 12	152 26 46	N	N	N	N	150	200	N	N	N
649C	67 33 26	152 29 26	N	N	N	N	700	150	N	N	N
651C	67 33 16	152 28 59	N	N	N	N	300	50	N	N	N
700C	67 36 25	152 18 52	N	N	N	N	500	50	<500	N	N
701C	67 36 58	152 18 48	N	N	N	5.0	1,500	1,500	N	N	<20

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
773C	5.0	70	150	70	N	N	>10,000	N	50	10.00	200	.10
860C	2.0	20	50	300	N	<20	10,000	N	70	10.00	200	.50
1743	.5	<10	20	100	N	N	1,000	N	70	7.00	300	.10
1744	1.0	10	30	200	N	N	10,000	<2	200	20.00	300	.20
1745	2.0	15	70	50	N	N	>10,000	<2	100	15.00	200	.20
1746	1.5	<10	30	70	N	N	500	N	50	10.00	200	.20
1747	1.5	<10	30	150	N	N	3,000	<2	1,000	10.00	200	.20
1748	1.5	<10	20	150	N	N	7,000	<2	100	10.00	200	.20
1749	2.0	20	50	150	N	N	2,000	N	100	15.00	150	.50
1750	1.5	10	50	70	N	N	>10,000	N	300	30.00	500	.50
1751	5.0	10	20	50	N	N	>10,000	N	50	10.00	70	.30
1752	30.0	100	200	<20	N	N	>10,000	N	50	5.00	50	.10
1753	2.0	10	30	50	N	N	>10,000	N	70	10.00	50	.20
1754	2.0	70	30	100	N	N	700	N	100	7.00	100	.20
1755	1.0	10	20	150	N	N	500	N	150	7.00	200	.20
1787	5.0	100	50	150	N	N	1,500	N	50	10.00	150	.10
1920	3.0	50	70	150	N	N	700	<2	200	10.00	2,000	.20
1921	7.0	100	50	150	N	N	7,000	<2	500	5.00	1,000	.70
1922	5.0	20	50	200	N	<20	1,500	N	500	7.00	>2,000	.50
1923	3.0	50	70	150	N	N	1,500	N	200	10.00	>2,000	.50
1924	3.0	50	100	300	N	N	3,000	<2	500	15.00	700	.50
1930	5.0	20	100	200	N	N	2,000	<2	700	15.00	1,000	.50
1931	7.0	100	150	200	N	N	5,000	<2	700	10.00	1,500	.70
1932	7.0	30	70	150	N	<20	3,000	<2	500	5.00	1,000	1.00
1933	5.0	10	50	150	N	N	1,500	<2	500	7.00	1,000	.70
1934	2.0	<10	20	50	N	N	700	<2	200	20.00	150	.50
1935	5.0	20	20	100	N	N	1,500	2	200	10.00	500	1.00
1939	2.0	10	20	100	N	N	700	<2	200	15.00	500	.70
1940	2.0	20	20	100	N	<20	2,000	N	100	10.00	150	.20
1941	5.0	50	20	100	N	N	200	<2	200	20.00	500	.50
1966	7.0	20	50	30	N	N	>10,000	<2	70	20.00	100	.15
1967	1.0	<10	20	<20	N	N	1,500	<2	100	20.00	200	.10
Wiseman C5--continued												
242	3.0	10	20	50	N	N	>5,000	<2	50	7.00	100	3.00
249	3.0	50	30	100	N	N	1,000	2	50	2.00	200	1.50
269	10.0	100	100	150	N	N	2,000	2	100	5.00	150	2.00
643C	3.0	20	30	100	N	N	1,500	<2	100	2.00	1,000	.20
645C	2.0	50	50	100	N	N	1,500	2	100	3.00	300	.30
647C	2.0	15	10	100	N	N	700	<2	100	3.00	300	.20
649C	7.0	70	30	150	N	N	1,500	<2	100	3.00	500	.30
651C	3.0	20	15	100	N	N	300	<2	200	3.00	700	.30
700C	2.0	30	30	200	N	20	10,000	<2	150	3.00	300	.15
701C	3.0	30	100	100	N	<20	>10,000	N	150	7.00	1,000	.15

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
773C	200	<50	10	500	1.00	N	70	N	200	>2,000
860C	700	<50	150	700	>2.00	N	200	N	200	200
1743	200	<50	N	700	2.00	N	150	N	300	>2,000
1744	200	<50	N	1,000	2.00	N	200	N	300	2,000
1745	200	<50	N	1,000	>2.00	N	200	N	300	700
1746	200	50	<10	500	>2.00	N	200	N	200	2,000
1747	200	50	N	700	>2.00	N	200	N	300	>2,000
1748	200	<50	50	700	>2.00	N	200	N	200	2,000
1749	300	50	20	500	>2.00	N	200	N	500	2,000
1750	200	<50	20	700	>2.00	N	200	N	500	2,000
1751	200	<50	N	2,000	2.00	N	150	N	200	1,000
1752	100	<50	N	500	>2.00	N	100	N	200	500
1753	200	<50	N	1,000	>2.00	N	150	N	500	1,000
1754	200	50	N	200	>2.00	N	150	N	300	2,000
1755	200	<50	N	200	>2.00	N	200	N	300	>2,000
1787	200	150	10	500	>2.00	N	200	N	500	>2,000
1920	200	70	<10	1,000	>2.00	N	150	N	500	>2,000
1921	200	50	<10	500	>2.00	N	200	<100	200	2,000
1922	200	50	<10	500	>2.00	N	200	<100	200	>2,000
1923	200	50	<10	700	>2.00	N	200	N	500	>2,000
1924	500	<50	<10	1,000	>2.00	N	200	N	500	2,000
1930	300	50	N	700	>2.00	N	200	N	1,000	>2,000
1931	700	50	<10	700	>2.00	N	200	N	300	2,000
1932	300	50	N	200	>2.00	N	200	<100	300	>2,000
1933	200	50	N	200	>2.00	N	200	<100	200	>2,000
1934	200	50	N	1,000	>2.00	N	150	N	1,000	2,000
1935	300	50	N	1,000	>2.00	N	150	N	300	>2,000
1939	200	50	N	700	>2.00	N	150	N	500	>2,000
1940	200	50	N	500	>2.00	N	200	N	500	>2,000
1941	300	<50	<10	1,000	>2.00	N	150	N	500	>2,000
1966	500	<50	N	1,500	1.00	N	150	N	700	>2,000
1967	200	<50	N	1,500	1.00	N	100	N	700	>2,000
				Wiseman C5--continued						
242	500	<50	10	200	.30	N	50	N	20	150
249	500	<50	10	200	.50	N	100	N	50	300
269	500	<50	20	200	1.00	N	100	N	50	300
643C	300	<50	30	200	>1.00	N	150	N	200	>1,000
645C	300	<50	10	200	1.00	N	100	N	70	500
647C	300	<50	30	200	>1.00	N	150	N	200	>1,000
649C	300	<50	30	300	>1.00	N	150	N	200	>1,000
651C	300	<50	20	200	>1.00	N	100	N	150	>1,000
700C	500	70	20	500	>2.00	N	200	N	200	>2,000
701C	150	<50	10	700	>2.00	N	100	N	200	>2,000

Table 6. Spectrographic Analyses for Heavy-Mineral Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
702C	67 36 25	152 22 27	N	N	N	<1.0	200	200	1,000	<50	N
703C	67 36 59	152 22 12	N	500	N	7.0	700	1,000	700	<50	N
704C	67 36 32	152 25 36	N	N	N	2.0	500	1,000	<500	N	N
706C	67 36 31	152 28 1	N	N	N	1.0	300	100	N	N	N
707C	67 38 54	152 29 37	N	N	N	1.5	2,000	70	500	N	N
708C	67 37 51	152 29 35	N	N	N	1.0	500	200	1,000	<50	N
712C	67 41 28	152 29 27	N	N	N	N	500	70	<500	N	N
713C	67 42 22	152 20 56	N	N	N	7.0	3,000	3,000	500	<50	N
714C	67 41 2	152 28 27	N	N	N	N	70	50	N	N	N
715C	67 39 10	152 14 54	N	N	N	5.0	1,500	2,000	N	N	N
716C	67 43 15	152 28 53	N	N	N	N	700	100	N	N	N
717C	67 37 34	152 14 57	300	N	N	2.0	1,000	100	<500	N	N
718C	67 44 51	152 23 31	200	N	N	3.0	1,500	300	N	N	N
719C	67 35 31	152 14 27	N	N	N	1.0	500	100	700	N	N
720C	67 40 46	152 19 10	N	N	N	1.5	700	200	700	<50	N
721C	67 35 48	152 9 0	N	N	N	5.0	1,000	2,000	N	N	N
722C	67 40 36	152 15 45	N	N	N	N	2,000	300	N	N	N
724C	67 40 59	152 16 2	N	N	N	1.5	300	500	N	N	N
725C	67 44 47	152 2 41	N	N	N	N	5,000	500	2,000	<50	N
726C	67 36 50	152 4 26	N	N	N	2.0	1,500	1,000	500	N	N
727C	67 44 34	152 3 8	N	N	N	1.0	1,000	300	500	N	N
728C	67 37 1	152 5 26	N	N	N	3.0	1,500	1,000	500	N	N
729C	67 44 51	152 3 35	N	N	N	2.0	1,500	1,000	700	<50	N
730C	67 39 10	152 5 23	N	2,000	N	3.0	1,000	1,500	1,500	<50	N
731C	67 44 39	152 13 3	N	N	N	N	1,000	500	2,000	50	N
732C	67 39 12	152 6 11	N	N	N	3.0	700	1,000	700	50	<20
734C	67 42 31	152 7 20	N	700	N	5.0	2,000	700	3,000	<50	N
736C	67 42 18	152 8 14	N	N	N	1.0	300	70	500	N	N
738C	67 44 2	152 10 15	N	N	N	5.0	3,000	500	1,000	50	N
740C	67 44 15	152 10 10	N	N	N	N	5,000	70	N	N	N
742C	67 44 5	152 9 15	N	N	N	N	500	300	3,000	100	N
755C	67 40 50	152 6 2	N	N	N	2.0	2,000	1,500	1,000	<50	N
774C	67 41 32	152 0 28	N	N	N	1.5	2,000	300	N	N	N
820C	67 35 33	152 1 28	N	N	N	7.0	500	2,000	700	<50	<20
821C	67 34 47	152 5 29	N	N	N	2.0	3,000	500	2,000	<50	N
1773	67 34 10	152 27 52	N	N	N	2.0	500	500	N	N	N
1774	67 34 0	152 26 41	N	N	N	5.0	200	1,500	N	N	N
1775	67 37 0	152 25 22	N	<500	N	N	300	100	1,000	N	N
1776	67 40 16	152 19 45	N	N	N	15.0	200	5,000	5,000	100	20
1777	67 40 31	152 29 44	N	N	N	N	200	500	3,000	50	N
1778	67 40 23	152 25 47	N	1,000	N	2.0	500	300	<500	N	N
1779	67 31 28	152 23 29	N	N	N	7.0	200	2,000	3,000	N	<20
1781	67 32 36	152 19 5	N	1,000	N	2.0	500	1,000	<500	N	N
1782	67 31 7	152 13 6	N	<500	N	3.0	500	1,000	5,000	N	N
1783	67 33 1	152 11 14	N	500	N	2.0	700	2,000	3,000	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
702C	2.0	50	70	150	N	50	>10,000	N	100	5.00	200	.10
703C	10.0	70	150	70	10	N	>10,000	N	50	5.00	300	.10
704C	3.0	70	70	100	N	N	5,000	<2	150	5.00	300	.20
706C	2.0	20	20	200	N	<20	7,000	N	150	5.00	150	.15
707C	3.0	50	70	200	N	30	>10,000	<2	100	7.00	1,000	.15
708C	7.0	70	200	70	N	N	>10,000	N	100	5.00	500	.10
712C	1.5	20	N	200	N	20	10,000	N	150	1.00	150	.10
713C	10.0	100	300	100	10	N	>10,000	<2	100	5.00	500	.15
714C	1.5	20	50	200	N	20	>10,000	N	100	7.00	300	.10
715C	3.0	30	100	70	<10	<20	>10,000	<2	100	5.00	1,000	.10
716C	2.0	30	30	300	N	20	5,000	N	150	5.00	200	.15
717C	2.0	20	100	100	N	N	>10,000	<2	100	7.00	700	.10
718C	7.0	30	150	70	N	N	>10,000	N	70	2.00	500	.07
719C	5.0	30	100	200	N	20	10,000	<2	150	5.00	500	.15
720C	5.0	50	100	150	10	N	>10,000	<2	200	5.00	2,000	.20
721C	3.0	70	100	100	N	N	>10,000	N	70	10.00	700	.15
722C	5.0	70	150	150	N	N	>10,000	2	70	10.00	1,000	.10
724C	2.0	100	50	150	N	<20	>10,000	<2	70	10.00	700	.10
725C	5.0	50	70	200	<10	20	>10,000	N	150	7.00	200	.07
726C	3.0	50	70	300	N	<20	2,000	<2	150	7.00	2,000	.30
727C	5.0	50	100	150	N	N	3,000	<2	150	7.00	200	.30
728C	2.0	30	50	150	N	<20	>10,000	N	70	10.00	1,000	.10
729C	3.0	70	70	300	N	20	10,000	N	100	10.00	500	.07
730C	15.0	100	200	70	N	N	>10,000	N	100	5.00	500	.05
731C	2.0	30	50	500	N	<20	>10,000	2	100	7.00	300	.10
732C	2.0	30	30	200	N	20	>10,000	N	150	10.00	500	.15
734C	30.0	150	1,000	30	10	N	>10,000	N	20	2.00	2,000	.05
736C	5.0	100	300	100	N	N	>10,000	N	150	5.00	300	.10
738C	5.0	30	100	150	10	<20	10,000	<2	200	10.00	300	.15
740C	2.0	20	50	500	N	20	5,000	N	100	10.00	200	.15
742C	2.0	30	50	200	N	30	10,000	<2	150	10.00	300	.10
755C	7.0	100	100	100	N	N	>10,000	<2	100	10.00	200	.10
774C	7.0	100	100	300	N	N	10,000	N	100	5.00	200	.15
820C	5.0	50	100	500	N	N	5,000	<2	200	10.00	700	.50
821C	10.0	100	200	300	N	N	5,000	<2	150	7.00	500	.20
1773	20.0	200	200	100	N	N	5,000	<2	300	10.00	700	.20
1774	5.0	20	50	150	N	N	7,000	<2	300	20.00	300	.30
1775	5.0	20	100	100	N	N	>10,000	<2	100	10.00	500	.10
1776	10.0	70	100	30	N	N	>10,000	N	50	10.00	500	.10
1777	2.0	50	50	100	N	N	>10,000	<2	100	7.00	100	.20
1778	15.0	150	200	100	N	N	>10,000	<2	100	10.00	200	.20
1779	7.0	50	70	100	N	<20	10,000	5	700	10.00	300	.20
1781	10.0	100	100	100	N	N	>10,000	2	700	7.00	1,000	.50
1782	7.0	70	100	150	N	N	>10,000	2	700	7.00	700	1.00
1783	5.0	50	70	200	N	200	>10,000	2	700	10.00	700	1.00

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
702C	200	70	15	700	>2.00	N	100	N	200	>2,000
703C	100	<50	<10	1,000	2.00	N	100	N	200	>2,000
704C	300	50	15	500	>2.00	N	150	N	200	>2,000
706C	200	100	20	500	>2.00	N	100	N	200	2,000
707C	300	50	15	500	>2.00	N	100	N	300	>2,000
708C	150	<50	10	700	>2.00	N	100	N	200	>2,000
712C	200	70	20	500	>2.00	N	150	N	150	>2,000
713C	200	<50	10	700	2.00	N	100	N	200	>2,000
714C	150	50	15	700	>2.00	N	150	N	200	>2,000
715C	200	<50	<10	700	1.50	N	100	N	200	2,000
716C	200	70	30	500	>2.00	N	150	N	200	>2,000
717C	150	<50	<10	700	2.00	N	100	N	200	>2,000
718C	200	<50	N	700	2.00	N	100	N	150	>2,000
719C	500	50	20	500	>2.00	N	150	N	200	2,000
720C	500	<50	<10	700	1.50	<200	100	N	150	1,500
721C	200	50	<10	1,000	2.00	N	150	N	200	>2,000
722C	200	50	15	1,000	>2.00	N	100	N	200	>2,000
724C	300	50	10	1,000	2.00	N	100	N	200	>2,000
725C	200	50	10	1,000	>2.00	N	100	N	200	>2,000
726C	500	<50	15	500	2.00	<200	150	N	300	2,000
727C	700	<50	20	700	2.00	N	150	N	200	>2,000
728C	200	<50	<10	700	2.00	N	150	N	200	2,000
729C	200	50	20	1,000	>2.00	N	150	N	200	>2,000
730C	200	<50	15	500	2.00	N	100	N	150	>2,000
731C	200	50	20	700	>2.00	N	150	N	200	>2,000
732C	200	<50	15	700	>2.00	N	150	N	200	>2,000
734C	100	N	N	700	.50	N	50	N	100	1,000
736C	200	50	10	1,000	>2.00	N	150	N	300	700
738C	200	50	10	700	2.00	N	150	N	300	>2,000
740C	200	<50	20	1,000	>2.00	N	100	N	500	>2,000
742C	200	50	15	700	>2.00	N	150	N	200	1,000
755C	200	<50	15	700	>2.00	N	150	N	200	>2,000
774C	300	50	30	500	>2.00	N	200	N	200	>2,000
820C	1,000	<50	30	500	2.00	N	150	N	300	700
821C	1,000	<50	20	500	2.00	N	100	N	200	2,000
1773	200	<50	N	700	>2.00	N	100	N	300	2,000
1774	500	<50	N	1,000	>2.00	N	150	N	500	2,000
1775	150	<50	N	1,000	2.00	N	100	N	300	2,000
1776	150	<50	N	5,000	.50	N	50	N	200	500
1777	200	50	N	1,500	>2.00	N	200	N	200	2,000
1778	200	<50	N	1,000	2.00	N	100	N	300	2,000
1779	200	50	N	1,000	>2.00	N	200	N	300	2,000
1781	200	50	N	1,000	>2.00	N	100	N	200	2,000
1782	200	50	N	5,000	>2.00	N	150	N	300	2,000
1783	200	50	<10	1,000	>2.00	N	200	N	300	1,500

Table 6. Spectrographic Analyses for Heavy-Mineral Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
1784	67 30 44	152 0 56	N	<500	N	N	30	1,000	500	N	N
1785	67 30 59	152 0 56	N	500	N	N	100	1,000	N	N	N
1786	67 30 58	152 3 26	N	500	N	N	150	150	7,000	N	N
1925	67 40 57	152 7 23	N	N	N	15.0	50,000	1,500	3,000	<50	N
1926	67 43 14	152 7 52	N	N	N	2.0	1,500	200	2,000	N	N
1927	67 39 31	152 7 2	N	N	N	20.0	500	5,000	500	N	<20
1928	67 34 26	152 4 47	N	N	N	5.0	300	2,000	700	N	N
1929	67 34 19	152 7 17	N	N	N	N	300	500	1,500	N	N
					Wiseman C6--continued						
327	67 32 11	152 39 40	N	N	N	N	30	30	N	N	N
330	67 34 4	152 38 13	N	N	N	N	1,500	50	N	N	N
332	67 35 25	152 37 45	N	N	N	N	50	30	N	N	N
334	67 35 35	152 37 45	N	N	N	N	30	20	N	N	N
705C	67 38 23	152 32 2	N	500	N	5.0	700	2,000	1,500	50	N
709C	67 42 4	152 33 53	N	N	N	N	700	300	700	N	N
710C	67 37 26	152 31 44	N	N	N	N	200	200	1,500	50	N
711C	67 42 29	152 33 5	N	N	N	N	50	70	N	N	N
1190C	67 42 29	152 58 34	N	N	N	5.0	70	700	<500	N	<20
1191C	67 38 15	152 57 21	N	500	N	7.0	300	1,000	N	N	N
1192	67 38 34	152 56 33	N	N	N	<1.0	200	100	<500	N	N
1193C	67 43 3	152 47 37	N	N	N	<1.0	20	300	N	N	N
1194C	67 42 42	152 48 13	N	N	N	1.0	20	200	2,000	100	N
1195C	67 41 57	152 43 3	N	N	N	N	50	100	700	N	N
1196C	67 44 18	152 38 56	N	N	N	<1.0	15	3,000	700	<50	N
1197C	67 44 17	152 40 27	N	N	N	2.0	100	5,000	500	N	N
1198	67 41 38	152 42 57	N	N	N	3.0	150	500	700	50	20
1198A	67 41 38	152 42 57	N	N	N	5.0	100	1,000	1,000	50	<20
1199	67 39 1	152 47 30	N	N	N	20.0	300	5,000	1,000	50	30
1200	67 41 33	152 45 28	N	N	N	2.0	70	500	<500	N	N
1201	67 40 57	152 38 42	N	N	N	5.0	100	1,500	1,500	100	N
1202C	67 40 25	152 36 58	N	N	N	15.0	20	5,000	700	50	30
1203	67 32 44	152 55 20	N	N	N	7.0	300	700	700	50	<20
1204C	67 32 26	152 54 36	N	N	N	20.0	500	5,000	2,000	50	50
1205C	67 34 32	152 51 57	N	N	N	15.0	50	3,000	500	N	30
1206C	67 34 4	152 51 17	N	N	N	10.0	500	1,500	500	N	20
1207C	67 34 47	152 55 38	N	N	N	5.0	20	300	500	<50	N
1212C	67 31 36	152 39 28	N	N	N	3.0	300	300	N	N	N
1213C	67 33 19	152 40 10	N	700	N	3.0	200	700	N	N	N
1214C	67 31 7	152 45 47	N	500	N	7.0	1,000	1,500	1,000	<50	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1784	5.0	50	70	200	N	N	>10,000	2	1,000	7.00	700	1.00
1785	5.0	50	50	70	N	N	>10,000	N	200	15.00	700	.50
1786	7.0	70	50	70	N	N	>10,000	2	1,000	5.00	700	.30
1925	10.0	200	1,000	50	N	N	>10,000	<2	100	10.00	700	.20
1926	5.0	100	200	200	N	N	>10,000	<2	1,000	20.00	700	.50
1927	5.0	70	150	100	N	N	>10,000	<2	200	20.00	1,000	.50
1928	5.0	50	150	200	N	20	5,000	<2	200	15.00	700	.50
1929	5.0	100	200	500	N	20	5,000	<2	500	10.00	1,000	.30
					Wiseman C6--continued							
327	3.0	15	30	200	N	N	500	2	70	.70	150	.50
330	5.0	20	50	150	N	N	500	2	100	5.00	150	2.00
332	2.0	15	50	200	N	N	500	2	100	.70	150	.50
334	5.0	15	50	150	N	N	1,000	2	100	.70	50	1.00
705C	10.0	70	200	50	N	N	>10,000	N	70	5.00	1,500	.07
709C	3.0	70	50	150	N	20	>10,000	N	150	1.50	200	.15
710C	1.5	30	50	150	N	20	>10,000	<2	200	5.00	700	.15
711C	2.0	20	20	200	N	20	7,000	<2	500	1.00	150	.20
1190C	1.0	10	20	70	N	N	>10,000	N	50	7.00	200	.10
1191C	20.0	100	300	50	N	N	>10,000	N	20	2.00	100	.05
1192	3.0	100	100	150	N	N	5,000	N	150	3.00	500	.15
1193C	2.0	30	20	500	N	20	>10,000	<2	150	2.00	150	.20
1194C	3.0	30	50	200	15	<20	>10,000	<2	150	7.00	500	.30
1195C	2.0	50	20	500	N	20	5,000	<2	200	2.00	150	.20
1196C	2.0	50	<10	300	N	20	>10,000	N	200	2.00	100	.10
1197C	2.0	50	50	300	N	20	>10,000	N	150	7.00	150	.15
1198	1.5	30	30	100	N	N	>10,000	N	150	5.00	300	.15
1198A	1.5	50	50	100	N	N	>10,000	N	100	5.00	200	.10
1199	5.0	100	100	20	N	N	>10,000	N	20	5.00	100	<.05
1200	.7	15	50	50	N	N	>10,000	N	100	7.00	200	.10
1201	2.0	30	70	30	N	N	>10,000	N	50	5.00	150	.05
1202C	2.0	50	100	100	N	N	>10,000	N	70	10.00	200	.10
1203	10.0	100	300	30	N	N	>10,000	N	20	5.00	100	.05
1204C	7.0	150	200	150	N	<20	3,000	N	100	10.00	200	.07
1205C	7.0	150	100	70	N	N	>10,000	N	70	7.00	70	.05
1206C	2.0	30	70	150	N	N	5,000	<2	100	7.00	100	.05
1207C	1.5	50	50	70	N	N	>10,000	N	100	10.00	100	.10
1212C	3.0	50	100	500	N	N	1,000	2	200	7.00	1,000	.70
1213C	5.0	50	150	150	N	N	10,000	N	100	10.00	150	.20
1214C	7.0	500	500	200	N	N	700	<2	150	5.00	>2,000	.10

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1784	200	50	<10	1,000	>2.00	N	200	N	300	2,000
1785	300	<50	N	1,000	>2.00	N	150	N	300	2,000
1786	150	<50	N	2,000	>2.00	N	100	N	150	1,000
1925	150	<50	<10	1,000	2.00	N	150	N	300	2,000
1926	300	<50	N	1,000	>2.00	N	200	N	500	2,000
1927	200	100	N	1,000	>2.00	N	200	N	700	1,500
1928	200	100	<10	1,000	>2.00	N	200	N	1,000	>2,000
1929	300	50	<10	700	>2.00	N	200	N	1,000	>2,000
				Wiseman C6--continued						
327	300	<50	20	200	1.00	N	150	N	50	200
330	700	<50	30	200	>1.00	N	150	<100	70	200
332	500	<50	20	200	1.00	N	150	N	50	200
334	700	<50	20	200	1.00	N	150	N	50	200
705C	100	<50	15	700	2.00	N	50	N	100	>2,000
709C	150	70	20	500	>2.00	N	200	N	200	>2,000
710C	150	50	15	700	>2.00	N	100	N	200	>2,000
711C	300	70	30	500	>2.00	N	150	N	200	>2,000
1190C	150	<50	<10	2,000	1.00	N	100	N	150	>2,000
1191C	150	N	N	500	.70	N	20	N	200	>2,000
1192	200	<50	15	500	>2.00	N	100	N	200	>2,000
1193C	300	<50	50	700	>2.00	N	150	N	200	2,000
1194C	200	<50	20	2,000	>2.00	N	200	N	300	2,000
1195C	200	50	30	700	>2.00	N	150	N	300	>2,000
1196C	150	<50	30	700	>2.00	N	150	N	300	>2,000
1197C	200	50	50	1,000	>2.00	N	150	N	500	>2,000
1198	300	<50	15	700	>2.00	N	70	N	200	>2,000
1198A	200	<50	10	1,000	>2.00	N	70	N	200	>2,000
1199	150	<50	N	1,000	1.50	N	50	N	200	>2,000
1200	200	N	N	1,000	.20	N	100	N	150	500
1201	200	N	N	1,000	.30	N	50	N	200	500
1202C	200	<50	15	700	1.00	N	100	N	500	>2,000
1203	100	N	N	700	1.00	N	50	N	200	>2,000
1204C	150	50	15	700	2.00	N	100	N	200	>2,000
1205C	150	<50	10	700	2.00	N	100	N	200	>2,000
1206C	100	<50	15	500	2.00	N	100	N	200	>2,000
1207C	200	<50	15	700	2.00	N	150	N	300	>2,000
1212C	500	<50	20	700	2.00	<200	150	N	200	500
1213C	200	50	20	700	>2.00	N	100	N	150	1,000
1214C	150	N	15	500	1.50	N	100	N	150	300

Table 6. Spectrographic Analyses for Heavy-Mineral Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb ppm s	As ppm s	Au ppm s	Ag ppm s	Cu ppm s	Pb ppm s	Zn ppm s	Cd ppm s	Bi ppm s
1215C	67 30 57	152 44 58	N	N	N	3.0	200	300	500	N	N
1217C	67 34 42	152 47 55	N	<500	N	10.0	500	1,500	<500	N	<20
1218C	67 35 22	152 46 10	N	N	N	2.0	20	700	N	N	N
1219C	67 35 8	152 44 43	N	N	N	50.0	500	5,000	N	N	50
1761	67 39 47	152 33 33	N	500	N	2.0	150	300	1,500	<50	N
1762	67 38 29	152 40 49	N	5,000	N	2.0	100	200	N	N	N
1763	67 38 25	152 40 22	N	2,000	N	2.0	100	2,000	1,000	N	N
1764	67 40 15	152 47 10	N	700	N	150.0	1,500	7,000	2,000	<50	70
1765	67 38 22	152 55 5	N	700	N	20.0	100	5,000	500	N	N
1766	67 34 48	152 50 50	N	1,500	N	5.0	500	2,000	N	N	N
1767	67 35 41	152 42 18	N	500	N	30.0	300	5,000	<500	N	50
1768	67 35 41	152 39 58	N	3,000	N	5.0	150	3,000	500	N	N
1769	67 35 29	152 35 50	N	N	N	N	150	100	N	N	N
1770	67 35 44	152 34 15	N	2,000	N	2.0	200	2,000	500	N	N
1771	67 30 33	152 39 8	N	N	N	10.0	200	700	700	N	N
1772	67 31 23	152 38 34	N	2,000	N	20.0	700	5,000	<500	N	50
					Wiseman D1--continued						
969C	67 56 31	150 29 28	N	N	N	7.0	500	5,000	1,000	100	20
970C	67 56 41	150 29 0	500	N	N	10.0	1,000	3,000	1,000	50	20
972C	67 58 38	150 29 43	N	N	N	20.0	700	15,000	1,000	100	70
1039C	67 49 47	150 29 16	N	N	N	1.5	2,000	100	2,000	50	N
1042C	67 45 37	150 26 46	N	N	N	N	500	30	N	N	N
1043	67 53 8	150 29 54	2,000	N	N	1.5	200	200	2,000	100	N
1045	67 50 34	150 28 25	N	N	N	1.5	300	300	<500	N	N
1046	67 50 23	150 27 25	N	N	N	2.0	200	70	500	N	N
1047C	67 51 18	150 22 34	N	N	N	5.0	3,000	70	700	N	N
1048C	67 51 30	150 22 12	<200	N	N	7.0	2,000	200	1,500	50	N
1049C	67 51 51	150 23 0	N	N	N	3.0	1,000	200	1,000	50	N
1050C	67 51 23	150 24 55	N	N	N	<1.0	50	20	N	N	N
1051	67 53 21	150 23 38	3,000	N	N	2.0	200	1,500	500	<50	N
1052C	67 54 21	150 24 13	N	N	N	2.0	300	200	1,500	70	N
1053	67 55 43	150 15 3	N	N	N	3.0	300	1,500	N	N	N
1054C	67 57 0	150 13 47	N	N	N	N	70	300	3,000	150	N
1055C	67 56 52	150 15 9	N	N	N	7.0	150	5,000	2,000	200	20
1056	67 55 27	150 8 20	N	N	N	2.0	3,000	100	2,000	100	N
1057C	67 55 51	150 8 57	N	N	N	2.0	300	1,500	700	50	N
1058C	67 55 24	150 0 59	N	N	N	1.5	300	200	700	70	N
1059C	67 55 9	150 0 32	N	N	N	N	300	500	700	<50	N
1061	67 59 37	150 25 23	N	N	N	10.0	2,000	5,000	1,500	50	20
1061AC	67 59 37	150 25 23	N	N	N	5.0	200	5,000	1,000	100	<20
1065C	67 59 55	150 18 42	N	N	N	10.0	500	10,000	1,000	70	50
1067C	67 59 38	150 3 19	N	N	N	7.0	1,500	3,000	1,000	100	<20

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1215C	5.0	100	150	300	N	N	1,000	<2	200	5.00	>2,000	.20
1217C	10.0	200	200	200	N	N	10,000	N	150	3.00	200	.15
1218C	2.0	30	50	150	N	<20	10,000	<2	200	7.00	300	.15
1219C	10.0	200	200	100	N	N	>10,000	N	100	5.00	300	.20
1761	7.0	20	70	70	N	N	>10,000	<2	200	10.00	200	.10
1762	10.0	50	100	20	N	N	>10,000	N	20	30.00	150	.15
1763	7.0	100	100	20	N	N	10,000	<2	100	20.00	200	.10
1764	20.0	200	500	30	N	N	>10,000	N	100	10.00	200	.10
1765	10.0	150	200	50	N	N	5,000	N	100	10.00	200	.10
1766	50.0	300	500	50	N	N	>10,000	N	70	5.00	50	.05
1767	10.0	50	100	50	N	N	>10,000	N	100	20.00	200	.10
1768	5.0	50	100	100	N	N	>10,000	N	150	10.00	100	.10
1769	5.0	50	50	100	N	N	5,000	N	200	10.00	200	.20
1770	5.0	30	50	100	N	N	5,000	N	100	10.00	200	.20
1771	50.0	500	200	50	N	N	500	N	70	3.00	1,000	.05
1772	5.0	70	50	100	N	N	500	<2	150	20.00	1,000	.20
					Wiseman D1--continued							
969C	10.0	70	200	150	N	N	>10,000	<2	70	2.00	300	.20
970C	10.0	100	200	100	N	N	>10,000	<2	50	2.00	100	.20
972C	15.0	70	100	300	N	N	>10,000	N	20	2.00	200	.07
1039C	15.0	70	150	30	10	N	>10,000	N	20	1.00	300	.30
1042C	10.0	50	200	100	N	N	>10,000	3	100	1.00	1,000	.50
1043	5.0	30	100	300	15	N	10,000	N	150	2.00	300	.20
1045	10.0	100	200	100	10	N	2,000	N	30	2.00	100	.20
1046	10.0	50	200	300	N	N	>10,000	N	70	3.00	2,000	.10
1047C	15.0	50	200	70	10	N	10,000	<2	70	1.50	500	.70
1048C	20.0	70	200	50	10	N	>10,000	N	30	2.00	500	.20
1049C	10.0	70	200	150	<10	N	>10,000	<2	100	2.00	500	1.00
1050C	1.5	30	30	100	N	N	1,000	N	70	7.00	N	2.00
1051	5.0	50	150	200	N	N	5,000	N	500	5.00	500	.20
1052C	7.0	70	150	150	<10	N	10,000	N	100	5.00	200	1.00
1053	10.0	100	150	200	N	N	10,000	N	200	1.50	300	.30
1054C	2.0	30	70	200	N	<20	>10,000	N	70	5.00	300	1.50
1055C	15.0	50	200	70	<10	N	>10,000	<2	50	2.00	200	.15
1056	10.0	50	150	100	15	N	>10,000	N	200	2.00	700	.20
1057C	10.0	70	100	150	<10	N	>10,000	<2	50	7.00	1,000	1.00
1058C	10.0	70	150	<20	N	N	>10,000	N	20	.70	200	.05
1059C	15.0	50	100	50	N	N	>10,000	<2	100	1.50	200	.15
1061	3.0	50	100	500	N	N	>10,000	<2	200	2.00	300	.20
1061AC	10.0	50	150	300	N	N	10,000	<2	70	2.00	300	1.00
1065C	10.0	70	150	150	N	N	10,000	<2	50	7.00	300	.20
1067C	10.0	70	100	500	N	N	7,000	<2	70	2.00	500	.30

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1215C	300	N	20	500	1.50	200	100	N	150	700
1217C	200	50	15	500	>2.00	N	100	N	150	700
1218C	150	<50	15	500	>2.00	N	100	N	200	2,000
1219C	300	<50	15	700	>2.00	N	100	N	200	>2,000
1761	100	<50	N	1,500	>2.00	N	150	N	200	2,000
1762	300	<50	N	1,500	.50	N	50	N	700	2,000
1763	200	<50	N	1,000	1.00	N	50	N	700	>2,000
1764	500	<50	N	1,000	1.00	N	50	N	300	1,000
1765	300	<50	N	1,000	>2.00	N	100	N	500	>2,000
1766	200	<50	N	500	1.00	N	70	N	200	200
1767	200	<50	N	1,000	1.00	N	70	700	500	2,000
1768	300	50	N	1,000	2.00	N	100	700	300	>2,000
1769	300	50	N	1,000	>2.00	N	200	200	300	2,000
1770	200	50	N	1,000	>2.00	N	150	N	300	>2,000
1771	150	<50	N	200	.50	N	50	N	200	100
1772	300	<50	N	1,000	1.00	N	100	N	300	1,000
				Wiseman D1--continued						
969C	700	50	30	1,000	2.00	N	100	N	100	2,000
970C	500	50	20	700	2.00	N	100	N	150	>2,000
972C	200	70	30	700	>2.00	N	100	N	150	>2,000
1039C	300	100	20	1,000	>2.00	200	100	<100	200	2,000
1042C	300	50	20	700	>2.00	<200	150	<100	150	2,000
1043	200	<50	30	700	>2.00	N	200	N	150	1,500
1045	200	70	50	500	>2.00	N	100	N	100	700
1046	300	<50	<10	1,500	>2.00	N	150	N	300	500
1047C	700	70	15	700	>2.00	N	150	<100	150	1,000
1048C	300	50	10	1,500	>2.00	N	100	N	150	500
1049C	500	50	30	1,000	>2.00	N	150	100	150	500
1050C	700	<50	20	700	2.00	N	200	N	70	100
1051	300	50	50	500	>2.00	N	150	<100	150	2,000
1052C	500	50	70	1,000	>2.00	N	200	N	100	150
1053	300	<50	50	500	>2.00	N	150	N	100	2,000
1054C	700	70	50	1,000	>2.00	N	200	N	200	>2,000
1055C	300	50	15	1,000	2.00	N	150	N	150	1,500
1056	1,000	<50	<10	500	>2.00	N	100	N	200	2,000
1057C	700	70	50	1,000	>2.00	N	300	N	300	>2,000
1058C	300	50	N	1,000	>2.00	N	50	N	150	>2,000
1059C	300	70	10	1,000	>2.00	N	70	N	200	>2,000
1061	700	50	30	700	>2.00	N	150	N	300	>2,000
1061AC	700	70	20	1,000	2.00	N	150	N	200	>2,000
1065C	500	70	20	1,000	2.00	N	100	N	300	>2,000
1067C	700	100	30	1,000	>2.00	N	150	N	200	>2,000

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
1068C	67 59 26	150 3 53	N	N	N	5.0	300	3,000	1,500	200	N
1069C	67 58 42	150 0 11	N	<500	N	10.0	2,000	10,000	7,000	200	30
1070C	67 52 52	150 11 30	N	N	N	1.5	500	300	3,000	100	N
1071C	67 52 33	150 9 43	N	N	N	N	300	200	1,000	50	N
1072C	67 52 7	150 10 39	N	500	N	1.5	1,000	200	700	N	N
1073C	67 50 12	150 7 14	N	500	N	10.0	500	2,000	700	<50	20
1074C	67 49 0	150 10 24	N	N	N	N	200	300	N	N	N
1075C	67 47 24	150 6 32	N	N	N	1.5	500	300	700	<50	N
1076C	67 47 42	150 6 41	N	N	N	1.0	300	300	N	N	N
1077C	67 45 15	150 7 24	N	N	N	1.0	700	1,000	1,000	<50	N
1104C	67 45 46	150 19 54	N	N	N	<1.0	70	30	N	N	N
1105C	67 46 41	150 17 41	N	N	N	3.0	1,500	700	500	<50	N
1106C	67 46 20	150 17 26	N	N	N	10.0	1,000	500	N	N	N
1651	67 54 36	150 26 42	N	3,000	N	N	150	50	N	<50	N
2111	67 56 16	150 29 18	N	N	N	2.0	100	500	1,500	100	N
2112	67 56 18	150 28 57	N	N	<20	100.0	150	20,000	3,000	100	50
2113	67 56 41	150 28 40	N	500	>1,000	300.0	300	30,000	2,000	100	50
2114	67 58 36	150 28 54	N	N	N	50.0	70	50,000	N	N	150
2115	67 56 47	150 14 50	N	N	N	10.0	30	10,000	1,500	N	<20
2116	67 53 14	150 29 32	N	N	N	N	100	500	N	N	N
2117	67 53 18	150 29 59	2,000	N	N	10.0	100	200	2,000	100	N
2232	67 58 28	150 29 11	N	N	N	50.0	300	>50,000	1,000	N	100
2233	67 58 36	150 28 54	N	N	N	N	200	7,000	N	N	N
2236	67 52 58	150 11 57	N	N	N	N	500	700	2,000	50	N
2238	67 52 46	150 12 3	N	N	N	N	150	150	N	N	N
2253	67 56 18	150 28 57	N	N	N	20.0	100	10,000	5,000	200	50
Wiseman D2--continued											
935C	67 45 14	150 58 38	N	1,500	20	10.0	1,000	100	700	50	N
937C	67 45 9	150 48 59	N	N	N	3.0	700	300	500	<50	N
938C	67 46 27	150 54 11	N	<500	N	N	1,000	300	<500	N	N
939C	67 46 38	150 55 59	N	N	N	1.0	700	30	<500	N	N
940C	67 48 21	150 52 40	N	N	N	1.5	1,000	50	700	<50	N
941C	67 48 34	150 53 34	N	N	N	<1.0	500	50	N	N	N
942C	67 47 49	150 46 22	N	N	N	5.0	1,500	100	500	<50	N
943C	67 51 32	150 51 45	N	N	N	<1.0	1,000	20	N	N	N
944C	67 50 46	150 54 40	N	N	N	N	700	200	500	<50	N
945C	67 50 0	150 59 13	N	<500	N	3.0	1,500	200	500	50	N
946C	67 52 7	150 53 0	N	N	N	N	1,000	500	1,000	50	N
947C	67 52 51	150 50 42	N	500	N	2.0	1,500	200	1,500	70	N
948C	67 50 54	150 43 31	N	N	N	3.0	2,000	200	500	<50	N
949C	67 51 6	150 42 47	N	N	N	2.0	500	200	N	N	N
950C	67 59 0	150 50 29	N	N	N	N	300	1,500	2,000	100	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1068C	10.0	70	70	300	N	N	10,000	<2	50	5.00	500	.20
1069C	15.0	150	300	70	N	N	>10,000	<2	30	2.00	500	.05
1070C	5.0	50	100	100	10	N	>10,000	<2	100	7.00	500	1.00
1071C	7.0	50	100	50	N	N	10,000	<2	150	5.00	300	.70
1072C	15.0	70	300	<20	N	N	>10,000	<2	30	.70	200	.05
1073C	15.0	200	200	70	10	N	10,000	<2	20	5.00	300	.20
1074C	2.0	50	70	70	N	<20	10,000	<2	70	5.00	700	.70
1075C	10.0	150	300	100	N	N	10,000	<2	30	3.00	200	.20
1076C	7.0	100	100	70	N	N	10,000	<2	70	3.00	200	.20
1077C	5.0	100	70	50	N	N	>10,000	<2	50	5.00	300	.20
1104C	2.0	20	N	150	N	N	1,000	<2	150	1.50	100	.30
1105C	10.0	70	200	200	N	N	>10,000	<2	500	1.00	700	.70
1106C	7.0	70	150	150	N	N	>10,000	3	700	1.00	500	.70
1651	3.0	20	50	150	N	N	300	<2	150	7.00	70	.50
2111	3.0	30	50	500	N	N	10,000	2	200	10.00	300	.50
2112	15.0	150	150	150	N	N	>10,000	2	70	1.50	200	.07
2113	20.0	1,000	200	70	1,500	N	>10,000	<2	50	2.00	100	.05
2114	3.0	20	50	200	30	N	3,000	2	150	3.00	300	.50
2115	2.0	20	15	150	N	N	>10,000	<2	70	3.00	200	.20
2116	1.5	10	50	50	N	N	>10,000	<2	700	2.00	200	.50
2117	5.0	20	50	200	N	N	>10,000	2	150	3.00	150	.30
2232	10.0	70	100	300	N	N	10,000	N	100	10.00	100	.50
2233	5.0	N	50	500	N	N	2,000	N	100	15.00	100	.50
2236	5.0	N	100	200	N	N	>10,000	N	100	20.00	100	1.00
2238	2.0	N	50	300	N	N	7,000	N	50	15.00	<50	.50
2253	7.0	100	70	100	N	N	>10,000	N	30	10.00	100	.70
					Wiseman D2--continued							
935C	20.0	70	200	20	N	N	>10,000	N	<20	.50	500	.05
937C	10.0	70	100	100	10	<20	>10,000	<2	50	1.50	1,000	.20
938C	10.0	70	150	100	<10	30	>10,000	<2	30	1.50	1,000	.10
939C	15.0	50	100	50	<10	N	10,000	N	20	2.00	150	.10
940C	10.0	50	100	100	<10	N	3,000	N	30	5.00	500	1.50
941C	1.0	30	50	300	N	N	3,000	N	200	3.00	500	1.50
942C	20.0	70	150	70	<10	N	>10,000	N	30	1.50	1,000	.20
943C	1.5	20	50	100	N	N	10,000	<2	100	3.00	300	.70
944C	2.0	50	100	500	<10	N	>10,000	N	30	2.00	300	.20
945C	20.0	100	300	100	10	N	>10,000	N	30	1.00	700	.10
946C	20.0	50	200	150	<10	N	>10,000	<2	20	1.50	200	.10
947C	20.0	70	200	150	10	N	>10,000	N	20	1.50	300	.30
948C	20.0	70	200	200	<10	<20	>10,000	N	20	2.00	300	1.00
949C	15.0	70	150	300	<10	N	10,000	N	30	1.50	500	1.00
950C	2.0	50	70	200	N	N	>10,000	<2	30	1.50	500	.15

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1068C	500	70	50	1,000	>2.00	N	150	N	300	>2,000
1069C	200	70	15	1,000	2.00	N	70	N	200	>2,000
1070C	500	70	20	1,000	>2.00	N	100	N	200	1,500
1071C	500	100	15	500	>2.00	N	150	N	300	>2,000
1072C	200	70	10	1,000	>2.00	N	50	N	100	>2,000
1073C	150	70	15	1,000	>2.00	N	100	N	150	>2,000
1074C	200	100	30	700	>2.00	N	100	N	300	>2,000
1075C	200	70	20	500	>2.00	N	150	N	150	>2,000
1076C	200	100	20	1,000	>2.00	N	100	N	150	1,000
1077C	200	70	15	2,000	>2.00	N	100	N	100	1,000
1104C	500	50	15	500	>2.00	N	150	N	100	200
1105C	700	<50	15	700	>2.00	N	100	N	150	>2,000
1106C	500	<50	20	500	>2.00	N	100	N	200	>2,000
1651	700	70	20	1,000	>2.00	N	300	N	200	300
2111	500	70	50	1,000	>2.00	N	500	N	300	>2,000
2112	100	100	30	1,000	>2.00	N	300	N	500	>2,000
2113	150	50	20	2,000	2.00	N	100	N	200	>2,000
2114	500	100	15	1,000	2.00	N	200	N	200	>2,000
2115	100	N	20	2,000	2.00	N	200	N	500	>2,000
2116	200	N	N	10,000	1.00	N	300	N	100	>2,000
2117	100	100	30	5,000	>2.00	N	500	2,000	300	>2,000
2232	1,000	<50	10	1,500	>2.00	N	200	N	500	>2,000
2233	1,000	<50	N	1,500	>2.00	N	200	N	500	2,000
2236	3,000	50	N	3,000	2.00	N	300	N	500	700
2238	1,000	<50	N	2,000	1.50	N	200	N	200	1,000
2253	200	<50	<10	2,000	.50	N	70	N	100	1,000
				Wiseman D2--continued						
935C	100	<50	N	500	1.50	N	50	N	70	1,500
937C	200	100	20	1,000	>2.00	<200	100	N	300	>2,000
938C	200	100	20	1,000	>2.00	N	100	N	200	>2,000
939C	500	70	20	300	>2.00	N	150	N	200	700
940C	1,000	<50	50	500	>2.00	N	300	N	100	200
941C	700	70	70	500	>2.00	N	150	N	150	700
942C	500	70	20	500	>2.00	N	100	N	150	500
943C	500	50	70	500	>2.00	N	200	N	150	1,500
944C	500	70	50	700	>2.00	N	150	N	200	>2,000
945C	200	50	20	500	>2.00	N	70	N	150	2,000
946C	300	70	20	500	>2.00	N	100	N	200	>2,000
947C	200	50	30	500	>2.00	N	130	<100	100	>2,000
948C	500	70	50	500	>2.00	N	100	N	100	1,000
949C	500	50	50	1,000	>2.00	N	100	N	100	2,000
950C	300	50	100	1,000	>2.00	<200	100	N	300	>2,000

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
951C	67 59 8	150 49 56	N	N	N	N	1,000	1,000	1,500	100	N
952	67 57 34	150 49 43	N	N	N	N	500	300	2,000	70	N
954C	67 59 3	150 58 52	N	N	N	N	50	200	500	N	N
955C	67 58 29	150 49 8	N	N	N	N	100	70	500	N	N
956C	67 57 6	150 51 27	N	N	N	5.0	2,000	5,000	2,000	70	N
957C	67 55 17	150 58 9	N	N	N	N	50	300	N	N	N
958C	67 55 15	150 45 59	N	N	N	<1.0	100	50	N	N	N
959C	67 54 51	150 51 38	N	N	N	2.0	700	500	1,500	70	N
963C	67 55 49	150 43 41	N	N	N	15.0	200	15,000	5,000	100	50
964C	67 55 35	150 42 31	N	N	N	1.0	200	200	N	N	N
965C	67 53 40	150 38 30	N	N	N	2.0	150	500	700	<50	N
966C	67 56 19	150 39 51	N	N	N	20.0	2,000	15,000	10,000	200	50
967C	67 55 58	150 38 8	N	<500	N	2.0	500	1,000	1,000	<50	N
968C	67 56 9	150 35 7	N	N	N	3.0	200	500	700	<50	N
971C	67 58 28	150 30 33	N	N	N	15.0	1,500	10,000	5,000	70	30
1031C	67 45 48	150 36 36	N	N	N	N	23	<20	N	N	N
1032C	67 45 35	150 34 21	N	N	N	N	20	20	N	N	N
1033C	67 45 15	150 34 54	N	N	N	1.0	150	50	500	N	N
1034C	67 46 53	150 31 19	N	N	N	1.5	300	70	<500	N	N
1035C	67 48 14	150 32 25	N	N	N	N	200	150	500	N	N
1036C	67 49 2	150 33 50	N	N	N	5.0	500	100	1,000	70	N
1037C	67 49 36	150 37 25	200	500	N	5.0	700	70	3,000	100	N
1038C	67 49 18	150 37 37	N	N	N	3.0	300	70	1,500	50	N
1040C	67 51 13	150 32 17	N	500	N	1.0	150	50	500	N	N
1041C	67 50 57	150 33 1	N	500	N	3.0	500	150	500	N	N
1044	67 53 2	150 30 11	N	1,000	N	5.0	1,500	1,000	N	N	N
1062	67 59 52	150 34 13	N	N	N	10.0	300	5,000	3,000	150	N
2119	67 46 39	150 56 49	N	N	N	N	200	200	N	N	N
2123	67 45 38	150 59 36	N	N	N	N	73	50	N	N	N
2239	67 51 1	150 34 22	N	N	N	N	53	50	N	N	N
2240	67 51 11	150 33 55	N	N	N	1.5	300	100	2,000	100	N
Wiseman D3--continued											
782C	67 46 23	151 28 19	N	N	N	<1.0	70	100	N	N	N
783C	67 45 36	151 28 57	N	N	N	5.0	1,000	1,500	1,000	70	N
898C	67 45 7	151 24 0	N	N	N	N	150	20	N	N	N
899C	67 48 24	151 23 8	N	500	N	N	50	300	N	N	N
900C	67 48 28	151 24 3	N	N	N	N	29	700	N	N	N
902C	67 49 51	151 28 22	N	N	N	N	50	70	N	N	N
903C	67 51 43	151 22 50	N	N	N	N	100	200	N	N	N
904C	67 51 33	151 23 22	N	N	N	N	70	500	N	N	N
905C	67 50 0	151 24 12	N	N	N	N	200	150	1,000	N	N
906C	67 53 37	151 16 32	N	N	N	N	300	100	1,500	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
951C	5.0	50	100	200	N	N	10,000	N	50	1.50	500	.20
952	5.0	20	50	1,000	N	N	3,000	<2	70	1.50	300	.10
954C	1.0	20	N	200	N	N	10,000	<2	50	2.00	500	.20
955C	10.0	30	70	200	N	N	1,000	2	100	1.00	300	.20
956C	5.0	50	100	150	N	N	>10,000	<2	20	1.00	200	.10
957C	2.0	30	50	500	N	N	2,000	<2	50	1.50	300	.20
958C	3.0	50	200	500	<10	N	2,000	N	50	5.00	100	2.00
959C	7.0	100	500	70	<10	N	>10,000	N	20	1.00	200	.20
963C	1.0	50	50	200	N	<20	10,000	N	50	5.00	200	.20
964C	5.0	50	150	200	10	N	3,000	N	500	5.00	N	1.50
965C	1.5	30	50	200	N	<20	>10,000	N	50	5.00	100	.30
966C	7.0	100	200	100	N	N	5,000	N	20	3.00	150	.07
967C	5.0	70	150	50	<10	N	10,000	N	100	1.00	100	.10
968C	10.0	70	200	200	<10	N	>10,000	N	200	2.00	200	.20
971C	10.0	100	150	200	N	N	>10,000	<2	30	7.00	300	.15
1031C	.7	15	N	100	N	N	10,000	N	50	3.00	300	.30
1032C	.7	15	20	100	N	N	2,000	N	30	7.00	200	.50
1033C	1.0	20	50	100	N	<20	7,000	N	50	10.00	>2,000	.50
1034C	2.0	30	70	50	15	N	10,000	N	100	2.00	500	.70
1035C	2.0	70	150	70	N	N	10,000	N	30	5.00	300	.30
1036C	5.0	50	150	100	20	N	>10,000	N	50	2.00	700	.50
1037C	15.0	100	300	70	10	N	>10,000	N	30	1.00	150	.20
1038C	7.0	70	100	70	10	N	>10,000	N	30	1.00	300	.20
1040C	10.0	70	50	100	N	N	10,000	N	30	5.00	150	.70
1041C	15.0	70	200	70	<10	N	10,000	N	100	1.50	200	.50
1044	10.0	100	200	100	<10	N	10,000	N	20	1.50	500	.20
1062	7.0	50	100	300	N	N	>10,000	N	100	1.00	500	.10
2119	30.0	50	200	20	50	N	>10,000	N	30	3.00	50	.10
2123	2.0	10	30	30	N	N	2,000	N	50	.50	100	.50
2239	1.0	N	20	150	N	N	2,000	N	50	5.00	<50	.50
2240	10.0	50	70	150	N	N	10,000	N	50	10.00	100	.50
					Wiseman D3--continued							
782C	5.0	50	50	700	N	<20	5,000	N	100	10.00	500	.20
783C	3.0	30	50	500	N	<20	>10,000	N	70	10.00	500	.20
898C	2.0	20	50	20	10	N	>10,000	<2	<20	2.00	200	.07
899C	1.5	30	N	700	<10	20	5,000	N	50	5.00	500	.10
900C	1.5	20	N	700	N	N	5,000	N	50	5.00	500	.10
902C	1.0	20	N	1,000	<10	20	5,000	N	50	2.00	500	.05
903C	1.0	30	30	1,000	N	20	3,000	N	70	2.00	500	.20
904C	1.5	30	50	1,000	N	20	1,500	N	50	2.00	500	.20
905C	2.0	50	50	200	<10	<20	7,000	<2	50	7.00	300	.10
906C	7.0	30	70	300	N	N	10,000	<2	50	7.00	500	.15

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
951C	500	50	50	1,500	>2.00	200	100	<100	200	>2,000
952	500	50	50	1,500	>2.00	N	150	N	200	>2,000
954C	300	70	70	1,000	>2.00	N	150	N	300	>2,000
955C	1,000	70	50	700	>2.00	N	150	N	150	>2,000
956C	500	70	30	1,000	>2.00	N	100	N	150	>2,000
957C	500	50	50	700	>2.00	N	150	N	200	>2,000
958C	700	50	70	700	2.00	N	200	N	100	1,500
959C	200	50	20	700	1.00	N	100	N	100	>2,000
963C	300	70	50	700	>2.00	N	150	N	150	>2,000
964C	500	<50	50	500	2.00	N	200	N	50	200
965C	200	100	50	1,500	>2.00	N	200	100	100	2,000
966C	200	70	30	1,500	>2.00	N	100	N	150	>2,000
967C	150	<50	20	500	2.00	N	100	N	70	2,000
968C	300	<50	30	700	2.00	N	100	N	100	>2,000
971C	300	50	30	1,000	>2.00	N	100	N	200	>2,000
1031C	200	100	20	500	>2.00	N	150	100	100	1,500
1032C	200	50	30	700	>2.00	N	100	<100	100	1,000
1033C	200	<50	20	1,000	>2.00	N	100	N	150	700
1034C	700	70	20	700	>2.00	N	100	N	300	1,000
1035C	500	100	30	700	>2.00	N	100	N	150	1,500
1036C	500	100	20	2,000	>2.00	N	200	<100	200	500
1037C	500	<50	10	3,000	2.00	N	150	300	100	500
1038C	300	150	20	3,000	>2.00	N	300	200	200	150
1040C	500	<50	50	700	>2.00	N	200	1,000	200	150
1041C	200	50	20	700	>2.00	N	100	150	150	200
1044	200	50	30	500	>2.00	N	100	N	200	200
1062	700	50	30	500	>2.00	200	100	N	200	>2,000
2119	200	100	30	1,000	>2.00	N	150	100	300	>2,000
2123	200	N	N	200	1.00	N	100	N	70	>2,000
2239	1,000	<50	N	1,000	1.00	N	100	N	100	200
2240	700	50	50	1,000	>2.00	N	100	100	200	200
Wiseman D3--continued										
782C	500	50	30	1,000	>2.00	N	150	N	500	>2,000
783C	300	<50	20	1,000	>2.00	N	150	N	500	>2,000
898C	150	70	15	1,500	>2.00	N	200	N	200	2,000
899C	300	70	70	1,000	>2.00	N	200	N	300	>2,000
900C	300	70	50	1,000	>2.00	N	200	N	200	>2,000
902C	500	50	50	1,000	>2.00	N	200	<100	200	>2,000
903C	500	50	50	700	>2.00	<200	200	N	200	>2,000
904C	700	70	50	700	>2.00	N	200	N	200	>2,000
905C	500	50	20	1,000	>2.00	N	100	N	200	>2,000
906C	300	70	30	1,000	>2.00	N	150	N	300	>2,000

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
907C	67 53 33	151 17 0	N	N	N	N	100	70	N	N	N
908C	67 49 12	151 18 9	N	N	N	N	300	200	1,000	N	N
909	67 51 13	151 16 8	N	N	N	3.0	70	1,500	<500	N	N
910C	67 47 16	151 18 22	N	N	N	N	700	30	700	N	N
911C	67 47 28	151 18 33	N	N	N	5.0	500	1,500	7,000	200	N
912C	67 45 45	151 17 2	N	N	N	N	100	50	700	N	N
913C	67 45 53	151 16 19	N	N	N	N	100	50	500	N	N
914C	67 47 36	151 14 56	N	N	N	N	50	30	700	N	N
915C	67 47 43	151 15 26	N	N	N	N	30	200	<500	N	N
916C	67 47 36	151 10 44	N	500	N	3.0	1,000	70	1,000	<50	N
917C	67 47 33	151 11 30	N	N	N	1.5	50	70	N	N	N
918C	67 48 36	151 9 18	N	N	N	<1.0	200	50	<500	N	N
919C	67 49 29	151 6 23	N	N	N	N	500	150	500	N	N
920	67 48 44	151 6 24	N	N	N	1.0	50	50	N	N	N
923C	67 47 27	151 5 10	N	N	N	5.0	700	70	<500	<50	N
925C	67 50 45	151 7 37	N	N	N	N	500	300	500	N	N
926C	67 49 8	151 3 57	N	<500	N	2.0	1,000	70	<500	N	N
927C	67 50 15	151 1 29	N	N	N	N	100	<20	500	<50	N
928C	67 50 31	151 0 12	N	N	N	N	700	200	1,000	50	N
929C	67 50 18	151 0 29	N	N	N	N	700	50	<500	N	N
931C	67 52 18	151 2 25	N	N	N	N	1,500	500	1,000	50	N
932C	67 52 10	151 2 52	N	N	N	N	700	500	1,500	70	N
933C	67 53 27	151 7 39	N	N	N	N	50	200	500	N	N
934C	67 53 29	151 8 12	N	N	N	N	50	200	N	N	N
960C	67 52 39	151 4 24	N	<500	N	2.0	5,000	700	2,000	50	N
961	67 52 2	151 12 2	N	N	N	<1.0	300	70	N	N	N
962	67 51 20	151 17 51	N	N	N	N	50	50	N	N	N
973C	67 45 5	151 9 50	N	<500	N	2.0	300	200	1,500	70	N
977C	67 45 32	151 10 38	N	N	N	3.0	1,000	100	1,000	<50	N
978C	67 45 24	151 11 16	N	N	N	3.0	500	100	1,000	<50	N
1161C	67 57 18	151 6 39	N	N	N	5.0	20	20	N	50	N
1162C	67 57 39	151 6 27	N	N	N	7.0	50	150	1,000	70	N
1163C	67 57 30	151 12 12	N	N	N	5.0	300	150	700	50	N
1164C	67 57 50	151 12 33	N	N	N	N	150	100	1,000	<50	N
1165	67 57 12	151 13 45	N	N	N	2.0	50	100	500	70	N
1166C	67 56 42	151 19 57	N	N	N	3.0	20	50	1,000	70	N
1167C	67 57 8	151 19 29	N	N	N	5.0	20	70	<500	50	N
1168C	67 57 31	151 19 29	N	N	N	2.0	200	100	500	<50	N
1169C	67 57 46	151 24 13	N	N	N	3.0	50	20	1,500	<50	N
1170C	67 57 5	151 26 35	N	N	N	1.5	30	30	1,000	<50	N
1171C	67 57 34	151 28 35	N	N	N	7.0	100	500	500	<50	N
1660	67 53 40	151 29 25	N	N	N	N	100	50	N	N	N
1661	67 53 58	151 29 26	N	N	N	N	150	20	N	N	N
1663	67 56 55	151 28 47	N	500	N	N	100	500	1,000	<50	N
2120	67 45 19	151 0 19	N	1,000	100	20.0	100	3,000	500	N	N

Table 6.. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
907C	2.0	50	50	700	10	<20	10,000	<2	70	5.00	500	.20
908C	1.5	30	50	500	N	20	10,000	<2	50	15.00	300	.10
909	2.0	30	50	200	N	<20	1,000	<2	100	10.00	200	.20
910C	1.0	50	50	300	10	<20	10,000	N	50	2.00	500	.50
911C	3.0	50	150	150	20	N	>10,000	<2	30	3.00	500	.10
912C	1.0	20	<10	100	10	<20	10,000	N	50	5.00	150	.20
913C	1.0	30	50	70	10	<20	>10,000	N	30	5.00	300	.15
914C	.7	20	20	200	20	<20	5,000	N	50	5.00	700	.20
915C	1.0	15	15	300	<10	<20	>10,000	N	50	5.00	150	.10
916C	10.0	150	300	150	10	N	10,000	N	30	3.00	>2,000	.10
917C	1.5	30	20	200	<10	20	>10,000	<2	50	10.00	500	.07
918C	5.0	50	100	200	15	N	>10,000	<2	50	2.00	150	.50
919C	2.0	50	70	200	N	N	>10,000	<2	70	1.50	200	.20
920	3.0	<10	70	300	N	N	3,000	N	100	2.00	1,500	.30
923C	15.0	50	200	100	20	N	10,000	N	70	.50	>2,000	.50
925C	1.5	70	50	300	N	<20	>10,000	N	50	.70	500	.20
926C	20.0	500	500	700	10	N	10,000	<2	20	1.00	500	.20
927C	1.5	30	70	50	N	N	>10,000	<2	30	.50	200	.05
928C	1.5	30	70	300	<10	<20	>10,000	<2	50	5.00	300	.10
929C	2.0	50	100	100	<10	N	>10,000	<2	20	2.00	500	.15
931C	10.0	50	150	200	N	N	>10,000	<2	100	3.00	500	.07
932C	2.0	50	100	150	N	N	>10,000	<2	70	2.00	300	.10
933C	1.5	30	20	200	N	N	10,000	<2	30	5.00	500	.10
934C	1.0	50	20	700	N	20	5,000	<2	50	1.00	500	.15
960C	7.0	100	200	150	N	N	10,000	<2	50	2.00	200	.20
961	2.0	30	70	150	N	N	1,500	N	70	10.00	200	.15
962	5.0	20	20	200	N	N	1,500	N	100	5.00	500	.15
973C	7.0	50	100	100	N	N	>10,000	N	20	1.00	2,000	.10
977C	2.0	50	100	70	10	N	10,000	N	50	1.00	2,000	.50
978C	2.0	50	100	100	10	N	>10,000	N	30	.50	2,000	.20
1161C	.5	<10	70	200	20	N	>10,000	<2	30	20.00	700	.20
1162C	1.0	50	100	300	15	500	>10,000	<2	30	20.00	500	.20
1163C	1.5	30	100	200	20	N	>10,000	<2	30	20.00	700	.20
1164C	15.0	70	100	500	N	N	>10,000	2	100	5.00	500	.20
1165	2.0	20	100	300	10	N	10,000	<2	100	7.00	500	.15
1166C	1.5	15	100	150	15	N	>10,000	<2	70	15.00	500	.15
1167C	1.0	N	50	70	10	N	>10,000	<2	100	15.00	500	.15
1168C	10.0	50	100	200	10	N	10,000	2	150	15.00	500	.20
1169C	1.0	<10	50	70	10	N	>10,000	<2	70	15.00	500	.10
1170C	2.0	20	70	200	<10	N	>10,000	<2	200	20.00	300	.15
1171C	3.0	15	100	200	15	N	>10,000	2	30	20.00	500	.50
1660	2.0	10	50	100	N	N	10,000	<2	100	5.00	200	.20
1661	3.0	10	50	300	N	N	150	<2	100	2.00	300	.30
1663	3.0	15	50	300	N	N	500	<2	300	5.00	1,000	.20
2120	30.0	70	200	N	150	N	>10,000	N	20	2.00	50	.05

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
907C	500	70	50	1,000	>2.00	N	200	N	300	>2,000
908C	300	70	30	1,000	>2.00	N	150	N	500	>2,000
909	700	50	20	1,000	2.00	N	100	N	500	>2,000
910C	500	70	50	500	>2.00	N	200	N	300	>2,000
911C	300	70	20	700	>2.00	N	200	N	200	>2,000
912C	500	100	20	300	>2.00	N	200	N	500	100
913C	200	100	20	700	>2.00	N	200	<100	200	1,000
914C	300	100	50	500	>2.00	N	300	100	500	1,000
915C	200	70	50	500	>2.00	N	200	100	150	>2,000
916C	200	50	15	500	>2.00	200	150	N	200	>2,000
917C	300	70	20	700	>2.00	N	200	N	150	1,500
918C	300	50	20	1,000	>2.00	N	200	N	100	2,000
919C	200	70	30	1,000	>2.00	N	200	N	150	>2,000
920	300	<50	20	500	>2.00	N	200	N	200	2,000
923C	700	N	<10	300	1.00	500	200	N	150	2,000
925C	200	50	50	1,000	>2.00	N	200	N	200	>2,000
926C	200	50	70	500	>2.00	N	100	N	200	>2,000
927C	500	<50	15	1,000	2.00	N	100	N	100	2,000
928C	500	100	20	1,000	>2.00	N	150	N	200	>2,000
929C	200	50	20	1,000	>2.00	N	100	N	150	>2,000
931C	200	70	30	1,000	>2.00	N	150	N	200	>2,000
932C	200	50	20	1,000	>2.00	N	100	N	150	>2,000
933C	300	70	50	1,000	>2.00	N	150	N	300	>2,000
934C	500	50	70	700	>2.00	N	150	N	200	>2,000
960C	500	50	20	700	2.00	N	100	N	100	>2,000
961	500	<50	10	1,000	1.50	N	100	N	700	>2,000
962	500	100	20	1,000	>2.00	N	200	N	300	>2,000
973C	500	100	10	1,000	>2.00	N	300	100	100	1,000
977C	1,000	50	10	500	>2.00	<200	200	<100	100	500
978C	300	70	15	500	>2.00	N	200	100	200	100
1161C	300	N	15	700	.10	N	150	N	1,000	100
1162C	700	N	15	700	.50	N	200	N	700	500
1163C	500	N	15	1,000	.20	N	200	N	1,000	500
1164C	5,000	<50	20	1,000	2.00	N	150	N	200	>2,000
1165	1,000	<50	20	500	1.50	N	150	N	700	>2,000
1166C	500	N	15	1,000	.15	N	150	N	500	200
1167C	500	N	10	1,500	.30	N	150	N	500	1,500
1168C	3,000	<50	20	500	1.50	N	200	N	700	2,000
1169C	300	N	<10	1,500	.30	N	150	N	500	200
1170C	700	N	15	1,000	.50	N	150	N	700	300
1171C	700	N	15	1,000	.70	N	200	N	1,000	1,000
1660	300	50	<10	700	>2.00	N	200	N	200	>2,000
1661	1,000	<50	20	200	>2.00	N	200	N	300	>2,000
1663	1,000	50	20	1,000	>2.00	N	200	N	500	>2,000
2120	150	<50	N	2,000	2.00	N	70	N	100	2,000

Table 6. Spectrographic Analyses for Heavy-Mineral Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
2122	67 45 2	151 10 42	N	N	<20	1.0	50	300	500	N	N
2260	67 47 7	151 5 7	2,000	N	N	N	150	100	N	N	N
					Wiseman D4--continued						
775C	67 46 30	151 51 37	N	N	N	N	2,000	500	2,000	70	N
776C	67 46 28	151 50 48	N	N	N	1.5	3,000	1,000	1,500	100	N
777C	67 48 1	151 46 1	N	N	N	2.0	200	2,000	7,000	150	N
778C	67 48 19	151 46 23	N	N	N	1.0	1,500	300	500	N	N
780C	67 48 19	151 55 47	N	N	N	7.0	1,000	2,000	2,000	100	20
781C	67 47 38	151 35 21	N	N	N	N	70	100	2,000	70	N
784C	67 48 47	151 31 6	N	N	N	N	200	200	<500	N	N
785C	67 52 52	151 36 14	N	N	N	N	700	150	N	N	N
786C	67 55 40	151 36 14	N	N	N	1.5	50	150	700	50	N
787C	67 58 20	151 34 41	N	N	N	1.5	50	500	1,000	100	N
788C	67 58 32	151 34 8	N	N	N	1.0	100	150	1,000	N	N
789C	67 58 18	151 33 35	N	N	N	2.0	50	20	<500	N	N
790C	67 54 18	151 32 14	N	N	N	<1.0	50	300	N	N	N
791C	67 50 38	151 36 37	N	N	N	N	1,000	100	500	100	N
792C	67 58 7	151 41 12	N	N	N	N	50	100	N	N	N
793C	67 57 57	151 41 22	N	N	N	5.0	70	70	2,000	150	N
794C	67 59 23	151 51 49	N	N	N	N	70	200	N	<50	N
795C	67 59 9	151 51 27	N	N	N	<1.0	150	1,000	700	50	N
796C	67 57 49	151 54 15	N	N	N	2.0	100	500	700	<50	N
797C	67 57 41	151 54 59	N	N	N	N	100	300	500	N	N
1172	67 50 41	151 46 23	N	N	N	N	100	70	N	N	N
1173	67 51 44	151 51 56	N	N	N	N	1,500	300	3,000	70	N
1174C	67 52 4	151 52 1	N	N	N	15.0	3,000	30,000	15,000	100	30
1175C	67 52 17	151 55 39	N	N	N	1.0	500	1,500	<500	N	N
1176C	67 53 43	151 50 57	N	N	N	10.0	300	3,000	1,000	<50	20
1177C	67 54 3	151 51 24	N	N	N	3.0	50	100	--	N	N
1652	67 45 37	151 38 35	N	N	N	5.0	500	1,000	10,000	<50	N
1653	67 45 48	151 37 25	N	N	N	N	20	50	N	N	N
1654	67 45 11	151 42 48	N	N	N	2.0	100	2,000	2,000	N	N
1655	67 48 19	151 40 7	N	N	N	N	20	50	N	N	N
1656	67 47 13	151 51 11	N	500	N	15.0	1,500	20,000	>20,000	500	N
1657	67 53 8	151 32 51	N	1,000	N	N	200	300	2,000	N	N
1658	67 54 48	151 35 10	N	N	N	N	200	300	N	N	N
1659	67 55 27	151 32 44	N	N	N	N	100	200	N	N	N
1662	67 57 1	151 34 20	N	N	N	N	100	100	5,000	N	N
1664	67 58 53	151 32 45	N	N	N	N	100	50	700	N	N
1665	67 57 40	151 42 44	N	N	N	10.0	100	<20	2,000	<50	N
1666	67 57 24	151 42 5	N	N	N	5.0	100	<20	2,000	50	N
1667	67 58 25	151 42 34	N	N	N	N	100	100	N	N	N
1668	67 58 58	151 55 10	N	N	N	N	150	100	500	N	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
2122	5.0	15	70	30	100	N	10,000	N	100	3.00	70	.30
2260	7.0	20	70	100	<10	N	10,000	N	20	7.00	200	.50
					Wiseman D42--continued							
775C	2.0	50	100	500	N	<20	10,000	N	70	10.00	200	.15
776C	2.0	70	100	200	N	N	>10,000	N	70	20.00	300	.10
777C	2.0	50	70	150	N	N	>10,000	N	20	20.00	200	.10
778C	10.0	100	150	500	N	N	2,000	<2	100	1.50	200	.70
780C	3.0	30	50	150	N	N	>10,000	N	30	10.00	300	.20
781C	3.0	50	50	500	N	N	>10,000	N	50	10.00	500	.20
784C	7.0	30	100	1,500	N	N	700	<2	100	1.00	200	3.00
785C	5.0	50	N	1,000	N	20	5,000	N	100	2.00	700	.20
786C	2.0	30	50	500	N	20	>10,000	<2	100	7.00	500	.10
787C	3.0	30	100	500	N	<20	>10,000	N	50	10.00	500	.10
788C	7.0	50	200	500	N	N	>10,000	<2	150	5.00	500	.07
789C	1.0	15	70	100	N	N	>10,000	<2	30	7.00	300	.07
790C	5.0	50	50	700	N	<20	>10,000	N	50	1.50	300	.10
791C	1.5	10	20	500	N	<20	10,000	<2	50	10.00	500	.10
792C	5.0	50	50	500	N	<20	>10,000	N	50	5.00	300	.07
793C	2.0	15	150	200	N	N	>10,000	N	20	15.00	500	.10
794C	3.0	50	100	500	N	<20	>10,000	<2	70	1.50	300	.10
795C	7.0	70	150	150	N	N	>10,000	N	30	2.00	300	.07
796C	7.0	50	100	150	N	N	>10,000	<2	50	2.00	300	.07
797C	5.0	50	100	500	N	N	>10,000	N	50	1.00	300	.10
1172	5.0	50	100	700	N	N	1,000	<2	150	.50	300	.15
1173	7.0	50	100	200	N	N	1,000	<2	100	.50	500	.70
1174C	10.0	200	200	50	N	N	10,000	<2	30	1.50	N	.50
1175C	3.0	50	70	500	N	N	>10,000	<2	100	7.00	200	.20
1176C	2.0	50	70	500	N	20	5,000	2	150	2.00	200	.20
1177C	2.0	20	50	200	10	N	>10,000	<2	70	5.00	150	.20
1652	3.0	200	50	70	N	N	5,000	<2	50	20.00	100	.10
1653	1.0	<10	20	70	N	N	2,000	<2	500	20.00	200	.10
1654	5.0	50	50	100	N	N	>10,000	<2	150	20.00	100	.20
1655	1.0	<10	20	70	N	N	1,500	<2	50	10.00	200	.10
1656	10.0	200	150	70	N	N	>10,000	<2	100	10.00	200	.15
1657	2.0	30	70	500	N	<20	>10,000	<2	300	5.00	300	.20
1658	10.0	50	100	500	N	N	2,000	<2	300	1.50	200	.20
1659	5.0	20	100	100	N	N	700	<2	50	5.00	200	.20
1662	3.0	20	70	200	N	N	>10,000	<2	300	5.00	1,000	.10
1664	3.0	15	70	150	N	N	>10,000	<2	200	2.00	200	.10
1665	1.0	<10	100	200	N	N	>10,000	<2	100	30.00	1,000	.50
1666	1.0	<10	70	100	N	N	>10,000	<2	100	20.00	1,000	.50
1667	2.0	10	50	100	N	N	>10,000	<2	70	3.00	100	.10
1668	2.0	20	100	500	N	N	>10,000	<2	200	3.00	200	.15

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
2122	300	200	N	500	>2.00	N	500	500	300	500
2260	1,000	50	<10	2,000	>2.00	N	100	N	150	>2,000
				Wiseman D4--continued						
775C	300	<50	30	700	>2.00	N	150	N	300	>2,000
776C	500	<50	30	500	1.50	N	50	N	500	>2,000
777C	300	<50	20	700	2.00	N	50	N	300	>2,000
778C	2,000	<50	30	300	2.00	N	150	N	200	>2,000
780C	700	50	15	1,000	>2.00	N	150	N	300	>2,000
781C	500	50	20	1,000	>2.00	N	150	N	500	>2,000
784C	2,000	50	20	200	>2.00	N	150	N	300	>2,000
785C	300	50	70	700	>2.00	N	200	N	500	>2,000
786C	500	70	50	700	>2.00	N	150	N	500	>2,000
787C	200	50	50	1,000	>2.00	N	150	N	500	>2,000
788C	500	50	50	1,000	>2.00	N	150	N	300	>2,000
789C	200	<50	10	1,000	1.50	N	100	N	300	2,000
790C	300	70	50	700	>2.00	N	200	N	200	>2,000
791C	200	<50	50	1,000	>2.00	N	200	N	500	>2,000
792C	200	50	50	1,000	>2.00	N	200	N	200	>2,000
793C	100	N	10	1,500	.10	N	200	N	700	500
794C	150	70	70	1,000	>2.00	N	200	N	200	>2,000
795C	150	<50	30	1,000	>2.00	N	100	N	200	>2,000
796C	200	50	30	1,000	>2.00	N	150	N	200	>2,000
797C	150	50	50	1,000	>2.00	N	200	N	200	>2,000
1172	1,500	50	30	500	>2.00	N	150	N	200	>2,000
1173	2,000	<50	30	500	>2.00	N	150	N	150	>2,000
1174C	1,000	N	<10	700	.50	N	100	N	50	700
1175C	1,000	50	30	700	>2.00	N	200	N	200	>2,000
1176C	1,000	70	70	500	>2.00	N	200	N	500	>2,000
1177C	500	N	10	700	.50	N	150	--	--	--
1652	200	<50	<10	1,000	.50	N	50	N	500	200
1653	200	<50	N	1,000	1.50	N	70	N	700	>2,000
1654	500	<50	N	1,000	1.50	N	70	N	700	2,000
1655	200	<50	<10	1,000	1.00	N	100	N	500	2,000
1656	200	<50	N	1,000	1.00	N	70	N	500	2,000
1657	200	50	<10	1,000	>2.00	N	200	N	200	>2,000
1658	1,000	50	<10	200	>2.00	N	200	N	200	>2,000
1659	500	50	<10	500	>2.00	N	200	N	300	>2,000
1662	500	50	20	700	>2.00	N	200	N	500	>2,000
1664	500	<50	20	700	>2.00	N	200	N	200	>2,000
1665	150	N	<10	1,000	.10	N	200	N	1,500	150
1666	150	N	<10	1,000	.10	N	150	N	1,000	200
1667	200	50	<10	500	>2.00	N	200	N	200	>2,000
1668	300	100	30	700	>2.00	N	300	N	300	>2,000

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
1669	67 58 41	151 57 15	N	N	N	N	100	100	N	N	N
1670	67 58 32	151 41 34	N	N	N	N	100	300	N	N	N
1968	67 52 34	151 43 16	N	N	N	N	150	<20	N	N	N
1969	67 54 56	151 49 48	N	N	N	N	50	500	N	N	N
1970	67 53 14	151 56 59	N	N	N	N	100	3,000	1,000	N	N
1971	67 51 55	151 59 11	N	1,500	N	N	200	2,000	10,000	N	N
1974	67 56 14	151 59 35	N	1,000	N	<1.0	150	5,000	1,000	N	N
1975	67 56 18	151 58 41	N	2,000	N	<1.0	150	3,000	N	N	<20
					Wiseman D5--continued						
733C	67 47 46	152 22 54	N	N	N	2.0	3,000	300	1,500	70	N
735C	67 51 12	152 16 50	N	N	N	1.0	500	500	700	<50	N
737C	67 51 24	152 17 34	N	N	N	N	2,000	200	3,000	50	N
739C	67 50 12	152 19 37	N	N	N	1.0	1,500	300	N	N	N
741C	67 50 41	152 3 9	N	N	N	10.0	5,000	5,000	>20,000	300	<20
743C	67 50 56	152 2 58	N	N	N	3.0	1,500	500	2,000	50	N
744C	67 47 32	152 20 43	N	N	N	5.0	7,000	1,500	5,000	150	N
745C	67 52 25	152 12 4	N	N	N	200.0	1,500	10,000	5,000	150	30
746C	67 48 33	152 19 56	N	N	N	7.0	2,000	7,000	3,000	50	N
747C	67 52 31	152 11 10	N	N	N	7.0	1,000	1,500	3,000	150	N
748C	67 54 42	152 14 40	N	N	N	N	1,500	200	N	N	N
750C	67 56 4	152 10 58	N	N	N	5.0	500	1,500	2,000	100	N
751C	67 57 50	152 4 11	N	N	N	10.0	300	1,500	2,000	<50	N
753C	67 57 42	152 4 49	N	N	N	15.0	700	1,500	500	N	N
779C	67 49 24	152 0 30	N	N	N	1.5	3,000	1,500	5,000	100	N
798C	67 58 17	152 0 33	N	N	N	5.0	150	200	500	<50	N
799C	67 58 50	152 0 33	N	N	N	N	300	100	N	N	N
800C	67 57 40	152 3 49	N	N	N	5.0	1,000	3,000	N	N	N
801C	67 58 14	152 12 1	N	N	N	N	200	500	1,000	<50	N
802C	67 57 26	152 16 0	N	N	N	5.0	150	300	N	N	N
803C	67 57 40	152 16 1	N	N	N	N	150	100	N	N	N
822	67 46 34	152 23 51	N	N	N	N	5,000	300	2,000	150	N
823C	67 48 2	152 28 58	N	N	N	5.0	2,000	1,000	1,500	<50	N
824C	67 46 44	152 11 45	N	N	N	3.0	5,000	300	2,000	100	N
1178	67 53 57	152 28 55	N	N	N	N	70	100	<500	N	N
1178C	67 53 57	152 28 55	--	--	--	--	--	--	--	--	--
1179	67 56 51	152 20 16	N	<500	N	2.0	100	5,000	1,000	N	N
1179C	67 56 51	152 20 16	--	--	--	--	--	--	--	--	--
1180	67 56 30	152 20 20	N	N	N	N	200	50	N	<50	N
1180C	67 56 30	152 20 20	--	--	--	--	--	--	--	--	--

Table 6. Spectrographic Analyses for Heavy-Mineral Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe pct. s	Co ppm s	Ni ppm s	Cr ppm s	Mo ppm s	Sn ppm s	Ba ppm s	Be ppm s	B ppm s	Ca pct. s	La ppm s	Mg pct. s
1669	7.0	20	100	200	N	<20	>10,000	<2	300	1.00	200	.10
1670	2.0	15	50	200	N	N	5,000	<2	150	5.00	500	.10
1968	1.0	<10	20	150	N	N	1,500	N	100	5.00	100	.15
1969	.5	<10	20	70	N	N	>10,000	<2	30	15.00	300	.20
1970	1.0	15	20	200	N	N	>10,000	100	100	5.00	200	.15
1971	1.5	<10	20	50	N	N	>10,000	<2	100	20.00	100	.10
1974	1.5	20	20	500	N	<20	>10,000	<2	100	5.00	300	.20
1975	1.0	10	20	200	N	<20	>10,000	<2	70	5.00	500	.20
					Wiseman D5--continued							
733C	5.0	50	100	500	N	N	>10,000	<2	200	7.00	300	.10
735C	5.0	30	100	500	N	N	10,000	<2	100	7.00	200	.10
737C	5.0	50	70	300	N	20	>10,000	<2	100	5.00	300	.10
739C	5.0	50	70	200	N	<20	>10,000	<2	150	10.00	500	.10
741C	5.0	150	150	300	N	N	>10,000	N	100	5.00	200	.10
743C	3.0	30	70	700	<10	20	>10,000	N	100	10.00	300	.20
744C	7.0	200	150	500	N	<20	>10,000	2	150	10.00	200	.20
745C	20.0	100	200	100	N	N	>10,000	<2	30	2.00	200	.07
746C	20.0	100	200	100	N	N	>10,000	N	50	3.00	200	.07
747C	15.0	70	150	150	N	N	>10,000	<2	50	10.00	150	.10
748C	5.0	50	100	700	N	20	7,000	30	200	7.00	300	.10
750C	5.0	50	150	700	N	20	10,000	N	50	5.00	300	.10
751C	20.0	100	300	100	N	N	>10,000	N	20	.70	150	.05
753C	20.0	100	300	150	N	N	>10,000	N	50	.50	200	.05
779C	2.0	70	100	150	N	<20	>10,000	N	30	15.00	300	.07
798C	5.0	50	100	500	N	N	>10,000	N	50	1.00	300	.07
799C	10.0	30	100	700	N	<20	>10,000	<2	70	.10	200	.10
800C	10.0	100	200	700	<10	N	>10,000	<2	70	.70	300	.15
801C	10.0	50	100	700	N	N	2,000	3	200	.50	300	.15
802C	5.0	50	50	1,000	N	200	1,500	<2	200	.70	200	.15
803C	5.0	30	50	500	N	30	>10,000	<2	200	1.00	200	.15
822	5.0	70	100	150	N	N	>10,000	<2	100	.70	500	.15
823C	7.0	70	150	500	N	N	>10,000	<2	150	5.00	200	.20
824C	7.0	100	150	300	N	N	>10,000	<2	150	7.00	300	.70
1178	2.0	10	50	150	N	N	3,000	N	100	10.00	200	.15
1178C	--	--	--	--	--	--	--	--	--	--	--	--
1179	1.5	30	50	500	N	20	2,000	<2	150	3.00	500	.20
1179C	--	--	--	--	--	--	--	--	--	--	--	--
1180	5.0	15	50	100	N	N	7,000	<2	100	2.00	200	.10
1180C	--	--	--	--	--	--	--	--	--	--	--	--

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1669	300	70	30	5,000	>2.00	N	300	N	300	>2,000
1670	300	70	30	1,000	>2.00	N	200	N	500	>2,000
1968	150	50	N	500	>2.00	N	200	N	300	>2,000
1969	150	<50	N	5,000	.30	N	100	N	700	1,500
1970	150	70	N	2,000	>2.00	N	200	N	500	>2,000
1971	200	70	N	1,000	>2.00	N	200	N	700	>2,000
1974	150	50	<10	1,000	>2.00	N	200	N	300	>2,000
1975	150	50	<10	700	>2.00	N	200	N	500	>2,000
				Wiseman D5--continued						
733C	300	70	20	1,000	>2.00	N	200	N	200	>2,000
735C	300	50	15	1,000	>2.00	N	100	N	700	>2,000
737C	200	50	20	700	>2.00	N	150	N	200	>2,000
739C	200	50	15	700	>2.00	N	100	N	200	>2,000
741C	200	70	15	500	>2.00	N	150	N	500	>2,000
743C	300	50	20	1,000	>2.00	N	200	N	300	>2,000
744C	500	<50	20	700	>2.00	N	100	N	300	2,000
745C	100	<50	20	700	2.00	N	70	N	200	>2,000
746C	200	<50	15	700	2.00	N	100	N	200	>2,000
747C	200	<50	10	1,000	2.00	N	150	N	200	>2,000
748C	500	50	50	700	>2.00	N	200	N	300	>2,000
750C	200	50	50	700	>2.00	N	150	N	500	>2,000
751C	200	<50	20	700	2.00	N	100	N	200	>2,000
753C	500	50	15	500	>2.00	N	100	N	150	>2,000
779C	300	<50	15	700	1.50	N	50	N	300	>2,000
798C	200	50	70	1,000	>2.00	N	150	N	300	>2,000
799C	300	50	50	500	>2.00	N	150	N	300	>2,000
800C	300	50	50	500	>2.00	N	150	N	200	>2,000
801C	1,500	50	70	700	>2.00	N	200	N	200	>2,000
802C	1,000	50	70	500	>2.00	N	150	N	200	>2,000
803C	700	50	50	500	>2.00	N	150	N	200	>2,000
822	300	<50	15	700	2.00	N	100	N	150	>2,000
823C	700	<50	50	500	2.00	N	150	N	100	>2,000
824C	1,500	<50	50	700	2.00	N	150	N	150	2,000
1178	300	<50	N	1,000	2.00	N	150	N	300	>2,000
1178C	--	--	--	--	--	--	--	--	--	--
1179	300	50	<10	1,000	>2.00	N	200	N	200	>2,000
1179C	--	--	--	--	--	--	--	--	--	--
1180	200	50	N	200	>2.00	N	100	N	150	>2,000
1180C	--	--	--	--	--	--	--	--	--	--

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
1671	67 59 54	152 20 44	N	N	N	N	150	500	1,000	N	N
1672	67 54 9	152 12 28	N	N	N	N	100	20	3,000	<50	N
1830	67 54 38	152 23 24	N	N	N	2.0	150	1,000	7,000	<50	N
1831	67 56 14	152 28 3	<200	N	N	N	150	2,000	N	N	N
1832	67 56 8	152 27 41	N	N	N	N	70	50	2,000	N	N
1972	67 51 9	152 7 2	N	1,000	N	N	500	70	N	N	N
1973	67 51 28	152 6 30	N	1,000	N	20.0	150	15,000	20,000	100	20
1976	67 52 48	152 6 24	N	N	N	30.0	300	50,000	20,000	N	50
1977	67 53 12	152 6 36	N	N	N	N	20	2,000	3,000	N	N
1978	67 49 5	152 13 10	N	500	N	N	50	100	2,000	N	N
1979	67 51 36	152 25 49	N	N	N	N	500	30	5,000	N	N
1980	67 51 24	152 29 10	N	N	N	N	100	200	2,000	N	N
					Wiseman D6--continued						
825C	67 48 6	152 32 24	N	500	N	3.0	1,500	1,500	5,000	100	N
826C	67 50 43	152 34 40	N	N	N	N	2,000	500	3,000	150	N
827C	67 51 30	152 35 31	N	N	N	5.0	5,000	1,500	10,000	100	N
828C	67 51 22	152 39 36	N	N	N	1.0	3,000	1,500	7,000	150	N
829C	67 51 30	152 40 3	N	N	N	5.0	3,000	1,000	5,000	100	N
830	67 53 0	152 42 18	N	N	N	N	5,000	200	5,000	50	N
831C	67 56 29	152 47 16	N	N	N	15.0	10,000	15,000	>20,000	150	50
832C	67 57 28	152 50 3	N	N	N	2.0	3,000	1,500	7,000	50	N
833	67 57 36	152 49 31	N	N	N	3.0	5,000	1,500	500	50	N
834C	67 57 54	152 55 5	N	N	N	N	300	1,000	5,000	<50	N
835C	67 58 7	152 54 55	N	N	N	N	3,000	1,500	10,000	150	N
836	67 55 43	152 49 20	N	N	N	5.0	3,000	3,000	10,000	100	N
837	67 54 37	152 55 49	N	N	N	2.0	1,500	500	5,000	50	N
838	67 54 49	152 56 11	N	N	N	3.0	3,000	1,500	20,000	200	N
839	67 48 27	152 58 17	N	N	N	<1.0	5,000	700	15,000	150	N
840	67 48 22	152 58 49	N	N	N	1.0	5,000	500	1,000	<50	N
841C	67 48 10	152 58 10	N	N	N	5.0	5,000	1,000	1,500	100	N
842C	67 47 35	152 54 37	N	N	N	3.0	1,000	2,000	700	100	N
843C	67 47 21	152 53 20	N	N	N	5.0	5,000	1,000	1,000	50	N
844C	67 47 5	152 52 30	N	N	N	2.0	3,000	300	1,000	<50	N
845C	67 47 9	152 53 25	N	N	N	7.0	3,000	7,000	700	<50	N
1181	67 54 53	152 30 31	N	N	N	N	100	20	7,000	100	N
1181C	67 54 53	152 30 31	--	--	--	--	--	--	--	--	--
1182C	67 54 44	152 31 28	N	N	N	1.5	150	1,000	500	N	N
1183	67 52 26	152 32 1	N	N	N	5.0	100	2,000	1,500	<50	<20
1184C	67 56 17	152 40 48	N	N	N	N	10	200	<500	N	N
1185	67 57 22	152 42 24	N	N	N	N	20	30	N	N	N
1186C	67 58 26	152 36 21	N	N	N	N	10	100	N	N	N
1187	67 50 15	152 50 19	N	N	N	1.0	300	100	2,000	50	N
1188	67 50 18	152 46 20	N	N	N	1.5	1,500	1,500	5,000	100	N

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1671	2.0	30	70	700	N	<20	>10,000	<2	200	5.00	500	.20
1672	1.0	10	50	300	N	N	3,000	50	100	5.00	500	.10
1830	7.0	50	70	200	N	N	3,000	N	70	2.00	50	.10
1831	1.5	10	50	200	N	N	1,500	<2	100	3.00	150	.10
1832	1.5	10	30	200	N	N	2,000	<2	100	2.00	150	.15
1972	.5	<10	10	200	N	N	3,000	<2	50	20.00	500	.10
1973	.5	15	10	50	N	N	>10,000	<2	100	10.00	500	.07
1976	2.0	100	50	70	N	N	>10,000	<2	20	7.00	50	.05
1977	1.0	<10	20	100	N	N	>10,000	150	100	15.00	200	.10
1978	1.0	<10	10	100	N	N	>10,000	<2	30	30.00	100	.10
1979	.7	<10	10	100	N	N	200	N	50	10.00	50	.10
1980	2.0	<10	50	150	N	N	2,000	N	50	10.00	150	.20
					Wiseman D6--continued							
825C	20.0	100	300	100	30	N	>10,000	N	100	2.00	150	.15
826C	7.0	70	100	700	N	<20	>10,000	<2	150	7.00	200	.50
827C	10.0	100	100	200	N	N	10,000	<2	100	2.00	150	1.00
828C	10.0	70	150	500	N	<20	>10,000	<2	150	3.00	500	.70
829C	15.0	100	300	150	10	N	>10,000	N	100	3.00	2,000	.30
830	7.0	50	100	300	N	N	2,000	<2	100	1.50	300	.15
831C	10.0	150	200	200	N	N	>10,000	<2	70	.50	200	.30
832C	10.0	70	150	500	N	N	2,000	<2	300	1.50	300	.20
833	7.0	70	100	500	N	N	>10,000	<2	100	.50	500	.10
834C	3.0	50	50	700	N	<20	2,000	<2	200	.50	300	.10
835C	7.0	100	100	1,000	N	<20	3,000	<2	200	1.00	300	.10
836	5.0	100	150	200	N	100	>10,000	<2	100	.70	300	.20
837	5.0	70	100	200	N	70	>10,000	<2	100	.70	300	.15
838	5.0	70	100	1,000	N	N	>10,000	<2	100	.50	300	.20
839	5.0	200	150	150	<10	N	>10,000	<2	70	3.00	300	.20
840	7.0	70	100	150	N	N	2,000	<2	70	5.00	200	.20
841C	10.0	100	150	200	N	N	>10,000	<2	200	5.00	1,000	.70
842C	10.0	70	200	300	15	N	>10,000	<2	300	5.00	500	.70
843C	15.0	70	300	100	N	N	>10,000	N	70	5.00	1,000	.20
844C	15.0	100	300	300	N	N	>10,000	<2	150	5.00	500	.30
845C	10.0	70	200	100	N	20	>10,000	N	150	3.00	>2,000	.15
1181	5.0	10	50	300	N	N	2,000	<2	100	2.00	100	.10
1181C	--	--	--	--	--	--	--	--	--	--	--	--
1182C	3.0	20	20	1,000	N	30	2,000	N	100	1.50	200	.20
1183	1.0	15	50	150	N	N	10,000	N	70	2.00	150	.07
1184C	2.0	<10	20	1,000	N	30	500	N	150	1.00	200	.15
1185	1.5	15	20	500	N	<20	700	N	100	1.00	200	.10
1186C	2.0	15	<10	1,000	N	20	700	N	100	1.50	200	.15
1187	3.0	50	70	300	N	20	3,000	N	100	3.00	200	.15
1188	3.0	50	70	300	N	N	>10,000	N	100	3.00	200	.10

Table 6. Spectrographic Analyses for Heavy-Mineral Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1671	300	50	30	700	>2.00	N	300	N	500	>2,000
1672	200	50	<10	500	>2.00	N	200	N	200	>2,000
1830	200	50	N	200	>2.00	N	100	N	150	1,000
1831	200	50	N	500	>2.00	N	200	N	200	>2,000
1832	300	<50	N	300	1.50	N	150	N	100	2,000
1972	150	50	<10	1,500	>2.00	N	200	N	500	>2,000
1973	100	<50	N	1,500	.70	N	100	N	500	1,500
1976	150	<50	N	2,000	>2.00	N	150	N	200	>2,000
1977	200	<50	N	>5,000	>2.00	N	200	N	500	>2,000
1978	200	<50	N	2,000	>2.00	N	150	N	700	>2,000
1979	150	<50	N	1,500	>2.00	N	100	N	300	1,500
1980	150	50	N	700	>2.00	N	200	N	300	>2,000
				Wiseman D6--continued						
825C	700	<50	20	500	2.00	N	100	N	100	700
826C	1,000	50	50	500	>2.00	N	100	N	200	>2,000
827C	1,000	<50	50	1,500	2.00	N	100	N	150	1,500
828C	1,000	<50	50	500	2.00	N	100	N	200	>2,000
829C	300	<50	15	700	2.00	N	70	N	200	1,000
830	1,000	50	30	500	>2.00	N	100	N	200	>2,000
831C	500	<50	20	1,500	1.50	N	100	N	150	>2,000
832C	1,500	50	50	1,000	>2.00	N	150	N	150	2,000
833	700	50	30	500	>2.00	N	150	N	200	>2,000
834C	500	<50	70	1,000	>2.00	N	200	<100	500	>2,000
835C	1,000	50	70	1,000	>2.00	N	150	N	300	>2,000
836	1,000	50	20	1,000	>2.00	N	100	N	200	>2,000
837	1,000	50	20	700	>2.00	N	100	N	150	>2,000
838	2,000	50	30	700	>2.00	N	150	N	200	>2,000
839	1,000	<50	15	700	>2.00	N	100	N	200	>2,000
840	1,500	<50	15	700	>2.00	N	100	N	200	1,500
841C	1,000	<50	20	700	2.00	N	150	N	500	2,000
842C	1,500	50	30	1,000	>2.00	N	150	N	300	2,000
843C	1,000	<50	10	1,000	>2.00	N	100	N	200	>2,000
844C	700	50	20	1,000	>2.00	N	150	N	150	2,000
845C	200	N	20	N	1.00	N	70	N	200	>2,000
1181	1,000	<50	N	500	>2.00	N	150	N	150	>2,000
1181C	--	--	--	--	--	--	--	--	--	--
1182C	300	50	50	500	>2.00	N	200	N	200	>2,000
1183	200	50	10	500	>2.00	N	100	N	150	>2,000
1184C	200	50	50	500	>2.00	N	200	N	200	>2,000
1185	200	50	50	500	>2.00	N	100	N	200	>2,000
1186C	200	50	20	500	>2.00	N	200	N	500	>2,000
1187	300	50	30	700	>2.00	N	100	N	200	>2,000
1188	200	70	20	1,000	>2.00	N	100	N	200	>2,000

Table 6. Spectrographic Analyses for Heavy-Mineral-Concentrate Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	As-ppm s	Au-ppm s	Ag-ppm s	Cu-ppm s	Pb-ppm s	Zn-ppm s	Cd-ppm s	Bi-ppm s
1189C	67 48 36	152 46 26	N	N	N	<1.0	100	1,500	700	<50	N
1833	67 59 59	152 35 37	N	N	N	N	50	20	N	N	N
1834	67 59 39	152 36 2	N	N	N	N	30	<20	N	N	N
1835	67 59 5	152 30 15	N	N	N	N	100	30	N	N	N
1836	67 59 51	152 35 9	N	N	N	N	100	20	N	N	N
1837	67 56 4	152 40 13	N	N	N	N	150	200	700	N	N
1838	67 54 50	152 52 29	N	N	N	15.0	100	7,000	20,000	200	30
1839	67 57 53	152 52 1	N	N	N	N	100	1,000	N	N	N
1840	67 57 22	152 52 26	N	N	N	5.0	1,500	200	>20,000	300	<20
1841	67 58 7	152 58 14	N	N	N	N	100	50	1,000	N	N
1842	67 57 54	152 58 35	N	N	N	N	50	50	N	N	N
1843	67 47 47	152 50 14	N	N	N	N	50	20	N	N	N
1844	67 49 15	152 35 31	N	N	N	2.0	100	5,000	1,000	<50	N

Sample	Fe-pct. s	Co-ppm s	Ni-ppm s	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s
1189C	3.0	50	30	500	N	20	3,000	N	150	3.00	100	.20
1833	1.5	<10	30	100	N	N	300	<2	100	1.50	150	.10
1834	1.5	<10	30	150	N	N	3,000	<2	100	1.50	100	.10
1835	2.0	10	50	300	N	N	500	<2	100	7.00	500	.20
1836	2.0	<10	50	200	N	N	3,000	<2	100	5.00	200	.20
1837	2.0	20	50	700	N	20	500	N	100	5.00	300	.20
1838	2.0	200	50	70	N	N	>10,000	N	50	5.00	50	.10
1839	2.0	<10	30	200	N	N	2,000	<2	200	2.00	500	.15
1840	3.0	500	70	70	N	30	3,000	<2	100	2.00	500	.20
1841	2.0	<10	30	200	N	N	1,000	N	100	3.00	200	.20
1842	1.0	10	20	200	N	N	1,000	2	100	5.00	300	.10
1843	1.5	10	20	150	N	N	300	<2	150	5.00	100	.20
1844	5.0	50	100	20	10	N	>10,000	N	100	2.00	100	.10

Sample	Mn-ppm s	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1189C	300	50	50	500	>2.00	N	150	N	300	>2,000
1833	300	<50	N	200	2.00	N	100	N	150	>2,000
1834	300	<50	N	200	>2.00	N	150	N	100	2,000
1835	1,000	50	<10	1,000	>2.00	N	150	N	300	>2,000
1836	200	50	<10	500	>2.00	N	200	N	200	>2,000
1837	200	50	<10	500	>2.00	N	300	N	200	>2,000
1838	150	<50	N	500	>2.00	N	100	N	100	2,000
1839	300	50	N	500	>2.00	N	200	N	150	>2,000
1840	300	<50	N	500	>2.00	N	100	N	150	>2,000
1841	300	<50	N	500	>2.00	N	150	N	200	>2,000
1842	200	50	N	700	>2.00	N	150	N	100	>2,000
1843	200	50	N	500	>2.00	N	150	N	150	>2,000
1844	300	<50	N	1,000	2.00	N	100	N	100	>2,000

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska.

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

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
					Wiseman A1						
1845	67 14 18	150 17 25	N	N	N	35	--	--	N	N	.5
1845A	67 14 18	150 17 25	N	N	N	10	--	--	N	N	N
1847	67 5 27	150 29 59	N	N	N	5	--	--	N	N	<.5
1847A	67 5 27	150 29 59	N	N	N	5	--	--	N	N	N
					Wiseman A2--continued						
1848	67 1 17	150 33 38	N	N	N	10	--	--	N	N	N
2031A	67 13 26	150 52 5	N	N	N	N	--	--	N	N	N
2031B	67 13 26	150 52 5	N	N	N	N	--	--	N	N	N
					Wiseman A3--continued						
180	67 10 31	151 11 57	N	--	N	--	--	--	N	--	N
181	67 8 41	151 11 4	N	--	N	--	--	--	N	--	N
182	67 13 9	151 12 9	N	--	N	--	--	--	N	--	N
183	67 12 33	151 11 32	N	--	N	--	--	--	N	--	N
2008B	67 14 39	151 19 37	N	N	N	30	--	--	N	N	N
2009A	67 12 10	151 15 21	N	N	N	20	--	--	N	N	N
2009B	67 12 1	151 15 10	N	N	N	30	--	--	N	N	N
2009C	67 12 10	151 15 21	N	N	N	25	--	--	N	N	N
					Wiseman A4--continued						
5	67 14 36	151 41 2	N	--	N	--	--	--	N	--	N
48	67 13 34	151 34 13	N	--	N	--	--	--	N	--	N
49	67 13 34	151 34 13	N	--	N	--	--	--	N	--	N
50	67 14 56	151 34 41	N	--	N	--	--	--	N	--	N
51	67 14 56	151 34 41	300	--	>10,000	--	--	--	15	--	15.0
186	67 13 52	151 34 45	N	--	300	--	--	--	N	--	N
187	67 14 25	151 34 40	N	--	N	--	--	--	N	--	N
188	67 11 33	151 33 2	N	--	N	--	--	--	N	--	N
189	67 11 9	151 37 10	N	--	N	--	--	--	N	--	N
190	67 11 34	151 37 31	N	--	N	--	--	--	N	--	N
212	67 11 6	151 50 28	N	--	N	--	--	--	N	--	N
379	67 14 55	151 35 13	N	--	N	--	N	--	N	--	N
1018	67 14 43	151 35 38	N	N	N	5	--	--	N	N	N
					Wiseman A5--continued						
46	67 11 46	152 9 53	N	--	N	--	--	--	N	--	N
47	67 11 43	152 3 53	N	--	N	--	--	--	N	--	N
70	67 13 53	152 25 47	N	--	N	--	--	--	N	--	N
77	67 6 29	152 16 56	N	--	N	--	--	--	N	--	N
78	67 6 23	152 18 4	N	--	N	--	--	--	N	--	N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
					Wiseman A1						
1845	30	20	N	110.0	N	.70	N	--	2.00	15	50
1845A	15	10	<200	180.0	N	.30	N	--	2.00	10	50
1847	50	<10	N	100.0	N	.20	N	--	3.00	20	70
1847A	30	10	N	190.0	N	.40	N	--	3.00	20	50
					Wiseman A2--continued						
1848	10	10	N	80.0	N	.20	N	--	1.00	10	50
2031A	N	N	N	5.0	N	.10	N	--	.70	N	<5
2031B	7	10	N	60.0	N	.20	N	--	5.00	20	50
					Wiseman A3--continued						
180	30	20	200	100.0	N	--	N	--	5.00	20	70
181	150	20	300	360.0	N	--	N	--	7.00	20	10
182	50	20	<200	80.0	N	--	N	--	5.00	20	100
183	70	20	N	25.0	N	--	N	--	3.00	20	50
2008B	50	10	N	110.0	N	.20	N	N	3.00	20	50
2009A	10	30	N	10.0	N	.10	N	N	.15	N	N
2009B	50	20	<200	60.0	N	.30	N	N	3.00	15	30
2009C	100	10	N	35.0	N	.50	N	N	3.00	10	30
					Wiseman A4--continued						
5	50	30	<200	55.0	N	--	N	--	5.00	15	70
48	100	10	<200	40.0	N	--	N	--	10.00	50	150
49	70	<10	<200	30.0	N	--	N	--	2.00	15	30
50	100	50	300	200.0	N	--	N	--	3.00	15	50
51	300	70	200	15.0	N	--	50	--	20.00	50	50
186	100	50	200	140.0	N	--	N	--	5.00	15	50
187	200	50	N	55.0	N	--	N	--	5.00	30	70
188	30	20	<200	75.0	N	--	N	--	3.00	10	30
189	100	20	<200	100.0	N	--	N	--	5.00	10	50
190	50	20	<200	75.0	N	--	N	--	3.00	10	30
212	100	20	N	55.0	N	--	N	--	10.00	70	100
379	10	20	<200	5.0	N	--	N	--	3.00	10	<5
1018	150	N	N	70.0	N	.05	N	N	7.00	15	N
					Wiseman A5--continued						
46	30	30	<200	35.0	N	--	N	--	2.00	10	70
47	70	20	200	90.0	N	--	N	--	10.00	15	70
70	100	30	<200	65.0	N	--	N	--	5.00	20	30
77	300	<10	N	65.0	N	--	N	--	5.00	20	30
78	200	<10	N	60.0	N	--	N	--	10.00	50	150

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
					Wiseman A1					
1845	30	7	N	1,000	1.5	100	.07	<20	.50	200
1845A	30	N	N	150	1.0	30	.07	N	.30	200
1847	100	N	N	700	1.0	50	.70	N	1.50	500
1847A	70	N	N	200	1.5	100	.15	N	.50	200
					Wiseman A2--continued					
1848	30	N	N	100	1.0	30	.20	N	.50	200
2031A	10	N	N	<20	1.0	<10	1.00	N	.15	150
2031B	200	N	N	<20	1.0	<10	2.00	N	2.00	1,000
					Wiseman A3--continued					
180	200	N	N	500	1.5	70	.05	70	1.50	500
181	<10	N	N	1,000	1.5	10	5.00	70	3.00	3,000
182	200	N	N	500	2.0	100	.70	70	2.00	1,000
183	200	N	N	100	1.0	<10	1.50	70	2.00	1,000
2008B	30	N	N	300	<1.0	50	.07	N	1.00	300
2009A	N	N	N	N	N	N	15.00	N	.30	50
2009B	30	N	N	300	<1.0	50	.20	N	1.00	300
2009C	20	N	N	500	1.0	50	.70	N	1.00	700
					Wiseman A4--continued					
5	200	N	N	700	2.0	200	.70	50	2.00	300
48	500	N	N	100	<1.0	20	2.00	50	5.00	1,500
49	70	N	N	500	N	20	.07	50	1.00	300
50	100	N	N	1,500	1.5	200	5.00	50	2.00	300
51	100	N	N	1,000	<1.0	30	1.00	50	.50	200
186	200	N	N	1,500	2.0	100	.05	50	2.00	1,000
187	500	N	N	500	1.0	70	5.00	50	3.00	1,500
188	150	N	N	1,000	2.0	100	.10	50	1.00	500
189	200	N	N	1,000	3.0	200	.10	70	1.50	700
190	200	N	N	1,000	3.0	100	.10	50	1.00	500
212	500	N	N	100	<1.0	30	2.00	100	5.00	2,000
379	50	N	N	N	1.5	<10	5.00	50	1.50	2,000
1018	10	N	N	500	2.0	30	1.00	30	2.00	300
					Wiseman A5--continued					
46	50	20	N	2,000	1.5	50	.20	50	.30	1,000
47	300	N	N	1,000	1.5	70	.10	50	3.00	700
70	150	N	N	500	2.0	100	.30	50	2.00	1,000
77	50	N	N	100	N	20	5.00	50	3.00	1,500
78	200	N	N	50	N	30	7.00	50	5.00	2,000

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
				Wiseman A1					
1845	N	10	N	.150	N	100	N	20	50
1845A	N	7	<100	.200	N	70	N	20	100
1847	N	15	300	.300	N	150	N	20	50
1847A	N	15	<100	.200	N	150	N	30	70
				Wiseman A2--continued					
1848	N	7	<100	.150	N	70	N	20	50
2031A	N	7	200	.010	N	70	N	N	N
2031B	N	20	500	.300	N	100	N	15	50
				Wiseman A3--continued					
180	<20	15	N	.300	N	200	N	20	200
181	<20	30	500	.700	N	50	<50	150	300
182	<20	20	200	.500	N	200	N	50	200
183	<20	15	200	.500	N	100	N	30	500
2008B	N	15	N	.300	N	300	N	20	100
2009A	N	N	300	.015	N	N	N	N	N
2009B	N	10	N	.200	N	150	N	10	100
2009C	N	10	100	.200	N	150	N	20	50
				Wiseman A4--continued					
5	<20	15	200	.300	N	100	N	20	150
48	<20	30	200	.700	N	200	N	50	100
49	<20	10	150	.200	N	150	N	10	100
50	<20	15	2,000	.500	N	200	N	20	150
51	<20	7	300	.150	N	70	N	10	70
186	<20	20	100	.500	N	200	N	20	200
187	<20	30	500	1.000	N	300	N	70	150
188	<20	15	100	.300	N	150	N	10	150
189	<20	20	150	.500	N	300	N	20	200
190	<20	15	100	.500	N	200	N	15	200
212	<20	20	500	>1.000	N	200	N	50	300
379	N	10	300	.150	--	70	N	15	100
1018	N	30	N	>1.000	N	150	N	70	200
				Wiseman A5--continued					
46	<20	7	N	.150	N	300	N	20	150
47	<20	20	100	.500	N	200	N	70	150
70	<20	20	100	.500	N	200	N	20	200
77	<20	30	100	.300	N	200	N	20	50
78	<20	30	100	.500	N	300	<50	20	50

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
79	67 6 16	152 18 30	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
97	67 14 50	152 29 1	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
191	67 4 53	152 28 21	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
192	67 5 36	152 17 46	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
193	67 7 45	152 12 15	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
194	67 9 43	152 6 32	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
195	67 13 43	152 12 0	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
196	67 8 35	152 15 54	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
197	67 9 49	152 19 29	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
198	67 12 51	152 2 47	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
199	67 11 8	152 25 38	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	<.5
200	67 12 11	152 22 46	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
215	67 6 59	152 15 44	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
291	67 6 11	152 7 47	N	[illegible]	N	[illegible]	<10	[illegible]	N	[illegible]	N
1854A	67 3 26	152 6 9	N	N	N	N	[illegible]	[illegible]	N	N	N
2048A	67 3 34	152 5 38	N	N	N	5	[illegible]	[illegible]	N	N	N
2048B	67 3 34	152 5 38	N	N	N	<5	[illegible]	[illegible]	N	N	N
				Wiseman A6--continued							
12	67 13 5	152 37 2	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
13	67 12 52	152 36 19	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
14	67 11 1	152 34 52	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	2.0
27	67 10 28	152 49 1	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
28	67 10 26	152 48 45	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
29	67 11 13	152 49 31	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
30	67 11 13	152 49 31	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
31	67 3 49	152 53 49	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
32	67 3 57	152 53 55	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
85	67 4 25	152 35 57	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
92	67 8 34	152 56 17	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
93	67 8 30	152 56 6	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
94	67 8 22	152 53 37	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
95	67 8 22	152 53 37	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
96	67 8 14	152 53 26	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
100	67 4 9	152 37 52	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
101	67 10 20	152 49 33	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
201	67 5 16	152 43 18	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
202	67 4 3	152 54 0	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	5.0
203	67 4 47	152 54 56	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
204	67 14 21	152 38 16	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
205	67 13 24	152 37 35	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
206	67 11 48	152 36 36	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
207	67 11 1	152 34 52	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
208	67 10 28	152 49 1	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
79	200	<10	<200	80.0	N	--	N	--	10.00	50	150
97	70	30	N	75.0	N	--	N	--	5.00	30	70
191	20	20	N	30.0	N	--	N	--	1.50	<5	20
192	200	<10	N	85.0	N	--	N	--	10.00	50	100
193	15	<10	200	55.0	N	--	N	--	2.00	15	50
194	100	<10	N	30.0	N	--	N	--	5.00	50	200
195	150	10	<200	25.0	N	--	N	--	7.00	50	200
196	50	50	<200	75.0	N	--	N	--	5.00	30	150
197	20	500	N	120.0	N	--	N	--	5.00	20	50
198	<5	50	N	10.0	N	--	N	--	.50	<5	<5
199	300	150	<200	80.0	N	--	N	--	5.00	20	50
200	200	50	200	75.0	N	--	N	--	5.00	20	50
215	500	<10	N	80.0	N	--	N	--	10.00	50	70
291	30	20	<200	95.0	N	--	N	--	3.00	20	100
1854A	30	10	N	70.0	N	.20	N	--	1.50	10	30
2048A	10	<10	N	100.0	N	.30	N	--	2.00	15	30
2048B	10	<10	N	170.0	N	.20	N	--	2.00	15	30
				Wiseman A6--continued							
12	300	30	<200	75.0	N	--	N	--	10.00	<5	10
13	100	20	<200	40.0	N	--	N	--	5.00	10	10
14	70	50	500	430.0	N	--	N	--	2.00	<5	70
27	150	100	500	360.0	N	--	N	--	7.00	30	100
28	10	50	N	30.0	N	--	N	--	1.00	<5	<5
29	300	20	300	190.0	N	--	N	--	15.00	<5	50
30	150	20	200	80.0	N	--	N	--	7.00	<5	20
31	500	<10	200	110.0	N	--	N	--	15.00	70	100
32	200	<10	<200	140.0	N	--	N	--	3.00	10	30
85	500	<10	N	75.0	N	--	N	--	10.00	50	100
92	10	100	N	10.0	N	--	N	--	1.00	N	<5
93	10	50	N	5.0	N	--	N	--	1.00	N	10
94	10	70	N	<5.0	N	--	N	--	.30	N	<5
95	5	30	N	35.0	N	--	N	--	1.50	<5	<5
96	10	30	N	<5.0	N	--	N	--	1.00	<5	<5
100	500	<10	N	75.0	N	--	N	--	10.00	50	100
101	20	30	N	20.0	N	--	N	--	2.00	<5	<5
201	10	<10	<200	15.0	N	--	N	--	.15	<5	10
202	30	<10	<200	35.0	N	--	N	--	.50	<5	10
203	300	20	N	80.0	N	--	N	--	10.00	50	100
204	70	20	<200	85.0	N	--	N	--	7.00	20	50
205	70	20	<200	45.0	N	--	N	--	3.00	15	15
206	<5	50	N	15.0	N	--	N	--	2.00	<5	<5
207	70	50	N	5.0	N	--	N	--	5.00	20	100
208	10	50	N	25.0	N	--	N	--	2.00	<5	<5

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
79	500	N	N	100	N	30	7.00	50	5.00	2,000
97	200	N	N	700	2.0	100	.15	50	2.00	2,000
191	50	N	N	1,000	<1.0	<10	20.00	50	.50	3,000
192	500	N	N	200	<1.0	100	5.00	50	3.00	3,000
193	70	N	N	700	<1.0	50	1.00	50	.30	500
194	1,000	N	N	20	<1.0	20	10.00	<20	5.00	2,000
195	500	N	N	700	N	20	5.00	<20	5.00	1,500
196	200	N	N	700	1.5	50	.15	200	1.00	700
197	100	N	N	1,000	1.5	10	2.00	70	1.50	1,500
198	50	N	N	200	<1.0	N	>20.00	<20	3.00	200
199	150	N	N	500	2.0	100	1.50	50	1.00	2,000
200	200	N	N	1,000	2.0	50	1.50	50	2.00	2,000
215	200	N	N	500	<1.0	20	5.00	<20	5.00	3,000
291	100	N	N	700	1.0	150	<.05	50	.50	200
1854A	30	N	N	200	1.0	70	.20	N	.50	300
2048A	30	N	N	300	1.5	50	.05	N	.50	200
2048B	50	N	N	200	1.5	70	.05	N	.50	200
				Wiseman A6--continued						
12	200	N	N	300	2.0	100	.10	50	1.00	700
13	150	N	N	700	2.0	100	.30	50	1.00	1,000
14	100	20	N	3,000	1.0	100	.05	50	.50	150
27	100	20	N	1,000	1.0	50	.05	50	.70	500
28	20	N	N	200	1.0	15	.15	70	.50	150
29	50	N	N	1,000	1.0	50	<.05	50	.15	100
30	150	<5	N	2,000	2.0	100	<.05	50	.50	50
31	300	N	N	200	<1.0	30	5.00	50	3.00	2,000
32	50	N	N	1,000	1.0	15	5.00	70	3.00	1,000
85	200	N	N	50	N	20	7.00	<20	3.00	2,000
92	20	N	N	2,000	3.0	10	.10	50	.20	500
93	20	N	N	2,000	2.0	10	<.05	70	.50	70
94	<10	N	N	1,000	2.0	10	<.05	100	.10	20
95	<10	N	N	200	3.0	15	.20	100	.70	200
96	<10	N	N	2,000	3.0	20	<.05	70	.10	150
100	300	N	N	200	N	20	5.00	50	5.00	2,000
101	20	N	N	1,500	2.0	10	1.00	70	1.00	300
201	<10	N	N	200	<1.0	<10	15.00	50	.10	200
202	<10	N	N	>5,000	<1.0	10	.10	50	.15	100
203	500	N	N	300	<1.0	10	2.00	50	3.00	2,000
204	150	N	N	500	2.0	100	.07	50	2.00	1,000
205	100	N	N	200	1.5	30	.20	50	1.00	700
206	<10	N	N	500	2.0	20	.20	100	.50	500
207	200	N	N	500	2.0	20	20.00	50	5.00	1,000
208	20	N	N	500	2.0	20	.20	50	.70	200

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
79	<20	30	100	.500	N	300	<50	20	50
97	<20	20	100	.500	N	200	N	50	200
191	N	5	200	.150	N	70	N	30	30
192	<20	50	200	.700	N	300	N	30	150
193	<20	7	150	.200	N	100	N	10	150
194	<20	30	300	.300	N	200	N	30	50
195	<20	30	200	.200	N	200	N	20	20
196	<20	15	N	.500	N	150	N	30	200
197	<20	15	1,000	.300	N	150	N	20	150
198	N	N	1,000	.050	N	20	N	<10	<10
199	<20	20	200	.500	N	200	N	50	300
200	<20	20	200	.500	N	300	N	50	200
215	<20	30	200	.500	N	200	N	20	50
291	<20	15	N	.500	N	200	N	20	150
1854A	N	10	<100	.150	N	100	N	15	50
2048A	N	10	<100	.200	N	100	N	20	50
2048B	N	10	N	.200	N	100	N	15	70
				Wiseman A6--continued					
12	<20	20	100	.500	N	150	N	20	200
13	<20	20	100	.500	N	100	N	20	200
14	<20	10	N	.200	N	1,000	N	20	100
27	<20	15	300	.300	N	200	N	30	150
28	<20	5	200	.150	N	10	N	30	200
29	<20	5	<100	.150	N	100	N	15	100
30	<20	15	<100	.300	N	200	N	20	150
31	<20	50	200	1.000	N	500	N	20	100
32	<20	20	100	.500	N	150	N	30	200
85	<20	50	100	.500	N	500	N	50	100
92	<20	<5	<100	.150	N	<10	N	30	200
93	<20	5	<100	.300	N	50	N	30	300
94	<20	<5	<100	.150	N	<10	N	50	200
95	<20	<5	100	.150	N	<10	N	50	300
96	<20	<5	N	.150	N	<10	N	30	300
100	<20	50	200	.500	N	300	N	30	100
101	<20	5	200	.200	N	30	N	50	300
201	N	N	300	.020	N	10	N	<10	20
202	<20	<5	300	.070	N	200	N	<10	30
203	<20	30	200	.500	N	300	N	30	100
204	<20	20	100	.500	N	200	N	20	150
205	<20	15	100	.300	N	150	N	20	150
206	<20	5	100	.150	N	<10	N	30	200
207	<20	15	500	.200	N	150	N	20	150
208	<20	5	100	.150	N	20	N	50	200

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
209	67 10 34	152 46 39	N	--	N	--	--	--	N	--	N
210	67 14 32	152 53 2	N	--	N	--	--	--	N	--	N
213	67 11 16	152 34 59	N	--	N	--	--	--	N	--	N
214	67 5 16	152 43 18	N	--	N	--	--	--	N	--	N
					Wiseman B1/--continued						
1738	67 28 26	150 13 37	>10,000	--	>10,000	5	--	.40	15	6.20	N
1738A	67 28 26	150 13 37	2,000	1,500	7,000	13,000	--	.55	N	3.60	N
1738B	67 28 26	150 13 37	>10,000	--	7,000	--	--	--	10	--	N
1738C	67 28 26	150 13 37	>10,000	--	10,000	--	--	--	15	--	N
1739	67 27 54	150 8 38	>10,000	--	N	5	--	>10.00	N	.35	N
1739A	67 27 54	150 8 38	>10,000	--	N	20	--	--	10	--	N
1739B	67 27 54	150 8 38	>10,000	--	N	20	--	--	15	--	N
1944	67 29 11	150 5 2	N	N	N	10	--	.02	N	N	<.5
1944A	67 29 11	150 5 2	N	8	N	5	--	.16	N	N	N
1944B	67 29 11	150 5 2	N	<2	N	<5	--	<.02	N	N	N
1956	67 20 57	150 11 51	N	N	N	N	--	--	N	N	N
1956A	67 20 57	150 11 51	N	N	N	N	--	--	N	N	N
1956B	67 20 57	150 11 51	N	N	N	N	--	--	N	N	N
1957	67 20 51	150 12 23	N	<2	N	<5	--	--	N	N	N
2001A	67 21 48	150 21 41	700	240	N	10	--	--	N	N	N
2001B	67 21 48	150 21 41	N	N	N	<5	--	--	N	N	N
2001C	67 21 48	150 21 41	N	N	N	5	--	--	N	N	N
2001D	67 21 48	150 21 41	N	N	N	5	--	--	N	N	N
2001E	67 21 48	150 21 41	N	13	N	15	--	--	N	N	N
2002A	67 21 32	150 22 45	N	3	N	10	--	--	N	N	N
2002B	67 21 32	150 22 45	N	4	N	10	--	--	N	N	N
2002C	67 21 32	150 22 45	N	N	N	20	--	--	N	N	N
2002D	67 21 32	150 22 45	N	6	N	5	--	--	N	N	N
2003A	67 22 5	150 27 10	N	4	N	30	--	--	N	N	N
2003B	67 22 5	150 27 10	N	6	N	30	--	--	N	N	N
2003C	67 22 5	150 27 10	N	6	N	15	--	--	N	N	N
2003D	67 22 5	150 27 10	N	5	N	20	--	--	N	N	N
2004A	67 21 47	150 27 26	N	2	N	30	--	--	N	N	N
2004B	67 21 47	150 27 26	N	4	N	15	--	--	N	<.05	N
2004C	67 21 47	150 27 26	N	5	N	30	--	--	N	N	N
2004D	67 21 47	150 27 26	N	5	N	25	--	--	N	N	N
2005A	67 23 10	150 24 13	N	6	N	15	--	--	N	N	N
2005B	67 23 10	150 24 13	N	5	N	20	--	--	N	N	.5
2005C	67 23 10	150 24 13	N	N	N	20	--	--	N	N	.5
2007A	67 23 27	150 26 26	N	2	N	60	--	--	N	N	N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
209	<5	20	N	40.0	N	--	N	--	5.00	20	10
210	150	20	N	55.0	N	--	N	--	10.00	50	70
213	<5	100	N	<5.0	N	--	N	--	.70	<5	<5
214	200	<10	N	80.0	N	--	N	--	5.00	30	70
					Wiseman Bl--continued						
1738	150	300	N	50.0	N	N	N	N	3.00	15	10
1738A	50	N	N	80.0	N	<.10	N	N	3.00	5	10
1738B	150	200	N	<5.0	N	.40	N	N	2.00	N	N
1738C	150	200	N	<5.0	N	.10	N	N	.20	N	N
1739	100	100	N	65.0	N	N	N	N	.07	N	N
1739A	300	700	N	<5.0	N	.10	N	N	.05	N	N
1739B	200	700	N	<5.0	N	.10	N	N	.10	N	N
1944	100	100	N	20.0	N	N	N	--	1.50	15	30
1944A	7	20	N	35.0	N	N	N	--	1.00	7	20
1944B	<5	<10	N	15.0	N	N	N	--	.50	5	10
1956	<5	50	N	10.0	N	<.10	N	--	.30	N	N
1956A	<5	15	N	25.0	N	.10	N	--	.05	N	N
1956B	N	30	N	5.0	N	N	N	--	.20	N	N
1957	50	10	N	10.0	N	N	N	--	3.00	20	30
2001A	N	N	N	10.0	N	<.10	N	N	.10	N	5
2001B	20	20	N	120.0	N	<.10	N	N	5.00	5	30
2001C	<5	15	N	50.0	N	.60	N	N	.70	N	<5
2001D	N	N	N	10.0	N	.10	N	N	.07	N	<5
2001E	50	70	N	65.0	N	.70	N	N	2.00	7	30
2002A	50	20	<200	70.0	N	.20	N	N	5.00	<5	20
2002B	15	N	N	30.0	N	.10	N	N	1.50	<5	20
2002C	7	N	N	20.0	N	.20	N	N	.50	<5	15
2002D	20	N	N	20.0	N	.20	N	N	.50	N	N
2003A	50	10	N	70.0	N	<.10	N	N	5.00	30	50
2003B	50	15	N	60.0	N	.10	N	N	3.00	10	20
2003C	50	10	<200	60.0	N	.10	N	N	7.00	5	15
2003D	50	20	N	60.0	N	.10	N	N	5.00	10	30
2004A	30	10	N	70.0	N	1.50	N	N	2.00	<5	5
2004B	70	15	<200	160.0	N	2.00	N	N	3.00	5	7
2004C	100	15	N	55.0	N	.20	N	N	7.00	10	20
2004D	50	15	<200	60.0	N	.10	N	N	7.00	5	10
2005A	<5	N	N	10.0	N	.10	N	N	.15	N	7
2005B	50	20	N	180.0	N	1.30	N	N	3.00	7	30
2005C	50	20	N	50.0	N	.40	N	N	1.50	N	5
2007A	70	20	N	50.0	N	.10	N	N	5.00	7	15

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
209	200	N	N	500	1.0	20	5.00	50	3.00	2,000
210	200	N	N	100	1.0	20	5.00	50	3.00	2,000
213	<10	N	N	700	2.0	30	.50	50	.20	200
214	300	N	N	500	<1.0	20	3.00	<20	5.00	2,000
				Wiseman Blk--continued						
1738	N	N	N	200	1.5	50	5.00	N	N	3,000
1738A	N	N	N	70	<1.0	30	.15	N	<.02	700
1738B	N	N	N	70	<1.0	100	1.00	50	.50	1,500
1738C	N	N	N	N	N	N	.20	50	.05	150
1739	N	N	N	N	N	N	N	N	1.50	20
1739A	N	N	N	N	N	10	.10	50	<.02	70
1739B	N	N	N	N	N	50	.15	50	<.02	100
1944	15	N	N	150	1.0	70	.30	N	.20	2,000
1944A	10	N	N	20	<1.0	20	.15	N	.20	1,000
1944B	<10	N	N	70	<1.0	15	.10	N	.10	300
1956	N	N	N	N	N	N	20.00	N	.30	300
1956A	N	N	N	N	N	N	20.00	N	.20	150
1956B	N	N	N	N	N	N	20.00	N	1.00	300
1957	300	N	N	70	<1.0	<10	5.00	N	2.00	700
2001A	N	N	N	N	N	N	N	N	2.00	50
2001B	150	N	N	1,000	1.5	100	.07	N	.10	300
2001C	N	N	N	150	N	N	20.00	N	2.00	100
2001D	N	N	N	N	N	15	2.00	N	.10	50
2001E	50	N	N	1,000	<1.0	70	20.00	N	2.00	500
2002A	150	N	N	1,000	1.5	70	.10	N	.10	150
2002B	20	N	N	300	1.0	20	.10	N	.30	100
2002C	N	N	N	100	N	15	.15	N	.15	50
2002D	N	N	N	150	1.0	20	10.00	150	.15	70
2003A	100	N	N	700	1.0	100	.30	20	1.50	500
2003B	70	N	N	500	<1.0	100	.15	N	1.00	300
2003C	150	N	N	1,500	2.0	200	.30	N	1.50	500
2003D	100	N	N	1,500	2.0	150	.30	N	1.50	500
2004A	50	N	N	300	<1.0	30	.05	N	.30	150
2004B	100	50	N	1,000	2.0	150	.15	N	1.50	300
2004C	150	N	N	1,000	3.0	100	.70	N	1.50	1,000
2004D	100	5	N	1,000	1.5	150	.05	N	1.50	500
2005A	<10	30	N	500	<1.0	30	<.05	N	.20	30
2005B	20	10	N	70	N	50	5.00	N	3.00	1,000
2005C	50	15	N	1,000	1.0	150	.20	N	1.50	150
2007A	100	N	N	700	1.0	150	.30	N	1.50	700

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
209	<20	30	300	.300	N	200	N	30	200
210	<20	30	200	1.000	N	200	N	50	150
213	<20	7	100	.200	N	30	N	50	200
214	<20	20	100	.500	N	200	N	20	50
				Wiseman Bl--continued					
1738	N	20	500	.300	N	70	N	30	100
1738A	N	10	N	.200	N	70	N	30	150
1738B	N	5	200	.200	N	30	N	<10	100
1738C	N	N	N	.010	N	<10	N	N	N
1739	N	N	N	N	N	N	N	N	N
1739A	N	N	N	.010	N	<10	N	N	N
1739B	N	N	N	.020	N	<10	N	N	N
1944	N	10	<100	.100	N	50	N	15	30
1944A	N	<5	N	.050	N	20	N	<10	15
1944B	N	N	N	.020	N	20	N	10	10
1956	N	N	200	.015	N	10	N	N	N
1956A	N	N	150	.010	N	10	N	N	N
1956B	N	N	300	.010	N	10	N	N	N
1957	N	30	200	.300	N	150	N	20	50
2001A	N	N	N	N	N	N	N	N	N
2001B	N	20	N	.300	N	300	N	20	150
2001C	N	N	700	.020	N	N	N	N	N
2001D	N	N	100	N	N	N	N	N	N
2001E	N	10	1,000	.100	N	150	N	20	50
2002A	N	20	100	.300	N	300	N	N	150
2002B	N	5	N	.150	N	70	N	N	50
2002C	N	N	N	.050	N	N	N	N	20
2002D	N	5	300	.070	N	20	N	30	20
2003A	N	30	100	.500	N	200	N	20	200
2003B	N	15	N	.300	N	150	N	N	100
2003C	N	30	100	.700	N	300	N	30	200
2003D	N	30	N	.700	N	300	N	30	200
2004A	N	10	N	.300	N	100	N	N	200
2004B	N	30	100	.700	N	300	N	10	200
2004C	N	30	100	.700	N	200	N	30	300
2004D	N	20	N	.500	N	300	N	N	150
2005A	N	5	N	.100	N	500	N	N	30
2005B	N	7	200	.150	N	150	N	10	50
2005C	N	15	N	.500	N	500	N	<10	100
2007A	N	30	N	.700	N	300	N	20	200

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
82ABE300	67 28 20	150 13 29	N	40	N	15	--	--	N	N	N
82ABE300	67 28 20	150 13 29	>10,000	>100,000	>10,000	1,000	--	--	20	7.00	N
82ABE301	67 27 50	150 8 51	>10,000	>100,000	N	N	--	--	<10	N	N
82ABE344	67 21 30	150 25 26	N	N	N	10	--	--	N	N	N
82ABE344	67 21 30	150 25 26	N	N	N	5	--	--	N	N	N
82ABE345	67 21 58	150 26 25	N	N	N	N	--	--	N	N	N
82ABE346	67 22 43	150 27 46	N	N	N	5	--	--	N	N	N
82ABE346	67 22 43	150 27 46	N	N	N	5	--	--	N	N	N
82ABE348	67 21 39	150 21 37	N	6	N	10	--	--	N	N	N
82ABE350	67 24 0	150 24 26	N	N	N	5	--	--	N	N	N
82TM100A	67 24 7	150 28 58	N	N	N	20	--	--	N	N	N
82TM100B	67 24 7	150 28 58	N	N	N	30	--	--	N	N	N
82TM100C	67 24 7	150 28 58	N	4	N	20	--	--	N	N	N
82TM101A	67 24 9	150 29 56	N	N	N	20	--	--	N	N	N
Wiseman B2--continued											
82ABE268	67 27 29	150 58 48	N	N	N	N	--	--	N	N	N
82ABE275	67 24 9	150 43 27	N	3	N	N	--	--	N	N	N
82ABE276	67 18 25	150 58 43	N	3	N	5	--	--	N	N	N
82ABE276	67 18 15	150 58 32	N	N	N	N	--	--	N	N	N
82ABE276	67 18 15	150 58 32	N	N	N	N	--	--	N	N	N
82ABE278	67 19 56	150 57 17	N	N	N	10	--	--	N	N	N
82ABE280	67 20 7	150 50 33	N	N	N	10	--	--	N	N	N
82ABE303	67 21 38	150 46 48	N	10	N	N	--	--	N	N	N
82ABE307	67 23 54	150 51 31	N	N	N	N	--	--	N	N	N
82ABE309	67 24 50	150 56 21	N	5	N	N	--	--	N	N	N
82ABE310	67 25 9	150 54 25	N	25	N	N	--	--	N	N	N
82ABE312	67 23 11	150 57 5	N	N	N	N	--	--	N	N	N
82ABE343	67 19 2	150 34 45	N	N	N	<5	--	--	N	N	N
82ABE351	67 18 40	150 31 44	N	N	N	5	--	--	N	N	N
82ABE352	67 22 21	150 35 23	N	N	N	20	--	--	N	N	N
82TM61AG	67 21 44	150 58 20	N	N	N	10	--	--	N	N	N
82TM61BG	67 21 44	150 58 20	N	N	N	20	--	--	N	N	N
82TM63AG	67 22 21	150 57 29	N	N	N	10	--	--	N	N	N
82TM64BG	67 21 8	150 51 50	N	N	N	50	--	--	N	N	N
82TM65AG	67 21 51	150 51 20	N	N	N	40	--	--	N	N	N
82TM66AG	67 21 52	150 41 40	N	N	N	20	--	--	N	N	N
82TM66DG	67 21 52	150 41 40	N	N	N	5	--	--	N	N	N
82TM67AG	67 21 30	150 41 45	N	N	N	15	--	--	N	N	N
82TM85AG	67 21 20	150 45 33	N	3	N	25	--	--	N	N	N
82TM85BG	67 21 20	150 45 33	N	3	N	75	--	--	N	N	N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
82ABE300	5	N	N	40.0	N	<.10	N	N	1.50	N	7
82ABE300	50	50	N	80.0	N	<.10	N	N	2.00	10	15
82ABE301	150	200	N	N	N	N	N	N	.15	N	N
82ABE344	150	N	<200	40.0	N	.10	N	N	7.00	50	70
82ABE344	50	10	200	110.0	N	.20	N	N	7.00	30	100
82ABE345	30	10	N	85.0	N	.20	N	N	5.00	15	100
82ABE346	50	20	<200	80.0	N	.30	N	N	3.00	<5	15
82ABE346	7	N	N	5.0	N	N	N	N	.15	N	7
82ABE348	70	10	<200	130.0	N	.10	N	N	5.00	10	50
82ABE350	70	30	200	120.0	N	<.10	N	N	5.00	7	15
82TM100A	100	30	N	45.0	N	.10	N	N	7.00	50	100
82TM100B	10	N	N	15.0	N	<.10	N	N	.15	N	5
82TM100C	30	10	<200	55.0	N	.30	N	N	7.00	30	50
82TM101A	50	10	<200	50.0	N	.10	N	N	7.00	30	50
				Wiseman B2--continued							
82ABE268	70	30	200	140.0	N	.30	N	N	7.00	30	70
82ABE275	10	<10	N	20.0	N	N	N	N	5.00	20	70
82ABE276	15	N	N	15.0	N	N	N	N	3.00	30	70
82ABE276	N	30	N	35.0	N	.40	N	N	1.50	N	15
82ABE276	30	10	<200	100.0	N	.20	N	N	5.00	20	50
82ABE278	100	20	300	165.0	N	.10	N	N	10.00	20	50
82ABE280	10	N	<200	90.0	N	N	N	N	5.00	7	20
82ABE303	30	N	N	60.0	N	N	N	N	5.00	10	10
82ABE307	50	10	N	70.0	N	<.10	N	N	3.00	10	30
82ABE309	5	N	N	65.0	N	.20	N	N	1.00	N	10
82ABE310	50	30	<200	130.0	N	.20	N	N	7.00	50	50
82ABE312	30	10	N	75.0	N	<.10	N	N	5.00	15	20
82ABE343	10	10	<200	85.0	N	.10	N	N	5.00	5	20
82ABE351	50	10	<200	90.0	N	.10	N	N	5.00	20	70
82ABE352	<5	10	N	90.0	N	<.10	N	N	3.00	30	50
82TM61AG	7	N	N	N	N	.10	N	N	.50	N	10
82TM61BG	70	N	<200	35.0	N	.10	N	N	5.00	20	50
82TM63AG	100	N	200	40.0	N	.10	N	N	10.00	15	50
82TM64BG	20	15	<200	40.0	N	.10	N	N	7.00	20	50
82TM65AG	100	10	<200	40.0	N	.10	N	N	7.00	20	50
82TM66AG	15	10	<200	35.0	N	.10	N	N	7.00	10	20
82TM66DG	30	20	200	45.0	N	.10	N	N	7.00	50	70
82TM67AG	70	10	<200	50.0	N	.10	N	N	7.00	15	50
82TM85AG	20	20	<200	50.0	N	.10	N	N	7.00	15	20
82TM85BG	10	10	N	30.0	N	.10	N	N	5.00	10	10

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
82ABE300	N	N	N	150	<1.0	100	.20	N	.70	1,000
82ABE300	N	N	N	300	1.0	100	.50	N	.50	1,000
82ABE301	N	N	N	N	N	20	.05	N	N	100
82ABE344	150	N	N	70	N	<10	7.00	N	5.00	1,500
82ABE344	150	N	N	1,000	2.0	200	.20	50	2.00	700
82ABE345	70	N	N	500	1.0	50	15.00	N	5.00	700
82ABE346	150	15	N	1,000	3.0	200	.70	20	1.50	500
82ABE346	10	10	N	1,000	<1.0	20	<.05	N	.10	20
82ABE348	100	N	N	1,000	2.0	150	.15	N	1.50	500
82ABE350	150	N	N	500	2.0	200	.50	N	1.50	1,000
82TM100A	150	N	N	1,000	3.0	200	.20	100	2.00	1,500
82TM100B	N	10	N	300	N	20	<.05	N	.15	50
82TM100C	100	N	N	500	3.0	150	.07	N	1.50	700
82TM101A	150	N	N	500	2.0	100	.50	20	2.00	1,500
				Wiseman B2--continued						
82ABE268	150	N	N	700	2.0	100	.50	N	2.00	3,000
82ABE275	100	N	N	300	1.0	20	.50	20	1.50	700
82ABE276	150	N	N	700	3.0	200	.50	N	1.50	20
82ABE276	N	N	N	100	3.0	100	20.00	N	7.00	500
82ABE276	150	N	N	200	1.0	70	3.00	N	2.00	1,000
82ABE278	200	N	N	1,000	2.0	150	.20	N	2.00	1,000
82ABE280	100	N	N	300	2.0	100	.15	N	1.50	700
82ABE303	100	N	N	200	2.0	100	.15	N	2.00	5,000
82ABE307	50	N	N	200	<1.0	50	3.00	N	2.00	700
82ABE309	70	N	N	1,500	2.0	50	.10	N	.50	50
82ABE310	150	N	N	500	2.0	100	.30	N	1.50	2,000
82ABE312	50	N	N	300	N	10	7.00	N	2.00	1,000
82ABE343	150	N	N	300	2.0	150	.10	N	1.00	200
82ABE351	100	N	N	3,000	2.0	700	.10	N	1.50	300
82ABE352	70	N	N	300	1.0	70	.15	N	1.50	5,000
82TM61AG	30	N	N	150	N	50	N	N	.15	50
82TM61BG	100	N	N	150	1.5	70	.50	N	2.00	1,500
82TM63AG	30	N	N	200	1.0	10	2.00	N	5.00	700
82TM64BG	150	N	N	300	3.0	200	.20	N	2.00	1,500
82TM65AG	150	N	N	200	2.0	150	.10	N	2.00	1,500
82TM66AG	150	N	N	300	2.0	150	.50	N	2.00	1,500
82TM66DG	150	N	N	300	3.0	150	.20	20	2.00	1,500
82TM67AG	100	N	N	200	1.5	150	2.00	20	2.00	1,000
82TM85AG	150	N	N	300	3.0	150	.50	N	2.00	3,000
82TM85BG	100	N	N	300	2.0	150	.50	20	1.50	1,000

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
82ABE300	N	10	N	.100	N	50	N	<10	50
82ABE300	N	10	100	.100	N	70	N	<10	30
82ABE301	N	N	N	.020	N	N	N	N	N
82ABE344	N	50	100	.300	N	500	N	15	30
82ABE344	N	20	100	.700	N	300	N	20	200
82ABE345	N	10	700	.200	N	300	N	10	50
82ABE346	N	30	150	.500	N	500	N	10	200
82ABE346	N	N	N	.070	N	150	N	N	20
82ABE348	N	30	100	.500	N	300	N	20	200
82ABE350	N	20	100	.500	N	200	N	15	200
82TM100A	N	30	N	.500	N	300	N	50	200
82TM100B	N	N	N	.070	N	700	N	N	20
82TM100C	N	20	N	.300	N	200	N	15	150
82TM101A	N	30	N	.500	N	300	N	30	150
				Wiseman B2--continued					
82ABE268	N	20	100	.500	N	200	N	30	150
82ABE275	N	20	500	.300	N	200	N	20	150
82ABE276	N	20	N	.500	N	300	N	10	150
82ABE276	N	10	700	.030	N	300	N	20	10
82ABE276	N	30	300	.300	N	300	N	20	100
82ABE278	N	30	200	.700	N	200	N	20	200
82ABE280	N	20	N	.300	N	200	N	<10	100
82ABE303	N	30	N	.500	N	500	N	30	100
82ABE307	N	10	100	.200	N	100	N	30	150
82ABE309	N	10	N	.200	N	500	N	N	70
82ABE310	N	30	100	.500	N	300	N	20	300
82ABE312	N	30	300	.200	N	300	N	15	50
82ABE343	N	10	100	.300	N	200	N	<10	200
82ABE351	N	20	N	.300	N	300	N	10	200
82ABE352	N	20	N	.200	N	200	N	10	70
82TM61AG	N	N	N	.100	N	100	N	10	30
82TM61BG	N	20	N	.500	N	200	N	30	150
82TM63AG	N	50	N	>1.000	N	700	N	50	200
82TM64BG	N	30	100	.700	N	300	N	30	200
82TM65AG	N	30	N	.500	N	300	N	20	150
82TM66AG	N	30	N	.500	N	300	N	30	300
82TM66DG	N	30	N	.700	N	300	N	50	200
82TM67AG	N	30	N	.500	N	30	N	30	200
82TM85AG	N	30	100	.700	N	300	N	20	200
82TM85BG	N	20	100	.300	N	200	N	20	200

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
82TM86AG	67 23 0	150 53 26	N	N	N	15	[illegible]	[illegible]	N	N	N
82TM86BG	67 23 0	150 53 26	N	N	N	15	[illegible]	[illegible]	N	N	N
82TM87AG	67 23 16	150 55 2	N	N	N	20	[illegible]	[illegible]	N	N	N
82TM88AG	67 23 28	150 55 40	N	N	N	10	[illegible]	[illegible]	N	N	N
82TM102A	67 24 48	150 30 19	N	N	N	20	[illegible]	[illegible]	N	N	N
82TM104A	67 19 22	150 36 21	N	N	N	40	[illegible]	[illegible]	N	N	N
				Wiseman B3--continued							
52	67 17 1	151 17 2	N	[illegible]	500	[illegible]	[illegible]	[illegible]	N	[illegible]	N
58	67 18 56	151 21 39	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
59	67 18 48	151 17 40	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
60	67 18 9	151 16 20	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
75	67 23 41	151 18 26	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
86	67 18 38	151 28 34	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
89	67 18 3	151 6 57	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
90	67 25 55	151 14 43	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
91	67 24 14	151 14 10	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
116	67 23 58	151 14 4	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
117	67 26 50	151 12 35	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
118	67 25 52	151 17 44	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
119	67 22 0	151 21 58	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
120	67 20 57	151 22 2	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
121	67 20 48	151 22 13	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
122	67 21 36	151 16 59	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
123	67 20 26	151 17 31	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
124	67 19 45	151 18 23	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
125	67 19 16	151 20 9	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	2.0
126	67 19 20	151 20 20	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
127	67 19 31	151 20 36	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
128	67 18 17	151 7 18	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
129	67 18 13	151 7 8	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
130	67 19 58	151 5 59	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
131	67 19 31	151 6 25	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
132	67 19 19	151 6 20	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
177	67 18 35	151 21 50	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
211	67 22 25	151 20 49	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
216	67 20 23	151 1 28	N	[illegible]	300	[illegible]	[illegible]	[illegible]	N	[illegible]	2.0
274	67 27 44	151 29 10	N	[illegible]	N	[illegible]	<10	[illegible]	N	[illegible]	N
275	67 27 11	151 28 48	N	[illegible]	N	[illegible]	<10	[illegible]	N	[illegible]	N
276	67 27 11	151 28 48	N	[illegible]	N	[illegible]	30	[illegible]	N	[illegible]	N
314	67 28 1	151 28 38	N	[illegible]	N	[illegible]	<10	[illegible]	N	[illegible]	N
315	67 29 51	151 28 18	N	[illegible]	N	[illegible]	<10	[illegible]	N	[illegible]	N
316	67 29 52	151 23 8	N	[illegible]	N	[illegible]	10	[illegible]	N	[illegible]	N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
82TM86AG	150	20	<200	30.0	N	.10	N	N	10.00	70	100
82TM86BG	50	10	300	60.0	N	.20	N	N	10.00	50	50
82TM87AG	30	10	N	25.0	N	.20	N	N	2.00	7	20
82TM88AG	100	30	200	60.0	N	<.10	N	N	7.00	30	50
82TM102A	50	10	N	35.0	N	<.10	N	N	7.00	15	20
82TM104A	50	20	<200	60.0	N	<.10	N	N	5.00	15	50
				Wiseman B3--continued							
52	100	<10	200	20.0	N	--	N	--	10.00	20	50
58	10	50	<200	10.0	N	--	N	--	3.00	<5	<5
59	50	50	<200	90.0	N	--	N	--	3.00	20	70
60	100	30	200	95.0	N	--	N	--	5.00	20	30
75	300	50	N	20.0	N	--	N	--	10.00	15	20
86	30	100	N	<5.0	N	--	N	--	1.00	<5	<5
89	50	30	N	75.0	N	--	N	--	5.00	10	100
90	5	<10	N	10.0	N	--	N	--	1.50	<5	20
91	20	<10	N	50.0	N	--	N	--	5.00	30	150
116	50	<10	N	45.0	N	--	N	--	7.00	70	150
117	50	50	N	95.0	N	--	N	--	5.00	20	100
118	1,000	<10	N	20.0	N	--	N	--	7.00	50	100
119	300	<10	N	50.0	N	--	N	--	10.00	50	70
120	10	N	N	30.0	N	--	N	--	3.00	<5	<5
121	300	<10	N	35.0	N	--	N	--	5.00	30	30
122	200	20	200	100.0	N	--	N	--	10.00	50	100
123	30	20	N	70.0	N	--	N	--	5.00	20	70
124	<5	20	N	10.0	N	--	N	--	1.50	<5	<5
125	10	20	<200	40.0	N	--	N	--	.50	<5	20
126	15	15	N	10.0	N	--	N	--	1.00	<5	<5
127	20	100	N	25.0	N	--	N	--	3.00	15	20
128	50	50	<200	80.0	N	--	N	--	2.00	<5	50
129	20	50	N	25.0	N	--	N	--	2.00	<5	20
130	20	100	<200	45.0	N	--	N	--	5.00	20	70
131	150	70	<200	90.0	N	--	N	--	7.00	20	70
132	50	50	<200	60.0	N	--	N	--	5.00	20	50
177	30	100	200	45.0	N	--	N	--	5.00	30	70
211	300	20	200	85.0	N	--	N	--	10.00	100	100
216	70	<10	300	140.0	N	--	N	--	3.00	10	20
274	10	<10	N	40.0	N	--	N	--	7.00	50	50
275	500	50	<200	.2	N	--	N	--	5.00	50	100
276	20	30	N	5.0	N	--	N	--	2.00	10	15
314	50	N	<200	15.0	N	--	N	--	2.00	10	20
315	10	30	N	35.0	N	--	N	--	2.00	20	20
316	100	15	N	25.0	N	--	N	--	5.00	50	150

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
82TM86AG	300	N	N	20	<1.0	10	5.00	N	5.00	2,000
82TM86BG	100	N	N	150	1.5	10	5.00	N	3.00	2,000
82TM87AG	30	N	N	200	2.0	70	5.00	N	1.50	2,000
82TM88AG	100	N	N	300	3.0	300	.20	20	1.50	1,000
82TM102A	150	N	N	300	2.0	150	.07	N	2.00	1,000
82TM104A	150	N	N	1,000	2.0	150	.20	N	1.50	500
				Wiseman B3--continued						
52	100	N	N	700	<1.0	20	2.00	50	3.00	2,000
58	<10	N	N	1,000	2.0	70	.05	100	.70	150
59	100	N	N	500	1.5	50	.15	50	.70	500
60	200	N	N	1,500	2.0	100	.07	50	2.00	700
75	70	N	N	500	2.0	100	.05	70	.20	200
86	<10	N	N	700	2.0	100	<.05	50	.10	100
89	150	N	N	500	2.0	50	.15	50	1.50	1,000
90	30	N	N	300	<1.0	300	.15	50	.15	200
91	500	N	N	1,000	2.0	10	2.00	<20	3.00	1,000
116	500	N	N	200	<1.0	10	1.50	50	3.00	1,000
117	300	N	N	700	2.0	100	.10	70	2.00	1,000
118	300	N	N	N	<1.0	20	5.00	50	5.00	2,000
119	100	N	N	<20	<1.0	20	5.00	50	5.00	3,000
120	<10	N	N	<20	<1.0	<10	.20	50	.70	1,000
121	150	N	N	100	<1.0	10	1.50	50	5.00	1,500
122	200	N	N	700	1.0	20	1.50	50	3.00	1,000
123	70	N	N	700	1.5	20	.30	50	2.00	>5,000
124	20	N	N	1,000	2.0	20	.15	150	.30	500
125	100	30	N	2,000	1.5	100	<.05	50	.30	20
126	<10	N	N	1,500	2.0	50	<.05	100	.10	300
127	100	N	N	500	2.0	20	2.00	200	.50	2,000
128	100	20	N	1,500	2.0	70	.05	50	.20	50
129	100	N	N	150	1.0	100	>20.00	50	2.00	500
130	200	N	N	1,000	1.0	70	10.00	50	2.00	3,000
131	500	N	N	1,000	2.0	100	.30	50	2.00	1,000
132	200	N	N	2,000	1.5	70	20.00	50	5.00	1,000
177	200	N	N	1,500	3.0	100	.50	70	2.00	1,000
211	150	N	N	20	<1.0	20	3.00	50	3.00	2,000
216	100	20	N	5,000	2.0	100	.50	50	1.00	100
274	300	N	N	<20	N	10	7.00	30	3.00	3,000
275	70	N	N	500	1.0	200	7.00	50	5.00	3,000
276	70	N	N	700	2.0	100	.10	50	.20	<10
314	100	N	N	200	<1.0	30	.30	30	.30	500
315	100	N	N	700	N	50	20.00	<20	1.00	2,000
316	500	N	N	700	N	30	7.00	<20	5.00	5,000

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
82TM86AG	N	50	150	1.000	N	700	N	50	200
82TM86BG	N	30	100	>1.000	N	500	N	50	150
82TM87AG	N	10	200	.200	N	100	N	15	100
82TM88AG	N	30	N	.700	N	300	N	30	200
82TM102A	N	30	N	.700	N	300	N	15	150
82TM104A	N	20	100	.500	N	300	N	20	150
				Wiseman B3--continued					
52	<20	30	N	1.000	N	300	N	50	150
58	<20	5	N	.150	N	15	N	30	200
59	<20	15	150	.300	N	100	N	30	150
60	<20	20	200	.500	N	200	N	20	200
75	<20	10	100	.200	N	100	<50	30	200
86	<20	5	N	.100	N	<10	N	30	300
89	<20	20	100	.300	N	150	N	20	200
90	<20	10	<100	.200	N	300	N	15	100
91	<20	30	200	.500	N	200	N	20	70
116	<20	20	200	.700	N	200	N	20	70
117	<20	20	200	.700	N	200	N	30	200
118	<20	50	300	.300	N	200	N	20	20
119	<20	50	300	.700	N	300	N	50	150
120	<20	10	N	.200	N	20	N	30	300
121	<20	20	300	.300	N	200	N	20	50
122	<20	50	200	.700	N	300	N	30	150
123	<20	20	200	.500	N	100	N	50	200
124	<20	10	N	.200	N	20	N	20	200
125	<20	10	N	.300	N	1,500	N	10	100
126	<20	5	N	.100	N	30	N	20	150
127	<20	10	300	.500	N	100	N	30	300
128	<20	15	200	.200	N	200	N	10	200
129	N	10	2,000	.150	N	70	N	20	50
130	<20	20	300	.300	N	200	N	30	100
131	<20	30	200	.700	N	200	N	30	300
132	<20	15	700	.150	N	700	N	20	50
177	<20	20	100	.300	N	200	N	30	200
211	<20	30	300	1.000	N	300	N	50	150
216	<20	10	100	.200	N	700	N	10	100
274	<20	50	300	.150	N	500	N	10	10
275	<20	30	300	.200	N	150	N	20	70
276	<20	10	100	.200	N	100	N	30	150
314	<20	10	N	.300	N	200	N	20	70
315	<20	15	500	.200	N	70	N	50	50
316	<20	50	200	.500	N	200	N	50	150

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
317	67 29 50	151 22 3	N	--	N	--	<10	--	N	--	N
380	67 19 51	151 18 29	N	--	1,000	--	200	--	N	.25	20.0
1943	67 17 25	151 19 4	300	320	1,000	330	--	--	N	.05	200.0
82ABE264	67 27 19	151 10 48	N	N	N	5	--	--	N	N	N
82ABE270	67 24 58	151 1 4	N	N	N	N	--	--	N	N	N
82ABE272	67 25 51	151 1 39	N	N	N	N	--	--	N	N	N
82ABE314	67 23 42	151 1 6	N	N	N	N	--	--	N	N	N
82TM56AG	67 28 40	151 12 45	N	N	N	20	--	--	N	N	N
82TM57AG	67 28 22	151 11 35	N	<2	N	15	--	--	N	N	N
82TM58AG	67 28 41	151 10 48	N	N	N	15	--	--	N	N	N
82TM58BG	67 28 41	151 10 48	N	N	N	20	--	--	N	N	N
82TM59AG	67 27 54	151 1 51	N	N	N	10	--	--	N	N	N
					Wiseman B4--continued						
1	67 17 5	151 36 6	N	--	N	--	--	--	N	--	N
2	67 16 37	151 46 50	N	--	N	--	--	--	N	--	N
3	67 16 16	151 42 35	N	--	N	--	--	--	N	--	N
4	67 16 4	151 41 52	N	--	N	--	--	--	N	--	N
6	67 16 59	151 41 11	N	--	N	--	--	--	N	--	N
7	67 17 18	151 39 57	N	--	N	--	--	--	N	--	N
8	67 27 31	151 41 49	N	--	N	--	--	--	N	--	N
15	67 19 14	151 43 12	N	--	N	--	--	--	N	--	N
16	67 19 29	151 40 32	N	--	N	--	--	--	N	--	N
17	67 27 19	151 42 10	N	--	N	--	--	--	N	--	N
18	67 26 31	151 43 23	N	--	700	--	--	--	N	--	N
61	67 27 58	151 43 42	N	--	N	--	--	--	N	--	N
62	67 26 42	151 41 10	N	--	N	--	--	--	N	--	N
63	67 24 10	151 41 38	N	--	N	--	--	--	N	--	N
64	67 24 6	151 41 6	N	--	N	--	--	--	N	--	N
65	67 22 57	151 40 32	N	--	N	--	--	--	N	--	N
66	67 21 47	151 42 6	N	--	<200	--	--	--	N	--	N
67	67 25 7	151 59 27	N	--	N	--	--	--	N	--	N
71	67 21 6	151 41 39	N	--	500	--	--	--	N	--	N
72	67 20 7	151 44 33	N	--	1,500	--	--	--	N	--	2.0
73	67 21 36	151 44 30	N	--	N	--	--	--	N	--	N
74	67 27 48	151 55 59	N	--	N	--	--	--	N	--	N
76	67 19 11	151 55 52	N	--	N	--	--	--	N	--	N
88	67 16 24	151 44 16	N	--	N	--	--	--	N	--	N
133	67 22 58	151 35 28	N	--	N	--	--	--	N	--	N
134	67 22 47	151 35 28	N	--	N	--	--	--	N	--	N
135	67 22 8	151 35 11	N	--	N	--	--	--	N	--	N
136	67 22 55	151 37 26	N	--	N	--	--	--	N	--	N
137	67 25 43	151 41 3	N	--	N	--	--	--	N	--	N
138	67 25 30	151 44 15	N	--	N	--	--	--	N	--	N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
317	5	N	<200	15.0	N	--	N	--	3.00	20	50
380	30	1,500	1,000	1,800.0	N	--	N	--	>20.00	N	N
1943	70	>20,000	N	30.0	100	250.00	<10	--	.70	10	20
82ABE264	50	50	<200	110.0	N	<.10	N	N	7.00	15	70
82ABE270	50	10	<200	105.0	N	.10	N	N	7.00	15	70
82ABE272	30	10	<200	110.0	N	.30	N	N	5.00	20	70
82ABE314	<5	10	500	280.0	N	.40	N	N	5.00	50	70
82TM56AG	15	N	N	40.0	N	.40	N	N	1.00	N	20
82TM57AG	50	10	N	20.0	N	.10	N	N	5.00	10	50
82TM58AG	15	N	N	30.0	N	.10	N	N	1.00	N	30
82TM58BG	100	10	N	25.0	N	.10	N	N	3.00	10	30
82TM59AG	70	10	N	35.0	N	.40	N	N	5.00	15	50
				Wiseman B4--continued							
1	500	50	200	65.0	N	--	N	--	7.00	50	50
2	700	70	<200	60.0	N	--	N	--	3.00	20	50
3	100	30	200	130.0	N	--	N	--	7.00	20	100
4	50	50	<200	45.0	N	--	N	--	2.00	10	30
6	50	50	200	85.0	N	--	N	--	7.00	10	20
7	50	50	<200	80.0	N	--	N	--	3.00	20	50
8	10	20	200	65.0	N	--	N	--	5.00	50	150
15	70	20	<200	50.0	N	--	N	--	5.00	20	20
16	1,000	100	<200	20.0	N	--	N	--	7.00	50	70
17	20	<10	N	15.0	N	--	N	--	5.00	10	20
18	10	70	N	30.0	N	--	N	--	2.00	<5	<5
61	<5	30	<200	10.0	N	--	N	--	.70	<5	<5
62	50	50	<200	75.0	N	--	N	--	5.00	20	70
63	150	100	<200	80.0	N	--	N	--	5.00	20	50
64	200	50	<200	80.0	N	--	N	--	5.00	30	70
65	20	20	N	10.0	N	--	N	--	2.00	15	10
66	20	100	N	15.0	N	--	N	--	3.00	10	10
67	30	20	<200	25.0	N	--	N	--	3.00	10	15
71	<5	200	500	200.0	N	--	N	--	3.00	30	200
72	300	100	N	15.0	N	--	N	--	20.00	70	150
73	200	20	N	130.0	N	--	N	--	5.00	20	50
74	50	20	N	50.0	N	--	N	--	10.00	20	10
76	500	<10	N	10.0	N	--	N	--	1.00	<5	10
88	30	20	N	25.0	N	--	N	--	1.50	<5	10
133	100	50	200	95.0	N	--	N	--	5.00	20	100
134	300	100	<200	65.0	N	--	N	--	5.00	30	50
135	<5	20	N	5.0	N	--	N	--	.20	<5	<5
136	50	20	N	30.0	N	--	N	--	5.00	20	50
137	30	30	<200	65.0	N	--	N	--	5.00	20	70
138	30	20	<200	80.0	N	--	N	--	5.00	20	70

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
317	100	N	N	200	<1.0	50	.10	30	1.00	500
380	<10	N	N	5,000	N	30	.10	50	.02	50
1943	<10	N	N	100	N	<10	.20	N	.15	150
82ABE264	150	N	N	700	2.0	150	.10	20	1.50	1,000
82ABE270	150	N	N	700	3.0	100	.10	20	1.50	1,000
82ABE272	100	N	N	300	1.0	50	.50	<20	1.00	700
82ABE314	100	N	N	1,000	1.5	100	.70	N	1.50	300
82TM56AG	50	50	N	1,000	1.0	70	<.05	N	.20	50
82TM57AG	100	N	N	500	2.0	100	.30	20	.70	500
82TM58AG	20	N	N	1,000	<1.0	50	.05	N	.15	100
82TM58BG	100	N	N	500	2.0	150	.20	50	.70	500
82TM59AG	100	N	N	500	1.0	50	.20	20	1.50	700
				Wiseman B4--continued						
1	70	N	N	300	<1.0	10	7.00	50	1.50	2,000
2	100	N	N	500	1.5	20	5.00	50	.70	1,000
3	100	10	N	1,000	2.0	100	.15	50	.50	200
4	150	N	N	300	1.5	50	7.00	50	1.00	500
6	300	5	N	3,000	2.0	100	.07	50	3.00	300
7	200	N	N	700	1.5	100	10.00	50	2.00	1,000
8	300	N	N	200	1.0	15	3.00	50	3.00	1,000
15	150	N	N	500	1.0	10	2.00	50	2.00	1,500
16	20	N	N	20	<1.0	10	5.00	50	1.50	>5,000
17	20	N	N	<20	<1.0	<10	10.00	50	.70	1,500
18	50	N	N	300	<1.0	70	15.00	50	3.00	500
61	30	N	N	200	1.0	50	7.00	50	2.00	200
62	150	N	N	500	2.0	100	.10	50	2.00	1,000
63	200	N	N	700	2.0	100	.30	50	3.00	1,000
64	200	N	N	700	2.0	100	.30	50	3.00	1,000
65	<10	N	N	300	<1.0	50	.50	50	.15	300
66	<10	N	N	200	N	<10	15.00	50	2.00	1,000
67	<10	N	N	200	1.0	100	.50	50	.20	300
71	1,000	N	N	700	1.5	20	7.00	50	3.00	1,500
72	200	N	N	500	2.0	50	.50	50	.50	200
73	150	N	N	500	2.0	50	.15	50	1.50	700
74	20	N	N	100	<1.0	20	10.00	50	3.00	3,000
76	<10	N	N	100	<1.0	10	.07	50	.20	150
88	50	N	N	100	<1.0	10	20.00	50	1.00	300
133	300	N	N	700	2.0	100	.30	50	2.00	1,500
134	200	N	N	700	2.0	100	.70	70	1.50	500
135	<10	N	N	700	<1.0	70	.05	50	.10	200
136	300	N	N	1,000	2.0	50	.70	70	1.50	500
137	500	N	N	700	2.0	50	.10	50	1.50	1,000
138	150	N	N	300	1.5	100	.20	70	1.00	1,000

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
317	<20	10	N	.300	N	100	N	N	150
380	N	N	<100	.010	--	<10	N	10	<10
1943	N	N	N	.050	N	15	N	N	N
82ABE264	N	20	N	.500	N	300	N	15	200
82ABE270	N	20	200	.500	N	300	N	30	150
82ABE272	N	15	100	.300	N	200	N	20	100
82ABE314	N	30	100	.700	N	500	N	30	200
82TM56AG	N	10	N	.200	N	1,000	N	10	70
82TM57AG	N	20	N	.700	N	300	N	30	300
82TM58AG	N	7	N	.150	N	700	N	15	70
82TM58BG	N	20	100	.500	N	300	N	20	200
82TM59AG	N	15	100	.300	N	300	N	20	200
				Wiseman B4--continued					
1	<20	30	300	1.000	N	300	N	50	150
2	<20	10	300	.500	N	150	N	20	150
3	<20	10	200	.300	N	150	N	20	150
4	<20	10	300	.200	N	100	N	20	100
6	<20	20	100	.500	N	300	N	20	200
7	<20	15	300	.200	N	150	N	20	100
8	<20	15	200	1.000	N	100	N	20	100
15	<20	20	300	.300	N	150	N	30	100
16	<20	<5	200	.005	N	<10	N	20	20
17	<20	<5	200	.005	N	50	N	<10	<10
18	<20	<5	700	.150	N	30	N	15	200
61	<20	<5	300	.100	N	20	N	10	150
62	<20	20	150	.500	N	200	N	15	150
63	<20	20	150	.500	N	200	N	15	200
64	<20	20	200	.500	N	200	N	15	200
65	<20	5	N	.100	N	20	N	15	200
66	<20	<5	1,000	.050	N	15	N	20	20
67	<20	5	N	.200	N	70	N	20	300
71	<20	10	100	.200	N	100	N	10	70
72	<20	20	<100	1.000	N	200	N	50	200
73	<20	20	100	.500	N	150	N	30	150
74	<20	15	300	.300	N	150	<50	20	30
76	<20	5	N	.200	N	20	N	<10	20
88	<20	5	500	.150	N	70	N	10	20
133	<20	20	300	.500	N	200	N	20	300
134	<20	20	200	.500	N	150	N	50	300
135	N	<5	N	.030	N	10	N	<10	700
136	<20	15	100	.500	N	100	N	30	300
137	<20	20	100	.300	N	200	N	<10	200
138	<20	15	<100	.300	N	100	N	20	200

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm $	Au-ppm aa	Ag-ppm s
139	67 26 25	151 57 33	N		N				N		N
140	67 24 50	151 59 53	N		N				N		N
141	67 25 23	151 55 12	N		N				N		N
142	67 23 49	151 57 54	N		N				N		N
143	67 23 16	151 53 4	N		N				N		N
144	67 23 17	151 55 44	N		N				N		N
145	67 23 0	151 58 50	N		N				N		N
146	67 20 47	151 56 11	N		N				N		N
147	67 21 25	151 58 20	N		N				N		N
148	67 21 25	151 53 17	N		N				N		N
149	67 18 6	151 54 35	N		N				N		N
150	67 18 28	151 55 2	N		10,000				N		N
151	67 19 15	151 56 13	N		N				N		N
152	67 15 20	151 46 32	N		N				N		N
153	67 19 48	151 47 38	N		N				N		N
154	67 15 55	151 36 7	N		N				N		5.0
155	67 15 6	151 35 29	N		N				N		N
156	67 19 2	151 31 24	N		N				N		N
157	67 18 0	151 46 47	N		N				N		N
184	67 15 2	151 35 13	N		N				N		N
185	67 15 2	151 41 24	N		N				N		N
237	67 22 55	151 59 44	N		<200		100		N		<.5
253	67 22 8	151 46 1	N		N		<10		N		N
254	67 22 2	151 46 28	N		N		<10		N		N
255	67 21 41	151 48 14	N		N		10		N		N
256	67 21 35	151 48 51	N		N		20		N		N
257	67 21 24	151 49 28	N		500		140		N		N
258	67 21 11	151 34 44	N		N		N		N		N
259	67 19 50	151 56 52	N		N		10		N		N
303	67 22 28	151 54 7	N		N		<10		N		N
331	67 22 28	151 56 9	N		N		10		N		N
342	67 19 56	151 49 9	N		N		10		N		N
343	67 28 58	151 41 40	N		N		N		N		N
344	67 28 37	151 41 50	N		N		20		N		N
345	67 29 38	151 44 33	N		N		20		N		N
372	67 23 52	151 40 12	N		3,000		1,200		N		N
373	67 18 1	151 50 4	N		N		10		N		N
374	67 23 47	151 44 50	N		N		30		N		1.0
375	67 29 18	151 42 56	N		N		<10		N		N
376	67 29 36	151 44 17	N		N		20		N		N
377	67 22 50	151 32 43	N		N		10		N		N
378	67 22 17	151 32 42	N		N		30		N		7.0
1290A	67 22 56	151 58 47	N	6	N	10			N	<.05	20.0
1290B	67 22 56	151 58 47	N	2	N	15			N	N	3.0
1880	67 26 24	151 55 49	N	8	N	30			N	N	2.0

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
139	20	50	<200	40.0	N	--	N	--	3.00	10	30
140	<5	30	N	10.0	N	--	N	--	3.00	<5	20
141	30	70	<200	85.0	N	--	N	--	3.00	20	30
142	10	20	N	20.0	N	--	N	--	2.00	10	30
143	200	50	N	110.0	N	--	N	--	10.00	30	150
144	50	50	<200	75.0	N	--	N	--	5.00	20	70
145	150	30	<200	110.0	N	--	N	--	10.00	30	100
146	10	20	N	5.0	N	--	N	--	.50	N	<5
147	<5	20	N	35.0	N	--	N	--	10.00	30	30
148	20	20	N	40.0	N	--	N	--	2.00	<5	20
149	30	20	N	35.0	N	--	N	--	10.00	30	100
150	10	20	N	<5.0	N	--	N	--	1.00	N	<5
151	30	20	N	35.0	N	--	N	--	2.00	10	20
152	50	30	N	30.0	N	--	N	--	3.00	20	70
153	150	20	N	40.0	N	--	N	--	15.00	70	30
154	700	20	N	30.0	N	--	N	--	15.00	70	70
155	30	20	N	30.0	N	--	N	--	5.00	20	100
156	15	20	N	85.0	N	--	N	--	7.00	20	<5
157	100	20	N	70.0	N	--	N	--	7.00	30	70
184	<5	50	200	15.0	N	--	N	--	5.00	15	20
185	200	50	<200	75.0	N	--	N	--	5.00	30	100
237	5,000	50	<200	320.0	N	--	N	--	10.00	70	200
253	10	10	N	50.0	N	--	N	--	7.00	200	150
254	50	15	N	45.0	N	--	N	--	5.00	50	100
255	70	<10	200	95.0	N	--	N	--	10.00	100	150
256	100	70	N	50.0	N	--	N	--	5.00	20	100
257	2,000	200	N	55.0	N	--	N	--	1.00	300	150
258	5	N	N	5.0	N	--	N	--	.50	<5	<5
259	200	30	N	70.0	N	--	N	--	10.00	200	100
303	<5	N	N	25.0	N	--	N	--	.20	<5	5
331	100	30	N	60.0	N	--	N	--	10.00	50	100
342	70	<10	<200	55.0	N	--	N	--	15.00	70	30
343	50	30	N	45.0	N	--	N	--	5.00	50	70
344	500	<10	N	75.0	N	--	N	--	20.00	200	150
345	15	N	N	5.0	N	--	N	--	.50	N	N
372	2,000	10	N	30.0	N	--	N	--	>20.00	<5	30
373	150	N	N	40.0	N	--	N	--	7.00	20	30
374	150	100	N	55.0	N	--	N	--	5.00	30	30
375	15	10	N	20.0	N	--	N	--	2.00	10	10
376	<5	N	N	<5.0	N	--	N	--	.20	N	N
377	<5	20	N	20.0	N	--	N	--	.20	N	N
378	5	300	N	10.0	N	--	N	--	1.00	10	10
1290A	10,000	7,000	700	1,000.0	N	3.30	50	65	7.00	10	15
1290B	2,000	300	300	300.0	N	1.00	15	10	3.00	10	20
1880	10,000	15	N	15.0	N	N	N	--	1.00	N	<5

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
139	150	N	N	200	1.0	30	5.00	50	.50	3,000
140	150	N	N	500	1.0	10	20.00	50	1.00	700
141	100	N	N	500	1.0	30	1.50	50	1.00	1,000
142	100	N	N	<20	<1.0	<10	1.50	50	.20	1,500
143	500	N	N	100	2.0	200	.20	100	3.00	1,000
144	200	N	N	300	2.0	100	.10	50	1.00	700
145	300	N	N	700	2.0	100	.70	50	3.00	3,000
146	30	N	N	50	N	<10	>20.00	30	.70	200
147	100	N	N	1,500	<1.0	20	10.00	50	5.00	2,000
148	100	N	N	500	3.0	150	1.00	70	1.50	500
149	300	N	N	300	2.0	100	.20	50	2.00	1,500
150	50	N	N	200	<1.0	10	<.05	50	.10	50
151	50	N	N	300	2.0	20	.05	50	.20	500
152	150	N	N	500	2.0	100	3.00	50	2.00	700
153	100	N	N	50	<1.0	20	3.00	<20	3.00	1,500
154	100	N	N	300	<1.0	20	5.00	<20	3.00	2,000
155	200	N	N	1,000	3.0	200	2.00	70	3.00	500
156	<10	N	N	1,000	1.0	100	1.00	50	1.50	2,000
157	300	N	N	300	2.0	100	.50	50	3.00	1,500
184	200	N	N	200	1.5	10	10.00	50	3.00	3,000
185	300	N	N	2,000	2.0	20	1.50	50	3.00	2,000
237	500	<5	N	500	1.0	50	1.50	50	2.00	2,000
253	200	N	N	100	N	20	2.00	30	3.00	1,000
254	200	N	N	<20	N	10	10.00	30	2.00	2,000
255	500	N	N	500	<1.0	50	.20	30	2.00	300
256	150	N	N	1,500	2.0	100	.20	100	2.00	700
257	150	150	N	1,500	2.0	200	.20	100	1.00	700
258	N	N	N	300	<1.0	10	.07	50	.20	200
259	150	N	N	<20	N	50	5.00	<20	2.00	3,000
303	<10	N	N	50	<1.0	10	<.05	<20	.10	10
331	200	N	N	500	1.0	20	5.00	30	3.00	2,000
342	50	N	N	100	N	50	7.00	30	5.00	3,000
343	150	N	N	500	1.0	50	5.00	50	3.00	3,000
344	150	N	N	300	N	50	5.00	30	3.00	3,000
345	N	N	N	<20	<1.0	10	20.00	<20	.20	100
372	50	N	N	50	N	150	.20	50	.20	5,000
373	200	N	N	700	3.0	200	.20	<20	2.00	2,000
374	150	N	N	700	3.0	300	.30	70	1.50	300
375	20	N	N	500	1.0	50	.70	50	1.00	500
376	N	N	N	<20	N	<10	>20.00	<20	.70	100
377	N	N	N	<20	N	<10	20.00	N	10.00	300
378	150	N	N	700	<1.0	300	.20	<20	.20	10
1290A	70	N	N	20	1.0	10	.05	N	.70	500
1290B	50	N	N	500	2.0	20	.07	N	.70	300
1880	<10	N	10	100	1.0	15	.15	N	.03	50

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
139	<20	10	500	.200	N	100	N	30	150
140	<20	10	300	.150	N	70	N	30	100
141	<20	15	200	.300	N	150	N	30	100
142	<20	5	150	.200	N	70	N	15	200
143	<20	30	200	.700	N	200	N	50	200
144	<20	20	<100	.300	N	150	N	20	150
145	<20	20	150	.500	N	200	N	30	200
146	N	N	5,000	.050	N	10	N	15	30
147	<20	30	300	.500	N	200	N	30	100
148	<20	20	150	.300	N	150	N	30	300
149	<20	30	150	.700	N	200	N	30	200
150	N	<5	N	.100	N	30	N	<10	100
151	<20	10	N	.300	N	70	N	20	300
152	<20	10	200	.300	N	70	N	20	200
153	<20	50	200	1.000	N	300	N	50	100
154	<20	50	200	1.000	N	500	N	50	100
155	<20	20	<100	.500	N	200	N	50	150
156	<20	20	<100	.500	N	70	N	70	150
157	<20	30	<100	.700	N	300	N	30	150
184	<20	15	500	.200	N	200	N	20	200
185	<20	20	200	.500	N	200	N	30	200
237	<20	20	200	.500	N	200	N	30	150
253	<20	20	300	.200	N	200	N	<10	20
254	<20	50	700	.300	N	200	N	50	70
255	<20	70	200	.700	N	300	N	50	300
256	<20	30	200	.500	N	200	N	70	200
257	<20	30	<100	.500	N	1,000	N	50	500
258	N	N	N	.050	N	20	N	20	300
259	<20	70	200	1.000	N	700	N	70	200
303	<20	N	N	.030	N	10	N	N	20
331	<20	50	2,000	.500	N	300	N	30	150
342	<20	70	N	1.000	N	100	N	50	200
343	<20	30	200	.700	N	200	N	50	300
344	<20	70	300	>1.000	N	300	N	50	300
345	N	N	1,000	.030	N	10	N	N	10
372	<20	N	N	.015	N	<10	N	N	20
373	<20	30	<100	.700	N	200	N	50	300
374	<20	20	N	.700	N	200	N	50	500
375	<20	5	N	.200	N	100	N	30	200
376	N	N	2,000	.050	N	<10	N	N	10
377	N	N	300	.020	N	30	N	N	N
378	<20	<5	N	.100	N	150	N	<10	70
1290A	N	10	N	.150	N	150	N	20	150
1290B	N	10	<100	.150	N	100	N	30	100
1880	N	N	N	.010	N	<10	N	N	N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
1885	67 28 11	151 53 30	N	N	N	N	--	--	N	N	N
1886	67 27 57	151 54 22	N	N	N	N	--	--	N	N	N
1886A	67 27 57	151 54 22	N	<2	N	<5	--	--	N	N	N
1893A	67 27 33	151 53 12	N	N	N	10	--	--	N	N	N
					Wiseman B5--continued						
19	67 29 39	152 16 41	N	--	N	--	--	--	N	--	N
20	67 27 59	152 16 19	N	--	1,500	--	--	--	N	--	N
21	67 26 32	152 13 8	N	--	N	--	--	--	N	--	N
22	67 26 25	152 11 5	N	--	N	--	--	--	N	--	N
23	67 20 59	152 17 56	N	--	N	--	--	--	N	--	N
24	67 20 47	152 13 40	N	--	N	--	--	--	N	--	N
25	67 20 51	152 14 6	N	--	N	--	--	--	N	--	N
26	67 20 41	152 13 50	N	--	N	--	--	--	N	--	N
33	67 18 40	152 13 23	N	--	N	--	--	--	N	--	N
34	67 18 48	152 13 23	N	--	N	--	--	--	N	--	N
35	67 18 48	152 13 23	N	--	N	--	--	--	N	--	N
36	67 18 56	152 13 24	N	--	N	--	--	--	N	--	N
37	67 18 56	152 13 24	N	--	N	--	--	--	N	--	N
38	67 19 8	152 13 24	N	--	N	--	--	--	N	--	N
39	67 19 19	152 13 30	N	--	N	--	--	--	N	--	N
40	67 19 37	152 13 42	N	--	N	--	--	--	N	--	N
41	67 19 37	152 13 42	N	--	N	--	--	--	N	--	N
42	67 19 53	152 13 42	N	--	N	--	--	--	N	--	N
43	67 21 5	152 8 16	N	--	N	--	--	--	N	--	N
44	67 18 5	152 17 26	N	--	N	--	--	--	N	--	N
45	67 17 42	152 18 12	N	--	N	--	--	--	N	--	N
80	67 16 44	152 28 25	1,000	--	N	--	--	--	N	--	3.0
81	67 16 44	152 28 25	N	--	N	--	--	--	N	--	N
82	67 15 43	152 13 57	N	--	500	--	--	--	N	--	N
98	67 15 19	152 28 41	N	--	N	--	--	--	N	--	N
99	67 20 11	152 6 11	N	--	N	--	--	--	N	--	N
158	67 29 3	152 14 57	N	--	N	--	--	--	N	--	N
159	67 29 45	152 12 13	N	--	N	--	--	--	N	--	N
160	67 23 40	152 16 17	N	--	N	--	--	--	N	--	N
161	67 17 42	152 18 12	N	--	N	--	--	--	N	--	N
162	67 15 26	152 18 32	N	--	N	--	--	--	N	--	N
163	67 17 33	152 10 46	N	--	N	--	--	--	N	--	N
164	67 18 6	152 10 37	N	--	N	--	--	--	N	--	N
165	67 18 1	152 6 43	N	--	N	--	--	--	N	--	N
166	67 23 5	152 11 54	N	--	N	--	--	--	N	--	N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
1885	20	N	N	45.0	N	N	N	--	1.50	<5	15
1886	30	N	N	20.0	N	<.10	N	--	1.50	<5	20
1886A	15	10	N	25.0	N	N	N	--	.50	N	<5
1893A	3,000	N	N	10.0	N	N	N	--	.50	N	N
				Wiseman B5--continued							
19	10	30	N	25.0	N	--	N	--	1.50	<5	<5
20	200	200	N	20.0	N	--	N	--	3.00	30	500
21	7	30	N	30.0	N	--	N	--	1.50	<5	15
22	50	20	N	35.0	N	--	N	--	1.50	10	10
23	10	30	N	20.0	N	--	N	--	1.50	<5	<5
24	<5	<10	N	10.0	N	--	N	--	1.00	N	<5
25	10	50	<200	25.0	N	--	N	--	2.00	10	10
26	50	<10	200	95.0	N	--	N	--	5.00	20	20
33	150	150	<200	65.0	N	--	N	--	7.00	20	30
34	200	20	200	65.0	N	--	N	--	10.00	50	70
35	10	<10	<200	15.0	N	--	N	--	1.50	10	30
36	100	50	<200	85.0	N	--	N	--	5.00	15	50
37	100	50	N	60.0	N	--	N	--	5.00	20	70
38	<5	50	N	10.0	N	--	N	--	1.00	N	<5
39	<5	50	N	5.0	N	--	N	--	1.00	N	<5
40	50	20	<200	95.0	N	--	N	--	5.00	15	20
41	10	<10	<200	5.0	N	--	N	--	1.50	N	<5
42	30	100	<200	55.0	N	--	N	--	2.00	<5	<5
43	<5	10	<200	5.0	N	--	N	--	1.00	<5	<5
44	15	10	<200	10.0	N	--	N	--	2.00	20	30
45	<5	30	<200	55.0	N	--	N	--	3.00	30	50
80	1,500	N	500	240.0	N	--	N	--	.50	<5	10
81	700	<10	N	110.0	N	--	N	--	10.00	50	30
82	150	100	3,000	3,000.0	N	--	50	--	20.00	15	50
98	30	<10	<200	40.0	N	--	N	--	1.00	<5	20
99	10	100	<200	25.0	N	--	N	--	1.50	<5	20
158	100	20	N	40.0	N	--	N	--	10.00	50	150
159	70	30	N	90.0	N	--	N	--	5.00	<5	<5
160	100	20	<200	45.0	N	--	N	--	5.00	20	50
161	150	20	N	35.0	N	--	N	--	10.00	50	100
162	70	30	N	50.0	N	--	N	--	7.00	20	100
163	50	200	N	40.0	N	--	N	--	5.00	20	70
164	50	50	<200	65.0	N	--	N	--	5.00	20	70
165	70	50	N	65.0	N	--	N	--	7.00	30	70
166	50	50	200	40.0	N	--	N	--	3.00	15	30

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
1885	20	N	N	70	<1.0	20	.30	N	.10	150
1886	15	N	N	N	N	<10	.10	N	.03	100
1886A	15	N	N	50	N	<10	20.00	N	1.00	150
1893A	<10	N	N	20	N	<10	.20	N	.02	50
					Wiseman B5--continued					
19	<10	N	N	<20	<1.0	10	2.00	50	.50	1,500
20	1,500	N	N	300	1.0	10	7.00	50	5.00	2,000
21	50	N	N	300	1.0	10	15.00	50	2.00	500
22	50	N	N	300	1.5	150	1.50	50	2.00	200
23	20	N	N	700	1.5	10	.10	50	.50	200
24	<10	N	N	300	N	N	>20.00	<20	.70	500
25	<10	N	N	1,000	2.0	20	.70	70	.70	300
26	50	N	N	1,000	2.0	20	1.00	70	2.00	1,000
33	200	<5	N	500	2.0	100	1.00	70	1.50	300
34	300	N	N	<20	<1.0	20	7.00	50	5.00	2,000
35	N	N	N	<20	N	10	.15	50	.10	300
36	200	N	N	500	2.0	100	.20	70	1.50	500
37	300	N	N	700	2.0	70	.70	100	2.00	700
38	20	N	N	300	<1.0	10	20.00	50	2.00	500
39	20	N	N	200	<1.0	<10	>20.00	50	1.00	500
40	100	N	N	500	2.0	20	.70	100	1.50	500
41	<10	N	N	300	1.0	15	.20	50	.20	100
42	50	N	N	700	1.5	20	.10	100	.70	200
43	20	N	N	700	1.5	30	.10	70	.15	100
44	20	N	N	200	1.0	15	.10	150	.20	700
45	100	N	N	500	2.0	20	1.00	100	1.50	3,000
80	<10	N	N	50	<1.0	20	7.00	50	5.00	500
81	<10	N	N	300	1.0	30	5.00	50	5.00	2,000
82	100	N	700	200	1.0	700	10.00	50	2.00	1,500
98	50	N	N	100	<1.0	70	.05	50	.15	50
99	100	N	N	500	1.0	70	10.00	50	1.50	700
158	700	N	N	1,500	1.0	30	5.00	70	5.00	1,500
159	100	N	N	500	2.0	150	.05	50	1.50	150
160	200	N	N	1,000	3.0	150	.15	100	2.00	300
161	500	N	N	20	<1.0	15	5.00	50	5.00	2,000
162	200	N	N	700	2.0	100	.50	70	3.00	2,000
163	150	N	N	500	2.0	100	5.00	70	3.00	3,000
164	100	N	N	500	1.0	70	.20	50	1.00	1,000
165	200	N	N	300	2.0	100	.10	50	2.00	1,500
166	100	N	N	300	2.0	100	10.00	70	3.00	700

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
1885	N	5	N	.050	N	150	N	20	30
1886	N	5	N	.050	N	100	N	10	30
1886A	N	N	700	.050	N	15	N	<10	20
1893A	N	N	N	.003	N	10	N	N	10
				Wiseman B5--continued					
19	<20	<5	200	.005	N	<10	N	10	<10
20	<20	20	1,000	.050	N	70	N	15	30
21	<20	5	1,000	.150	N	50	N	20	200
22	<20	7	<100	.200	N	50	N	20	500
23	<20	5	<100	.150	N	30	N	20	100
24	N	N	500	.050	N	<10	N	10	20
25	<20	10	200	.300	N	50	N	50	200
26	<20	20	200	.500	N	150	N	50	200
33	<20	20	100	.500	N	200	N	20	150
34	<20	50	300	.700	N	300	N	30	100
35	<20	N	N	.050	N	<10	N	30	50
36	<20	20	100	.500	N	200	N	30	150
37	<20	20	<100	1.000	N	200	N	70	150
38	<20	5	700	.100	N	20	N	10	70
39	<20	<5	1,000	.100	N	15	N	10	50
40	<20	15	150	.500	N	100	N	150	150
41	<20	N	N	.050	N	15	N	10	150
42	<20	10	N	.500	N	70	N	30	500
43	<20	5	N	.200	N	30	N	70	500
44	<20	5	N	.200	N	50	N	50	300
45	<20	15	100	.300	N	100	N	50	150
80	<20	<5	100	.100	N	10	<50	<10	<10
81	<20	30	300	1.000	N	200	<50	30	150
82	<20	10	200	.200	N	70	<50	20	50
98	<20	5	N	.100	N	70	N	10	50
99	<20	5	500	.200	N	70	N	20	200
158	<20	50	500	.500	N	300	N	30	100
159	<20	15	<100	.500	N	70	N	50	300
160	<20	20	100	.500	N	200	N	30	200
161	<20	50	200	.700	N	300	N	50	100
162	<20	20	100	.500	N	200	N	50	200
163	<20	20	300	.300	N	150	N	30	200
164	<20	15	100	.300	N	150	N	30	150
165	<20	20	<100	.500	N	150	N	30	200
166	<20	10	300	.200	N	70	N	30	150

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
167	67 15 2	152 3 45	N		N				N		N
168	67 16 42	152 9 34	N		N				N		N
221	67 20 55	152 17 29	N		N		<10		N		N
223	67 22 3	152 16 55	N		N		<10		N		N
227	67 20 38	152 19 41	N		N		<10		N		N
273	67 18 17	152 13 27	N		N		20		N		N
277	67 28 39	152 2 43	N		200		160		N		N
279	67 24 54	152 0 24	N		N		<10		N		N
280	67 21 3	152 26 54	N		N		<10		N		N
287	67 20 44	152 19 31	N		N		<10		N		N
327	67 19 47	152 26 49	N		N		N		N		N
328	67 19 17	152 26 21	N		N		10		N		N
329	67 29 49	152 2 19	N		N		N		N		N
330	67 22 5	152 13 43	N		N		<10		N		N
332	67 22 25	152 14 48	N		N		10		N		N
333	67 22 24	152 15 36	N		N		10		N		N
334	67 23 28	152 15 7	N		N		10		N		N
335	67 24 23	152 17 29	N		N		<10		N		N
336	67 24 15	152 16 46	N		N		10		N		N
346	67 22 7	152 16 55	N		N		<10		N		N
371	67 20 2	152 21 26	N		N		20		N		N
1912A	67 25 18	152 28 46	N	N2	N	15			N	N	N
1912B	67 25 18	152 28 46	N	N	N	<5			N	N	N
			Wiseman B6--continued								
54	67 21 21	152 58 9	N		N				N		N
55	67 25 32	152 50 55	N		N				N		N
56	67 24 44	152 52 6	N		N				N		N
57	67 24 46	152 52 28	N		N				N		<.5
83	67 28 49	152 38 8	N		N				N		N
87	67 15 36	152 54 53	N		N				N		N
169	67 23 35	152 45 10	N		N				N		N
170	67 25 7	152 54 32	N		N				N		N
171	67 25 19	152 54 54	N		N				N		1.0
172	67 23 40	152 53 5	N		N				N		N
173	67 23 36	152 56 1	N		N				N		N
174	67 15 27	152 53 11	N		N				N		N
175	67 15 33	152 53 59	N		N				N		N
176	67 16 1	152 55 5	N		N				N		N
178	67 16 46	152 55 46	N		N				N		N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
167	<5	30	<200	10.0	N	--	N	--	7.00	10	50
168	50	30	200	80.0	N	--	N	--	7.00	30	100
221	20	70	N	40.0	N	--	N	--	3.00	10	10
223	70	30	<200	30.0	N	--	<10	--	3.00	<5	<5
227	50	50	N	15.0	N	--	N	--	1.50	<5	<5
273	150	20	N	45.0	N	--	N	--	7.00	50	200
277	30	30	N	15.0	N	--	N	--	2.00	30	10
279	<5	10	N	5.0	N	--	N	--	.07	N	N
280	<5	100	5,000	1,100.0	N	--	N	--	10.00	20	15
287	7	30	N	20.0	N	--	N	--	5.00	50	30
327	20	20	N	35.0	N	--	N	--	3.00	<5	5
328	10	50	N	55.0	N	--	N	--	5.00	30	70
329	N	100	N	60.0	N	--	N	--	2.00	10	5
330	<5	70	N	15.0	N	--	N	--	1.00	<5	<5
332	<5	50	N	15.0	N	--	N	--	.70	<5	5
333	N	10	N	10.0	N	--	N	--	.70	<5	5
334	30	50	N	40.0	N	--	N	--	3.00	15	20
335	N	10	N	15.0	N	--	N	--	.20	N	N
336	30	20	N	70.0	N	--	N	--	7.00	20	50
346	20	20	N	30.0	N	--	N	--	5.00	20	30
371	<5	20	N	35.0	N	--	N	--	5.00	20	30
1912A	10	N	N	10.0	N	N	N	--	.50	N	N
1912B	7	<10	N	15.0	N	N	N	--	.50	N	N
Wiseman B6--continued											
54	200	150	N	30.0	N	--	N	--	5.00	70	50
55	50	50	500	350.0	N	--	N	--	5.00	20	30
56	30	100	200	5.0	N	--	N	--	7.00	10	30
57	100	20	500	20.0	N	--	N	--	>20.00	20	15
83	30	20	N	20.0	N	--	N	--	20.00	<5	30
87	20	20	N	20.0	N	--	N	--	1.50	<5	10
169	<5	20	N	5.0	N	--	N	--	1.00	<5	<5
170	<5	<10	N	50.0	N	--	N	--	.05	<5	<5
171	20	50	N	5.0	N	--	N	--	1.00	<5	20
172	10	30	N	5.0	N	--	N	--	2.00	<5	<5
173	5	30	N	5.0	N	--	N	--	2.00	<5	<5
174	5	100	200	95.0	N	--	N	--	10.00	30	30
175	100	100	200	85.0	N	--	N	--	7.00	20	70
176	20	100	<200	55.0	N	--	N	--	2.00	10	10
178	70	20	200	60.0	N	--	N	--	3.00	20	20

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
167	300	N	N	1,000	2.0	20	5.00	50	3.00	1,500
168	200	N	N	500	2.0	100	.50	70	3.00	2,000
221	20	70	N	700	2.0	20	.70	100	.70	500
223	100	N	N	500	3.0	500	3.00	70	1.50	700
227	<10	N	N	500	5.0	30	.50	70	.30	200
273	300	N	N	500	2.0	50	10.00	30	3.00	3,000
277	N	N	N	200	N	10	20.00	50	1.00	1,000
279	30	N	N	100	N	10	>20.00	<20	2.00	300
280	20	N	N	500	2.0	50	.30	100	1.00	500
287	100	N	N	300	1.0	20	3.00	30	3.00	1,500
327	70	N	N	1,000	2.0	100	.10	30	1.00	200
328	150	N	N	1,000	2.0	150	5.00	70	2.00	2,000
329	50	N	N	20	N	<10	>20.00	30	7.00	2,000
330	50	N	N	200	<1.0	70	>20.00	30	5.00	1,000
332	70	N	N	200	<1.0	<10	>20.00	30	1.50	700
333	50	N	N	200	<1.0	70	15.00	30	1.50	2,000
334	100	N	N	700	2.0	200	15.00	50	1.50	3,000
335	N	N	N	100	<1.0	20	20.00	30	3.00	200
336	150	N	N	1,000	2.0	200	.20	50	2.00	500
346	20	N	N	1,000	200.0	20	1.00	70	1.00	500
371	100	N	N	700	1.0	100	1.00	50	2.00	1,500
1912A	N	N	N	N	<1.0	N	20.00	N	.15	200
1912B	<10	N	N	N	N	N	20.00	N	3.00	200
				Wiseman B6--continued						
54	70	N	N	500	2.0	100	.50	70	1.00	150
55	50	N	N	50	<1.0	15	.10	50	.10	1,500
56	100	N	N	300	<1.0	10	7.00	50	5.00	2,000
57	30	N	N	70	1.0	20	2.00	50	.50	100
83	50	N	N	150	<1.0	20	.20	50	.50	>5,000
87	<10	N	N	2,000	2.0	100	<.05	50	.10	50
169	<10	N	70	200	3.0	50	.50	50	.30	200
170	N	N	N	100	<1.0	50	.05	50	.02	50
171	100	N	N	>5,000	1.0	50	<.05	50	.05	150
172	<10	N	20	500	3.0	50	.10	50	.30	200
173	<10	N	N	1,000	2.0	20	.10	50	.50	200
174	100	N	N	300	1.5	100	7.00	50	5.00	5,000
175	200	N	N	700	3.0	100	.20	70	2.00	1,000
176	100	N	N	500	1.0	30	10.00	50	5.00	5,000
178	50	N	N	1,000	1.5	20	.15	70	1.00	1,000

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
167	<20	20	200	.300	N	100	N	30	300
168	<20	30	100	.500	N	150	N	30	200
221	<20	10	100	.300	N	70	N	50	200
223	<20	20	300	.500	N	100	N	50	300
227	<20	5	N	.200	N	30	N	70	70
273	<20	10	300	.700	N	150	N	30	200
277	N	5	200	.050	N	20	N	50	<10
279	N	5	700	.100	N	20	N	10	70
280	<20	10	N	.500	N	70	N	30	300
287	<20	50	700	.300	N	200	N	30	50
327	<20	15	300	.300	N	100	N	20	100
328	<20	30	N	.700	N	200	N	70	300
329	N	5	500	.500	N	30	N	20	<10
330	N	5	300	.150	N	20	N	20	200
332	N	<5	300	.100	N	30	N	15	100
333	<20	<5	2,000	.200	N	20	N	20	200
334	<20	20	1,000	.300	N	100	N	50	200
335	N	N	1,000	.030	N	<10	N	<10	20
336	<20	30	500	.700	N	200	N	50	300
346	<20	20	200	.500	N	100	N	50	200
371	<20	20	700	.300	N	150	N	50	100
1912A	N	N	500	.015	N	<10	N	N	<10
1912B	N	N	1,000	.020	N	15	N	N	10
				Wiseman B6--continued					
54	<20	10	N	.300	N	50	N	30	150
55	<20	7	N	.100	N	70	N	20	100
56	<20	30	300	.500	N	200	N	30	100
57	<20	N	300	.100	N	50	N	20	50
83	<20	7	<100	.050	N	70	<50	20	30
87	<20	5	N	.300	N	50	50	20	300
169	<20	<5	N	.050	N	<10	N	20	100
170	<20	<5	N	.100	N	20	N	<10	70
171	<20	5	200	.200	N	100	N	10	70
172	<20	5	N	.100	N	10	N	30	150
173	<20	10	N	.300	N	50	N	50	300
174	<20	20	300	.200	N	100	<50	50	150
175	<20	20	<100	.300	N	200	<50	50	200
176	<20	7	300	.150	N	50	N	20	100
178	<20	10	N	.200	N	70	N	20	150

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
179	67 17 0	152 55 10	N		N		--	--	N		N
217	67 24 30	152 43 6	N		N		--	--	N		N
218	67 18 51	152 55 18	100		1,500		300	--	N		100.0
219	67 18 51	152 55 18	N		N		10	--	N		<.5
220	67 18 51	152 55 18	N		500		200	--	N		20.0
222	67 22 13	152 38 25	N		N		40	--	N		N
224	67 24 24	152 45 56	200		N		60	--	N		20.0
225	67 24 2	152 45 18	N		N		60	--	N		7.0
226	67 24 59	152 48 34	N		N		<10	--	N		N
228	67 21 39	152 39 16	N		N		--	--	N		100.0
229	67 21 54	152 38 40	N		N		20	--	N		N
230	67 22 2	152 39 7	N		N		60	--	N		N
231	67 19 52	152 36 13	N		N		<10	--	N		N
232	67 19 52	152 36 13	N		N		<10	--	N		N
234	67 20 17	152 49 49	N		N		20	--	N		N
235	67 20 17	152 49 49	N		N		N	--	N		N
236	67 18 9	152 47 48	N		N		N	--	N		N
281	67 19 28	152 35 3	N		N		<10	--	N		N
282	67 19 28	152 35 3	N		N		20	--	N		N
283	67 19 17	152 34 20	N		N		20	--	N		N
285	67 28 49	152 38 8	N		N		30	--	N		N
286	67 22 39	152 31 31	N		N		10	--	N		N
288	67 24 18	152 45 56	N		N		60	--	N		2.0
289	67 27 11	152 51 29	N		N		10	--	N		N
290	67 27 21	152 51 35	N		N		20	--	N		1.5
292	67 21 20	152 41 33	N		N		10	--	N		N
293	67 20 2	152 40 40	N		N		10	--	N		N
294	67 19 48	152 40 50	N		N		20	--	N		N
295	67 19 29	152 34 31	N		N		<10	--	N		N
296	67 19 14	152 35 7	N		N		60	--	N		N
297	67 19 2	152 34 13	N		N		30	--	N		N
298	67 18 52	152 34 50	N		N		<10	--	N		N
299	67 19 38	152 40 38	N		N		<10	--	N		N
300	67 16 25	152 36 59	N		N		<10	--	N		N
301	67 16 52	152 35 51	N		N		<10	--	N		N
302	67 17 4	152 35 42	N		N		N	--	N		N
337	67 20 29	152 49 34	N		N		N	--	N		N
338	67 20 21	152 49 39	N		N		N	--	N		N
339	67 20 21	152 49 39	N		N		<10	--	N		N
340	67 19 36	152 49 41	N		N		10	--	N		N
341	67 19 40	152 49 52	N		N		N	--	N		N
362	67 18 39	152 55 28	N		N		10	--	N		N
363	67 19 28	152 52 47	N		N		20	--	N		N
364	67 19 34	152 52 58	N		N		10	--	N		N
365	67 21 5	152 54 19	N		N		10	--	N		N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
179	70	30	200	60.0	N	--	N	--	10.00	30	70
217	10	30	N	35.0	N	--	N	--	10.00	10	30
218	500	10,000	>10,000	40,000.0	200	--	N	--	20.00	100	150
219	10	300	<200	110.0	200	--	N	--	1.50	<5	5
220	200	1,500	500	100.0	N	--	N	--	7.00	10	20
222	<5	30	N	25.0	N	--	N	--	1.00	<5	<5
224	5,000	20	1,500	340.0	N	--	200	--	1.00	N	N
225	5,000	20	2,000	3,000.0	100	--	200	--	10.00	N	<5
226	20	70	N	25.0	N	--	N	--	1.50	<5	<5
228	>20,000	10	N	--	N	--	100	--	1.50	20	20
229	50	10	N	5.0	N	--	N	--	3.00	10	<5
230	30	10	N	40.0	N	--	N	--	3.00	5	5
231	20	20	N	35.0	N	--	N	--	2.00	10	20
232	50	70	N	80.0	N	--	N	--	5.00	70	500
234	50	N	N	35.0	N	--	N	--	10.00	50	30
235	N	20	N	30.0	N	--	N	--	5.00	20	20
236	200	10	<200	75.0	N	--	N	--	15.00	100	700
281	100	50	<200	10.0	N	--	N	--	3.00	20	20
282	5	300	300	220.0	N	--	N	--	7.00	20	50
283	<5	20	N	25.0	N	--	N	--	5.00	15	20
285	50	<10	N	30.0	N	--	N	--	10.00	10	30
286	5	100	N	15.0	N	--	N	--	2.00	10	10
288	200	20	1,500	100.0	N	--	70	--	2.00	10	5
289	5	50	N	5.0	N	--	N	--	1.00	<5	5
290	5	50	N	30.0	N	--	N	--	2.00	<5	5
292	7	20	N	<5.0	N	--	N	--	1.00	<5	<5
293	7	20	<200	75.0	N	--	N	--	3.00	10	30
294	10	70	<200	180.0	N	--	N	--	3.00	20	30
295	10	50	N	10.0	N	--	N	--	3.00	30	50
296	15	30	<200	55.0	N	--	N	--	3.00	10	20
297	50	30	500	160.0	N	--	N	--	3.00	50	70
298	10	10	N	40.0	N	--	N	--	3.00	30	50
299	300	50	<200	35.0	N	--	N	--	3.00	70	70
300	15	20	N	10.0	N	--	N	--	1.50	<5	10
301	<5	10	N	15.0	N	--	N	--	.50	<5	N
302	300	15	N	50.0	N	--	N	--	3.00	30	50
337	<5	30	<200	50.0	N	--	N	--	2.00	10	20
338	20	<10	300	60.0	N	--	N	--	15.00	50	30
339	20	<10	200	120.0	N	--	N	--	15.00	50	100
340	20	10	200	85.0	N	--	N	--	7.00	30	50
341	100	<10	<200	50.0	N	--	N	--	3.00	10	30
362	50	15	N	70.0	N	--	N	--	5.00	100	200
363	10	15	N	25.0	N	--	N	--	2.00	10	15
364	200	N	N	55.0	N	--	N	--	7.00	70	150
365	<5	<10	N	30.0	N	--	N	--	1.50	10	5

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
179	200	N	N	1,000	2.0	150	.15	70	2.00	500
217	50	N	N	100	<1.0	50	10.00	50	.70	1,000
218	20	N	N	500	<1.0	50	5.00	<20	.20	1,000
219	<10	N	N	700	3.0	20	7.00	50	.50	500
220	20	N	N	1,000	<1.0	20	<.05	<20	.10	20
222	20	N	N	500	1.0	20	.05	50	.20	100
224	N	N	700	N	20.0	2,000	>20.00	50	.50	1,500
225	N	N	1,000	20	2.0	50	>20.00	<20	10.00	2,000
226	<10	N	N	200	3.0	50	.50	70	.20	200
228	50	N	N	100	<1.0	50	10.00	50	2.00	5,000
229	10	N	N	500	2.0	50	.10	70	.30	70
230	70	N	N	300	2.0	150	.10	50	.50	1,000
231	70	N	N	1,000	2.0	50	.10	70	.70	150
232	700	N	N	200	1.0	50	2.00	200	3.00	2,000
234	150	N	N	500	1.0	50	.50	<20	3.00	50
235	150	N	N	100	1.0	1,000	15.00	30	7.00	1,000
236	1,000	N	N	3,000	2.0	50	1.00	50	3.00	1,500
281	150	N	N	2,000	2.0	50	7.00	50	3.00	200
282	50	N	N	200	1.0	10	10.00	70	1.50	5,000
283	100	N	N	1,500	3.0	200	1.00	70	1.50	5,000
285	N	N	N	N	<1.0	70	.10	50	.50	>5,000
286	10	N	N	1,000	2.0	30	.20	50	.70	300
288	N	N	150	50	1.0	150	20.00	30	5.00	2,000
289	N	N	50	500	7.0	150	.50	<20	.30	300
290	N	<5	20	300	5.0	50	.70	100	.50	300
292	<10	N	N	300	1.0	70	.05	30	.30	30
293	100	N	N	500	2.0	150	<.05	50	.50	100
294	30	N	N	300	1.0	50	.20	100	.70	1,000
295	50	<5	N	200	1.0	10	15.00	50	5.00	2,000
296	100	N	N	500	2.0	150	.10	50	1.00	1,000
297	100	N	N	700	3.0	200	.07	50	1.00	500
298	100	N	N	700	2.0	50	.07	100	1.50	700
299	150	N	N	700	2.0	50	5.00	100	2.00	2,000
300	<10	N	N	300	<1.0	20	7.00	50	.70	200
301	N	N	N	100	N	N	15.00	N	7.00	300
302	100	N	N	200	1.0	200	.20	100	1.00	1,000
337	100	N	N	1,000	1.5	100	10.00	30	5.00	1,000
338	70	N	N	700	N	50	5.00	30	3.00	150
339	300	N	N	50	N	20	.30	30	7.00	150
340	70	N	N	1,000	2.0	150	.10	50	.70	2,000
341	200	N	N	300	1.0	30	1.50	30	5.00	100
362	700	N	N	1,000	<1.0	20	7.00	100	5.00	2,000
363	70	N	N	500	1.0	150	7.00	50	5.00	1,500
364	200	N	N	200	N	20	2.00	30	5.00	1,500
365	20	N	N	300	2.0	150	.50	50	1.00	200

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
179	<20	20	N	.500	N	200	N	30	200
217	<20	15	200	.300	N	200	N	20	100
218	<20	5	300	.030	N	30	N	N	50
219	<20	10	300	.200	N	50	N	20	200
220	<20	N	N	.050	N	20	N	N	20
222	N	N	N	.200	N	20	N	20	200
224	N	N	<100	.050	N	<10	N	30	N
225	<20	N	<100	.020	N	<10	N	20	N
226	<20	5	N	.100	N	10	N	50	200
228	<20	10	200	.150	N	50	N	50	150
229	<20	5	N	.200	N	50	N	<10	500
230	<20	10	N	.200	N	100	N	20	100
231	<20	10	N	.500	N	100	N	50	500
232	<20	30	300	.700	N	200	N	70	300
234	<20	50	N	1.000	N	300	N	50	300
235	<20	20	300	.300	N	50	N	30	100
236	50	50	<100	>1.000	N	200	N	30	300
281	<20	50	500	.500	N	200	N	50	200
282	<20	15	1,000	.200	N	100	N	70	150
283	<20	30	100	.500	N	150	N	50	150
285	<20	5	N	.050	N	100	N	10	50
286	<20	15	150	.300	N	50	N	50	200
288	<20	10	2,000	.100	N	50	N	30	70
289	<20	5	100	.100	N	<10	N	100	150
290	<20	5	N	.200	N	20	N	70	200
292	<20	5	N	.200	N	50	N	30	150
293	<20	20	N	.500	N	150	N	20	300
294	<20	10	N	.300	N	50	N	50	200
295	<20	10	500	.200	N	100	N	30	50
296	<20	20	N	.500	N	150	N	70	500
297	<20	20	N	.500	N	200	N	70	200
298	<20	20	100	.700	N	100	N	70	200
299	<20	20	100	.700	N	200	N	50	200
300	<20	5	300	.200	N	50	N	15	200
301	<20	N	150	.020	N	<10	N	N	N
302	<20	15	<100	.500	N	100	N	50	200
337	<20	10	N	.200	N	70	N	30	100
338	<20	30	200	.500	N	300	N	50	70
339	<20	70	100	1.000	N	300	N	70	200
340	<20	20	N	.500	N	200	N	50	200
341	N	15	N	.200	N	70	N	30	100
362	<20	30	1,000	.500	N	200	N	30	100
363	<20	15	200	.200	N	100	N	20	100
364	<20	50	200	.500	N	200	N	20	100
365	<20	5	N	.200	N	30	N	20	300

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
366	67 19 20	152 52 35	N	--	N	--	10	--	N	--	N
367	67 18 11	152 53 23	N	--	N	--	20	--	N	--	N
1799	67 24 51	152 43 40	N	<2	N	N	--	--	N	N	<.5
1804A	67 28 51	152 38 22	N	2	200	110	--	--	N	N	<.5
1804B	67 28 51	152 38 22	N	<2	1,000	1,200	--	--	N	N	N
1804C	67 28 51	152 38 22	N	4	<200	210	--	--	N	N	1.0
1804D	67 28 51	152 38 22	N	N	N	20	--	--	N	N	N
2032A	67 29 48	152 56 12	N	N	N	N	--	--	N	N	N
2032B	67 29 48	152 56 12	N	N	N	5	--	--	N	N	N
2032C	67 29 46	152 56 2	N	N	N	5	--	--	N	N	N
2032D	67 29 44	152 55 51	N	N	N	15	--	--	N	N	N
2032E	67 29 44	152 55 35	N	N	N	25	--	--	N	N	N
2032F	67 29 47	152 55 24	N	3	N	25	--	--	N	N	.5
2035	67 22 26	152 56 42	N	2	N	10	--	--	N	N	N
2036	67 23 3	152 43 26	N	N	N	10	--	--	N	N	N
					Wiseman C1--continued						
1140	67 30 59	150 6 57	N	10	N	80	--	.06	N	N	N
1140A	67 30 59	150 6 57	N	N	N	10	--	.02	N	N	N
2038A	67 35 38	150 10 44	N	N	N	5	--	--	N	N	N
2038B	67 35 32	150 11 11	N	N	N	10	--	--	N	N	N
2038C	67 35 26	150 11 0	N	N	N	15	--	--	N	N	N
2039A	67 43 34	150 9 58	N	6	N	40	--	--	N	N	.7
2039B	67 43 34	150 9 58	N	2	N	5	--	--	N	N	.5
2039C	67 43 34	150 9 58	N	4	N	30	--	--	N	N	.5
2039D	67 43 34	150 9 58	N	9	N	100	--	--	N	N	.7
2039E	67 43 34	150 9 58	N	7	N	40	--	--	N	N	.7
2039F	67 43 40	150 10 14	N	5	N	45	--	--	N	N	.5
2039G	67 43 40	150 10 14	N	2	N	20	--	--	N	N	N
2039H	67 43 40	150 10 14	N	3	N	10	--	--	N	N	2.0
2039I	67 43 34	150 9 58	N	<2	N	15	--	--	N	N	N
2040	67 44 8	150 14 22	N	N	N	10	--	--	N	N	N
82ABE200	67 41 45	150 21 32	N	N	N	N	--	--	N	N	N
82ABE202	67 42 6	150 21 5	N	N	N	N	--	--	N	N	N
82ABE203	67 42 11	150 22 53	N	N	N	N	--	--	N	N	N
82ABE208	67 43 55	150 19 47	N	N	N	N	--	--	N	N	N
82ABE319	67 37 34	150 15 4	N	300	N	N	--	--	N	N	.7

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
366	70	<10	N	40.0	N	--	N	--	5.00	50	70
367	20	20	N	65.0	N	--	N	--	5.00	20	50
1799	150	15	N	100.0	N	N	N	--	5.00	30	50
1804A	<5	<10	N	<5.0	N	N	N	--	.70	N	<5
1804B	20	15	N	10.0	N	<.10	N	--	5.00	10	50
1804C	15	<10	N	25.0	N	<.10	N	--	1.50	7	20
1804D	20	N	N	10.0	N	N	N	--	.70	N	7
2032A	10	N	N	10.0	N	.10	N	--	.50	10	20
2032B	<5	N	N	10.0	N	.10	N	--	1.50	5	15
2032C	30	10	<200	130.0	N	.20	N	--	2.00	10	30
2032D	<5	N	N	5.0	N	.10	N	--	.07	N	N
2032E	<5	<10	N	5.0	N	.20	N	--	.15	N	N
2032F	7	<10	N	5.0	N	.10	N	--	.70	N	<5
2035	<5	<10	N	15.0	N	.10	N	--	.70	N	N
2036	N	N	N	5.0	N	.10	N	--	<.05	N	N
					Wiseman C1--continued						
1140	50	N	N	40.0	N	.20	N	--	1.00	7	20
1140A	30	<10	N	35.0	N	.20	N	--	1.00	20	20
2038A	5	N	N	110.0	N	1.50	N	--	.50	<5	10
2038B	20	15	N	95.0	N	.20	N	--	2.00	15	20
2038C	30	30	N	75.0	N	.10	N	--	3.00	20	20
2039A	30	20	<200	150.0	N	3.50	N	--	3.00	15	50
2039B	<5	<10	N	10.0	N	.10	N	--	.50	N	10
2039C	10	10	N	45.0	N	.50	N	--	1.00	N	20
2039D	20	15	N	150.0	N	1.80	N	--	2.00	10	50
2039E	30	15	N	180.0	N	.70	N	--	2.00	10	70
2039F	15	10	N	65.0	N	.40	N	--	1.00	7	30
2039G	5	N	N	30.0	N	.20	N	--	.70	5	50
2039H	10	<10	N	60.0	N	.20	N	--	1.00	<5	50
2039I	20	N	500	75.0	<20	1.00	N	--	.50	N	30
2040	100	N	N	80.0	N	.20	N	--	5.00	30	30
82ABE200	50	10	N	130.0	N	.20	N	N	3.00	15	30
82ABE202	70	N	N	55.0	N	.20	N	N	7.00	30	50
82ABE203	30	20	N	30.0	N	<.10	N	N	1.50	7	20
82ABE208	15	N	N	130.0	N	N	N	N	5.00	15	50
82ABE319	50	20	200	700.0	N	3.40	N	N	3.00	30	70

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
366	500	N	N	1,000	1.0	50	15.00	50	5.00	2,000
367	150	N	N	500	2.0	150	2.00	70	1.00	2,000
1799	70	N	N	N	<1.0	<10	3.00	N	2.00	1,500
1804A	10	N	N	1,000	<1.0	20	.05	N	.03	100
1804B	15	N	N	500	<1.0	30	.20	N	.05	500
1804C	10	N	N	30	N	10	.05	N	.05	1,000
1804D	15	N	N	700	<1.0	50	<.05	N	.07	300
2032A	10	N	N	50	1.0	20	.05	N	.05	150
2032B	15	N	N	30	<1.0	<10	2.00	N	.50	700
2032C	50	N	N	150	2.0	70	.07	50	.07	500
2032D	<10	N	N	50	N	<10	<.05	N	<.02	10
2032E	10	N	N	100	N	10	N	N	<.02	<10
2032F	15	N	N	70	N	15	<.05	N	.02	20
2035	N	N	N	N	N	N	10.00	N	3.00	700
2036	N	N	N	N	N	N	15.00	N	.30	100
				Wiseman C1--continued						
1140	15	N	N	150	1.0	150	.15	N	.50	3,000
1140A	10	N	N	100	N	50	.20	N	.50	3,000
2038A	<10	N	N	20	N	N	20.00	N	.20	500
2038B	30	N	N	100	1.0	150	1.00	N	.70	1,000
2038C	30	N	N	100	1.0	150	.70	20	1.00	1,500
2039A	70	<5	N	1,000	1.0	150	.20	N	.70	200
2039B	30	5	N	1,500	1.0	70	<.05	N	.07	50
2039C	20	15	N	1,500	1.0	70	.05	N	.07	150
2039D	30	10	N	1,000	<1.0	50	<.05	N	.10	200
2039E	20	10	N	1,000	<1.0	70	.05	N	.30	300
2039F	15	10	N	1,000	<1.0	70	<.05	N	.15	200
2039G	20	20	N	1,500	1.0	100	.05	N	.15	50
2039H	20	20	N	1,500	1.5	150	.05	N	.20	100
2039I	<10	N	N	200	N	10	.20	N	.10	200
2040	50	N	N	30	<1.0	<10	3.00	N	2.00	1,500
82ABE200	70	N	N	200	1.0	50	1.00	N	1.50	1,500
82ABE202	150	N	N	50	N	<10	5.00	N	3.00	1,500
82ABE203	N	N	N	150	N	30	.50	N	.50	500
82ABE208	50	N	N	500	1.0	70	.07	N	1.50	700
82ABE319	100	N	N	3,000	2.0	100	10.00	20	2.00	500

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
366	<20	50	300	.300	N	200	N	20	50
367	<20	20	N	.500	N	150	N	70	300
1799	N	30	300	.300	N	150	N	30	50
1804A	N	N	N	.070	N	50	N	<10	30
1804B	N	5	N	.050	N	50	N	<10	20
1804C	N	5	N	.100	N	50	N	N	30
1804D	N	<5	N	.100	N	50	N	<10	30
2032A	N	5	<100	.050	N	50	N	10	20
2032B	N	7	N	.030	N	70	N	<10	20
2032C	N	15	150	.200	N	100	N	20	50
2032D	N	<5	N	.030	N	30	N	<10	15
2032E	N	5	N	.050	N	50	N	<10	20
2032F	N	<5	<100	.070	N	100	N	10	30
2035	N	N	N	.003	N	15	N	N	10
2036	N	N	500	.005	N	<10	N	N	N
				Wiseman C1--continued					
1140	N	7	<100	.100	N	70	N	20	30
1140A	N	5	N	.070	N	50	N	10	30
2038A	N	N	300	.020	N	10	N	<10	15
2038B	N	15	150	.200	N	70	N	20	50
2038C	N	15	150	.200	N	100	N	20	70
2039A	N	15	200	.200	N	150	N	20	50
2039B	N	7	100	.150	N	200	N	<10	50
2039C	N	10	100	.150	N	300	N	10	50
2039D	N	7	<100	.100	N	150	N	10	30
2039E	N	10	<100	.100	N	200	N	20	30
2039F	N	7	<100	.100	N	150	N	15	30
2039G	N	7	100	.100	N	200	N	20	50
2039H	N	10	100	.150	N	200	N	30	50
2039I	N	<5	N	.020	N	50	N	N	10
2040	N	30	100	.300	N	200	N	50	50
82ABE200	N	15	100	.300	N	150	N	10	70
82ABE202	N	30	100	.500	N	500	N	20	50
82ABE203	N	N	N	.100	N	70	N	10	70
82ABE208	N	15	N	.200	N	200	N	15	100
82ABE319	N	10	300	.150	N	300	N	20	50

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
82ABE320	67 39 4	150 27 2	N	5	N	N	--	--	N	N	N
82ABE322	67 40 5	150 28 14	N	2	N	5	--	--	N	N	N
82ADU3AG	67 41 45	150 20 16	N	N	N	5	--	--	N	N	N
82TM95AG	67 36 32	150 18 49	N	N	N	10	--	--	N	N	N
				Wiseman C2--continued							
1990	67 36 17	150 35 32	N	13	N	45	--	--	N	N	<.5
81ABE65D	67 44 48	150 44 22	N	N	N	10	--	--	N	N	N
81ABE66A	67 44 12	150 51 30	N	<2	N	10	--	--	N	N	N
81ABE75D	67 37 21	150 32 5	N	10	N	30	--	--	N	N	1.0
82ABE290	67 37 39	150 56 30	N	N	N	N	--	--	N	N	N
82ABE291	67 37 20	150 52 49	N	N	N	5	--	--	N	N	N
82ABE292	67 37 8	150 50 28	N	N	N	N	--	--	N	N	N
82ABE297	67 43 33	150 52 38	N	2	N	N	--	--	N	N	N
82ABE297	67 43 33	150 52 38	N	N	N	N	--	--	N	N	N
82ABE302	67 33 6	150 33 8	2,000	600	N	5	--	--	N	N	N
82ABE302	67 33 6	150 33 8	500	300	N	5	--	--	N	N	N
82ABE302	67 33 6	150 33 8	500	450	N	15	--	--	N	N	N
82ABE302	67 33 6	150 33 8	100	22	N	N	--	--	N	N	N
82ABE302	67 32 43	150 32 52	200	210	N	N	--	--	N	N	N
82ABE302	67 32 35	150 32 46	N	12	N	N	--	--	N	N	1.0
82ABE302	67 32 25	150 32 46	1,000	N	N	N	--	--	N	N	.5
82ABE315	67 44 3	150 51 18	N	5	N	N	--	--	N	N	N
82ABE316	67 43 48	150 46 42	N	3	N	5	--	--	N	N	N
82TM69AG	67 35 31	150 48 26	N	N	N	15	--	--	N	N	N
82TM70AG	67 34 54	150 47 52	N	N	N	15	--	--	N	N	N
82TM71AG	67 33 52	150 48 1	N	N	N	30	--	--	N	N	N
82TM74AG	67 35 52	150 53 6	N	N	N	20	--	--	N	N	N
82TM76AG	67 36 16	150 54 17	N	<2	N	15	--	--	N	N	N
82TM77AG	67 33 25	150 43 10	N	N	N	35	--	--	N	N	N
82TM79BG	67 32 49	150 41 32	N	N	N	15	--	--	N	N	N
82TM83AG	67 30 41	150 42 42	N	N	N	10	--	--	N	N	N
				Wiseman C3--continued							
53	67 32 30	151 27 33	N		<200		--		N		N
251	67 32 38	151 25 51	N		N		40		N		N
252	67 33 57	151 15 34	N		N		1		N		N
262	67 35 19	151 19 16	N		N		1		N		N
263	67 34 3	151 19 25	N		N		1		N		N
264	67 32 55	151 22 16	N		N		30		N		1.0
265	67 34 12	151 26 51	N		N		10		N		N
318	67 37 39	151 27 22	N		N		<10		N		N
319	67 37 29	151 27 5	N		N		<10		N		N
324	67 31 53	151 20 39	N		N		10		N		N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
82ABE320	50	N	N	120.0	N	.20	N	N	1.50	N	20
82ABE322	100	N	<200	100.0	N	.10	N	N	7.00	30	50
82ADU3AG	<5	15	N	30.0	N	.40	N	N	1.50	N	5
82TM95AG	70	10	<200	45.0	N	N	N	N	7.00	30	50
				Wiseman C2--continued							
1990	20	20	<200	160.0	N	1.10	N	--	.70	<5	30
81ABE65D	50	<10	200	<5.0	N	.45	N	N	10.00	15	5
81ABE66A	<5	30	N	140.0	N	<.05	N	N	.70	N	5
81ABE75D	30	50	N	70.0	N	.45	N	N	2.00	5	70
82ABE290	100	N	<200	110.0	N	N	N	N	5.00	20	50
82ABE291	100	10	<200	115.0	N	<.10	N	N	7.00	30	70
82ABE292	20	N	N	75.0	N	<.10	N	N	5.00	15	30
82ABE297	5	10	N	85.0	N	.10	N	N	3.00	N	<5
82ABE297	N	N	N	60.0	N	.10	N	N	.70	N	5
82ABE302	15	N	N	50.0	N	N	N	N	5.00	20	30
82ABE302	7	N	N	30.0	N	<.10	N	N	3.00	10	20
82ABE302	7	N	N	10.0	N	N	N	N	1.00	5	10
82ABE302	N	10	N	10.0	N	N	N	N	3.00	5	15
82ABE302	150	100	<200	250.0	N	.10	N	6	.20	N	5
82ABE302	7	150	N	15.0	N	<.10	N	3	5.00	7	10
82ABE302	150	500	1,000	240.0	N	.30	N	8	.50	5	5
82ABE315	<5	N	N	30.0	N	N	N	N	.70	N	5
82ABE316	100	N	300	170.0	N	.40	N	N	7.00	50	70
82TM69AG	100	10	<200	70.0	N	.30	N	N	7.00	20	50
82TM70AG	7	N	<200	70.0	N	.20	N	N	7.00	20	50
82TM71AG	70	15	<200	45.0	N	.10	N	N	7.00	30	50
82TM74AG	150	10	<200	70.0	N	.20	N	N	7.00	20	50
82TM76AG	50	15	N	35.0	N	.10	N	N	7.00	20	50
82TM77AG	50	10	N	35.0	N	.10	N	N	7.00	30	70
82TM79BG	10	N	N	10.0	N	.30	N	N	1.50	<5	5
82TM83AG	10	N	N	5.0	N	.10	N	N	1.50	N	5
				Wiseman C3--continued							
53	50	20	<200	20.0	N	--	N	--	2.00	15	20
251	50	20	N	60.0	N	--	N	--	3.00	10	50
252	50	10	N	45.0	N	--	N	--	2.00	20	50
262	20	20	N	85.0	N	--	N	--	5.00	30	100
263	50	50	<200	100.0	N	--	N	--	5.00	50	200
264	20	70	<200	40.0	N	--	N	--	5.00	10	70
265	<5	N	N	5.0	N	--	N	--	<.05	N	N
318	5	<10	N	N	N	--	N	--	.05	10	<5
319	<5	<10	N	15.0	N	--	N	--	5.00	30	50
324	<5	N	N	25.0	N	--	N	--	2.00	20	20

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
82ABE320	20	N	N	700	<1.0	50	2.00	N	.50	70
82ABE322	150	N	N	3,000	2.0	150	.30	N	.50	2,000
82ADU3AG	N	N	N	20	<1.0	N	20.00	N	2.00	700
82TM95AG	100	N	N	500	2.0	200	.07	20	1.50	1,000
				Wiseman C2--continued						
1990	15	10	N	700	1.0	70	.30	N	.15	100
81ABE65D	30	N	N	100	1.0	30	1.00	N	.70	1,500
81ABE66A	N	N	N	1,000	7.0	150	<.05	N	.07	50
81ABE75D	100	70	N	2,000	1.0	200	<.05	N	1.00	70
82ABE290	100	N	N	200	1.0	70	.07	N	2.00	700
82ABE291	100	N	N	300	1.0	150	3.00	N	1.50	1,500
82ABE292	50	N	N	200	<1.0	50	.70	N	1.50	500
82ABE297	N	N	N	1,000	3.0	50	N	20	.10	500
82ABE297	N	N	N	70	1.0	15	.30	N	<.02	500
82ABE302	100	N	N	300	1.5	100	1.00	20	2.00	1,000
82ABE302	20	N	N	70	<1.0	50	5.00	N	1.50	2,000
82ABE302	N	N	N	30	N	15	.50	N	.30	300
82ABE302	N	N	N	20	N	10	5.00	N	2.00	3,000
82ABE302	N	N	N	20	N	<10	.07	N	.02	20
82ABE302	20	N	N	100	<1.0	20	10.00	N	2.00	5,000
82ABE302	N	N	N	50	N	10	<.05	N	.05	100
82ABE315	N	N	N	700	3.0	100	<.05	N	.05	30
82ABE316	150	N	N	200	1.5	70	.07	50	1.00	1,000
82TM69AG	100	N	N	300	1.5	70	2.00	30	1.50	1,500
82TM70AG	150	N	N	200	1.0	70	.50	20	1.50	500
82TM71AG	150	N	N	300	3.0	150	.20	20	2.00	700
82TM74AG	100	N	N	300	2.0	150	.30	20	1.50	1,500
82TM76AG	150	N	N	300	2.0	100	1.00	20	1.50	1,000
82TM77AG	100	N	N	500	2.0	200	.15	20	1.50	1,500
82TM79BG	N	N	N	N	N	10	1.00	N	.20	1,500
82TM83AG	50	N	N	300	1.0	150	.07	N	.30	150
				Wiseman C3--continued						
53	150	N	N	150	<1.0	20	10.00	50	1.00	1,500
251	100	<5	N	500	<1.0	150	15.00	30	2.00	1,500
252	100	N	N	300	1.0	70	.10	50	.50	300
262	100	N	N	300	1.0	70	.10	50	1.00	1,500
263	200	N	N	300	1.5	100	.10	50	1.00	700
264	200	N	N	1,000	1.5	100	.10	50	1.00	700
265	N	N	N	N	N	N	>20.00	30	.50	700
318	50	20	N	700	N	20	.05	30	.10	10
319	200	N	N	2,000	1.0	100	.05	30	2.00	500
324	70	N	N	200	1.0	70	.70	30	.30	200

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
82ABE320	N	5	200	.100	N	300	N	30	30
82ABE322	N	30	100	.500	N	300	N	20	150
82ADU3AG	N	N	500	.020	N	N	N	10	N
82TM95AG	N	20	N	.500	N	300	N	20	200
				Wiseman C2--continued					
1990	N	5	N	.100	N	200	N	10	50
81ABE65D	N	30	100	1.000	N	70	N	70	500
81ABE66A	<20	5	N	.200	N	20	N	30	500
81ABE75D	N	15	100	.300	N	300	N	20	100
82ABE290	N	20	N	.300	N	300	N	15	70
82ABE291	N	20	N	.500	N	300	N	20	150
82ABE292	N	10	N	.200	N	200	N	10	100
82ABE297	N	5	N	.150	N	N	N	50	300
82ABE297	N	N	N	.020	N	N	N	10	100
82ABE302	N	15	N	.300	N	200	N	20	200
82ABE302	N	10	100	.100	N	50	N	20	70
82ABE302	N	N	N	.070	N	10	N	N	20
82ABE302	N	10	300	.020	N	N	N	20	N
82ABE302	N	N	N	.010	N	N	N	N	N
82ABE302	N	10	300	.100	N	30	N	20	10
82ABE302	N	N	N	.050	N	N	N	N	N
82ABE315	N	N	N	.100	N	N	N	15	200
82ABE316	N	20	N	.500	N	300	N	70	300
82TM69AG	N	20	200	.300	N	300	N	30	150
82TM70AG	N	15	100	.500	N	200	N	20	100
82TM71AG	N	30	N	.500	N	300	N	30	150
82TM74AG	N	20	100	.300	N	200	N	20	200
82TM76AG	N	30	N	.500	N	300	N	30	300
82TM77AG	N	30	N	.300	N	300	N	50	100
82TM79BG	N	10	100	.150	N	20	N	20	100
82TM83AG	N	10	N	.150	N	100	N	20	70
				Wiseman C3--continued					
53	<20	10	200	.300	N	70	N	20	50
251	<20	20	300	.150	N	150	N	20	50
252	<20	15	N	.500	N	100	N	30	300
262	<20	20	<100	.500	N	100	N	50	500
263	<20	30	<100	.500	N	200	N	50	300
264	<20	30	<100	.500	N	300	N	50	300
265	N	N	2,000	.030	N	<10	N	N	N
318	<20	N	N	.500	N	150	N	10	20
319	<20	30	N	.700	N	150	N	30	200
324	<20	5	700	.200	N	100	N	20	150

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
2000	67 42 43	151 0 51	N	--	N	--	--	<.02	N	N	N
2200A	67 42 43	151 0 51	N	--	N	--	--	<.02	N	N	N
2221	67 44 56	151 9 53	N	--	N	--	--	<.02	N	N	N
2227	67 44 59	151 14 13	N	--	N	--	--	.26	N	N	1.0
2241	67 40 6	151 9 43	N	--	N	--	--	<.02	N	N	N
2242	67 40 6	151 9 43	N	--	N	--	--	<.02	N	N	N
2243	67 40 17	151 10 0	N	--	N	--	--	<.02	N	N	N
2244	67 40 17	151 10 0	N	--	N	--	--	.06	N	N	N
2246	67 40 23	151 10 11	N	--	N	--	--	.08	N	N	<.5
2249	67 42 12	151 8 8	N	--	N	--	--	.08	N	N	.7
2250	67 42 6	151 8 13	N	--	N	--	--	.12	N	N	1.0
2258A	67 43 14	151 1 34	N	--	N	--	--	.24	N	N	2.0
2258B	67 43 14	151 1 34	N	--	N	--	--	.06	N	N	.7
2258D	67 43 14	151 1 34	N	--	N	--	--	.12	N	N	.7
2258E	67 43 14	151 1 34	N	--	N	--	--	.02	N	N	.5
2258F	67 43 14	151 1 34	N	--	N	--	--	.16	N	N	1.0
2262	67 43 11	151 6 10	N	--	N	--	--	.10	N	N	N
81ABE51B	67 44 38	151 26 45	N	3	N	5	--	--	N	N	<.5
81ABE59A	67 39 44	151 14 16	N	3	N	N	--	--	N	N	N
81ABE60A	67 40 19	151 8 58	N	6	N	5	--	--	N	N	N
81ABE63	67 38 20	151 10 56	N	N	N	10	--	--	N	N	N
82ABE217	67 36 27	151 22 32	N	6	N	5	--	--	N	N	N
82ABE218	67 36 27	151 19 50	N	N	N	N	--	--	N	N	N
82ABE219	67 39 37	151 27 19	N	6	N	5	--	--	N	N	N
82ABE220	67 40 6	151 27 5	N	N	N	N	--	--	N	N	N
82ABE220	67 40 6	151 27 5	N	N	N	N	--	--	N	N	N
82ABE220	67 40 6	151 27 5	N	3	N	N	--	--	N	N	N
82ABE223	67 41 48	151 29 5	N	4	N	N	--	--	N	N	N
82ABE224	67 41 20	151 29 46	N	N	N	10	--	--	N	N	N
82ABE225	67 40 37	151 29 59	N	5	N	N	--	--	N	N	N
82ABE226	67 40 4	151 29 57	N	N	N	N	--	--	N	N	N
82ABE246	67 36 12	151 24 40	N	3	N	N	--	--	N	N	.5
82ABE247	67 36 35	151 19 19	N	N	N	N	--	--	N	N	N
82ABE249	67 34 54	151 12 51	N	N	N	N	--	--	N	N	N
82ABE250	67 34 12	151 10 50	N	N	N	N	--	--	N	N	N
82ABE252	67 34 12	151 9 41	N	N	N	N	--	--	N	N	N
82ABE254	67 30 18	151 5 27	N	N	N	N	--	--	N	N	N
82ABE256	67 32 22	151 12 42	N	N	N	N	--	--	N	N	N
82ABE282	67 43 16	151 1 27	N	4	N	N	--	.42	N	N	1.0
82ABE283	67 44 15	151 14 2	N	7	N	N	--	.02	N	N	N
82ABE284	67 40 52	151 9 31	N	N	N	N	--	<.02	N	N	N
82ABE284	67 40 52	151 9 31	N	N	N	5	--	--	N	N	.5
82ABE286	67 38 15	151 12 36	N	N	N	N	--	--	N	N	N
82ABE288	67 39 23	151 7 38	N	N	N	5	--	--	N	N	N
82ABE294	67 40 46	151 4 44	N	N	N	N	--	<.02	N	N	N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
2000	5	N	N	50.0	N	.30	N	N	.20	N	5
2200A	7	N	N	35.0	N	.20	N	N	.20	N	5
2221	20	<10	N	120.0	N	.40	N	N	5.00	20	20
2227	30	N	N	25.0	N	.10	N	N	1.00	N	20
2241	15	10	N	70.0	N	<.10	N	N	2.00	15	20
2242	20	<10	N	65.0	N	<.10	N	N	2.00	10	20
2243	15	10	N	50.0	N	<.10	N	N	2.00	5	7
2244	7	N	N	30.0	N	.20	N	N	1.00	5	10
2246	30	N	N	130.0	N	.20	N	N	5.00	10	N
2249	15	<10	N	30.0	N	<.10	N	N	2.00	N	15
2250	20	<10	N	35.0	N	.10	N	N	1.00	N	20
2258A	5	<10	N	10.0	N	.10	N	N	.50	N	15
2258B	7	<10	N	15.0	N	<.10	N	N	.50	N	10
2258D	5	N	N	15.0	N	<.10	N	N	.50	N	10
2258E	50	N	500	330.0	<20	4.40	N	N	5.00	20	200
2258F	5	<10	N	5.0	N	<.10	N	N	.50	N	20
2262	20	N	N	55.0	N	.10	N	N	1.50	5	20
81ABE51B	20	15	700	750.0	<20	6.00	N	[illegible]	1.50	7	50
81ABE59A	30	N	N	85.0	N	.30	N	[illegible]	7.00	50	50
81ABE60A	70	<10	N	130.0	N	.30	N	[illegible]	10.00	15	<5
81ABE63	10	N	N	180.0	N	.20	N	1	2.00	5	30
82ABE217	50	N	N	70.0	N	<.10	N	N	1.50	N	30
82ABE218	70	10	N	100.0	N	.20	N	N	5.00	20	50
82ABE219	50	10	N	100.0	N	.10	N	N	3.00	5	30
82ABE220	30	20	N	110.0	N	<.10	N	N	5.00	10	20
82ABE220	100	N	<200	150.0	N	<.10	N	N	15.00	50	50
82ABE220	20	N	N	65.0	N	.10	N	N	1.00	<5	20
82ABE223	50	N	<200	130.0	N	.40	N	N	1.50	<5	30
82ABE224	100	N	<200	145.0	N	.10	N	N	10.00	50	50
82ABE225	7	N	N	35.0	N	<.10	N	N	.50	N	15
82ABE226	20	15	N	85.0	N	<.10	N	N	5.00	10	30
82ABE246	15	N	N	10.0	N	<.10	N	N	.70	N	7
82ABE247	30	N	N	75.0	N	.10	N	N	7.00	30	50
82ABE249	50	20	<200	115.0	N	.10	N	N	5.00	20	70
82ABE250	150	N	<200	80.0	N	.10	N	N	10.00	70	70
82ABE252	50	20	200	145.0	N	.30	N	N	7.00	30	70
82ABE254	20	N	<200	85.0	N	<.10	N	N	10.00	50	50
82ABE256	30	30	200	160.0	N	.90	N	N	7.00	30	70
82ABE282	5	10	N	15.0	N	<.10	N	N	.70	N	15
82ABE283	50	N	N	65.0	N	.30	N	N	1.00	5	20
82ABE284	100	N	N	70.0	N	<.10	N	N	5.00	30	50
82ABE284	100	N	N	175.0	N	4.80	N	N	1.00	5	30
82ABE286	20	N	N	120.0	N	.20	N	N	3.00	20	50
82ABE288	20	N	N	95.0	N	.20	N	N	1.50	N	50
82ABE294	150	N	<200	100.0	N	.10	N	N	7.00	30	50

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
2000	N	N	N	N	N	<10	.20	N	<.02	500
2200A	N	N	N	<20	N	<10	.05	N	<.02	200
2221	30	N	N	100	1.0	<10	1.00	N	2.00	1,000
2227	20	15	N	1,000	1.0	50	<.05	N	.30	100
2241	30	N	N	200	1.0	20	.70	N	1.00	700
2242	20	N	N	500	1.0	20	.50	N	1.00	700
2243	30	N	N	150	1.0	20	1.00	N	1.00	700
2244	10	N	N	100	<1.0	15	.30	N	.30	200
2246	N	N	N	1,000	2.0	10	1.00	20	2.00	700
2249	30	7	N	300	1.5	100	.05	<20	.50	150
2250	20	15	N	150	1.0	70	.05	N	.50	100
2258A	30	15	N	200	1.0	70	<.05	N	.15	50
2258B	30	15	N	300	2.0	100	<.05	N	.20	100
2258D	20	10	N	150	<1.0	50	<.05	N	.15	70
2258E	500	N	N	500	1.0	20	2.00	N	3.00	1,500
2258F	20	20	N	200	1.0	70	<.05	N	.15	50
2262	20	N	N	150	1.0	70	.07	N	.50	150
81ABE51B	150	N	N	>5,000	1.0	70	.07	N	.50	200
81ABE59A	100	N	N	50	<1.0	<10	1.50	N	2.00	1,000
81ABE60A	N	N	N	200	1.0	<10	2.00	50	1.50	1,500
81ABE63	70	N	N	1,000	1.0	70	.10	N	.50	150
82ABE217	50	30	N	3,000	1.5	100	<.05	N	.50	50
82ABE218	150	N	N	200	<1.0	50	5.00	N	2.00	1,000
82ABE219	30	10	N	500	1.0	70	.20	N	1.50	100
82ABE220	70	N	N	300	1.0	70	.07	N	1.50	500
82ABE220	200	N	N	1,000	<1.0	20	.50	N	3.00	1,500
82ABE220	N	30	N	1,000	<1.0	30	N	N	.15	20
82ABE223	N	10	N	700	<1.0	20	N	N	.20	150
82ABE224	100	N	N	150	N	N	.10	N	5.00	1,500
82ABE225	N	N	N	300	<1.0	20	N	N	.15	30
82ABE226	100	N	N	700	1.5	50	.05	N	1.50	300
82ABE246	30	30	N	1,500	<1.0	70	<.05	N	.20	30
82ABE247	150	N	N	300	<1.0	20	1.50	N	2.00	1,000
82ABE249	150	N	N	700	3.0	150	.10	20	1.50	500
82ABE250	500	N	N	N	<1.0	<10	5.00	N	5.00	1,500
82ABE252	100	N	N	700	1.0	100	.70	20	1.50	1,500
82ABE254	150	N	N	N	N	10	3.00	20	5.00	1,500
82ABE256	100	N	N	2,000	1.0	100	3.00	N	2.00	1,500
82ABE282	100	10	N	500	1.0	100	N	N	.30	50
82ABE283	10	N	N	200	<1.0	50	.05	N	.20	200
82ABE284	50	N	N	300	N	10	3.00	N	3.00	1,000
82ABE284	10	N	N	500	N	20	7.00	N	1.00	1,000
82ABE286	70	N	N	200	N	20	.50	N	2.00	700
82ABE288	70	N	N	2,000	1.0	70	.10	20	.70	100
82ABE294	150	N	N	N	1.0	<10	5.00	N	5.00	1,500

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
2000	N	N	<100	.002	N	10	N	N	N
2200A	N	N	N	.002	N	10	N	N	10
2221	N	20	200	.700	N	100	N	50	70
2227	N	10	N	.100	N	700	N	10	30
2241	N	15	300	.200	N	100	N	20	30
2242	N	15	200	.150	N	100	N	20	30
2243	N	15	500	.200	N	100	N	20	50
2244	N	7	200	.100	N	70	N	10	30
2246	N	30	100	.700	N	100	N	70	150
2249	N	10	N	.200	N	200	N	50	100
2250	N	7	N	.150	N	500	N	20	50
2258A	N	5	N	.070	N	500	N	20	30
2258B	N	7	N	.150	N	700	N	15	50
2258D	N	5	N	.100	N	500	N	15	30
2258E	N	20	300	.300	N	150	N	20	50
2258F	N	7	N	.150	N	700	N	20	50
2262	N	7	N	.100	N	150	N	10	30
81ABE51B	N	15	N	.300	N	200	N	10	70
81ABE59A	N	30	100	1.000	N	150	N	50	150
81ABE60A	N	20	500	1.000	N	100	N	70	200
81ABE63	N	10	N	.200	N	300	N	30	100
82ABE217	N	10	N	.200	N	700	N	15	100
82ABE218	N	20	200	.200	N	300	N	20	70
82ABE219	N	7	N	.150	N	300	N	N	70
82ABE220	N	15	100	.200	N	150	N	N	100
82ABE220	N	30	N	1.000	N	500	N	30	100
82ABE220	N	N	N	.100	N	500	N	N	20
82ABE223	N	N	N	.070	N	300	N	N	15
82ABE224	N	30	100	1.000	N	500	N	30	100
82ABE225	N	N	N	.070	N	150	N	N	20
82ABE226	N	20	N	.300	N	200	N	15	150
82ABE246	N	N	N	.150	N	700	N	10	30
82ABE247	N	30	100	.150	N	300	N	30	100
82ABE249	N	20	N	.500	N	300	N	30	200
82ABE250	N	50	300	.500	N	500	N	30	50
82ABE252	N	30	N	.500	N	300	N	50	200
82ABE254	N	30	500	.500	N	300	N	50	50
82ABE256	N	20	150	.500	N	300	N	30	150
82ABE282	N	10	N	.200	N	700	N	20	70
82ABE283	N	N	N	.100	N	100	N	N	20
82ABE284	N	30	300	.700	N	300	N	20	70
82ABE284	N	N	200	.070	N	150	N	N	10
82ABE286	N	15	N	.150	N	300	N	N	30
82ABE288	N	5	N	.150	N	500	N	10	50
82ABE294	N	20	700	1.000	N	500	N	15	100

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
82ABE298	67 40 37	151 19 55	N	N	N	N	[illegible]	.02	N	N	.5
82TM51AG	67 32 41	151 11 7	N	N	N	10	[illegible]	[illegible]	N	N	N
82TM51BG	67 32 41	151 11 7	N	N	N	10	[illegible]	[illegible]	N	N	N
82TM51CG	67 32 41	151 11 7	N	N	N	10	[illegible]	[illegible]	N	N	N
82TM53AG	67 30 48	151 10 44	N	N	N	5	[illegible]	[illegible]	N	N	N
82TM53BG	67 30 48	151 10 44	N	N	N	10	[illegible]	[illegible]	N	N	N
82TM53CG	67 30 48	151 10 44	N	N	N	5	[illegible]	[illegible]	N	N	N
82TM53DG	67 30 48	151 10 44	N	N	N	10	[illegible]	[illegible]	N	N	N
82TM55AG	67 30 14	151 10 32	N	N	N	10	[illegible]	[illegible]	N	N	N
					Wiseman C4--continued						
9	67 30 36	151 55 55	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
10	67 31 13	151 57 17	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
11	67 31 9	151 57 22	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	<.5
102	67 34 55	151 38 20	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
103	67 34 27	151 38 35	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
104	67 34 8	151 38 35	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
105	67 33 28	151 34 59	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
106	67 33 11	151 34 32	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
107	67 31 48	151 56 3	N	[illegible]	N	[illegible]	[illegible]	[illegible]	N	[illegible]	N
238	67 30 13	151 58 24	N	[illegible]	N	[illegible]	20	[illegible]	N	[illegible]	N
239	67 36 24	151 53 26	N	[illegible]	N	[illegible]	<10	[illegible]	N	[illegible]	N
240	67 35 53	151 53 41	N	[illegible]	N	[illegible]	<10	[illegible]	N	[illegible]	N
241	67 35 47	151 53 8	N	[illegible]	N	[illegible]	N	[illegible]	N	[illegible]	N
242	67 35 47	151 52 36	N	[illegible]	N	[illegible]	20	[illegible]	N	[illegible]	N
243	67 34 48	151 52 50	N	[illegible]	N	[illegible]	<10	[illegible]	N	[illegible]	N
244	67 35 35	151 53 24	N	[illegible]	N	[illegible]	<10	[illegible]	N	[illegible]	10.0
245	67 35 31	151 53 35	N	[illegible]	N	[illegible]	10	[illegible]	N	[illegible]	N
246	67 35 30	151 54 18	N	[illegible]	N	[illegible]	10	[illegible]	N	[illegible]	N
247	67 33 49	151 57 22	N	[illegible]	N	[illegible]	10	[illegible]	N	[illegible]	N
248	67 33 22	151 57 11	N	[illegible]	N	[illegible]	<10	[illegible]	N	[illegible]	N
250	67 35 36	151 57 5	N	[illegible]	N	[illegible]	10	[illegible]	N	[illegible]	N
260	67 31 41	151 45 51	N	[illegible]	N	[illegible]	10	[illegible]	N	[illegible]	N
261	67 31 59	151 45 14	N	[illegible]	N	[illegible]	10	[illegible]	N	[illegible]	1.5
266	67 35 14	151 37 32	N	[illegible]	N	[illegible]	30	[illegible]	N	[illegible]	N
267	67 39 7	151 31 58	N	[illegible]	N	[illegible]	10	[illegible]	N	[illegible]	N
268	67 38 44	151 32 19	N	[illegible]	N	[illegible]	40	[illegible]	N	[illegible]	N
269	67 38 11	151 33 1	N	[illegible]	N	[illegible]	10	[illegible]	N	[illegible]	N
270	67 36 59	151 54 26	N	[illegible]	N	[illegible]	10	[illegible]	N	[illegible]	N
271	67 36 46	151 54 20	N	[illegible]	N	[illegible]	<10	[illegible]	N	[illegible]	1.5
272	67 37 9	151 54 37	N	[illegible]	N	[illegible]	20	[illegible]	N	[illegible]	N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
82ABE298	50	N	<200	160.0	N	.20	N	N	10.00	5	<5
82TM51AG	500	N	200	60.0	N	.30	N	N	15.00	100	100
82TM51BG	70	20	N	15.0	N	.20	N	N	2.00	10	20
82TM51CG	150	N	<200	35.0	N	.20	N	N	15.00	70	100
82TM53AG	30	N	<200	65.0	N	.20	N	N	7.00	5	7
82TM53BG	5	N	N	10.0	N	.10	N	N	2.00	<5	5
82TM53CG	30	10	500	65.0	N	.30	N	N	15.00	15	10
82TM53DG	100	10	300	95.0	N	.30	N	N	15.00	70	10
82TM55AG	10	10	N	35.0	N	.60	N	N	3.00	15	30
				Wiseman C4--continued							
9	50	100	<200	30.0	N	--	N	--	5.00	20	70
10	1,500	50	N	20.0	N	--	N	--	5.00	20	50
11	10,000	10	<200	110.0	N	--	N	--	7.00	30	100
102	50	30	N	60.0	N	--	N	--	5.00	20	50
103	30	30	N	45.0	N	--	N	--	3.00	20	50
104	10	50	<200	40.0	N	--	N	--	3.00	20	100
105	300	20	N	60.0	N	--	N	--	5.00	20	50
106	200	20	<200	70.0	N	--	N	--	5.00	30	100
107	<5	20	<200	40.0	N	--	N	--	5.00	20	50
238	300	15	N	160.0	N	--	N	--	15.00	70	50
239	300	10	<200	120.0	N	--	N	--	10.00	70	70
240	20	20	N	85.0	N	--	N	--	3.00	50	50
241	10	10	N	40.0	N	--	N	--	3.00	15	50
242	100	10	<200	90.0	N	--	N	--	5.00	15	70
243	30	10	N	45.0	N	--	N	--	3.00	15	50
244	7,000	<10	<200	90.0	N	--	<10	--	5.00	70	70
245	150	<10	500	35.0	N	--	N	--	20.00	70	100
246	10	20	<200	200.0	N	--	N	--	1.00	<5	<5
247	10	30	<200	100.0	N	--	N	--	7.00	50	100
248	150	50	N	50.0	N	--	N	--	3.00	20	50
250	20	10	N	50.0	N	--	N	--	2.00	10	20
260	20	20	N	30.0	N	--	N	--	3.00	50	50
261	70	20	N	40.0	N	--	N	--	5.00	50	50
266	100	N	<200	60.0	N	--	N	--	2.00	10	100
267	100	20	N	45.0	N	--	N	--	10.00	20	30
268	50	<10	<200	90.0	N	--	N	--	3.00	<5	70
269	150	20	N	65.0	N	--	N	--	7.00	15	70
270	20	10	N	10.0	N	--	N	--	.20	N	N
271	<5	30	N	160.0	N	--	10	--	5.00	70	70
272	300	20	N	120.0	N	--	N	--	3.00	20	70

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
82ABE298	N	N	N	1,500	2.0	30	1.00	N	3.00	500
82TM51AG	200	N	N	50	1.0	<10	10.00	N	3.00	3,000
82TM51BG	20	N	N	150	<1.0	50	20.00	N	5.00	300
82TM51CG	200	N	N	20	<1.0	<10	7.00	N	3.00	200
82TM53AG	N	50	N	70	<1.0	15	.70	N	1.00	2,000
82TM53BG	N	N	N	200	<1.0	10	.05	N	.50	150
82TM53CG	30	N	N	200	<1.0	<10	1.00	N	5.00	5,000
82TM53DG	30	N	N	50	<1.0	<10	2.00	N	1.50	3,000
82TM55AG	30	N	N	1,500	1.0	70	5.00	N	1.00	700
					Wiseman C4--continued					
9	200	N	N	700	1.5	50	10.00	50	2.00	3,000
10	150	N	N	500	2.0	100	.30	70	1.00	1,500
11	150	30	N	100	<1.0	20	2.00	50	2.00	2,000
102	150	<5	N	300	1.0	10	3.00	50	2.00	1,500
103	100	N	N	500	1.0	15	2.00	50	1.50	1,000
104	200	N	N	500	1.0	20	10.00	50	2.00	3,000
105	100	N	N	200	2.0	50	5.00	50	2.00	1,500
106	300	N	N	300	1.0	20	5.00	50	3.00	1,500
107	150	N	N	500	1.0	50	.30	50	2.00	1,000
238	50	N	N	50	N	50	1.50	30	2.00	2,000
239	100	N	N	500	N	50	2.00	30	2.00	3,000
240	100	N	N	500	2.0	100	1.50	50	.70	1,000
241	100	N	N	1,000	<1.0	100	<.05	50	.50	200
242	300	N	N	500	2.0	200	.70	50	1.50	1,000
243	200	N	N	200	2.0	100	.70	50	1.00	1,000
244	<10	100	N	100	1.0	50	2.00	50	1.50	1,500
245	500	N	N	1,500	N	50	1.50	50	.30	700
246	N	N	N	300	N	100	>20.00	50	1.50	1,000
247	200	N	N	700	2.0	20	.30	50	2.00	300
248	200	N	N	300	1.0	100	2.00	50	1.50	2,000
250	150	N	N	50	<1.0	20	.50	50	.70	1,500
260	100	N	N	300	1.0	100	.70	30	1.50	2,000
261	100	N	N	300	1.0	150	5.00	30	1.50	2,000
266	20	50	N	5,000	1.5	100	.20	30	.50	30
267	200	N	N	500	<1.0	50	2.00	30	2.00	2,000
268	20	20	N	500	N	50	<.05	30	.20	10
269	50	N	N	500	<1.0	100	1.00	30	2.00	200
270	N	N	N	<20	N	N	20.00	30	3.00	100
271	N	10	N	100	N	<10	10.00	30	5.00	200
272	150	20	N	1,000	5.0	200	.20	30	1.00	100

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
82ABE298	N	30	N	>1.000	N	500	N	30	150
82TM51AG	N	50	200	>1.000	N	700	N	100	200
82TM51BG	N	15	300	.200	N	200	N	15	70
82TM51CG	N	50	200	1.000	N	700	N	70	150
82TM53AG	N	30	N	.300	N	150	N	70	150
82TM53BG	N	10	N	.150	N	30	N	10	200
82TM53CG	N	30	100	.300	N	700	N	20	30
82TM53DG	N	50	200	.700	N	500	N	30	30
82TM55AG	N	10	100	.150	N	200	N	20	70
				Wiseman C4--continued					
9	<20	15	500	.300	N	100	N	20	100
10	<20	15	100	.500	N	100	N	30	300
11	<20	15	<100	.200	N	150	N	30	100
102	<20	20	300	.300	N	200	N	20	100
103	<20	15	200	.200	N	200	N	20	100
104	<20	20	300	.200	N	200	N	20	50
105	<20	20	200	.500	N	150	N	50	150
106	<20	20	200	.300	N	200	N	20	100
107	<20	20	200	.500	N	200	N	30	200
238	<20	50	500	.700	N	500	N	50	200
239	<20	50	200	1.000	N	500	N	70	200
240	<20	15	<100	1.000	N	100	N	20	200
241	<20	10	N	.500	N	100	N	20	300
242	<20	20	100	.700	N	200	N	50	500
243	<20	20	N	.500	N	150	N	30	300
244	<20	10	N	.200	N	100	N	30	50
245	<20	70	N	>1.000	N	700	N	50	300
246	N	5	2,000	.100	N	50	N	20	200
247	<20	20	<100	.500	N	200	N	50	300
248	<20	15	<100	.500	N	200	N	50	500
250	<20	10	N	.300	N	150	N	30	100
260	<20	20	100	.500	N	100	N	50	200
261	<20	30	100	.500	N	150	N	50	200
266	<20	10	N	.300	N	700	N	15	100
267	<20	50	300	.500	N	500	N	50	70
268	<20	5	N	.150	N	700	N	N	50
269	<20	30	200	.500	N	500	N	30	200
270	N	N	500	.050	N	10	N	N	70
271	<20	5	200	.050	N	50	N	20	<10
272	<20	30	300	.500	N	500	N	50	300

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
278	67 34 59	151 40 2	N		N		<10		N		N
320	67 33 37	151 38 40	N		N		20		N		N
321	67 33 28	151 42 19	N		N		N		N		N
322	67 35 2	151 37 53	N		N		10		N		N
323	67 34 53	151 38 4	N		N		<10		N		N
325	67 34 48	151 32 9	N		N		10		N		N
326	67 33 22	151 44 7	N		N		10		N		N
347	67 35 6	151 38 20	N		N		30		N		3.0
348	67 36 30	151 54 20	<100		N		20		N		2.0
349	67 35 3	151 40 2	N		N		<10		N		N
350	67 35 17	151 41 2	N		N		20		N		2.0
351	67 35 50	151 43 28	N		N		20		N		N
352	67 34 31	151 39 13	N		N		10		N		N
353	67 37 33	151 39 7	N		N		10		N		N
356	67 34 15	151 42 53	N		N		N		N		N
357	67 34 33	151 44 41	N		N		20		N		N
358	67 34 25	151 45 13	N		N		10		N		N
359	67 40 52	151 55 18	N		N		N		N		N
360	67 40 52	151 55 18	N		N		<10		N		N
361	67 40 27	151 55 44	N		N		<10		N		N
1787	67 30 54	151 32 11	N	6	<200	75			N	.25	N
81ABE80B	67 35 43	151 52 52	N	N	N	20			N	N	N
81ABE118	67 37 8	151 32 49	N	N	N	10			N	N	N
82ABE227	67 38 28	151 33 58	N	N	N	5			N	N	N
82ABE229	67 38 27	151 38 33	N	N	N	N			N	N	N
82ABE234	67 36 4	151 37 17	N	N	N	5			N	N	N
82ABE235	67 37 3	151 37 33	N	N	N	N			N	N	N
82ABE240	67 34 58	151 39 59	N	8	N	5			N	N	.5
82ABE241	67 35 0	151 34 47	N	10	N	5			N	N	1.0
82ABE242	67 35 17	151 33 55	N	N	N	N			N	N	N
82ADU7BG	67 34 39	151 31 16	N	6	N	55			N	N	N
82TM42AG	67 39 26	151 32 47	N	N	N	20			N	N	N
82TM43BG	67 40 17	151 32 51	N	N	N	10			N	N	N
82TM43CG	67 40 17	151 32 51	N	N	N	5			N	N	N
82TM44AG	67 41 6	151 33 27	N	N	N	30			N	N	N
82TM45AG	67 41 23	151 33 6	N	N	N	10			N	N	N
82TM46AG	67 38 16	151 38 32	N	N	N	5			N	N	N
82TM46BG	67 38 16	151 38 32	N	N	N	5			N	N	N
82TM47AG	67 38 49	151 38 34	N	N	N	25			N	N	N
82TM49AG	67 35 46	151 42 39	N	N	N	20			N	N	N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
278	30	10	N	30.0	N	--	N	--	1.50	10	30
320	10	200	N	75.0	N	--	N	--	10.00	70	100
321	100	20	N	45.0	N	--	N	--	5.00	20	50
322	<5	<10	N	15.0	N	--	N	--	.70	N	<5
323	<5	N	N	5.0	N	--	N	--	.10	N	N
325	50	50	N	30.0	N	--	N	--	2.00	15	50
326	70	30	N	75.0	N	--	N	--	5.00	30	70
347	100	N	N	35.0	N	--	N	--	.05	N	<5
348	20,000	N	N	20.0	N	--	N	--	2.00	<5	<5
349	20	N	N	5.0	N	--	N	--	.20	N	<5
350	70	10	500	N	N	--	N	--	2.00	10	50
351	30	20	N	50.0	N	--	N	--	5.00	15	50
352	50	<10	N	55.0	N	--	N	--	3.00	20	50
353	70	30	N	60.0	N	--	N	--	5.00	20	30
356	30	20	N	45.0	N	--	N	--	5.00	20	100
357	70	10	N	75.0	N	--	N	--	3.00	15	50
358	30	50	N	45.0	N	--	N	--	5.00	15	30
359	100	20	N	95.0	N	--	N	--	10.00	150	70
360	30	N	N	80.0	N	--	N	--	10.00	150	30
361	150	N	N	55.0	N	--	N	--	1.00	150	20
1787	10	<10	N	20.0	N	N	N	--	1.00	5	10
81ABE80B	300	N	N	70.0	N	.15	N	N	10.00	70	70
81ABE118	30	<10	N	10.0	N	<.05	N	<1	7.00	5	20
82ABE227	70	N	N	75.0	N	.10	N	N	10.00	50	70
82ABE229	70	N	200	100.0	N	N	N	N	10.00	20	70
82ABE234	20	N	<200	80.0	N	<.10	N	N	5.00	20	50
82ABE235	150	10	<200	80.0	N	N	N	N	7.00	30	50
82ABE240	20	N	N	50.0	N	.40	N	N	.70	N	10
82ABE241	100	N	<200	130.0	N	.30	N	N	2.00	15	50
82ABE242	5	N	N	20.0	N	<.10	N	N	.50	N	10
82ADU7BG	20	N	N	100.0	N	.70	N	N	1.50	5	30
82TM42AG	100	<10	N	30.0	N	.20	N	N	7.00	50	50
82TM43BG	50	10	N	25.0	N	.10	N	N	7.00	30	50
82TM43CG	100	10	N	30.0	N	.10	N	N	7.00	10	20
82TM44AG	100	N	N	40.0	N	.20	N	N	10.00	30	50
82TM45AG	<5	N	N	<5.0	N	.10	N	N	.15	N	5
82TM46AG	100	N	<200	30.0	N	.20	N	N	7.00	30	70
82TM46BG	70	10	<200	30.0	N	.20	N	N	7.00	30	70
82TM47AG	50	10	N	35.0	N	.20	N	N	5.00	20	70
82TM49AG	50	30	N	15.0	N	1.10	N	N	5.00	30	70

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
278	70	N	N	700	N	20	>20.00	50	2.00	1,000
320	100	N	N	200	<1.0	20	5.00	30	3.00	3,000
321	100	N	N	300	2.0	100	5.00	30	2.00	2,000
322	20	N	N	700	N	10	>20.00	<20	1.00	300
323	N	N	N	200	N	N	>20.00	<20	1.00	150
325	150	N	N	2,000	1.0	70	20.00	30	2.00	5,000
326	200	N	N	700	1.0	100	7.00	50	2.00	3,000
347	N	N	N	300	N	<10	15.00	N	.20	50
348	N	N	N	70	N	<10	10.00	N	.10	150
349	N	N	N	100	N	N	>20.00	<20	1.00	200
350	70	5	N	3,000	<1.0	100	.30	30	.50	<10
351	300	N	N	300	N	50	7.00	30	2.00	2,000
352	150	N	N	300	N	20	1.00	30	1.00	1,000
353	150	N	N	3,000	1.0	100	.70	50	2.00	5,000
356	150	N	N	200	<1.0	20	1.50	30	2.00	1,500
357	70	N	N	150	<1.0	30	3.00	30	2.00	1,500
358	150	N	N	700	1.0	100	3.00	30	2.00	1,500
359	150	N	N	100	N	50	5.00	<20	3.00	3,000
360	50	N	N	50	N	20	7.00	30	3.00	3,000
361	20	N	N	300	N	20	5.00	30	3.00	2,000
1787	20	N	N	200	<1.0	50	2.00	N	.30	500
81ABE80B	150	20	N	1,000	1.0	50	5.00	N	10.00	3,000
81ABE118	200	N	N	300	N	50	<.05	N	3.00	700
82ABE227	150	N	N	500	<1.0	30	5.00	N	3.00	1,000
82ABE229	150	N	N	2,000	2.0	100	.07	N	2.00	700
82ABE234	100	N	N	1,000	1.0	100	.07	N	1.50	300
82ABE235	150	N	N	700	1.0	50	.05	N	2.00	700
82ABE240	N	50	N	2,000	N	30	<.05	N	.15	N
82ABE241	30	50	N	>5,000	1.0	50	<.05	N	.30	70
82ABE242	30	20	N	>5,000	<1.0	50	N	N	.20	50
82ADU7BG	30	30	N	3,000	1.5	70	.10	N	.50	50
82TM42AG	200	N	N	700	<1.0	20	2.00	N	2.00	1,500
82TM43BG	200	N	N	300	N	15	7.00	N	3.00	1,000
82TM43CG	100	15	N	700	<1.0	30	2.00	N	2.00	500
82TM44AG	200	N	N	700	<1.0	20	.50	N	3.00	1,000
82TM45AG	N	7	N	300	N	10	<.05	N	.10	30
82TM46AG	150	N	N	1,500	<1.0	100	.10	N	1.50	700
82TM46BG	150	N	N	2,000	1.5	100	.05	N	2.00	700
82TM47AG	150	N	N	150	<1.0	30	.50	N	2.00	500
82TM49AG	150	7	N	3,000	<1.0	70	15.00	N	2.00	2,000

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
278	N	15	200	.150	N	100	N	20	30
320	<20	50	200	.500	N	500	N	50	50
321	<20	20	200	.300	N	200	N	50	200
322	N	N	200	.100	N	30	N	20	20
323	N	N	1,500	.070	N	<10	N	N	N
325	<20	15	<100	.200	N	100	N	50	100
326	<20	30	1,000	.500	N	200	N	50	200
347	N	N	500	.010	N	10	N	N	N
348	N	N	300	.010	N	<10	N	N	N
349	N	N	1,000	.030	N	<10	N	N	N
350	<20	10	N	.200	N	700	N	20	50
351	<20	30	500	.300	N	200	N	20	70
352	<20	20	<100	.300	N	300	N	20	70
353	<20	30	<100	.500	N	150	N	20	200
356	<20	15	<100	.200	N	200	N	20	70
357	<20	15	300	.200	N	150	N	20	70
358	<20	20	150	.200	N	200	N	20	100
359	<20	70	150	1.000	N	700	N	50	100
360	<20	50	300	.700	N	500	N	50	200
361	<20	50	300	.700	N	500	N	70	200
1787	N	7	200	.150	N	100	N	20	30
81ABE80B	N	50	1,000	>1.000	N	500	N	70	200
81ABE118	N	30	N	.500	N	200	N	30	200
82ABE227	N	50	200	.010	N	500	N	15	50
82ABE229	N	30	N	.300	N	200	N	15	150
82ABE234	N	20	N	.500	N	200	N	15	70
82ABE235	N	20	N	.300	N	200	N	15	150
82ABE240	N	N	N	.500	N	700	N	N	20
82ABE241	N	5	N	.100	N	300	N	10	50
82ABE242	N	N	N	.150	N	500	N	10	50
82ADU78G	N	5	N	.150	N	300	N	10	50
82TM42AG	N	30	200	.300	N	500	N	20	50
82TM43BG	N	30	300	.300	N	300	N	20	50
82TM43CG	N	30	200	.300	N	500	N	20	70
82TM44AG	N	30	N	.300	N	500	N	20	50
82TM45AG	N	N	N	.070	N	300	N	N	N
82TM46AG	N	20	N	.300	N	300	N	10	150
82TM46BG	N	20	N	.300	N	200	N	20	150
82TM47AG	N	20	N	.200	N	300	N	15	150
82TM49AG	N	20	700	.200	N	300	N	50	70

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
82TM50AG	67 36 27	151 42 10	N	N	N	35	--	--	N	N	N
82TM50BG	67 36 27	151 42 10	N	N	N	35	--	--	N	N	N
					Wiseman C5--continued						
68	67 30 46	152 22 22	N	--	N	--	--	--	N	--	N
69	67 31 16	152 21 13	N	--	N	--	--	--	N	--	N
84	67 32 26	152 4 7	N	--	N	--	--	--	N	--	100.0
108	67 30 48	152 18 4	N	--	N	--	--	--	N	--	N
109	67 31 11	152 16 51	N	--	N	--	--	--	N	--	N
110	67 30 18	152 21 48	N	--	N	--	--	--	N	--	N
111	67 30 36	152 22 32	N	--	N	--	--	--	N	--	N
233	67 43 57	152 22 27	N	--	N	--	N	--	N	--	N
249	67 34 30	152 7 42	N	--	N	--	20	--	N	--	N
284	67 32 48	152 2 26	N	--	N	--	20	--	N	--	N
304	67 33 40	152 0 3	N	--	N	--	20	--	N	--	2.0
305	67 32 23	152 1 42	N	--	N	--	20	--	N	--	N
306	67 32 7	152 1 41	N	--	N	--	<10	--	N	--	N
307	67 31 34	152 1 45	N	--	N	--	10	--	N	--	N
308	67 32 53	152 3 36	N	--	N	--	10	--	N	--	N
309	67 33 42	152 4 5	N	--	N	--	<10	--	N	--	N
310	67 32 29	152 8 41	N	--	N	--	<10	--	N	--	N
311	67 33 58	152 1 51	N	--	N	--	<10	--	N	--	N
312	67 38 14	152 2 1	N	--	N	--	<10	--	N	--	N
313	67 38 2	152 2 22	N	--	N	--	<10	--	N	--	N
354	67 32 52	152 25 20	N	--	N	--	20	--	N	--	N
355	67 33 58	152 24 30	N	--	N	--	20	--	N	--	N
368	67 33 39	152 18 8	N	--	N	--	<10	--	N	--	N
369	67 34 1	152 18 4	N	--	N	--	20	--	N	--	N
370	67 34 38	152 18 11	N	--	N	--	10	--	N	--	N
1925	67 40 57	152 7 23	N	N	N	60	--	--	N	N	10.0
2013A	67 38 30	152 25 55	N	7	N	5	--	--	N	N	<.5
2013B	67 38 30	152 25 55	N	<2	N	5	--	--	N	N	N
2013C	67 38 30	152 25 55	N	7	N	10	--	--	N	N	.5
2013D	67 38 36	152 26 1	N	N	N	5	--	--	N	N	<.5
2013E	67 38 44	152 26 1	N	N	N	N	--	--	N	N	N
2018A	67 37 58	152 27 35	N	20	N	20	--	--	N	N	1.0
2018B	67 37 56	152 27 24	N	2	N	N	--	--	N	N	<.5
2018C	67 37 54	152 27 19	N	6	N	N	--	--	N	N	.7
2020A	67 37 53	152 28 56	N	N	N	5	--	--	N	N	N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
82TM50AG	30	N	N	75.0	N	.30	N	N	.50	N	20
82TM50BG	100	20	N	45.0	N	7.90	N	N	.50	N	10
				Wiseman C5--continued							
68	50	30	N	10.0	N	--	N	--	.50	N	N
69	70	20	N	60.0	N	--	N	--	5.00	20	100
84	>20,000	<10	N	85.0	N	--	N	--	3.00	30	100
108	20	100	N	15.0	N	--	N	--	2.00	<5	<5
109	20	20	<200	30.0	N	--	N	--	2.00	10	20
110	150	50	N	45.0	N	--	N	--	5.00	20	20
111	50	20	<200	35.0	N	--	N	--	5.00	20	20
233	N	N	N	20.0	N	--	N	--	10.00	<5	20
249	20	10	<200	15.0	N	--	N	--	3.00	10	30
284	5,000	20	<200	20.0	N	--	N	--	5.00	70	100
304	5,000	N	N	5.0	N	--	N	--	2.00	15	20
305	30	30	N	10.0	N	--	N	--	2.00	<5	10
306	<5	N	N	5.0	N	--	N	--	2.00	15	30
307	<5	50	1,500	50.0	N	--	N	--	1.50	5	15
308	100	N	<200	20.0	N	--	N	--	3.00	20	50
309	5	N	N	<5.0	N	--	N	--	.50	10	10
310	30	N	N	5.0	N	--	N	--	.50	10	<5
311	7	N	N	10.0	N	--	N	--	2.00	10	15
312	30	20	N	45.0	N	--	N	--	3.00	20	100
313	<5	N	N	5.0	N	--	N	--	.10	N	N
354	30	30	N	90.0	N	--	N	--	5.00	20	20
355	30	50	N	80.0	N	--	N	--	3.00	15	20
368	50	100	<200	130.0	N	--	N	--	10.00	20	50
369	150	20	<200	55.0	N	--	N	--	7.00	50	100
370	70	50	<200	110.0	N	--	N	--	5.00	20	50
1925	7,000	10	N	40.0	N	.70	N	--	1.00	30	30
2013A	10	<10	N	140.0	N	.20	N	--	.50	N	30
2013B	<5	<10	N	50.0	N	1.80	N	--	.30	N	5
2013C	20	10	200	250.0	N	2.10	N	--	.70	N	50
2013D	10	<10	N	90.0	N	.60	N	--	1.00	N	20
2013E	<5	N	N	25.0	N	.50	N	--	.20	N	15
2018A	20	10	<200	260.0	N	.90	N	--	1.00	N	10
2018B	<5	<10	N	15.0	N	.20	N	--	.30	N	15
2018C	<5	<10	N	10.0	N	.20	N	--	.20	N	15
2020A	7	N	300	350.0	<20	3.30	N	--	.50	30	70

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
82TM50AG	N	20	N	700	N	15	.15	N	.10	20
82TM50BG	N	N	N	3,000	<1.0	20	15.00	N	.50	100
				Wiseman C5--continued						
68	<10	N	N	N	N	N	>20.00	50	.30	300
69	300	N	N	500	1.0	50	.20	70	2.00	500
84	50	N	N	200	<1.0	20	.10	<20	1.50	1,000
108	20	N	N	<20	<1.0	<10	20.00	50	5.00	1,500
109	70	N	N	200	<1.0	<10	.30	70	.30	500
110	100	N	N	500	1.0	20	7.00	50	2.00	3,000
111	100	N	N	1,000	1.0	50	5.00	50	1.50	1,500
233	N	N	N	70	N	N	>20.00	<20	20.00	3,000
249	500	N	N	500	1.0	100	.10	50	.20	2,000
284	200	10	N	200	3.0	150	.10	50	1.50	1,000
304	<10	N	N	100	<1.0	10	.20	<20	.02	10
305	70	N	N	100	N	50	15.00	30	.70	3,000
306	50	N	N	50	N	10	.50	30	.50	1,000
307	20	N	N	50	N	10	20.00	30	1.00	1,000
308	70	N	N	150	<1.0	50	.10	30	.50	1,000
309	30	N	N	300	1.0	50	.07	30	.20	<10
310	20	N	N	500	1.0	20	.20	30	.30	100
311	20	N	N	500	<1.0	20	.05	30	.15	200
312	150	N	N	500	<1.0	50	.20	50	.70	500
313	N	N	N	100	N	10	20.00	<20	1.00	50
354	100	N	N	500	1.0	100	3.00	30	3.00	2,000
355	100	N	N	500	1.0	150	5.00	50	3.00	1,500
368	200	N	N	500	1.5	150	.20	50	1.50	700
369	500	N	N	500	1.5	100	10.00	30	3.00	3,000
370	100	N	N	500	1.5	100	2.00	30	2.00	2,000
1925	N	N	N	20	N	10	.30	N	.10	500
2013A	10	7	N	300	1.0	50	<.05	N	.10	50
2013B	<10	N	N	50	N	<10	.70	N	.50	200
2013C	20	20	N	500	1.0	100	.20	N	.30	150
2013D	10	5	N	200	<1.0	50	.15	N	.10	150
2013E	N	N	N	50	N	<10	.20	N	.15	200
2018A	20	N	N	500	1.0	50	1.00	N	.10	70
2018B	30	<5	N	1,000	1.5	100	<.05	N	.15	50
2018C	50	15	N	1,000	1.5	150	N	N	.15	50
2020A	<10	N	N	200	<1.0	10	.15	N	3.00	1,000

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
82TM50AG	N	N	N	.030	N	700	N	N	20
82TM50BG	N	N	1,000	.030	N	300	N	15	20
				Wiseman C5--continued					
68	<20	N	500	.030	N	<10	N	N	<10
69	<20	20	N	.500	N	200	N	20	300
84	<20	10	<100	.200	N	70	N	30	100
108	N	<5	300	.030	N	<10	N	30	<10
109	<20	10	<100	.200	N	200	N	20	150
110	<20	15	200	.300	N	100	N	20	150
111	<20	10	200	.300	N	200	N	20	100
233	N	N	300	.005	N	<10	N	N	N
249	<20	15	<100	.500	N	200	N	20	200
284	<20	30	<100	7.000	N	200	N	50	200
304	<20	5	N	.200	N	50	N	N	20
305	<20	10	1,500	.500	N	70	N	50	200
306	<20	5	N	.200	N	200	N	20	100
307	<20	5	500	.100	N	20	N	20	50
308	<20	15	N	.300	N	70	N	20	150
309	<20	5	N	.100	N	70	N	10	50
310	<20	N	N	.100	N	<10	N	50	70
311	<20	5	N	.100	N	150	N	10	50
312	<20	15	N	.500	N	150	N	20	200
313	<20	N	500	.050	N	10	N	N	10
354	<20	20	200	.500	N	150	N	20	200
355	<20	15	200	.300	N	100	N	20	300
368	<20	20	N	.700	N	200	N	50	300
369	<20	50	300	.500	N	200	N	50	100
370	<20	20	500	.500	N	200	N	50	300
1925	N	N	N	.010	N	10	N	N	10
2013A	N	5	N	.050	N	200	N	<10	20
2013B	N	N	150	.002	N	15	N	N	10
2013C	N	7	100	.100	N	300	N	20	30
2013D	N	<5	N	.050	N	150	N	<10	20
2013E	N	N	<100	.002	N	20	N	N	<10
2018A	N	7	150	.100	N	150	N	10	30
2018B	N	7	N	.150	N	200	N	10	30
2018C	N	10	N	.200	N	500	N	20	50
2020A	N	N	N	.015	N	30	N	10	10

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
2020B	67 37 53	152 28 56	N	5	N	10			N	N	N
2020C	67 37 53	152 28 56	N	3	N	5			N	N	N
2020D	67 37 53	152 28 56	N	4	N	10			N	N	<.5
					Wiseman C6--continued						
112	67 32 36	152 33 6	N		N				N		N
113	67 32 21	152 33 11	N		N				N		N
114	67 32 11	152 33 5	N		N				N		N
115	67 31 51	152 33 3	N		N				N		N
2263	67 39 14	152 54 43	N	N	N	<5			N	N	N
81ABE101	67 43 42	152 34 58	N	<2	N	20			N	N	N
82ABE323	67 39 27	152 50 9	N	2	N	10			N	N	N
82ABE324	67 37 26	152 52 14	N	N	N	N			N	N	N
82ABE326	67 37 29	152 56 11	N	N	N	N			N	N	N
82ABE328	67 37 42	152 46 20	N	N	N	5			N	N	N
82ABE332	67 40 25	152 42 27	N	N	N	5			N	N	N
					Wiseman D1--continued						
1650	67 53 38	150 27 16	N	N	N	<5			N	N	N
1651A	67 54 36	150 26 42	N	N	N	<5			N	N	N
1651B	67 54 36	150 26 42	N	N	N	<5			N	N	N
1651C	67 54 36	150 26 42	N	4	N	<5			N	N	N
2049A	67 59 7	150 18 53	N		N			<.02	N	N	N
2049B	67 59 7	150 18 53	N		N			.06	N	N	N
2049C	67 59 7	150 18 53	N		N			.06	N	N	N
2049D	67 59 7	150 18 53	N		N			.06	N	N	N
2049E	67 59 7	150 18 53	N		N			.06	N	N	N
2049F	67 59 7	150 18 53	N		N			.06	N	N	N
2051	67 58 57	150 18 47	N		N			.16	N	N	N
2052	67 59 15	150 18 25	N		N			.02	N	N	N
2054A	67 59 23	150 18 14	N		N			.02	N	N	N
2054B	67 59 23	150 18 14	N		N			.06	N	N	N
2055A	67 51 37	150 13 15	N		N			.10	N	N	1.0
2055B	67 51 37	150 13 15	N		N			.10	N	N	1.5
2055C	67 51 37	150 13 15	N		N			.16	N	N	.5
2055D	67 51 37	150 13 15	N		N			.22	N	N	1.0
2055E	67 51 37	150 13 15	N		N			.10	N	N	1.0
2056	67 51 37	150 13 15	N		N			.16	N	N	<.5
2225	67 53 16	150 29 5	N		N			.10	N	N	<.5
2225A	67 53 16	150 29 5	N		N			<.02	N	N	N
2226B	67 53 16	150 29 5	N		N			.26	N	N	<.5
2230	67 58 21	150 27 49	N		N			<.02	N	N	N
2230A	67 58 21	150 27 49	N		N			<.02	N	N	N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
2020B	15	N	N	75.0	N	.80	N	--	1.00	N	30
2020C	10	N	N	100.0	N	.90	N	--	.70	7	30
2020D	30	20	N	65.0	N	1.00	N	--	.70	5	30
					Wiseman C6--continued						
112	20	30	N	60.0	N	--	N	--	5.00	20	20
113	50	30	N	50.0	N	--	N	--	5.00	20	20
114	10	N	N	5.0	N	--	N	--	.50	N	N
115	30	N	N	60.0	N	--	N	--	3.00	20	50
2263	30	N	<200	210.0	N	.20	N	--	2.00	30	50
81ABE101	30	300	N	95.0	N	.15	N	N	10.00	30	70
82ABE323	70	20	N	160.0	N	.40	N	N	2.00	7	70
82ABE324	70	10	N	110.0	N	.20	N	N	3.00	20	50
82ABE326	70	10	200	170.0	N	.20	N	N	5.00	20	50
82ABE328	10	30	N	70.0	N	<.10	N	N	2.00	N	30
82ABE332	100	10	<200	160.0	N	.50	N	N	3.00	10	50
					Wiseman D1--continued						
1650	15	N	N	160.0	N	1.10	N	N	2.00	N	15
1651A	N	N	N	20.0	N	.10	N	N	3.00	<5	10
1651B	N	N	N	5.0	N	.10	N	N	.50	N	5
1651C	30	N	N	70.0	N	.10	N	N	5.00	20	150
2049A	5	50	N	20.0	N	<.10	N	N	1.00	<5	5
2049B	30	10	N	120.0	N	N	N	N	3.00	20	70
2049C	50	20	N	100.0	N	.10	N	N	3.00	20	50
2049D	50	10	N	95.0	N	<.10	N	N	3.00	20	50
2049E	30	15	N	100.0	N	<.10	N	N	3.00	20	50
2049F	<5	<10	N	45.0	N	N	N	N	2.00	7	15
2051	15	70	N	95.0	N	.30	N	N	5.00	15	20
2052	20	20	N	65.0	N	N	N	N	2.00	15	30
2054A	70	20	<200	120.0	N	.70	N	N	3.00	20	50
2054B	10	20	<200	85.0	N	N	N	N	3.00	15	50
2055A	70	10	N	75.0	N	.20	N	N	3.00	5	30
2055B	70	20	N	65.0	N	.30	N	N	5.00	<5	30
2055C	200	10	N	240.0	N	.10	N	N	5.00	N	20
2055D	100	<10	N	95.0	N	<.10	N	N	5.00	<5	20
2055E	150	20	200	100.0	N	.20	N	N	10.00	5	50
2056	20	20	N	60.0	N	<.10	N	N	2.00	<5	20
2225	10	<10	N	190.0	N	.90	N	N	.70	N	15
2225A	70	<10	N	50.0	N	.20	N	N	5.00	30	50
2226B	20	N	N	120.0	N	2.20	N	N	.50	N	15
2230	20	30	N	85.0	N	.10	N	N	3.00	20	50
2230A	7	<10	N	45.0	N	<.10	N	N	2.00	10	20

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
2020B	15	20	N	1,500	1.0	70	.05	N	.20	100
2020C	10	10	N	1,000	<1.0	50	.30	N	.30	200
2020D	20	15	N	1,500	1.0	70	.15	N	.30	100
				Wiseman C6--continued						
112	100	N	N	500	2.0	50	1.00	70	2.00	1,000
113	100	N	N	500	2.0	70	5.00	70	2.00	1,500
114	<10	N	N	100	N	10	>20.00	50	3.00	150
115	150	N	N	200	1.0	20	.50	50	.70	1,000
2263	50	N	N	200	2.0	70	.10	N	.70	300
81ABE101	70	N	N	700	1.0	200	<.05	N	.10	50
82ABE323	70	15	N	1,000	2.0	70	<.05	50	.70	100
82ABE324	150	N	N	500	3.0	150	.20	50	1.00	500
82ABE326	100	N	N	200	<1.0	50	.20	N	1.50	700
82ABE328	100	30	N	1,000	3.0	150	<.05	20	1.00	70
82ABE332	150	N	N	1,000	5.0	100	.10	20	1.50	700
				Wiseman D1--continued						
1650	N	N	N	700	<1.0	30	7.00	N	2.00	700
1651A	N	N	N	N	N	10	5.00	N	1.50	200
1651B	N	N	N	30	N	10	.50	N	1.50	500
1651C	200	N	N	30	N	20	3.00	N	1.00	1,000
2049A	N	N	N	70	N	15	1.00	N	.10	3,000
2049B	70	N	N	200	1.5	100	.07	30	.70	700
2049C	50	N	N	200	1.5	70	.07	50	.70	700
2049D	50	N	N	150	2.0	100	.15	30	.70	1,000
2049E	50	N	N	100	1.0	70	.15	N	.50	700
2049F	20	N	N	100	1.0	50	1.50	N	.50	1,000
2051	20	N	N	70	1.0	30	5.00	<20	1.50	>5,000
2052	30	<5	N	100	1.5	50	.15	N	.50	300
2054A	50	N	N	300	3.0	100	.10	30	.70	500
2054B	30	N	N	70	<1.0	20	.30	N	.50	700
2055A	50	N	N	1,000	2.0	150	.05	N	.20	100
2055B	50	<5	N	1,000	1.5	200	.05	50	.20	150
2055C	30	N	N	200	<1.0	50	.50	N	1.00	1,000
2055D	30	<5	N	1,000	1.0	100	.05	N	.50	500
2055E	70	5	N	150	N	70	.15	50	.70	300
2056	30	<5	N	300	1.0	70	.07	N	.70	300
2225	30	5	N	150	1.0	50	.05	N	.15	150
2225A	200	N	N	300	<1.0	<10	1.50	N	3.00	1,500
2226B	15	7	N	200	<1.0	20	.05	N	.20	100
2230	70	N	N	200	3.0	70	.07	30	1.00	500
2230A	50	N	N	70	<1.0	20	.50	N	.50	700

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
2020B	N	5	N	.100	N	200	N	15	20
2020C	N	5	N	.070	N	150	N	10	20
2020D	N	7	N	.100	N	200	N	15	30
				Wiseman C6--continued					
112	<20	10	200	.300	N	100	N	30	200
113	<20	10	200	.300	N	100	N	30	150
114	N	N	1,000	.070	N	20	N	<10	20
115	<20	10	<100	.200	N	100	N	20	150
2263	N	15	N	.200	N	100	N	30	50
81ABE101	N	15	N	.300	N	100	N	30	200
82ABE323	N	10	N	.200	N	300	N	20	150
82ABE324	N	20	100	.700	N	300	N	30	300
82ABE326	N	15	N	.200	N	200	N	20	150
82ABE328	N	20	N	.300	N	300	N	20	200
82ABE332	N	20	100	.300	N	200	N	30	150
				Wiseman D1--continued					
1650	N	N	300	.050	N	100	N	N	N
1651A	N	N	700	.010	N	N	N	N	N
1651B	N	N	N	N	N	N	N	N	N
1651C	N	20	200	.200	N	300	N	20	50
2049A	N	<5	<100	.050	N	50	N	<10	15
2049B	<20	15	<100	.200	N	100	N	20	150
2049C	N	10	N	.200	N	100	N	20	100
2049D	N	15	<100	.200	N	100	N	20	100
2049E	N	10	<100	.200	N	100	N	20	100
2049F	N	7	100	.150	N	70	N	20	70
2051	N	7	300	.100	N	70	N	50	50
2052	N	10	N	.200	N	100	N	20	100
2054A	N	15	100	.300	N	100	N	30	100
2054B	N	5	<100	.100	N	70	N	15	30
2055A	N	7	N	.070	N	200	N	30	50
2055B	N	7	N	.100	N	500	N	70	50
2055C	N	7	200	.070	N	200	N	70	50
2055D	N	7	<100	.100	N	200	N	50	50
2055E	N	7	100	.100	N	300	N	70	30
2056	N	7	N	.150	N	150	N	15	30
2225	N	5	N	.050	N	150	N	10	30
2225A	N	30	150	.300	N	200	N	20	20
2226B	N	<5	N	.050	N	200	N	<10	30
2230	N	15	N	.300	N	150	N	20	70
2230A	N	10	<100	.200	N	100	N	10	100

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
22308	67 58 21	150 27 49	N	--	N	--	--	<.02	N	N	N
2231	67 58 30	150 28 22	N	--	N	--	--	.02	N	N	<.5
2231A	67 58 30	150 28 22	N	--	N	--	--	.04	N	N	N
2231B	67 58 30	150 28 22	N	--	N	--	--	<.02	N	N	N
2231C	67 58 30	150 28 22	N	--	N	--	--	.04	N	N	N
2234	67 58 32	150 28 44	N	--	N	--	--	.06	N	N	<.5
2235	67 52 52	150 12 13	N	--	N	--	--	.14	N	N	N
2235A	67 52 52	150 12 13	N	--	N	--	--	.04	N	N	N
2235B	67 52 52	150 12 13	N	--	N	--	--	.04	N	N	N
2235C	67 52 58	150 12 24	N	--	N	--	--	.06	N	N	N
2238	67 52 46	150 12 3	N	--	N	--	--	.02	N	N	N
2252	67 56 16	150 29 18	N	--	N	--	--	.18	N	N	N
2253	67 56 18	150 28 57	N	--	N	--	--	.48	N	N	<.5
2254	67 56 41	150 28 40	N	--	N	--	--	.02	N	N	N
2255	67 56 59	150 23 23	N	--	N	--	--	.06	N	N	N
2255A	67 56 59	150 23 23	N	--	N	--	--	.06	N	N	N
2256	67 56 47	150 14 50	N	--	N	--	--	.06	N	N	.5
82ABE204	67 45 59	150 24 4	N	2	N	N	--	--	N	N	N
82ABE205	67 45 26	150 26 2	N	N	N	N	--	--	N	N	N
82ABE206	67 45 9	150 16 50	N	10	N	25	--	--	N	N	N
82ABE209	67 46 56	150 13 26	N	N	N	N	--	--	N	N	N
82ABE210	67 46 50	150 11 43	N	N	N	N	--	--	N	N	N
82ABE213	67 45 8	150 4 29	N	N	N	N	--	--	N	N	N
82ABE213	67 45 8	150 4 29	N	N	N	N	--	--	N	N	5.0
82ABE214	67 45 53	150 9 48	N	N	N	N	--	--	N	N	N
82ABE215	67 46 2	150 17 50	N	N	N	N	--	--	N	N	N
82ABE335	67 56 11	150 22 35	N	N	N	10	--	.10	N	N	N
82ABE340	67 48 42	150 1 10	N	N	N	10	--	--	N	N	N
82ABE342	67 52 16	150 14 47	N	N	N	5	--	.10	N	N	N
82TM40AG	67 46 53	150 4 8	N	N	N	25	--	--	N	N	N
82TM96AG	67 54 43	150 27 38	N	N	N	15	--	<.02	N	N	N
82TM97AG	67 54 58	150 27 11	N	N	N	15	--	<.02	N	N	N
82TM98AG	67 55 4	150 26 22	N	2	N	15	--	<.02	N	N	N
				Wiseman D2--continued							
2123	67 45 38	150 59 36	N	--	N	--	--	.10	N	N	<.5
2201	67 46 41	150 57 5	N	--	N	--	--	.02	N	N	.5
2201A	67 46 41	150 57 5	N	--	N	--	--	<.02	N	N	N
2201B	67 46 41	150 57 5	N	--	N	--	--	<.02	N	N	<.5
2202	67 46 50	150 57 5	N	--	N	--	--	<.02	N	N	N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
2230B	<5	N	N	35.0	N	<.10	N	N	1.50	10	20
2231	30	20	N	100.0	N	.30	N	N	3.00	20	50
2231A	30	15	N	55.0	N	<.10	N	N	1.50	10	20
2231B	20	<10	N	65.0	N	<.10	N	N	2.00	15	30
2231C	<5	20	N	20.0	N	.10	N	N	.70	N	5
2234	10	20	N	70.0	N	<.10	N	N	2.00	20	30
2235	15	<10	N	30.0	N	<.10	N	N	.70	7	15
2235A	10	<10	N	45.0	N	<.10	N	N	1.50	<5	20
2235B	10	N	N	40.0	N	.10	N	N	1.00	N	15
2235C	50	N	N	75.0	N	.50	N	N	1.00	7	20
2238	7	N	N	35.0	N	.10	N	N	1.50	N	10
2252	15	100	N	100.0	N	.30	N	N	3.00	20	30
2253	10	70	N	35.0	N	.10	N	N	1.00	10	50
2254	30	<10	N	130.0	N	5.30	N	N	2.00	10	15
2255	10	N	N	25.0	N	.10	N	N	.50	N	10
2255A	<5	N	N	20.0	N	<.10	N	N	.50	5	15
2256	15	50	N	20.0	N	<.10	N	N	1.00	N	10
82ABE204	30	30	N	95.0	N	<.10	N	N	5.00	N	30
82ABE205	70	30	<200	130.0	N	.10	N	N	7.00	30	70
82ABE206	100	10	N	25.0	N	N	N	N	1.50	5	20
82ABE209	10	N	N	40.0	N	N	N	N	2.00	5	15
82ABE210	20	N	N	50.0	N	N	N	N	2.00	50	30
82ABE213	50	N	N	95.0	N	N	N	N	5.00	30	30
82ABE213	10,000	10	N	55.0	N	1.40	N	N	3.00	5	15
82ABE214	100	10	<200	120.0	N	<.10	N	N	5.00	30	50
82ABE215	20	N	N	65.0	N	N	N	N	5.00	7	30
82ABE335	70	20	<200	120.0	N	.30	N	N	5.00	20	70
82ABE340	50	20	<200	120.0	N	N	N	N	7.00	5	30
82ABE342	70	N	N	80.0	N	<.10	N	N	3.00	10	50
82TM40AG	15	N	N	40.0	N	.20	N	N	1.50	15	20
82TM96AG	100	N	<200	75.0	N	.20	N	N	7.00	30	150
82TM97AG	150	N	<200	40.0	N	N	N	N	7.00	50	50
82TM98AG	100	N	N	35.0	N	.10	N	N	7.00	30	100
				Wiseman D2--continued							
2123	10	<10	200	180.0	N	.70	N	N	1.00	7	20
2201	10	<10	N	35.0	N	.20	N	N	1.00	N	30
2201A	100	N	N	55.0	N	.30	N	N	5.00	50	20
2201B	<5	N	N	30.0	N	.20	N	N	.70	N	15
2202	50	<10	N	40.0	N	N	N	N	3.00	20	20

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
2230B	30	N	N	50	<1.0	15	.50	N	.50	700
2231	70	N	N	200	2.0	70	.05	30	.70	500
2231A	20	N	N	50	<1.0	15	.20	20	.50	700
2231B	70	N	N	150	2.0	50	.07	30	.70	500
2231C	<10	N	N	20	N	10	.50	N	.15	2,000
2234	50	N	N	100	1.0	30	.70	N	.50	1,000
2235	10	N	N	150	1.0	30	<.05	N	.20	700
2235A	15	N	N	200	1.0	50	.05	N	1.00	500
2235B	10	N	N	100	<1.0	20	.10	N	.50	200
2235C	15	N	N	100	<1.0	30	<.05	N	.30	150
2238	10	N	N	150	1.0	20	.05	N	.50	300
2252	20	N	N	30	N	<10	10.00	N	1.00	700
2253	50	N	N	500	2.0	200	.10	20	.20	200
2254	10	N	N	70	N	<10	5.00	N	1.50	5,000
2255	30	N	N	5,000	1.0	50	.07	N	.03	150
2255A	20	N	N	700	1.0	50	<.05	N	.02	50
2256	15	N	N	100	N	20	<.05	N	.10	100
82ABE204	100	N	N	700	3.0	100	<.05	30	.50	100
82ABE205	150	N	N	500	1.5	70	<.05	20	1.50	500
82ABE206	20	N	N	150	<1.0	50	.05	N	.07	70
82ABE209	<10	N	N	200	<1.0	30	10.00	N	.30	1,000
82ABE210	10	N	N	150	<1.0	70	1.00	N	.70	3,000
82ABE213	70	N	N	70	N	10	.30	N	1.50	1,000
82ABE213	N	N	N	30	N	30	.07	N	.30	200
82ABE214	100	N	N	200	1.5	100	.15	N	1.50	1,000
82ABE215	100	N	N	200	2.0	100	<.05	N	.20	200
82ABE335	150	N	N	1,000	3.0	200	.05	30	.70	300
82ABE340	150	N	N	500	2.0	300	N	30	1.50	500
82ABE342	50	N	N	300	1.5	100	.07	N	1.00	150
82TM40AG	N	N	N	300	<1.0	70	.30	N	.20	2,000
82TM96AG	200	N	N	300	2.0	100	.20	20	3.00	700
82TM97AG	150	N	N	50	<1.0	20	7.00	N	5.00	2,000
82TM98AG	200	N	N	150	<1.0	30	10.00	N	5.00	2,000
				Wiseman D2--continued						
2123	15	7	N	500	1.0	50	<.05	N	.50	200
2201	30	20	N	700	1.0	70	<.05	N	.70	150
2201A	10	N	N	20	<1.0	15	3.00	N	2.00	1,500
2201B	20	10	N	300	<1.0	50	<.05	N	.20	100
2202	50	N	N	50	2.0	1,000	3.00	N	2.00	2,000

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
2230B	N	7	N	.150	N	70	N	10	30
2231	N	10	N	.300	N	100	N	20	70
2231A	N	7	<100	.200	N	70	N	15	50
2231B	N	15	N	.300	N	100	N	20	100
2231C	N	N	N	.020	N	15	N	N	15
2234	N	10	100	.200	N	100	N	20	100
2235	N	5	N	.050	N	50	N	<10	20
2235A	N	10	N	.100	N	100	N	<10	30
2235B	N	<5	N	.050	N	70	N	<10	30
2235C	N	<5	N	.070	N	70	N	N	30
2238	N	5	N	.070	N	70	N	N	30
2252	N	7	300	.070	N	100	N	20	20
2253	N	15	<100	.300	N	150	N	30	150
2254	N	10	<100	.030	N	70	N	15	15
2255	N	5	N	.200	N	100	N	10	70
2255A	N	5	N	.100	N	100	N	10	50
2256	N	5	N	.050	N	100	N	<10	20
82ABE204	N	20	150	.300	N	300	N	20	200
82ABE205	N	20	N	.300	N	300	N	20	100
82ABE206	N	5	N	.100	N	100	N	10	30
82ABE209	N	10	700	.150	N	100	N	15	70
82ABE210	N	5	200	.100	N	70	N	<10	30
82ABE213	N	20	N	.500	N	300	N	10	70
82ABE213	N	N	N	.050	N	10	N	N	N
82ABE214	N	20	N	.500	N	200	N	20	200
82ABE215	N	20	N	.500	N	200	N	20	200
82ABE335	N	20	100	.500	N	300	N	30	200
82ABE340	N	20	N	.300	N	300	N	30	150
82ABE342	N	10	N	.200	N	200	N	<10	70
82TM40AG	N	5	N	.150	N	50	N	<10	50
82TM96AG	N	20	N	.300	N	300	N	15	150
82TM97AG	N	50	200	1.000	N	500	N	30	150
82TM98AG	N	30	500	.200	N	300	N	15	20
				Wiseman D2--continued					
2123	N	<5	N	.070	N	200	N	15	50
2201	N	10	N	.150	N	500	N	10	50
2201A	N	30	300	.500	N	150	N	50	70
2201B	N	5	N	.100	N	200	N	50	30
2202	N	30	100	.300	N	150	N	20	30

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
2203	67 46 54	150 57 16	N		N			<.02	N	N	N
2204	67 46 58	150 57 27	N		N			<.02	N	N	N
2205	67 47 2	150 57 43	N		N			.06	N	N	.7
2206	67 45 25	150 59 31	N		N			.26	N	N	2.0
2206A	67 45 25	150 59 31	N		N			.04	N	N	N
2206B	67 45 25	150 59 31	N		N			.20	N	N	1.5
2207	67 45 21	150 59 47	200		N			.02	N	N	1.5
2216	67 45 48	150 59 58	N		N			.02	N	N	.7
2222	67 54 1	150 31 31	N		N			.10	N	N	.7
2222A	67 54 1	150 31 31	N		N			<.02	N	N	N
2222B	67 54 1	150 31 31	N		N			.02	N	N	N
2222C	67 54 1	150 31 31	N		N			<.02	N	N	N
2223	67 53 51	150 30 59	N		N			<.02	N	N	N
2223A	67 53 51	150 30 59	N		N			.28	N	N	.5
2223B	67 53 51	150 30 59	N		N			.04	N	N	N
2224	67 53 49	150 30 21	N		N			.28	N	N	<.5
2226	67 53 22	150 30 5	N		N			.02	N	N	N
2226A	67 53 22	150 30 5	N		N			.06	N	N	.5
2239	67 51 1	150 34 22	N		N			.04	N	N	N
2240	67 51 11	150 33 55	N		N			.02	N	N	N
2240A	67 51 11	150 33 55	N		N			.02	N	N	N
2257	67 51 1	150 32 17	N		N			<.02	N	N	<.5
82ABE336	67 53 30	150 33 2	N	N	N	5		.04	N	N	N
82ABE337	67 51 45	150 36 47	N	N	N	5		.02	N	N	N
82ABE338	67 52 43	150 41 21	N	N	N	10		.20	N	N	.5
				Wiseman D3--continued							
2208	67 45 23	151 0 9	N		N			<.02	N	N	<.5
2209	67 45 19	151 0 19	N		N			<.02	N	N	<.5
2210	67 45 19	151 0 36	N		<200			.04	N	N	.5
2210A	67 45 19	151 0 36	200		N	380		.04	N	N	N
2211	67 45 21	151 0 52	N		N			.10	N	N	.5
2212	67 45 21	151 1 8	N		N			<.02	N	N	N
2213	67 45 21	151 1 19	N		N			<.02	N	N	N
2215	67 45 23	151 1 46	N		N			<.02	N	N	N
2217	67 45 59	151 9 27	N		N			.06	N	N	.7
2217A	67 45 59	151 9 27	N		N			<.02	N	N	N
2218	67 45 59	151 9 43	N		N			.04	N	N	N
2218A	67 45 59	151 9 43	N		N			.02	N	N	N
2218B	67 45 59	151 9 43	N	7	N				N	520.00	<.5
2220	67 45 34	151 11 52	N		N			.08	N	N	1.0
2228	67 45 22	151 12 46	N		N			.48	N	N	1.0

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
2203	20	<10	N	60.0	N	.10	N	N	2.00	10	20
2204	20	N	N	30.0	N	.20	N	N	3.00	30	30
2205	20	20	N	60.0	N	.40	N	N	2.00	10	30
2206	30	10	N	45.0	N	.30	N	N	1.00	N	30
2206A	30	100	1,500	1,800.0	30	17.00	N	N	2.00	30	70
2206B	50	<10	N	70.0	N	.50	N	N	1.00	N	20
2207	300	30	N	190.0	N	2.30	N	N	3.00	15	100
2216	100	<10	N	140.0	N	.20	N	N	5.00	30	10
2222	15	10	N	35.0	N	<.10	N	N	1.00	N	5
2222A	<5	<10	N	5.0	N	.10	N	N	.50	N	<5
2222B	70	<10	N	25.0	N	N	N	N	5.00	30	100
2222C	15	10	N	45.0	N	.20	N	N	1.50	10	20
2223	50	<10	N	110.0	N	.10	N	N	5.00	30	20
2223A	30	<10	<200	180.0	N	1.20	N	N	1.50	N	30
2223B	30	<10	N	130.0	N	1.50	N	N	.70	5	30
2224	15	N	N	110.0	N	1.20	N	N	1.00	N	30
2226	30	N	N	110.0	N	.30	N	N	5.00	20	30
2226A	10	N	N	120.0	N	1.20	N	N	.50	N	10
2239	20	50	N	75.0	N	.20	N	N	2.00	15	50
2240	20	100	N	40.0	N	.40	N	N	2.00	10	50
2240A	20	50	N	60.0	N	.30	N	N	2.00	10	50
2257	200	30	N	30.0	N	.10	N	N	5.00	30	20
82ABE336	70	10	<200	100.0	N	<.10	N	N	5.00	20	20
82ABE337	30	10	N	85.0	N	.30	N	N	5.00	15	30
82ABE338	50	10	300	190.0	N	1.70	N	N	2.00	5	30
				Wiseman D3--continued							
2208	10	N	200	180.0	N	1.10	N	N	7.00	50	30
2209	30	10	<200	230.0	N	2.80	N	N	7.00	50	50
2210	<5	<10	N	30.0	N	.30	N	N	.70	N	7
2210A	<5	N	N	15.0	N	.10	N	N	.20	N	10
2211	7	10	N	25.0	N	.10	N	N	.70	N	15
2212	7	<10	N	150.0	N	3.10	N	N	.10	5	15
2213	50	10	N	75.0	N	.50	N	N	3.00	15	50
2215	7	<10	N	140.0	N	.70	N	N	2.00	<5	10
2217	20	<10	300	240.0	N	.80	N	N	1.00	N	30
2217A	<5	N	N	5.0	N	<.10	N	N	.07	N	N
2218	10	N	N	40.0	N	.40	N	N	.50	N	15
2218A	10	<10	300	240.0	N	1.70	N	N	5.00	20	10
2218B	100	10	300	--	<20	--	N	--	1.00	20	30
2220	10	<10	N	40.0	N	.30	N	N	.70	N	7
2228	10	20	N	60.0	N	.20	N	N	.70	N	15

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
2203	20	N	N	150	1.0	30	.05	N	1.00	1,000
2204	70	N	N	N	1.0	2,000	3.00	N	2.00	1,500
2205	50	10	N	150	1.5	100	.10	N	.70	100
2206	30	20	N	200	1.5	100	<.05	N	1.00	150
2206A	10	N	N	150	2.0	50	7.00	100	1.00	>5,000
2206B	20	15	N	100	1.0	70	.05	N	.50	150
2207	500	N	N	<20	<1.0	N	1.50	100	2.00	1,500
2216	20	N	N	500	1.0	10	.50	N	1.50	1,000
2222	20	5	N	50	N	10	.20	N	.10	200
2222A	<10	N	N	N	N	<10	5.00	N	.10	3,000
2222B	300	N	N	50	N	20	2.00	N	2.00	1,000
2222C	20	N	N	100	N	30	3.00	N	1.00	1,500
2223	30	N	N	50	1.0	<10	1.00	N	1.50	1,000
2223A	20	10	N	200	1.0	70	.05	N	.50	150
2223B	15	<5	N	150	1.0	50	.20	N	.30	300
2224	20	7	N	150	1.0	50	.07	N	.50	150
2226	70	N	N	70	<1.0	20	2.00	N	2.00	1,000
2226A	10	N	N	200	<1.0	20	.70	N	.50	500
2239	50	N	N	150	1.0	70	5.00	N	1.50	2,000
2240	50	N	N	150	1.0	100	10.00	N	1.00	3,000
2240A	30	N	N	100	1.0	50	10.00	N	1.50	3,000
2257	20	<5	N	150	1.0	20	3.00	N	1.50	1,000
82ABE336	30	N	N	300	1.0	70	.07	20	1.50	1,000
82ABE337	50	N	N	150	<1.0	30	.07	N	1.50	1,500
82ABE338	20	N	N	1,500	1.0	100	.15	N	.30	300
				Wiseman D3--continued						
2208	100	N	N	<20	1.0	N	.70	N	3.00	1,500
2209	100	N	N	20	<1.0	N	1.00	N	2.00	1,500
2210	15	10	N	150	1.0	50	<.05	N	.20	100
2210A	N	N	N	150	<1.0	50	<.05	<20	<.02	20
2211	15	10	N	200	1.0	70	.05	N	.20	100
2212	<10	N	N	30	<1.0	30	.50	N	.02	700
2213	100	N	N	200	<1.0	20	1.00	N	2.00	1,000
2215	30	N	N	300	1.0	70	<.05	N	.70	200
2217	15	10	N	100	1.0	50	<.05	N	.50	150
2217A	N	N	N	<20	N	<10	<.05	N	.02	20
2218	10	N	N	70	<1.0	15	<.05	N	.30	150
2218A	N	N	N	500	1.0	20	1.00	30	2.00	1,500
2218B	10	7	N	70	1.0	30	.10	N	.15	700
2220	30	<5	N	1,000	<1.0	20	<.05	N	.15	50
2228	30	30	N	500	1.0	70	<.05	N	.20	50

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
2203	N	10	N	.150	N	70	N	10	30
2204	N	30	150	.300	N	150	N	20	30
2205	N	10	N	.150	N	200	N	20	30
2206	N	10	N	.150	N	700	N	<10	50
2206A	N	7	1,000	.100	N	50	N	70	70
2206B	N	7	N	.100	N	500	N	10	30
2207	N	20	700	.200	N	150	N	20	70
2216	N	20	100	.700	N	200	N	30	70
2222	N	5	N	.050	N	50	N	N	20
2222A	N	7	1,000	.010	N	10	N	20	10
2222B	N	30	200	.300	N	150	N	30	30
2222C	N	7	700	.070	N	50	N	20	10
2223	N	30	200	.700	N	150	N	30	50
2223A	N	7	N	.070	N	200	N	20	50
2223B	N	5	N	.070	N	100	N	10	30
2224	N	5	N	.100	N	300	N	10	30
2226	N	20	100	.500	N	100	N	50	70
2226A	N	N	200	.020	N	150	N	<10	20
2239	N	15	500	.100	N	70	N	20	50
2240	N	10	1,000	.150	N	70	N	20	50
2240A	N	10	1,000	.070	N	50	N	20	30
2257	N	20	200	.200	N	150	N	20	50
82ABE336	N	20	N	.200	N	200	N	30	150
82ABE337	N	15	N	.150	N	150	N	10	70
82ABE338	N	5	N	.100	N	300	N	10	70
			Wiseman D3--continued						
2208	N	30	200	.700	N	300	N	50	70
2209	N	30	100	.700	N	200	N	50	70
2210	N	5	N	.100	N	300	N	<10	30
2210A	N	N	N	.100	N	300	N	N	50
2211	N	5	N	.100	N	300	N	10	30
2212	N	N	N	.010	N	15	N	N	10
2213	N	15	300	.200	N	100	N	10	50
2215	N	7	N	.150	N	100	N	<10	30
2217	N	5	N	.070	N	200	N	10	30
2217A	N	N	N	.002	N	10	N	N	15
2218	N	N	N	.020	N	150	N	N	20
2218A	N	15	500	.300	N	200	N	20	50
2218B	N	<5	N	.050	N	150	N	20	20
2220	N	<5	N	.050	N	200	N	10	30
2228	N	10	N	.150	N	700	N	15	50

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Latitude	Longitude	Sb-ppm s	Sb-ppm aa	As-ppm s	As-ppm aa	As-ppm cm	Hg-ppm inst	Au-ppm s	Au-ppm aa	Ag-ppm s
2229	67 45 12	151 13 46	N	[illegible]	N	[illegible]	[illegible]	<.02	N	N	N
2259A	67 46 10	151 5 34	N	[illegible]	N	[illegible]	[illegible]	.06	N	N	<.5
2259B	67 46 10	151 5 34	N	[illegible]	N	[illegible]	[illegible]	.28	N	N	1.0
2259C	67 46 10	151 5 34	N	[illegible]	N	[illegible]	[illegible]	.02	N	N	.5
2261	67 45 32	151 11 31	N	[illegible]	N	[illegible]	[illegible]	.10	N	N	.7
81ABE7B	67 59 42	151 5 34	N	N	N	20	[illegible]	--	N	N	N
81ABE45	67 45 32	151 24 14	N	N	N	10	[illegible]	--	N	N	N
81ABE45A	67 45 32	151 24 14	N	N	N	10	[illegible]	--	N	N	N
81ABE48	67 46 23	151 22 32	N	4	N	25	[illegible]	--	N	N	N
81ABE49A	67 46 12	151 15 24	N	N	N	15	[illegible]	<.02	N	N	N
81ABE53	67 45 2	151 14 13	N	7	N	20	[illegible]	.08	N	N	2.0
				Wiseman D4--continued							
81ABE38	67 57 8	151 51 58	N	N	N	30	[illegible]	--	N	N	N
				Wiseman D5--continued							
81ABE16	67 53 43	152 15 44	N	7	N	35	[illegible]	--	N	<.05	2.0
				Wiseman D6--continued							
2041A	67 59 21	152 37 1	N	N	N	10	[illegible]	--	N	N	N
2041B	67 59 21	152 37 1	N	N	N	10	[illegible]	--	N	N	N
2041C	67 59 21	152 37 1	N	N	N	10	[illegible]	--	N	N	N
2041D	67 59 21	152 37 1	N	N	N	5	[illegible]	--	N	N	<.5
2041E	67 59 21	152 37 1	N	N	N	5	[illegible]	--	N	N	N
2041F	67 59 18	152 36 39	N	7	N	5	[illegible]	--	N	N	<.5
2041G	67 59 18	152 36 39	N	5	N	10	[illegible]	--	N	N	<.5
2042A	67 57 53	152 44 6	N	N	N	10	[illegible]	--	N	N	N
2042B	67 57 53	152 44 6	N	N	N	5	[illegible]	--	N	N	N
2042C	67 57 53	152 44 6	N	N	N	5	[illegible]	--	N	N	<.5
2042D	67 57 53	152 44 6	N	2	N	15	[illegible]	--	N	N	.5
2045A	67 59 18	152 56 57	N	N	N	10	[illegible]	--	N	N	N
2045B	67 59 18	152 56 57	N	8	N	85	[illegible]	--	N	N	.5
81ABE138	67 48 21	152 38 31	N	N	N	15	[illegible]	--	N	N	N

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cu-ppm s	Pb-ppm s	Zn-ppm s	Zn-ppm aa	Cd-ppm s	Cd-ppm aa	Bi-ppm s	Bi-ppm aa	Fe-pct. s	Co-ppm s	Ni-ppm s
2229	10	<10	N	55.0	N	<.10	N	N	2.00	15	30
2259A	30	<10	1,000	1,400.0	N	1.00	N	N	3.00	10	70
2259B	<5	20	N	15.0	N	N	N	N	.70	N	10
2259C	5	10	N	95.0	N	.90	N	N	1.00	N	10
2261	20	30	N	80.0	N	.50	N	N	1.00	<5	15
81ABE78	10	30	N	<5.0	N	<.05	N	N	2.00	N	10
81ABE45	30	N	N	40.0	N	.15	N	N	5.00	20	50
81ABE45A	30	N	1,000	1,200.0	30	21.00	N	N	.05	N	<5
81ABE48	30	<10	N	160.0	N	.05	N	N	5.00	5	50
81ABE49A	100	N	200	70.0	N	.35	N	N	10.00	70	100
81ABE53	30	15	N	120.0	N	.20	N	[illegible]	1.00	N	30
				Wiseman D4--continued							
81ABE38	7	30	N	<5.0	N	<.05	N	1	2.00	N	10
				Wiseman D5--continued							
81ABE16	20	70	N	5.0	N	N	N	1	2.00	N	10
				Wiseman D6--continued							
2041A	5	<10	N	15.0	N	.30	N	[illegible]	2.00	20	150
2041B	5	<10	N	15.0	N	.50	N	[illegible]	2.00	5	20
2041C	5	10	N	15.0	N	.50	N	[illegible]	2.00	7	20
2041D	5	N	N	10.0	N	.20	N	[illegible]	2.00	<5	15
2041E	<5	<10	N	10.0	N	<.10	N	[illegible]	.70	5	15
2041F	5	10	N	10.0	N	.20	N	[illegible]	2.00	N	10
2041G	5	<10	N	5.0	N	.20	N	[illegible]	2.00	5	10
2042A	<5	N	N	15.0	N	.20	N	[illegible]	1.50	5	10
2042B	7	N	N	15.0	N	.20	N	[illegible]	1.50	<5	15
2042C	15	<10	N	30.0	N	.10	N	[illegible]	5.00	7	20
2042D	10	15	N	40.0	N	.10	N	[illegible]	5.00	10	20
2045A	20	N	N	120.0	N	3.00	N	[illegible]	1.00	7	15
2045B	20	20	N	45.0	N	.50	N	[illegible]	3.00	10	30
81ABE138	10	20	N	100.0	N	.05	N	N	1.00	N	10

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Nb-ppm s	Sc-ppm s	Sr-ppm s	Ti-pct. s	Th-ppm s	V-ppm s	W-ppm s	Y-ppm s	Zr-ppm s
2229	N	10	N	.200	N	70	N	10	50
2259A	N	<5	N	.050	N	100	N	15	30
2259B	N	10	N	.200	N	500	N	20	50
2259C	N	7	N	.200	N	100	N	10	50
2261	N	7	N	.150	N	300	N	15	50
81ABE7B	N	N	100	.150	N	100	N	10	200
81ABE45	N	30	500	.300	N	200	N	10	50
81ABE45A	N	N	1,500	.005	N	20	N	N	N
81ABE48	N	10	N	.200	N	500	N	30	100
81ABE49A	N	50	100	>1.000	N	500	N	50	200
81ABE53	N	10	N	.200	N	1,000	N	10	70
Wiseman D4--continued									
81ABE38	N	N	100	.150	N	100	N	N	70
Wiseman D5--continued									
81ABE16	N	10	100	.200	N	100	N	10	70
Wiseman D6--continued									
2041A	N	5	<100	.050	N	70	N	15	20
2041B	N	<5	N	.070	N	30	N	<10	20
2041C	N	<5	N	.070	N	50	N	10	30
2041D	N	<5	N	.070	N	50	N	10	30
2041E	N	5	N	.100	N	70	N	<10	30
2041F	N	<5	N	.070	N	50	N	<10	50
2041G	N	<5	N	.100	N	50	N	<10	30
2042A	N	5	N	.070	N	50	N	15	20
2042B	N	7	N	.150	N	70	N	10	70
2042C	N	10	N	.200	N	100	N	20	150
2042D	N	10	N	.100	N	70	N	20	30
2045A	N	7	N	.150	N	50	N	15	100
2045B	N	7	<100	.050	N	50	N	50	20
81ABE138	N	15	N	.300	N	300	N	20	200

Table 7. Spectrographic and Chemical Analyses for Rock Samples from the Wiseman Quadrangle, Alaska--continued

Sample	Cr-ppm s	Mo-ppm s	Sn-ppm s	Ba-ppm s	Be-ppm s	B-ppm s	Ca-pct. s	La-ppm s	Mg-pct. s	Mn-ppm s
2229	50	N	N	150	2.0	70	<.05	N	1.00	1,000
2259A	<10	10	N	150	<1.0	30	.05	N	.30	200
2259B	30	7	N	700	2.0	100	<.05	N	.50	50
2259C	15	N	N	500	1.0	50	<.05	20	.20	70
2261	20	10	N	150	1.5	70	<.05	N	.30	200
81ABE7B	20	N	N	150	N	30	<.05	N	.05	70
81ABE45	150	N	N	>5,000	N	20	2.00	N	1.00	1,000
81ABE45A	N	N	N	>5,000	N	<10	.70	N	.02	100
81ABE48	70	50	N	>5,000	1.0	100	.05	N	.30	70
81ABE49A	200	N	N	700	<1.0	50	1.00	N	10.00	1,500
81ABE53	50	20	N	700	1.0	70	<.05	N	.50	100
				Wiseman D4--continued						
81ABE3B	20	N	N	150	N	20	.05	N	.05	50
				Wiseman D5--continued						
81ABE16	20	5	N	150	N	30	<.05	N	.05	20
				Wiseman D6--continued						
2041A	10	N	N	100	<1.0	15	2.00	N	1.00	1,000
2041B	10	<5	N	70	<1.0	20	1.00	N	.20	300
2041C	10	<5	N	100	<1.0	20	1.00	N	.50	500
2041D	10	<5	N	100	1.0	20	1.50	N	.20	200
2041E	15	N	N	150	1.0	30	.20	N	.20	150
2041F	10	5	N	150	<1.0	50	<.05	N	.07	70
2041G	15	<5	N	100	<1.0	30	.05	N	.07	50
2042A	15	N	N	70	<1.0	20	.07	N	.07	300
2042B	30	N	N	150	<1.0	50	.07	N	.10	500
2042C	50	N	N	200	1.5	50	.05	N	.15	2,000
2042D	20	N	N	150	1.0	50	<.05	N	.15	2,000
2045A	30	N	N	100	1.0	30	.05	N	.10	200
2045B	15	N	N	100	1.0	15	.20	N	.10	700
81ABE138	70	20	N	1,500	2.0	100	<.05	N	.20	30